

# ARCHITECTURAL

DOWNLIGHTS AND LINEAR SYSTEMS





# ELEMENT ARCHITECTURAL DOWNLIGHTS

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JLT Downlights Image:  
3" LED Adjustable Downlights (square/flangeless/bevel/white)  
Architect: Meyer Architecture + Interiors | Photography: Jeffrey Totaro



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### LED

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## MERGE

LINEAR LED SYSTEMS

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### 1.5

#### LED

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### 3.0

#### LED

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## HOUSINGS & ACCESSORIES

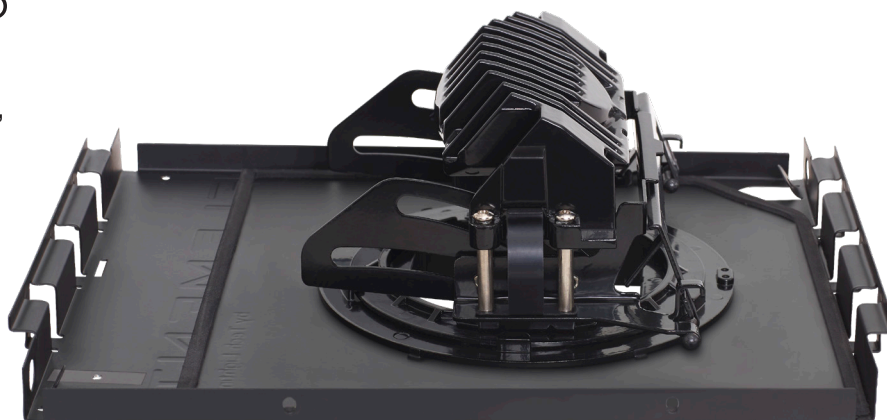
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3" LED Adjustable Downlights (round/flangeless/bevel/white)  
Architect: WRNS | Lighting Designer: Pritchard Peck | Photographer: Mark Mahaney

# WHY ELEMENT?

WHAT MATTERS TO YOU,  
MATTERS TO US



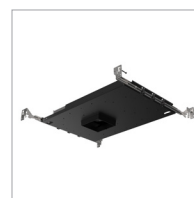
## ABOVE THE CEILING MATTERS

With all of our recessed products, we take great care to ensure the highest quality housing components and assembly methods are employed so you can rest assured that all the things you can't see—aiming mechanisms, heat sinks, drivers and wiring systems—deliver exceptional performance and safety.

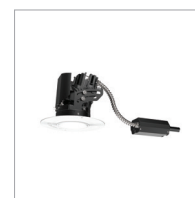
## MULTIPLE INSTALLATION OPTIONS



New Construction  
(Non-IC/  
Chicago Plenum)



New Construction  
(IC/Non-IC/  
Chicago Plenum)

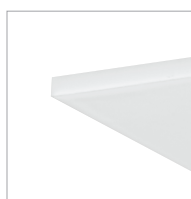


Remodel  
(Non-IC)

## AT THE CEILING MATTERS

A highly engineered recessed lighting system deserves a premium ceiling appearance. Every ELEMENT trim is made of either die-cast aluminum or a single sheet of cold-rolled steel for superior durability without sagging or warping. Trims are then powder coated for a superior finish and reduced glare. Further, die-cast or steel mesh mud plates help create a smooth, flangeless appearance between trim and ceiling: No seams. No flexing. No cracks.

## REFINED TRIM APPEARANCE



Die-Cast Aluminum

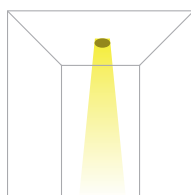


Cold-Rolled Steel  
(Multiples/BYOM only)

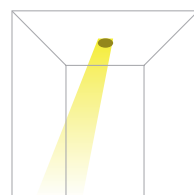
## BELOW THE CEILING MATTERS

Beautiful aesthetics and precision engineering cannot come at the expense of light performance. Every ELEMENT fixture delivers pristine, consistent light. Our engineers stay at the cutting edge of technology to deliver illumination with greater light output, longer life, less energy consumption, and a wide selection of LED and control options.

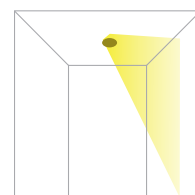
## MULTIPLE APPLICATION STYLES



Fixed



Adjustable



Wall Wash



# ESG

SUPPORTING CUSTOMERS AND  
SALES REPRESENTATIVES WITH  
SUPERIOR SERVICE AND SOLUTIONS



## ENHANCED SOLUTIONS GROUP

### Dedicated Customer Sales & Service Team

#### Experts on the Complete Tech Lighting Portfolio

- Specification details and cross-over references
- Installation techniques and troubleshooting
- Production, scheduling and delivery oversight
- Pricing
- Custom capabilities

### Highly Available, Responsive & Responsible

- Direct Access: [ESG@visualcomfortgroup.com](mailto:ESG@visualcomfortgroup.com)
- Act with urgency. Constant communication. No surprises.



[ESG@visualcomfortgroup.com](mailto:ESG@visualcomfortgroup.com)

# SPECIAL SERVICES



## QUICK SHIP PROGRAM

- 5 days or less — ANY order of less than 100 downlights (hundreds of thousands of unique SKUs)
- 10 days — Orders over 100 ELEMENT downlights
- 24 hours — 16 selected popular ELEMENT SKUs
- 24-hours — all Entra downlight orders
- 3 days — Decorative products, many shipping in 24-hours



## SPECIFIER FREE SAMPLES IN 48 HOURS

- We appreciate that nothing validates a design like seeing a physical sample
- 48 hour turn-around time on ANY ELEMENT part number, includes cord & plug for easy demonstration
- Cord & Plug decorative samples with discretion based on “scale” opportunities
- Best of all, it's FREE for 60 days



## FIXTURE SCHEDULE LABELS

- Provide us with your fixture schedule and we will be happy to label each box aiding in on-site organization and installation
- A happy contractor makes for a happy project



## DIMMER COMPATIBILITY

- Download our dimmer compatibility list which is updated regularly at [techlighting.com](http://techlighting.com)
- Need a specific dimmer tested? No problem! Provide us with the dimmer or a part number and we'll work on testing compatibility



## MERGE SHOP DRAWINGS

- Our MERGE linear LED system provides almost limitless opportunities with recessed, suspended and flush mount options all compatible with Tech Lighting low-voltage heads
- Our team can make specifying MERGE easier with detailed shop drawings



## PRODUCT CROSS OVERS

- Struggling with an “equal” or competitive downlight product? We are here to help with fill-ins, quick ships, or pricing
- Provide us with a competitive part number and we'll find the closest match in our portfolio
- Applies to anything in the Tech Lighting portfolio: Decorative, Outdoor, Architectural



## LIGHTING CALCULATIONS

- Download from our robust .ies file library or utilize our team of experts to run measurements to ensure you are getting the required light levels
- Photometric file creation for specific projects/products, based on need and scale

SPECIFICATION SUMMARY

		5 YEAR WARRANTY	PAGE	DELIVERED LUMENS*	WATTS	EFFICACY (L/W)	CBCP**	CRI	CCT
2"	LED	ADJUSTABLE/ WALL WASH/ REMODEL	36 36 38	850-1500	12-17	71-88 l/w	20°-5136; 30°-4644; 40°-3050; 60°-1764	80+/90+ Warm Dim: 90+	2700K, 3000K, 3500K, Warm Dim (3000K-1800K)
		ADJUSTABLE/ FIXED/ WALL WASH	44 52 60	600-1800	12-17	50-106 l/w	10°-13,420; 15°-5848; 25°-5416; 40°-3369; 60°-2305	80+/95+ Warm Dim: 90+	2700K, 3000K, 3500K, Warm Dim (3000K-1800K)
3"	LED	DUAL ADJUSTABLE	46	1800-3600	24-34	75-106 l/w	10°-13,420; 15°-5848; 25°-5416; 40°-3369; 60°-2305	80+/90+ Warm Dim: 90+	2700K, 3000K, 3500K, Warm Dim (3000K-1800K)
		ULTRA-SHALLOW FIXED	58	900-1800	12-17	75-106 l/w	18°-5848; 25°-5416; 40°-3369; 60°-2305	80+/90+ Warm Dim: 90+	2700K, 3000K, 3500K, Warm Dim (3000K-1800K)
		LOW-PROFILE ADJUSTABLE/ FIXED	48 54	900-1800	12-17	75-106 l/w	10°-13,420; 15°-5848; 25°-5416; 40°-3369; 60°-2305	80+/90+ Warm Dim: 90+	2700K, 3000K, 3500K, Warm Dim (3000K-1800K)
		REMODEL ADJUSTABLE/ FIXED	50 56	900-1800	12-17	75-106 l/w	10°-13,420; 15°-5848; 25°-5416; 40°-3369; 60°-2305	80+/95+ Warm Dim: 90+	2700K, 3000K, 3500K, Warm Dim (3000K-1800K)
		ADJUSTABLE/ FIXED/ WALL WASH	62 70 74	MR16 Lamp	Lamp Dependant	N/A	N/A	N/A	N/A
3"	HALOGEN	DUAL ADJUSTABLE	64	MR16 Lamp (x2)	Lamp Dependant	N/A	N/A	N/A	N/A
		LOW PROFILE ADJUSTABLE/FIXED	66 72	MR16 Lamp	Lamp Dependant	N/A	N/A	N/A	N/A
		REMODEL ADJUSTABLE	68	MR16 Lamp	Lamp Dependant	N/A	N/A	N/A	N/A
		ADJUSTABLE/ FIXED/ WALL WASH	82 86 88	1000-3300	17-31	59-106 l/w	10°-13,420 (low); 18°-10,240; 25°-8634; 40°-5513; 21°-5306; 43°-2740; 60°-3405	80+/95+ Warm Dim: 90+	2700K, 3000K, 3500K, Warm Dim (3000K-1800K)
4"	LED	LOW-PROFILE ADJUSTABLE	84	1300-3300	17-31	76-106 l/w	10°-13,420 (low); 18°-10,240; 25°-8634; 40°-5513; 60°-3405	80+/90+ Warm Dim: 90+	2700K, 3000K, 3500K, Warm Dim (3000K-1800K)
		RETROFIT ADJUSTABLE	94	800-1000	10-14.5	69-80 l/w	40°-2096	90+	2700K, 3000K
6"	LED	ADJUSTABLE SPOT TRIMMED/ OPEN/BYOM	106 104 118	1256-1600	12-17	73-94 l/w	Adjustable Spot: 20°-4179; 30°-2770; 40°-2454; 60°-1435	80+/90+	2700K, 3000K, 3500K
		GENERAL ILLUMINATION OPEN/BYOM	104 118	1015-1346	12-17	84-79 l/w	N/A	80+/90+	2700K, 3000K, 3500K
		WALL WASH OPEN/BYOM	104 118	989-1315	12-17	82-77 l/w	N/A	80+/90+	2700K, 3000K, 3500K
ENTRA	LED	3" ADJUSTABLE/ WALL WASH	126	980-1311	12-18	82-73 l/w	20°-4213; 40°-1822; 65°-691	90	2700K, 3000K, 3500K, 4000K
		3" REMODEL ADJUSTABLE/ WALL WASH	128	980-1311	12-18	82-73 l/w	20°-4213; 40°-1822; 65°-691	90	2700K, 3000K, 3500K, 4000K
		2" NICHE ADJUSTABLE	130	480	6	80 l/w	65°: 296	90	2700K, 3000K, 4000K
		2" NICHE FIXED	132	480	6	80 l/w	65°: 296	90	2700K, 3000K, 4000K
REFLECTIONS		5" APERTURE	138	684	9	76	N/A	90+	2700K, 3000K, 3500K, Warm Dim (3000K-2000K)
		8" APERTURE	138	1255	15	84	N/A	90+	2700K, 3000K, 3500K, Warm Dim (3000K-2000K)
		12" APERTURE	138	1989	31	64	N/A	90+	2700K, 3000K, 3500K, Warm Dim (3000K-2000K)

\*All values tested at 80CRI/3000K unless otherwise specified. Range based on available wattages and LED solutions. Other CCTs available upon request.  
\*\*See downloadable online IES files for supporting data at [techlighting.com](http://techlighting.com)

		5 YEAR WARRANTY	DIMMING PROTOCOL/ DRIVERS	OPTICS	ADJUSTABILITY	CEILING APPEARANCE	APERTURE	HOUSING
<b>2"</b>	<b>LED</b>	ADJUSTABLE/ WALL WASH/ REMODEL	Triac, ELV, 0-10V	20°, 30°, 40°, 60°, Wall Wash	0-45° Tilt, 361° Rotation, Hi-Low Lamp Positioning	Flanged/ Flangeless	1.4" Trim Aperture 2.75" Ceiling Cut-Out	IC Airtight Non-IC Airtight Chicago Plenum
		ADJUSTABLE/ FIXED/ WALL WASH	Triac, ELV, 0-10V, Lutron, Dali, eldoLED	10°, 15°, 21°, 25°, 40°, 43°, 60°	0-40° Tilt, 361° Rotation, Hi-Low Lamp Positioning	Flanged/ Flangeless/ Wood Flangeless	1.7" Trim Aperture 3.875" Ceiling Cut-Out	IC Airtight Non-IC Airtight Chicago Plenum Emergency Back-Up (Adj.)
<b>3"</b>	<b>LED</b>	DUAL ADJUSTABLE	Triac, ELV, 0-10V, Lutron, eldoLED	10°, 15°, 25°, 40°	0-40° Tilt, 361° Rotation	Flanged/ Flangeless/ Wood Flangeless	1.7" Trim Aperture 3.875" Ceiling cut out	IC Airtight (24W Max) Non-IC Airtight Chicago Plenum
		ULTRA-SHALLOW FIXED	Triac, ELV, 0-10V	18°, 25°, 40°	N/A	Flanged/ Flangeless/ Wood Flangeless	1.7" Trim Aperture 3.875" Ceiling Cut-Out	IC Airtight, Non-IC Airtight Chicago Plenum
		LOW-PROFILE ADJUSTABLE/FIXED	Triac, ELV, 0-10V	10°, 15°, 25°, 40°	0-40° Tilt, 361° Rotation	Flanged/ Flangeless/ Wood Flangeless	1.7" Trim Aperture 3.875" Ceiling Cut-Out	IC Airtight Non-IC Airtight Chicago Plenum
		REMODEL ADJUSTABLE	Triac, ELV, 0-10V	10°, 15°, 21°, 25°, 40°, 43°, 60°	0-40° Tilt, 361° Rotation, Hi-Low Lamp Positioning	Flanged/ Flangeless/ Wood Flangeless	1.7" Trim Aperture 3.875" Ceiling Cut-Out	Non-IC
		ADJUSTABLE/ FIXED/ WALL WASH	ELV or MLV	N/A	0-40° Tilt, 361° Rotation, Hi-Low Lamp Positioning	Flanged/ Flangeless/ Wood Flangeless	1.7" Trim Aperture 3.875" Ceiling Cut-Out	IC Airtight Non-IC Airtight Chicago Plenum
<b>3"</b>	<b>HALOGEN</b>	DUAL ADJUSTABLE	ELV or MLV	N/A	0-40° Tilt, 361° Rotation	Flanged/ Flangeless/ Wood Flangeless	1.7" Trim Aperture 3.875" Ceiling Cut-Out	IC Airtight (35w Max) Non-IC Airtight Chicago Plenum
		LOW-PROFILE ADJUSTABLE/FIXED	ELV or MLV	N/A	0-40° Tilt, 361° Rotation	Flanged/ Flangeless/ Wood Flangeless	1.7" Trim Aperture 3.875" Ceiling Cut-Out	Non-IC Airtight
		REMODEL ADJUSTABLE	ELV or MLV	N/A	0-35° Tilt, 361° Rotation	Flanged	1.7" Trim Aperture 3.875" Ceiling Cut-Out	Non-IC
		ADJUSTABLE/ FIXED/ WALL WASH	Triac, ELV, 0-10V, Lutron, Dali, eldoLED	10°, 18°, 21°, 25°, 40°, 43°, 60°	0-40° Tilt, 361° Rotation, Hi-Low Lamp Positioning	Flanged/ Flangeless	2.8" Trim Aperture 4.5" Ceiling Cut-Out	IC Airtight Non-IC Airtight Chicago Plenum Emergency Back-Up (Adj.)
<b>4"</b>	<b>LED</b>	LOW-PROFILE ADJUSTABLE	Triac, ELV, 0-10V	10°, 18°, 25°, 40°	0-40° Tilt, 361° Rotation	Flanged/ Flangeless	2.8" Trim Aperture 4.5" Ceiling Cut-Out	Non-IC Airtight Chicago Plenum
		RETROFIT	Triac, ELV	40°	0-35° Tilt, 360° Rotation	Retrofit	N/A	N/A
<b>6"</b>	<b>LED</b>	ADJUSTABLE	Triac, ELV	40°	0-35° Tilt, 360° Rotation	Retrofit	N/A	N/A
		RETROFIT	Triac, ELV	40°	0-35° Tilt, 360° Rotation	Retrofit	N/A	N/A
		ADJUSTABLE	Triac, ELV	40°	0-35° Tilt, 360° Rotation	Retrofit	N/A	N/A
<b>MULTIPLES</b>	<b>BUILD-YOUR-OWN MULTIPLES</b>	ADJUSTABLE SPOT TRIMMED/ OPEN/BYOM	Triac, ELV, 0-10V	20°, 30°, 40°, 60°	0-35° Tilt, 360° Rotation	Flanged/ Flangeless	5"x5" Ceiling Cut-Out (1x1)	IC Airtight (Low Output Only) Non-IC Airtight Chicago Plenum
		GENERAL ILLUMINATION OPEN/BYOM	Triac, ELV, 0-10V	N/A	N/A	Flanged/ Flangeless	5"x5" Ceiling Cut-Out (1x1)	IC Airtight (Low Output Only) Non-IC Airtight Chicago Plenum
		WALL WASH OPEN/BYOM	Triac, ELV, 0-10V	N/A	N/A	Flanged/ Flangeless	5"x5" Ceiling Cut-Out (1x1)	IC Airtight (Low Output Only) Non-IC Airtight Chicago Plenum
<b>ENTRA</b>	<b>LED</b>	3" ADJUSTABLE/ WALL WASH	Triac, ELV or 0-10V (all standard)	20°, 40°, 65° (all included)	0-30° Tilt, 359° Rotation	Flanged/ Flangeless	4" Ceiling Cut-Out	IC Airtight Chicago Plenum
		3" REMODEL ADJUSTABLE/ WALL WASH	Triac, ELV or 0-10V (all standard)	20°, 40°, 65° (all included)	0-30° Tilt, 359° Rotation	Flanged/ Flangeless	4" Ceiling Cut-Out	Non-IC
		2" NICHE ADJUSTABLE	ELV, Triac	30°, 65° (all included)	N/A	Flanged	2.375" Ceiling Cut-Out	IC Airtight
		2" NICHE FIXED	ELV, Triac	30°, 65° (all included)	N/A	Flanged	2.375" Ceiling Cut-Out	IC Airtight
<b>REFLECTIONS</b>		5" APERTURE	Triac, ELV, 0-10V, Lutron, Dali, eldoLED	N/A	N/A	Flanged/ Flangeless	Trim Aperture: 4" Ceiling Aperture: 6"	IC Airtight Chicago plenum
		8" APERTURE	Triac, ELV, 0-10V, Lutron, Dali, eldoLED	N/A	N/A	Flanged/ Flangeless	Trim Aperture: 6.05" Ceiling Aperture: 8.05"	IC Airtight Chicago Plenum
		12" APERTURE	Triac, ELV, 0-10V, Lutron, Dali, eldoLED	N/A	N/A	Flanged/ Flangeless	Trim Aperture: 10.55" Ceiling Aperture: 12.55"	IC Airtight Chicago Plenum

Visit [techlighting.com](http://techlighting.com) for specific warranty limitations and details. See [techlighting.com](http://techlighting.com) for dimmer compatibility. All values measured at 3000K/80 CRI, unless specified.

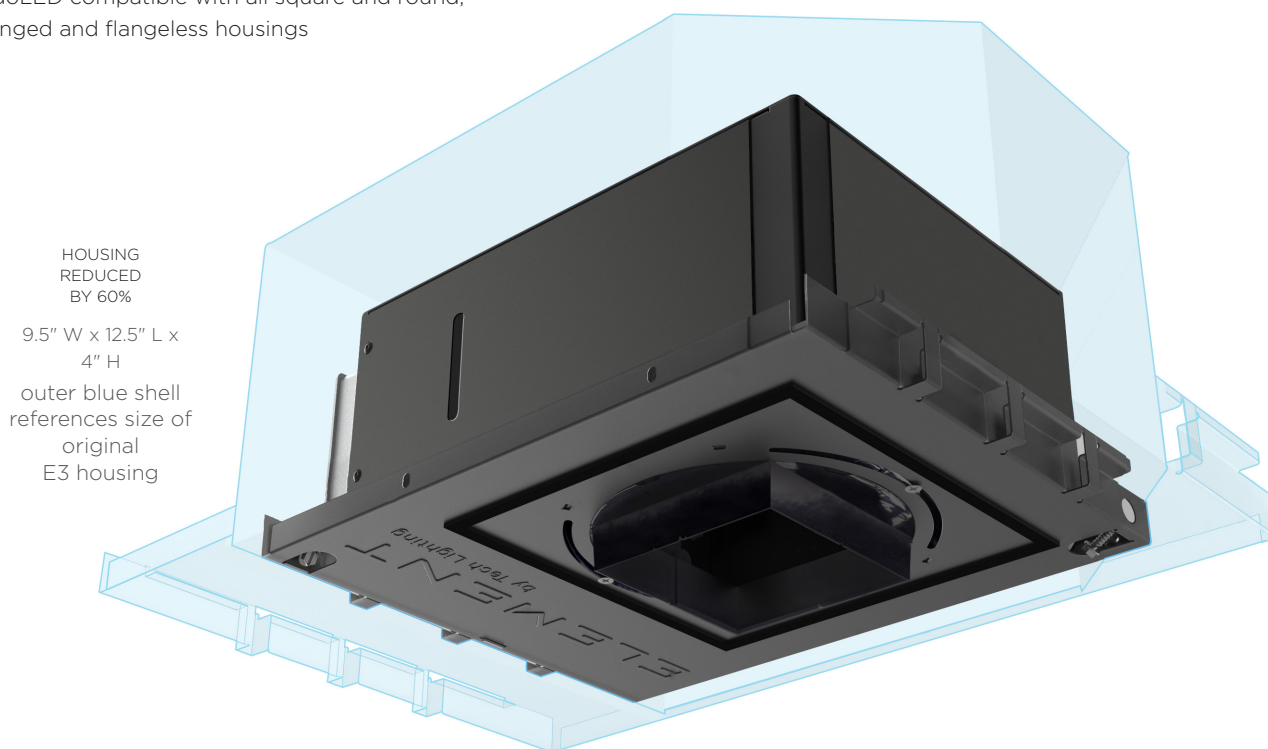
# INTRODUCING THE NEXT GENERATION

## ELEMENT'S NEW AND IMPROVED 3" DOWNLIGHTS

Since inception, Tech Lighting's ELEMENT line of architectural downlights has continually innovated to meet the performance and functionality demands of professional lighting specifiers. Now, with a dramatic redesign of its core platforms, Tech Lighting is introducing the Next Generation of ELEMENT Downlights, which further improves upon ELEMENT's most popular features.

### IMPROVED DESIGN AND PERFORMANCE

- Housing size reduced by 60% (ELEMENT 3" Adjustable Housing)
- Increased efficacy: 11% wattage reduction while maintaining lumen output
- 2-step McAdam ellipses standard
- Premium dimming: <1% standard for Triac/ELV
- Driver options: Lutron Hi-Lume/Ecosystem and eldoLED compatible with all square and round, flanged and flangeless housings
- Xicato Standard and Artist Series LED options
- Best-in-Class Wall Wash
- True 10° optic (19, 414 CBCP)
- High output warm dim, <1% standard for Triac/ELV dimming (1300 lumens, 3000-1800K)



### ENHANCED QUIET CEILING FEATURES

- LED Module aiming mechanism hardware minimized and moved away from the aperture to reduce visibility from below the ceiling
- Housing interior features low reflectance black paint to minimize flash and visibility of housing structure
- Specular reflector shielding options to close interior visibility

### SIMPLIFIED INSTALLATION AND SERVICE

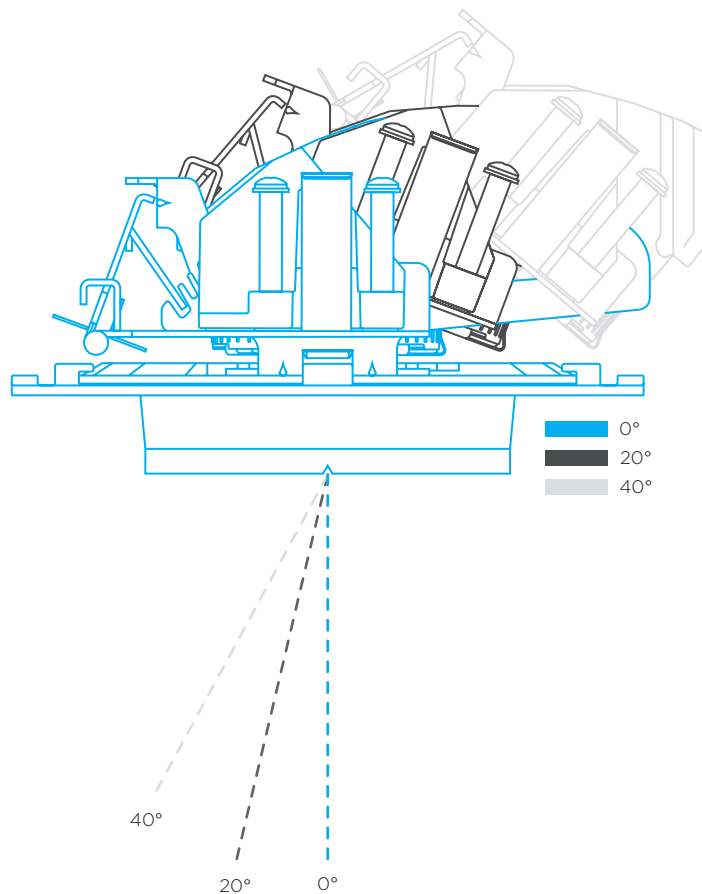
- Simple twist-off cap for optics change out
- Easy-access LED module allows simple CCT changes or Warm Color Dimming upgrade from below the ceiling
- 45° collar adjustment across the Next Gen 3" platform for precise alignment of square trims

# TOOL-FREE AIMING & POSITION LOCKING FOR EASY ADJUSTMENT IN CRITICAL SITUATIONS

With a keen understanding of the challenges that face lighting designers whether it be in commercial spaces where light levels and aiming are critical, or in residential settings where comfort and ambiance are the measure of a lighting design's success, ELEMENT engineers have set new standards for aiming and scene-setting.

## 40° TILT, HOT-AIMING

- Center beam maintained through aperture during tilt
- Tool-free tilt and lock with fixture powered on



## PATENTED HIGH-LOW LAMP POSITIONS

- Innovative high-low functionality allows lamp placement in low position for maximum light output or high position for a quieter ceiling and to reduce glare
- Helps reduce cut-off at severe angles



0° Tilt



40° Tilt

## 361° ROTATION

- Easy to use cam lever for rotation lock
- Moving rotation stop allows for up to 361° rotation without dead spots



Tool-Free Locking



361° Pan Rotation



Low-Position



High-Position

# TECHNOLOGY

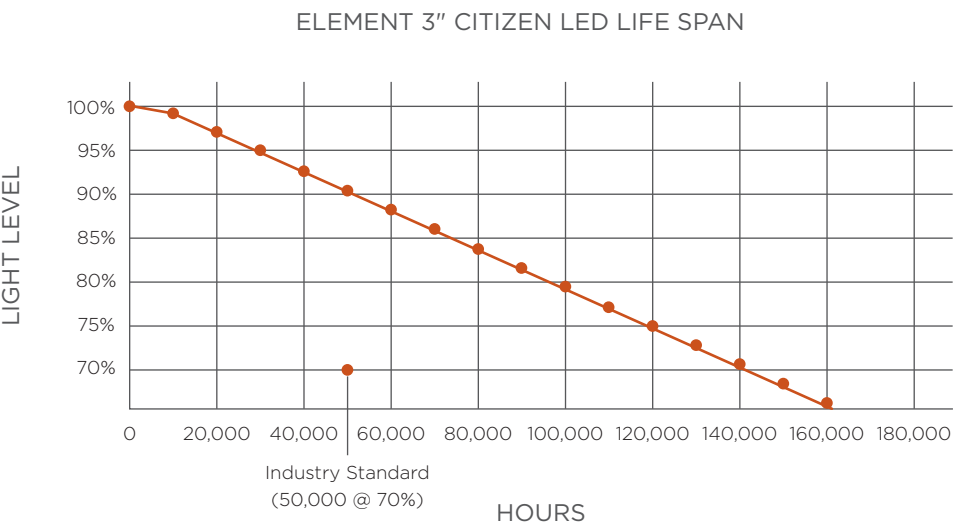
## TO DELIVER PERFORMANCE & CHOICE

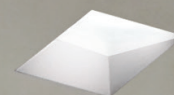
ELEMENT engineers are constantly working with the latest technologies to deliver LED illumination with a longer life, less energy consumption, greater light output, and minimal color shift or degradation. As LED technology advances and lighting designers become more discerning and demanding ELEMENT fixtures are continually updated with cutting edge options and quality.

- Choice of lumen output to create ideal lighting designs appropriate to an environment.  
Max Output: 3572 lumens
- Multiple CCT static white light options, 2-step MacAdam ellipses standard to ensure consistency fixture to fixture
- Warm Color Dimming to mimic traditional incandescent dimming, including solutions that follow the black body curve
- Multiple CRI options for accurate and consistent color rendering appropriate to an environment
- Multiple Driver options to meet numerous dimming protocols including premium Triac/ELV dimming down to 1% standard
- Agnostic fixture design accepts a wide variety of LED Module options: Xicato, Xicato Artist Series, Citizen Static White and Warm Color Dimming
- Long Life LEDs: L70-50,000 hours as our minimum

## EXCEEDING INDUSTRY STANDARDS

With ELEMENT, designers can be confident in the LED performance maintaining output and color quality for years of continuous use. All ELEMENT LED modules are engineered and tested to exceed the highest industry standards.





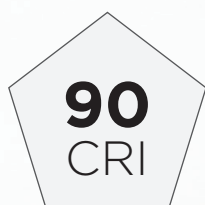
## COLOR CONSISTENCY

ELEMENT fixtures offer a range of static white CCT's, as well as warm color dimming and programmable white options, with 2-step MacAdam ellipses standard to maintain consistency fixture to fixture.

80+ to 95+ CRI options deliver accurate and consistent color rendering to meet all needs.

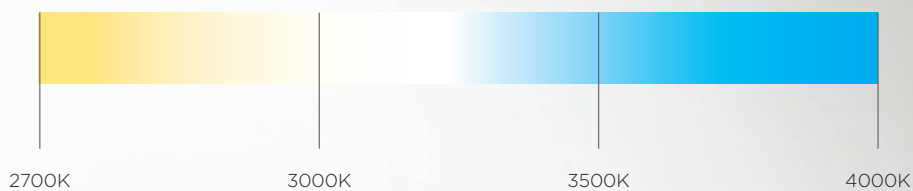


Accurate colors with maximum efficacy



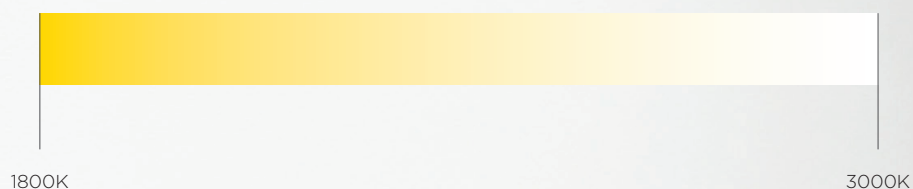
Color rendering for more demanding applications

### STATIC WHITE



Color rendering for more demanding applications

### WARM DIM



# LED LAMPING

## TO MEET EXACTING PERFORMANCE CRITERIA

ELEMENT Downlight platforms were specifically designed to offer specifiers a variety of LED solutions. The innovative ELEMENT design allows our downlight series to maintain an LED agnostic platform, easily adapting to today's most relevant LED offerings as well as new LED technologies as they are developed in the future. This flexibility empowers the design community to select an LED solution that best fits the design criteria and performance preferences for a given project, while maintaining the specifier's confidence in ELEMENT's thoughtful engineering and aesthetic appeal. Today ELEMENT offers a variety of LED modules, each with a distinct set of features and benefits.

### DOWNLIGHT MODULES SELECTION GUIDE

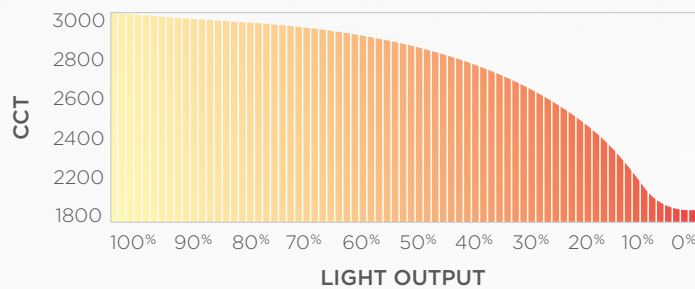
	CITIZEN						CITIZEN WARM DIM					XICATO				
	2"		3"		4"		2"	3"		4"		3"		4"		
	HIGH	LOW	HIGH	LOW	HIGH	LOW	LOW	HIGH	LOW	HIGH	LOW	STANDARD SERIES	ARTIST SERIES	STANDARD SERIES	ARTIST SERIES	
DELIVERED LUMENS	1500 / 1250	1163 / 930	1800 / 1450	1319 / 1124	3200 / 2584	1800 / 1450	850	1300	900	2374	1300	1129	945	2195	1927	
WATTS	17	12.4	17	12	31	17	12	17	12	31	17	15	15	24	26	
EFFICACY	88 / 73	93 / 75	106 / 82	110 / 94	103 / 81	116 / 93	71	76	75	74	76	78	60	89	74	
CRI	80+/90+						90+					80+	95+	80+	95+	
COLOR CONSISTENCY	2-Step						3-step					1x2 step				
CBCP	20° - 5136 30° - 4644 40° - 3050 60° - 1764		10°-19,414 15°-5848 25°-5416 40°-3369 60°-2305		10°-19,414 (low) 18°-10,240 25°-8634 40°-5513 60°-3405		20° - 5136 30° - 4644 40° - 3050 60° - 1764		15°-N/A 25°-N/A 40°-1622		18°-N/A 25°-N/A 40°-2381		21°-3184 43°-1644 60°-1014		21°-5306 43°-2740 60°-1690	
CCT OPTIONS	2700K, 3000K or 3500K						3000K-1800K Warm Dim					2700K, 3000K or 3500K**				
DIMMING*	Triac, ELV (down to 1%) 0-10V (down to 5%) Lutron Hi-lume Ecosystem Fade-To-Black or PWM (down to 1%) eldoLED 0-10V or Dali (down to 0.1%)															

\*See techlighting.com for dimmer compatibility.  
\*\*3500K Xicato module not available for Artist series.  
Data in chart reflect 3000K/80 CRI values unless noted.

## WARM DIM

### ELEMENT 2", 3" & 4"

- Best in class output and efficacy
- Dimmable with a variety of different dimming protocols, including Triac/ELV
- Reminiscent of the warm color dim of a traditional halogen source



## STATIC WHITE

### HIGH PERFORMANCE CITIZEN LED (ELEMENT 2", 3" & 4", MULTIPLES & BYOM)

- Long life with excellent color over angle control
- Highest lumens/watt efficacy
- Precision TIR optics for optimal beam control

## XICATO

### FEATURING COLD PHOSPHOR (ELEMENT 3" & 4")

- Premium quality of light maintained over time
- Artist Series with 95+ CRI when color quality matters most
- 1x2 step color consistency
- TM-30 color fidelity (Rf) 96  
TM-30 color gamut (Rg) 103

LED  
(2700K, 3000K, 3500K)

LED HOLDER

OPTIC CAGE

OPTIC BEZEL  
10°, 15°, 25°, 40°,  
60°, interchangeable

OPTIC HOLDER

LENS\*

LENS SPRING  
(can accept up to  
two lenses)

3" CITIZEN  
LED MODULE

\*Lens only available for Citizen Module

# DIMMING OPTIONS

Controls are becoming an increasingly integral part of design, allowing precision light layering that supports circadian rhythm, mood setting or dramatic effects. With an increased focus on quality of light and energy consumption, ELEMENT offers a variety of solutions for even the most discerning dimming needs. The list below is the full range of dimming protocols offered throughout the ELEMENT line of recessed products. Consult product specification sheets for specific dimming protocols available for the wide variety of housing configurations for applicable protocols.

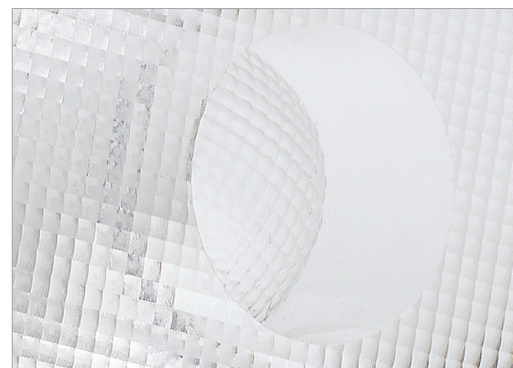
- Triac/ELV standard 1%
- 0-10V standard 5%
- eldoLED 0-10V 1.0%
- eldoLED 0-10V 0.1%
- eldoLED Dali 0.1%
- Dali
- Lutron Hi-lume Ecosystem Fade-to-Black 0.1%
- Lutron 2-wire 1.0%



# OPTICS

## TIR OPTICAL CONTROL

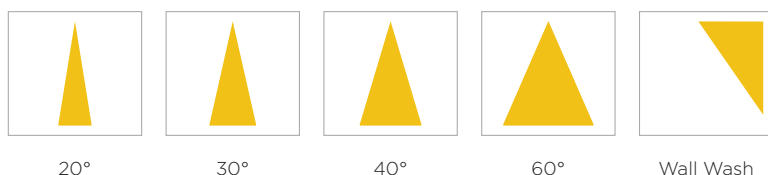
ELEMENT typically utilizes precision TIR optics which capitalize on characteristics unique to LEDs. Custom designed precision TIR optics were developed to optimize light performance and beam control by directing light from the Light Emitting Surface (LES) to the TIR's internal reflector design which creates a tightly controlled beam. Micro optic "pillows," unique to ELEMENT, are utilized to ensure the beam is clean, smooth and defined. ELEMENT TIR optical controls allow optimized efficacy, beam shape and lux-on-target to deliver a superior experience.



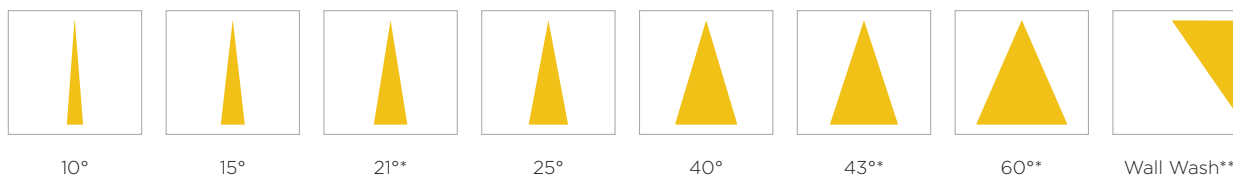
Custom designed ELEMENT TIR optics create exceptionally well-defined precision beams of light using micro optic "pillows" unique to ELEMENT.

## BEAM SPREADS

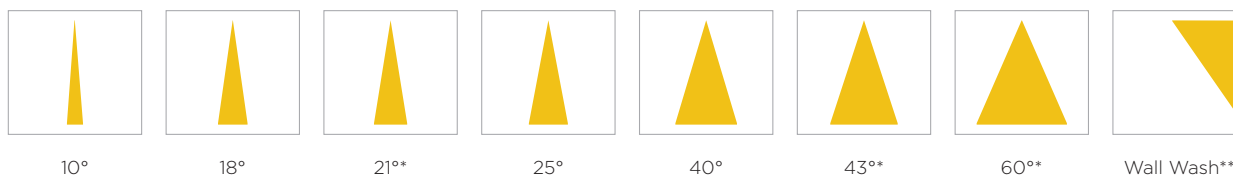
### 2" DOWNLIGHTS



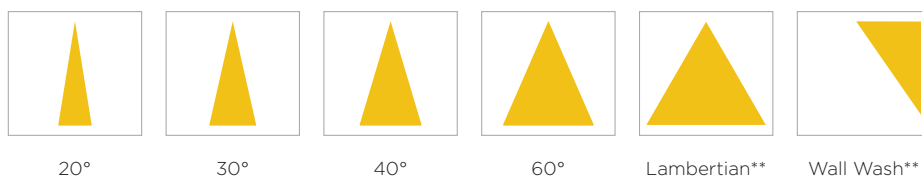
### 3" DOWNLIGHTS



### 4" DOWNLIGHTS



### MULTIPLES/BYOM



\*Utilize reflector optical controls for Xicato modules.

\*\*Trim mounted assembly.

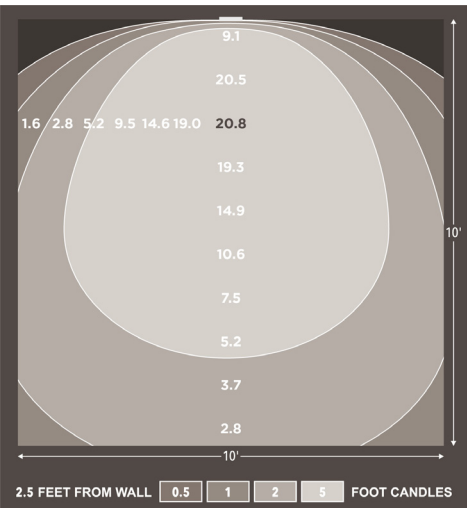
# WALL WASH SOLUTIONS

ELEMENT Wall Wash sets a new performance benchmark for recessed downlights. Tech Lighting deliberately set about creating best-in-class recessed wall wash downlights and successfully met the challenge with its new ELEMENT 3" and Multiples wall wash solutions. These ELEMENT Wall Wash solutions create a beautifully uniform high output flood of LED light without scalloping or hot spots, eliminating shadows and emphasizing the smoothness of a wall from top to bottom.

Ideal for hotels, office reception areas, art galleries or museums, as well as for residential applications, ELEMENT recessed wall wash products make a statement by calling attention to architectural details, artwork, fireplaces, wall hangings and more. ELEMENT allows lighting designers to use wall washing to create a smooth luminous background for people and furnishings by dramatically emphasizing vertical surfaces to make a room appear larger and more spacious.

## NEW ELEMENT 3" WALL WASH FEATURES:

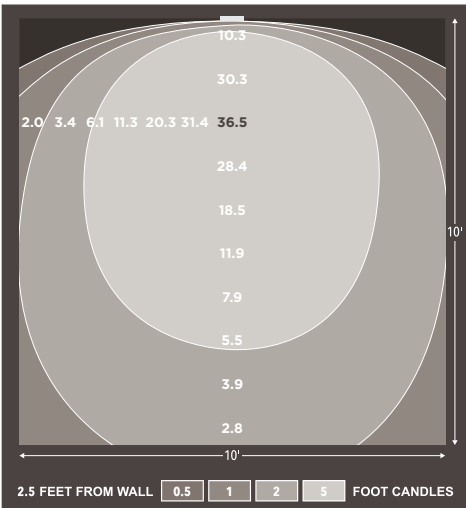
- A trim-mounted assembly that can also be used to retrofit ELEMENT adjustable and fixed downlight housings
- Delivered Lumens: 1340 lms/17 watts; 21 peak fc (mounted 2.5 ft from wall)
- 79 efficacy (l/w)
- Max Vertical Luminance Ratio: 14 (2.5 ft set-back, 10 ft ceiling)
- Max Horizontal Luminance Ratio: 39 (2.5 ft set-back, 10 ft ceiling)
- Distance from ceiling to 1 foot candle: 1 inch
- Round or square trims; available in white, black, satin nickel and antique bronze
- Flanged or flangeless installation
- CCT: 2700K, 3000K, 3500K, Warm Dim
- Triac, ELV, 0-10V, Lutron Hi-lume, eldoLED



E3 Next Generation

## ELEMENT MULTIPLES WALL WASH FEATURES:

- Multiples Wall Wash Light Modules can be used individually in a 1x1 multiples housing or combined with additional Wall Wash, General Illumination or Adjustable Spot Light Modules in Multiples Open 1x2, 1x3, 1x4, or 2x2 housings
- Delivered Lumens: 1610 lms/17 watts; 37 peak fc (mounted 30" from wall)
- 90 efficacy (l/w)
- Max Vertical Luminance Ratio: 13
- Max Horizontal Luminance Ratio: 44
- Distance from ceiling to 1 foot candle: 2 inch
- Flanged or flangeless installation
- CCT: 2700K, 3000K, 3500K
- Triac, ELV, 0-10V, Lutron Hi-lume, eldoLED



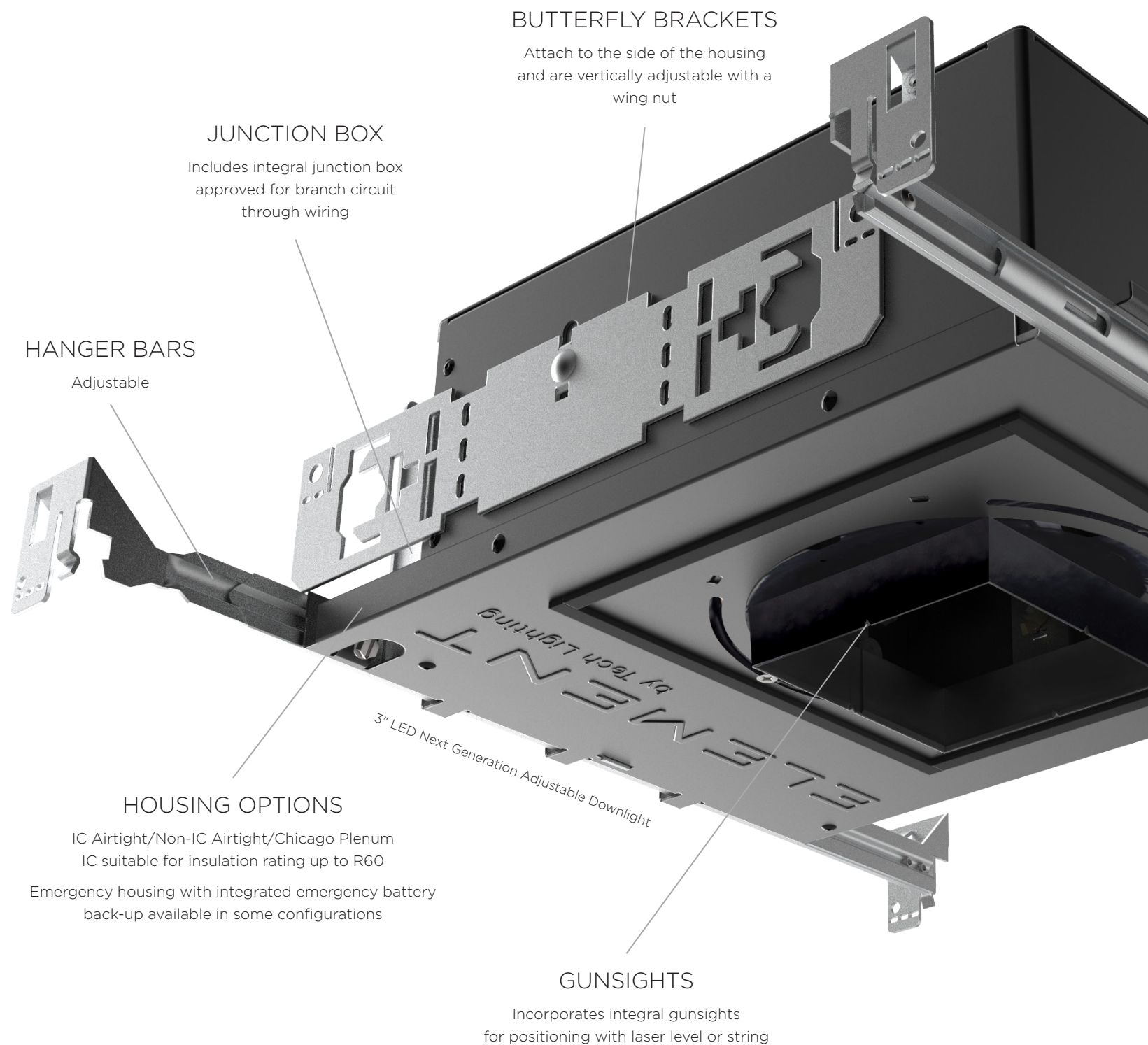
Multiples



# HOUSINGS

## TO MEET EVERY CODE AND ENVIRONMENT

Built to stand the test of time, as well as to withstand the rigors of busy construction sites, ELEMENT housings are designed to be contractor and construction code friendly.



## HOUSING HEIGHTS

3" HALOGEN ADJUSTABLE IC	9"
2" AND 4" LED ADJUSTABLE IC	5.3"
3" LED ADJUSTABLE AND LOW-PROFILE IC	4"
3" LED LOW-PROFILE FIXED IC	3.4"
3" LED ULTRA-SHALLOW FIXED IC	2"

## FINISH

Durable matte black powder coat finish reduces internal glare

## COLLAR

45° alignment rotation

## MATERIAL

Heavy gauge cold-rolled steel

## REMODEL VERSIONS ALSO AVAILABLE

- Flangeless installation option for seamless ceiling appearance
- Patented high-low lamp positioning and lockable tool-free hot-aiming mechanism with 0-40° tilt and 361° rotation
- Allows below the ceiling servicing and installation



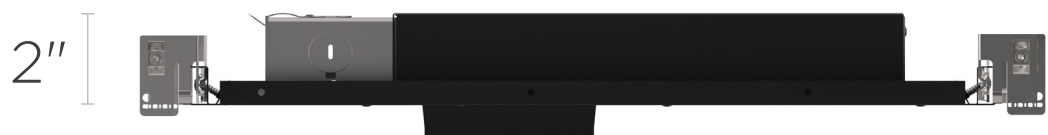
3" Remodel Adjustable Downlight



## THUMB SCREWS

facilitate ease of servicing driver compartment while ensuring fixture remains airtight after installation (3" & 4" housings)

## SPECIAL APPLICATION ULTRA-SHALLOW HOUSING



Small aperture 3" LED Downlight uses standard ELEMENT 3" trims in an ultra-shallow height of 2", ideal for shallow or crowded plenum spaces. Provides the same output and warm dim options as the rest of the 3" LED line; suitable for IC applications.

# A QUIET CEILING

ELEMENT Downlight engineers are focused on producing refined light without the distractions of glare or visibility of the mechanical elements inside the fixture. The concept of a quiet ceiling means that a downlight enhances the experience of an environment by highlighting art, furniture, and architecture; by improving visual comfort while performing specific tasks; and by creating an emotional mood for a space...all without calling attention to the fixture itself. Creating visibility while becoming invisible.

- Innovative high-low functionality allows designers the choice of lamp placement in the low position for maximum light output or high position to reduce glare and flash on trim
- LED Module aiming mechanism hardware hidden to minimize visibility from below the ceiling
- Mechanism features low reflectance black paint to minimize flash and visibility of housing structure
- Trim-mounted Specular Reflector options reduce glare and eliminate visibility into the housing
- Flangeless trims create a smooth, seamless transition from the ceiling to the light aperture
- White trims are paintable to completely blend with room decor

## SPECULAR REFLECTORS

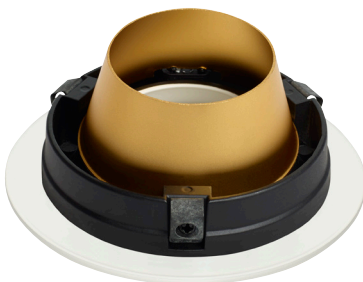
ELEMENT Specular Reflectors reduce glare while creating a clean, quiet ceiling appearance. Featuring anodized aluminum construction Specular Reflectors are available in black for a minimal look as well as in gold or silver for adding decorative accents. Specular Reflectors fit most ELEMENT trims and housings and do not affect light performance, color or output.



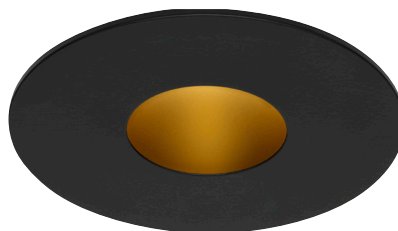
Shown in silver  
(reflector only)



Shown in black  
(reflector only)



Shown in gold  
(trim mounted)



Shown in gold  
(below ceiling view)



Shown in gold  
(below ceiling view)

# SIZE COMPARISON

## CONSISTENT FEATURES AND OPTIONS

### FLANGED OR FLANGELESS

to meet any requirements, flangeless installation includes mud plate for smooth seamless ceiling to aperture transitions

### FLAT OR BEVEL

designs to meet the desired aesthetic and light output

### DELIBERATE EDGE DESIGN

to eliminate light leak

### MINIMAL FLANGE THICKNESS

to avoid bulky, obtrusive flange appearance



4" square/flangeless/flat/white  
(Actual size)



3" square/flangeless/flat/white  
(Actual size)



2" square/flangeless/flat/white  
(Actual size)

# TRIMS

## TO ENSURE EVERY DETAIL IS PERFECTLY EXECUTED

Though a trim may be considered the simplest aspect of the downlight’s engineering, it plays a significant role in the “at the ceiling” experience of ELEMENT products. How the ceiling is finished at the downlight and how the light moves through the aperture are critically affected by trim design. No warping. No sagging.

### TWO-TONE FINISH

features a painted black interior for reduced glare and flash (black powder coat, white powder coat [paintable], and satin nickel or antique bronze plated finishes)

### PRECISION TENSION SPRINGS

heat-treated for optimal strength and solid mechanical mounting engagement for a tight fit with no sagging (ELEMENT 2" & 3" flangeless trims utilize precision tension ball catches)

### ONE PIECE DIE-CAST

for clean, seamless corners and rugged durability that will not warp over time

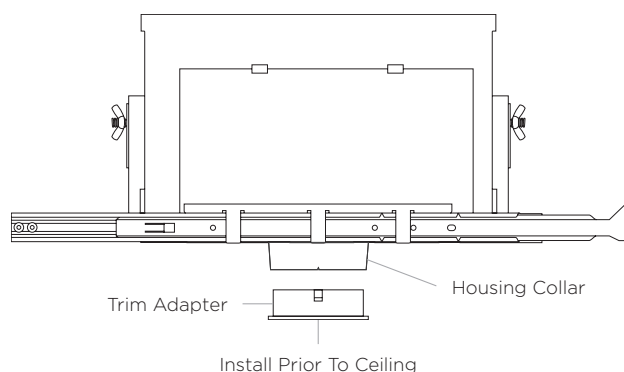
SHAPE	CEILING APPEARANCE	STYLE	FINISH		WALL WASH
Square	Flanged	Bevel	White	Satin Nickel	
Round	Flangeless	Flat	Antique Bronze	Black	

3" series images shown

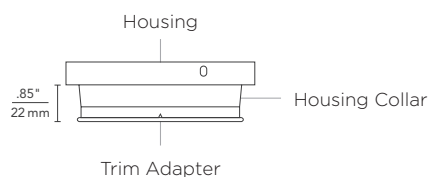
# FLANGELESS WOOD CEILING

## ADJUSTABLE TRIM ADAPTER

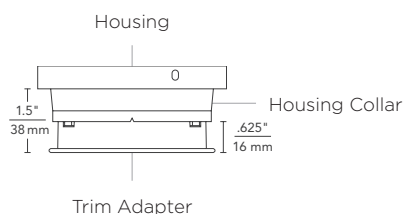
ELEMENT 3" wood ceiling housings ("WC" designation in the ordering grid) ship with an adjustable trim adapter that inserts into the housing aperture and allows standard ELEMENT 3" flangeless trims to achieve a truly flangeless, flush ceiling appearance in special applications such as wood or stone installation. For use in new construction.



### ADAPTER FLUSH



### ADAPTER EXTENDED



3" LED Adjustable Downlights with wood ceiling option (round/flangeless/bevel/antique bronze)

# DOWNLIGHT INSTALLATION

Installing ELEMENT is easy. Product includes butterfly brackets and adjustable steel hanger bars. Flanged trims have minimal thickness. Flangeless trims include a crack-resistant plaster plate with no-fill collar that installs after the ceiling to prevent plaster cracking by unifying the plate, ceiling and housing. Integral gunsights for positioning with laser levels ensure consistent alignment during installation.



Install housing to the ceiling joists with the adjustable steel hanger bars



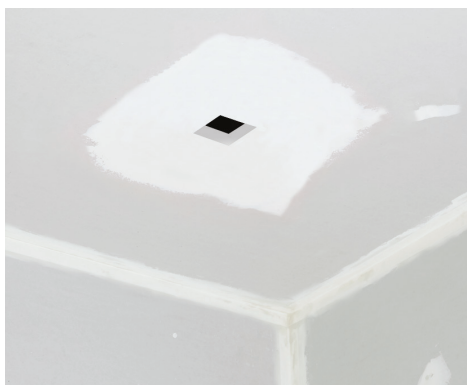
Mount wall board to ceiling and walls



Die-cast 3" mud plate



Sheet-metal 3" thin mud plate (optional)



Skim coat around the mud/plaster plate and up to the aperture for a seamless appearance



Sand and paint ceiling, then insert flangeless trim



Or select flanged trim

# MUD PLATES

## FOR A SEAMLESS FLANGELESS APPEARANCE

Creating a smooth transition from ceiling to downlight trim is dependent on an essential, though seemingly simple, installation piece. The mud plate (or plaster plate) is the bridge that creates the flangeless appearance from below the ceiling and allows plaster to be applied up to and around the trim aperture. Designing a mud plate that is durable and integral to the housing is critical for a beautiful ceiling finish. No seams. No cracks. No flexing.



### DIE-CAST

- Standard on ELEMENT 3", Multiples and BYOM
- Durable die-cast design eliminates warping for a smooth, seamless appearance
- Counter-sunk screw holes simplify mudding and sanding, and mechanically attach plate to the housing
- Integrated gunsights ensure optimal trim alignment
- Cardboard inserts protect housing from dust and plaster (used with all ELEMENT applications)



3" round die-cast

The standard 3" aperture die-cast mud plate (also standard on Multiples and BYOM housings) creates a tight, inflexible bond with the housing.

### SHEET-METAL

- Standard on ELEMENT 2" & 4", optional on 3"
- Thinner, meshed sheet-metal mud plates available for minimized plaster feathering to meet installer preference
- Cardboard inserts protect housing from dust and plaster (used with all ELEMENT applications)



3" round sheet-metal

Sheet-metal mud plates (standard on 2" and 4" housings and optional for 3" housings) allow for less plaster feathering in tightly configured downlight installations.



3" LED Adjustable Downlight (square/flangeless/bevel/white)

Private Residence by: dSpace Studio | Chicago, IL | Architects: Kevin Toukourmidis and Kathryn McRay | Lighting Designer: Anne Kustner



3" LED Adjustable Downlights (square/flangeless/bevel/white)

Private Residence by: dSpace Studio | Chicago, IL | Architects: Kevin Toukourmidis and Kathryn McRay | Lighting Designer: Anne Kustner



Ceiling: MERGE Suspended Linear Channel featuring Merge Drop-down Spot Heads and FreeJack Connector  
3" LED Adjustable Downlights (square/flangeless/bevel/white)

Wall: MERGE Recessed Linear Channel (flangeless) featuring Merge Recessed 90° "L" Turn Connector (flangeless)



3" LED Dual Adjustable Downlights (square/flangeless/bevel/white) | 3" LED Adjustable Downlights (square/flangeless/bevel/white)  
Private Residence by: dSpace Studio | Chicago, IL | Architects: Kevin Toukourmidis and Kathryn McRay | Lighting Designer: Anne Kustner

# ELEMENT DOWNLIGHTS

ELEMENT is a modern interpretation of specification-grade downlighting, expertly engineered to deliver critically specified light for any environment. Since its inception, ELEMENT has been defined by the needs and requirements of the design community. Our goal is to design for you—to help you solve real lighting challenges. We accomplish that because what matters to you also matters to us.



3" LED Fixed Downlights (round/flanged/bevel/satin nickel)  
Architect: WRNS | Lighting Designer: Pritchard Peck | Photographer: Mark Mahaney



Features

P. 9



2" Series

P. 33



3" Series

P. 41



4" Series

P. 79



6" Retrofit

P. 91



2" LED Adjustable Downlights (round/flangeless/bevel/white)

# 2"



2" square/flangeless/flat/white  
(Actual size)

## ELEMENT DOWNLIGHTS

Delivering impressive performance from an amazingly small 1.4" trim aperture, ELEMENT engineers designed a 2" platform that achieves a miniaturized, full featured, high output, adjustable LED downlight. Available for both new construction and remodel applications.

- Hot-aiming/locking mechanism offers 0-45° tilt, 361° rotation, high-low lamp positioning
- Round or square, flat or beveled, flanged or flangeless die-cast trims in four finishes
- Interchangeable optics: 20°, 30°, 40°, 60° and wall wash trim options
- Mechanism and junction box serviceable through ceiling aperture

## LED

Adjustable/Wall Wash

Remodel Adjustable/Wall Wash

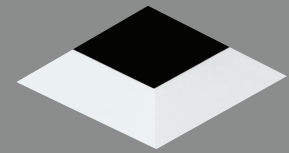




2" LED Adjustable Downlights (round/flangeless/bevel/white)

# 2"

**LED**  
Adjustable  
Downlight &  
Wall Wash



The ELEMENT 2" Adjustable Downlight delivers high performance through a 1.4" aperture and 2.5" trim (flangeless). Newly developed aiming/locking mechanism offers 0-45° tilt, 361° rotation, and ELEMENT's patented high-low lamp positioning. Flanged or flangeless, round or square, flat or beveled die-cast trims in four finishes. Interchangeable optics: 20°, 30°, 40°, 60° and dedicated wall wash trims offer a full suite of installation solutions. Suitable for use in .375"-2" ceiling thickness. (Note: Tilt may be restricted in thicker ceilings.)

- Tool-Free Aiming
- 0-45° Tilt
- 361° Rotation
- High/Low Lamp Positioning
- 2-Step Standard
- Trim Reflector Options
- Flanged/Flangeless Ceiling-Mounted Collar
- T-Grid/Flanged Housing-Mounted Collar
- Solite™ Soft Focus Lens Option
- Driver/Field Connections Serviceable Through Aperture

## SPECIFICATIONS

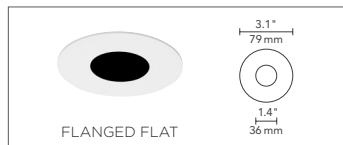
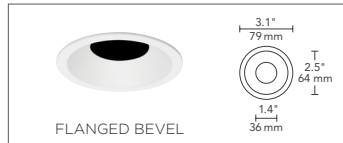
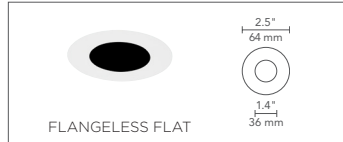
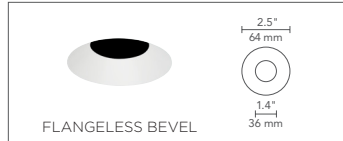
	HIGH OUTPUT (AT 3000K)		LOW OUTPUT (AT 3000K)		WARM DIM LOW OUTPUT
DELIVERED LUMENS	1500	1250	1163	930	850
WATTS	17		12		12
EFFICACY (L/W)	88	73	93	75	71
CRI	80+	90+	80+	90+	90+
CBCP	20° - 5136 30° - 4644 40° - 3050 60° - 1764				
CCT OPTIONS	2700K, 3000K, 3500K, Warm Color Dimming (3000K-1800K)				
COLOR CONSISTENCY	2-Step				
VOLTAGE	120V or 277V				
DIMMING*	Standard Phase Dimming (Down to <1%*) 0-10V (Down to 5%) Lutron Hi-Lume Ecosystem Fade-to-Black (Down to 0.1%) Lutron Hi-Lume 2-wire (Down to 1%) eLdoLED 0-10V or Dali (Down to 0.1%)				
POWER SUPPLY	Constant current driver with +.9 power factor and +80% efficiency				
OPTICS	20°, 30°, 40°, 60°, Wall Wash				
ADJUSTABILITY	0-45° tilt, 361° rotation, high-low lamp positioning				
CEILING APPEARANCE	Ceiling Mount: Flanged or Flangeless (both accommodate 3/8" to 2" ceiling thickness. Note: tilt restricted in thicker ceilings. Not for use with T-Grid (Acoustic Tile). Housing Mount: T-Grid/Flanged (for up to 1" ceiling thickness max).				
CEILING APERTURE	2.75" ceiling cut-out				
HOUSING	IC Airtight, Chicago Plenum. IC suitable for insulation rating up to R60.				
CONSTRUCTION	Housing: Heavy gauge cold rolled steel Trims: Die-cast aluminum				
FINISH	Housing: Black powder coat Trims: Antique Bronze, Black, Satin Nickel, White (paintable)				
GENERAL LISTING	ETL listed. Damp listed. Shower version wet listed.				
CALIFORNIA TITLE 24	Registered CEC Appliance Database. Can be used to comply with CEC 2016 Title 24 Part 6 for 90 CRI versions.				
LED LIFETIME	L70; 50,000 hours				
WARRANTY**	5 Years				

\*See ELEMENT-lighting.com for dimmer compatibility.

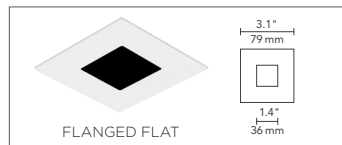
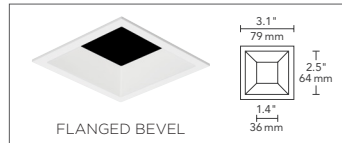
\*\*Visit ELEMENT-lighting.com for specific warranty limitations and details.

Data in chart reflect 3000K/80 CRI values unless noted. Output difference between CCTs ~ 5%, CRIs ~ 15%.

## ROUND TRIMS



## SQUARE TRIMS



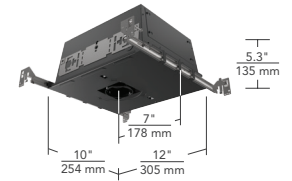
## WALL WASH



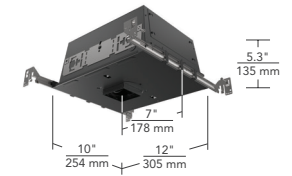
## FINISH OPTIONS



Available in white (paintable), black, satin nickel and antique bronze.



IC AIRTIGHT/CHICAGO PLENUM  
FLANGED/FLANGELESS CEILING MOUNT



IC AIRTIGHT/CHICAGO PLENUM  
T-GRID FLANGED HOUSING MOUNT

## ORDERING GRIDS

## HOUSING

PRODUCT SERIES	CEILING APPEARANCE	LAMP	CRI	COLOR TEMPERATURE	BEAM SPREAD**	FUNCTION	HOUSING RATING	DRIVER	VOLTAGE
<b>E2R</b> ELEMENT 2" ROUND	<b>L</b> FLANGELESS (CEILING MOUNT) <sup>††</sup>	<b>-LH</b> HIGH OUTPUT	<b>8</b> 80 CRI	<b>27</b> 2700K	<b>20</b> 20°	<b>A</b> ADJUSTABLE <sup>†††</sup>	<b>I</b> IC AIRTIGHT	STANDARD PHASE <1% <sup>†††</sup> (LEAVE BLANK)	120 VOLT (LEAVE BLANK)
<b>E2S</b> ELEMENT 2" SQUARE	<b>F</b> FLANGED (CEILING MOUNT) <sup>††</sup>	<b>-LO</b> LOW OUTPUT	<b>9</b> 90 CRI	<b>30</b> 3000K	<b>30</b> 30°		<b>C</b> CHICAGO PLENUM	<b>-010</b> 0-10V DIMMING	<b>-277</b> 277 VOLT
	<b>T</b> T-GRID/FLANGED (HOUSING MOUNT) <sup>††</sup>			<b>35</b> 3500K	<b>40</b> 40°			<b>-ELD0</b> ELDOLED .1% 0-10V LINEAR <sup>†</sup>	
				<b>WD</b> WARM DIM <sup>†</sup>	<b>60</b> 60°			<b>-ELD0A</b> ELDOLED .1% 0-10V LOGARITHMIC <sup>†</sup>	
								<b>-ELD1</b> ELDOLED 1% 0-10V LINEAR <sup>†</sup>	
								<b>-ELD1A</b> ELDOLED 1% 0-10V LOGARITHMIC <sup>†</sup>	
								<b>-ELDD</b> ELDOLED .1% DALI <sup>†</sup>	
								<b>-HLECO</b> HI-LUME .1% ECO-SYSTEM FADE-TO-BLACK <sup>†</sup>	
								<b>-HL2W</b> HI-LUME 1% 2 WIRE <sup>††</sup>	

TRIMS ARE REQUIRED AND MUST BE ORDERED SEPARATELY.

\*WARM DIM 90 CRI ONLY. ONLY AVAILABLE LOW OUTPUT.

\*\*30° BEAM SPREAD, OPTIMAL FOR WALL WASH USE.

\*\*\*ADJUST TO 15° TILT FOR WALL WASH APPLICATION.

†REMOTE MOUNT ONLY (REMOTE ENCLOSURE SUPPLIED BY OTHERS).

††FOR MAX 2" CEILING THICKNESS, MECHANISM AND COLLAR ARE FIELD ASSEMBLED TO THE CEILING, FLUSH.

†120V INPUT ONLY.

†††FOR MAX 1" CEILING THICKNESS, MECHANISM AND COLLAR ARE FACTORY ASSEMBLED TO THE HOUSING, TRIM EXTENDER COLLARS ARE REQUESTED FOR CEILING THICKNESSES GREATER THAN 0.500".

†††SEE DIMMER COMPATIBILITY CHART.

## TRIM

PRODUCT SERIES	CEILING APPEARANCE	STYLE	APERTURE	FINISH
<b>E2R</b> ELEMENT 2" ROUND	<b>L</b> FLANGELESS	<b>B</b> BEVEL	<b>-O</b> NO LENS	<b>Z</b> ANTIQUE BRONZE
<b>E2S</b> ELEMENT 2" SQUARE	<b>F</b> FLANGED**	<b>F</b> FLAT	<b>-H</b> SHOWER	<b>B</b> BLACK
	<b>F6</b> FLANGED TRIM EXTENDER, 0.500" - 0.625" CEILING THICKNESS***	<b>W</b> WALL WASH*	<b>-L</b> LENSED	<b>S</b> SATIN NICKEL
	<b>F7</b> FLANGED TRIM EXTENDER, 0.625" - 0.750" CEILING THICKNESS***		<b>-W</b> WALL WASH (LENSED)*	<b>W</b> WHITE
	<b>F8</b> FLANGED TRIM EXTENDER, 0.7500" - 0.875" CEILING THICKNESS***			
	<b>F1</b> FLANGED TRIM EXTENDER, 0.875" - 1.000" CEILING THICKNESS***			

\*WALL WASH STYLE TRIM (W) REQUIRES WALL WASH LENSED APERTURE (-W).

\*\*IF USED WITH T-GRID/FLANGED (T) STYLE HOUSING, FLANGED TRIMS WORK FOR 0.500" CEILING THICKNESS WITHOUT TRIM EXTENDERS.

\*\*\*FOR USE WITH T-GRID/FLANGED (T) STYLE HOUSING AND CEILING THICKNESS GREATER THAN 0.500".

## REPLACEMENT OPTICS

PRODUCT SERIES	BEAM SPREAD
<b>353LEDGATOPT</b>	<b>20</b> 20°
	<b>30</b> 30°
	<b>40</b> 40°
	<b>60</b> 60°

## LENSES/LOUVERS

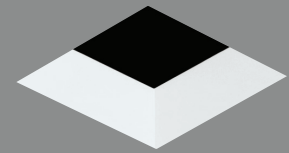
PRODUCT SERIES	TYPE
<b>MOC</b>	<b>GG</b> PLAIN GLASS
	<b>SF</b> SOFT FOCUS
	<b>LL</b> LINEAR SPREAD
	<b>EC</b> EGGCRATE LOUVER
	<b>LS1</b> 1" LONG SNOOT
	<b>LS12</b> 1/2" LONG SNOOT

## APERTURE SHIELD FOR CEILING THICKER THAN 1"

PRODUCT SERIES	CEILING APPEARANCE	FINISH
<b>E2R</b> ELEMENT 2" ROUND	<b>AC</b> APERTURE COLLAR FOR UP TO 2" THICK CEILINGS	<b>B</b> BLACK
<b>E2S</b> ELEMENT 2" SQUARE		

# 2"

**LED**  
Remodel  
Adjustable  
Downlight &  
Wall Wash



The ELEMENT 2" Remodel Adjustable Downlight delivers high performance through a 1.4" aperture and 2.5" trim (flangeless). Newly developed aiming/locking mechanism offers 0-45° tilt, 361° rotation, and ELEMENT's patented high-low lamp positioning. Flanged or flangeless, round or square, flat or beveled die-cast trims in four finishes with wet-listed options. Interchangeable optics: 20°, 30°, 40°, 60° and dedicated wall wash options. Suitable for use in .375"-2" ceiling thickness (Note: Tilt may be restriction in thicker ceilings.)

- Tool-Free Aiming
- 0-45° Tilt
- 361° Rotation
- High/Low Lamp Positioning
- 2-Step Standard
- Trim Reflector Options
- Flanged/Flangeless Ceiling-Mounted Collar
- T-Grid/Flanged Housing-Mounted Collar
- Solite™ Soft Focus Lens Option
- Driver/Field Connections Serviceable Through Aperture

## SPECIFICATIONS

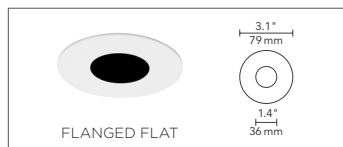
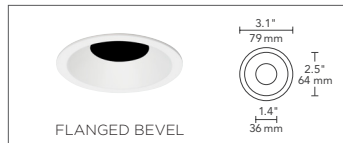
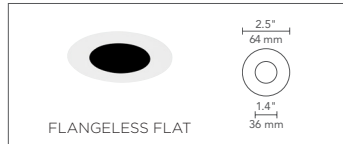
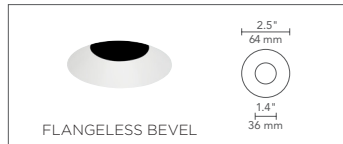
	HIGH OUTPUT (AT 3000K)		LOW OUTPUT (AT 3000K)		WARM DIM LOW OUTPUT
DELIVERED LUMENS	1500	1250	1163	930	850
WATTS	17		12		12
EFFICACY (L/W)	88	73	93	75	71
CRI	80+	90+	80+	90+	90+
CBCP	20° - 5136 30° - 4644 40° - 3050 60° - 1764				
CCT OPTIONS	2700K, 3000K, 3500K, Warm Color Dimming (3000K-1800K)				
COLOR CONSISTENCY	2-Step				
VOLTAGE	120V or 277V				
DIMMING*	Standard Phase Dimming (Down to <1%*) 0-10V (Down to 5%) Lutron Hi-Lume Ecosystem Fade-to-Black (Down to 0.1%) Lutron Hi-Lume 2-wire (Down to 1%) eLdoLED 0-10V or Dali (Down to 0.1%)				
POWER SUPPLY	Constant current driver with +.9 power factor and +80% efficiency				
OPTICS	20°, 30°, 40°, 60°				
ADJUSTABILITY	0-45° tilt, 361° rotation, high-low lamp positioning				
CEILING APPEARANCE	Flanged or Flangeless (both accommodate 3/8" to 2" ceiling thickness. Note: tilt may be restricted in thicker ceilings). Not for use with T-Grid (Acoustic Tile).				
CEILING APERTURE	2.75" ceiling cutout				
HOUSING	Non-IC				
CONSTRUCTION	Trims: Die-cast aluminum				
FINISH	Housing: Black powder coat Trims: Antique Bronze, Black, Satin Nickel, White (paintable)				
GENERAL LISTING	ETL listed. Damp listed. Shower version wet listed.				
LED LIFETIME	L70; 50,000 hours				
WARRANTY**	5 Years				

\*See ELEMENT-lighting.com for dimmer compatibility.

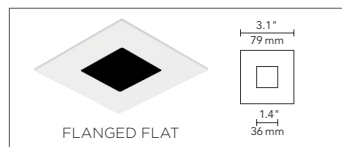
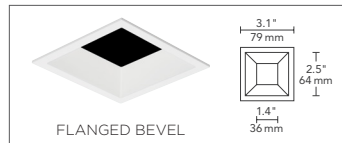
\*\*Visit ELEMENT-lighting.com for specific warranty limitations and details.

Data in chart reflect 3000K/80 CRI values unless noted. Output difference between CCTs ~ 5%, CRIs ~ 15%.

## ROUND TRIMS



## SQUARE TRIMS



## WALL WASH



## FINISH OPTIONS



Available in white (paintable), black, satin nickel and antique bronze.



NON-IC

## ORDERING GRIDS

## HOUSING

PRODUCT SERIES	CEILING APPEARANCE	LAMP	CRI	COLOR TEMPERATURE	BEAM SPREAD**	FUNCTION	HOUSING RATING	DRIVER	VOLTAGE
<b>E2R</b> ELEMENT 2" ROUND	<b>RL</b> REMODEL FLANGELESS	<b>-LH</b> HIGH OUTPUT	<b>8</b> 80 CRI	<b>27</b> 2700K	<b>20</b> 20°	<b>A</b> ADJUSTABLE***	<b>N</b> NON-IC	STANDARD PHASE <1%* (LEAVE BLANK)	120 VOLT (LEAVE BLANK)
<b>E2S</b> ELEMENT 2" SQUARE	<b>RF</b> REMODEL FLANGED	<b>-LO</b> LOW OUTPUT	<b>9</b> 90 CRI	<b>30</b> 3000K	<b>30</b> 30°				
				<b>35</b> 3500K	<b>40</b> 40°				
				<b>WD</b> WARM DIM*	<b>60</b> 60°			<b>-010</b> 0-10V DIMMING	<b>-277</b> 277 VOLT

TRIMS ARE REQUIRED AND MUST BE ORDERED SEPARATELY.  
AT THIS TIME NOT AVAILABLE FOR GRID CEILING INSTALLATION.  
\*WARM DIM 90 CRI ONLY. ONLY AVAILABLE LOW OUTPUT.  
\*\*30° BEAM SPREAD, OPTIMAL FOR WALL WASH USE.  
\*\*\*ADJUST TO 15° TILT FOR WALL WASH APPLICATION.  
†SEE DIMMER COMPATIBILITY CHART.

## TRIM

PRODUCT SERIES	CEILING APPEARANCE	STYLE	APERTURE	FINISH
<b>E2R</b> ELEMENT 2" ROUND	<b>L</b> FLANGELESS	<b>B</b> BEVEL	<b>-O</b> NO LENS	<b>Z</b> ANTIQUE BRONZE
<b>E2S</b> ELEMENT 2" SQUARE	<b>F</b> FLANGED	<b>F</b> FLAT	<b>-H</b> SHOWER	<b>B</b> BLACK
		<b>W</b> WALL WASH*	<b>-L</b> LENSED	<b>S</b> SATIN NICKEL
			<b>-W</b> WALL WASH (LENSED)*	<b>W</b> WHITE

\*WALL WASH STYLE TRIM (W) REQUIRES WALL WASH LENSED APERTURE (-W).

## REPLACEMENT OPTICS

	BEAM SPREAD
<b>353LEDGATOPT</b>	<b>20</b> 20°
	<b>30</b> 30°
	<b>40</b> 40°
	<b>60</b> 60°

## LENSES/LOUVERS

	TYPE
<b>MOC</b>	<b>GG</b> PLAIN GLASS
	<b>SF</b> SOFT FOCUS
	<b>LL</b> LINEAR SPREAD
	<b>EC</b> EGGCRATE LOUVER
	<b>LS1</b> 1" LONG SNOOT
	<b>LS12</b> 1/2" LONG SNOOT

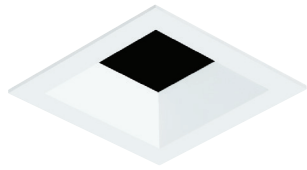
## APERTURE SHIELD FOR CEILING THICKER THAN 1"

PRODUCT SERIES	CEILING APPEARANCE	FINISH
<b>E2R</b> ELEMENT 2" ROUND	<b>AC</b> APERTURE COLLAR FOR UP TO 2" THICK CEILINGS	<b>B</b> BLACK
<b>E2S</b> ELEMENT 2" SQUARE		



3" LED Adjustable Downlights (square/flangeless/bevel/white)  
Architect: Meyer Architecture + Interiors | Photography: Jeffrey Totaro

# 34



## ELEMENT DOWNLIGHTS

Small aperture downlights offer full adjustability and unique patented high-low lamp positioning; high performance LED option packages; available in LED or Halogen platforms.

### LED

Adjustable  
Dual Adjustable  
Low-Profile Adjustable  
Remodel Adjustable  
Fixed  
Low-Profile Fixed  
Remodel Fixed  
Ultra-Shallow Fixed  
Wall Wash

### HALOGEN

Adjustable  
Dual Adjustable  
Low-Profile Adjustable  
Remodel Adjustable  
Fixed  
Low-Profile Fixed  
Wall Wash  
Transformers



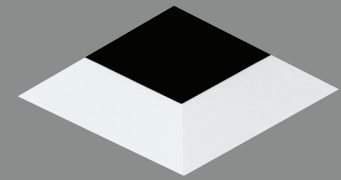
3" LED Fixed Downlights (square/flanged/bevel/white) | AIA Corporate Headquarters by: Studio B Architects + Interiors | Denver, Colorado  
Architect: Michael Piche | Lighting Designer: 186 Lighting Design Group | Photography: Raul J. Garcia Photography



3" LED Adjustable Downlights (round/flanged/bevel/white)  
Architect: WRNS | Lighting Designer: Pritchard Peck | Photographer: Mark Mahaney

# 3"




## LED Adjustable Downlight



The ELEMENT 3" Next Generation Adjustable recessed downlight features full adjustability with lockable, tool-free hot aiming. ELEMENT's patented high/low lamp positioning allows the LED to be positioned closer to the aperture for maximum light output and efficiency or higher to minimize glare and flash on the trim. Options include premium warm dimming options, Xicato and Xicato Artist Series LED options, flanged or flangeless trim options including a flangeless wood ceiling option.

- Tool-Free Aiming/Locking
- 0-40° Tilt
- 361° Rotation
- Patented High/Low Lamp Positioning
- 2-Step Standard
- Trim Reflector Options
- Solite™ Soft Focus Lens Option
- Lutron/eldoLED Driver Options
- Driver/Field Connections Serviceable Through Aperture
- Integral Junction Box Approved for Branch Wiring

### SPECIFICATIONS

						
	CITIZEN		CITIZEN WARM DIM		XICATO	
	HIGH OUTPUT	LOW OUTPUT	HIGH OUTPUT	LOW OUTPUT	STANDARD SERIES	ARTIST SERIES
DELIVERED LUMENS	1800 / 1450	1319 / 1124	1300	900	1129	945
WATTS	17	12	17	12	15	15
EFFICACY	106 / 85	110 / 94	76	75	75	63
CRI	80+ / 90+	80+ / 90+	90+		80+	95+
CBCP	10° - 19,414 18° - 5848 25° - 5416 40° - 3230 60° - 2305		15° - N/A 25° - N/A 40° - 1622		21° - 3184 43° - 2733 60° - 1014	
CCT OPTIONS	2700K, 3000K or 3500K		3000K-1800K Warm Dim		2700K, 3000K or 3500K***	
COLOR CONSISTENCY	2-Step					
VOLTAGE	120V or 277V					
DIMMING*	Standard phase dimming (Down to <1%*) 0-10V (Down to 5%) Lutron Hi-Lume Ecosystem Fade-To-Black (Down to 0.1%) Lutron Hi-Lume 2-Wire (Down to 1%) eldoLED 0-10V or Dali (Down to 0.1%)					
POWER SUPPLY	Constant current driver with +.9 power factor and +80% efficiency					
OPTICS	Field Changeable: 10°, 15°, 25°, 40°, 60° TIR				Field Changeable: 21°, 43°, 60° Reflector	
ADJUSTABILITY	Lockable hot-aiming 0-40° tilt, 361° rotation, high-low lamp positioning					
CEILING APPEARANCE	Flanged (Accommodates up to 2.5" ceiling thickness) or Flangeless					
CEILING APERTURE	3-7/8" ceiling cut-out					
HOUSING	IC Airtight, Non-IC Airtight, Chicago Plenum, IC suitable up to R60 spray foam insulation					
CONSTRUCTION	Housing: Heavy gauge cold rolled steel Trims: Die cast aluminum					
FINISH	Housing: Black Powder Coat Trims: Antique Bronze, Black, Satin Nickel, White (paintable)					
GENERAL LISTING	ETL listed. Damp listed. Shower version wet listed.					
CALIFORNIA TITLE 24	Registered CEC Appliance Database. Can be used to comply with CEC 2016 Title 24 Part 6 for 90 CRI versions.					
LED LIFETIME	L70; 50,000 hours					
WARRANTY**	5 years					

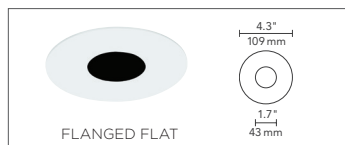
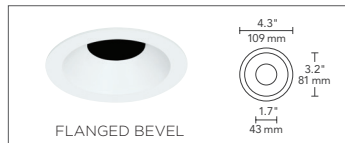
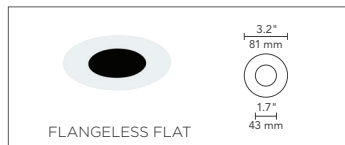
\*See ELEMENT-lighting.com for dimmer compatibility.

\*\*Visit ELEMENT-lighting.com for specific warranty limitations and details.

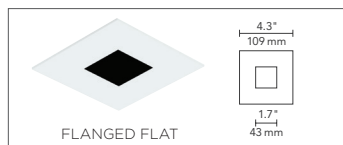
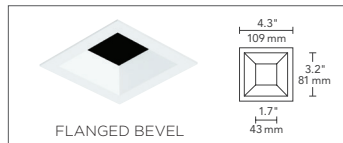
\*\*\*3500K Xicato module not available for Artist series.

Data in chart reflect 3000K/80 CRI values unless noted. Output difference between CCTs ~ 5%, CRIs ~ 15%. Consult Quotes Dept for alternate or custom driver selections. Accepts two optical controls and an optional trim-mounted lens.

## ROUND TRIMS



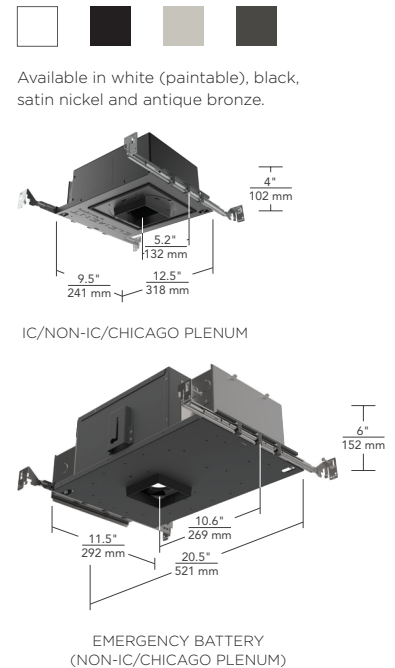
## SQUARE TRIMS



## WALL WASH



## FINISH OPTIONS



## ORDERING GRIDS

### HOUSING

PRODUCT SERIES	CEILING APPEARANCE	OUTPUT	CRI/CCT	BEAM SPREAD	FUNCTION	HOUSING RATING	DRIVER	VOLTAGE
<b>E3R</b> ELEMENT 3" ROUND	<b>LF</b> FLANGELESS	<b>-LH</b> HIGH OUTPUT, 17W	<b>827</b> 80 CRI, 2700K, 2-STEP	<b>0</b> 10° <sup>††</sup>	<b>A</b> ADJUSTABLE	<b>I</b> IC AIRTIGHT	STANDARD PHASE <1" (LEAVE BLANK)	120 VOLT (LEAVE BLANK)
<b>E3S</b> ELEMENT 3" SQUARE	<b>WC</b> WOOD CEILING*	<b>-LO</b> LOW OUTPUT, 12W	<b>830</b> 80 CRI, 3000K, 2-STEP	<b>1</b> 18°		<b>N</b> NON-IC AIRTIGHT	0-10V DIMMING	<b>-277</b> 277 VOLT
			<b>835</b> 80 CRI, 3500K, 2-STEP	<b>2</b> 25°		<b>C</b> CHICAGO PLENUM	ELDOLED 0.1% 0-10V LINEAR <sup>‡</sup>	
			<b>927</b> 90 CRI, 2700K, 2-STEP	<b>4</b> 40°		<b>E</b> EMERGENCY BATTERY (NON-IC / CHICAGO PLENUM)	ELDOLED 0.1% 0-10V LINEAR <sup>‡</sup>	
			<b>930</b> 90 CRI, 3000K, 2-STEP	<b>6</b> 60°			ELDOLED 1% 0-10V LINEAR <sup>‡</sup>	
			<b>935</b> 90 CRI, 3500K, 2-STEP				ELDOLED 1% 0-10V LINEAR <sup>‡</sup>	
			<b>WD</b> 90 CRI, 3000-1800K, WARM DIM, 3-STEP				ELDOLED 1% 0-10V LINEAR <sup>‡</sup>	
		<b>-X</b> XICATO, HIGH OUTPUT, 14W	<b>I27</b> 80 CRI, 2700K, 1X2-STEP, XICATO	<b>21</b> 21° XICATO			ELDOLED 1% 0-10V LOGARITHMIC <sup>‡</sup>	
			<b>I30</b> 80 CRI, 3000K, 1X2-STEP, XICATO	<b>43</b> 43° XICATO			ELDOLED 1% 0-10V LINEAR <sup>‡</sup>	
			<b>I35</b> 80 CRI, 3500K, 1X2-STEP, XICATO	<b>60</b> 60° XICATO			ELDOLED 1% 0-10V LOGARITHMIC <sup>‡</sup>	
			<b>A27</b> 95 CRI, 2700K, 1X2-STEP, XICATO ARTIST				ELDOLED 0.1% DALI <sup>‡</sup>	
			<b>A30</b> 95 CRI, 3000K, 1X2-STEP, XICATO ARTIST				LUTRON HI-LUME 1% 2 WIRE <sup>‡</sup>	
							LUTRON HI-LUME 0.1% ECO-SYSTEM FADE-TO-BLACK	

TRIMS ARE REQUIRED AND MUST BE ORDERED SEPARATELY.

\*WOOD CEILING OPTION ACCOMMODATES FLANGELESS TRIMS ONLY.

\*\*SEE DIMMER COMPATIBILITY CHART.

†HI-LUME HL2W & ELDOLED DRIVERS NOT COMPATIBLE WITH ROUND FLANGELESS (E3RLF) OR ROUND WOOD CEILING (E3RWC) HOUSINGS.

††NOTE: 10° OPTIC HAS A UNIQUE LED MODULE NOT AVAILABLE WITH WARM DIM. CHANGING OPTICS TO 10°, 25°, 40° OR 60°, WILL REQUIRE A NEW LED MODULE.

‡HL2W - TWO WIRE LOW-VOLTAGE ELECTRONIC DIMMING, 120V ONLY.

### TRIM

PRODUCT SERIES	CEILING APPEARANCE	STYLE	APERTURE	FINISH
<b>E3R</b> ELEMENT 3" ROUND	<b>L</b> FLANGELESS	<b>B</b> BEVEL	<b>-O</b> NO LENS	<b>Z</b> ANTIQUE BRONZE
<b>E3S</b> ELEMENT 3" SQUARE	<b>F</b> FLANGED UP TO 1" CEILING THICKNESS	<b>F</b> FLAT	<b>-H</b> SHOWER	<b>B</b> BLACK
	<b>F15</b> FLANGED 1.1"-1.5" CEILING THICKNESS		<b>-L</b> LENSED	<b>S</b> SATIN NICKEL
	<b>F20</b> FLANGED 1.6"-2.0" CEILING THICKNESS			<b>W</b> WHITE
	<b>F25</b> FLANGED 2.1"-2.5" CEILING THICKNESS			

WOOD CEILING OPTION ACCOMMODATES FLANGELESS TRIMS ONLY.

### REPLACEMENT REFLECTORS\*

PRODUCT SERIES	BEAM SPREAD
<b>352LEDXREF</b>	<b>21</b> 21°
	<b>43</b> 43°
	<b>60</b> 60°

\*FOR USE WITH XICATO MODULES ONLY.

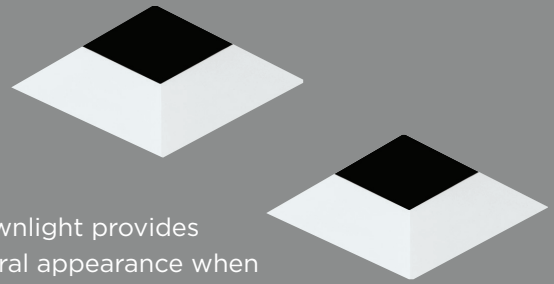
### WALL WASH TRIM

PRODUCT SERIES	CEILING APPEARANCE	FUNCTION	FINISH	-LED
<b>E3R</b> ELEMENT 3" ROUND	<b>L</b> FLANGELESS	<b>W</b> WALL WASH	<b>-Z</b> ANTIQUE BRONZE	-LED
<b>E3S</b> ELEMENT 3" SQUARE	<b>F</b> FLANGED		<b>-B</b> BLACK	
	<b>WC</b> WOOD CEILING		<b>-S</b> SATIN NICKEL	
			<b>-W</b> WHITE	

WOOD CEILING OPTION ACCOMMODATES WC FLANGELESS TRIMS ONLY.

# 3"

## LED Dual Adjustable Downlight



The ELEMENT 3" LED Dual Adjustable Downlight provides high performance and beautiful architectural appearance when design requirements for task or accent lighting require two closely spaced downlights with independent aiming capability. Designed to utilize the same trim pieces as the rest of the ELEMENT 3" series (two per housing). Complete independent adjustability allows for lockable hot-aiming with 0°-40° tilt and 361° rotation of both light modules. Wood ceiling option allows for a smooth, flangeless appearance using any flangeless trim.

- Dual Apertures, 10.3" on Center
- 0-40° Tilt
- 361° Rotation
- 2-Step Standard
- Solite™ Soft Focus Lens Option
- Lutron/eldoLED Driver Options
- Driver/Field Connections Serviceable Through Aperture
- Integral Junction Box Approved for Branch Wiring

### SPECIFICATIONS

	HIGH OUTPUT (AT 3000K)		LOW OUTPUT (AT 3000K)		WARM DIM HIGH LOW	
DELIVERED LUMENS	3600	2900	2658	2248	2600	1800
WATTS	34	34	24	24	34	24
EFFICACY	106	85	110	94	76	75
CRI	80+	90+	80+	90+	90+	90+
CBCP	10° - 19,414 18° - 5848 25° - 5410 40° - 3230 60° - 2305 (per aperture)					
CCT OPTIONS	2700K, 3000K, 3500K, or Warm Color Dimming (3000K-1800K)***					
COLOR CONSISTENCY	2-Step					
VOLTAGE	120V or 277V					
DIMMING*	Standard phase dimming (Down to <1%) 0-10V (Down to 5%) Lutron Hi-Lume Ecosystem Fade-To-Black (Down to 0.1%) Lutron Hi-Lume 2-wire (Down to 1%) eldoLED 0-10V or Dali (Down to 0.1%)					
POWER SUPPLY	Constant current driver with +.9 power factor and +80% efficiency					
OPTICS	Field Changeable: 10°, 15°, 25°, 40°, 60° TIR					
ADJUSTABILITY	Lockable hot-aiming 0-40° tilt, 361° rotation					
CEILING APPEARANCE	Flanged (Accommodates up to 2.5" ceiling thickness) or Flangeless					
CEILING APERTURE	Two 3-7/8" ceiling cut-outs with 10-1/4" on-center spacing between apertures					
HOUSING	IC Airtight, Non-IC Airtight, Chicago Plenum. IC suitable up to R60 spray foam insulation.					
CONSTRUCTION	Housing: Heavy gauge cold rolled steel Trims: Die cast aluminum					
FINISH	Housing: Black powder coat Trims: Antique Bronze, Black, Satin Nickel, White (paintable)					
GENERAL LISTING	ETL listed. Damp listed. Shower version wet listed.					
CALIFORNIA TITLE 24	Registered CEC Appliance Database. Can be used to comply with CEC 2016 Title 24 Part 6 for 90 CRI versions.					
LED LIFETIME	L70; 50,000 hours					
WARRANTY**	5 years					

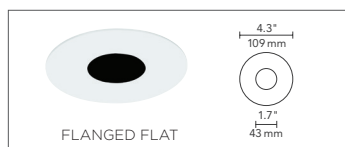
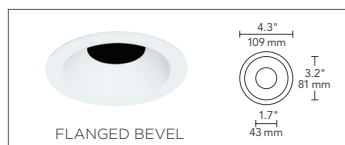
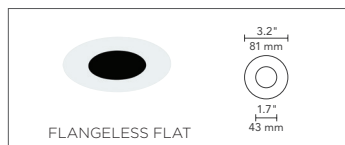
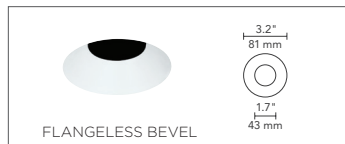
\*See ELEMENT-lighting.com for dimmer compatibility. Consult Quotes Dept for alternate or custom driver selections.

\*\*Visit ELEMENT-lighting.com for specific warranty limitations and details.

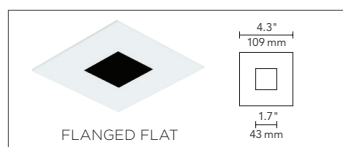
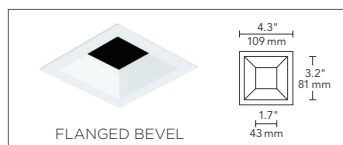
\*\*\*Warm color dimming not available with 10° optics.

Data in chart reflect 3000K/80 CRI values unless noted. Output difference between CCTs ~ 5%, CRI's ~ 15%. Accepts two optical controls and an optional trim-mounted lens.

## ROUND TRIMS



## SQUARE TRIMS



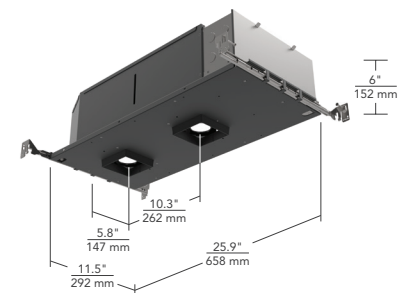
## WALL WASH



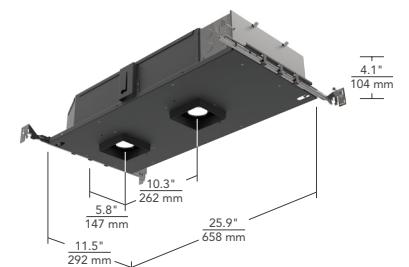
## FINISH OPTIONS



Available in white (paintable), black, satin nickel and antique bronze.



IC/NON-IC/CHICAGO PLENUM



HI-LUME NON-IC/CHICAGO PLENUM

## ORDERING GRIDS

### HOUSING

PRODUCT SERIES	CEILING APPEARANCE	OUTPUT	CRI/CCT	BEAM SPREAD	FUNCTION	HOUSING RATING	DRIVER	VOLTAGE
<b>E3R</b> ELEMENT 3" ROUND	<b>L</b> FLANGELESS	<b>-LH</b> HIGH OUTPUT, 34W	<b>827</b> 80 CRI, 2700K, 2-STEP	<b>0</b> 10°††	<b>DA</b> DUAL ADJUSTABLE	<b>I</b> IC AIRTIGHT	STANDARD PHASE DIMMING <1%†† (LEAVE BLANK)	120 VOLT (LEAVE BLANK)
<b>E3S</b> ELEMENT 3" SQUARE	<b>F</b> FLANGED	<b>-LO</b> LOW OUTPUT, 24W	<b>830</b> 80 CRI, 3000K, 2-STEP	<b>1</b> 18°		<b>N</b> NON-IC AIRTIGHT		<b>-277</b> 277 VOLT
			<b>835</b> 80 CRI, 3500K, 2-STEP	<b>2</b> 25°		<b>C</b> CHICAGO PLENUM	<b>-010</b> 0-10V DIMMING	
			<b>927</b> 90 CRI, 2700K, 2-STEP	<b>4</b> 40°			<b>-ELD0</b> ELDOLED 0.1% 0-10V LINEAR†	
			<b>930</b> 90 CRI, 3000K, 2-STEP	<b>6</b> 60°			<b>-ELD0A</b> ELDOLED 0.1% 0-10V LOGARITHMIC†	
			<b>935</b> 90 CRI, 3500K, 2-STEP				<b>-ELD1</b> ELDOLED 1% 0-10V LINEAR†	
			<b>WD</b> 90 CRI, 3000-1800K, WARM DIM, 3-STEP				<b>-ELD1A</b> ELDOLED 1% 0-10V LOGARITHMIC†	
							<b>-ELDD</b> ELDOLED 0.1% DALI†	
							<b>-HL2W</b> LUTRON HI-LUME 1% 2 WIRE/PWM††	
							<b>-HLECO</b> LUTRON HI-LUME 0.1% ECO-SYSTEM FADE-TO-BLACK	

TRIMS ARE REQUIRED AND MUST BE ORDERED SEPARATELY, TWO PER HOUSING.  
\*WOOD CEILING OPTION ACCOMMODATES FLANGELESS TRIMS ONLY.  
\*\*SEE DIMMER COMPATIBILITY CHART.

†HI-LUME HL2W & ELDOLED DRIVERS NOT COMPATIBLE WITH ROUND FLANGELESS (E3RLF) OR ROUND WOOD CEILING (E3RWC) HOUSINGS.

††NOTE: 10° OPTIC HAS A UNIQUE LED MODULE NOT AVAILABLE WITH WARM DIM. CHANGING OPTICS TO 18°, 25°, 40° OR 60°, WILL REQUIRE A NEW LED MODULE.

#HL2W - TWO WIRE LOW-VOLTAGE ELECTRONIC DIMMING, 120V ONLY.

### TRIM

PRODUCT SERIES	CEILING APPEARANCE	STYLE	APERTURE	FINISH
<b>E3R</b> ELEMENT 3" ROUND	<b>L</b> FLANGELESS	<b>B</b> BEVEL	<b>-O</b> NO LENS	<b>Z</b> ANTIQUE BRONZE
<b>E3S</b> ELEMENT 3" SQUARE	<b>F</b> FLANGED	<b>F</b> FLAT	<b>-H</b> SHOWER	<b>B</b> BLACK
	<b>F15</b> FLANGED 1.1"-1.5" CEILING THICKNESS		<b>-L</b> LENSED	<b>S</b> SATIN NICKEL
	<b>F20</b> FLANGED 1.6"-2.0" CEILING THICKNESS			<b>W</b> WHITE
	<b>F25</b> FLANGED 2.1"-2.5" CEILING THICKNESS			

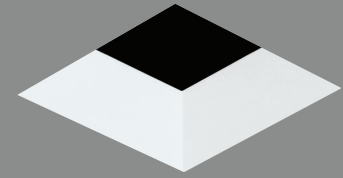
### REPLACEMENT OPTICS

	BEAM SPREAD
<b>353E4LEDCOPT</b>	<b>18</b> 18°
	<b>25</b> 25°
	<b>40</b> 40°
	<b>60</b> 60°

TWO TRIMS ARE REQUIRED PER HOUSING. WOOD CEILING OPTION ACCOMMODATES FLANGELESS TRIMS ONLY.

# 3"

**LED**  
Low-Profile  
Adjustable  
Downlight



The ELEMENT 3" LED Low-Profile Adjustable Downlight provides a beautiful architectural appearance and high performance for shallow ceiling plenum installations. Designed with a shallow 4" housing it utilizes the same trim pieces as the rest of the ELEMENT 3" series. Ideal for space constrained environments such as elevators and healthcare soffits. Complete adjustability allows for lockable hot-aiming with 0°-40° tilt and 361° rotation, eliminating dead spots. Wood ceiling option allows for a smooth, flangeless appearance using any flangeless trim.

- 0-40° Tilt
- 361° Rotation
- 2-Step Standard
- Solite™ Soft Focus Lens Option
- Driver/Field Connections Serviceable Through Aperture
- Integral Junction Box Approved for Branch Wiring

## SPECIFICATIONS

	HIGH OUTPUT (AT 3000K)		LOW OUTPUT (AT 3000K)		WARM DIM HIGH LOW	
DELIVERED LUMENS	1800	1450	1319	1124	1300	900
WATTS	17	17	12	12	17	12
EFFICACY	106	85	110	94	76	75
CRI	80+	90+	80+	90+	90+	90+
CBCP	10° - 19,414 18° - 5848 25° - 5416 40° - 3230 60° - 2305					
CCT OPTIONS	2700K, 3000K, 3500K, or Warm Color Dimming (3000K-1800K)***					
COLOR CONSISTENCY	2-Step					
VOLTAGE	120V or 277V					
DIMMING*	Standard phase dimming (Down to <1%*) 0-10V (Down to 5%)					
POWER SUPPLY	Constant current driver with +.9 power factor and +80% efficiency					
OPTICS	Field Changeable: 10°, 15°, 25°, 40°, 60° TIR					
ADJUSTABILITY	Lockable hot-aiming 0-40° tilt, 361° rotation					
CEILING APPEARANCE	Flanged (Accommodates up to 2.5" ceiling thickness) or Flangeless					
CEILING APERTURE	3-7/8" ceiling cut-out					
HOUSING	IC Airtight, Non-IC Airtight, Chicago Plenum. IC suitable up to R60 spray foam insulation.					
CONSTRUCTION	Housing: Heavy gauge cold rolled steel Trims: Die cast aluminum					
FINISH	Housing: Black powder coat Trims: Antique Bronze, Black, Satin Nickel, White (paintable)					
GENERAL LISTING	ETL listed. Damp listed. Shower version wet listed.					
CALIFORNIA TITLE 24	Registered CEC Appliance Database. Can be used to comply with CEC 2016 Title 24 Part 6 for 90 CRI versions.					
LED LIFETIME	L70; 50,000 hours					
WARRANTY**	5 years					

\*See ELEMENT-lighting.com for dimmer compatibility. Consult Quotes Dept for alternate or custom driver selections.

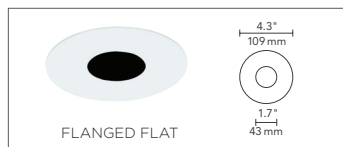
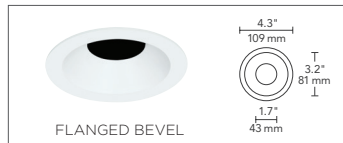
\*\*Visit ELEMENT-lighting.com for specific warranty limitations and details.

\*\*\*Warm color dimming not available with 10° optics.

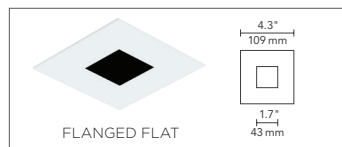
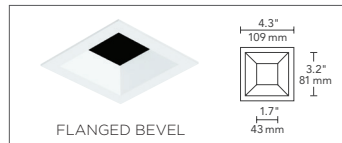
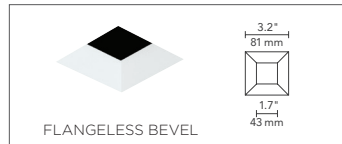
Data in chart reflect 3000K/80 CRI values unless noted. Output difference between CCTs ~ 5%, CRIs ~ 15%.

Accepts two optical controls and an optional trim-mounted lens.

## ROUND TRIMS



## SQUARE TRIMS



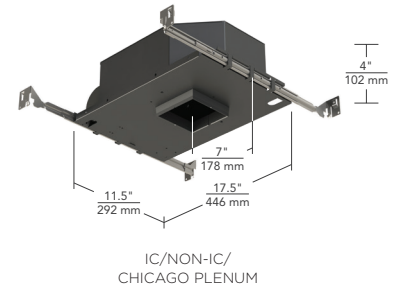
## WALL WASH



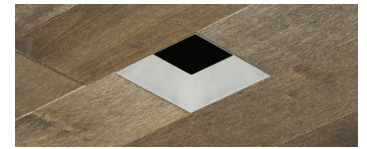
## FINISH OPTIONS



Available in white (paintable), black, satin nickel and antique bronze.



## WOOD CEILING



For more information on wood ceiling flangeless options/trims, see page 23.

## ORDERING GRIDS

## HOUSING

PRODUCT SERIES	CEILING APPEARANCE	OUTPUT	CRI/CCT	BEAM SPREAD	FUNCTION	HOUSING RATING	DRIVER	VOLTAGE
<b>E3R</b> ELEMENT 3" ROUND	<b>LF</b> FLANGELESS	<b>-LH</b> HIGH OUTPUT, 17W	<b>827</b> 80 CRI, 2700K, 2-STEP	<b>0</b> 10°***	<b>A</b> ADJUSTABLE	<b>S</b> LOW PROFILE IC/NON-IC AIRTIGHT	STANDARD PHASE DIMMING <1%*** (LEAVE BLANK)	120 VOLT (LEAVE BLANK)
<b>E3S</b> ELEMENT 3" SQUARE	<b>FF</b> FLANGED	<b>-LO</b> LOW OUTPUT, 12W	<b>830</b> 80 CRI, 3000K, 2-STEP	<b>1</b> 18°		<b>CS</b> LOW PROFILE CHICAGO PLENUM	<b>-010</b> 0-10V DIMMING	<b>-277</b> 277 VOLT
	<b>WC</b> WOOD CEILING*		<b>835</b> 80 CRI, 3500K, 2-STEP	<b>2</b> 25°				
			<b>927</b> 90 CRI, 2700K, 2-STEP	<b>4</b> 40°				
			<b>930</b> 90 CRI, 3000K, 2-STEP	<b>6</b> 60°				
			<b>935</b> 90 CRI, 3500K, 2-STEP					
			<b>WD</b> 90 CRI, 3000-1800K, WARM DIM, 3-STEP					

TRIMS ARE REQUIRED AND MUST BE ORDERED SEPARATELY.

\*WOOD CEILING OPTION ACCOMMODATES FLANGELESS TRIMS ONLY.

\*\*\*NOTE: 10° OPTIC HAS A UNIQUE LED MODULE NOT AVAILABLE WITH WARM DIM. CHANGING OPTICS TO 18°, 25°, 40° OR 60°, WILL REQUIRE A NEW LED MODULE.

\*\*\*SEE DIMMER COMPATIBILITY CHECK.

## TRIM

PRODUCT SERIES	CEILING APPEARANCE	STYLE	APERTURE	FINISH
<b>E3R</b> ELEMENT 3" ROUND	<b>L</b> FLANGELESS	<b>B</b> BEVEL	<b>-O</b> NO LENS	<b>Z</b> ANTIQUE BRONZE
<b>E3S</b> ELEMENT 3" SQUARE	<b>F</b> FLANGED UP TO 1" CEILING THICKNESS	<b>F</b> FLAT	<b>-H</b> SHOWER	<b>B</b> BLACK
	<b>F15</b> FLANGED 1.1"-1.5" CEILING THICKNESS		<b>-L</b> LENSED	<b>S</b> SATIN NICKEL
	<b>F20</b> FLANGED 1.6"-2.0" CEILING THICKNESS			<b>W</b> WHITE
	<b>F25</b> FLANGED 2.1"-2.5" CEILING THICKNESS			

## REPLACEMENT OPTICS

PRODUCT SERIES	BEAM SPREAD
<b>353E4LEDCOPT</b>	<b>18</b> 18°
	<b>25</b> 25°
	<b>40</b> 40°
	<b>60</b> 60°

WOOD CEILING OPTION ACCOMMODATES FLANGELESS TRIMS ONLY.

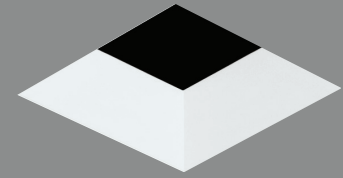
## WALL WASH TRIM

PRODUCT SERIES	CEILING APPEARANCE	FUNCTION	FINISH	LED
<b>E3R</b> ELEMENT 3" ROUND	<b>L</b> FLANGELESS	<b>W</b> WALL WASH	<b>-Z</b> ANTIQUE BRONZE	<b>-LED</b>
<b>E3S</b> ELEMENT 3" SQUARE	<b>F</b> FLANGED		<b>-B</b> BLACK	
	<b>WC</b> WOOD CEILING		<b>-S</b> SATIN NICKEL	
			<b>-W</b> WHITE	

WOOD CEILING OPTION ACCOMMODATES WC FLANGELESS TRIMS ONLY.

# 3"




## LED Remodel Adjustable Downlight



The ELEMENT 3" LED Remodel Adjustable Downlight is suited for below the ceiling installation where a seamless, mudded-in look is desired. Featuring a precision aiming mechanism with 0-40° tilt and 361° rotation, and ELEMENT's patented high-low lamp positioning in a 5.75" deep housing mechanism. The mud plate is designed integral to the housing while still allowing below the ceiling servicing and installation. Trims are offered in square or round, beveled or flat, flanged or flangeless, all matching ELEMENT new construction trims.

- Flangeless Trim Option
- Tool-Free Aiming/Locking
- 0-40° Tilt
- 361° Rotation
- Patented High/Low Lamp Positioning
- 2-Step Standard
- Trim Reflector Options
- Solite™ Soft Focus Lens Option
- Driver/Field Connections Serviceable Through Aperture
- Integral Junction Box Approved for Branch Wiring

### SPECIFICATIONS

						
	CITIZEN		CITIZEN WARM DIM		XICATO	
	HIGH OUTPUT	LOW OUTPUT	HIGH OUTPUT	LOW OUTPUT	STANDARD SERIES	ARTIST SERIES
DELIVERED LUMENS	1800 / 1450	1319 / 1124	1300	900	1129	945
WATTS	17	12	17	12	15	15
EFFICACY	106 / 85	110 / 94	76	75	75	63
CRI	80+ / 90+	80+ / 90+	90+		80+	95+
CBCP	10° - 19,414 18° - 5848 25° - 5416 40° - 3230 60° - 2305		15° - N/A 25° - N/A 40° - 1622		43° - 2733 60° - 1014	
CCT OPTIONS	2700K, 3000K or 3500K		3000K-1800K Warm Dim		2700K, 3000K or 3500K***	
COLOR CONSISTENCY	2-Step					
VOLTAGE	120V or 277V					
DIMMING*	Standard Phase Dimming (Down to <1%*) 0-10V (Down to 5%)					
POWER SUPPLY	Constant current driver with +.9 power factor and +80% efficiency					
OPTICS	Field Changeable: 10°, 15°, 25°, 40°, 60° TIR				Field Changeable: 43°, 60° Reflector	
ADJUSTABILITY	Lockable hot-aiming 0-40° tilt, 361° rotation, high-low lamp positioning					
CEILING APPEARANCE	Flanged Square (Accommodates up to 2.5" ceiling thickness Round up to 1") or Flangeless					
CEILING APERTURE	Flanged: 4" ceiling cut-out; 4" Flangeless: 5" ceiling cut-out					
HOUSING	Non-IC					
CONSTRUCTION	Trims: Die cast aluminum					
FINISH	Trims: Antique Bronze, Black, Satin Nickel, White (paintable)					
GENERAL LISTING	ETL listed. Damp listed. Shower version wet listed.					
CALIFORNIA TITLE 24	Registered CEC Appliance Database. Can be used to comply with CEC 2016 Title 24 Part 6 for 90 CRI versions.					
LED LIFETIME	L70; 50,000 hours					
WARRANTY**	5 years					

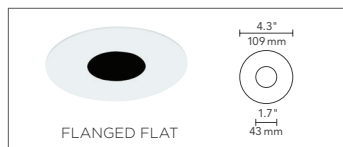
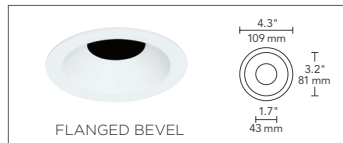
\*See ELEMENT-lighting.com for dimmer compatibility.

\*\*Visit ELEMENT-lighting.com for specific warranty limitations and details.

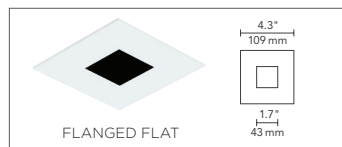
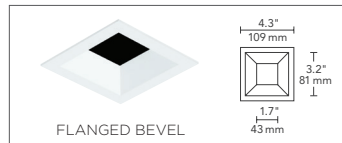
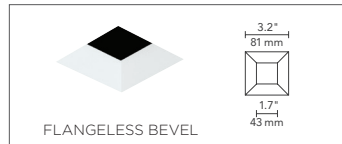
\*\*\*3500K Xicato module not available for Artist series.

Data in chart reflect 3000K/80 CRI values unless noted. Output difference between CCTs ~ 5%, CRIs ~ 15%. Consult Quotes Dept for alternate or custom driver selections. Accepts two optical controls and an optional trim-mounted lens.

## ROUND TRIMS



## SQUARE TRIMS



## FINISH OPTIONS



Available in white (paintable), black, satin nickel and antique bronze.



NON-IC

## ORDERING GRIDS

## HOUSING

PRODUCT SERIES	CEILING APPEARANCE	OUTPUT	LAMP	BEAM SPREAD	FUNCTION	HOUSING RATING	DRIVER	VOLTAGE
<b>E3R</b> ELEMENT 3" ROUND	<b>RL</b> REMODEL FLANGELESS	<b>-LH</b> HIGH OUTPUT, 17W	<b>827</b> 80 CRI, 2700K, 2-STEP	<b>0</b> 10°	<b>A</b> ADJUSTABLE	<b>N</b> NON-IC AIRTIGHT	STANDARD PHASE <1% <sup>**</sup> (LEAVE BLANK)	120 VOLT (LEAVE BLANK)
<b>E3S</b> ELEMENT 3" SQUARE	<b>RF</b> REMODEL FLANGED†	<b>-LO</b> LOW OUTPUT, 12W	<b>830</b> 80 CRI, 3000K, 2-STEP	<b>1</b> 18°				
			<b>835</b> 80 CRI, 3500K, 2-STEP	<b>2</b> 25°				
			<b>927</b> 90 CRI, 2700K, 2-STEP	<b>4</b> 40°				
			<b>930</b> 90 CRI, 3000K, 2-STEP	<b>6</b> 60°				
			<b>935</b> 90 CRI, 3500K, 2-STEP					
			<b>WD</b> 90 CRI, 3000-1800K, WARM DIM, 3-STEP					
		<b>-X</b> XICATO, HIGH OUTPUT, 14W	<b>I27</b> 80 CRI, 2700K, 1X2-STEP, XICATO	<b>21</b> 21° XICATO				
			<b>I30</b> 80 CRI, 3000K, 1X2-STEP, XICATO	<b>43</b> 43° XICATO				
			<b>I35</b> 80 CRI, 3500K, 1X2-STEP, XICATO	<b>60</b> 60° XICATO				
			<b>A27</b> 95 CRI, 2700K, 1X2-STEP, XICATO ARTIST					
			<b>A30</b> 95 CRI, 3000K, 1X2-STEP, XICATO ARTIST					

TRIMS ARE REQUIRED AND MUST BE ORDERED SEPARATELY.

\*NOTE: 10° OPTIC HAS A UNIQUE LED MODULE NOT AVAILABLE WITH WARM DIM. CHANGING OPTICS TO 18°, 25°, 40° OR 60°, WILL REQUIRE A NEW LED MODULE.

\*\*SEE DIMMER COMPATIBILITY CHART.

†ROUND FLANGED UP TO 1" MAX CEILING THICKNESS.

## TRIM

PRODUCT SERIES	CEILING APPEARANCE	STYLE	APERTURE	FINISH
<b>E3R</b> ELEMENT 3" ROUND	<b>L</b> FLANGELESS	<b>B</b> BEVEL	<b>-O</b> NO LENS	<b>Z</b> ANTIQUE BRONZE
<b>E3S</b> ELEMENT 3" SQUARE	<b>F</b> FLANGED	<b>F</b> FLAT	<b>-H</b> SHOWER	<b>B</b> BLACK
	<b>F15</b> FLANGED 1.1"-1.5" CEILING THICKNESS		<b>-L</b> LENSED	<b>S</b> SATIN NICKEL
	<b>F20</b> FLANGED 1.6"-2.0" CEILING THICKNESS			<b>W</b> WHITE
	<b>F25</b> FLANGED 2.1"-2.5" CEILING THICKNESS			

TRIMS ARE REQUIRED AND MUST BE ORDERED SEPARATELY.

## REPLACEMENT OPTICS

	BEAM SPREAD
<b>353E4LED</b> COPT	<b>18</b> 18°
	<b>25</b> 25°
	<b>40</b> 40°
	<b>60</b> 60°

## REPLACEMENT REFLECTORS\*

	BEAM SPREAD
<b>352LEDXREF</b>	<b>21</b> 21°
	<b>43</b> 43°
	<b>60</b> 60°

\*FOR USE WITH XICATO MODULES ONLY.

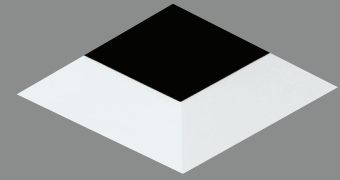
## WALL WASH TRIM

PRODUCT SERIES	CEILING APPEARANCE	FUNCTION	FINISH	LED
<b>E3R</b> ELEMENT 3" ROUND	<b>L</b> FLANGELESS	<b>W</b> WALL WASH	<b>-Z</b> ANTIQUE BRONZE	<b>-LED</b>
<b>E3S</b> ELEMENT 3" SQUARE	<b>F</b> FLANGED		<b>-B</b> BLACK	
	<b>WC</b> WOOD CEILING		<b>-S</b> SATIN NICKEL	
			<b>-W</b> WHITE	

WOOD CEILING OPTION ACCOMMODATES WC FLANGELESS TRIMS ONLY.

# 3"




## LED Fixed Downlight



The ELEMENT 3" Next Generation fixed recessed downlight features a patented high/low lamp positioning which allows the LED to be positioned closer to the aperture for maximum light output and efficiency or higher to minimize glare and flash on the trim. Options include premium warm dimming options, Xicato and Xicato Artist Series LED options, flanged or flangeless trim options including a flangeless wood ceiling option.

- Patented Tool-Free High/Low Lamp Positioning
- 2-Step Standard
- Trim Reflector Options
- Solite™ Soft Focus Lens Option
- Lutron/eldoLED Driver Options
- Driver/Field Connections Serviceable Through Aperture
- Integral Junction Box Approved for Branch Wiring

### SPECIFICATIONS

						
	CITIZEN		CITIZEN WARM DIM		XICATO	
	HIGH OUTPUT	LOW OUTPUT	HIGH OUTPUT	LOW OUTPUT	STANDARD SERIES	ARTIST SERIES
DELIVERED LUMENS	1800 / 1450	1319 / 1124	1300	900	1129	945
WATTS	17	12	17	12	15	15
EFFICACY	106 / 85	110 / 94	76	75	75	63
CRI	80+ / 90+	80+ / 90+	90+		80+	95+
CBCP	10° - 19,414 18° - 5848 25° - 5416 40° - 3230 60° - 2305		15° - N/A 25° - N/A 40° - 1622		21° - 3184 43° - 2733 60° - 1014	
CCT OPTIONS	2700K, 3000K or 3500K		3000K-1800K Warm Dim		2700K, 3000K or 3500K***	
COLOR CONSISTENCY	2-Step					
VOLTAGE	120V or 277V					
DIMMING*	Standard phase dimming (Down to <1%*) 0-10V (Down to 5%) Lutron Hi-Lume Ecosystem Fade-To-Black (Down to 0.1%) Lutron Hi-Lume 2-Wire (Down to 1%) eldoLED 0-10V or Dali (Down to 0.1%)					
POWER SUPPLY	Constant current: driver with +.9 power factor and +80% efficiency					
OPTICS	Field Changeable: 10°, 15°, 25°, 40°, 60° TIR				Field Changeable: 21°, 43°, 60° Reflector	
ADJUSTABILITY	High-low lamp positioning					
CEILING APPEARANCE	Flanged (Accommodates up to 2.5" ceiling thickness) or Flangeless					
CEILING APERTURE	3-7/8" ceiling cut-out					
HOUSING	IC Airtight, Non-IC Airtight, Chicago Plenum. IC suitable up to R60 spray foam insulation.					
CONSTRUCTION	Housing: Heavy gauge cold rolled steel Trims: Die cast aluminum					
FINISH	Housing: Black Powder Coat Trims: Antique Bronze, Black, Satin Nickel, White (paintable)					
GENERAL LISTING	ETL listed. Damp listed. Shower version wet listed.					
CALIFORNIA TITLE 24	Registered CEC Appliance Database. Can be used to comply with CEC 2016 Title 24 Part 6 for 90 CRI versions.					
LED LIFETIME	L70; 50,000 hours					
WARRANTY**	5 years					

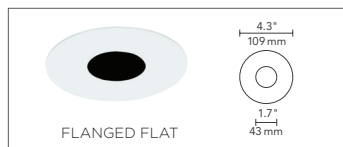
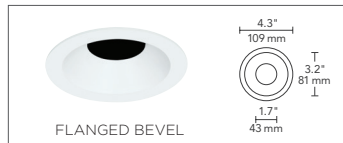
\*See ELEMENT-lighting.com for dimmer compatibility.

\*\*Visit ELEMENT-lighting.com for specific warranty limitations and details.

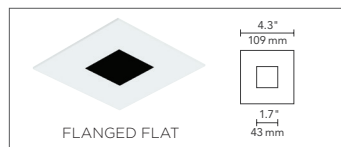
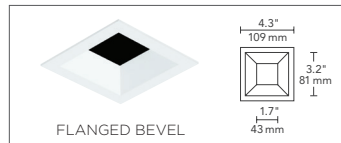
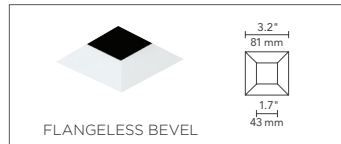
\*\*\*3500K Xicato module not available for Artist series.

Data in chart reflect 3000K/80 CRI values unless noted. Output difference between CCTs ~ 5%, CRIs ~ 15%. Consult Quotes Dept for alternate or custom driver selections. Accepts two optical controls and an optional trim-mounted lens.

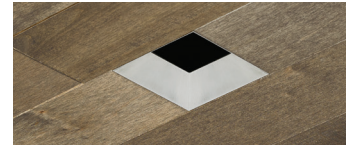
## ROUND TRIMS



## SQUARE TRIMS



## WOOD CEILING

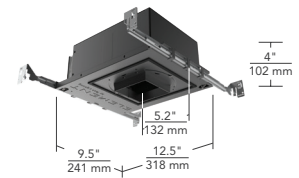


For more information on wood ceiling flangeless options/trims, see page 23.

## FINISH OPTIONS



Available in white (paintable), black, satin nickel and antique bronze.



IC/NON-IC/  
CHICAGO PLENUM

## ORDERING GRIDS

## HOUSING

PRODUCT SERIES	CEILING APPEARANCE	OUTPUT	LAMP	BEAM SPREAD	FUNCTION	HOUSING RATING	DRIVER	VOLTAGE
<b>E3R</b> ELEMENT 3" ROUND	<b>LF</b> FLANGELESS	<b>-LH</b> HIGH OUTPUT, 17W	<b>827</b> 80 CRI, 2700K, 2-STEP	<b>0</b> 10°††	<b>D</b> DOWNLIGHT	<b>I</b> IC AIRTIGHT	STANDARD PHASE <1" (LEAVE BLANK)	120 VOLT (LEAVE BLANK)
<b>E3S</b> ELEMENT 3" SQUARE	<b>FF</b> FLANGED	<b>-LO</b> LOW OUTPUT, 12W	<b>830</b> 80 CRI, 3000K, 2-STEP	<b>1</b> 18°		<b>N</b> NON-IC AIRTIGHT	0-10V DIMMING	<b>-277</b> 277 VOLT
	<b>WC</b> WOOD CEILING*		<b>835</b> 80 CRI, 3500K, 2-STEP	<b>2</b> 25°		<b>C</b> CHICAGO PLENUM	ELDOLED 0.1% 0-10V LINEAR†	
			<b>927</b> 90 CRI, 2700K, 2-STEP	<b>4</b> 40°			ELDOLED 1% 0-10V LINEAR†	
			<b>930</b> 90 CRI, 3000K, 2-STEP	<b>6</b> 60°			ELDOLED 1% 0-10V LINEAR†	
			<b>935</b> 90 CRI, 3500K, 2-STEP				ELDOLED 0.1% 0-10V LOGARITHMIC†	
			<b>WD</b> 90 CRI, 3000-1800K, WARM DIM, 3-STEP				ELDOLED 1% 0-10V LINEAR†	
		<b>-X</b> XICATO, HIGH OUTPUT, 14W	<b>I27</b> 80 CRI, 2700K, 1X2-STEP, XICATO	<b>21</b> 21° XICATO			ELDOLED 1% 0-10V LOGARITHMIC†	
			<b>I30</b> 80 CRI, 3000K, 1X2-STEP, XICATO	<b>43</b> 43° XICATO			ELDOLED 0.1% DALI†	
			<b>I35</b> 80 CRI, 3500K, 1X2-STEP, XICATO	<b>60</b> 60° XICATO			LUTRON HI-LUME 1% 2 WIRE†‡	
			<b>A27</b> 95 CRI, 2700K, 1X2-STEP, XICATO ARTIST				LUTRON HI-LUME 0.1% ECO-SYSTEM FADE-TO-BLACK	
			<b>A30</b> 95 CRI, 3000K, 1X2-STEP, XICATO ARTIST					

TRIMS ARE REQUIRED AND MUST BE ORDERED SEPARATELY.

\*WOOD CEILING OPTION ACCOMMODATES FLANGELESS TRIMS ONLY.

\*\*SEE DIMMING COMPATIBILITY CHART.

†HI-LUME HL2W & ELDOLED DRIVERS NOT COMPATIBLE WITH ROUND FLANGELESS (E3RLF) OR ROUND WOOD CEILING (E3RWC) HOUSINGS.

††NOTE: 10° OPTIC HAS A UNIQUE LED MODULE NOT AVAILABLE WITH WARM DIM. CHANGING OPTICS TO 10°, 25°, 40° OR 60°, WILL REQUIRE A NEW LED MODULE.

‡HL2W - TWO WIRE LOW-VOLTAGE ELECTRONIC DIMMING, 120V ONLY.

## TRIM

PRODUCT SERIES	CEILING APPEARANCE	STYLE	APERTURE	FINISH	BEAM SPREAD
<b>E3R</b> ELEMENT 3" ROUND	<b>L</b> FLANGELESS	<b>B</b> BEVEL	<b>-O</b> NO LENS	<b>Z</b> ANTIQUE BRONZE	<b>353E4LED</b> COPT
<b>E3S</b> ELEMENT 3" SQUARE	<b>F</b> FLANGED UP TO 1" CEILING THICKNESS	<b>F</b> FLAT	<b>-H</b> SHOWER	<b>B</b> BLACK	<b>18</b> 18°
	<b>F15</b> FLANGED 1.1"-1.5" CEILING THICKNESS		<b>-L</b> LENSED	<b>S</b> SATIN NICKEL	<b>25</b> 25°
	<b>F20</b> FLANGED 1.6"-2.0" CEILING THICKNESS			<b>W</b> WHITE	<b>40</b> 40°
	<b>F25</b> FLANGED 2.1"-2.5" CEILING THICKNESS				<b>60</b> 60°

WOOD CEILING OPTION ACCOMMODATES FLANGELESS TRIMS ONLY.

## REPLACEMENT REFLECTORS\*

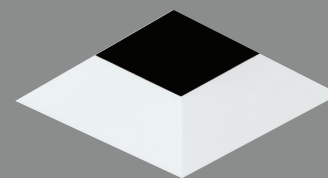
	BEAM SPREAD
<b>352LEDXREF</b>	<b>21</b> 21°
	<b>43</b> 43°
	<b>60</b> 60°

\*FOR USE WITH XICATO MODULES ONLY.

## REPLACEMENT OPTICS

# 3"

## LED Low-Profile Fixed Downlight



Small aperture LED downlight with architectural appearance housed in a 3.4" tall housing for shallow ceiling installations. Utilizes the same trims as the standard 3" housing so it can be used in the same application where a shallower housing is required. Wood ceiling option allows for a smooth, flangeless appearance using any flangeless trim.

- 2-Step Standard
- Trim Reflector Options (Flat Only)
- Solite™ Soft Focus Lens Option
- Driver/Field Connections Serviceable Through Aperture
- Integral Junction Box Approved for Branch Wiring

### SPECIFICATIONS

	HIGH OUTPUT (AT 3000K)		LOW OUTPUT (AT 3000K)		WARM DIM HIGH LOW	
DELIVERED LUMENS	1800	1450	1319	1124	1300	900
WATTS	17	17	12	12	17	12
EFFICACY	106	85	110	94	76	75
CRI	80+	90+	80+	90+	90+	90+
CBCP	10° - 19,414 18° - 5848 25° - 5416 40° - 3230 60° - 2305					
CCT OPTIONS	2700K, 3000K, 3500K, or Warm Color Dimming (3000K-1800K)***					
COLOR CONSISTENCY	2-Step					
VOLTAGE	120V or 277V					
DIMMING*	Standard phase dimming (Down to <1%*) 0-10V (Down to 5%)					
POWER SUPPLY	Constant current driver with +.9 power factor and +80% efficiency					
OPTICS	Field Changeable: 10°, 15°, 25°, 40°, 60° TIR					
CEILING APPEARANCE	Flanged (Accommodates up to 2.5" ceiling thickness) or Flangeless					
CEILING APERTURE	3-7/8" ceiling cut-out					
HOUSING	IC Airtight, Non-IC Airtight. IC suitable up to R60 spray foam insulation.					
CONSTRUCTION	Housing: Heavy gauge cold rolled steel Trims: Die cast aluminum					
FINISH	Housing: Black Powder Coat Trims: Antique Bronze, Black, Satin Nickel, White (paintable)					
GENERAL LISTING	ETL listed. Damp listed. Shower version wet listed.					
CALIFORNIA TITLE 24	Registered CEC Appliance Database. Can be used to comply with CEC 2016 Title 24 Part 6 for 90 CRI versions.					
LED LIFETIME	L70; 50,000 hours					
WARRANTY**	5 years					

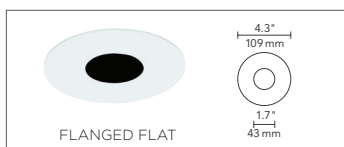
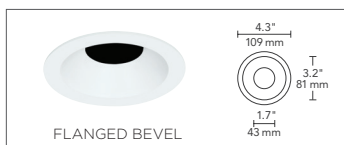
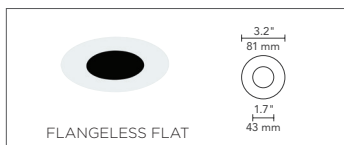
\*See ELEMENT-lighting.com for dimmer compatibility. Consult Quotes Dept for alternate or custom driver selections.

\*\*Visit ELEMENT-lighting.com for specific warranty limitations and details.

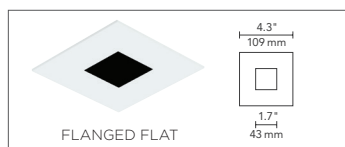
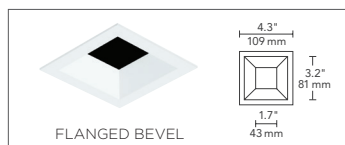
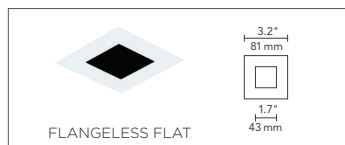
\*\*\*Warm color dimming not available with 10° optics.

Data in chart reflect 3000K/80 CRI values unless noted. Output difference between CCTs ~ 5%, CRIs ~ 15%. Accepts two optical controls and an optional trim-mounted lens.

ROUND TRIMS



SQUARE TRIMS



WOOD CEILING

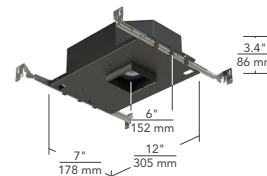


For more information on wood ceiling flangeless options/trims, see page 23.

FINISH OPTIONS



Available in white (paintable), black, satin nickel and antique bronze.



NON-IC AIRTIGHT

ORDERING GRIDS

HOUSING

PRODUCT SERIES	CEILING APPEARANCE	OUTPUT	CRI/CCT	BEAM SPREAD	FUNCTION	HOUSING RATING	DRIVER	VOLTAGE
<b>E3R</b> ELEMENT 3" ROUND	<b>LF</b> FLANGELESS	<b>-LH</b> HIGH OUTPUT, 17W	<b>827</b> 80 CRI, 2700K, 2-STEP	<b>0</b> 10°	<b>D</b> DOWNLIGHT	<b>S</b> LOW PROFILE IC/ NON-IC AIRTIGHT	STANDARD PHASE DIMMING <1° (LEAVE BLANK)	120 VOLT (LEAVE BLANK)
<b>E3S</b> ELEMENT 3" SQUARE	<b>FF</b> FLANGED	<b>-LO</b> LOW OUTPUT, 12W	<b>830</b> 80 CRI, 3000K, 2-STEP	<b>1</b> 18°		<b>CS</b> LOW PROFILE CHICAGO PLENUM	<b>-010</b> 0-10V DIMMING	<b>-277</b> 277 VOLT
	<b>WC</b> WOOD CEILING*		<b>927</b> 90 CRI, 2700K, 2-STEP	<b>4</b> 40°				
			<b>930</b> 90 CRI, 3000K, 2-STEP	<b>6</b> 60°				
			<b>935</b> 90 CRI, 3500K, 2-STEP					
			<b>WD</b> 90 CRI, 3000-1800K, WARM DIM, 3-STEP					

TRIMS ARE REQUIRED AND MUST BE ORDERED SEPARATELY.

\*WOOD CEILING OPTION ACCOMMODATES FLANGELESS TRIMS ONLY.

\*\*NOTE: 10° OPTIC HAS A UNIQUE LED MODULE NOT AVAILABLE WITH WARM DIM. CHANGING OPTICS TO 18°, 25°, 40° OR 60°, WILL REQUIRE A NEW LED MODULE.

\*\*\*SEE DIMMING COMPATIBILITY CHART.

TRIM

PRODUCT SERIES	CEILING APPEARANCE	STYLE	APERTURE	FINISH
<b>E3R</b> ELEMENT 3" ROUND	<b>L</b> FLANGELESS	<b>B</b> BEVEL	<b>-O</b> NO LENS	<b>Z</b> ANTIQUE BRONZE
<b>E3S</b> ELEMENT 3" SQUARE	<b>F</b> FLANGED UP TO 1" CEILING THICKNESS	<b>F</b> FLAT	<b>-H</b> SHOWER	<b>B</b> BLACK
	<b>F15</b> FLANGED 1.1"-1.5" CEILING THICKNESS		<b>-L</b> LENSED	<b>S</b> SATIN NICKEL
	<b>F20</b> FLANGED 1.6"-2.0" CEILING THICKNESS			<b>W</b> WHITE
	<b>F25</b> FLANGED 2.1"-2.5" CEILING THICKNESS			

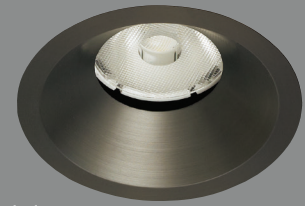
REPLACEMENT OPTICS

	BEAM SPREAD
<b>353E4LEDCOPT</b>	<b>18</b> 18°
	<b>25</b> 25°
	<b>40</b> 40°
	<b>60</b> 60°

WOOD CEILING OPTION ACCOMMODATES FLANGELESS TRIMS ONLY.

# 3"

## LED Remodel Fixed Downlight



Our ELEMENT 3" LED Remodel is well suited for any remodel application. The trim installation method accommodates any ceiling thickness, and the flangeless trims do not require any mudding. Also offered in flanged version. At a 5" depth from the bottom of the ceiling, it provides the perfect solution where other downlights simply won't fit. Flanged trims match our 3" platform so they can be used in conjunction with the entire family of 3" downlights throughout a space.

- 2-Step Standard
- Solite™ Soft Focus Lens Option
- Driver/Field Connections Serviceable Through Aperture
- Integral Junction Box Approved for Branch Wiring

### Installation

- Use standard 3.875" hole saw or 3.875" cut-out (template included) for flanged or flangeless trims
- Set screws engage with expanding collar for robust mounting within the ceiling cut-out

## SPECIFICATIONS

	HIGH OUTPUT (AT 3000K)		LOW OUTPUT (AT 3000K)		WARM DIM	
					HIGH	LOW
DELIVERED LUMENS	1800	1450	1319	1124	1300	900
WATTS	17	17	12	12	17	12
EFFICACY	106	85	110	94	76	75
CRI	80+	90+	80+	90+	90+	90+
CBCP	10° - 19,414 18° - 5848 25° - 5416 40° - 3230 60° - 2305					
CCT OPTIONS	2700K, 3000K, 3500K, or Warm Color Dimming (3000K-1800K)***					
COLOR CONSISTENCY	2-Step					
VOLTAGE	120V or 277V					
DIMMING*	Standard phase dimming (Down to 1%*) 0-10V (Down to 5%)					
POWER SUPPLY	Constant current driver with +.9 power factor and +80% efficiency					
OPTICS	Field Changeable: 10°, 15°, 25°, 40°, 60° TIR					
CEILING APPEARANCE	Flanged					
CEILING APERTURE	3-7/8" ceiling cut-out					
HOUSING	Non-IC					
CONSTRUCTION	Trims: Aluminum					
FINISH	Trims: Antique Bronze, Black, Satin Nickel, White (paintable)					
GENERAL LISTING	ETL listed. Damp listed. Shower version wet listed.					
LED LIFETIME	L70; 50,000 hours					
WARRANTY**	5 years					

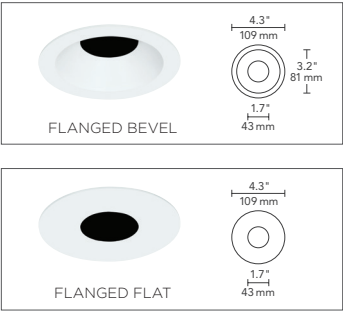
\*See ELEMENT-lighting.com for dimmer compatibility. Consult Quotes Dept for alternate or custom driver selections.

\*\*Visit ELEMENT-lighting.com for specific warranty limitations and details.

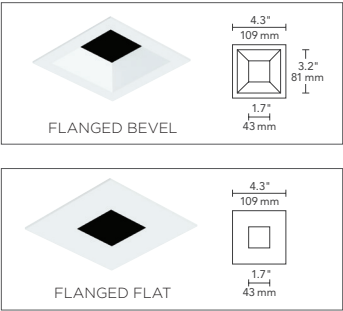
\*\*\*Warm color dimming not available with 10° optics.

Data in chart reflect 3000K/80 CRI values unless noted. Output difference between CCTs ~ 5%, CRIs ~ 15%. Accepts two optical controls and an optional trim-mounted lens.

ROUND TRIMS



SQUARE TRIMS



WOOD CEILING

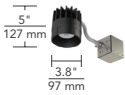


Wood ceiling application with trim.

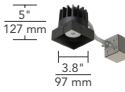
FINISH OPTIONS



Available in white (paintable), black, satin nickel and antique bronze.



NON-IC (ROUND)



NON-IC (SQUARE)

ORDERING GRIDS

HOUSING

PRODUCT SERIES	CEILING APPEARANCE	OUTPUT	CRI/CCT	BEAM SPREAD	FUNCTION	HOUSING RATING	DRIVER	VOLTAGE
<b>E3R</b> ELEMENT 3" ROUND	<b>RF</b> REMODEL FLANGED	<b>-LH</b> HIGH OUTPUT, 17W	<b>827</b> 80 CRI, 2700K, 2-STEP	<b>0</b> 10°*	<b>D</b> DOWNLIGHT	<b>N</b> NON-IC AIRTIGHT	STANDARD PHASE DIMMING <1%** (LEAVE BLANK)	120 VOLT (LEAVE BLANK)
<b>E3S</b> ELEMENT 3" SQUARE		<b>-LO</b> LOW OUTPUT, 12W	<b>830</b> 80 CRI, 3000K, 2-STEP	<b>1</b> 18°				
			<b>835</b> 80 CRI, 3500K, 2-STEP	<b>2</b> 25°				
			<b>927</b> 90 CRI, 2700K, 2-STEP	<b>4</b> 40°			<b>-010</b> 0-10V DIMMING	<b>277</b> 277 VOLT
			<b>930</b> 90 CRI, 3000K, 2-STEP	<b>6</b> 60°				
			<b>935</b> 90 CRI, 3500K, 2-STEP					
			<b>WD</b> 90 CRI, 3000-1800K, WARM DIM, 3-STEP					

TRIMS ARE REQUIRED AND MUST BE ORDERED SEPARATELY.  
\*NOTE: 10° OPTIC HAS A UNIQUE LED MODULE NOT AVAILABLE WITH WARM DIM. CHANGING OPTICS TO 18°, 25°, 40° OR 60°, WILL REQUIRE A NEW LED MODULE.  
\*\*SEE DIMMING COMPATIBILITY CHART.

TRIM

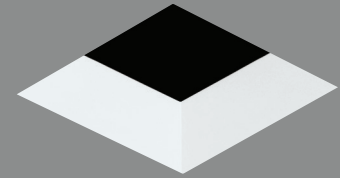
PRODUCT SERIES	CEILING APPEARANCE	STYLE	APERTURE	FINISH
<b>E3R</b> ELEMENT 3" ROUND	<b>F</b> FLANGED	<b>B</b> BEVEL	<b>-O</b> NO LENS	<b>Z</b> ANTIQUE BRONZE
<b>E3S</b> ELEMENT 3" SQUARE	<b>F15</b> FLANGED 1.1"-1.5" CEILING THICKNESS	<b>F</b> FLAT	<b>-H</b> SHOWER	<b>B</b> BLACK
	<b>F20</b> FLANGED 1.6"-2.0" CEILING THICKNESS		<b>-L</b> LENSED	<b>S</b> SATIN NICKEL
	<b>F25</b> FLANGED 2.1"-2.5" CEILING THICKNESS			<b>W</b> WHITE

REPLACEMENT OPTICS

	BEAM SPREAD
<b>353E4LEDLOPT</b>	<b>18</b> 18°
	<b>25</b> 25°
	<b>40</b> 40°
	<b>60</b> 60°

# 3"

LED  
Ultra-Shallow  
Fixed Downlight



Small aperture LED downlight with architectural appearance housed in an ultra-shallow 2" above the ceiling housing. LED module and optics are modular for ease of replacement. Wood ceiling option allows for a smooth, flangeless appearance using any flangeless trim.

- 2" Fixture Height
- 2-Step Standard
- Trim Reflector Options (Flat Only)
- Solite™ Soft Focus Lens Option
- Driver/Field Connections Serviceable Through Aperture
- Integral Junction Box Approved for Branch Wiring

## SPECIFICATIONS

	HIGH OUTPUT (AT 3000K)		LOW OUTPUT (AT 3000K)		WARM DIM	
					HIGH	LOW
DELIVERED LUMENS	1800	1450	1319	1124	1300	900
WATTS	17	17	12	12	17	12
EFFICACY	106	85	110	94	76	75
CRI	80+	90+	80+	90+	90+	90+
CBCP	18° - 5848 25° - 5416 40° - 3230 60° - 2305					
CCT OPTIONS	2700K, 3000K, 3500K, or Warm Color Dimming (3000K-1800K)***					
COLOR CONSISTENCY	2-Step					
VOLTAGE	120V or 277V					
DIMMING*	Standard phase dimming (Down to <1%*) 0-10V (Down to 5%)					
POWER SUPPLY	Constant current driver with +.9 power factor and +80% efficiency					
OPTICS	Field Changeable: 15°, 25°, 40°, 60° TIR					
CEILING APPEARANCE	Flanged (accommodates up to 2.5" ceiling thickness) or Flangeless					
CEILING APERTURE	3-7/8" ceiling cut-out					
HOUSING	IC Airtight, Non-IC Airtight, Chicago Plenum. IC suitable up to R60 spray foam insulation.					
CONSTRUCTION	Housing: Heavy gauge cold rolled steel Trims: Die-cast aluminum					
FINISH	Housing: Black powder coat Trims: Antique Bronze, Black, Satin Nickel, White (paintable)					
GENERAL LISTING	ETL listed. Damp listed. Shower version wet listed.					
CALIFORNIA TITLE 24	Registered CEC Appliance Database. Can be used to comply with CEC 2016 Title 24 Part 6 for 90 CRI versions.					
LED LIFETIME	L70; 50,000 hours					
WARRANTY**	5 years					

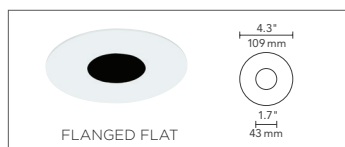
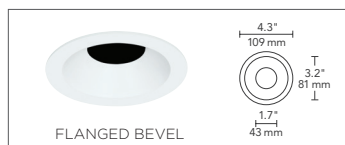
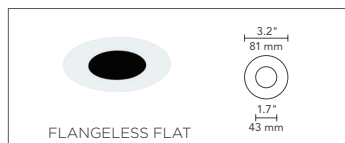
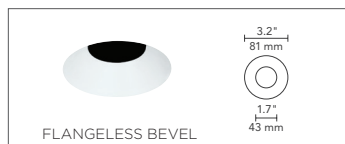
\*See ELEMENT-lighting.com for dimmer compatibility. Consult Quotes Dept for alternate or custom driver selections.

\*\*Visit ELEMENT-lighting.com for specific warranty limitations and details.

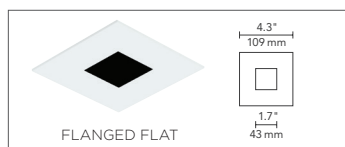
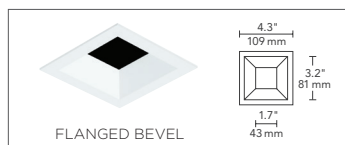
\*\*\*Warm color dimming not available with 10° optics.

Data in chart reflect 3000K/80 CRI values unless noted. Output difference between CCTs ~ 5%, CRIs ~ 15%. Accepts two optical controls and an optional trim-mounted lens.

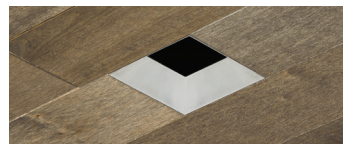
## ROUND TRIMS



## SQUARE TRIMS



## WOOD CEILING

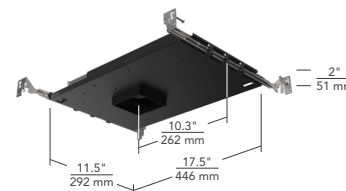


For more information on wood ceiling flangeless options/trims, see page 23.

## FINISH OPTIONS



Available in white (paintable), black, satin nickel and antique bronze.



IC/NON-IC/CHICAGO PLENUM

## ORDERING GRIDS

## HOUSING

PRODUCT SERIES	CEILING APPEARANCE	OUTPUT	CRI/CCT	BEAM SPREAD	FUNCTION	HOUSING RATING	DRIVER	VOLTAGE
<b>E3R</b> ELEMENT 3" ROUND	<b>LF</b> FLANGELESS	<b>-LH</b> HIGH OUTPUT, 17W	<b>827</b> 80 CRI, 2700K, 2-STEP	<b>1</b> 18°	<b>D</b> DOWNLIGHT	<b>US</b> ULTRA SHALLOW IC/NON-IC AIRTIGHT	STANDARD PHASE DIMMING <1%** (LEAVE BLANK)	120 VOLT (LEAVE BLANK)
<b>E3S</b> ELEMENT 3" SQUARE	<b>FF</b> FLANGED	<b>-LO</b> LOW OUTPUT, 12W	<b>830</b> 80 CRI, 3000K, 2-STEP	<b>2</b> 25°		<b>CUS</b> ULTRA SHALLOW CHICAGO PLENUM	<b>-010</b> 0-10V DIMMING	<b>-277</b> 277 VOLT
	<b>WC</b> WOOD CEILING*		<b>835</b> 80 CRI, 3500K, 2-STEP	<b>4</b> 40°				
			<b>927</b> 90 CRI, 2700K, 2-STEP	<b>6</b> 60°				
			<b>930</b> 90 CRI, 3000K, 2-STEP					
			<b>935</b> 90 CRI, 3500K, 2-STEP					
			<b>WD</b> 90 CRI, 3000-1800K, WARM DIM, 3-STEP					

TRIMS ARE REQUIRED AND MUST BE ORDERED SEPARATELY.

\*WOOD CEILING OPTION ACCOMMODATES FLANGELESS TRIMS ONLY.

\*\*SEE DIMMER COMPATIBILITY CHART.

## TRIM

PRODUCT SERIES	CEILING APPEARANCE	STYLE	APERTURE	FINISH
<b>E3R</b> ELEMENT 3" ROUND	<b>L</b> FLANGELESS	<b>B</b> BEVEL	<b>-O</b> NO LENS	<b>Z</b> ANTIQUE BRONZE
<b>E3S</b> ELEMENT 3" SQUARE	<b>F</b> FLANGED UP TO 1" CEILING THICKNESS	<b>F</b> FLAT	<b>-H</b> SHOWER	<b>B</b> BLACK
	<b>F15</b> FLANGED 1.1"-1.5" CEILING THICKNESS		<b>-L</b> LENSED	<b>S</b> SATIN NICKEL
	<b>F20</b> FLANGED 1.6"-2.0" CEILING THICKNESS			<b>W</b> WHITE
	<b>F25</b> FLANGED 2.1"-2.5" CEILING THICKNESS			

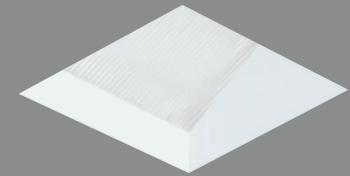
WOOD CEILING OPTION ACCOMMODATES FLANGELESS TRIMS ONLY.

## REPLACEMENT OPTICS

	BEAM SPREAD
<b>353E4LEDCOPT</b>	<b>18</b> 18°
	<b>25</b> 25°
	<b>40</b> 40°
	<b>60</b> 60°

# 3"

LED  
Wall Wash



The ELEMENT 3" Next Generation Wall Wash solution sets a new best-in-class performance benchmark for recessed downlights. These ELEMENT Wall Wash solutions create a beautifully uniform high output flood of LED light without scalloping or hot spots, eliminating shadows and emphasizing the smoothness of a wall from top to bottom

- Luminix Turning Film, Two Directions
- Even Vertical Illumination of Wall
- Even Horizontal Illumination of Wall
- High Wall Wash Efficacy
- Distance to 1 FC: 1-inch from Ceiling
- Driver/Field Connections Serviceable Through Aperture
- Integral Junction Box Approved for Branch Wiring

## SPECIFICATIONS

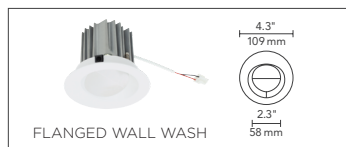
	HIGH OUTPUT (AT 3000K)		LOW OUTPUT (AT 3000K)		WARM DIM HIGH LOW	
DELIVERED LUMENS	1342	942	853	675	900	600
WATTS	17	17	12	12	17	12
EFFICACY	79	51	70	56	53	50
CRI	80+	90+	80+	90+	90+	
CCT OPTIONS	2700K, 3000K or 3500K, or Warm Color Dimming (3000K-1800K)					
COLOR CONSISTENCY	2-Step					
VOLTAGE	120V or 277V					
DIMMING*	Standard phase dimming (Down to 1%·) 0-10V (Down to 5%) Lutron Hi-Lume Ecosystem Fade-To-Black (Down to 0.1%) Lutron Hi-Lume 2-Wire (Down to 1%) elidoLED 0-10V or Dali (Down to 0.1%)					
POWER SUPPLY	Constant current driver with +.9 power factor and +80% efficiency					
OPTICS	Luminix Turning Film, 2 directions					
ADJUSTABILITY	360° rotation					
CEILING APPEARANCE	Flanged (Accommodates up to 2.5" ceiling thickness) or Flangeless					
CEILING APERTURE	3-7/8" ceiling cut-out					
HOUSING	IC Airtight, Non-IC Airtight, Chicago Plenum, IC suitable up to R60 spray foam insulation					
CONSTRUCTION	Mechanism: Heavy gauge cold rolled steel Trims: Die cast aluminum					
FINISH	Housing: Black powder coat Trims: Antique Bronze, Black, Satin Nickel, White (paintable)					
GENERAL LISTING	ETL listed. Damp listed.					
CALIFORNIA TITLE 24	Registered CEC Appliance Database. Can be used to comply with CEC 2016 Title 24 Part 6 for 90 CRI versions.					
LED LIFETIME	L70; 50,000 hours					
WARRANTY**	5 years					

\*See ELEMENT-lighting.com for dimmer compatibility.

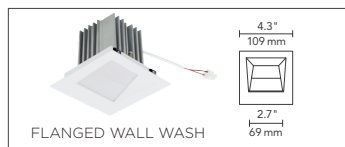
\*\*Visit ELEMENT-lighting.com for specific warranty limitations and details.

Data in chart reflect 3000K/80 CRI values unless noted. Output difference between CCTs ~ 5%, CRIs ~ 15%.

## ROUND TRIMS



## SQUARE TRIMS



## WOOD CEILING

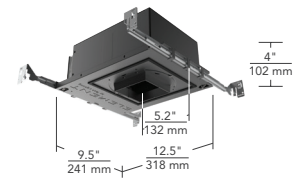


For more information on wood ceiling flangeless options/trims, see page 23.

## FINISH OPTIONS



Available in white (paintable), black, satin nickel and antique bronze.



IC/NON-IC/  
CHICAGO PLENUM

## ORDERING GRIDS

### HOUSING

PRODUCT SERIES	CEILING APPEARANCE	FUNCTION	OUTPUT	HOUSING RATING	DRIVER	VOLTAGE
<b>E3R</b> ELEMENT 3" ROUND	<b>L</b> FLANGELESS	<b>W</b> WALL WASH	<b>-LH</b> HIGH OUTPUT, 17W	<b>I</b> IC AIRTIGHT	STANDARD PHASE DIMMING <1" (LEAVE BLANK)	120 VOLT (LEAVE BLANK)
<b>E3S</b> ELEMENT 3" SQUARE	<b>F</b> FLANGED		<b>-LO</b> LOW OUTPUT, 12W	<b>C</b> CHICAGO PLENUM		
	<b>WC</b> WOOD CEILING*				<b>-010</b> 0-10V DIMMING	<b>-277</b> 277 VOLT
					<b>-ELD0</b> ELDOLED 0.1% 0-10V LINEAR†	
					<b>-ELD0A</b> ELDOLED 0.1% 0-10V LOGARITHMIC†	
					<b>-ELD1</b> ELDOLED 1% 0-10V LINEAR†	
					<b>-ELD1A</b> ELDOLED 1% 0-10V LOGARITHMIC†	
					<b>-ELDD</b> ELDOLED 0.1% DALI‡	
					<b>-HL2W</b> HI-LUME 1% 2-WIRE‡	
					<b>-HLECO</b> HI-LUME 0.1% ECO-SYSTEM FADE-TO-BLACK	

TRIMS ARE REQUIRED AND MUST BE ORDERED SEPARATELY.

\*WOOD CEILING OPTION ACCOMMODATES FLANGELESS TRIMS ONLY.

\*\*SEE DIMMER COMPATIBILITY CHART.

†HI-LUME HL2W & ELDOLED DRIVERS NOT COMPATIBLE WITH ROUND FLANGELESS (E3RL) OR ROUND WOOD CEILING (E3RWC) HOUSINGS.

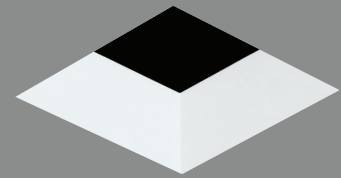
‡HL2W - TWO WIRE LOW-VOLTAGE ELECTRONIC DIMMING, 120V ONLY.

### TRIM

PRODUCT SERIES	CEILING APPEARANCE	FUNCTION	LAMP	FINISH
<b>E3R</b> ELEMENT 3" ROUND	<b>L</b> FLANGELESS	<b>W</b> WALL WASH	<b>-827</b> 80 CRI, 2700K, 2-STEP	<b>-Z</b> ANTIQUE BRONZE
<b>E3S</b> ELEMENT 3" SQUARE	<b>F</b> FLANGED		<b>-830</b> 80 CRI, 3000K, 2-STEP	<b>-B</b> BLACK
	<b>F15</b> FLANGED 1.1"-1.5" CEILING THICKNESS		<b>-835</b> 80 CRI, 3500K, 2-STEP	<b>-S</b> SATIN NICKEL
	<b>F20</b> FLANGED 1.6"-2.0" CEILING THICKNESS		<b>-927</b> 90 CRI, 2700K, 2-STEP	<b>-W</b> WHITE
	<b>F25</b> FLANGED 2.1"-2.5" CEILING THICKNESS		<b>-930</b> 90 CRI, 3000K, 2-STEP	
			<b>-935</b> 90 CRI, 3500K, 2-STEP	
			<b>-WD</b> 90 CRI, 3000-1800K, WARM DIM, 3-STEP	

# 3"

## Halogen Adjustable Downlight



Small aperture recessed downlight fully adjustable with ELEMENT's unique patented high-low lamp positioning. The innovative design allows the lamp to be positioned closer to the aperture for maximum light output and efficiency or higher to minimize glare and flash on the trim. Additional adjustability allows for hot-aiming including 0°-40° tilt and 361° rotation to eliminate dead spots. All aiming functions are lockable. Wood ceiling option allows for a smooth, flangeless appearance using any flangeless trim.

- Patented High-Low Lamp Positioning
- Hot-aiming Including 0°- 40° Tilt and 361° Rotation
- Compatible with LED MR16 Replacement Lamp; LED MR16 Requires No Load Electronic Transformer (12 watt max)
- Glare Reducing Snoot Integrated
- Lensed and Shower Options include Solite™ Soft Focus Lens at Aperture

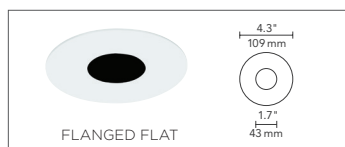
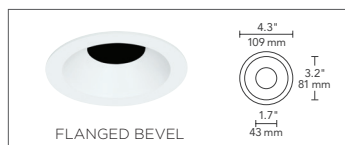
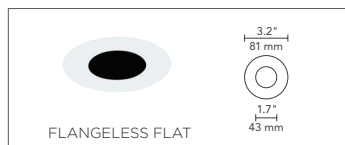
### SPECIFICATIONS

LAMP	Low-voltage Halogen MR16 (75W max in Non-IC, 50W max in IC housing). Compatible with LED MR16 replacement lamps.
WATTS (MAX.)	Halogen: 75w Non-IC, 50w IC
VOLTAGE	120V or 277V
DIMMING*	ELV or MLV (Dimming dependent on transformer type)
ADJUSTABILITY	0°-40° tilt, 361° rotation, and high-low lamp positioning
CEILING APPEARANCE	Flanged (Accommodates up to 2.5" drywall ceiling thickness, depending on trim) or Flangeless
CEILING APERTURE	3-7/8"
HOUSING	IC Airtight, Non-IC, Chicago Plenum IC suitable up to R60 spray foam insulation
POWER SUPPLY	Halogen: Electronic or Magnetic transformer. No load transformer required for LED MR16 compatibility (12 watt max in IC).
GENERAL LISTING	ETL listed. Damp listed. Shower version wet listed.
CONSTRUCTION	Housing: Heavy gauge cold rolled steel Trims: Die-cast aluminum
FINISH	Housing: Black Trims: Antique Bronze, Black, Satin Nickel, White (paintable)
WARRANTY**	1 year

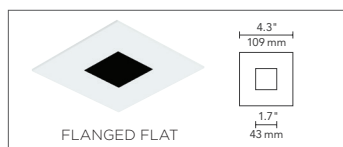
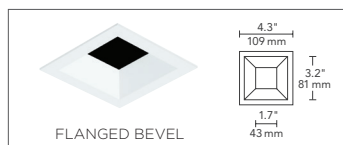
\*See ELEMENT-lighting.com for dimmer compatibility.

\*\*Visit ELEMENT-lighting.com for specific warranty limitations and details.

## ROUND TRIMS



## SQUARE TRIMS



## WOOD CEILING

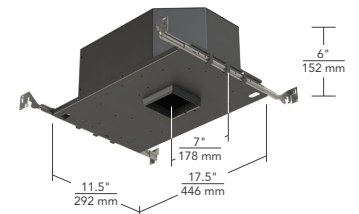


For more information on wood ceiling flangeless options/trims, see page 23.

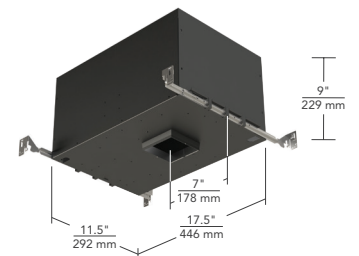
## FINISH OPTIONS



Available in white (paintable), black, satin nickel and antique bronze.



NON-IC/CHICAGO PLENUM



IC AIRTIGHT

## ORDERING GRIDS

### HOUSING

PRODUCT SERIES	CEILING APPEARANCE	LAMP	FUNCTION	HOUSING RATING	TRANSFORMER	WATTAGE RESTRICTION	VOLTAGE
<b>E3R</b> ELEMENT 3" ROUND	<b>LF</b> FLANGELESS	<b>-H</b> HALOGEN MR16	<b>A</b> ADJUSTABLE	<b>I</b> IC AIRTIGHT	<b>E</b> ELECTRONIC***	NONE (LEAVE BLANK)	120 VOLT
<b>E3S</b> ELEMENT 3" SQUARE	<b>FF</b> FLANGED			<b>N</b> NON-IC AIRTIGHT	<b>M</b> MAGNETIC	<b>-WR</b> WATTAGE RESTRICTION*	(LEAVE BLANK)
	<b>WC</b> WOOD CEILING**			<b>C</b> CHICAGO PLENUM	<b>R</b> REMOTE		<b>-277</b> 277 VOLT
				IC NOT AVAILABLE WITH ELECTRONIC TRANSFORMER	<b>N</b> NO LOAD ELECTRONIC†		

TRIMS ARE REQUIRED AND MUST BE ORDERED SEPARATELY.

\*TO INCLUDE WATTAGE RESTRICTION LABEL, SPECIFY -WR AT THE END OF THE HOUSING ITEM NUMBER AND SPECIFY WATTAGE (EXAMPLE: -WR37).

\*\*WOOD CEILING OPTION ACCOMMODATES FLANGELESS TRIMS ONLY. ROUND NOT AVAILABLE WITH MAGNETIC TRANSFORMER.

\*\*\*STANDARD ELECTRONIC NOT AVAILABLE IN IC.

†NO LOAD ELECTRONIC SUITABLE FOR IC WITH MAX 12 WATT LED MR16 REPLACEMENT LAMP.

### TRIM

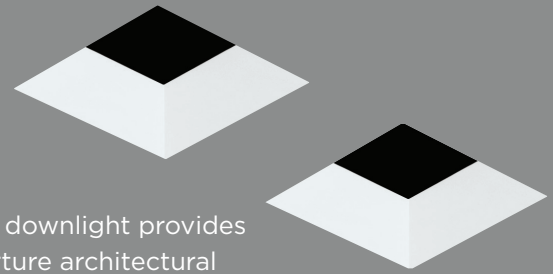
PRODUCT SERIES	CEILING APPEARANCE	TRIM STYLE	APERTURE	FINISH
<b>E3R</b> ELEMENT 3" ROUND	<b>L</b> FLANGELESS UP TO 1" CEILING THICKNESS	<b>B</b> BEVEL	<b>-O</b> NO LENS	<b>Z</b> ANTIQUE BRONZE
<b>E3S</b> ELEMENT 3" SQUARE	<b>F</b> FLANGED UP TO 1" CEILING THICKNESS	<b>F</b> FLAT	<b>-H</b> SHOWER	<b>B</b> BLACK
	<b>F15</b> FLANGED 1.1"-1.5" CEILING THICKNESS		<b>-L</b> LENSED	<b>S</b> SATIN NICKEL
	<b>F20</b> FLANGED 1.6"-2.0" CEILING THICKNESS			<b>W</b> WHITE
	<b>F25</b> FLANGED 2.1"-2.5" CEILING THICKNESS			

WOOD CEILING OPTION ACCOMMODATES FLANGELESS TRIMS ONLY.

# 3"

## Halogen Dual Adjustable Downlight

**1 YEAR**  
WARRANTY



The ELEMENT 3" Halogen Dual Adjustable downlight provides high performance and beautiful small-aperture architectural appearance when design requirements for task or accent lighting require two closely spaced downlights with independent aiming capability. This housing is designed to utilize the same trim pieces as the rest of the ELEMENT 3" series (two per housing). Complete independent adjustability allows for lockable hot-aiming with 0°-40° tilt and 361° rotation of both lamps within a single housing.

- Dual Apertures, 10.3" on Center
- Patented High-Low Lamp Positioning
- Lockable Tool-Free Hot-Aiming with 0°-40° Tilt and 361° Rotation of Both Light Modules
- Flangeless Wood Ceiling Option Accommodates Variable Ceiling Thickness
- Accepts 3 Optical Controls and an Optional Trim Mounted Lens
- Compatible with LED MR16 Replacement Lamp; LED MR16 Requires No Load Electronic Transformer (12 watt max)
- Power Supplies Accessible Through Aperture
- Glare Reducing Snoot Integrated
- Lensed and Shower Options include Solite™ Soft Focus Lens at Aperture

### SPECIFICATIONS

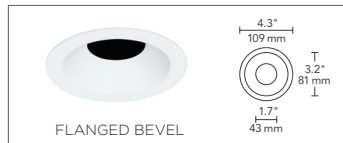
LAMP	Two low-voltage Halogen MR16 lamps per housing. Compatible with LED MR16 replacement lamps
WATTS (MAX.)	Halogen: 50w Non-IC/CP, 35w IC per socket
VOLTAGE	120V or 277V
DIMMING*	ELV or MLV (Dimming dependent on transformer type)
ADJUSTABILITY	0°-40° tilt, 361° rotation, and high-low lamp positioning
CEILING APPEARANCE	Flanged (Accommodates up to 2.5" drywall ceiling thickness, depending on trim) or Flangeless
CEILING APERTURE	3-7/8"
HOUSING	IC Airtight, Non-IC, Chicago Plenum IC suitable up to R60 spray foam insulation
POWER SUPPLY	Halogen: Electronic or Magnetic transformer. No load transformer required for LED MR16 compatibility (12 watt max in IC).
GENERAL LISTING	ETL listed. Damp listed. Shower version wet listed.
CONSTRUCTION	Housing: Heavy gauge cold rolled steel Trims: Die-cast aluminum
FINISH	Housing: Black Trims: Antique Bronze, Black, Satin Nickel, White (paintable)
WARRANTY**	1 year

\*See ELEMENT-lighting.com for dimmer compatibility.

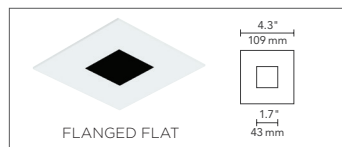
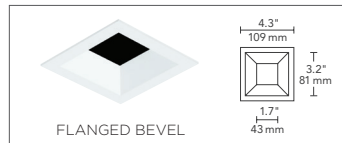
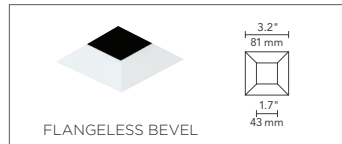
\*\*Visit ELEMENT-lighting.com for specific warranty limitations and details.

Includes integral junction box approved for branch circuit through wiring.

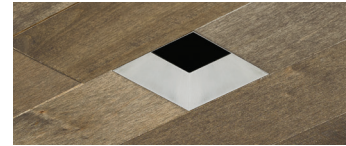
## ROUND TRIMS



## SQUARE TRIMS



## WOOD CEILING

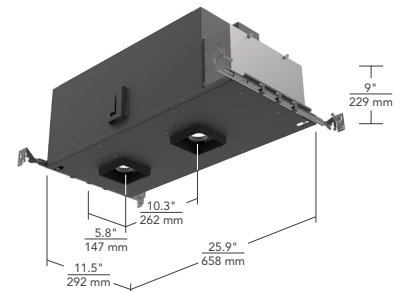
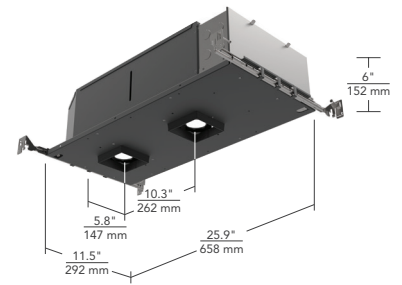


For more information on wood ceiling flangeless options/trims, see page 23.

## FINISH OPTIONS



Available in white (paintable), black, satin nickel and antique bronze.



## ORDERING GRIDS

## HOUSING

PRODUCT SERIES	CEILING APPEARANCE	LAMP	FUNCTION	HOUSING RATING	TRANSFORMER	WATTAGE RESTRICTION (PER SOCKET)	VOLTAGE
<b>E3R</b> ELEMENT 3" ROUND	<b>L</b> FLANGELESS	<b>-H</b> HALOGEN	<b>DA</b> DUAL ADJUSTABLE	<b>I</b> IC AIRTIGHT*	<b>E</b> ELECTRONIC***	NONE (LEAVE BLANK)	<b>120</b> 120 VOLT
<b>E3S</b> ELEMENT 3" SQUARE	<b>F</b> FLANGED			<b>N</b> NON-IC AIRTIGHT*	<b>M</b> MAGNETIC	<b>-WR</b> WATTAGE RESTRICTION**	<b>240</b> 240 VOLT
	<b>WC</b> WOOD CEILING†			<b>C</b> CHICAGO PLENUM*	<b>R</b> REMOTE		<b>277</b> 277 VOLT
					<b>N</b> NO LOAD ELECTRONIC‡		

TWO TRIMS ARE REQUIRED AND MUST BE ORDERED SEPARATELY.

\*IC: 35 WATT MAX PER SOCKET. NON-IC / CP: 50 WATT MAX PER SOCKET.

\*\*TO INCLUDE WATTAGE RESTRICTION, SPECIFY "-WR" AT THE END OF THE HOUSING ITEM NUMBER AND SPECIFY WATTAGE (EXAMPLE: -WR37).

\*\*\*STANDARD ELECTRONIC NOT AVAILABLE WITH IC HOUSING.

†WOOD CEILING OPTION ACCOMMODATES FLANGELESS TRIMS ONLY. ROUND NOT AVAILABLE WITH MAGNETIC TRANSFORMER.

‡NO LOAD ELECTRONIC SUITABLE FOR IC WITH MAX 12 WATT LED MR16 REPLACEMENT LAMP PER SOCKET.

## TRIM

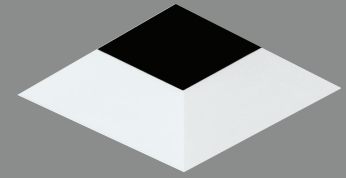
PRODUCT SERIES	CEILING APPEARANCE	TRIM STYLE	APERTURE	FINISH
<b>E3R</b> ELEMENT 3" ROUND	<b>L</b> FLANGELESS	<b>B</b> BEVEL	<b>-O</b> NO LENS	<b>Z</b> ANTIQUE BRONZE
<b>E3S</b> ELEMENT 3" SQUARE	<b>F</b> FLANGED UP TO 1" CEILING THICKNESS	<b>F</b> FLAT	<b>-H</b> SHOWER	<b>B</b> BLACK
	<b>F15</b> FLANGED 1.1"-1.5" CEILING THICKNESS		<b>-L</b> LENSED	<b>S</b> SATIN NICKEL
	<b>F20</b> FLANGED 1.6"-2.0" CEILING THICKNESS			<b>W</b> WHITE
	<b>F25</b> FLANGED 2.1"-2.5" CEILING THICKNESS			

TWO TRIMS ARE REQUIRED PER HOUSING. WOOD CEILING OPTION ACCOMMODATES FLANGELESS TRIMS ONLY.

# 3"

## Halogen Low-Profile Adjustable Downlight

**1 YEAR**  
WARRANTY



The ELEMENT 3" series small aperture, low-profile adjustable downlight provides a unique architectural appearance for shallow ceiling plenum installations. This makes it ideal for space constrained environments such as elevators and healthcare soffits. Complete adjustability allows for lockable hot-aiming including 0°-40° tilt and 361° rotation, eliminating dead spots. Wood ceiling option allows for a smooth, flangeless appearance using any flangeless trim.

- Lockable Tool-Free Hot-Aiming with 0°-40° Tilt and 361° Rotation
- Compatible with LED MR16 Replacement Lamp; LED MR16 Requires No Load Electronic Transformer (12 watt max)
- Glare Reducing Snoot Integrated
- Lensed and Shower Options include Solite™ Soft Focus Lens at Aperture

### SPECIFICATIONS

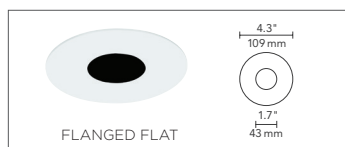
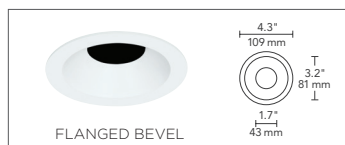
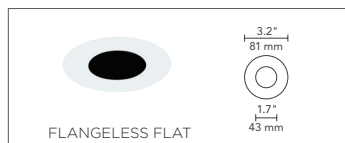
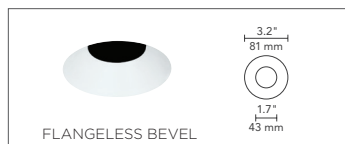
LAMP	Low-voltage Halogen MR16 lamp. Compatible with LED MR16 replacement lamps
WATTS	Halogen: 50w Non-IC only
VOLTAGE	120V or 277V
DIMMING*	ELV or MLV (Dimming dependent on transformer type)
ADJUSTABILITY	Hot aiming, including 0°-40° Tilt and 361° rotation
CEILING APPEARANCE	Flanged (Accommodates up to 2.5" drywall ceiling thickness, depending on trim) or Flangeless
CEILING APERTURE	3-7/8"
HOUSING	Non-IC Airtight
POWER SUPPLY	Halogen: Electronic or Magnetic transformer. No load transformer required for LED MR16 compatibility.
GENERAL LISTING	ETL listed. Damp listed. Shower version wet listed.
CONSTRUCTION	Housing: Heavy gauge cold rolled steel Trims: Die-cast aluminum
FINISH	Housing: Black Trims: Antique Bronze, Black, Satin Nickel, White (paintable)
WARRANTY**	1 year

\*See ELEMENT-lighting.com for dimmer compatibility.

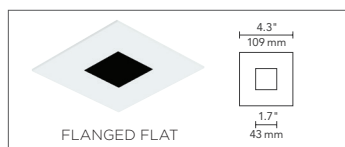
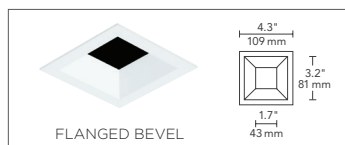
\*\*Visit ELEMENT-lighting.com for specific warranty limitations and details.

Includes integral junction box approved for branch circuit through wiring.

## ROUND TRIMS



## SQUARE TRIMS



## WOOD CEILING

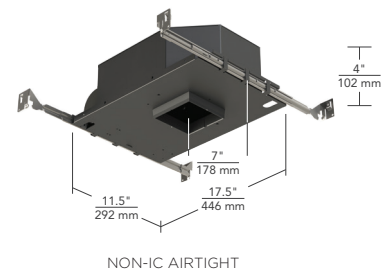


For more information on wood ceiling flangeless options/trims, see page 23.

## FINISH OPTIONS



Available in white (paintable), black, satin nickel and antique bronze.



## ORDERING GRIDS

## HOUSING

PRODUCT SERIES	CEILING APPEARANCE	LAMP	FUNCTION	HOUSING RATING	TRANSFORMER	WATTAGE RESTRICTION (PER SOCKET)	VOLTAGE
<b>E3R</b> ELEMENT 3" ROUND	<b>LF</b> FLANGELESS	<b>-H</b> HALOGEN (50 WATT MAX)	<b>A</b> ADJUSTABLE	<b>S</b> SHALLOW NON-IC AIRTIGHT	<b>E</b> ELECTRONIC	NONE (LEAVE BLANK)	120 VOLT (LEAVE BLANK)
<b>E3S</b> ELEMENT 3" SQUARE	<b>FF</b> FLANGED				<b>M</b> MAGNETIC	<b>-WR</b> WATTAGE RESTRICTION*	<b>240</b> 240 VOLT
	<b>WC</b> WOOD CEILING**				<b>R</b> REMOTE		<b>277</b> 277 VOLT
					<b>N</b> NO LOAD ELECTRONIC		

TRIMS ARE REQUIRED AND MUST BE ORDERED SEPARATELY.

\*TO INCLUDE WATTAGE RESTRICTION LABEL, SPECIFY -WR AT THE END OF THE HOUSING ITEM NUMBER AND SPECIFY WATTAGE (EXAMPLE: -WR37).

\*\*WOOD CEILING OPTION ACCOMMODATES FLANGELESS TRIMS ONLY. ROUND NOT AVAILABLE WITH MAGNETIC TRANSFORMER.

## TRIM

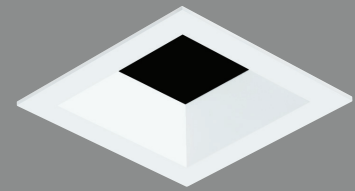
PRODUCT SERIES	CEILING APPEARANCE	TRIM STYLE	APERTURE	FINISH
<b>E3R</b> ELEMENT 3" ROUND	<b>L</b> FLANGELESS UP TO 1" CEILING THICKNESS	<b>B</b> BEVEL	<b>-O</b> NO LENS	<b>Z</b> ANTIQUE BRONZE
<b>E3S</b> ELEMENT 3" SQUARE	<b>F</b> FLANGED UP TO 1" CEILING THICKNESS	<b>F</b> FLAT	<b>-H</b> SHOWER	<b>B</b> BLACK
	<b>F15</b> FLANGED 1.1"-1.5" CEILING THICKNESS		<b>-L</b> LENSED	<b>S</b> SATIN NICKEL
	<b>F20</b> FLANGED 1.6"-2.0" CEILING THICKNESS			<b>W</b> WHITE
	<b>F25</b> FLANGED 2.1"-2.5" CEILING THICKNESS			

WOOD CEILING OPTION ACCOMMODATES FLANGELESS TRIMS ONLY.

# 3"

## Halogen Remodel Adjustable Downlight

**1 YEAR**  
WARRANTY



The ELEMENT 3" Halogen MR16 remodel downlight with architectural appearance has 0°- 30° tilt and 361° internal rotation, including tool-free hot-aiming and locking.

- Compatible with LED MR16 Replacement Lamp; LED MR16 Requires No Load Electronic Transformer (12 watt max)
- Lensed and Shower Options include Solite™ Soft Focus Lens at Aperture

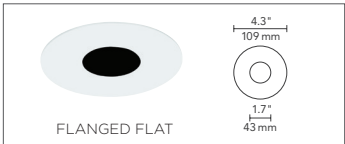
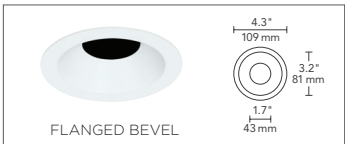
### SPECIFICATIONS

LAMP	Low-voltage Halogen MR16 lamp. Compatible with LED MR16 replacement lamps.
WATTS	Halogen: 75 Non-IC only
VOLTAGE	120V or 277V
DIMMING*	ELV or MLV (Dimming dependent on transformer type).
ADJUSTABILITY	Hot aiming, including 0°-30° Tilt and 361° rotation
CEILING APPEARANCE	Flanged (accommodates up to 1" drywall or wood ceiling thickness)
CEILING APERTURE	3-7/8"
HOUSING	Non-IC
POWER SUPPLY	Halogen: Electronic or Magnetic transformer. No load transformer required for LED MR16 compatibility
GENERAL LISTING	ETL listed. Damp listed. Shower version wet listed.
CONSTRUCTION	Housing: Heavy gauge cold rolled steel Trims: Die-cast aluminum
FINISH	Housing: Black Trims: Antique Bronze, Black, Satin Nickel, White (paintable)
WARRANTY**	1 year

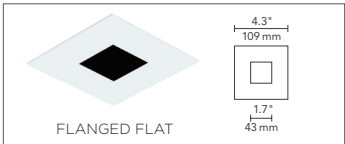
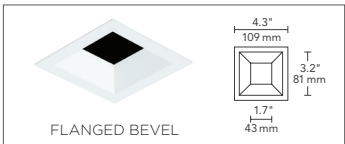
\*See ELEMENT-lighting.com for dimmer compatibility.

\*\*Visit ELEMENT-lighting.com for specific warranty limitations and details.

ROUND TRIMS



SQUARE TRIMS



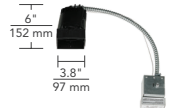
FINISH OPTIONS



Available in white (paintable), black, satin nickel and antique bronze.



NON-IC AIRTIGHT  
(SHOWN FULLY TILTED)



NON-IC AIRTIGHT

ORDERING GRIDS

HOUSING

PRODUCT SERIES	CEILING APPEARANCE	LAMP	FUNCTION	HOUSING RATING	TRANSFORMER	WATTAGE RESTRICTION (PER SOCKET)	VOLTAGE
<b>E3R</b> ELEMENT 3" ROUND	<b>RF</b> FLANGED REMODEL	<b>-H</b> HALOGEN MR16	<b>A</b> ADJUSTABLE	<b>N</b> NON-IC	<b>E</b> ELECTRONIC	NONE (LEAVE BLANK)	120 VOLT (LEAVE BLANK)
<b>E3S</b> ELEMENT 3" SQUARE					<b>M</b> MAGNETIC	<b>-WR</b> WATTAGE RESTRICTION*	<b>277</b> 277 VOLT
					<b>N</b> NO LOAD ELECTRONIC		

TRIMS ARE REQUIRED AND MUST BE ORDERED SEPARATELY.  
\*TO INCLUDE WATTAGE RESTRICTION LABEL, SPECIFY -WR AT THE END OF THE HOUSING ITEM NUMBER AND SPECIFY WATTAGE (EXAMPLE: -WR37).

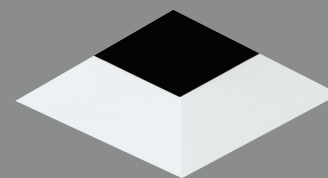
TRIM

PRODUCT SERIES	CEILING APPEARANCE	STYLE	APERTURE	FINISH
<b>E3R</b> ELEMENT 3" ROUND	<b>F</b> FLANGED	<b>B</b> BEVEL	<b>-O</b> NO LENS	<b>Z</b> ANTIQUE BRONZE
<b>E3S</b> ELEMENT 3" SQUARE		<b>F</b> FLAT	<b>-H</b> SHOWER	<b>B</b> BLACK
			<b>-L</b> LENSED	<b>S</b> SATIN NICKEL
				<b>W</b> WHITE

# 3"

## Halogen Fixed Downlight

**1 YEAR**  
WARRANTY



Small aperture recessed straight downlight with architectural appearance and optimized lamp positioning. Utilizes the same trims as adjustable 3" new construction housing maintaining a uniform below the ceiling appearance regardless of fixture function. Wood ceiling option allows for a smooth, flangeless appearance using any flangeless trim.

- Compatible with LED MR16 Replacement Lamp; LED MR16 Requires No Load Electronic Transformer (12 watt max)
- Glare Reducing Snoot Integrated
- Lensed and Shower Options include Solite™ Soft Focus Lens at Aperture

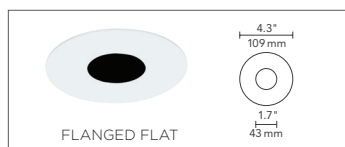
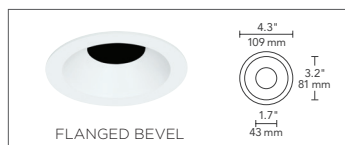
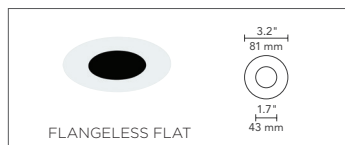
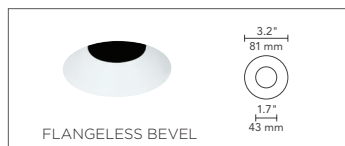
### SPECIFICATIONS

LAMP	Low-voltage MR16 lamp assemblies per housing. Compatible with LED MR16 replacement lamps.
WATTS (MAX.)	Halogen: 75w Non-IC, 50w IC
VOLTAGE	120V or 277V
DIMMING*	ELV or MLV (Dimming dependent on transformer type).
CEILING APPEARANCE	Flanged (Accommodates up to 2.5" drywall ceiling thickness, depending on trim) or Flangeless
CEILING APERTURE	3-7/8"
HOUSING	IC Airtight, Non-IC, Chicago Plenum, IC suitable up to R60 spray foam insulation
POWER SUPPLY	Halogen: Electronic or Magnetic transformer. No load transformer required for LED MR16 compatibility (12 watt max in IC).
GENERAL LISTING	ETL listed. Damp listed. Shower version wet listed.
CONSTRUCTION	Housing: Heavy gauge cold rolled steel Trims: Die-cast aluminum
FINISH	Housing: Black Trims: Antique Bronze, Black, Satin Nickel, White (paintable)
WARRANTY**	1 year

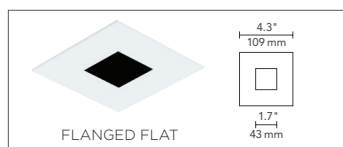
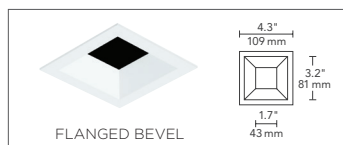
\*See [ELEMENT-lighting.com](http://ELEMENT-lighting.com) for dimmer compatibility.

\*\*Visit [ELEMENT-lighting.com](http://ELEMENT-lighting.com) for specific warranty limitations and details.

## ROUND TRIMS



## SQUARE TRIMS



## WOOD CEILING

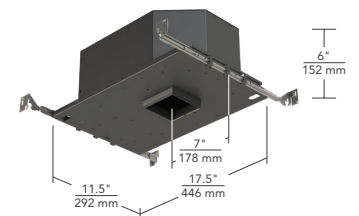


For more information on wood ceiling flangeless options/trims, see page 23.

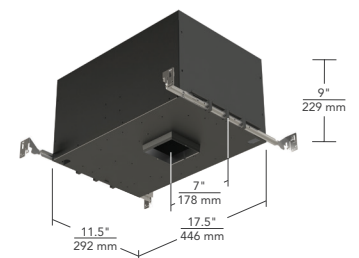
## FINISH OPTIONS



Available in white (paintable), black, satin nickel and antique bronze.



NON-IC/CHICAGO PLENUM



IC AIRTIGHT

## ORDERING GRIDS

### HOUSING

PRODUCT SERIES	CEILING APPEARANCE	LAMP	FUNCTION	HOUSING RATING	TRANSFORMER	WATTAGE RESTRICTION	VOLTAGE
<b>E3R</b> ELEMENT 3" ROUND	<b>LF</b> FLANGELESS	<b>-H</b> HALOGEN MR16	<b>D</b> DOWN	<b>I</b> IC AIRTIGHT	<b>E</b> ELECTRONIC***	NONE (LEAVE BLANK)	120 VOLT (LEAVE BLANK)
<b>E3S</b> ELEMENT 3" SQUARE	<b>FF</b> FLANGED	<b>WC</b> WOOD CEILING**		<b>N</b> NON-IC AIRTIGHT	<b>M</b> MAGNETIC	<b>-WR</b> WATTAGE RESTRICTION*	<b>-277</b> 277 VOLT
				<b>C</b> CHICAGO PLENUM	<b>R</b> REMOTE		
				IC NOT AVAILABLE WITH ELECTRONIC TRANSFORMER	<b>N</b> NO LOAD ELECTRONIC†		

TRIMS ARE REQUIRED AND MUST BE ORDERED SEPARATELY.

\*TO INCLUDE WATTAGE RESTRICTION LABEL, SPECIFY -WR AT THE END OF THE HOUSING ITEM NUMBER AND SPECIFY WATTAGE (EXAMPLE: -WR37).

\*\*WOOD CEILING OPTION ACCOMMODATES FLANGELESS TRIMS ONLY. ROUND NOT AVAILABLE WITH MAGNETIC TRANSFORMER.

\*\*\*STANDARD ELECTRONIC NOT AVAILABLE IN IC.

†NO LOAD ELECTRONIC SUITABLE FOR IC WITH MAX 12 WATT LED MR16 REPLACEMENT LAMP.

### TRIM

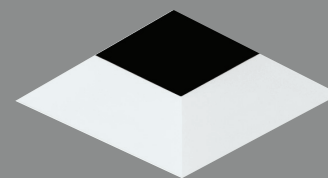
PRODUCT SERIES	CEILING APPEARANCE	TRIM STYLE	APERTURE	FINISH
<b>E3R</b> ELEMENT 3" ROUND	<b>L</b> FLANGELESS UP TO 1" CEILING THICKNESS	<b>B</b> BEVEL	<b>-O</b> NO LENS	<b>Z</b> ANTIQUE BRONZE
<b>E3S</b> ELEMENT 3" SQUARE	<b>F</b> FLANGED UP TO 1" CEILING THICKNESS	<b>F</b> FLAT	<b>-H</b> SHOWER	<b>B</b> BLACK
	<b>F15</b> FLANGED 1.1"-1.5" CEILING THICKNESS		<b>-L</b> LENSED	<b>S</b> SATIN NICKEL
	<b>F20</b> FLANGED 1.6"-2.0" CEILING THICKNESS			<b>W</b> WHITE
	<b>F25</b> FLANGED 2.1"-2.5" CEILING THICKNESS			

WOOD CEILING OPTION ACCOMMODATES FLANGELESS TRIMS ONLY.

# 3"

## Halogen Low-Profile Fixed Downlight

**1 YEAR**  
WARRANTY



Small aperture downlight with architectural appearance. 4" height for shallow ceiling installations. Utilizes the same trims as the standard 3" housing so it can be used in the same application only where a shallower housing is required. Wood ceiling option allows for a smooth, flangeless appearance using any flangeless trim.

- Compatible with LED MR16 Replacement Lamp; LED MR16 Requires No Load Electronic Transformer (12 watt max)
- Glare Reducing Snoot Integrated
- Lensed and Shower Options include Solite™ Soft Focus Lens at Aperture

### SPECIFICATIONS

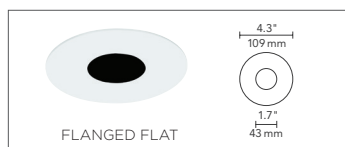
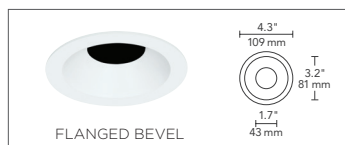
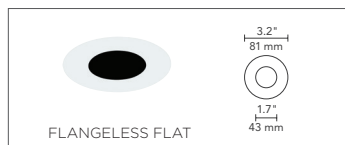
LAMP	Low-voltage Halogen MR16 lamp. Compatible with LED MR16 replacement lamps
WATTS	Halogen: 50w Non-IC only
VOLTAGE	120V or 277V
DIMMING*	ELV or MLV (Dimming dependent on transformer type)
CEILING APPEARANCE	Flanged (Accommodates up to 2.5" drywall ceiling thickness, depending on trim) or Flangeless
CEILING APERTURE	3-7/8"
HOUSING	Non-IC Airtight
POWER SUPPLY	Halogen: Electronic or Magnetic transformer. No load transformer required for LED MR16 compatibility.
GENERAL LISTING	ETL listed. Damp listed. Shower version wet listed.
CONSTRUCTION	Housing: Heavy gauge cold rolled steel Trims: Die-cast aluminum
FINISH	Housing: Black Trims: Antique Bronze, Black, Satin Nickel, White (paintable)
WARRANTY**	1 year

\*See [ELEMENT-lighting.com](http://ELEMENT-lighting.com) for dimmer compatibility.

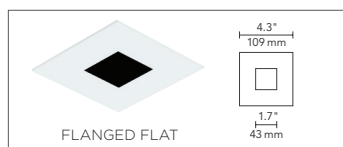
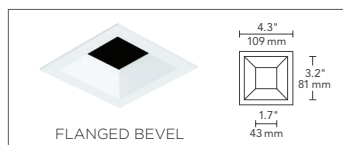
\*\*Visit [ELEMENT-lighting.com](http://ELEMENT-lighting.com) for specific warranty limitations and details.

Includes integral junction box approved for branch circuit through wiring.

## ROUND TRIMS



## SQUARE TRIMS



## WOOD CEILING

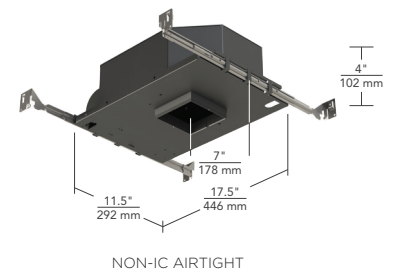


For more information on wood ceiling flangeless options/trims, see page 23.

## FINISH OPTIONS



Available in white (paintable), black, satin nickel and antique bronze.



## ORDERING GRIDS

### HOUSING

PRODUCT SERIES	CEILING APPEARANCE	LAMP	FUNCTION	HOUSING RATING	TRANSFORMER	WATTAGE RESTRICTION	VOLTAGE
<b>E3R</b> ELEMENT 3" ROUND	<b>LF</b> FLANGELESS	<b>-H</b> HALOGEN MR16 (50 WATT MAX)	<b>D</b> DOWN	<b>S</b> SHALLOW NON-IC AIRTIGHT	<b>E</b> ELECTRONIC	NONE (LEAVE BLANK)	120 VOLT (LEAVE BLANK)
<b>E3S</b> ELEMENT 3" SQUARE	<b>FF</b> FLANGED				<b>M</b> MAGNETIC	<b>-WR</b> WATTAGE RESTRICTION*	
	<b>WC</b> WOOD CEILING**				<b>R</b> REMOTE		<b>-277</b> 277 VOLT
					<b>N</b> NO LOAD ELECTRONIC		

TRIMS ARE REQUIRED AND MUST BE ORDERED SEPARATELY.

\*TO INCLUDE WATTAGE RESTRICTION LABEL, SPECIFY -WR AT THE END OF THE HOUSING ITEM NUMBER AND SPECIFY WATTAGE (EXAMPLE: -WR37).

\*\*WOOD CEILING OPTION ACCOMMODATES FLANGELESS TRIMS ONLY. ROUND NOT AVAILABLE WITH MAGNETIC TRANSFORMER.

### TRIM

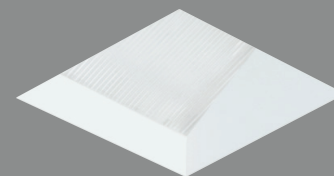
PRODUCT SERIES	CEILING APPEARANCE	TRIM STYLE	APERTURE	FINISH
<b>E3R</b> ELEMENT 3" ROUND	<b>L</b> FLANGELESS UP TO 1" CEILING THICKNESS	<b>B</b> BEVEL	<b>-O</b> NO LENS	<b>Z</b> ANTIQUE BRONZE
<b>E3S</b> ELEMENT 3" SQUARE	<b>F</b> FLANGED UP TO 1" CEILING THICKNESS	<b>F</b> FLAT	<b>-H</b> SHOWER	<b>B</b> BLACK
	<b>F15</b> FLANGED 1.1"-1.5" CEILING THICKNESS		<b>-L</b> LENSED	<b>S</b> SATIN NICKEL
	<b>F20</b> FLANGED 1.6"-2.0" CEILING THICKNESS			<b>W</b> WHITE
	<b>F25</b> FLANGED 2.1"-2.5" CEILING THICKNESS			

WOOD CEILING OPTION ACCOMMODATES FLANGELESS TRIMS ONLY.

# 3"

## Halogen Wall Wash

**1 YEAR**  
WARRANTY



Small aperture wall wash with architectural appearance. Lamp is trim mounted for optimal light output. Trim angled with frosted linear spread lens which creates consistent and even horizontal and vertical illumination. Wood ceiling option allows for a smooth, flangeless appearance using flangeless trim.

- Compatible with LED MR16 Replacement Lamp; LED MR16 Requires No Load Electronic Transformer (12 watt max)
- Power Supplies Accessible Through Aperture

### SPECIFICATIONS

LAMP	Low-voltage Halogen MR16 lamp. Compatible with LED MR16 replacement lamps
WATTS (MAX.)	Halogen: 75w Non-IC, 50w IC
VOLTAGE	120V or 277V
DIMMING*	ELV or MLV (Dimming dependent on transformer type)
ADJUSTABILITY	361° rotation
CEILING APPEARANCE	Flanged (Accommodates up to 2.5" drywall ceiling thickness, depending on trim) or Flangeless
CEILING APERTURE	3-7/8"
HOUSING	IC Airtight, Non-IC, Chicago Plenum, IC suitable up to R60 spray foam insulation
POWER SUPPLY	Halogen: Electronic or Magnetic transformer. No load transformer required for LED MR16 compatibility (12 watt max in IC).
GENERAL LISTING	ETL listed. Damp listed.
CONSTRUCTION	Housing: Heavy gauge cold rolled steel Trims: Die-cast aluminum
FINISH	Housing: Black Trims: Antique Bronze, Black, Satin Nickel, White (paintable)
WARRANTY**	1 year

\*Visit [ELEMENT-lighting.com](http://ELEMENT-lighting.com) for specific warranty limitations and details.

\*\*See [ELEMENT-lighting.com](http://ELEMENT-lighting.com) for dimmer compatibility.

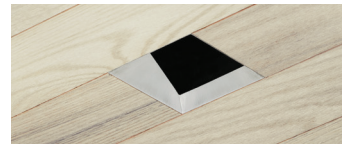
## ROUND TRIMS



## SQUARE TRIMS



## WOOD CEILING

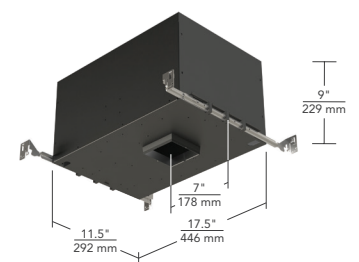
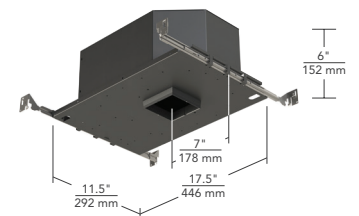


For more information on wood ceiling flangeless options/trims, see page 23.

## FINISH OPTIONS



Available in white (paintable), black, satin nickel and antique bronze.



## ORDERING GRIDS

### HOUSING

PRODUCT SERIES	CEILING APPEARANCE	FUNCTION	LAMP	HOUSING RATING	TRANSFORMER	WATTAGE RESTRICTION	VOLTAGE
<b>E3R</b> ELEMENT 3" ROUND	<b>L</b> FLANGELESS	<b>W</b> WALL WASH	<b>-H</b> HALOGEN MR16	<b>I</b> IC AIRTIGHT	<b>E</b> ELECTRONIC***	NONE (LEAVE BLANK)	120 VOLT
<b>E3S</b> ELEMENT 3" SQUARE	<b>F</b> FLANGED			<b>N</b> NON-IC AIRTIGHT	<b>M</b> MAGNETIC	<b>-WR</b> WATTAGE RESTRICTION*	(LEAVE BLANK)
	<b>WC</b> WOOD CEILING**			<b>C</b> CHICAGO PLENUM	<b>R</b> REMOTE		<b>-277</b> 277 VOLT
				IC NOT AVAILABLE WITH ELECTRONIC TRANSFORMER	<b>N</b> NO LOAD ELECTRONIC†		

TRIMS ARE REQUIRED AND MUST BE ORDERED SEPARATELY.

\*TO INCLUDE WATTAGE RESTRICTION LABEL, SPECIFY -WR AT THE END OF THE HOUSING ITEM NUMBER AND SPECIFY WATTAGE (EXAMPLE: -WR37).

\*\*WOOD CEILING OPTION ACCOMMODATES WC FLANGELESS TRIMS ONLY. ROUND NOT AVAILABLE WITH MAGNETIC TRANSFORMER.

\*\*\*STANDARD ELECTRONIC NOT AVAILABLE IN IC. †NO LOAD ELECTRONIC SUITABLE FOR IC WITH MAX 12 WATT LED MR16 REPLACEMENT LAMP.

### TRIM

PRODUCT SERIES	CEILING APPEARANCE	FUNCTION	FINISH
<b>E3R</b> ELEMENT 3" ROUND	<b>L</b> FLANGELESS UP TO 1" CEILING THICKNESS	<b>W</b> WALL WASH	<b>-Z</b> ANTIQUE BRONZE
<b>E3S</b> ELEMENT 3" SQUARE	<b>F</b> FLANGED UP TO 1" CEILING THICKNESS		<b>-B</b> BLACK
	<b>WC</b> WOOD CEILING		<b>-S</b> SATIN NICKEL
			<b>-W</b> WHITE

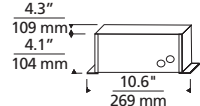
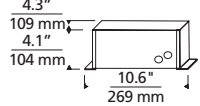
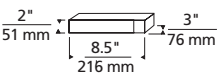
WOOD CEILING OPTION ACCOMMODATES WC FLANGELESS TRIMS ONLY.

# 3"

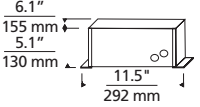
## Halogen Transformers

Remote transformers install in an accessible location behind the ceiling or wall.  
For technical information on remote transformers, see below.

### SINGLE FEED TRANSFORMERS

	INPUT VOLTAGE OUTPUT VOLTAGE WATTAGE / TYPE	ITEM NUMBER	COMPATIBLE DIMMER TYPE	COMPATIBLE DIMMING COIL	277 VOLT INPUT OPTION
	1 x 120V 12V 1 x 150 watts Magnetic	700AT150T	Low-voltage Magnetic 600 watts	700DIM150	700AT150T277
	1 x 120V 12V 1 x 300 watts Magnetic	700AT300T	Low-voltage Magnetic 600 watts	700DIM300	700AT300T277
	1 x 120V 12V 1 x 300 watts Electronic	700AT300EL	Low-voltage Magnetic 600 watts	—	—

### DUAL FEED TRANSFORMERS

	INPUT VOLTAGE OUTPUT VOLTAGE WATTAGE / TYPE	ITEM NUMBER	COMPATIBLE DIMMER TYPE	COMPATIBLE DIMMING COIL	277 VOLT INPUT OPTION
	1 x 120V 12V 2 x 300 watts Magnetic	700AT600T	Low-voltage Magnetic 1000 watts	700DIM600	700AT600T277

# REMOTE TRANSFORMER FOR HALOGEN MR16



## SELECTING A TRANSFORMER: MAGNETIC VS ELECTRONIC

The transformer is the key to a low-voltage system. The total output wattage of the transformer determines the total wattage of the ELEMENT fixtures that can be powered. For example, a 300 watt transformer can power up to six 50 watt lamps (6 x 50 = 300). There are several transformer options from which to choose. Knowing the advantages of each will help you to select the best transformer.



Magnetic



Electronic

## MAGNETIC TRANSFORMER

Magnetic transformers have historically been the choice of lighting professionals due to their reliability. We offer a wide range of output wattages for magnetic transformers. When dimming a magnetic transformer, it is important to use a low-voltage magnetic dimmer. A magnetic transformer cannot be used with LED MR16 replacement lamps.

## ELECTRONIC TRANSFORMER

Electronic transformers are much smaller and lighter than their magnetic counterparts and have the advantage of being resettable at the wall switch in the event of a system short circuit. We offer 12 volt electronic remote transformers with 300 watt outputs. When dimming an electronic transformer, it is important to use a low-voltage electronic dimmer. An electronic transformer is required to use LED MR16 replacement lamps.



Debuzzing  
Dimming Coil

## DIMMING

All Tech Lighting transformers may be dimmed with the appropriate dimmer: a low-voltage magnetic dimmer for a magnetic transformer; a low-voltage electronic dimmer for an electronic transformer, or a standard incandescent dimmer where indicated. The dimmer is placed on the line-voltage side of the input line. Consult the transformer chart above for the compatible dimmer type. It is very important to use the compatible dimmer type: failure to do so can create undesirable noise and shorten the useful life of the transformer.

Remote transformers are generally placed outside the room, so any buzzing that may be caused by dimming is not noticeable. If using a remote magnetic transformer and a buzzing noise is apparent, a debuzzing dimming coil may be wired in series on one of the 120 volt input lines. Select the correct dimming coil (see below) based on the wattage of your transformer.

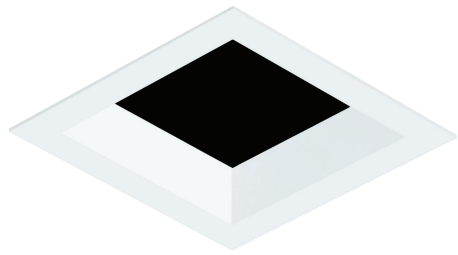
### DEBUZZING DIMMING COIL ALONE

	DIAMETER	DEPTH
700DIM150	1.75"	0.75"
700DIM300	2.25"	1"
700DIM600	4.75"	1"



4" LED Fixed Downlights (square/flanged/bevel/satin nickel)  
Private Residence by: Alex Pearsall, General Contractor Design Build | Chicago, IL  
Architect: Norsman Architects, LTD | Interior Designer: Kelley Shields Interior Design

# 4"



## ELEMENT DOWNLIGHTS

Ideal for maximum LED light output in environments with higher ceilings, yet where a small aperture aesthetic is desired.

## LED

Adjustable

Low-Profile Adjustable

Fixed

Wall Wash

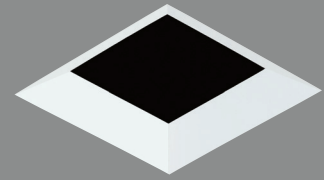


4" LED Fixed Downlights (round/flangeless/bevel/white)  
Private Residence by: dSpace Studio | Chicago, Illinois | Architect: Kevin Toukoumidis | Photography: Scott Shigley



# 4"




**LED**  
Adjustable  
Downlight



This specification grade LED downlight offers a wide selection of LED module options to address design requirements in the spaces it illuminates. Featuring ELEMENT's unique patented high-low lamp positioning feature, the innovative design allows the LED to be positioned closer to the aperture for maximum light output and efficiency or higher to minimize glare and flash on the trim. Additional adjustability allows for tool-free hot-aiming and locking including 0°-40° tilt and 361° rotation while always maintaining center beam candle power.

- Tool-Free Aiming/Locking
- 0-40° Tilt
- 361° Rotation
- Patented High/Low Lamp Positioning
- 2-Step Standard
- Trim Reflector Options
- Solite™ Soft Focus Lens Option
- Lutron/eldoLED Driver Options
- Driver/Field Connections Serviceable Through Aperture
- Integral Junction Box Approved for Branch Wiring

## SPECIFICATIONS

							
	CITIZEN			CITIZEN WARM DIM		XICATO	
	MAX OUTPUT	HIGH OUTPUT	LOW OUTPUT	HIGH OUTPUT	LOW OUTPUT	STANDARD SERIES	ARTIST SERIES
DELIVERED LUMENS	3300 / 2640	3200 / 2584	1800 / 1450	2374	1300	2195	1927
WATTS	31	31	17	31	17	24	25
EFFICACY	106 / 85	101 / 83	106 / 85	76	76	91	77
CRI	80+ / 90+	80+ / 90+	80+ / 90+	90+		80+	95+
CBCP	10° - 19,414 (low output) 18° - 8192 25° - 6907 40° - 4517 60° - 3209			18° - N/A 25° - N/A 40° - 2381		21° - 5306 43° - 4386 60° - 1690	
CCT OPTIONS	2700K, 3000K or 3500K			3000K-1800K Warm Dim		2700K, 3000K or 3500K***	
COLOR CONSISTENCY	2-Step						
VOLTAGE	120V or 277V						
DIMMING*	Standard phase dimming (Down to <1%*) 0-10V (Down to 5%) Lutron Hi-Lume Ecosystem Fade-To-Black (Down to 0.1%) Lutron Hi-Lume 2-wire (Down to 1%) eldoLED 0-10V or Dali (Down to 0.1%)						
POWER SUPPLY	Constant current driver with +.9 power factor and +80% efficiency						
OPTICS	Field Changeable: 10°, 18°, 25°, 40° 60° TIR					Field Changeable: 21°, 43°, 60° Reflector	
ADJUSTABILITY	0-40° tilt, 361° rotation, high-low lamp positioning, 45° collar rotation						
CEILING APPEARANCE	Flanged (Accommodates up to 2.5" ceiling thickness) or Flangeless						
CEILING APERTURE	4-1/2" ceiling cut-out						
HOUSING	IC Airtight, Non-IC Airtight, Chicago Plenum. IC suitable for insulation rating up to R60						
CONSTRUCTION	Housing: Heavy gauge cold rolled steel Trims: Die cast aluminum						
FINISH	Housing: Black Powder Coat Trims: Antique Bronze, Black, Satin Nickel, White (paintable)						
GENERAL LISTING	ETL listed. Damp listed. Shower version wet listed.						
CALIFORNIA TITLE 24	Registered CEC Appliance Database. Can be used to comply with CEC 2016 Title 24 Part 6 for 90 CRI versions.						
LED LIFETIME	L70; 50,000 hours						
WARRANTY**	5 years						

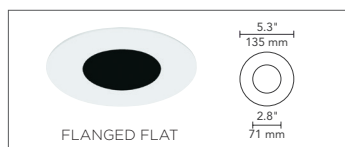
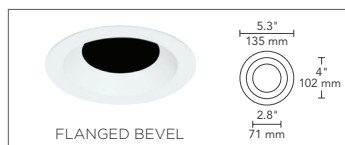
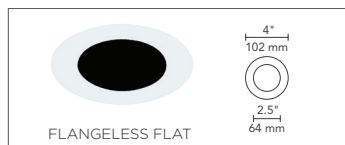
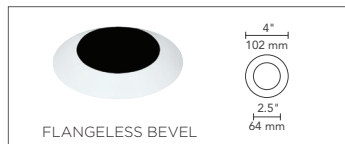
\*See ELEMENT-lighting.com for dimmer compatibility.

\*\*Visit ELEMENT-lighting.com for specific warranty limitations and details.

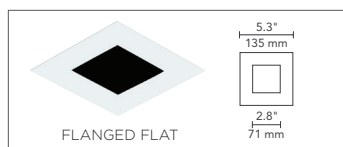
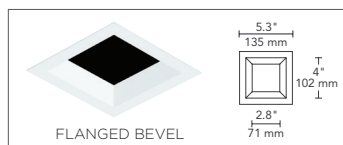
\*\*\*3500K Xicato module not available for Artist series.

Data in chart reflect 3000K/80 CRI values unless noted. Output difference between CCTs ~ 5%, CRIs ~ 15%. Consult Quotes Dept for alternate or custom driver selections. Accepts two optical controls and an optional trim-mounted lens.

## ROUND TRIMS



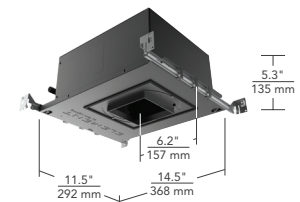
## SQUARE TRIMS



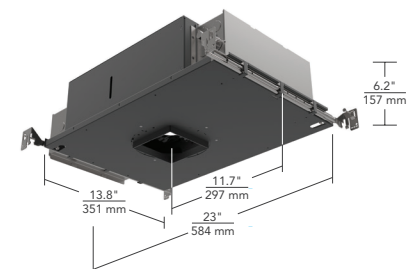
## FINISH OPTIONS



Available in white (paintable), black, satin nickel and antique bronze.



IC/NON-IC/  
CHICAGO PLENUM



EMERGENCY BATTERY (NON-IC)

## ORDERING GRIDS

### HOUSING

PRODUCT SERIES	CEILING APPEARANCE	OUTPUT	CRI/CCT	BEAM SPREAD	FUNCTION	HOUSING RATING	DRIVER	VOLTAGE
<b>E4R</b> ELEMENT 4" ROUND	<b>L</b> FLANGELESS	<b>-LV</b> MAX OUTPUT, 31W	<b>827</b> 80 CRI, 2700K, 2-STEP	<b>10</b> 10°	<b>A</b> ADJUSTABLE	<b>I</b> IC AIRTIGHT	STANDARD PHASE	120 VOLT (LEAVE BLANK)
<b>E4S</b> ELEMENT 4" SQUARE	<b>F</b> FLANGED	<b>-LH</b> HIGH OUTPUT, 31W	<b>830</b> 80 CRI, 3000K, 2-STEP	<b>18</b> 15°		<b>N</b> NON-IC AIRTIGHT	DIMMING <1%** (LEAVE BLANK)	<b>-277</b> 277 VOLT
		<b>-LO</b> LOW OUTPUT, 17W	<b>835</b> 80 CRI, 3500K, 2-STEP	<b>25</b> 25°		<b>C</b> CHICAGO PLENUM	0-10V DIMMING	
			<b>927</b> 90 CRI, 2700K, 2-STEP	<b>40</b> 40°		<b>E</b> EMERGENCY BATTERY (NON-IC / CHICAGO PLENUM)	<b>-010</b> 0-10V DIMMING	
			<b>930</b> 90 CRI, 3000K, 2-STEP	<b>60</b> 60°			<b>-ELD0</b> ELDOLED 0.1% 0-10V LINEAR	
			<b>935</b> 90 CRI, 3500K, 2-STEP				<b>-ELD0A</b> ELDOLED 0.1% 0-10V LOGARITHMIC	
			<b>WD</b> 90 CRI, 3000-1800K, WARM DIM, 3-STEP				<b>-ELD1</b> ELDOLED 1% 0-10V LINEAR	
							<b>-ELD1A</b> ELDOLED 1% 0-10V LOGARITHMIC	
							<b>-ELDD</b> ELDOLED 0.1% DALI	
							<b>-HL2W</b> LUTRON HI-LUME 1% 2 WIRE*†	
							<b>-HLECO</b> LUTRON HI-LUME 0.1% ECO-SYSTEM FADE-TO-BLACK	
		<b>-X</b> XICATO, HIGH OUTPUT, 25W	<b>I27</b> 80 CRI, 2700K, 1X2-STEP, XICATO	<b>21</b> 21° XICATO				
			<b>I30</b> 80 CRI, 3000K, 1X2-STEP, XICATO	<b>43</b> 43° XICATO				
			<b>I35</b> 80 CRI, 3500K, 1X2-STEP, XICATO	<b>60</b> 60° XICATO				
			<b>A27</b> 95 CRI, 2700K, 1X2-STEP, XICATO ARTIST					
			<b>A30</b> 95 CRI, 3000K, 1X2-STEP, XICATO ARTIST					

TRIMS ARE REQUIRED AND MUST BE ORDERED SEPARATELY.

\*MAX & HIGH OUTPUT HI-LUME 2-WIRE NOT AVAILABLE IN IC AIRTIGHT HOUSING.

\*\*SEE DIMMER COMPATIBILITY CHART.

†NOTE: AVAILABLE LOW OUTPUT ONLY. 10° OPTIC HAS A UNIQUE LED MODULE NOT AVAILABLE WITH WARM DIM. CHANGING OPTICS TO 18°, 25°, 40° OR 60°, WILL REQUIRE A NEW LED MODULE.

‡HL2W - TWO WIRE LOW-VOLTAGE ELECTRONIC DIMMING, 120 VOLT ONLY.

### TRIM

PRODUCT SERIES	CEILING APPEARANCE	STYLE	APERTURE	FINISH
<b>E4R</b> ELEMENT 4" ROUND	<b>L</b> FLANGELESS	<b>B</b> BEVEL	<b>-O</b> NO LENS	<b>Z</b> ANTIQUE BRONZE
<b>E4S</b> ELEMENT 4" SQUARE	<b>F</b> FLANGED UP TO 1" CEILING THICKNESS	<b>F</b> FLAT	<b>-H</b> SHOWER	<b>B</b> BLACK
	<b>F15</b> FLANGED 1.1"-1.5" CEILING THICKNESS		<b>-L</b> LENSED	<b>S</b> SATIN NICKEL
	<b>F20</b> FLANGED 1.6"-2.0" CEILING THICKNESS			<b>W</b> WHITE
	<b>F25</b> FLANGED 2.1"-2.5" CEILING THICKNESS			

### REPLACEMENT OPTICS\*

	BEAM SPREAD
<b>353E4LEDCOPT</b>	<b>18</b> 18°
	<b>25</b> 25°
	<b>40</b> 40°
	<b>60</b> 60°

\*FOR USE WITH CITIZEN LED MODULES ONLY

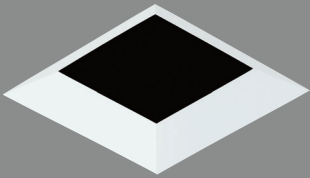
### REPLACEMENT REFLECTORS\*

	BEAM SPREAD
<b>352LEDXREF</b>	<b>21</b> 21°
	<b>43</b> 43°
	<b>60</b> 60°

\*FOR USE WITH XICATO MODULES ONLY.

# 4"

## LED Low-Profile Adjustable Downlight



This specification grade low-profile adjustable LED downlight delivers high performance for ultra-shallow ceiling plenum installations while maintaining a beautiful architectural ceiling appearance. The 4" depth housing utilizes the same trims as the rest of the ELEMENT 4" Series. Ideal for space constrained environments such as elevators and healthcare soffits. Complete adjustability allows for lockable hot-aiming with 0°-40° tilt and 361° rotation, eliminating dead spots.

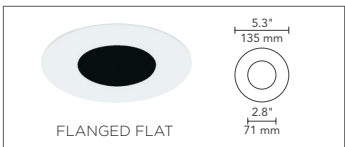
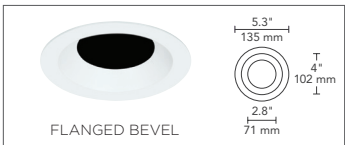
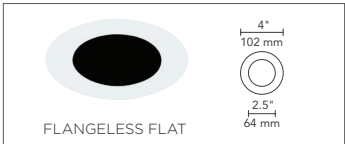
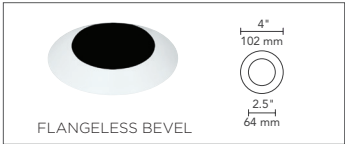
- Tool-Free Aiming/Locking
- 2-Step Standard
- Trim Reflector Options
- Solite™ Soft Focus Lens Option
- Driver/Field Connections Serviceable Through Aperture
- Integral Junction Box Approved for Branch Wiring

### SPECIFICATIONS

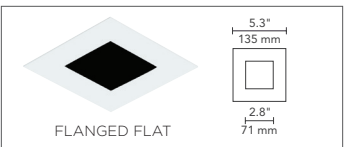
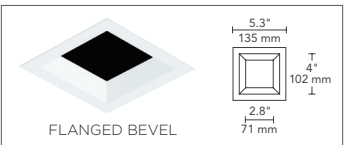
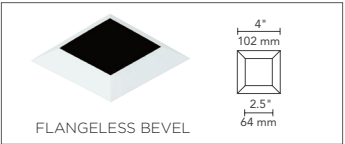
	MAX OUTPUT (AT 3000K)		HIGH OUTPUT (AT 3000K)		LOW OUTPUT (AT 3000K)		WARM DIM HIGH      LOW	
DELIVERED LUMENS	3300	2640	3200	2584	1800	1450	2374	1300
WATTS	31	31	31	31	17	17	31	17
EFFICACY	106	85	101	83	106	85	76	76
CRI	80+	90+	80+	90+	80+	90+	90+	90+
CBCP	10° - 19,414 (low output) 18° - 8192 25° - 6907 40° - 4517 60° - 3209							
CCT OPTIONS	2700K, 3000K, 3500K, or Warm Color Dimming (3000K-1800K)***							
COLOR CONSISTENCY	2-Step							
VOLTAGE	120V or 277V							
DIMMING*	Standard phase dimming (Down to <1%*) 0-10V (Down to 5%)							
POWER SUPPLY	Constant current driver with +.9 power factor and +80% efficiency							
OPTICS	Field Changeable: 10°, 18°, 25°, 40°, 60° TIR							
ADJUSTABILITY	Lockable hot-aiming 0-40° tilt, 361° rotation, 45° collar rotation							
CEILING APPEARANCE	Flanged (Accommodates up to 2.5" ceiling thickness) or Flangeless							
CEILING APERTURE	4-1/2" ceiling cutout							
HOUSING	Non-IC Airtight, Chicago Plenum							
CONSTRUCTION	Housing: Heavy gauge cold rolled steel Trims: Die cast aluminum							
FINISH	Housing: Black powder coat Trims: Antique Bronze, Black, Satin Nickel, White (paintable)							
GENERAL LISTING	ETL listed. Damp listed. Shower version wet listed.							
CALIFORNIA TITLE 24	Registered CEC Appliance Database. Can be used to comply with CEC 2016 Title 24 Part 6 for 90 CRI versions.							
LED LIFETIME	L70; 50,000 hours							
WARRANTY**	5 years							

\*See ELEMENT-lighting.com for dimmer compatibility. Consult Quotes Dept for alternate or custom driver selections.  
 \*\*Visit ELEMENT-lighting.com for specific warranty limitations and details.  
 \*\*\*Warm color collar dimming not available with 10° optics.  
 Data in chart reflect 3000K/80 CRI values unless noted. Output difference between CCTs ~ 5%, CRIs ~ 15%. Accepts two optical controls and an optional trim-mounted lens.

ROUND TRIMS



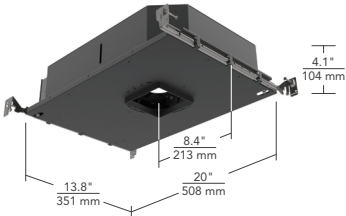
SQUARE TRIMS



FINISH OPTIONS



Available in white (paintable), black, satin nickel and antique bronze.



NON-IC AIRTIGHT/CHICAGO PLENUM

ORDERING GRIDS

HOUSING

PRODUCT SERIES	CEILING APPEARANCE	OUTPUT	CRI/CCT	BEAM SPREAD	FUNCTION	HOUSING RATING	DRIVER	VOLTAGE
<b>E4R</b> ELEMENT 4" ROUND	<b>F</b> FLANGED	<b>-LV</b> MAX OUTPUT, 31W	<b>827</b> 80 CRI, 2700K, 2-STEP	<b>10</b> 10°*	<b>A</b> ADJUSTABLE	<b>S</b> LOW PROFILE NON-IC AIRTIGHT	STANDARD PHASE DIMMING <1%** (LEAVE BLANK)	120 VOLT (LEAVE BLANK)
<b>E4S</b> ELEMENT 4" SQUARE	<b>L</b> FLANGELESS	<b>-LH</b> HIGH OUTPUT, 31W	<b>830</b> 80 CRI, 3000K, 2-STEP	<b>18</b> 18°		<b>CS</b> LOW PROFILE CHICAGO PLENUM		
		<b>-LO</b> LOW OUTPUT, 17W	<b>835</b> 80 CRI, 3500K, 2-STEP	<b>25</b> 25°			<b>-010</b> 0-10V DIMMING	<b>-277</b> 277 VOLT
			<b>927</b> 90 CRI, 2700K, 2-STEP	<b>40</b> 40°				
			<b>930</b> 90 CRI, 3000K, 2-STEP	<b>60</b> 60°				
			<b>935</b> 90 CRI, 3500K, 2-STEP					
			<b>WD</b> 90 CRI, 3000-1800K, WARM DIM, 3-STEP					

TRIMS ARE REQUIRED AND MUST BE ORDERED SEPARATELY.  
\*NOTE: AVAILABLE LOW OUTPUT ONLY. 10° OPTIC HAS A UNIQUE LED MODULE NOT AVAILABLE WITH WARM DIM. CHANGING OPTICS TO 18°, 25°, 40° OR 60°, WILL REQUIRE A NEW LED MODULE.  
\*\*SEE DIMMER COMPATIBILITY CHART.

TRIM

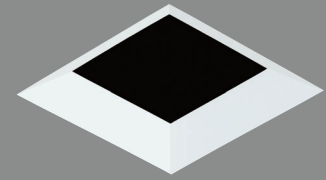
PRODUCT SERIES	CEILING APPEARANCE	STYLE	APERTURE	FINISH
<b>E4R</b> ELEMENT 4" ROUND	<b>L</b> FLANGELESS	<b>B</b> BEVEL	<b>-O</b> NO LENS	<b>Z</b> ANTIQUE BRONZE
<b>E4S</b> ELEMENT 4" SQUARE	<b>F</b> FLANGED UP TO 1" CEILING THICKNESS	<b>F</b> FLAT	<b>-H</b> SHOWER	<b>B</b> BLACK
	<b>F15</b> FLANGED 1.1"-1.5" CEILING THICKNESS		<b>-L</b> LENSED	<b>S</b> SATIN NICKEL
	<b>F20</b> FLANGED 1.6"-2.0" CEILING THICKNESS			<b>W</b> WHITE
	<b>F25</b> FLANGED 2.1"-2.5" CEILING THICKNESS			

REPLACEMENT OPTICS

	BEAM SPREAD
<b>353E4LED</b> COPT	<b>18</b> 18°
	<b>25</b> 25°
	<b>40</b> 40°
	<b>60</b> 60°

# 4"




## LED Fixed Downlight



This specification grade LED downlight offers high performance with an architectural ceiling appearance. This specification grade LED downlight offers a wide selection of LED module options to address design requirements in the spaces it illuminates.

- Patented High/Low Lamp Positioning
- 2-Step Standard
- Trim Reflector Options
- Solite™ Soft Focus Lens Option
- Lutron/eldoLED Driver Options
- Driver/Field Connections Serviceable Through Aperture
- Integral Junction Box Approved for Branch Wiring

### SPECIFICATIONS

							
	CITIZEN			CITIZEN WARM DIM		XICATO	
	MAX OUTPUT	HIGH OUTPUT	LOW OUTPUT	HIGH OUTPUT	LOW OUTPUT	STANDARD SERIES	ARTIST SERIES
DELIVERED LUMENS	3300 / 2640	3200 / 2584	1800 / 1450	2374	1300	2195	1927
WATTS	31	31	17	31	17	24	25
EFFICACY	106 / 85	101 / 83	106 / 85	76	76	91	77
CRI	80+ / 90+	80+ / 90+	80+ / 90+	90+		80+	95+
CBCP	10° - 19,414 (low output) 18° - 8192 25° - 6907 40° - 4517 60° - 3209			18° - N/A 25° - N/A 40° - 2381		21° - 5346 43° - 4386 60° - 1690	
CCT OPTIONS	2700K, 3000K or 3500K			3000K-1800K Warm Dim		2700K, 3000K or 3500K***	
COLOR CONSISTENCY	2-Step						
VOLTAGE	120V or 277V						
DIMMING*	Standard phase dimming (Down to <1%*) 0-10V (Down to 5%) Lutron Hi-Lume Ecosystem Fade-To-Black (Down to 0.1%) Lutron Hi-Lume 2-wire (Down to 1%) eldoLED 0-10V or Dali (Down to 0.1%)						
POWER SUPPLY	Constant current driver with +.9 power factor and +80% efficiency						
OPTICS	Field Changeable: 10°, 18°, 25°, 40°, 60° TIR					Field Changeable: 21°, 43°, 60° Reflector	
ADJUSTABILITY	High-low lamp positioning, 45° collar rotation						
CEILING APPEARANCE	Flanged (Accommodates up to 2.5" ceiling thickness) or Flangeless						
CEILING APERTURE	4-1/2" ceiling cut-out						
HOUSING	IC Airtight, Non-IC Airtight, Chicago Plenum. IC suitable for insulation rating up to R60						
CONSTRUCTION	Housing: Heavy gauge cold rolled steel Trims: Die cast aluminum						
FINISH	Housing: Black Powder Coat Trims: Antique Bronze, Black, Satin Nickel, White (paintable)						
GENERAL LISTING	ETL listed. Damp listed. Shower version wet listed.						
CALIFORNIA TITLE 24	Registered CEC Appliance Database. Can be used to comply with CEC 2016 Title 24 Part 6 for 90 CRI versions.						
LED LIFETIME	L70; 50,000 hours						
WARRANTY**	5 years						

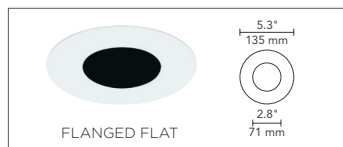
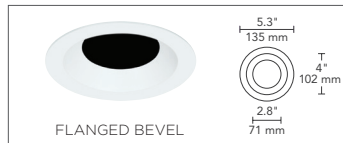
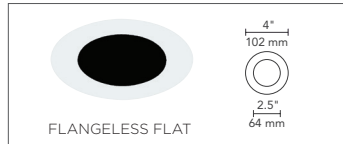
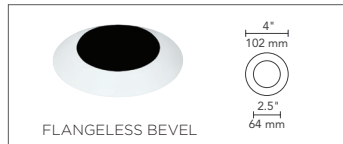
\*See ELEMENT-lighting.com for dimmer compatibility.

\*\*Visit ELEMENT-lighting.com for specific warranty limitations and details.

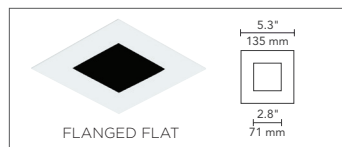
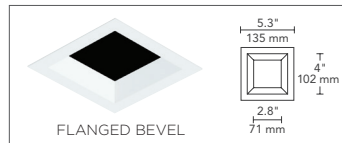
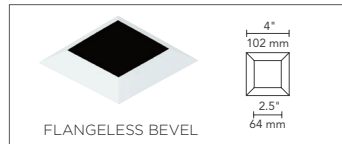
\*\*\*3500K Xicato module not available for Artist series.

Data in chart reflect 3000K/80 CRI values unless noted. Output difference between CCTs ~ 5%, CRIs ~ 15%. Consult Quotes Dept for alternate or custom driver selections. Accepts two optical controls and an optional trim-mounted lens.

## ROUND TRIMS



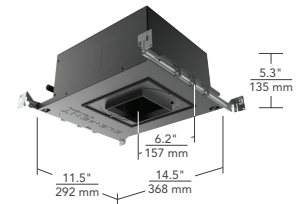
## SQUARE TRIMS



## FINISH OPTIONS



Available in white (paintable), black, satin nickel and antique bronze.



IC/NON-IC AIRTIGHT

## ORDERING GRIDS

## HOUSING

PRODUCT SERIES	CEILING APPEARANCE	OUTPUT	CRI/CCT	BEAM SPREAD	FUNCTION	HOUSING RATING	DRIVER	VOLTAGE
<b>E4R</b> ELEMENT 4" ROUND	<b>L</b> FLANGELESS	<b>-LV</b> MAX OUTPUT, 31W	<b>827</b> 80 CRI, 2700K, 2-STEP	<b>10</b> 10°	<b>D</b> DOWNLIGHT	<b>I</b> IC AIRTIGHT	STANDARD PHASE DIMMING <1%** (LEAVE BLANK)	120 VOLT (LEAVE BLANK)
	<b>F</b> FLANGED	<b>-LH</b> HIGH OUTPUT, 31W	<b>830</b> 80 CRI, 3000K, 2-STEP	<b>18</b> 15°		<b>N</b> NON-IC AIRTIGHT		<b>-277</b> 277 VOLT
<b>E4S</b> ELEMENT 4" SQUARE		<b>-LO</b> LOW OUTPUT, 17W	<b>835</b> 80 CRI, 3500K, 2-STEP	<b>25</b> 25°			<b>-010</b> 0-10V DIMMING	
			<b>927</b> 90 CRI, 2700K 2-STEP	<b>40</b> 40°			<b>-ELD0</b> ELDOLED 0.1% 0-10V LINEAR	
			<b>930</b> 90 CRI, 3000K, 2-STEP	<b>60</b> 60°			<b>-ELD0A</b> ELDOLED 0.1% 0-10V LOGARITHMIC	
			<b>935</b> 90 CRI, 3500K, 2-STEP				<b>-ELD1</b> ELDOLED 1% 0-10V LINEAR	
			<b>WD</b> 90 CRI, 3000-1800K, WARM DIM, 3-STEP				<b>-ELD1A</b> ELDOLED 1% 0-10V LOGARITHMIC	
		<b>-X</b> XICATO, HIGH OUTPUT, 25W	<b>I27</b> 80 CRI, 2700K, 1X2-STEP, XICATO	<b>21</b> 21° XICATO			<b>-ELDD</b> ELDOLED 0.1% DALI	
			<b>I30</b> 80 CRI, 3000K, 1X2-STEP, XICATO	<b>43</b> 43° XICATO			<b>-HL2W</b> LUTRON HI-LUME 1% 2 WIRE*†	
			<b>I35</b> 80 CRI, 3500K, 1X2-STEP, XICATO	<b>60</b> 60° XICATO			<b>-HLECO</b> LUTRON HI-LUME 0.1% ECO-SYSTEM FADE-TO-BLACK	
			<b>A27</b> 95 CRI, 2700K, 1X2-STEP, XICATO ARTIST					
			<b>A30</b> 95 CRI, 3000K, 1X2-STEP, XICATO ARTIST					

TRIMS ARE REQUIRED AND MUST BE ORDERED SEPARATELY.

\*MAX & HIGH OUTPUT HI-LUME 2-WIRE NOT AVAILABLE IN IC AIRTIGHT HOUSING.

\*\*SEE DIMMING COMPATIBILITY CHART.

†NOTE: AVAILABLE LOW OUTPUT ONLY. 10° OPTIC HAS A UNIQUE LED MODULE NOT AVAILABLE WITH WARM DIM. CHANGING OPTICS TO 18°, 25°, 40° OR 60°, WILL REQUIRE A NEW LED MODULE.

‡HL2W - TWO WIRE LOW-VOLTAGE ELECTRONIC DIMMING, 120 VOLT ONLY.

## TRIM

PRODUCT SERIES	CEILING APPEARANCE	STYLE	APERTURE	FINISH
<b>E4R</b> ELEMENT 4" ROUND	<b>L</b> FLANGELESS	<b>B</b> BEVEL	<b>-O</b> NO LENS	<b>Z</b> ANTIQUE BRONZE
	<b>F</b> FLANGED UP TO 1" CEILING THICKNESS	<b>F</b> FLAT	<b>-H</b> SHOWER	<b>B</b> BLACK
<b>E4S</b> ELEMENT 4" SQUARE	<b>F15</b> FLANGED 1.1"-1.5" CEILING THICKNESS		<b>-L</b> LENSED	<b>S</b> SATIN NICKEL
	<b>F20</b> FLANGED 1.6"-2.0" CEILING THICKNESS			<b>W</b> WHITE
	<b>F25</b> FLANGED 2.1"-2.5" CEILING THICKNESS			

## REPLACEMENT OPTICS\*

	BEAM SPREAD
<b>353E4LEDCHOPT</b>	<b>18</b> 18°
	<b>25</b> 25°
	<b>40</b> 40°
	<b>60</b> 60°

\*FOR USE WITH CITIZEN LED MODULES ONLY

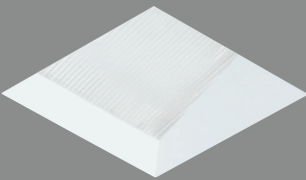
## REPLACEMENT REFLECTORS\*

	BEAM SPREAD
<b>352LEDXREF</b>	<b>21</b> 21°
	<b>43</b> 43°
	<b>60</b> 60°

\*FOR USE WITH XICATO MODULES ONLY.

# 4"

LED  
Wall Wash



This specification grade LED wall wash fixture combines high performance with an architectural ceiling appearance. Trims are angled and include Luminit™ optical film which creates evenly dispersed horizontal and vertical illumination. Each of the five optional LED modules come factory positioned for optimal light performance and distribution.

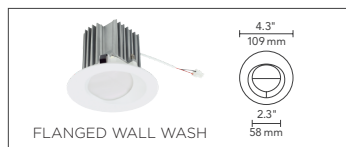
- Luminit Turning Film, Two Directions
- Even Vertical Illumination of Wall
- Even Horizontal Illumination of Wall
- High Wall Wash Efficacy
- Distance to 1 FC: 1-inch from Ceiling
- Driver/Field Connections Serviceable Through Aperture
- Integral Junction Box Approved for Branch Wiring

### SPECIFICATIONS

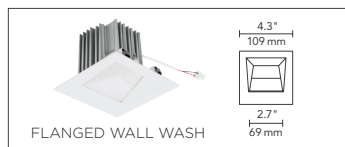
	MAX OUTPUT (AT 3000K)		HIGH OUTPUT (AT 3000K)		LOW OUTPUT (AT 3000K)		WARM DIM HIGH      LOW	
DELIVERED LUMENS	2600	2085	2494	2041	1600	1319	1875	1000
WATTS	31	31	31	31	17	17	31	17
EFFICACY	84	67	80	66	84	77	60	59
CRI	80+	90+	80+	90+	80+	90+	90+	
CCT OPTIONS	2700K, 3000K or 3500K						3000K-1800K Warm Dim	
COLOR CONSISTENCY	2-Step							
VOLTAGE	120V or 277V							
DIMMING*	Standard phase dimming (Down to <1%*) 0-10V (Down to 5%) Lutron Hi-Lume Ecosystem Fade-To-Black (Down to 0.1%) Lutron Hi-Lume 2-wire (Down to 1%) eldoLED 0-10V or Dali (Down to 0.1%)							
POWER SUPPLY	Constant current driver with +.9 power factor and +80% efficiency							
OPTICS	Luminit Turning Film, 2 directions							
ADJUSTABILITY	361° rotation, 45° collar rotation							
CEILING APPEARANCE	Flanged (Accommodates up to 1" ceiling thickness) or Flangeless							
CEILING APERTURE	4-1/2" ceiling cut-out							
HOUSING	IC Airtight, Non-IC Airtight, Chicago Plenum, IC suitable for insulation rating up to R60							
CONSTRUCTION	Housing: Heavy gauge cold rolled steel Trims: Die cast aluminum							
FINISH	Housing: Black Powder Coat Trims: Antique Bronze, Black, Satin Nickel, White (paintable)							
GENERAL LISTING	ETL listed. Damp listed.							
CALIFORNIA TITLE 24	Registered CEC Appliance Database. Can be used to comply with CEC 2016 Title 24 Part 6 for 90 CRI versions.							
LED LIFETIME	L70; 50,000 hours							
WARRANTY**	5 years							

\*See ELEMENT-lighting.com for dimmer compatibility.  
 \*\*Visit ELEMENT-lighting.com for specific warranty limitations and details.  
 \*\*\*3500K Xicato module not available for Artist series.  
 Data in chart reflect 3000K/80 CRI values unless noted. Output difference between CCTs ~ 5%, CRIs ~ 15%.  
 Consult Quotes Dept for alternate or custom driver selections. Accepts two optical controls and an optional trim-mounted lens.

## ROUND TRIMS



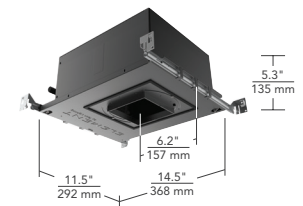
## SQUARE TRIMS



## FINISH OPTIONS



Available in white (paintable), black, satin nickel and antique bronze.



## ORDERING GRIDS

### HOUSING

PRODUCT SERIES	CEILING APPEARANCE	FUNCTION	OUTPUT	HOUSING RATING	DRIVER	VOLTAGE
<b>E4R</b> ELEMENT 4" ROUND	<b>L</b> FLANGELESS	<b>W</b> WALL WASH	<b>-LH</b> HIGH OUTPUT, 31W	<b>I</b> IC AIRTIGHT	STANDARD PHASE DIMMING<1%** (LEAVE BLANK)	120 VOLT (LEAVE BLANK)
	<b>F</b> FLANGED		<b>-LO</b> LOW OUTPUT, 17W	<b>N</b> NON-IC AIRTIGHT	<b>-010</b> 0-10V DIMMING	<b>-277</b> 277 VOLT
<b>E4S</b> ELEMENT 4" SQUARE				<b>C</b> CHICAGO PLENUM	<b>-ELD0</b> ELDOLED 0.1% 0-10V LINEAR	
					<b>-ELD0A</b> ELDOLED 0.1% 0-10V LOGARITHMIC	
					<b>-ELD1</b> ELDOLED 1% 0-10V LINEAR	
					<b>-ELD1A</b> ELDOLED 1% 0-10V LOGARITHMIC	
					<b>-ELDD</b> ELDOLED 0.1% DALI	
					<b>-HL2W</b> LUTRON HI-LUME 1% 2 WIRE*	
					<b>-HLECO</b> LUTRON HI-LUME 0.1% ECO-SYSTEM FADE-TO-BLACK	

TRIMS ARE REQUIRED AND MUST BE ORDERED SEPARATELY.

\*HL2W - TWO WIRE LOW-VOLTAGE ELECTRONIC DIMMING, 120 VOLT ONLY. NOT AVAILABLE IN HIGH OUTPUT IC AIRTIGHT HOUSING.

\*\*SEE DIMMER COMPATIBILITY CHART.

### TRIM

PRODUCT SERIES	CEILING APPEARANCE	FUNCTION	LAMP	FINISH
<b>E4R</b> ELEMENT 4" ROUND	<b>L</b> FLANGELESS	<b>W</b> WALL WASH	<b>-827</b> 80 CRI, 2700K, 2-STEP	<b>-Z</b> ANTIQUE BRONZE
<b>E4S</b> ELEMENT 4" SQUARE	<b>F</b> FLANGED UP TO 1"		<b>-830</b> 80 CRI, 3000K, 2-STEP	<b>-B</b> BLACK
			<b>-835</b> 80 CRI, 3500K, 2-STEP	<b>-S</b> SATIN NICKEL
			<b>-927</b> 90 CRI, 2700K, 2-STEP	<b>-W</b> WHITE
			<b>-930</b> 90 CRI, 3000K, 2-STEP	
			<b>-935</b> 90 CRI, 3500K, 2-STEP	
			<b>-WD</b> 90 CRI, 3000-1800K, WARM DIM, 3-STEP	



Ceiling: 6" LED Adjustable Retrofit Downlights  
Island: Gia Linear Suspension

# 6"



## ELEMENT DOWNLIGHT RETROFIT

The 6" Adjustable Retrofit offers a fully engineered solution to upgrade standard 6" recessed can downlights with the latest LED technology and efficiency, as well as patented 0-35° tilt/360° rotation hot-aiming and tool-free locking system.

## LED

Adjustable Retrofit



Ceiling: 6" LED Adjustable Retrofit Downlights  
Island: Brummel Pendants



# 6"

## Retrofit Adjustable



The ELEMENT 6" LED Adjustable Retrofit offers a fully engineered solution to upgrade standard 6" recessed downlights with the latest LED technology and efficiency. This dimmable 6" adjustable retrofit offers easy user installation and features a patented dome assembly with 0-35° tilt, 360° rotation hot-aiming with tool-free locking systems, perfect for task and accent applications. Offered with a standard 40° beam spread, as well as output and color options at 90 CRI, the ELEMENT 6" LED Retrofit features a closed dome design for a clean aesthetic.

- 0-35° Tilt/360° Rotation Hot-Aiming and Tool-Free Locking Systems
- Led Upgrade Retrofits To Most Standard 6" Aperture Recessed Can Fixtures
- Universal Mounting Springs and Optional Butterfly Brackets Included
- Incandescent Socket Attachment and IDL Connector Available
- Ships With Optional Eggcrate Louver to Reduce Glare
- Jumper Connector Allows Element 6" Retrofit to Attach to a Recessed Housing that Ships with an Ideal Powerplug® Model #30-68 Male Connector

## SPECIFICATIONS

	HIGH OUTPUT (AT 3000K)	LOW OUTPUT (AT 3000K)
DELIVERED LUMENS	1000	800
WATTS	14.5	10
EFFICACY	69	80
CRI	90	90
CBCP (40°)	2096	1682
CCT OPTIONS	2700K, 3000K	
COLOR CONSISTENCY	3-Step	
VOLTAGE	120V	
DIMMING*	ELV (recommended) or TRIAC (Smooth dimming to 3%-15% depending on dimmer)	
OPTICS	40°	
ADJUSTABILITY	Patent pending 0-35° tilt and 360° rotation, hot aiming with tool-free locking	
CEILING APPEARANCE	Retrofit	
HOUSING**	IC (Low Output only), Non-IC	
POWER SUPPLY	Constant Current: driver with +.9 power factor and +80% efficiency	
GENERAL LISTING	ETL listed. Damp listed.	
CALIFORNIA TITLE 24	Registered CEC Appliance Database. Can be used to comply with CEC 2016 Title 24 Part 6.	
CONSTRUCTION	Heavy gauge cold rolled steel	
FINISH	White powder coat	
LED LIFETIME	L70; 50,000 hours	
WARRANTY***	5 years	

\*See ELEMENT-lighting.com for dimmer compatibility. Consult Quotes Dept for alternate or custom driver selections.

\*\*See ELEMENT-lighting.com for 6" housing compatibility.

\*\*\*Visit ELEMENT-lighting.com for specific warranty limitations and details.

Available optical controls can be ordered separately.

Data in chart reflect 3000K/80 CRI values unless noted. Output difference between CCTs ~ 5%, CRIs ~ 15%.

Jumper connector allows ELEMENT 6" Retrofit to attach to a recessed housing that ships with an Ideal PowerPlug® Model #30-68 male connector.

-IDL suffix in the ordering grid includes the jumper and the incandescent socket adapter.

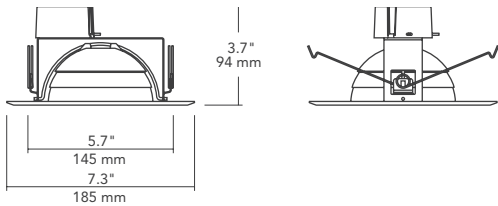


ONE-PIECE FLANGE AND SPOT MODULE

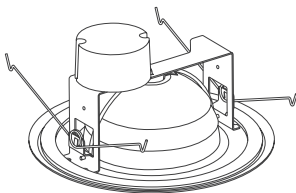


SHOWN WITH INCANDESCENT SOCKET ATTACHMENT.  
ALSO AVAILABLE WITH IDEAL (IDL) CONNECTOR ONLY.

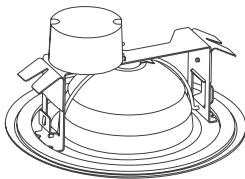
HOUSING DIMENSIONS



MOUNTING OPTIONS

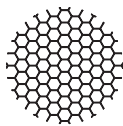


Wireform mounting springs



Butterfly mounting brackets

INCLUDED ACCESSORY



Hexcell louver light  
Filtering optic

ORDERING GRIDS

HOUSING

PRODUCT SERIES	LAMP	CRI	COLOR TEMPERATURE	FINISH (DOME INTERIOR / FLANGE)	OPTIONAL CONNECTOR
ER6A ELEMENT 6" ADJUSTABLE RETROFIT	-LH LED HIGH OUTPUT	9 90 CRI	27 2700K	WW WHITE / WHITE	-IDL
	-LO LED LOW OUTPUT		30 3000K		

LENSES / LOUVERS

	TYPE	FINISH
MOC	GG PLAIN GLASS	-W WHITE
	SF SOFT FOCUS	
	LL LINEAR SPREAD	
	EC EGGCATE LOUVER	
	LS1 1" LONG SNOOT	
	LS12 1/2" LONG SNOOT	

REPLACEMENT OPTICS

	BEAM SPREAD
353LEDGATOPT	20 20°
	30 30°
	40 40°
	60 60°

# ELEMENT MULTIPLES

Redefine the look of a space with ELEMENT LED Multiples that “group” downlights into efficient and meticulously designed fixtures without visible hardware and minimized ceiling placement. ELEMENT LED Multiples present a beautiful and uniquely smooth appearance with high light output and patented tool-free aiming (35° tilt/360° rotation).



Table: 1x4 Multiples (open/flangeless/black) | Painting: 1x2 Multiples (open/flangeless/black) | Hallway: 1x1 Multiples (open/flangeless/black)



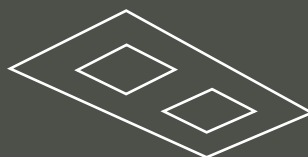
Features

P. 100



Open

P. 104



Trimmed

P. 106



Left: 1x3 Multiples (Open/Flangeless/Black) | Center: MERGE Recessed Linear Channels (Flangeless)

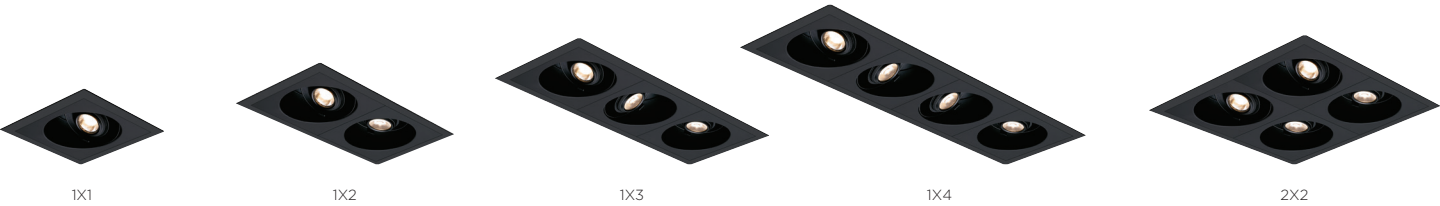


Front: 2x2 Multiples (Housing: trimmed/black) and (Trim: square/flangeless/white) | Back: MERGE Recessed Linear Channel (flangeless) featuring MERGE Drop-down Spot Heads, FreeJack Connector and MERGE Recessed 90° "L" Turn Connector (flangeless)

# REDEFINING MULTIPLES

## CREATIVE SOLUTIONS TO AESTHETIC CHALLENGES

ELEMENT LED Multiples are simultaneously redefining and elevating the recessed multiples category with meticulous design and engineering. While other multiples can be bulky with visible hardware and electrical components, ELEMENT LED Multiples light modules present an incredibly beautiful and uncommonly smooth appearance. Smart design yields a surface completely free of fasteners for a sleek look, even without trims.

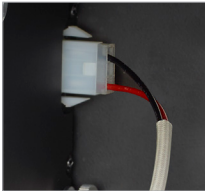


### MULTIPLES ADJUSTABLE SPOT MODULE

Innovative adjustable mechanism allows full 35° tilt and 360° rotation at an infinite number of intervals in-between. Center beam candle power is maintained through the full 35° tilt range to maximize output.



Quick connectors and thumb screws provide ease of servicing after installation



Quick Connector

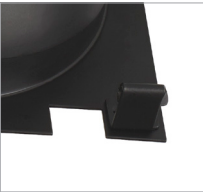


Thumb Screws



Trimmed

Mounting tabs for secure, tight installation



Mounting Tab  
Trimmed



Mounting Tab  
Open

Patented, easy to use, tool-free adjustment mechanism requires only your hand to release, aim and lock in place



Easy Adjust



Lock Tab



## TRIMMED OPTION

ELEMENT Trimmed Adjustable Spot Modules snap firmly into place within the Multiples housing. Trimmed Spot Modules are notched to accept flanged or flangeless trims for a snug, seamless fit. Trims are available round or square in black, satin nickel or white finishes.

Light modules are installed individually into the Multiples housings. Housing adjusts vertically after mounting to joints and ceiling installation to ensure modules and trims are properly flush.



## OPEN OPTION

Open Adjustable Spot, General Illumination, or Wall Wash light modules snap firmly into place without any visible fasteners, with a clean look that does not reveal any of the housing's internal structure. Mud plates or flanged trimmed is attached to the housing for a seamless ceiling appearance.



USE WITH:



Open Adjustable



General Illumination



Wall Wash

Open design allows a choice of light modules:  
Adjustable Spot, General Illumination or Wall Wash

Open flangeless mud-in installation



## OPEN FLANGELESS

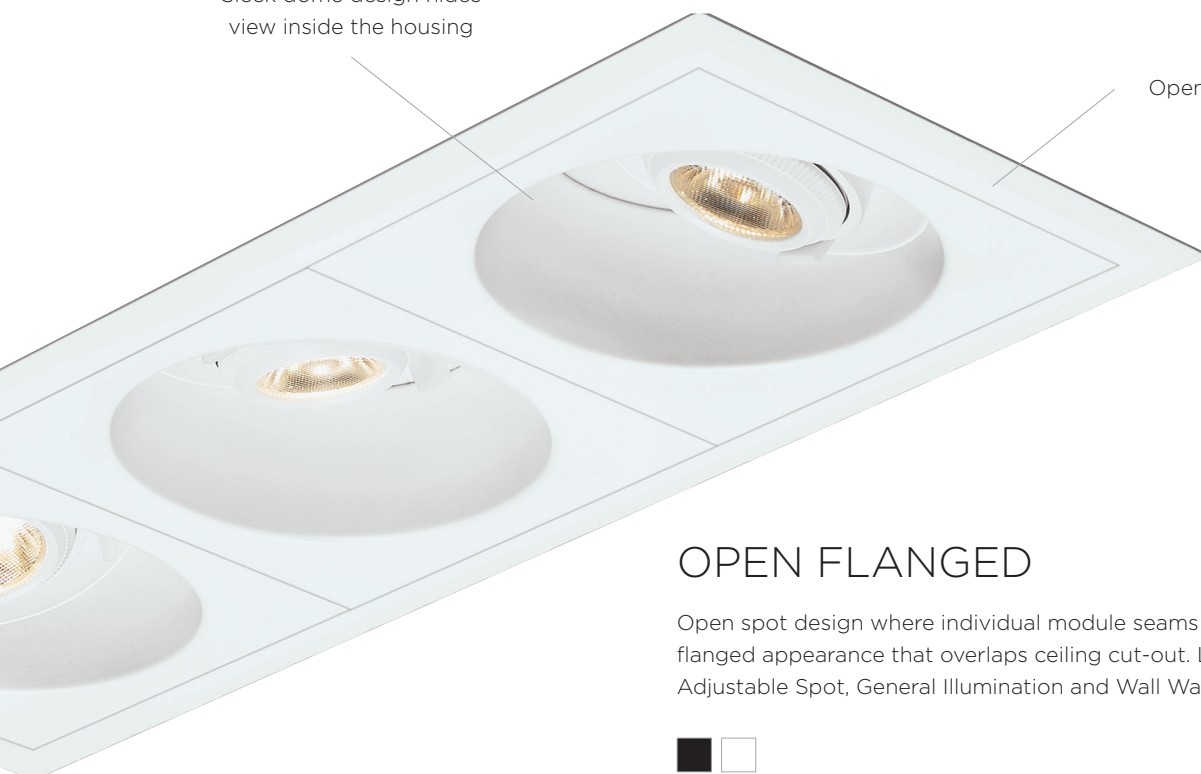
Multiples Open Flangeless design offers three interchangeable LED light module options: General Illumination, Wall Wash and Adjustable Spot module. Light modules are sold separately and can be mixed and matched to allow the ultimate in flexibility and customization options.



Available in black and white

Sleek dome design hides  
view inside the housing

Open design with .625" flange

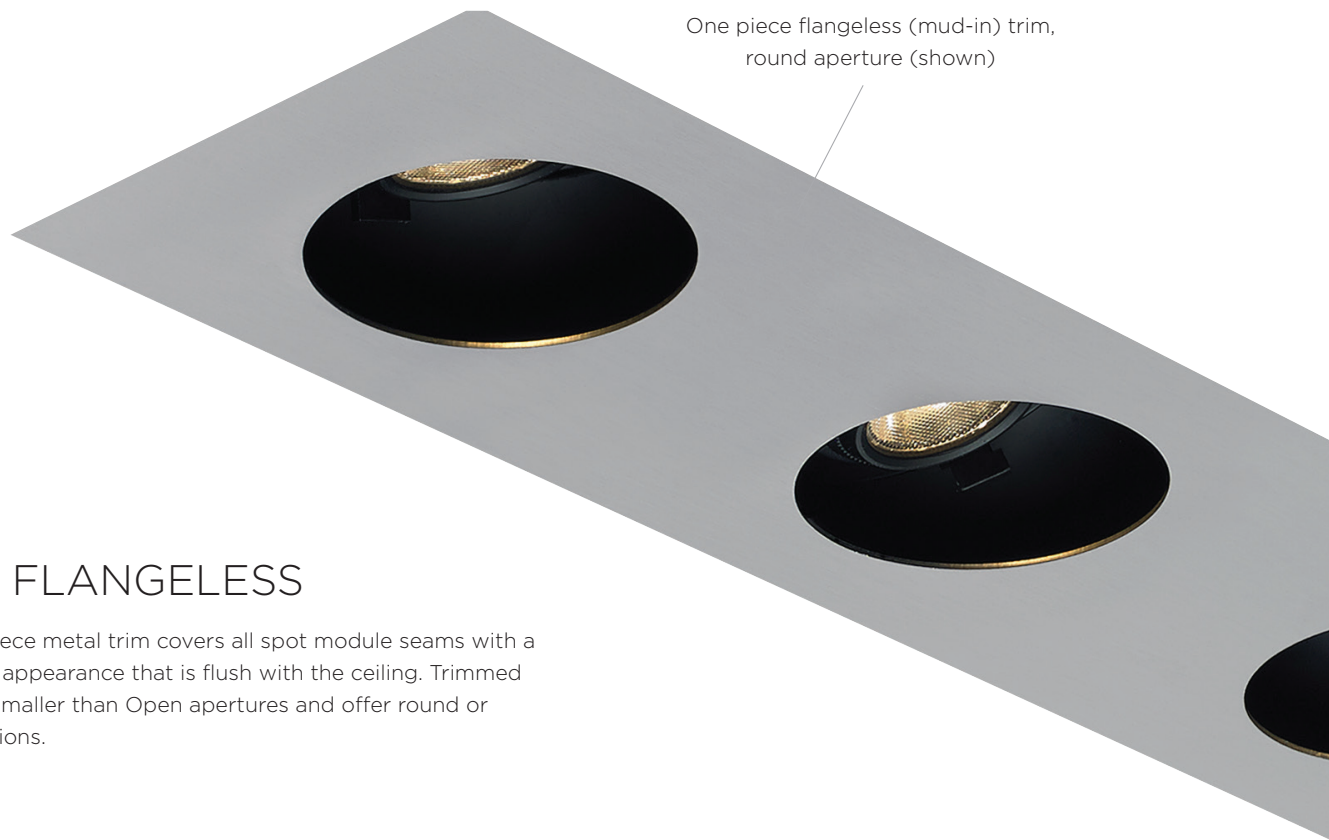


## OPEN FLANGED

Open spot design where individual module seams are visible with a finished, flanged appearance that overlaps ceiling cut-out. Light module options include: Adjustable Spot, General Illumination and Wall Wash.



Available in black and white



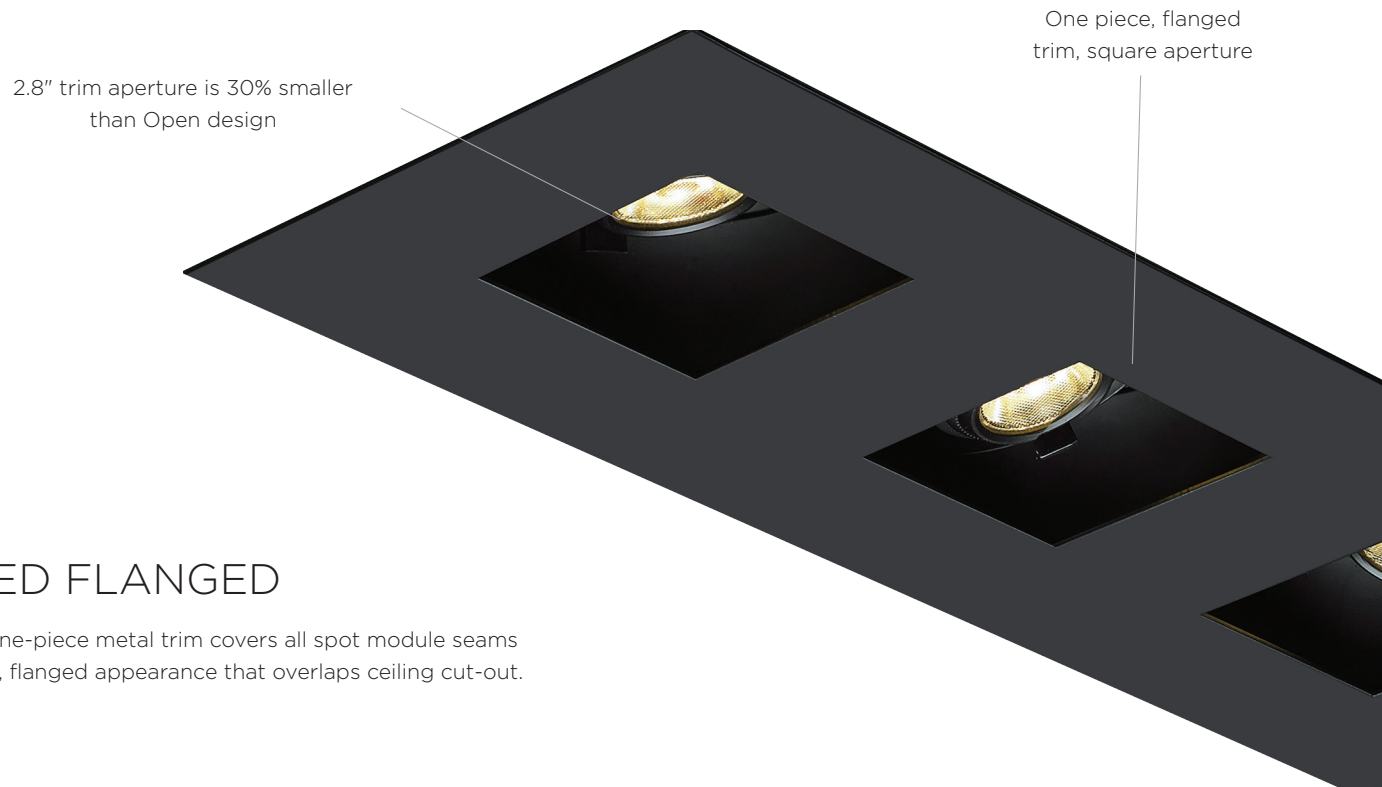
One piece flangeless (mud-in) trim,  
round aperture (shown)

## TRIMMED FLANGELESS

A handsome one-piece metal trim covers all spot module seams with a flangeless (mud-in) appearance that is flush with the ceiling. Trimmed apertures are 30% smaller than Open apertures and offer round or square opening options.



Available in black, satin nickel and white



One piece, flanged  
trim, square aperture

2.8" trim aperture is 30% smaller  
than Open design

## TRIMMED FLANGED

A handsome one-piece metal trim covers all spot module seams with a finished, flanged appearance that overlaps ceiling cut-out.



Available in black, satin nickel and white

# MULTIPLES

Open



ELEMENT Multiples feature a patented LED spot dome module enabling remarkable tool-free adjustment and locking while maintaining center beam through the aperture at all tilt and rotation angles. Multiples Open design also offers general illumination and wall wash light module options. Its thoughtful design boasts an attractive, even sleek look below the ceiling. Flangeless housings include extruded and precision welded aluminum plaster plates. Flanged housings include a color matched cold-rolled steel ceiling flange. Available in 1x1, 1x2, 1x3, 1x4, and 2x2 configurations.

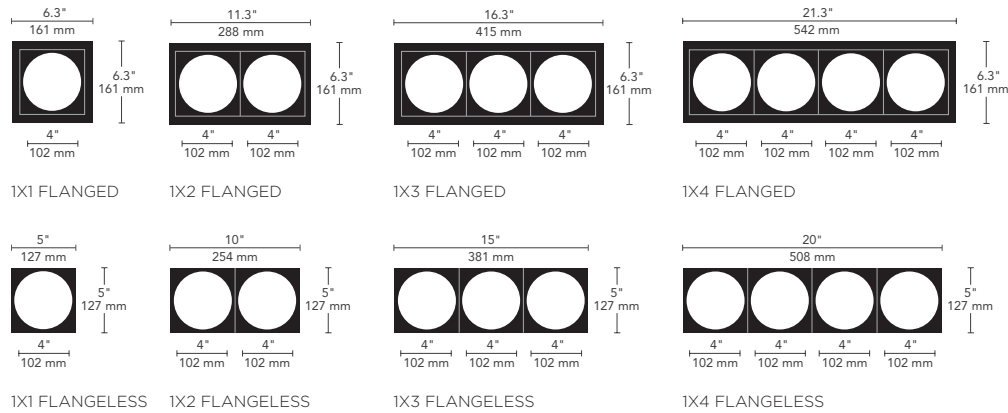
- Patented Adjustable Spot Module Allows Tool-Free Aiming/Locking
- 0-35° Tilt
- 360° Rotation
- 2-Step Standard
- Accepts 2 Lens Accessories
- Driver/Field Connections Serviceable Through Aperture
- Integral Junction Box Approved for Branch Wiring

## SPECIFICATIONS

ADJUSTABLE SPOT†		HIGH OUTPUT (17W) PER MODULE		LOW OUTPUT (12W) PER MODULE	
LUMENS (40°)		1600 (80CRI/3000K)		1256 (80CRI/3000K)	
OPTICS		FIELD CHANGEABLE: 20°, 30°, 40°, 60°			
ADJUSTABILITY		35° TILT AND 360° ROTATION WITH TOOL-FREE LOCKING			
CBCP		20° - 4973			
		30° - 3296			
		40° - 3396			
		60° - 1700			
GENERAL ILLUMINATION					
LUMENS		1346		1015	
DISTRIBUTION		Lambertian			
WALL WASH					
LUMENS		1315		989	
DISTRIBUTION		Asymmetric			
FEATURES					
CRI	80+ or 90+				
CCT OPTIONS	2700K, 3000K or 3500K				
COLOR CONSISTENCY	2-Step				
VOLTAGE	120V or 277V				
DIMMING*	Standard phase dimming (Down to <1%)* 0-10V (Down to 5%)				
CEILING APPEARANCE	Flanged or Flangeless (Accommodates up to 2" ceiling thickness)				
CEILING APERTURE	5" x 5" ceiling cut-out per module				
HOUSING	IC Airtight (Low Output Only), Non-IC Airtight, Chicago Plenum. IC suitable for insulation rating up to R60.				
SIZE	2x2				
POWER SUPPLY	Constant Current driver with +.9 power factor and +80% efficiency				
GENERAL LISTING	ETL listed. Damp listed.				
CALIFORNIA TITLE 24	Registered CEC Appliance Database. Can be used to comply with CEC 2016 Title 24 Part 6 for 90 CRI versions.				
CONSTRUCTION	Heavy gauge cold rolled steel				
FINISH	Black or White powder coat				
LED LIFETIME	L70; 50,000 hours				
WARRANTY**	5 years				

\*See ELEMENT-lighting.com for dimmer compatibility.  
\*\*Visit ELEMENT-lighting.com for specific warranty limitations and details.  
†Adjustable spot accepts up to two optical lenses.  
Trims, Light Modules, and Housings sold separately.

## CEILING APPEARANCE

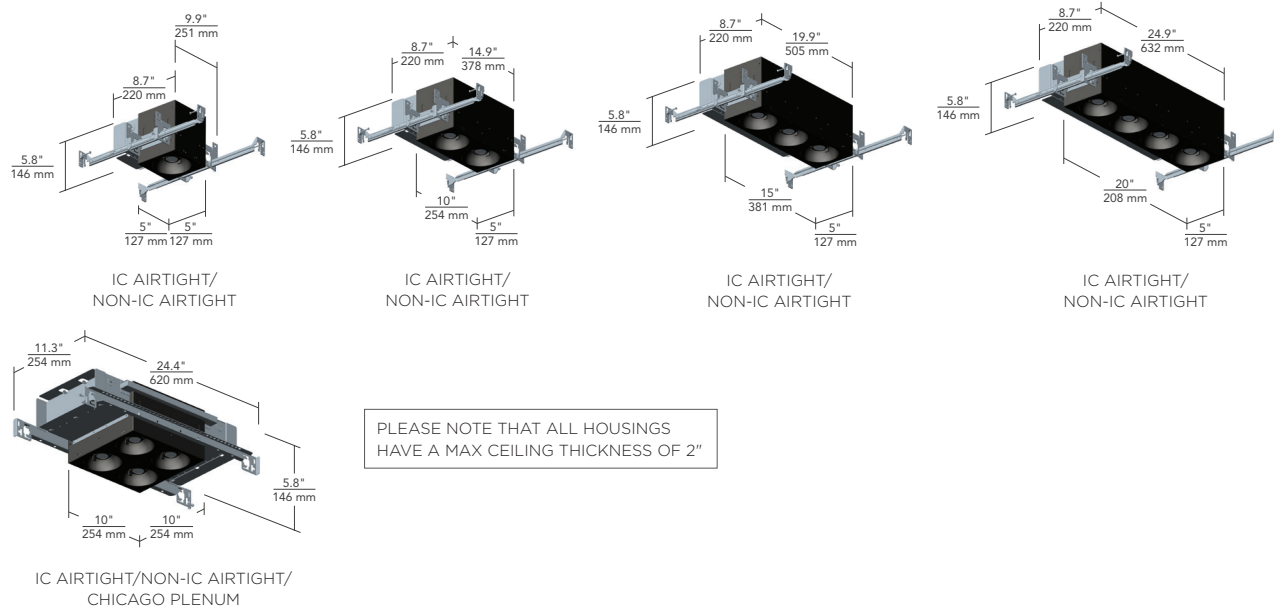


## FINISH OPTIONS



Available in white (paintable) and black.

## DIMENSIONS



## ORDERING GRIDS

## HOUSING

ELEMENT MULTIPLES	SIZE	CEILING APPEARANCE	OUTPUT	HOUSING TYPE	VOLTAGE	DIMMING/DRIVER	FINISH
EMOH OPEN	11 1X1	L FLANGELESS	LH HIGH OUTPUT	I IC AIRTIGHT*	120 120 VOLT	ELV LOW-VOLTAGE ELECTRONIC	B BLACK
	12 1X2	F FLANGED	LO LOW OUTPUT	N NON-IC AIRTIGHT	277 277 VOLT	010 0-10 VOLT	W WHITE
	13 1X3			C CHICAGO PLENUM (NON-IC)			
	14 1X4						
	22 2X2						

MUST ORDER LIGHT MODULES (SOLD SEPARATELY).

\*LOW-OUTPUT ONLY

## LIGHT MODULES

MODULES	CRI	CCT	FUNCTION	FINISH
EMO OPEN APERTURE	8 80CRI	27 2700K	A20 ADJUSTABLE - 20° OPTIC	B BLACK
	9 90CRI	30 3000K	A30 ADJUSTABLE - 30° OPTIC	W WHITE
		35 3500K	A40 ADJUSTABLE - 40° OPTIC	
			A60 ADJUSTABLE - 60° OPTIC	
			WW WALL WASH	
			GI GENERAL ILLUMINATION	

## REPLACEMENT OPTICS

353LEDGATOPT	BEAM SPREAD
20	20°
30	30°
40	40°
60	60°

## LENSES/LOUVERS

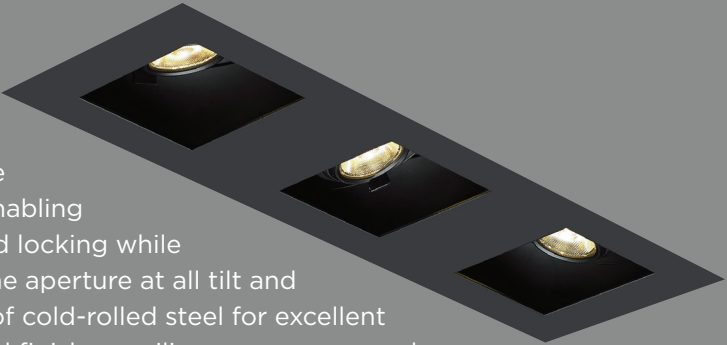
MOC	TYPE	FINISH
GG	PLAIN GLASS	-B BLACK
SF	SOFT FOCUS	-W WHITE
LL	LINEAR SPREAD	
EC	EGGCRATE LOUVER	
LS1	1" LONG SNOOT	
LS12	1/2" LONG SNOOT	

## ORDERING NOTE

ORDER HOUSINGS AND MODULES SEPARATELY. MUST ORDER CORRESPONDING NUMBER OF MODULES BASED ON HOUSING SIZE (E.G. 3 MODULES FOR A 1X3 HOUSING, 4 MODULES FOR A 2X2 HOUSING).

# MULTIPLES

## Trimmed



ELEMENT Multiples feature a unique patented LED spot dome module enabling remarkable tool-free adjustment and locking while maintaining center beam through the aperture at all tilt and rotation angles. All trims are made of cold-rolled steel for excellent durability and are available in several finishes, ceiling appearance and aperture configurations to accommodate virtually any aesthetic. Flangeless housings include extruded and precision welded aluminum plaster plates. Available in 1x1, 1x2, 1x3, 1x4 and 2x2 configurations.

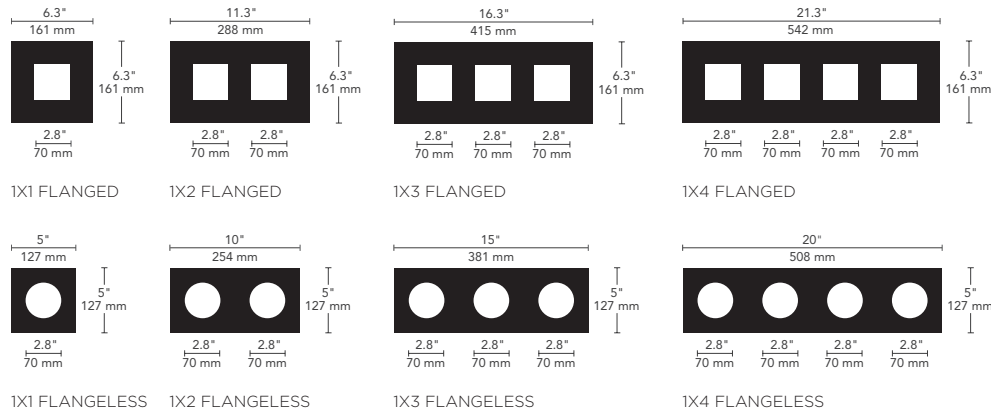
- Patented Adjustable Spot Module Allows Tool-Free Aiming/Locking
- 0-35° Tilt
- 360° Rotation
- 2-Step Standard
- Accepts 2 Lens Accessories
- Driver/Field Connections Serviceable Through Aperture
- Integral Junction Box Approved for Branch Wiring

## SPECIFICATIONS

	HIGH OUTPUT (80CRI/3000K)	LOW OUTPUT (80CRI/3000K)
LUMENS (40°)	1600	1256
WATTS	17 per module	12 per module
EFFICACY	94 l/w	104 l/w
CRI	80+ or 90+	
CCT OPTIONS	2700K, 3000K or 3500K	
COLOR CONSISTENCY	2-Step	
CBCP	20° - 4973 30° - 3296 40° - 3396 60° - 1700	
VOLTAGE	120V or 277V	
DIMMING*	Standard phase dimming (Down to <1%)* 0-10V (Down to 5%)	
OPTICS	20°, 30°, 40°, 60° ( field-changeable) Accepts 2 lenses, ordered separately	
ADJUSTABILITY	35° tilt and 360° rotation with tool-free locking	
CEILING APPEARANCE	Flanged or Flangeless (Accommodates up to 2" ceiling thickness)	
CEILING APERTURE	5" x 5" ceiling cut-out per module	
HOUSING	IC Airtight (Low Output Only), Non-IC Airtight, Chicago Plenum. IC suitable for insulation rating up to R60.	
SIZE	2x2	
POWER SUPPLY	Constant Current driver with +.9 power factor and +80% efficiency	
GENERAL LISTING	ETL listed. Damp listed.	
CALIFORNIA TITLE 24	Registered CEC Appliance Database. Can be used to comply with CEC 2016 Title 24 Part 6 for 90 CRI versions.	
CONSTRUCTION	Heavy gauge cold rolled steel	
FINISH	Black or White powder coat	
LED LIFETIME	L70; 50,000 hours	
WARRANTY**	5 years	

\*See ELEMENT-lighting.com for dimmer compatibility.  
\*\*Visit ELEMENT-lighting.com for specific warranty limitations and details.  
Adjustable spot accepts up to two optical lenses. Trims, Light Modules, and Housings sold separately. Only accepts adjustable spot.

## CEILING APPEARANCE

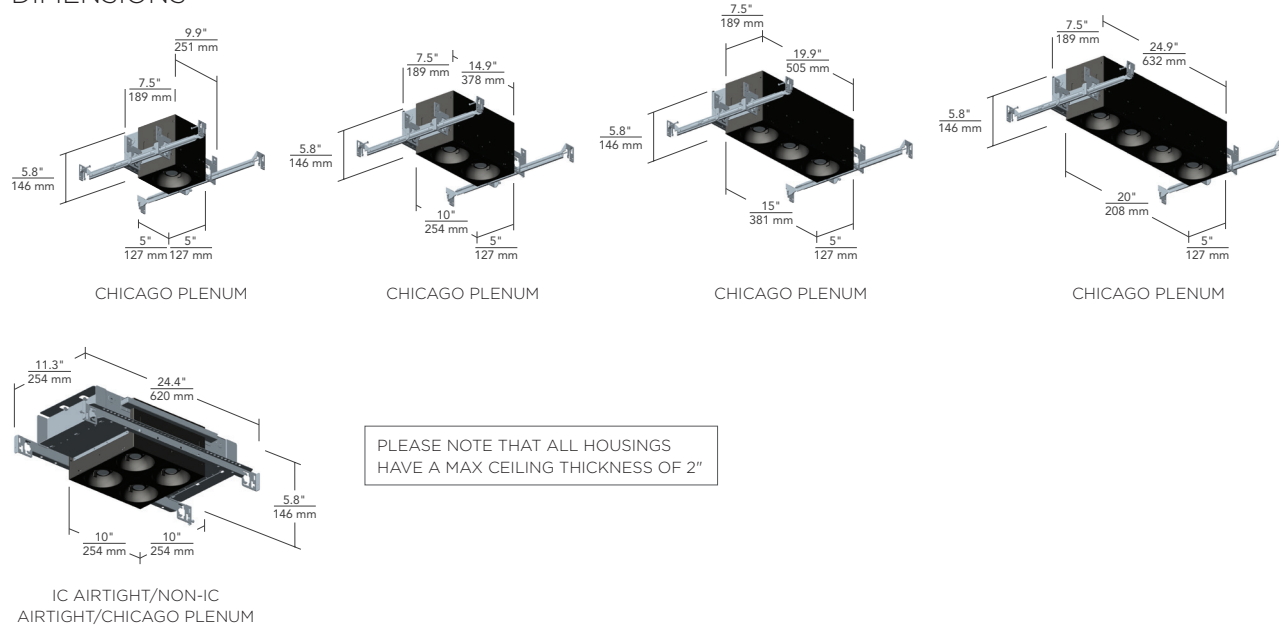


## FINISH OPTIONS



Available in white (paintable), black and satin nickel.

## DIMENSIONS



## ORDERING GRIDS

## HOUSING

ELEMENT MULTIPLES		SIZE		CEILING APPEARANCE		OUTPUT		HOUSING TYPE		VOLTAGE		DIMMING/DRIVER		FINISH	
EMTH	TRIMMED	11	1X1	L	FLANGELESS	LH	HIGH OUTPUT	I	IC AIRTIGHT*	120	120 VOLT	ELV	LOW-VOLTAGE ELECTRONIC	B	BLACK
		12	1X2	F	FLANGED	LO	LOW OUTPUT	N	NON-IC AIRTIGHT	277	277 VOLT	010	0-10 VOLT	W	WHITE
		13	1X3					C	CHICAGO PLENUM (NON-IC)						
		14	1X4												
		22	2X2												

MUST ORDER LIGHT MODULES AND TRIMS (SOLD SEPARATELY).

\*LOW-OUTPUT ONLY

## LIGHT MODULES

MODULES	CRI	CCT	FUNCTION	FINISH
EMT TRIMMED APERTURE	8 80CRI 9 90CRI	27 2700K 30 3000K 35 3500K	A20 ADJUSTABLE - 20° OPTIC A30 ADJUSTABLE - 30° OPTIC A40 ADJUSTABLE - 40° OPTIC A60 ADJUSTABLE - 60° OPTIC	B BLACK W WHITE

## TRIM

ELEMENT MULTIPLES	SPOTS	APERTURE OPENING	CEILING APPEARANCE	FINISH
EMT TRIMMED	11 1X1 SPOT 12 1X2 SPOTS 13 1X3 SPOTS 14 1X4 SPOTS 22 2X2 SPOTS	R ROUND S SQUARE	FF FLANGED LF FLANGELESS	-B BLACK -S SATIN NICKEL -W WHITE

## REPLACEMENT OPTICS

	BEAM SPREAD
353LEDGATOPT	20 20° 30 30° 40 40° 60 60°

## LENSES/LOUVERS

	TYPE	FINISH
MOC	GG PLAIN GLASS SF SOFT FOCUS LL LINEAR SPREAD EC EGGCRATE LOUVER LS1 1" LONG SNOOT LS12 1/2" LONG SNOOT	-B BLACK -W WHITE

## ORDERING NOTE

ORDER HOUSINGS AND MODULES SEPARATELY. MUST ORDER CORRESPONDING NUMBER OF MODULES BASED ON HOUSING SIZE (E.G. 3 MODULES FOR A 1X3 HOUSING, 4 MODULES FOR A 2X2 HOUSING).

# ELEMENT BYOM

## BUILD-YOUR-OWN MULTIPLES

Built on the foundation of an easily configurable modular grid frame system, Build-Your-Own Multiples (BYOM) allow the creation of totally unique, never before achievable LED lighting arrays to fulfill both the designer's vision and challenging space needs.

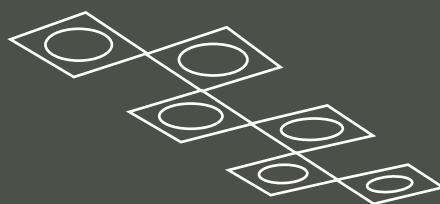


Center: 3x4 Build-Your-Own Multiples Ceiling Grid (6/open/black) | Left: 1x3 Multiples (open/flangeless/black)  
Right: MERGE Recessed Linear Channels (flangeless) featuring MERGE Recessed Wall-to-Ceiling Connectors (flangeless)



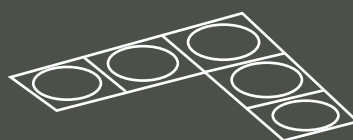
Features

P. 110



Installation

P. 114



Components

P. 118

# BUILD-YOUR-OWN MULTIPLES

## WHERE CREATIVITY AND NECESSITY MEET

Utilizing the same LED light modules as the rest of ELEMENT Multiples, all performance features and options remain consistent, including our patented Adjustable Spot module, General Illumination and Wall Wash. Because light modules can be configured in tight patterns, Build-Your-Own Multiples are capable of generating very high levels of illumination for a small, focused area, while also being ideal for tall ceiling installations requiring high light capacity.



BYOM HOUSING

Grid frame system allows light modules to be configured in never before achievable recessed lighting arrays

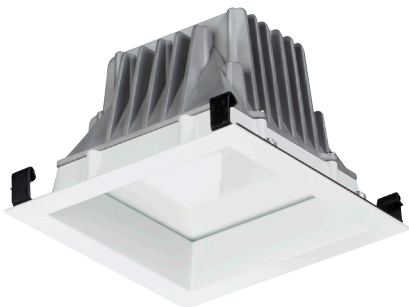


SECTIONAL MUD PLATES

Extruded aluminum plaster plate pieces finish off any configuration to provide a seamless, flangeless look



Adjustable Spot  
Light Module



General Illumination  
Light Module

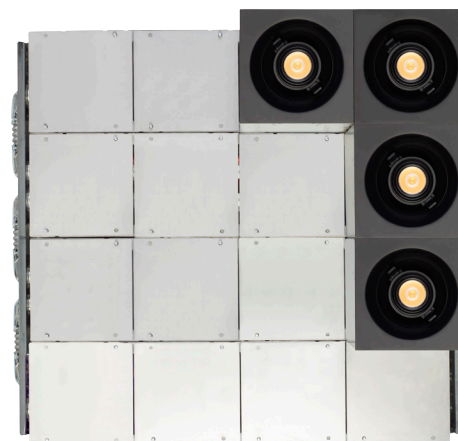


Wall Wash  
Light Module

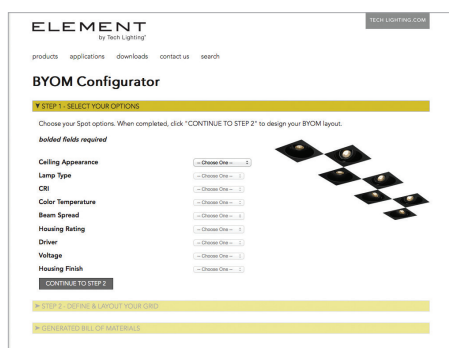
# DESIGNING WITH BYOM

Using ELEMENT's Build-Your-Own Multiples (BYOM) to achieve an almost endless range of creative lighting arrays is made easy with BYOM's expandable grid system, the foundation of BYOM. A designer's vision from large squares or "X" shapes, even checkerboards or colorful fits of fancy using painted shapes to interact with light sources can become reality; all using any combination of Adjustable Spots, General Illumination or Wall Wash light modules.

BYOM can also be a lighting designer's true problem solver. BYOM can be designed to light corners with minimal ceiling "noise." Or BYOM can be clustered for very intense focused lighting. Where walls are configured in odd steps or angles BYOM can follow an asymmetric line for consistent wall washing or accent lighting.

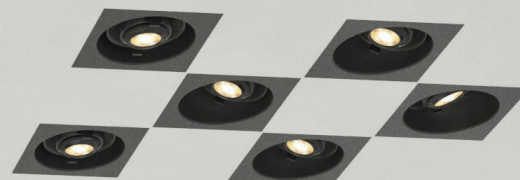
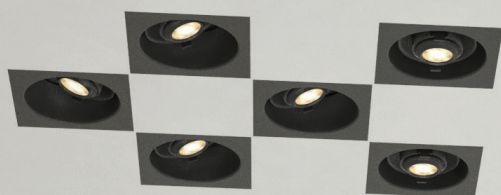


BYOM 4X4 Grid Frame Kit populated with four adjustable light modules



## TRY OUR ONLINE CONFIGURATOR

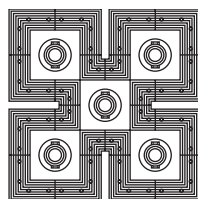
Plaster plate configurations were generated by our online configurator tool. To explore more patterns, shapes, and to configure your own design, please visit: [element-lighting.com/products/byomconfigurator](http://element-lighting.com/products/byomconfigurator)



# CONFIGURATIONS

## ANSWER CHALLENGING SPACE NEEDS AND ACHIEVE ARTISTIC VISION

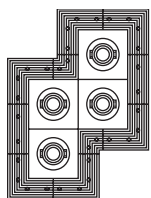
The ELEMENT Build-Your-Own Multiples Grid Frame system is highly configurable and expandable offering 21 Grid Frame Kits of varying sizes that can be combined to create larger grids. From simple "L" shapes to "steps" or more complicated "X" arrays, BYOM LED light modules are placed into the recessed grid structure to create the desired lighting configuration and effect. To finish the look, metal plaster plates and frame blanks allow the entire system to be mudded in for a completely seamless appearance.



### 5 LIGHT "X" PATTERN WHITE

Required for Specification:

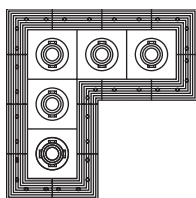
- (1) 3x3 Frame Kit
- (4) Frame Blanks  
(included with frame kits)
- (5) Open Spot Housings, White
- (8) Inner Corner Plaster Plates
- (12) Outer Corner Plaster Plates



### 4 LIGHT "Z" PATTERN WHITE

Required for Specification:

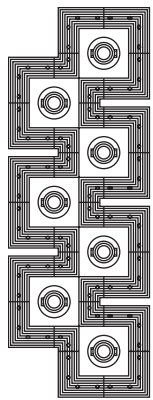
- (1) 2x2 Frame Kit
- (2) Frame Blanks  
(included with frame kit)
- (4) Open Spot Housings, White
- (2) Inner Corner Plaster Plates
- (6) Outer Corner Plaster Plates



### 5 LIGHT "L" PATTERN BLACK

Required for Specification:

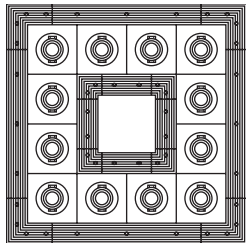
- (1) 3x3 Frame Kit
- (4) Frame Blanks  
(included with frame kit)
- (5) Open Spot Housings, Black
- (1) Inner Corner Plaster Plates
- (5) Outer Corner Plaster Plates



### 7 LIGHT ZIG-ZAG PATTERN BLACK

Required for Specification:

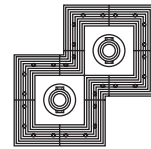
- (1) 2x8 Frame Kit
- (7) Frame Blanks  
(included with frame kits)
- (7) Open Spot Housings, Black
- (12) Inner Corner Plaster Plates
- (16) Outer Corner Plaster Plates



### 12 LIGHT SQUARE PATTERN BLACK

Required for Specification:

- (1) 4x4 Frame Kit
- (4) Frame Blanks (included with frame kit)
- (12) Open Spot Housings, Black
- (4) Inner Corner Plaster Plates
- (4) Outer Corner Plaster Plates
- (4) 2X Straight Plaster Plates
- (4) 4X Straight Plaster Plates



### 2 LIGHT DIAGONAL PATTERN BLACK

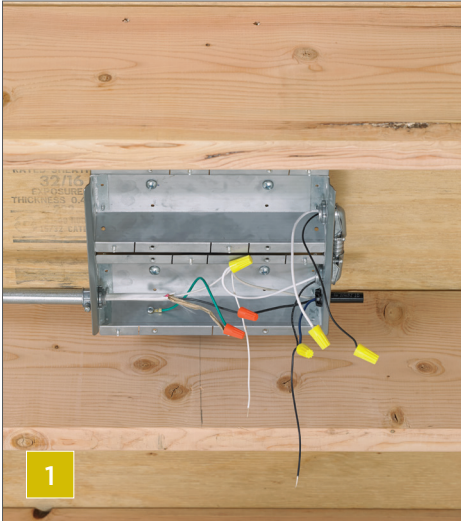
Required for Specification:

- (1) 2x2 Frame Kit
- (2) Frame Blanks  
(included with frame kit)
- (2) Open Spot Housings, Black
- (2) Inner Corner Plaster Plates
- (6) Outer Corner Plaster Plates

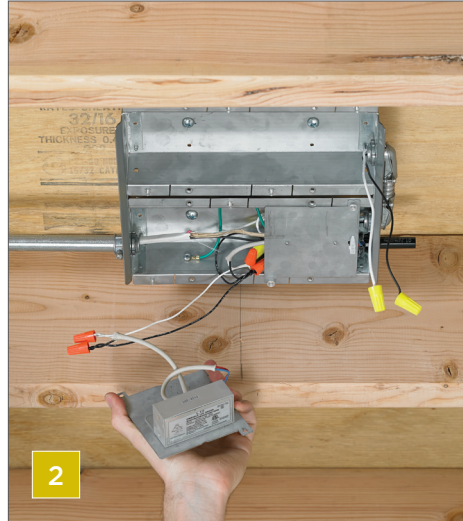
# BYOM INSTALLATION

## SEAMLESS INSTALLATION

Extruded and precision welded aluminum plaster plates are available to accommodate all configurations and allow the entire BYOM system to be mudded-in for a completely seamless appearance regardless of the complexity of the pattern you create.



BYOM frame (as required for light array design) is mounted into ceiling joists; 2x2 frame kit shown



Driver modules are installed (per the light array design) and wired together, blank plates are installed where there will be no spot housing



Install housings with screws provided



Complete the light array design



Connect adjacent housings with screws provided



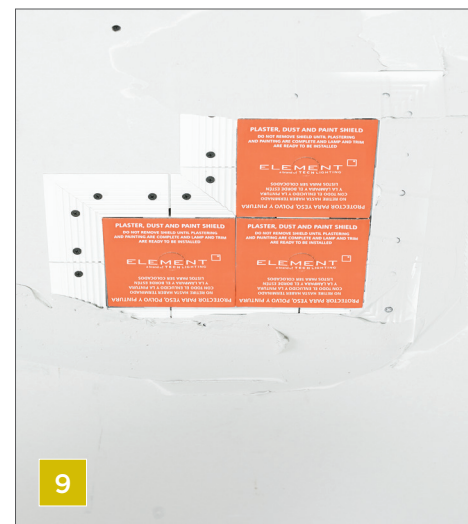
Mount wall board to ceiling outlining the light array design



Attach plaster plates with provided screws after lowering the housings using wing nuts positioned inside the housings



Add plaster plates to outline housing apertures; raise housings flush with ceiling and secure with wing nuts positioned inside the housings



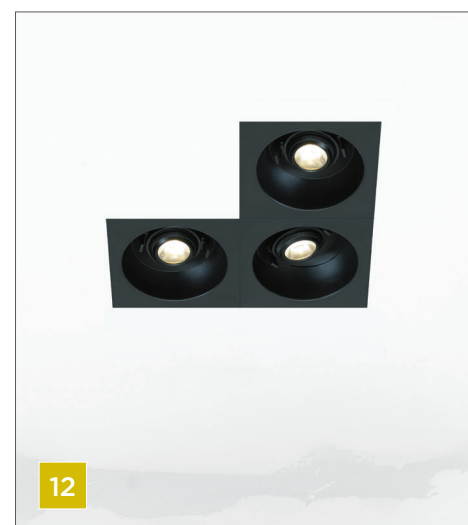
Use included cardboard inserts to prevent mudding inside aperture; skim coat around the plaster plates up to the aperture(s) for a seamless appearance



Sand and paint ceiling



Remove cardboard inserts



Install spot modules and flangeless trims (if specified)

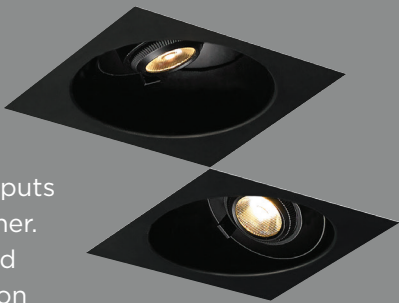




Left Wall: 1x1 Multiples (open/flangeless/black) | Back Wall: 1x3 Multiples (open/flangeless/black)  
 Corner: 3x3 Build-Your-Own Multiples (open/black/"L" shape) | Center: 2x2 Build-Your-Own Multiples (open/black/diagonal)

BYOM

Components



ELEMENT Build-Your-Own Multiples (BYOM) is a uniquely modular recessed LED lighting system that puts incredible design flexibility in the hands of the designer. BYOM LED spot modules are placed into the recessed frame kit structure to create virtually any configuration thinkable. Build-Your-Own Multiples features ELEMENT's patented LED spot dome module enabling remarkable tool-free adjustment and locking while maintaining center beam through the aperture at all tilt and rotation angles. BYOM is also available with general illumination and wall wash light modules.

- Includes 21 Standard Frame Kit Options for Customized Light Arrays
- Patented Adjustable Spot Module Allows Tool-Free Aiming/Locking
- General Illumination and Wall Wash Modules can be Mixed with Adjustable Spot
- 0-35° Tilt
- 360° Rotation
- 2-Step Standard
- Accepts 2 Lens Accessories
- Driver/Field Connections Serviceable Through Aperture
- Integral Junction Box Approved for Branch Wiring
- For Use in 2X8 Construction (Minimum Joist Height)
- Accommodates up to 3" Ceiling Thickness

SPECIFICATIONS

DELIVERED LUMENS	Adjustable Spot module (40°): 1256 (80CRI/3000K) General Illumination Module:1015 (80CRI/3000K) Wall Wash module: 989 (80CRI/3000K)
WATTS	Adjustable Spot module (40°): 12 General Illumination Module: 12 Wall Wash module: 12
EFFICACY	Adjustable Spot module (40°): 104 l/w General Illumination Module: 84 l/w Wall Wash module: 82 l/w
CRI	80+ or 90+
CCT OPTIONS	2700K, 3000K or 3500K
COLOR CONSISTENCY	2-Step
VOLTAGE	120V or 277V
DIMMING*	Standard phase dimming (Down to <1%)* 0-10V (Down to 5%)
LIGHT DISTRIBUTION	General Illumination module: Lambertian Wall Wash module: Asymmetric distribution
OPTICS	Adjustable spot module 20°, 30°, 40°, 60° (field-changeable) Accepts 2 lenses, ordered separately
ADJUSTABILITY	Spot module only: 35° tilt and 360° rotation with tool-free locking
CEILING APPEARANCE	Trimmed Flangeless or Open Flangeless
CEILING APERTURE	5" x 5" ceiling cut-out per module
HOUSING	Non-IC Airtight
SIZES	1x1, 1x2, 1x3, 1x4, 2x2 up to 8x8†
POWER SUPPLY	Constant Current driver with +.9 power factor and +80% efficiency
GENERAL LISTING	ETL listed. Damp listed.
CONSTRUCTION	Heavy gauge cold rolled steel
FINISH	Black or White powder coat
LED LIFETIME	L70; 50,000 hours
WARRANTY*	5 years

\*See ELEMENT-lighting.com for dimmer compatibility.  
\*\*Visit ELEMENT-lighting.com for specific warranty limitations and details.  
‡For longer frame kits, contact Quotes Department. Number of rows cannot exceed number of columns.  
Adjustable spot accepts up to two optical lenses.



Two 2x16 Build-Your-Own Multiples Ceiling Grids (16/open/black)

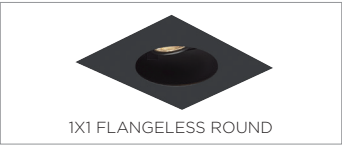
LIGHT MODULES

OPEN ADJUSTABLE SPOT



1X1 FLANGELESS BLACK

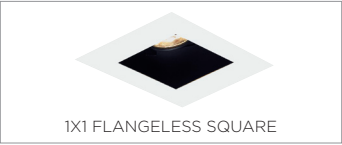
TRIMMED ADJUSTABLE SPOT



1X1 FLANGELESS ROUND



1X1 FLANGELESS WHITE



1X1 FLANGELESS SQUARE

WALL WASH\*



1X1 FLANGELESS BLACK

GENERAL ILLUMINATION\*



1X1 FLANGELESS BLACK



1X1 FLANGELESS WHITE



1X1 FLANGELESS WHITE

\*ONLY COMPATIBLE WITH OPEN OPTION

LIGHT MODULE FINISH



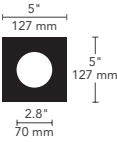
Available in white and black.

TRIMMED FINISH

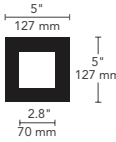


Available in white, black and satin nickel.

TRIMMED CEILING APPEARANCE

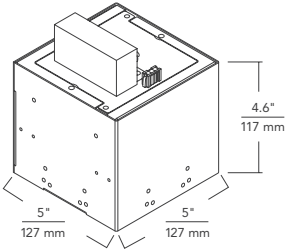


FLANGELESS ROUND



FLANGELESS SQUARE

BYOM HOUSING



ORDERING GRIDS

HOUSING

PRODUCT SERIES	CEILING APPEARANCE	LAMP	CRI	COLOR TEMPERATURE	BEAM SPREAD	HOUSING RATING	DRIVER	VOLTAGE	FINISH
EBYO LIGHT MODULE OPEN	L FLANGELESS	-LO LED LOW OUTPUT	8 80 CRI	27 2700K	2 20°	N NON-IC AIRTIGHT	-ELV STANDARD ELV	120 120 VOLT	B BLACK
EBYT LIGHT MODULE TRIMMED*			9 90 CRI	30 3000K	3 30°		-010 0-10V DIMMING	240 240 VOLT	W WHITE
				35 3500K	4 40°			277 277 VOLT	
					6 60°				
					WW WALL WASH**				
					GI GENERAL ILLUMINATION**				

\*TRIMS ARE REQUIRED AND MUST BE ORDERED SEPARATELY.  
\*\*WW AND GI BEAM SPREADS NOT COMPATIBLE WITH EBYT HOUSINGS.

TRIM

PRODUCT SERIES	APERTURE OPENING	CEILING APPEARANCE	FINISH
EMT11	R ROUND	LF FLANGELESS	-B BLACK
	S SQUARE		-S SATIN NICKEL
			-W WHITE

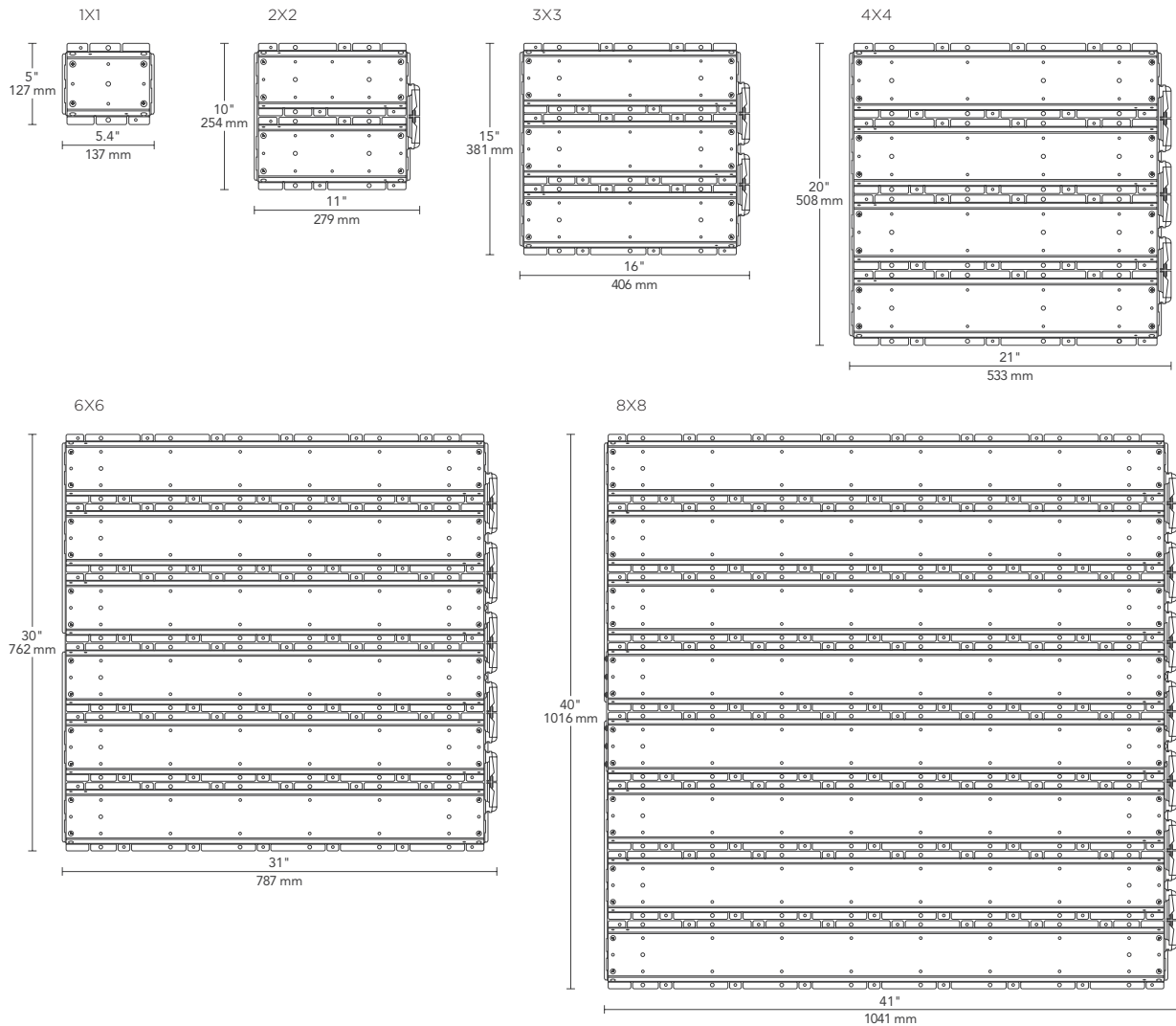
REPLACEMENT OPTICS

353LEDGATOPT	BEAM SPREAD
20	20°
30	30°
40	40°
60	60°

LENSES/LOUVERS

MOC	TYPE	FINISH
GG	PLAIN GLASS	-B BLACK
SF	SOFT FOCUS	-W WHITE
LL	LINEAR SPREAD	
EC	EGGCRATE LOUVER	
LS1	1" LONG SNOOT	
LS12	1/2" LONG SNOOT	

FRAME KITS (OTHER SIZES AVAILABLE PER ORDERING GRID)



ORDERING GRIDS

FRAME KITS

ELEMENT BYOM FRAME KIT	# OF ROWS*	# OF COLUMNS
EBYF	1	1
	2	2
	3	3
	4	4
	6	6
	8	8

PLASTER PLATES

ELEMENT BYOM PLASTER PLATE ASSEMBLIES	SHAPE	
EBYPPLT	2	2X STRAIGHT
	3	3X STRAIGHT
	4	4X STRAIGHT
	OC	OUTSIDE CORNER
	IC	INSIDE CORNER
		STRAIGHT PIECE FOR USE W/ 2 LINEAR SPOTS TO BE USED IN CONJUNCTION W/ 90° PIECES
		STRAIGHT PIECE FOR USE W/ 3 LINEAR SPOTS TO BE USED IN CONJUNCTION W/ 90° PIECES
		STRAIGHT PIECE FOR USE W/ 4 LINEAR SPOTS TO BE USED IN CONJUNCTION W/ 90° PIECES
		90° OUTSIDE CORNER
		90° INSIDE CORNER

FOR FRAME KIT GRIDS GREATER THAN 8 ROWS OR COLUMNS, CONTACT QUOTES DEPARTMENT.  
\*THE NUMBER OF ROWS CANNOT EXCEED NUMBER OF COLUMNS.

ORDERING NOTE

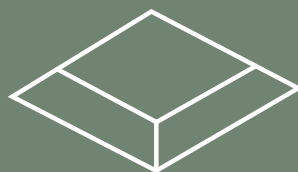
ORDER HOUSINGS, MODULES, AND TRIMS (IF APPLICABLE) SEPARATELY.

# ENTRA DOWNLIGHTS

Entra offers a quality alternative to meet residential and commercial specifications on budget-sensitive projects. Custom engineered for high performance and reliability, Entra is easy to configure with a complete feature set that offers flexibility without an overwhelming list of options. Entra is available for new construction or remodel applications.

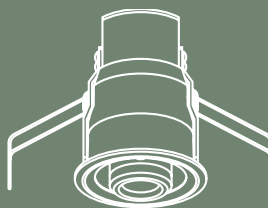


Entra 3" Adjustable Downlights (square/flangeless/flat/white)



3" Series

P. 126



2" Niche

P. 130



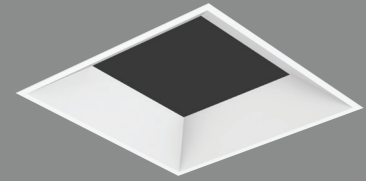
Entra 3" Adjustable Downlight (round/flanged/flat/white)



Entra 3" Adjustable Downlights (square/flangeless/bevel/white)

# 3"

**ENTRA™**  
**LED**  
Adjustable  
Downlight &  
Wall Wash



The Entra 3" LED Adjustable Downlight offers a quality alternative to meet residential and commercial specifications on budget-sensitive projects. Custom engineered for high performance and reliability, Available in 2 housing sizes and outputs, 4 color temperatures and includes 20°, 40° and 65° interchangeable optics with hot-aiming (30° tilt; 359° rotation). Flanged or flangeless (includes mud plate), round or square, flat or beveled die-cast trims in Silver and a paintable White finish.

- Budget-Sensitive
- 0-30° Tilt
- 359° Rotation
- All Optics Included
- Accepts 2 Lens Accessories
- 3-Step Standard
- Universal Driver: 120-277V, Triac/ELV and 0-10V
- Driver/Field Connections Serviceable Through Aperture

## SPECIFICATIONS

	HIGH OUTPUT	LOW OUTPUT
DELIVERED LUMENS	1311	980
WATTS	18	12
EFFICACY	73	82
CRI	90	
CBCP (AT 3000K)	20° - 4994 40° - 2544 65° - 1091 (High Output)	
CCT OPTIONS	2700K, 3000K, 3500K, 4000K	
COLOR CONSISTENCY	3-Step	
VOLTAGE	Universal 120V - 277V	
DIMMING*	TRIAC, ELV or 0-10V (all standard, down to 5%)	
POWER SUPPLY	Constant current driver with +.9 power factor and >87% efficiency	
OPTICS	20°, 40°, 65° (all included)	
ADJUSTABILITY	0-30° tilt, 359° rotation	
CEILING APPEARANCE	Flanged or Flangeless (Both accommodate 1/2" to 1 ceiling thickness)	
CEILING APERTURE	4" ceiling cut-out	
HOUSING	IC Airtight, Chicago Plenum. IC suitable up to R60 spray foam insulation.	
CONSTRUCTION	Housing: Heavy gauge cold rolled steel Trims: Die cast aluminum	
FINISH	Housing: Black powder coat Trims: Silver, White (paintable)	
GENERAL LISTING	ETL listed. Damp listed. Shower version wet listed. Energy Star.	
CALIFORNIA TITLE 24	Registered CEC Appliance Database. Can be used to comply with CEC 2016 Title 24 Part 6.	
LED LIFETIME	L70; 50,000 hours	
WARRANTY**	5 years	

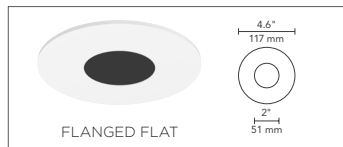
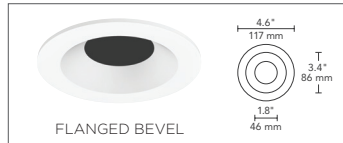
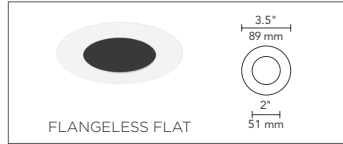
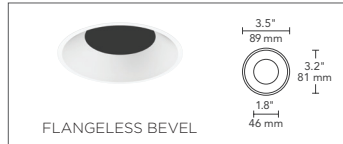
\*See ELEMENT-lighting.com for dimmer compatibility.

\*\*Visit ELEMENT-lighting.com for specific warranty limitations and details.

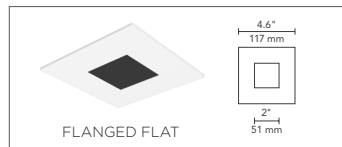
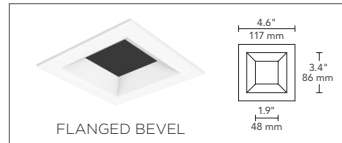
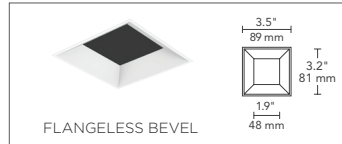
Accepts two optical controls and an optional trim-mounted lens.

Data in chart reflect 3000K/90 CRI values unless noted.

## ROUND TRIMS



## SQUARE TRIMS



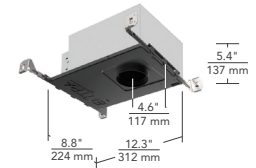
## WALL WASH



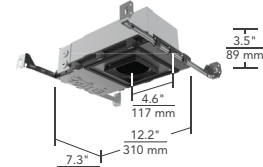
## FINISH OPTIONS



Available in white (paintable) and silver.



IC AIRTIGHT/CHICAGO PLENUM  
HIGH OUTPUT



IC AIRTIGHT/CHICAGO PLENUM  
LOW OUTPUT

## ORDERING GRIDS

## HOUSING

PRODUCT SERIES	LAMP	CRI	TEMPERATURE	BEAM	FUNCTION	HOUSING RATING
<b>EN3R</b> ENTRA 3" ROUND	<b>-LH</b> HIGH OUTPUT	<b>9</b> 90 CRI	<b>27</b> 2700K	<b>A</b> 20° - 40° - 65°	<b>A</b> ADJUSTABLE*	<b>I</b> IC AIRTIGHT
<b>EN3S</b> ENTRA 3" SQUARE	<b>-LO</b> LOW OUTPUT		<b>30</b> 3000K <b>35</b> 3500K <b>40</b> 4000K			<b>C</b> CHICAGO PLENUM

INCLUDES AN LED DRIVER WITH UNIVERSAL INPUT 120V - 277V, DIMMABLE BY TRIAC, ELV OR 0-10V CONTROLS.  
HOUSING SHIPS WITH PLASTER-PLATE FOR USE ON FLANGELESS INSTALLATION, DO NOT USE PLATE FOR FLANGED INSTALLS.  
TRIMS ARE REQUIRED AND MUST BE ORDERED SEPARATELY.  
\*ADJUST TO 30° TILT FOR WALL WASH APPLICATION.  
†LED MODULE SHIPS WITH 40° OPTIC INSTALLED. INCLUDES 20° AND 65° OPTICS AS WELL.

## TRIM

PRODUCT SERIES	CEILING APPEARANCE	STYLE	APERTURE	FINISH
<b>EN3R</b> ENTRA 3" ROUND	<b>L</b> FLANGELESS	<b>B</b> BEVEL	<b>-O</b> NO LENS	<b>S</b> SILVER
<b>EN3S</b> ENTRA 3" SQUARE	<b>F</b> FLANGED UP TO 0.75" CEILING THICKNESS	<b>F</b> FLAT	<b>-H</b> SHOWER (LENSED)*	<b>W</b> WHITE
	<b>F1</b> FLANGED 0.75" - 1" CEILING THICKNESS	<b>W</b> WALL WASH	<b>-W</b> WALL WASH (LENSED)**	

\*SHOWER (LENSED) APERTURE (-H) REQUIRES BEVEL TRIM (B).

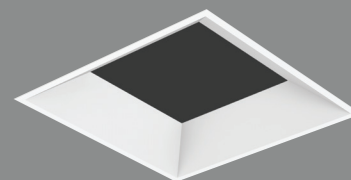
\*\*WALL WASH STYLE TRIM (W) CAN ONLY BE USED WITH WALL WASH LENSED APERTURE (-W).

## LENSES/LOUVERS

ITEM	DESCRIPTION
<b>140MR16SF</b>	ENTRA SOLITE ROUND LENS
<b>140MR16SB</b>	ENTRA SANDBLASTED LENS
<b>140MR16LL</b>	ENTRA LINEAR SPREAD LENS
<b>140MR16DF</b>	ENTRA DIFFUSER SPREAD LENS
<b>140MR16GL</b>	ENTRA CLEAR LENS
<b>700A02-BK</b>	ENTRA EGGRATE LOUVER

# 3"

## ENTRA™ Remodel LED Adjustable Downlight & Wall Wash



The Entra 3" remodel adjustable LED downlight offers a cost-effective alternative to meet residential and commercial specifications on budget-sensitive projects. Custom engineered for high performance and reliability, Entra LED modules are available in 4 color temperatures and include 20°, 40° and 65° interchangeable optics with hot-aiming (30° tilt; 359° rotation). Flanged or flangeless (includes mud plate), round or square, flat or beveled die-cast trims in Silver and a paintable white finish.

- Budget-Sensitive
- 0-30° Tilt
- 359° Rotation
- All Optics Included
- Accepts 2 Lens Accessories
- 3-Step Standard
- Universal Driver: 120-277V, Triac/ELV and 0-10V
- Driver/Field Connections Serviceable Through Aperture

### SPECIFICATIONS

	HIGH OUTPUT	LOW OUTPUT
DELIVERED LUMENS	1311	980
WATTS	18	12
EFFICACY	73	82
CRI	90	
CBCP (AT 3000K)	20° - 4994 40° - 2544 65° - 1091 (High Output)	
CCT OPTIONS	2700K, 3000K, 3500K, 4000K	
COLOR CONSISTENCY	3-Step	
VOLTAGE	Universal 120V - 277V	
DIMMING*	TRIAC, ELV or 0-10V (all standard, down to 5%)	
POWER SUPPLY	Constant current driver with +.9 power factor and >87% efficiency	
OPTICS	20°, 40°, 65° (all included)	
ADJUSTABILITY	0-30° tilt, 359° rotation	
CEILING APPEARANCE	Flanged or Flangeless (Both accommodate 1/2" to 1 ceiling thickness)	
CEILING APERTURE	4" ceiling cut-out	
HOUSING	Non-IC	
CONSTRUCTION	Trims: Die cast aluminum	
FINISH	Housing: Black powder coat Trims: Silver, White (paintable)	
GENERAL LISTING	ETL listed. Damp listed. Shower version wet listed. Energy Star.	
CALIFORNIA TITLE 24	Registered CEC Appliance Database. Can be used to comply with CEC 2016 Title 24 Part 6.	
LED LIFETIME	L70; 50,000 hours	
WARRANTY**	5 years	

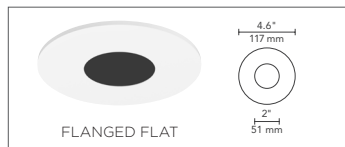
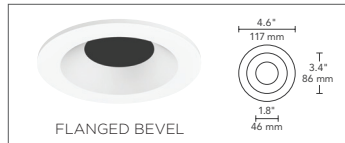
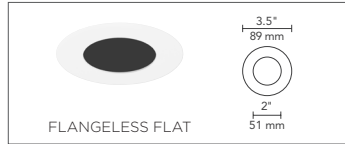
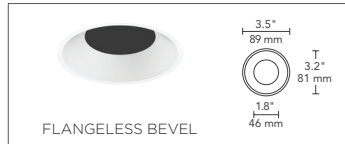
\*See ELEMENT-lighting.com for dimmer compatibility.

\*\*Visit ELEMENT-lighting.com for specific warranty limitations and details.

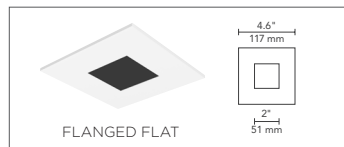
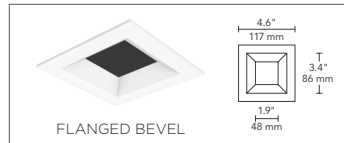
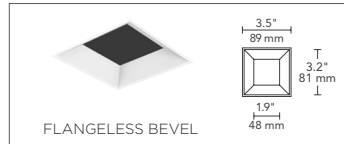
Accepts two optical controls and an optional trim-mounted lens.

Data in chart reflect 3000K/90 CRI values unless noted.

## ROUND TRIMS



## SQUARE TRIMS



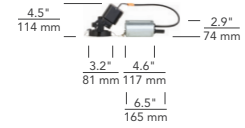
## WALL WASH



## FINISH OPTIONS



Available in white (paintable) and silver.



NON-IC

## ORDERING GRIDS

### HOUSING

PRODUCT SERIES	LAMP	CRI	TEMPERATURE	BEAM	FUNCTION	HOUSING RATING	VOLTAGE
<b>EN3RR</b> ENTR 3" ROUND REMODEL	<b>-LH</b> HIGH OUTPUT	<b>9</b> 90 CRI	<b>27</b> 2700K	<b>A</b> 20° - 40° - 65°†	<b>A</b> ADJUSTABLE*	<b>N</b> NON-IC	120 VOLT (LEAVE BLANK)
<b>EN3SR</b> ENTR 3" SQUARE REMODEL	<b>-LO</b> LOW OUTPUT		<b>30</b> 3000K				<b>-277</b> 277 VOLT
			<b>35</b> 3500K				
			<b>40</b> 4000K				

INCLUDES AN LED DRIVER THAT IS DIMMABLE BY TRIAC, ELV OR 0-10V CONTROLS.  
HOUSING SHIPS WITH PLASTER-PLATE FOR USE ON FLANGELESS INSTALLATION, DO NOT USE PLATE FOR FLANGED INSTALLS.  
TRIMS ARE REQUIRED AND MUST BE ORDERED SEPARATELY.  
\*ADJUST TO 30° TILT FOR WALL WASH APPLICATION.  
†LED MODULE SHIPS WITH 40° OPTIC INSTALLED. INCLUDES 20° AND 65° OPTICS AS WELL.

### TRIM

PRODUCT SERIES	CEILING APPEARANCE	STYLE	APERTURE	FINISH
<b>EN3R</b> ENTR 3" ROUND	<b>L</b> FLANGELESS	<b>B</b> BEVEL	<b>-O</b> NO LENS	<b>S</b> SILVER
<b>EN3S</b> ENTR 3" SQUARE	<b>F</b> FLANGED	<b>F</b> FLAT	<b>-H</b> SHOWER (LENSED)*	<b>W</b> WHITE
		<b>W</b> WALL WASH	<b>-W</b> WALL WASH (LENSED)**	

\*SHOWER (LENSED) APERTURE (-H) REQUIRES BEVEL TRIM (B).

\*\*WALL WASH STYLE TRIM (W) CAN ONLY BE USED WITH WALL WASH LENSED APERTURE (-W).

### LENSES/LOUVERS

ITEM	DESCRIPTION
<b>140MR16SF</b>	ENTRA SOLITE ROUND LENS
<b>140MR16SB</b>	ENTRA SANDBLASTED LENS
<b>140MR16LL</b>	ENTRA LINEAR SPREAD LENS
<b>140MR16DF</b>	ENTRA DIFFUSER SPREAD LENS
<b>140MR16GL</b>	ENTRA CLEAR LENS
<b>700A02-BK</b>	ENTRA EGGRATE LOUVER

# 2"

## ENTRA™ Niche LED Adjustable Downlight



Entra LED Adjustable Niche Lights offer a versatile way to bring accent lighting to both the interior or exterior of your home. Available in both 12V and line-voltage versions, these units offer adjustable aiming in multiple color temperatures, and include both a 30° and 65° lens. Entra LED Niche Lights are ideal for highlighting objects, drawing attention to architectural details and improving overall illumination. Can be mounted in bookshelves or cabinets, as well as ceilings.

- Budget-Sensitive
- Easy Installation, Small Form Factor
- 0-35° Tilt
- 359° Rotation
- All Optics Included
- 3-Step Standard
- Available 12V or 120V
- Driver/Field Connections Serviceable Through Aperture

### SPECIFICATIONS

	12V	120V
DELIVERED LUMENS		480
WATTS		6
EFFICACY		80 lm/w
CRI		90
CCT OPTIONS	2700K, 3000K, 3500K	
COLOR CONSISTENCY	3-Step	
CBCP	60°: 484	
VOLTAGE*	12V or 120V	
DIMMING	ELV, TRIAC (Down to 5%)	
POWER SUPPLY	Constant current driver with +.9 power factor and >87% efficiency	
OPTICS	30°, 60° (All included)	
ADJUSTABILITY	35° tilt; 359° rotation	
CEILING APPEARANCE	Flanged	
CEILING APERTURE	2-3/8" ceiling cut-out	
HOUSING	IC Airtight	
CONSTRUCTION	Steel/Aluminum	
FINISH	Antique Bronze, White	
GENERAL LISTING	ETL listed. Wet listed.	
CALIFORNIA TITLE 24	Registered CEC Appliance Database. Can be used to comply with CEC 2016 Title 24 Part 6.	
LED LIFETIME	L70; 50,000 hours	
WARRANTY**	5 years	

\*Must order 12V transformer (sold separately).

\*\*Visit [ELEMENT-lighting.com](http://ELEMENT-lighting.com) for specific warranty limitations and details.

Entra LED Niche Lights perform best with electronic transformers and electronic low-voltage (ELV) dimmers.

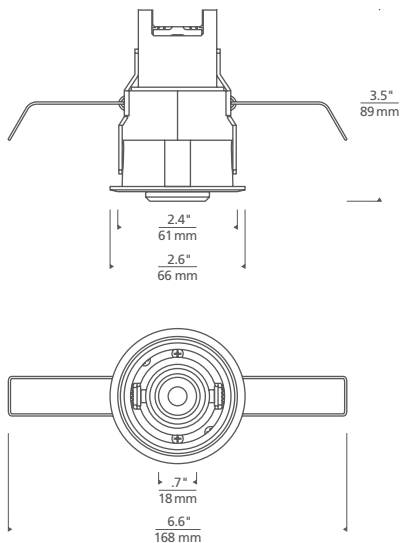


SHOWN IN ANTIQUE BRONZE  
ROUND ADJUSTABLE (12V)



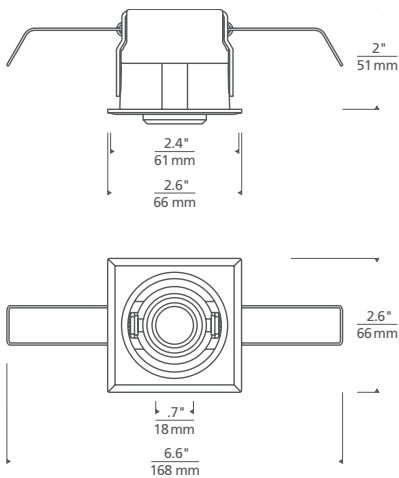
SHOWN IN WHITE SQUARE  
ADJUSTABLE (120V)

HOUSING-12V



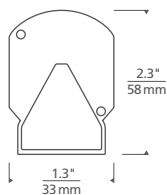
ADJUSTABLE ROUND

HOUSING-120V



ADJUSTABLE SQUARE

ACCESSORY



MC CONNECTOR  
(ENNCONCP)

USE IN LIEU OF EXISTING  
CAP ON TOP OF ENTRA  
NICHE LIGHTS FOR  
MC CONNECTORS.

ORDERING GRIDS

HOUSING

PRODUCT SERIES	LAMP	CRI	TEMPERATURE	BEAM	FUNCTION	HOUSING RATING	VOLTAGE	FINISH
ENN2R	ENTRA NICHE 2" ROUND	-LO LED	9 90 CRI	27 2700K	A 30°, 60°†	A ADJUSTABLE	I IC AIRTIGHT	12 12V‡
ENN2S	ENTRA NICHE 2" SQUARE		30 3000K				120 120V	W WHITE
			35 3500K					Z ANTIQUE BRONZE

PLEASE ORDER THE ENTRA REMOTE TRANSFORMER TO PAIR WITH YOUR NICHE LIGHT SYSTEM.  
†ENTRA LED NICHE LIGHT SHIPS WITH 30° OPTIC INSTALLED. INCLUDES 60° OPTIC AS WELL.  
‡ENTRA 12V LED NICHE LIGHTS PERFORM BEST WITH ELECTRONIC TRANSFORMERS AND ELV DIMMERS.

TRANSFORMERS\* (ORDERED SEPARATELY)

ITEM	DESCRIPTION	DIMMING
700AT060EL	ELECTRONIC, 60W, 120V	ELV

DO NOT LOAD TRANSFORMER ABOVE 70% OF RATED LOAD DUE TO IN-RUSH CURRENT.  
\*CONSULT SPEC SHEETS FOR DIMENSIONS.

CONNECTOR

PRODUCT SERIES
ENNCONCP

\*ACCESS ABOVE CEILING IS REQUIRED TO USE CONNECTOR CAP

2"

ENTRA™  
Niche LED  
Fixed Downlight



Entra LED Fixed Niche Lights offer a versatile way to bring accent lighting to both the interior or exterior of your home. Available in both 12V and line-voltage versions, these units offer multiple color temperatures, and include both a 30° and 65° lens. Entra LED Niche Lights are ideal for highlighting objects, drawing attention to architectural details and improving overall illumination. Can be mounted in bookshelves or cabinets, as well as ceilings.

- Budget-Sensitive
- Easy Installation, Small Form Factor
- All Optics Included
- 3-Step Standard
- Available 12V or 120V
- Driver/Field Connections Serviceable Through Aperture

SPECIFICATIONS

	12V	120V
DELIVERED LUMENS		480
WATTS		6
EFFICACY		80 lm/w
CRI		90
CCT OPTIONS	2700K, 3000K, 3500K	
COLOR CONSISTENCY	3-Step	
CBCP	60°: 484	
VOLTAGE*	12V or 120V	
DIMMING	ELV, TRIAC (Down to 5%)	
POWER SUPPLY	Constant current driver with +.9 power factor and >87% efficiency	
OPTICS	30°, 60° (All included)	
CEILING APPEARANCE	Flanged	
CEILING APERTURE	2-3/8" ceiling cut-out	
HOUSING	IC Airtight	
CONSTRUCTION	Steel/Aluminum	
FINISH	Antique Bronze, White	
GENERAL LISTING	ETL listed. Wet listed.	
CALIFORNIA TITLE 24	Registered CEC Appliance Database. Can be used to comply with CEC 2016 Title 24 Part 6.	
LED LIFETIME	L70; 50,000 hours	
WARRANTY**	5 years	

\*Must order 12V transformer (sold separately).

\*\*Visit [ELEMENT-lighting.com](http://ELEMENT-lighting.com) for specific warranty limitations and details.

Entra LED Niche Lights perform best with electronic transformers and electronic low-voltage (ELV) dimmers.

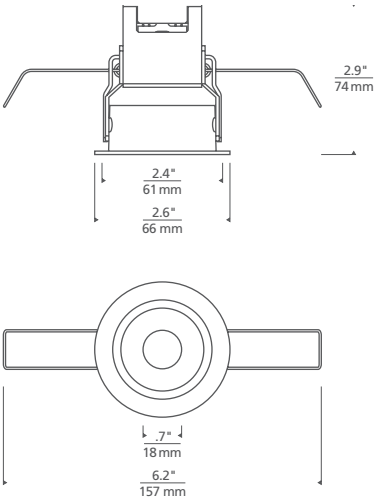


SHOWN IN WHITE  
ROUND FIXED (12V)



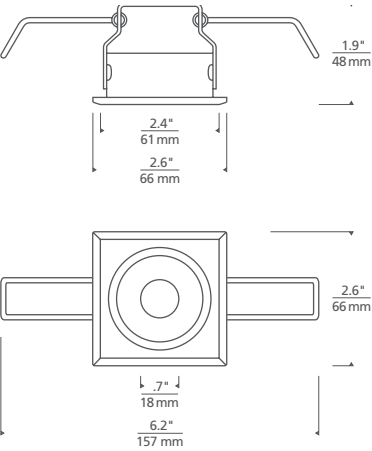
SHOWN IN ANTIQUE BRONZE  
SQUARE FIXED (120V)

HOUSING-12V



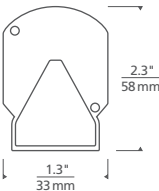
FIXED ROUND

HOUSING-120V



FIXED SQUARE

ACCESSORY



MC CONNECTOR  
(ENNCONCP)  
  
USE IN LIEU OF EXISTING  
CAP ON TOP OF ENTRA  
NICHE LIGHTS FOR  
MC CONNECTORS.

ORDERING GRIDS

HOUSING

PRODUCT SERIES		LAMP		CRI		TEMPERATURE		BEAM		FUNCTION		HOUSING RATING		VOLTAGE		FINISH	
ENN2R	ENTRA NICHE 2" ROUND	-LO	LED	9	90 CRI	27	2700K	A	30°, 60°†	D	DOWN	I	IC AIRTIGHT	12	12V†	W	WHITE
ENN2S	ENTRA NICHE 2" SQUARE					30	3000K							120	120V	Z	ANTIQUE BRONZE
						35	3500K										

PLEASE ORDER THE ENTRA REMOTE TRANSFORMER TO PAIR WITH YOUR NICHE LIGHT SYSTEM.  
†ENTRA LED NICHE LIGHT SHIPS WITH 30° OPTIC INSTALLED. INCLUDES 60° OPTIC AS WELL.  
\*ENTRA 12V LED NICHE LIGHTS PERFORM BEST WITH ELECTRONIC TRANSFORMERS AND ELV DIMMERS.

TRANSFORMERS\* (ORDERED SEPARATELY)

ITEM	DESCRIPTION	DIMMING
700AT060EL	ELECTRONIC, 60W, 120V	ELV

DO NOT LOAD TRANSFORMER ABOVE 70% OF RATED LOAD DUE TO IN-RUSH CURRENT.  
\*CONSULT SPEC SHEETS FOR DIMENSIONS.

CONNECTOR

PRODUCT SERIES
ENNCONCP

\*ACCESS ABOVE CEILING IS REQUIRED TO USE CONNECTOR CAP

# REFLECTIONS

## RECESSED DECORATIVE LED DOWNLIGHTS

Innovative, first-of-its-kind technology in architectural downlights, Reflections combines decorative recessed domes with beautifully controlled, reduced-glare indirect LED illumination.



Ceiling: Reflections 12" BLOOM (flangeless) | Back: Mulberry Chandeliers | Right: SoCo Pendants

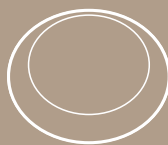


Features

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6" Retrofit

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SKYE

P. 146



DUNE

P. 148



FLEUR

P. 150



BLOOM

P. 152



TORUS

P. 154

# REFLECTIONS

## AWARD-WINNING, INNOVATIVE APPROACH TO ARCHITECTURAL DOWNLIGHTS

Reflections redefines recessed lighting at a fundamental level by allowing LED downlights to become an essential architectural component as well as a decorative design element. Ideal for residential, hospitality, retail, or corporate environments, patent-pending Reflections recessed downlights infuse an interior design with style and taste while delivering pristine LED indirect general illumination.

A choice of five distinctive domes, molded with exquisitely embossed design details, subtly accent architectural themes with beautiful and abundant indirect LED general illumination while creating a soft ceiling glow.

Flanged

Flangeless



**SKYE** lives simply unadorned, where pure, reduced-glare indirect illumination is the ideal solution.



**DUNE** creates concentric rings of reflected light reminiscent of rippling water or waves of sand.



**FLEUR** reimagines the traditional Fleur di Lis adding distinctive, glowing accents to classic ceiling detail.



**BLOOM** brings the symmetry of the natural world into harmony with traditional, transitional, or contemporary room décor.



**TORUS** transforms beautiful three-dimensional geometry for dramatic visual interest with the subtle play of light and shadow.



Reflections 8" DUNE (flanged)

# SPECIFICATIONS

## NEW CONSTRUCTION AND REMODEL

	5" Aperture	8" Aperture	12" Aperture
DELIVERED LUMENS	684	1255	1989
WATTS	9	15	31
EFFICACY (L/W)	76	84	64
VOLTAGE	Universal 120V-277V		
DIMMING*	0-10V, ELV, TRIAC (Down to 5%); Lutron Hi-Lume Eco-system Fade-to-Black (Down to 0.1%); Lutron Hi-Lume 2-wire (Down to 1%); EldoLED 0-10V or Dali (Down to 0.1%)		
POWER SUPPLY	Constant current driver with +.9 power factor and +85% efficiency. Serviceable from below the ceiling.		
LIGHT DISTRIBUTION	Lambertian		
CCT	2700K, 3000K, 3500K, or Warm Color Dimming (3000K-2000K)		
CRI	90+		
CEILING APPEARANCE	Flanged (Trims accommodate a 1/2" to 1" ceiling thickness) or Flangeless		
HOUSING*	IC Airtight or Chicago Plenum. IC suitable up to R60 spray foam insulation.		
GENERAL LISTING	ETL listed. Damp listed.		
CALIFORNIA TITLE 24	Registered CEC Appliance Database. Can be used to comply with CEC 2016 Title 24 Part 6.		
LED LIFETIME	L70; 50,000 Hours		
WARRANTY*	5 Years		

## RETROFIT

6" Aperture
684
9
76
120V
ELV, TRIAC (Down to 5%)
Constant current driver with +.9 power factor and +75% efficiency
Lambertian
2700K, 3000K, 3500K, or Warm Color Dimming (3000K-2000K)
90+
Flanged
IC rating dependent on existing housing
ETL listed, Damp listed
Registered CEC Appliance Database. Can be used to comply with CEC 2016 Title 24 Part 6.
L70; 50,000 Hours
5 Years

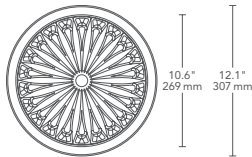
\*See ELEMENT-lighting.com for dimmer compatibility.; \*\*Visit ELEMENT-lighting.com for specific warranty limitations and details.

# DIMENSIONS

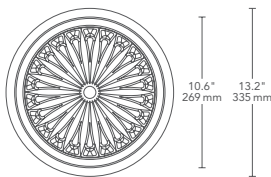
Reflections domes also offer two ceiling appearance options: flanged for a more traditional ceiling appearance; or flangeless for a smooth, mudded-in ceiling appearance.

BLOOM shown 30% of actual size (shown flangeless).

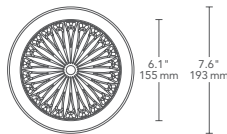
12" Flangeless



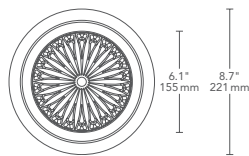
12" Flanged



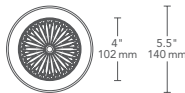
8" Flangeless



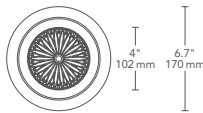
8" Flanged



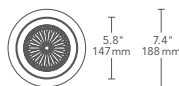
5" Flangeless



5" Flanged



6" Retrofit Flanged





Reflections 8" TORUS (flanged)

# HOUSINGS

Reflections can be a sole source of reduced-glare general illumination or can be used in combination with other lighting fixtures. When combined with traditional recessed downlights (that deliver high performance, angle adjustment, beam options, programmability and a myriad of functional light design attributes), Reflections enhances & complements the overall lighting design and décor of a given space.

## 5 DESIGN PATTERNS

BLOOM, DUNE, FLEUR,  
SKYE, or TORUS

## APERTURE SIZES

5", 8", or 12"

6" Retrofit

## CEILING APPEARANCE

Flanged or Flangeless  
(with integral mud plate)

## CCT OPTIONS

2700K, 3000K, 3500K, or  
Warm Color Dimming  
3000K-2000K

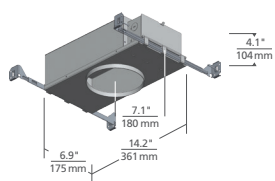
## HOUSING INSTALLATION

New Construction IC Airtight,  
Remodel (IC) or Retrofit

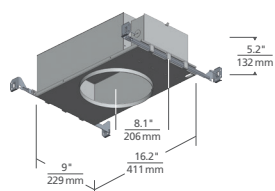
## DIMMING

0-10, ELV, Triac, Ecosystem,  
Hi-lume, 2-Wire, or Dali

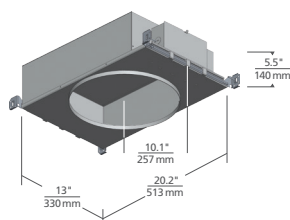
## NEW CONSTRUCTION



5" Aperture

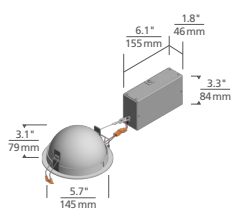


8" Aperture

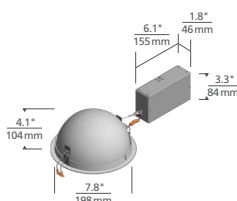


12" Aperture

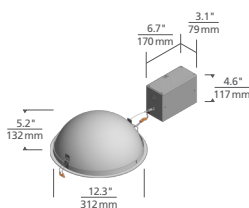
## REMODEL



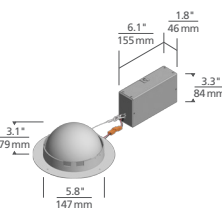
5" Flanged



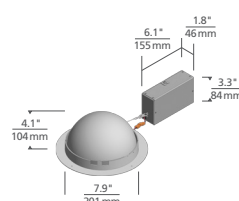
8" Flanged



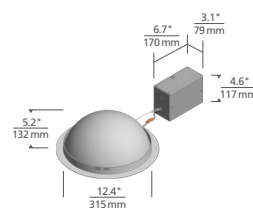
12" Flanged



5" Flangeless\*



8" Flangeless\*



12" Flangeless\*

\*Remodel flangeless includes  
integrated mud plate.

## RETROFIT



6" Aperture

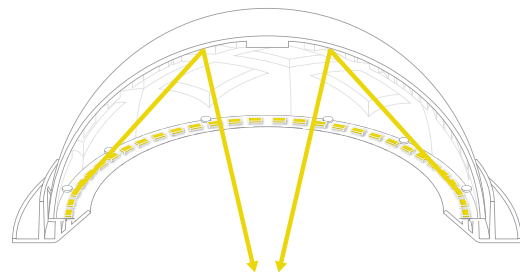


Reflections 5" TORUS (Flanged)

# INDIRECT LIGHT

## ELEVATING STYLE WHILE REDUCING GLARE

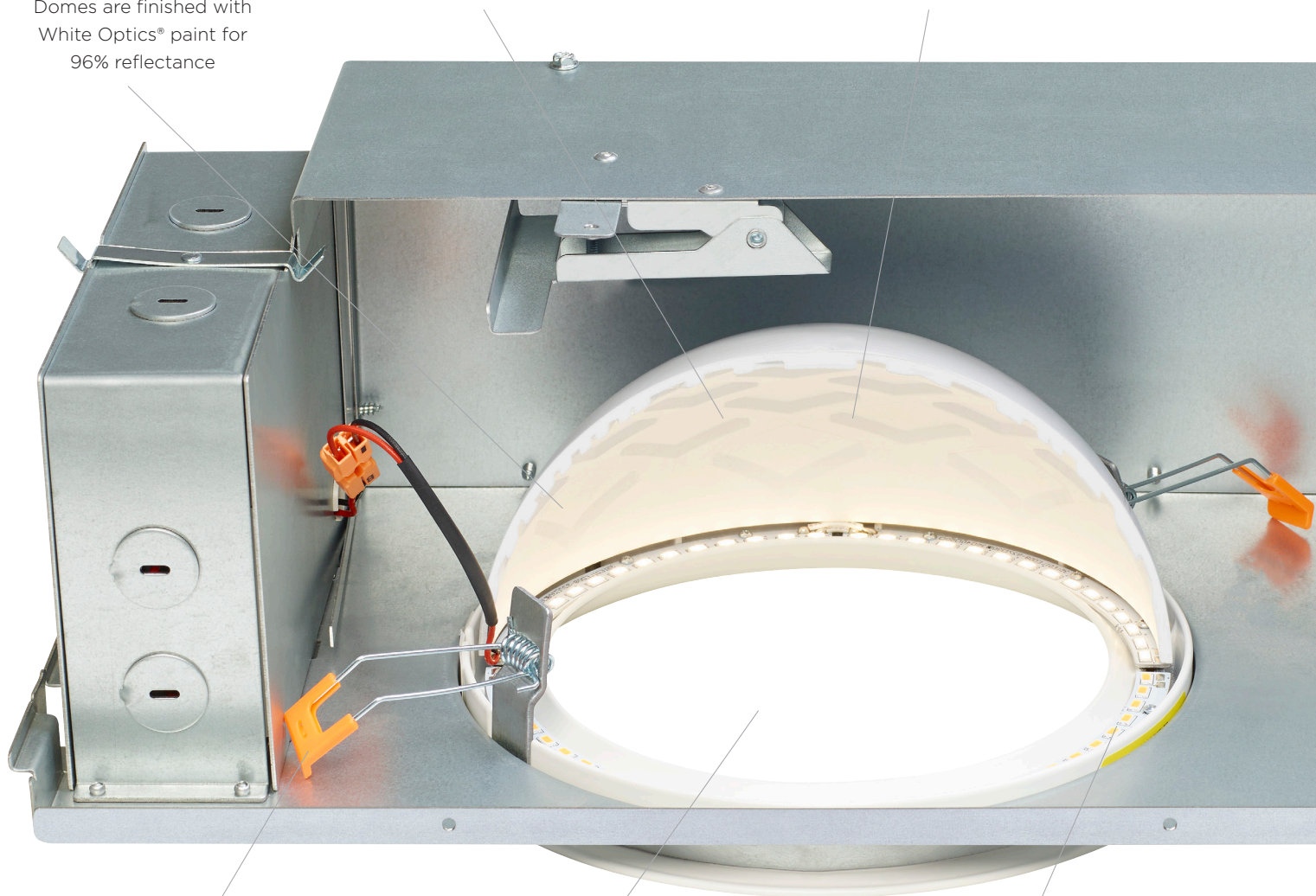
Beyond contributing to the overall architecture and design of a space, Reflections domes are essential components of the innovative, patent-pending engineering behind this line of recessed downlights. Reflections domes are recessed into the ceiling plane and act as reflectors to a completely hidden ring of upward-firing LEDs that deliver perfectly controlled indirect illumination. The play of light and shadow highlights the stylized dome designs while also reducing overall glare.



Domes are finished with White Optics® paint for 96% reflectance

Decorative dome acts as a reflector to upward-firing LEDs precisely positioned for minimized glare and maximum light output

Five distinct dome designs create decorative, architectural accents that are recessed into the ceiling for added interest and detail



Spring-mounted trim/domes allow easy access to J-Box and driver

Open aperture adds dimensionality to the ceiling plane

Replaceable LED Boards

# 6" RETROFIT

## Reflections



Reflections 6" Retrofit is a fully engineered solution that not only upgrades incandescent 6" recessed downlights to deliver efficient indirect LED illumination, but also transforms those pre-existing downlights at a fundamental aesthetic level. A choice of five distinctive domes, molded with embossed design details, accent architectural themes with beautiful and abundant glare-free LED general illumination while creating a soft ceiling glow. Additionally, Reflections is dimmable for enhanced mood setting options.



- Award-Winning, Patent-Pending Innovative Design
- Reduced-Glare, Indirect LED General Illumination
- Beveled, Rounded Trim Edges Smoothly and Seamlessly Integrate into Ceiling
- High Quality LM80-Tested Leds For Consistent Long-Life Performance and Color

### SPECIFICATIONS

DELIVERED LUMENS	684
WATTS	9
VOLTAGE	120V
DIMMING*	ELV, TRIAC (Down to 5%)
POWER SUPPLY	Constant current driver with +.9 power factor and +75% efficiency
LIGHT DISTRIBUTION	Lambertian
CCT	2700K, 3000K, 3500K, or Warm Color Dimming (3000K-2000K)
CRI	90+
CEILING APPEARANCE	Flanged
HOUSING*	IC rating dependent on existing housing
GENERAL LISTING	ETL listed, Damp listed
CALIFORNIA TITLE 24	Registered CEC Appliance Database. Can be used to comply with CEC 2016 Title 24 Part 6.
LED LIFETIME	L70; 50,000 Hours
WARRANTY*	5 Years

\*Visit ELEMENT-lighting.com for specific details.



### ORDERING GRIDS

PRODUCT SERIES	CEILING APPEARANCE	CRI/CCT	DOMES	DRIVER	FINISH
EDIF6R	RF RETROFIT FLANGED	927 90 CRI, 2700K 930 90 CRI, 3000K 935 90 CRI, 3500K WD 90 CRI, WARM DIM 3000K-2000K	1 SKYE 2 TORUS 3 BLOOM 4 FLEUR 5 DUNE	ELV/TRIAC - 120V ONLY	W WHITE

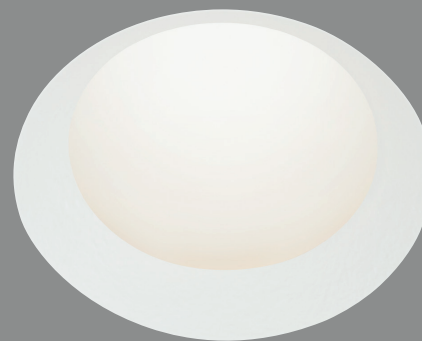
SEE ELEMENT-LIGHTING.COM FOR 6" HOUSING COMPATIBILITY.



Reflections 6" FLEUR (flanged Retrofit)

# SKYE

## Reflections



The SKYE dome transforms beautiful three-dimensional geometry for dramatic visual interest with the subtle play of light and shadow.

All Reflections domes also offer two ceiling appearance options: flanged for a more traditional ceiling appearance; or flangeless for a smooth, mudded-in ceiling appearance.

- Reduced Glare, indirect illumination (dimmable for enhanced mood-setting options)
- Three Aperture Options: 5", 8" and 12"
- Beveled, Rounded Trim Edges Smoothly and Seamlessly Integrate into Ceiling
- High Quality LM80-Tested Leds For Consistent Long-Life Performance and Color



## SPECIFICATIONS

	5"	8"	12"
DELIVERED LUMENS	684	1255	1989
WATTS	9	15	31
VOLTAGE	Universal 120V-277V		
DIMMING*	0-10V, ELV, TRIAC (Down to 5%); Lutron Hi-Lume Eco-system Fade-to-Black (Down to 0.1%); Lutron Hi-Lume 2-wire (Down to 1%); EldoLED 0-10V or Dali (Down to 0.1%)		
POWER SUPPLY	Constant current driver with +.9 power factor and +85% efficiency. Serviceable from below the ceiling.		
LIGHT DISTRIBUTION	Lambertian		
CCT	2700K, 3000K, 3500K, or Warm Color Dimming (3000K-2000K)		
CRI	90+		
CEILING APPEARANCE	Flanged (Trims accommodate a 1/2" to 1" ceiling thickness) or Flangeless		
HOUSING	IC Airtight or Chicago Plenum. IC suitable up to R60 spray foam insulation.		
GENERAL LISTING	ETL listed, Damp listed		
CALIFORNIA TITLE 24	Registered CEC Appliance Database. Can be used to comply with CEC 2016 Title 24 Part 6.		
LED LIFETIME	L70; 50,000 Hours		
WARRANTY**	5 Years		

\*See ELEMENT-lighting.com for dimmer compatibility.; \*\*Visit ELEMENT-lighting.com for specific warranty limitations and details.

## ORDERING GRIDS

### HOUSING

PRODUCT SERIES	HOUSING RATING	DRIVER
EDIH5R	I IC AIRTIGHT	ELV/TRIAC/0-10V UNV** (LEAVE BLANK)
EDIH8R	C CHICAGO	-ELD0 ELDOLED 0.1% 0-0V LINEAR UNV**
EDIH12R	P PLENUM	-ELD0A ELDOLED 0.1% 0-0V LOGARITHMIC UNV**
		-ELD1 ELDOLED 1% 0-0V LINEAR UNV**
		-ELD1A ELDOLED 1% 0-0V LOGARITHMIC UNV**
		-ELDD ELDOLED 0.1% DALI UNV**
		-HLECO HI-LUME ECO-SYSTEM FADE-TO-BLACK UNV**
		-HL2W HI-LUME 2-WIRE*

MUST ORDER LED DOME (SOLD SEPARATELY). \*HL2W = 120V INPUT VOLTAGE ONLY.; \*\*ALL DRIVERS EXCEPT LUTRON HL2W ARE UNV = 120V/277V INPUT VOLTAGE.

### TRIM/DOME

PRODUCT SERIES	CEILING APPEARANCE	CRI/CCT	DOME PATTERN	FINISH
EDIT5R	F FLANGED	927 90CRI, 2700K	1 SKYE	W WHITE
EDIT8R	L FLANGELESS	930 90CRI, 3000K		
EDIT12R		935 90CRI, 3500K		
		9WD 90CRI, WARM DIM 3000K-2000K		

### REMODEL

PRODUCT SERIES	CEILING APPEARANCE	CRI/CCT	DOME	HOUSING RATING	DIMMABLE DRIVER	FINISH
EDIM5R	RL REMODEL FLANGELESS	927 90 CRI, 2700K	1 SKYE	I IC	ELV/TRIAC/0-10V UNV**	W WHITE
EDIM8R	RF REMODEL FLANGED	930 90 CRI, 3000K			-ELD0 ELDOLED 0.1% 0-10V LINEAR UNV**	
EDIM12R		935 90 CRI, 3500K			-ELD0A ELDOLED 0.1% 0-10V LOGARITHMIC UNV**	
		WD 90 CRI, WARM DIM 3000K-2000K			-ELD1 ELDOLED 1% 0-10V LINEAR UNV**	
					-ELD1A ELDOLED 1% 0-10V LOGARITHMIC UNV**	
					-ELDD ELDOLED 0.1% DALI UNV**	
					-HLECO HI-LUME 0.1% ECO-SYSTEM FADE-TO-BLACK UNV**	
					-HL2W HI-LUME 1% 2 WIRE - 120V ONLY*	

\*HL2W - 120V INPUT VOLTAGE ONLY.; \*\*ALL DRIVERS EXCEPT LUTRON HL2W ARE UNV = 120V/277V INPUT VOLTAGE.



Corners: Reflections 5" SKYE (flangeless) | Center: Fett Line-voltage Pendants

# DUNE

## Reflections



The DUNE dome transforms beautiful three-dimensional geometry for dramatic visual interest with the subtle play of light and shadow.



All Reflections domes also offer two ceiling appearance options: flanged for a more traditional ceiling appearance; or flangeless for a smooth, mudded-in ceiling appearance.

- Reduced Glare, indirect illumination (dimnable for enhanced mood-setting options)
- Three Aperture Options: 5", 8" and 12"
- Beveled, Rounded Trim Edges Smoothly and Seamlessly Integrate into Ceiling
- High Quality LM80-Tested Leds For Consistent Long-Life Performance and Color



## SPECIFICATIONS

	5"	8"	12"
DELIVERED LUMENS	684	1255	1989
WATTS	9	15	31
VOLTAGE	Universal 120V-277V		
DIMMING*	0-10V, ELV, TRIAC (Down to 5%); Lutron Hi-Lume Eco-system Fade-to-Black (Down to 0.1%); Lutron Hi-Lume 2-wire (Down to 1%); EldoLED 0-10V or Dali (Down to 0.1%)		
POWER SUPPLY	Constant current driver with +.9 power factor and +85% efficiency. Serviceable from below the ceiling.		
LIGHT DISTRIBUTION	Lambertian		
CCT	2700K, 3000K, 3500K, or Warm Color Dimming (3000K-2000K)		
CRI	90+		
CEILING APPEARANCE	Flanged (Trims accommodate a 1/2" to 1" ceiling thickness) or Flangeless		
HOUSING	IC Airtight or Chicago Plenum. IC suitable up to R60 spray foam insulation.		
GENERAL LISTING	ETL listed, Damp listed		
CALIFORNIA TITLE 24	Registered CEC Appliance Database. Can be used to comply with CEC 2016 Title 24 Part 6.		
LED LIFETIME	L70; 50,000 Hours		
WARRANTY**	5 Years		

\*See ELEMENT-lighting.com for dimmer compatibility.; \*\*Visit ELEMENT-lighting.com for specific warranty limitations and details.

## ORDERING GRIDS

### HOUSING

PRODUCT SERIES	HOUSING RATING	DRIVER
EDIH5R	I IC AIRTIGHT	ELV/TRIAC/0-10V UNV** (LEAVE BLANK)
EDIH8R	C CHICAGO	-ELD0 ELDOLED 0.1% 0-0V LINEAR UNV**
EDIH12R	PLENUM	-ELD0A ELDOLED 0.1% 0-0V LOGARITHMIC UNV**
		-ELD1 ELDOLED 1% 0-0V LINEAR UNV**
		-ELD1A ELDOLED 1% 0-0V LOGARITHMIC UNV**
		-ELDD ELDOLED 0.1% DALI UNV**
		-HLECO HI-LUME ECO-SYSTEM FADE-TO-BLACK UNV**
		-HL2W HI-LUME 2-WIRE*

MUST ORDER LED DOME (SOLD SEPARATELY). \*HL2W = 120V INPUT VOLTAGE ONLY.; \*\*ALL DRIVERS EXCEPT LUTRON HL2W ARE UNV = 120V/277V INPUT VOLTAGE.

### TRIM/DOME

PRODUCT SERIES	CEILING APPEARANCE	CRI/CCT	DOME PATTERN	FINISH
EDIT5R	F FLANGED	927	90CRI, 2700K	5 DUNE
EDIT8R	L FLANGELESS	930	90CRI, 3000K	W WHITE
EDIT12R		935	90CRI, 3500K	
		9WD	90CRI, WARM DIM 3000K-2000K	

### REMODEL

PRODUCT SERIES	CEILING APPEARANCE	CRI/CCT	DOME	HOUSING RATING	DIMMABLE DRIVER	FINISH
EDIM5R	RL REMODEL FLANGELESS	927	90 CRI, 2700K	5 DUNE	I IC	W WHITE
EDIM8R	RF REMODEL FLANGED	930	90 CRI, 3000K		-ELD0 ELDOLED 0.1% 0-10V LINEAR UNV**	
EDIM12R		935	90 CRI, 3500K		-ELD0A ELDOLED 0.1% 0-10V LOGARITHMIC UNV**	
		WD	90 CRI, WARM DIM 3000K-2000K		-ELD1 ELDOLED 1% 0-10V LINEAR UNV**	
					-ELD1A ELDOLED 1% 0-10V LOGARITHMIC UNV**	
					-ELDD ELDOLED 0.1% DALI UNV**	
					-HLECO HI-LUME 0.1% ECO-SYSTEM FADE-TO-BLACK UNV**	
					-HL2W HI-LUME 1% 2 WIRE - 120V ONLY*	

\*HL2W - 120V INPUT VOLTAGE ONLY.; \*\*ALL DRIVERS EXCEPT LUTRON HL2W ARE UNV = 120V/277V INPUT VOLTAGE.



Soffit: Reflections 12" DUNE (flangeless) | Wall: Kisdon Wall Sconce

# FLEUR

## Reflections



The FLEUR dome transforms beautiful three-dimensional geometry for dramatic visual interest with the subtle play of light and shadow.

All Reflections domes also offer two ceiling appearance options: flanged for a more traditional ceiling appearance; or flangeless for a smooth, mudded-in ceiling appearance.

- Reduced Glare, indirect illumination (dimnable for enhanced mood-setting options)
- Three Aperture Options: 5", 8" and 12"
- Beveled, Rounded Trim Edges Smoothly and Seamlessly Integrate into Ceiling
- High Quality LM80-Tested Leds For Consistent Long-Life Performance and Color



## SPECIFICATIONS

	5"	8"	12"
DELIVERED LUMENS	684	1255	1989
WATTS	9	15	31
VOLTAGE	Universal 120V-277V		
DIMMING*	0-10V, ELV, TRIAC (Down to 5%); Lutron Hi-Lume Eco-system Fade-to-Black (Down to 0.1%); Lutron Hi-Lume 2-wire (Down to 1%); EldoLED 0-10V or Dali (Down to 0.1%)		
POWER SUPPLY	Constant current driver with +.9 power factor and +85% efficiency. Serviceable from below the ceiling.		
LIGHT DISTRIBUTION	Lambertian		
CCT	2700K, 3000K, 3500K, or Warm Color Dimming (3000K-2000K)		
CRI	90+		
CEILING APPEARANCE	Flanged (Trims accommodate a 1/2" to 1" ceiling thickness) or Flangeless		
HOUSING	IC Airtight or Chicago Plenum. IC suitable up to R60 spray foam insulation.		
GENERAL LISTING	ETL listed, Damp listed		
CALIFORNIA TITLE 24	Registered CEC Appliance Database. Can be used to comply with CEC 2016 Title 24 Part 6.		
LED LIFETIME	L70; 50,000 Hours		
WARRANTY**	5 Years		

\*See ELEMENT-lighting.com for dimmer compatibility.; \*\*Visit ELEMENT-lighting.com for specific warranty limitations and details.

## ORDERING GRIDS

### HOUSING

PRODUCT SERIES	HOUSING RATING	DRIVER
EDIH5R	I IC AIRTIGHT	ELV/TRIAC/0-10V UNV** (LEAVE BLANK)
EDIH8R	C CHICAGO	-ELD0 ELDOLED 0.1% 0-0V LINEAR UNV**
EDIH12R	P PLENUM	-ELD0A ELDOLED 0.1% 0-0V LOGARITHMIC UNV**
		-ELD1 ELDOLED 1% 0-0V LINEAR UNV**
		-ELD1A ELDOLED 1% 0-0V LOGARITHMIC UNV**
		-ELDD ELDOLED 0.1% DALI UNV**
		-HLECO HI-LUME ECO-SYSTEM FADE-TO-BLACK UNV**
		-HL2W HI-LUME 2-WIRE*

MUST ORDER LED DOME (SOLD SEPARATELY). \*HL2W = 120V INPUT VOLTAGE ONLY; \*\*ALL DRIVERS EXCEPT LUTRON HL2W ARE UNV = 120V/277V INPUT VOLTAGE.

### TRIM/DOME

PRODUCT SERIES	CEILING APPEARANCE	CRI/CCT	DOME PATTERN	FINISH
EDIT5R	F FLANGED	927	90CRI, 2700K	4 FLEUR W WHITE
EDIT8R	L FLANGELESS	930	90CRI, 3000K	
EDIT12R		935	90CRI, 3500K	
		9WD	90CRI, WARM DIM 3000K-2000K	

### REMODEL

PRODUCT SERIES	CEILING APPEARANCE	CRI/CCT	DOME	HOUSING RATING	DIMMABLE DRIVER	FINISH
EDIM5R	RL REMODEL FLANGELESS	927	90 CRI, 2700K	4 FLEUR I IC	ELV/TRIAC/0-10V UNV**	W WHITE
EDIM8R	RF REMODEL FLANGED	930	90 CRI, 3000K		-ELD0 ELDOLED 0.1% 0-10V LINEAR UNV**	
EDIM12R		935	90 CRI, 3500K		-ELD0A ELDOLED 0.1% 0-10V LOGARITHMIC UNV**	
		WD	90 CRI, WARM DIM 3000K-2000K		-ELD1 ELDOLED 1% 0-10V LINEAR UNV**	
					-ELD1A ELDOLED 1% 0-10V LOGARITHMIC UNV**	
					-ELDD ELDOLED 0.1% DALI UNV**	
					-HLECO HI-LUME 0.1% ECO-SYSTEM FADE-TO-BLACK UNV**	
					-HL2W HI-LUME 1% 2 WIRE - 120V ONLY*	

\*HL2W - 120V INPUT VOLTAGE ONLY.; \*\*ALL DRIVERS EXCEPT LUTRON HL2W ARE UNV = 120V/277V INPUT VOLTAGE.



Reflections 5" FLEUR (flanged)

# BLOOM

## Reflections



The BLOOM dome transforms beautiful three-dimensional geometry for dramatic visual interest with the subtle play of light and shadow.

All Reflections domes also offer two ceiling appearance options: flanged for a more traditional ceiling appearance; or flangeless for a smooth, mudded-in ceiling appearance.

- Reduced Glare, indirect illumination (dimmable for enhanced mood-setting options)
- Three Aperture Options: 5", 8" and 12"
- Beveled, Rounded Trim Edges Smoothly and Seamlessly Integrate into Ceiling
- High Quality LM80-Tested Leds For Consistent Long-Life Performance and Color



## SPECIFICATIONS

	5"	8"	12"
DELIVERED LUMENS	684	1255	1989
WATTS	9	15	31
VOLTAGE	Universal 120V-277V		
DIMMING*	0-10V, ELV, TRIAC (Down to 5%); Lutron Hi-Lume Eco-system Fade-to-Black (Down to 0.1%); Lutron Hi-Lume 2-wire (Down to 1%); EldoLED 0-10V or Dali (Down to 0.1%)		
POWER SUPPLY	Constant current driver with +.9 power factor and +85% efficiency. Serviceable from below the ceiling.		
LIGHT DISTRIBUTION	Lambertian		
CCT	2700K, 3000K, 3500K, or Warm Color Dimming (3000K-2000K)		
CRI	90+		
CEILING APPEARANCE	Flanged (Trims accommodate a 1/2" to 1" ceiling thickness) or Flangeless		
HOUSING	IC Airtight or Chicago Plenum. IC suitable up to R60 spray foam insulation.		
GENERAL LISTING	ETL listed, Damp listed		
CALIFORNIA TITLE 24	Registered CEC Appliance Database. Can be used to comply with CEC 2016 Title 24 Part 6.		
LED LIFETIME	L70; 50,000 Hours		
WARRANTY**	5 Years		

\*See ELEMENT-lighting.com for dimmer compatibility.; \*\*Visit ELEMENT-lighting.com for specific warranty limitations and details.

## ORDERING GRIDS

### HOUSING

PRODUCT SERIES	HOUSING RATING	DRIVER
EDIH5R	I IC AIRTIGHT	ELV/TRIAC/0-10V UNV** (LEAVE BLANK)
EDIH8R	C CHICAGO PLENUM	-ELD0 ELDOLED 0.1% 0-0V LINEAR UNV**
EDIH12R		-ELD0A ELDOLED 0.1% 0-0V LOGARITHMIC UNV**
		-ELD1 ELDOLED 1% 0-0V LINEAR UNV**
		-ELD1A ELDOLED 1% 0-0V LOGARITHMIC UNV**
		-ELDD ELDOLED 0.1% DALI UNV**
		-HLECO HI-LUME ECO-SYSTEM FADE-TO-BLACK UNV**
		-HL2W HI-LUME 2-WIRE*

MUST ORDER LED DOME (SOLD SEPARATELY). \*HL2W = 120V INPUT VOLTAGE ONLY.; \*\*ALL DRIVERS EXCEPT LUTRON HL2W ARE UNV = 120V/277V INPUT VOLTAGE.

### TRIM/DOME

PRODUCT SERIES	CEILING APPEARANCE	CRI/CCT	DOME PATTERN	FINISH
EDIT5R	F FLANGED	927 90CRI, 2700K	3 BLOOM	W WHITE
EDIT8R	L FLANGELESS	930 90CRI, 3000K		
EDIT12R		935 90CRI, 3500K		
		9WD 90CRI, WARM DIM 3000K-2000K		

### REMODEL

PRODUCT SERIES	CEILING APPEARANCE	CRI/CCT	DOME	HOUSING RATING	DIMMABLE DRIVER	FINISH
EDIM5R	RL REMODEL FLANGELESS	927 90 CRI, 2700K	3 BLOOM	I IC	ELV/TRIAC/0-10V UNV**	W WHITE
EDIM8R		930 90 CRI, 3000K			-ELD0 ELDOLED 0.1% 0-10V LINEAR UNV**	
EDIM12R	RF REMODEL FLANGED	935 90 CRI, 3500K			-ELD0A ELDOLED 0.1% 0-10V LOGARITHMIC UNV**	
		WD 90 CRI, WARM DIM 3000K-2000K			-ELD1 ELDOLED 1% 0-10V LINEAR UNV**	
					-ELD1A ELDOLED 1% 0-10V LOGARITHMIC UNV**	
					-ELDD ELDOLED 0.1% DALI UNV**	
					-HLECO HI-LUME 0.1% ECO-SYSTEM FADE-TO-BLACK UNV**	
					-HL2W HI-LUME 1% 2 WIRE - 120V ONLY*	

\*HL2W - 120V INPUT VOLTAGE ONLY.; \*\*ALL DRIVERS EXCEPT LUTRON HL2W ARE UNV = 120V/277V INPUT VOLTAGE.



Ceiling: Reflections 8" BLOOM (flanged) | Island: Prescott Line-voltage Pendants  
Table: Lexington Line-voltage Pendant

# TORUS

## Reflections



The TORUS dome transforms beautiful three-dimensional geometry for dramatic visual interest with the subtle play of light and shadow.



All Reflections domes also offer two ceiling appearance options: flanged for a more traditional ceiling appearance; or flangeless for a smooth, mudded-in ceiling appearance.

- Reduced Glare, indirect illumination (dimnable for enhanced mood-setting options)
- Three Aperture Options: 5", 8" and 12"
- Beveled, Rounded Trim Edges Smoothly and Seamlessly Integrate into Ceiling
- High Quality LM80-Tested Leds For Consistent Long-Life Performance and Color



### SPECIFICATIONS

	5"	8"	12"
DELIVERED LUMENS	684	1255	1989
WATTS	9	15	31
VOLTAGE	Universal 120V-277V		
DIMMING*	0-10V, ELV, TRIAC (Down to 5%); Lutron Hi-Lume Eco-system Fade-to-Black (Down to 0.1%); Lutron Hi-Lume 2-wire (Down to 1%); EldoLED 0-10V or Dali (Down to 0.1%)		
POWER SUPPLY	Constant current driver with +.9 power factor and +85% efficiency. Serviceable from below the ceiling.		
LIGHT DISTRIBUTION	Lambertian		
CCT	2700K, 3000K, 3500K, or Warm Color Dimming (3000K-2000K)		
CRI	90+		
CEILING APPEARANCE	Flanged (Trims accommodate a 1/2" to 1" ceiling thickness) or Flangeless		
HOUSING	IC Airtight or Chicago Plenum. IC suitable up to R60 spray foam insulation.		
GENERAL LISTING	ETL listed, Damp listed		
CALIFORNIA TITLE 24	Registered CEC Appliance Database. Can be used to comply with CEC 2016 Title 24 Part 6.		
LED LIFETIME	L70; 50,000 Hours		
WARRANTY**	5 Years		

\*See ELEMENT-lighting.com for dimmer compatibility.; \*\*Visit ELEMENT-lighting.com for specific warranty limitations and details.

### ORDERING GRIDS

#### HOUSING

PRODUCT SERIES	HOUSING RATING	DRIVER
EDIH5R	I IC AIRTIGHT	ELV/TRIAC/0-10V UNV** (LEAVE BLANK)
EDIH8R	C CHICAGO	-ELD0 ELDOLED 0.1% 0-0V LINEAR UNV**
EDIH12R	PLENUM	-ELD0A ELDOLED 0.1% 0-0V LOGARITHMIC UNV**
		-ELD1 ELDOLED 1% 0-0V LINEAR UNV**
		-ELD1A ELDOLED 1% 0-0V LOGARITHMIC UNV**
		-ELDD ELDOLED 0.1% DALI UNV**
		-HLECO HI-LUME ECO-SYSTEM FADE-TO-BLACK UNV**
		-HL2W HI-LUME 2-WIRE*

MUST ORDER LED DOME (SOLD SEPARATELY). \*HL2W = 120V INPUT VOLTAGE ONLY; \*\*ALL DRIVERS EXCEPT LUTRON HL2W ARE UNV = 120V/277V INPUT VOLTAGE.

#### TRIM/DOME

PRODUCT SERIES	CEILING APPEARANCE	CRI/CCT	DOME PATTERN	FINISH
EDIT5R	F FLANGED	927 90CRI, 2700K	2 TORUS	W WHITE
EDIT8R	L FLANGELESS	930 90CRI, 3000K		
EDIT12R		935 90CRI, 3500K		
		9WD 90CRI, WARM DIM 3000K-2000K		

#### REMODEL

PRODUCT SERIES	CEILING APPEARANCE	CRI/CCT	DOME	HOUSING RATING	DIMMABLE DRIVER	FINISH
EDIM5R	RL REMODEL FLANGELESS	927 90 CRI, 2700K	2 TORUS	I IC	ELV/TRIAC/0-10V UNV**	W WHITE
EDIM8R	RF REMODEL FLANGED	930 90 CRI, 3000K			-ELD0 ELDOLED 0.1% 0-10V LINEAR UNV**	
EDIM12R		935 90 CRI, 3500K			-ELD0A ELDOLED 0.1% 0-10V LOGARITHMIC UNV**	
		WD 90 CRI, WARM DIM 3000K-2000K			-ELD1 ELDOLED 1% 0-10V LINEAR UNV**	
					-ELD1A ELDOLED 1% 0-10V LOGARITHMIC UNV**	
					-ELDD ELDOLED 0.1% DALI UNV**	
					-HLECO HI-LUME 0.1% ECO-SYSTEM FADE-TO-BLACK UNV**	
					-HL2W HI-LUME 1% 2 WIRE - 120V ONLY*	

\*HL2W - 120V INPUT VOLTAGE ONLY.; \*\*ALL DRIVERS EXCEPT LUTRON HL2W ARE UNV = 120V/277V INPUT VOLTAGE.



Left: Reflections 12" TORUS (flanged) | Wall: Rae Bath Bar  
Bathtub: 3" LED Downlights (round/flangeless/bevel/white) | Center: Fiana Chandelier

# MERGE™

## LINEAR LED SYSTEMS

MERGE represents the revolutionary marriage of a low-voltage track lighting system to a general illumination linear LED system. Whether being used to highlight architectural elements or deliver well-controlled general illumination, MERGE creates recessed, suspended, or flush mount lines of uniform, glare-free LED light while offering stunning design flexibility.



Center: MERGE Recessed Linear Channels with Recessed Wall-to-Ceiling Connectors (flangeless) featuring MERGE Gimbal Spot Heads  
Sides: 1x3 Multiples (open/flangeless/black)



## Features

P. 158



### Recessed Linear Channels & Connectors

1.5: P. 166  
3.0: P. 182



### Suspended Linear Channels & Connectors

1.5: P. 170  
3.0: P. 186



### Flush Mount Linear Channels & Connectors

1.5: P. 172  
3.0: P. 188



### Recessed Linear Track & Connectors

1.5: P. 176  
3.0: P. 192



### Spot Heads Gimbal & Drop-Down

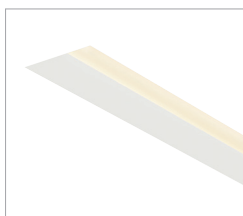
1.5: P. 180  
3.0: P. 196

# INTRODUCING MERGE™ 1.5

The new MERGE 1.5 offers an ultra-slim (1.5" aperture) general illumination linear LED system with the same low-voltage track capabilities as the original MERGE 3.0 (3" aperture). Well-suited to architectural/commercial spaces, the MERGE 1.5 (optimized for 2x4 construction) also fits the needs of more specialized environments with lower ceilings, narrow passageways, or residential environments. Using the same patented design as the MERGE 3.0 linear system, MERGE 1.5 delivers beautiful lines of uniform, glare-free LED light.

Dedicated MERGE 1.5 spot heads and MERGE 1.5 FreeJack connector (for use with any Tech Lighting low-voltage pendants or heads) can be placed directly into the channel at any point along its concealed low-voltage track system for simultaneous accent or task illumination. Spot heads or pendants are controlled completely separately from the linear channel for separate dimming or on/off control of either the channel or the heads.

MERGE 1.5 recessed linear channels can also be designed to make same-plane 90° turns or, using recessed channels, make perpendicular transitions from ceiling-to-wall for enhanced architectural interest. MERGE 1.5 is available as a recessed linear system (in drywall or T-Grid ceilings); suspended with uplight; and as a flush mount system.



RECESSED CHANNEL



SUSPENDED CHANNEL



FLUSH MOUNT CHANNEL



RECESSED TRACK



Merge 1.5 Suspended Linear Channels with up light



Merge 1.5 Flush Mount Linear Channels featuring Capra Pendants



MERGE 1.5 Recessed Linear Channel with 90° "L" Turn Connector (flangeless)  
featuring MERGE Capsule Spots and Modernrail Chandelier 1



**MERGE 3.0** Recessed Linear Channels with 90° "L" Turn Connector (Flangeless)  
Architect and Interior Designer: Perkins+Will  
Photography: Mark Herboth Photography LLC



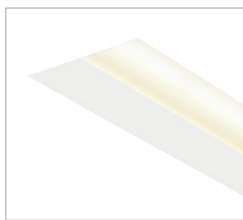
**MERGE 3.0** Suspended Linear Channels with Uplight

## RECESSED LINEAR CHANNELS

MERGE 1.5 and MERGE 3.0 recessed linear LED channels are available in 4', 6' and 8' gangable lengths for flanged, flangeless, or lay-in installation. Flangeless versions include aluminum plaster plates for a mudded in look and all linear components feature a beveled aperture to integrate seamlessly with architecture for sleek ceiling to fixture transitions. Open aperture allows for optimized efficiency with an indirect light source. Custom lengths are available as special order.



FLANGED



FLANGELESS



LAY-IN (T-GRID)

## SUSPENDED LINEAR CHANNELS

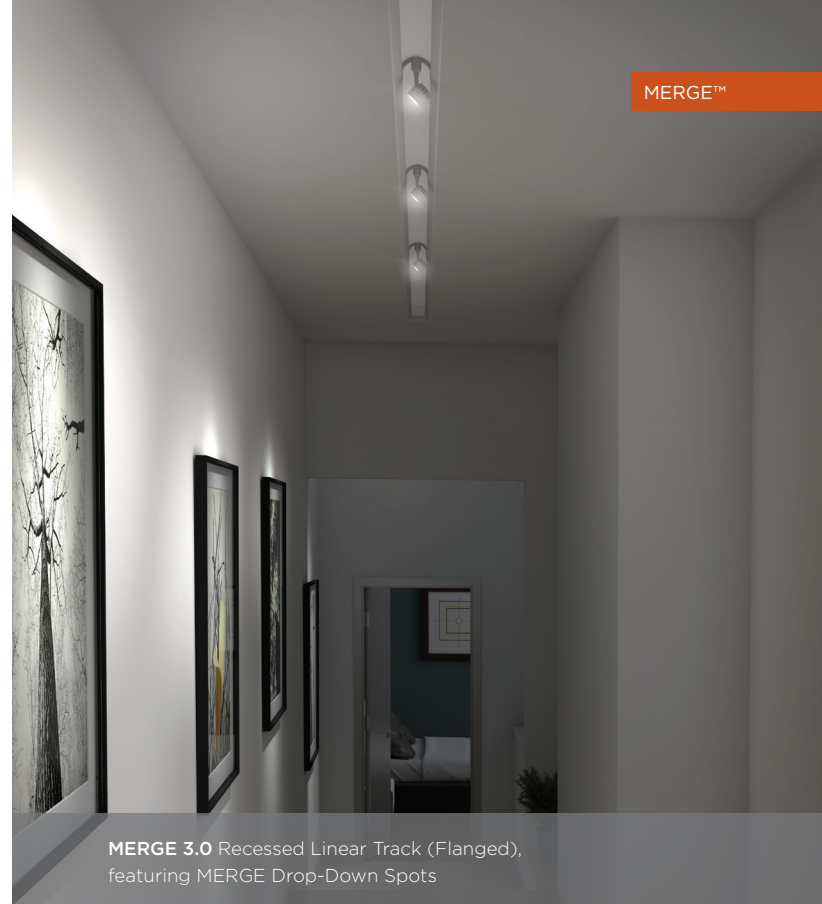
The MERGE 1.5 and MERGE 3.0 suspended linear system incorporates reflected indirect downlight, independent uplight, and a low-voltage track; all in one system with independent control and outputs for optimal illumination and power conservation. MERGE Suspended can be configured in 4', 6' and 8' gangable lengths. A 90° "L" connector is also available for illuminated same plane turns all from a single feed.



UPLIGHT SHOWN



**MERGE 1.5** Flush Mount Linear Channels, featuring MERGE Capsule Spots and CAPTRA Pendants

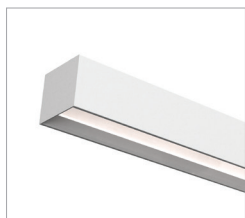


MERGE™

**MERGE 3.0** Recessed Linear Track (Flanged), featuring MERGE Drop-Down Spots

## FLUSH MOUNT LINEAR CHANNELS

The MERGE 1.5 and MERGE 3.0 flush mount linear system incorporates reflected indirect downlight and a low-voltage track; all in one system with independent control of the linear channel and track system. MERGE Flush Mount can be configured in 4', 6' and 8' gangable lengths. A 90° "L" connector is also available for illuminated same plane turns all from a single feed.

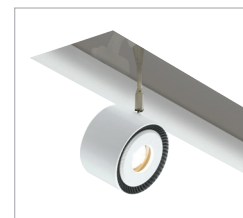


## RECESSED LINEAR TRACK

MERGE 1.5 and MERGE 3.0 recessed track channels (non-illuminated) are available in 4', 6' and 8' gangable lengths with a number of connector options for flanged, flangeless, or lay-in installation. MERGE spot heads or Tech Lighting pendants and heads are placed directly into the channel at any point along its concealed low-voltage bus system. Flangeless versions include aluminum plaster plates for a mudded in look that integrate seamlessly into a ceiling. Custom lengths are available as special order.



FLANGED



FLANGELESS



LAY-IN (T-GRID)

# LINEAR CHANNEL DESIGN

- Glare-free, continuous 1.5-inch or 3-inch wide channel of indirect LED illumination
- 4ft, 6ft and 8ft gangable lengths with "L" and wall-to-ceiling connectors (recessed only), custom lengths also available
- Recessed, suspended, or flush mount
- Static White and Warm Color Dimming (MERGE 1.5, 3000K-2000K)
- MERGE 3.0 Programmable White or RGB (recessed only)
- Beveled aperture integrates seamlessly with architecture for sleek ceiling to fixture transition
- Available flanged, flangeless in drywall, or lay-in (T-Grid) installation, suspended or flush mount
- MERGE 1.5 recessed linear channels are optimized for use in 2"x 4" construction
- MERGE 3.0 recessed linear channels are optimized for use in 2"x 6" construction

MERGE can make 90° turns in the same plane or transitions from ceiling to wall for enhanced visual interest.

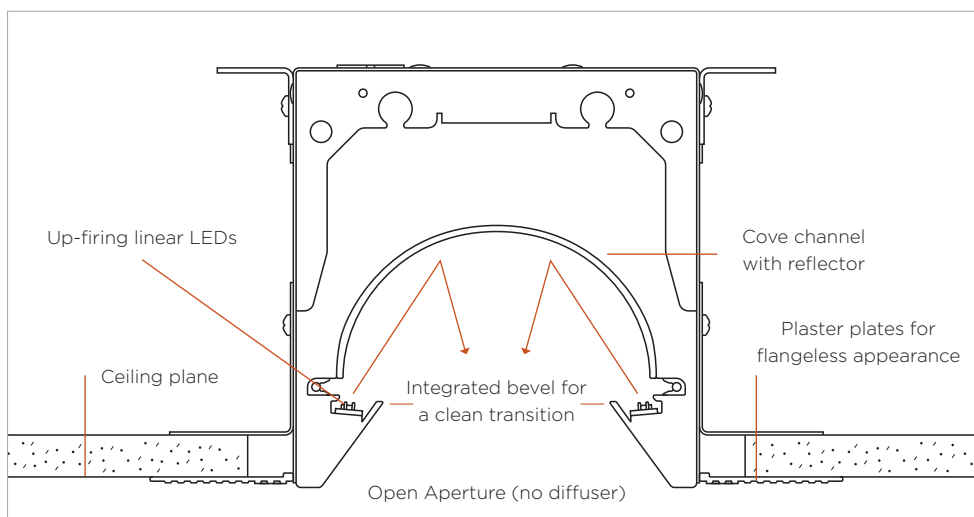
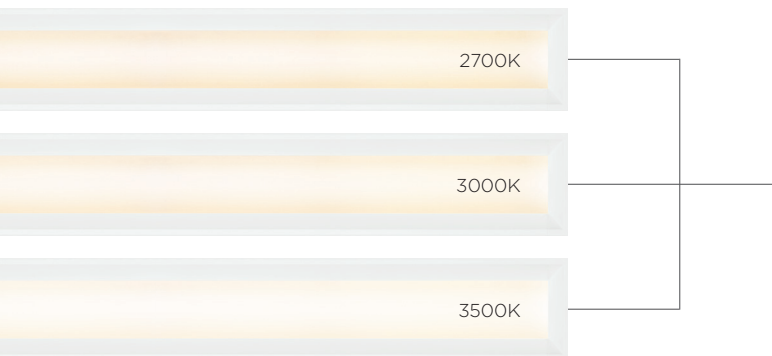


Wall-to-Ceiling  
Transition  
(Recessed only)

90° Turns

## SEVERAL CCT/COLOR OPTIONS AVAILABLE TO MEET DESIGN NEEDS:

- Static White (2700K, 3000K, 3500K)
- Warm Color Dimming (MERGE 1.5, 3000K-2000K)
- Programmable White (MERGE 3.0, 2700K-4000K)
- RGB Mixed Colors (MERGE 3.0 recessed only)
- Additional CCTs available as custom



# SPOT HEAD & PENDANT DESIGN

- Three dedicated MERGE spot head options: Gimbal (3.0), Drop-Down (1.5 and 3.0), and Capsule (1.5)
- FreeJack connector allows the use of any Tech Lighting 12V low-voltage head or pendant
- MERGE Spots have multiple CRI, color temperature and beam spread options
- Twist-and-lock design allows LED adjustable spot heads to be placed anywhere along the patented low-voltage bus channel

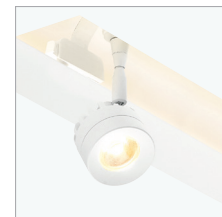
MERGE  
Drop-down



MERGE 1.5  
Capsule



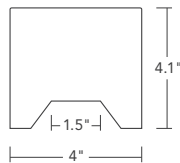
MERGE 3.0  
Gimbal



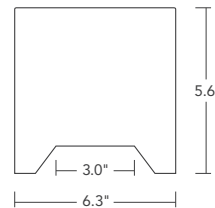
MERGE 1.5/3.0  
Drop-Down



Tech Lighting  
ISO Low-voltage Head with  
FreeJack Connector (over  
25 head options)



MERGE 1.5  
Aperture

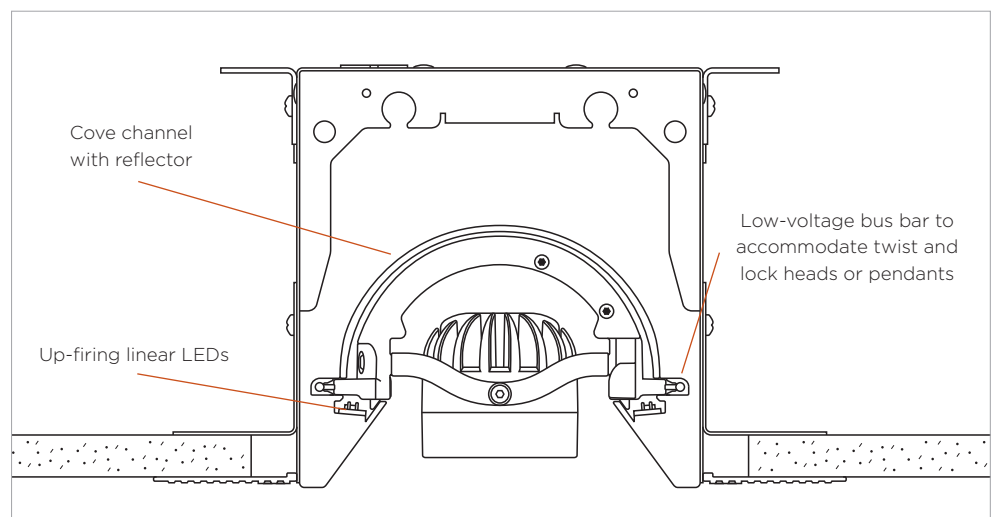


MERGE 3.0  
Aperture



**PIPER** Low-voltage Pendant  
with FreeJack Connector  
(over 80 pendant options),  
visit [techlighting.com](http://techlighting.com)  
for complete offering

Utilizing the patented concealed low-voltage bus system enables users to use MERGE integrated spot heads or the MERGE FreeJack connector and any Tech Lighting low-voltage head or pendant.





MERGE 1.5 Recessed Linear Channel (flanged) featuring MERGE Capsule Drop-Down Spot Heads



Left: MERGE 3.0 Recessed Linear Channels (flangeless) featuring MERGE Gimbal Spot Heads  
Right: MERGE 3.0 Suspended Linear Channels with up light

# 1.5

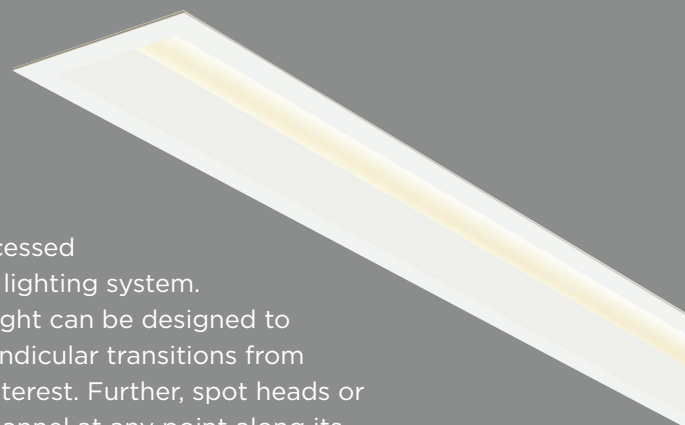
## MERGE™ Recessed Linear Channels Flanged, Flange- less & Lay-in



- Low Profile Design for Use in 2X4 Construction
- 3-Step or Better Color Binning
- Internal Reflector Finished with High-Reflectance Matte, White Paint for Even Light Distribution & Optimal Efficiency
- IC Airtight Rated (EM Housing Non-IC)
- Must Order 44" 4L-Fixture for any Lay-In Run Lengths

### Optional:

- EM: integrated emergency battery back-up to provide illumination when main power is lost. EM battery is integrated in the MERGE linear channel housing and provides 90 minutes of egress illumination. Each EM fixture ships with a test switch/indicator light
- 4', 6', & 8' EM linear channel: 1018 total lumens (illuminates 4' section of the 8' channel)



MERGE 1.5 represents the marriage of a recessed linear LED system with a low-voltage track lighting system. Recessed lines of uniform, glare-free LED light can be designed to make 90° turns in the same plane or perpendicular transitions from ceiling to wall for enhanced architectural interest. Further, spot heads or pendants can be added directly into the channel at any point along its concealed low-voltage bus system for simultaneous accent or task illumination.

## SPECIFICATIONS

	HIGH OUTPUT	STANDARD OUTPUT
DELIVERED LUMENS	650 lms/ft	450 lms/ft
WATTS	12 watts/ft	7 watts/ft
EFFICACY	54 l/w (80CRI, 3500K)	64 l/w (80CRI, 3500K)
CRI	80+, 90+	
CCT OPTIONS	2700K, 3000K, 3500K or Warm Color Dimming (3000K-2000K)	
COLOR CONSISTENCY	3-Step	
VOLTAGE	120V or 277V (Concealed 10 gauge, low-voltage bus bar, order 12-volt remote transformer sold separately)	
DIMMING	ELV/0-10V (Down to 5%) Lutron Hi-Lume Ecosystem Fade-To-Black or PWM (Down to 1%) eldoLED 0-10V (Down to 0.1%)	
TRANSITIONS	Optional Illuminated 90° horizontal turns (same plane) or 90° ceiling-to-wall transitions	
CEILING APPEARANCE	Flanged (field paintable), with 4.8" width overlapping ceiling cutout Flangeless, Lay-in	
CEILING APERTURE	1.5" beveled aperture	
HOUSING	IC Airtight available in 4', 6' and 8'. IC suitable up to R60 spray foam insulation (Consult factory for Chicago Plenum). EM units available Non-IC only.	
POWER SUPPLY**	Constant Current (Each linear channel includes a self-contained ELV, 0-10V, Lutron Hi-Lume 2 Wire PWM (120V only) or Lutron Hi-Lume, Eco System Fade-to-Black Driver, 0-10V 1%, 0-10V 0.1%)	
CONSTRUCTION	Housing: 20 gauge sheet metal Extrusion: Aluminum	
FINISH	White Powder Coat	
GENERAL LISTING	ETL	
CALIFORNIA TITLE 24	Registered CEC Appliance Database. Can be used to comply with CEC 2016 Title 24 Part 6 (Static White, 90 CRI versions).	
LED LIFETIME	L70; 50,000 hours	
WARRANTY*	5 years	

\*Visit ELEMENT-lighting.com for specific warranty limitations and details.

\*\*Consult Quotes Department for additional driver options.

Notes: Typical max run length is 80' for the channel; typical max run length is 40' for the low-voltage bus which can be powered from both sides for a total of 80'; system wattage will impact max run length

## FLANGED



FLANGED	LENGTH (A)
4'	INDIVIDUAL 48"
6'	INDIVIDUAL 72"
8'	INDIVIDUAL 96"

## FLANGELESS



FLANGELESS	LENGTH (A)
4'	INDIVIDUAL 48"
6'	INDIVIDUAL 72"
8'	INDIVIDUAL 96"

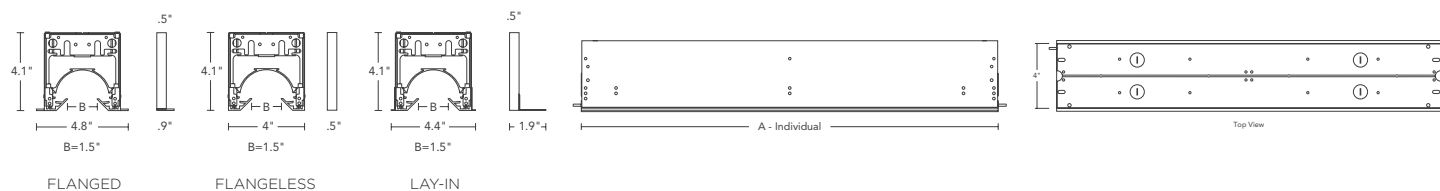
## LAY-IN (T-GRID)



LAY-IN (T-GRID)	LENGTH (A)
4'	INDIVIDUAL 48"
6'	INDIVIDUAL 72"
8'	INDIVIDUAL 96"
4L	Fixture* 44"

\*Must purchase lay-in finishing kit. Includes 2 T-Grid plates. 4' minimum run length for lay-in installations. Must order 44" 4L-Fixture for any other total lay-in run lengths.

## DIMENSIONS (SEE CHARTS ABOVE)



## ORDERING GRIDS

### RECESSED LINEAR CHANNELS

SYSTEM	NOMINAL LENGTH	CEILING APPEARANCE	OUTPUT	CRI/CCT	FINISH	HOUSING	CONTROLS	OPTIONAL
RLS1	4 4 FT	RF RECESSED FLANGED	H HIGH OUTPUT, 650 LMS/FT	835 80 CRI, 3500K	W MATTE WHITE	I IC (ALL EXCEPT EM) N NON-IC (EM ONLY)	ELV0 ELV / 0-10V DIMMING UNV*	EM LEAVE BLANK IF NO DESIRED OPTIONS 120V EMERGENCY BATTERY BACK-UP W/ REMOTE TEST SWITCH (NON-IC ONLY)* EM2 277V EMERGENCY BATTERY BACK-UP W/ REMOTE TEST SWITCH (NON-IC ONLY)*
	6 6 FT	RL RECESSED FLANGELESS	S STANDARD OUTPUT, 450 LMS/FT	927 90 CRI, 2700K			ELD0 ELDOLED 0.1% 0-10V LINEAR UNV*	
	8 8 FT			930 90 CRI, 3000K			ELD0A ELDOLED 0.1% 0-10V LOGARITHMIC UNV*	
	4L 4 FT(44" LAY-IN ONLY)*	L1 LAY-IN (T-GRID)*		935 90 CRI, 3500K			ELD1 ELDOLED 1% 0-10V LINEAR UNV*	
				9WD 90 CRI, WARM DIM, 3000-1800K			ELD1A ELDOLED 1% 0-10V LOGARITHMIC UNV*	
							HL2W LUTRON HI-LUME 1% 2 WIRE/PWM*	
							HLECO LUTRON HI-LUME 0.1% ECO-SYSTEM FADE-TO-BLACK UNV*	

\*ALL LAY-IN (T-GRID) RUNS MUST INCLUDE ONLY ONE '4L' REGARDLESS OF THE RUN LENGTH, UNLESS LINEAR RUN IS BOUNDED BY L-CONNECTORS ON BOTH ENDS.

\*\*HL2W – TWO WIRE LOW-VOLTAGE ELECTRONIC DIMMING, 120 VOLT ONLY.

†UNV = 120V/277V INPUT VOLTAGE.

‡EM OPTION ONLY AVAILABLE ON STATIC WHITE (NO WARM DIM).

### FINISHING KIT

SYSTEM	TYPE	STYLE	CEILING APPEARANCE	FINISH
RLS1	FK FINISHING KIT	1 CLOSED ENDCAP	L1 LAY-IN (T-GRID) RF RECESSED FLANGED RL RECESSED FLANGELESS	W MATTE WHITE

INCLUDES 2 ENDCAPS AND ALL NECESSARY MOUNTING HARDWARE.

### TRANSFORMERS\* (ORDERED SEPARATELY, WHEN POWERING LOW-VOLTAGE TRACK)

ITEM	DESCRIPTION	DIMMING
700AT060EL	ELECTRONIC, 60W, 120V	ELV
700AT152EL	ELECTRONIC, 150W, 120V	ELV
700AT152ELD010	ELECTRONIC, 150W, 120V	0-10V
700AT150T	MAGNETIC, 150W, 120V	MAGNETIC
700AT150T277	MAGNETIC, 150W, 277V	MAGNETIC
700AT302EL	ELECTRONIC, 300W, 120V	ELV
700AT300T	MAGNETIC, 300W, 120V	MAGNETIC
700AT300T277	MAGNETIC, 300W, 277V	MAGNETIC

DO NOT LOAD TRANSFORMER ABOVE 70% OF RATED LOAD DUE TO IN-RUSH CURRENT. \*CONSULT SPEC SHEETS FOR DIMENSIONS.

### FLANGED WALL MOUNT PARTS KIT

SYSTEM	TYPE
RLS1	RFWK RECESSED FLANGED WALL KIT*

\*FOR USE WITH UNITS BEING MOUNTED IN WALL, 3 NEEDED FOR 4FT WALL RUN, 5 NEEDED FOR 6FT AND 8FT WALL RUN.

# 1.5

## MERGE™ Recessed Connectors 90° "L" Connector & Wall-to-Ceiling



- Optional Illuminated 90° Horizontal (same plane) Transitions (not available in Lay-In)
- Low Profile Design for Use in 2X4 Construction
- Dual Sided Illumination for Even Light Along the Channel
- 3-Step or Better Color Binning
- Internal Reflector Finished with High-Reflectance Matte White Paint for Even Light Distribution & Optimal Efficiency
- Seamlessly Makes Wall-To-Ceiling Transitions for Enhanced Design

The continuous line aesthetic created by the MERGE system is enhanced using either a specifically engineered 90° turn connector or wall-to-ceiling connector. Lines of LED light can be designed to seamlessly make 90° same-plane turns or transition from ceiling to wall for enhanced design interest while also allowing the option to add spot heads for accent and task lighting, all without adding more light fixtures to the space.

### SPECIFICATIONS

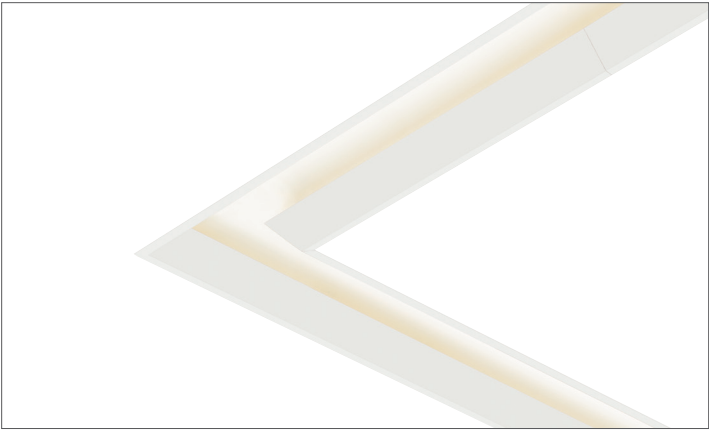
	HIGH OUTPUT	STANDARD OUTPUT
DELIVERED LUMENS	650 lms/ft	450 lms/ft
WATTS	12 watts/ft	7 watts/ft
EFFICACY	54 l/w (80CRI, 3500K)	64 l/w (80CRI, 3500K)
CRI	80+, 90+	
CCT OPTIONS	2700K, 3000K, 3500K or Warm Color Dimming (3000K-2000K)	
COLOR CONSISTENCY	3-Step	
VOLTAGE	120V or 277V (Concealed 10 gauge, low-voltage bus bar, order 12-volt remote transformer sold separately)	
DIMMING	ELV/0-10V (Down to 5%) Lutron Hi-Lume Ecosystem Fade-To-Black or PWM (Down to 1%) eldoLED 0-10V (Down to 0.1%)	
CEILING APPEARANCE	Flanged: field paintable, with 4.8" width overlapping ceiling cutout. Flangeless Lay-In: T-Grid optimized for 9/16" or 15/16"	
CEILING APERTURE	1.5" beveled aperture	
HOUSING	IC Airtight. IC suitable up to R60 spray foam insulation (Consult factory for Chicago Plenum).	
POWER SUPPLY**	Constant Current (Each linear channel includes a self-contained ELV, 0-10V, Lutron Hi-Lume 2 Wire PWM (120V only) or Lutron Hi-Lume, Eco System Fade-to-Black Driver, 0-10V 1%, 0-10V 0.1%)	
CONSTRUCTION	Housing: 20 gauge sheet metal Extrusion: Aluminum	
HARDWARE	Steel	
FINISH	White Powder Coat	
GENERAL LISTING	ETL	
CALIFORNIA TITLE 24	Registered CEC Appliance Database. Can be used to comply with CEC 2016 Title 24 Part 6 (Static White, 90 CRI versions).	
LED LIFETIME	L70; 50,000 hours	
WARRANTY*	5 years	

\*Visit ELEMENT-lighting.com for specific warranty limitations and details.

\*\*Consult Quotes Department for additional driver options.

Max run length is 80' for the channel; typical max run length is 40' for the low-voltage bus which can be powered from both sides for a total of 80'; system wattage will impact max run length

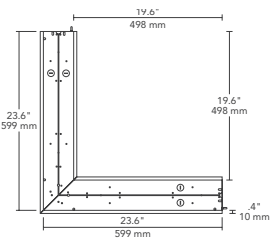
90° “L” TURN (FLANGED)



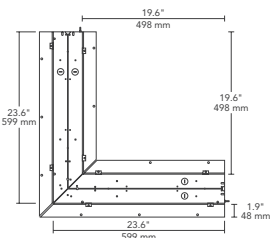
WALL-TO-CEILING (FLANGELESS)



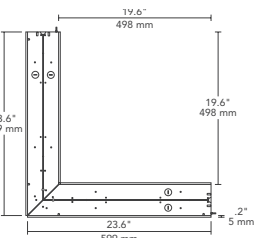
DIMENSIONS



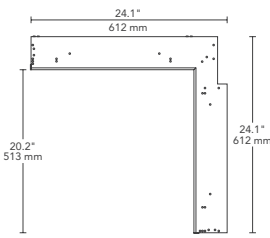
FLANGED 90° L  
CONNECTOR (TOP VIEW)



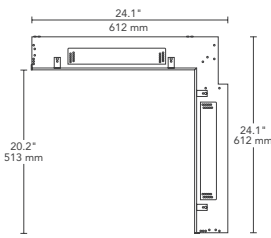
FLANGELESS 90° L  
CONNECTOR (TOP VIEW)



LAY-IN 90° L  
CONNECTOR (TOP VIEW)



FLANGED WALL-TO-CEILING  
(SIDE VIEW)



FLANGELESS WALL-TO-CEILING  
(SIDE VIEW)

ORDERING GRIDS

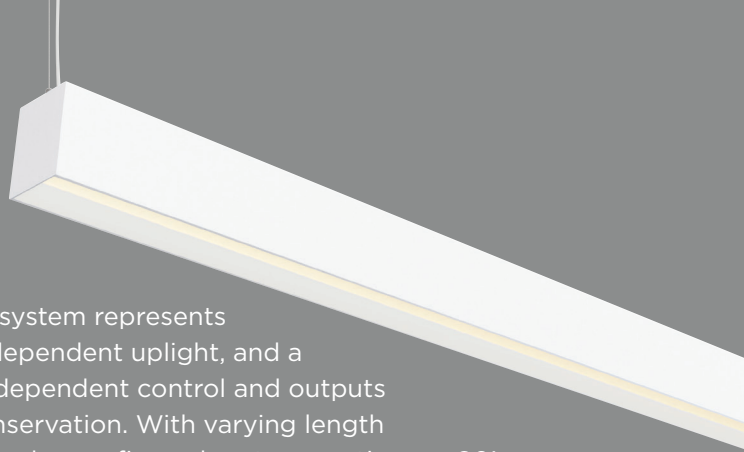
CONNECTOR/TRANSITION

SYSTEM	TYPE	CEILING APPEARANCE	OUTPUT	CRI/CCT	FINISH	HOUSING	DRIVER
RLS1	L	RF RECESSED FLANGED	H HIGH OUTPUT, 650 LMS/FT	835 80 CRI, 3500K	W MATTE WHITE	I IC	-ELV0 ELV/0-10V DIMMING UNV†
	WTC WALL-TO-CEILING*	RL RECESSED FLANGELESS	S STANDARD OUTPUT, 450 LMS/FT	927 90 CRI, 2700K			-ELD0 ELDOLED 0.1% 0-10V LINEAR†
		LI LAY-IN (T-GRID)		930 90 CRI, 3000K			-ELD0A ELDOLED 0.1% 0-10V LOGARITHMIC UNV†
				935 90 CRI, 3500K			-ELD1 ELDOLED 1% 0-10V LINEAR UNV†
				WD 90 CRI, WARM DIM, 3000K-2000K			-ELD1A ELDOLED 1% 0-10V LOGARITHMIC UNV†
							-HL2W LUTRON HI-LUME 1% 2 WIRE / PWM†
							-HLECO LUTRON HI-LUME 1% ECO-SYSTEM FADE-TO-BLACK UNV†

\*HL2W - 2-WIRE LOW-VOLTAGE ELECTRONIC DIMMING, 120V ONLY.  
†UNV = 120V/277V INPUT VOLTAGE

# 1.5

## MERGE™ Suspended Linear Channels



The MERGE 1.5 Suspended LED linear system represents the marriage of indirect downlight, independent uplight, and a track system; all in one system with independent control and outputs for optimal illumination and power conservation. With varying length components, MERGE 1.5 Suspended can be configured up to a continuous 80' run from a single feed. MERGE Spots, or many Tech Lighting low-voltage heads or pendants (using the FreeJack adapter) can be placed anywhere along the concealed low-voltage bus system for added versatility.

- Downlight, Uplight, and Low-Voltage Track in One Linear Fixture
- Illuminated Same-Plane Turns With a 90° Connector
- 4', 6', 8' Gangable Lengths
- Freejack Adapter Allows the Use of Any Low-Voltage Tech Lighting Heads or Pendants
- Downlight, Uplight, and Track System Controllable Separately

### Optional:

- EM: integrated emergency battery back-up to provide illumination when main power is lost. EM battery is integrated in the MERGE linear channel housing and provides 90 minutes of egress illumination. Each EM fixture ships with a mounted test switch/indicator light.
- 4', 6', & 8' EM linear channel: 1107 total lumens (illuminates 4' section of the 8' channel)

## SPECIFICATIONS

	HIGH OUTPUT	STANDARD OUTPUT
DELIVERED LUMENS	Downlight: 650 lms/ft Uplight: 600 lms/ft	Downlight: 450 lms/ft Uplight: 350 lms/ft
WATTS	Downlight: 12 watts/ft Uplight: 7.5 watts/ft	Downlight: 7 watts/ft Uplight: 4.5 watts/ft
EFFICACY	Downlight: 54 l/w Uplight: 80 l/w	Downlight: 64 l/w Uplight: 80 l/w
CRI	80+, 90+	
CCT OPTIONS	2700K, 3000K, 3500K or Warm Color Dimming (3000K-2000K)	
COLOR CONSISTENCY	3-Step	
VOLTAGE	120V or 277V (Concealed 10 gauge, low-voltage bus bar, order 12-volt remote transformer sold separately)	
DIMMING	ELV/0-10V (Down to 5%) Lutron Hi-Lume Ecosystem Fade-To-Black or PWM (Down to 1%) eldoLED 0-10V (Down to 0.1%)	
TRANSITIONS	Optional Illuminated 90° horizontal turns (same plane) or 90° ceiling-to-wall transitions	
CEILING APPEARANCE	Flanged (field paintable), with 4.8" width overlapping ceiling cutout	
CEILING APERTURE	1.5" beveled aperture	
HOUSING	IC Airtight available in 4', 6' and 8'. IC suitable up to R60 spray foam insulation (Consult factory for Chicago Plenum). EM units available Non-IC only.	
POWER SUPPLY**	Constant Current (Each linear channel includes a self-contained ELV, 0-10V, Lutron Hi-Lume 2 Wire PWM (120V only) or Lutron Hi-Lume, Eco System Fade-to-Black Driver, 0-10V 1%, 0-10V 0.1%)	
CONSTRUCTION	Aluminum	
HARDWARE	Steel	
FINISH	White Powder Coat	
GENERAL LISTING	ETL	
CALIFORNIA TITLE 24	Registered CEC Appliance Database. Can be used to comply with CEC 2016 Title 24 Part 6 (Static White, 90 CRI versions).	
LED LIFETIME	L70; 50,000 hours	
WARRANTY*	5 years	

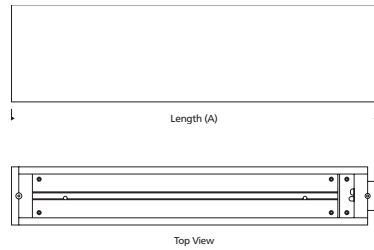
\*Visit ELEMENT-lighting.com for specific warranty limitations and details.

\*\*Consult Quotes Department for additional driver options.

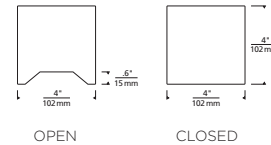
Concealed 10 gauge, low-voltage bus bar, order 12-volt remote transformer separately.

Max run length is 80' for the channel; typical max run length is 40' for the low-voltage bus which can be powered from both sides for a total of 80'; system wattage will impact max run length.

## DIMENSIONS

LINEAR SUSPENDED  
(TOP VIEW)

## END CAPS



OPEN

CLOSED

LENGTH (A)

4'	INDIVIDUAL	48"
6'	INDIVIDUAL	72"
8'	INDIVIDUAL	96"

Please note that end caps will add 1" to overall length of the system

## PERFORMANCE

HIGH OUTPUT  
UPLIGHT (600 LPF)

LINEAR CHANNEL	FIXTURE OUTPUT (LMS)*	WATTAGE
4 FT	2800	30
6 FT	4200	45
8 FT	5600	60

\*REPRESENTS 3500K/80CRI

HIGH OUTPUT  
DOWNLIGHT (650 LPF)

LINEAR CHANNEL	FIXTURE OUTPUT (LMS)*	WATTAGE
4 FT	2600	48
6 FT	3900	72
8 FT	5200	96

\*REPRESENTS 3500K/80CRI

STANDARD OUTPUT  
UPLIGHT (350 LPF)

LINEAR CHANNEL	FIXTURE OUTPUT (LMS)*	WATTAGE
4 FT	1850	18
6 FT	2775	27
8 FT	3700	36

\*REPRESENTS 3500K/80CRI

STANDARD OUTPUT  
DOWNLIGHT (450 LPF)

LINEAR CHANNEL	FIXTURE OUTPUT (LMS)*	WATTAGE
4 FT	1800	28
6 FT	2700	42
8 FT	3600	56

\*REPRESENTS 3500K/80CRI

## ORDERING GRIDS

## SUSPENDED LINEAR CHANNELS

SYSTEM	NOMINAL LENGTH	MOUNTING	DOWNLIGHT OUTPUT	UPLIGHT OUTPUT	CRI/CCT	FINISH	CONTROLS	OPTIONAL
SLS1	4 4 FT	SR04 48" RIGID STEM	H HIGH OUTPUT, 650 LMS/FT	H HIGH OUTPUT, 600 LMS/FT	835 80 CRI, 3500K	W MATTE WHITE	ELV0 ELV / 0-10V DIMMING UNV†	EM 120V EMERGENCY BATTERY BACK-UP W/ REMOTE TEST SWITCH (NON-IC ONLY)‡
	6 6 FT	SR08 96" RIGID STEM	S STANDARD OUTPUT, 450 LMS/FT	S STANDARD OUTPUT, 350 LMS/FT	927 90 CRI, 2700K		ELD0 ELDOLED 0.1% 0-10V LINEAR UNV†	
	8 8 FT	SA04 48" ADJUSTABLE CABLE	0 NO DOWNLIGHT††	0 NO UPLIGHT††	930 90 CRI, 3000K		ELD0A ELDOLED 0.1% 0-10V LOGARITHMIC UNV†	
		SA12 144" ADJUSTABLE CABLE			935 90 CRI, 3500K		ELD1 ELDOLED 1% 0-10V LINEAR UNV†	
					9WD 90 CRI, WARM DIM, 3000-2000K		ELD1A ELDOLED 1% 0-10V LOGARITHMIC UNV†	
							HL2W LUTRON HI-LUME 1% 2 WIRE/PWM†	
							HLECO LUTRON HI-LUME 0.1% ECO-SYSTEM FADE-TO-BLACK UNV†	

\*HL2W – 2 WIRE LOW-VOLTAGE ELECTRONIC DIMMING, 120 VOLT ONLY.

†UNV = 120V/277V INPUT VOLTAGE.

††CANNOT SELECT '00' NO DOWNLIGHT/NO UPLIGHT. 0H, 0S NOT AVAILABLE WITH EM.

‡EM OPTION ONLY AVAILABLE ON STATIC WHITE (NO WARM DIM). 0H, 0S NOT AVAILABLE WITH EM.

## FINISHING KIT

SYSTEM	TYPE	STYLE	MOUNTING	FINISH
SLS1	FK FINISHING KIT	1 CLOSED ENDCAP	SR04 48" RIGID STEM	W MATTE WHITE
		2 OPEN ENDCAP	SR08 96" RIGID STEM	
			SA04 48" ADJUSTABLE CABLE	
			SA12 144" ADJUSTABLE CABLE	

INCLUDES 2 ENDCAPS, 1 ADDITIONAL SUSPENSION MOUNT & ALL NECESSARY MOUNTING HARDWARE

TRANSFORMERS\*  
(ORDERED SEPARATELY, WHEN POWERING LOW-VOLTAGE TRACK)

ITEM	DESCRIPTION	DIMMING
700AT060EL	ELECTRONIC, 60W, 120V	ELV
700AT152EL	ELECTRONIC, 150W, 120V	ELV
700AT152ELD010	ELECTRONIC, 150W, 120V	0-10V
700AT150T	MAGNETIC, 150W, 120V	MAGNETIC
700AT150T277	MAGNETIC, 150W, 277V	MAGNETIC
700AT302EL	ELECTRONIC, 300W, 120V	ELV
700AT300T	MAGNETIC, 300W, 120V	MAGNETIC
700AT300T277	MAGNETIC, 300W, 277V	MAGNETIC

DO NOT LOAD TRANSFORMER ABOVE 70% OF RATED LOAD DUE TO IN-RUSH CURRENT. \*CONSULT SPEC SHEETS FOR DIMENSIONS.

## T-BAR CLIPS

SYSTEM	SIZE	FINISH
SLS	9 9/16"	B BLACK
	15 15/16"	W WHITE

## SLS

USED WHEN INSTALLING A SUSPENDED MERGE SYSTEM RUN ON A LAY-IN T-GRID CEILING, EACH SUSPENSION POINT REQUIRES ONE T-BAR CLIP. SHOWN WITH COUPLING INCLUDED WITH FIXTURE MOUNTING HARDWARE.

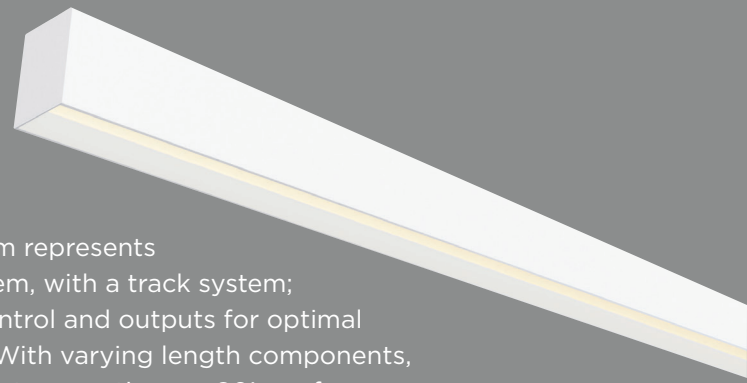
## POWER FEED CANOPY

SYSTEM	TYPE	FINISH
SLS1	PFM POWER FEED W/MOUNTING POINT	W MATTE WHITE
	MPFM MID-RUN POWER FEED W/MOUNTING POINT*	
	PFM12 POWER FEED W/MOUNTING POINT & 12V FEED	
	MPFM12 MID-RUN POWER FEED W/MOUNTING POINT & 12V FEED*	

INCLUDES MOUNTING HARDWARE AND NECESSARY CORD/WIRE TO COMPLETE ELECTRICAL CONNECTIONS. \*USE WHEN POWERING MULTIPLE FIXTURES NOT FROM END OF RUN.

# 1.5

## MERGE™ Flush Mount Linear Channels



The MERGE 1.5 Flush LED linear system represents the marriage of an indirect linear system, with a track system; all in one system with independent control and outputs for optimal illumination and power conservation. With varying length components, MERGE 1.5 Flush can be configured up to a continuous 80' run from a single feed. MERGE Spots, or Tech Lighting low-voltage heads or pendants (using the FreeJack adapter) can be placed anywhere along the concealed low-voltage bus system for added versatility.

- Indirect Linear General Illumination System with Integrated Low-Voltage Track
- Illuminated Same-Plane Turns with a 90° Connector
- 4', 6', 8' Gangable Lengths
- Freejack Adapter Allows the Use of Any Low-Voltage Tech Lighting Heads or Pendants

### Optional:

- EM: integrated emergency battery back-up to provide illumination when main power is lost. EM battery is integrated in the MERGE linear channel housing and provides 90 minutes of egress illumination. Each EM fixture ships with a mounted test switch/indicator light.
- 4', 6', & 8' EM linear channel: 1107 total lumens (illuminates 4' section of the 8' channel)

## SPECIFICATIONS

	HIGH OUTPUT	STANDARD OUTPUT
DELIVERED LUMENS	Downlight: 650 lms/ft	Downlight: 450 lms/ft
WATTS	Downlight: 12 watts/ft	Downlight: 7 watts/ft
EFFICACY	54 l/w (80CRI, 3500K)	64 l/w (80CRI, 3500K)
CRI	80+, 90+	
CCT OPTIONS	2700K, 3000K, 3500K or Warm Color Dimming (3000K-2000K)	
COLOR CONSISTENCY	3-Step	
VOLTAGE	120V or 277V (Concealed 10 gauge, low-voltage bus bar, order 12-volt remote transformer sold separately)	
DIMMING	ELV/0-10V (Down to 5%) Lutron Hi-Lume Ecosystem Fade-To-Black or PWM (Down to 1%) eldoLED 0-10V (Down to 0.1%)	
TRANSITIONS	Optional Illuminated 90° horizontal turns (same plane) or 90° ceiling-to-wall transitions	
CEILING APPEARANCE	Flush Mount***	
CEILING APERTURE	1.5" beveled aperture	
HOUSING	IC Airtight available in 4', 6' and 8'. IC suitable up to R60 spray foam insulation (Consult factory for Chicago Plenum). EM units available Non-IC only.	
POWER SUPPLY**	Constant Current (Each linear channel includes a self-contained ELV, 0-10V, Lutron Hi-Lume 2 Wire PWM (120V only) or Lutron Hi-Lume, Eco System Fade-to-Black Driver, 0-10V 1%, 0-10V 0.1%)	
CONSTRUCTION	Aluminum	
FINISH	White Powder Coat	
GENERAL LISTING	ETL	
CALIFORNIA TITLE 24	Registered CEC Appliance Database. Can be used to comply with CEC 2016 Title 24 Part 6 (Static White, 90 CRI versions).	
LED LIFETIME	L70; 50,000 hours	
WARRANTY*	5 years	

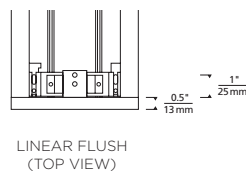
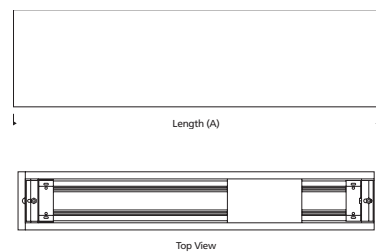
\*Visit ELEMENT-lighting.com for specific warranty limitations and details.

\*\*Consult Quotes Department for additional driver options.

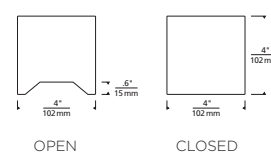
\*\*\*At this time, Flush Mount version not compatible with T-Grid ceilings. Please consult factory.

Concealed 10 gauge, low-voltage bus bar, order 12-volt remote transformer separately. Max run length is 80' for the channel; typical max run length is 40' for the low-voltage bus which can be powered from both sides for a total of 80'; system wattage will impact max run length.

## DIMENSIONS



## END CAPS



LENGTH (A)		
4'	INDIVIDUAL	48"
6'	INDIVIDUAL	72"
8'	INDIVIDUAL	96"

Please note that end caps will add 1" to overall length of the system.

## PERFORMANCE

### HIGH OUTPUT DOWNLIGHT (650 LPF)

LINEAR CHANNEL	FIXTURE OUTPUT (LMS)*	WATTAGE
4 FT	2600	48
6 FT	3900	72
8 FT	5200	96

\*REPRESENTS 3500K/80CRI

### STANDARD OUTPUT DOWNLIGHT (450 LPF)

LINEAR CHANNEL	FIXTURE OUTPUT (LMS)*	WATTAGE
4 FT	1800	28
6 FT	2700	42
8 FT	3600	56

\*REPRESENTS 3500K/80CRI

## ORDERING GRIDS

### FLUSH MOUNT LINEAR CHANNELS

SYSTEM	NOMINAL LENGTH	OUTPUT	CRI/CCT	FINISH	CONTROLS	OPTIONAL
FLS1	4 FT	H HIGH OUTPUT, 650 LMS/FT	835 80 CRI, 3500K	W MATTE WHITE	ELV0 ELV/0-10V DIMMING UNV†	EM LEAVE BLANK IF NO DESIRED OPTIONS EM EMERGENCY BATTERY†
	6 FT	S STANDARD OUTPUT, 450 LMS/FT	927 90 CRI, 2700K		ELD0 ELDOLED 0.1% 0-10V LINEAR UNV†	
	8 FT		930 90 CRI, 3000K		ELD0A ELDOLED 0.1% 0-10V LOGARITHMIC UNV†	
			935 90 CRI, 3500K		ELD1 ELDOLED 1% 0-10V LINEAR UNV†	
			9WD 90 CRI, WARM DIM, 3000-2000K		ELD1A ELDOLED 1% 0-10V LOGARITHMIC UNV†	
					HL2W LUTRON HI-LUME 1% 2 WIRE/PWM†	
					HLECO LUTRON HI-LUME 1% ECO-SYSTEM FADE-TO-BLACK UNV†	

\*HL2W – 2 WIRE LOW-VOLTAGE ELECTRONIC DIMMING, 120 VOLT ONLY.

†UNV = 120V/277V INPUT VOLTAGE.

‡EM ONLY AVAILABLE ON STATIC WHITE (NO WARM DIM).

### TRANSFORMERS\* (ORDERED SEPARATELY, WHEN POWERING LOW-VOLTAGE TRACK)

ITEM	DESCRIPTION	DIMMING
700AT060EL	ELECTRONIC, 60W, 120V	ELV
700AT152EL	ELECTRONIC, 150W, 120V	ELV
700AT152ELD010	ELECTRONIC, 150W, 120V	0-10V
700AT150T	MAGNETIC, 150W, 120V	MAGNETIC
700AT150T277	MAGNETIC, 150W, 277V	MAGNETIC
700AT302EL	ELECTRONIC, 300W, 120V	ELV
700AT300T	MAGNETIC, 300W, 120V	MAGNETIC
700AT300T277	MAGNETIC, 300W, 277V	MAGNETIC

DO NOT LOAD TRANSFORMER ABOVE 70% OF RATED LOAD DUE TO IN-RUSH CURRENT. \*CONSULT SPEC SHEETS FOR DIMENSIONS.

### FINISHING KIT

SYSTEM	TYPE	STYLE	FINISH
FLS1	FK FINISHING KIT	1 CLOSED ENDCAPS	W MATTE WHITE
		2 OPEN ENDCAPS	

INCLUDES 2 ENDCAPS, 1 ADDITIONAL SUSPENSION MOUNT & ALL NECESSARY MOUNTING HARDWARE.

### T-BAR CLIPS

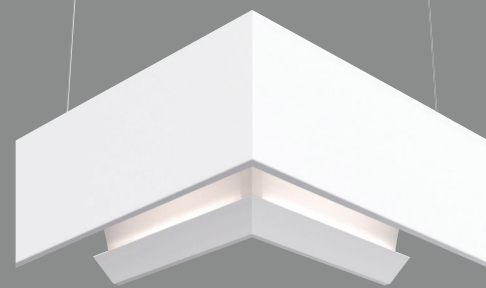
SYSTEM	SIZE	FINISH
SLS	9 9/16"	B BLACK
	15 15/16"	W WHITE

### SLS

USED WHEN INSTALLING A SUSPENDED MERGE SYSTEM RUN ON A LAY-IN T-GRID CEILING, EACH SUSPENSION POINT REQUIRES ONE T-BAR CLIP. SHOWN WITH COUPLING INCLUDED WITH FIXTURE MOUNTING HARDWARE.

# 1.5

## MERGE™ Suspended & Flush Mount Connectors 90° "L" Connector



Creating a continuous uninterrupted line of beautiful, glare-free LED light, the MERGE 1.5 Suspended LED linear system inconspicuously puts light where it is needed. The continuous line aesthetic created by the MERGE 1.5 system is enhanced using a specifically engineered 90° turn connector. Lines of LED light can be designed to seamlessly make 90° same-plane turns for enhanced design interest.

- 3-Step or Better Color Binning
- Internal Reflector Finished with High-Reflectance Matte White Paint for Even Light Distribution & Optimal Efficiency
- Note: Suspended corner connectors accept low-voltage track heads only. Corner connectors not suitable for pendant mounting.

### SPECIFICATIONS

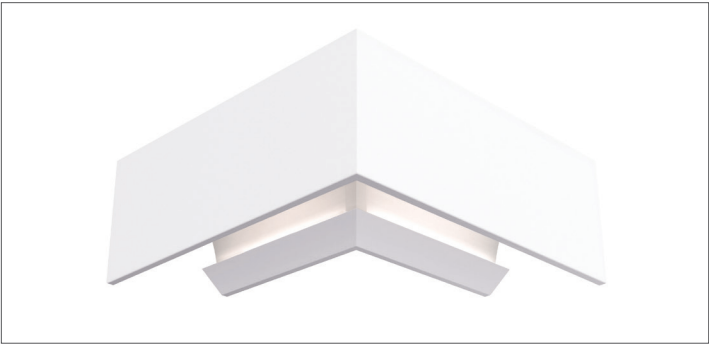
	HIGH OUTPUT	STANDARD OUTPUT
DELIVERED LUMENS	650 lms/ft	450 lms/ft
WATTS	12 watts/ft	7 watts/ft
EFFICACY	54 l/w (80CRI, 3500K)	64 l/w (80CRI, 3500K)
CRI	80+, 90+	
CCT OPTIONS	2700K, 3000K, 3500K or Warm Color Dimming (3000K-2000K)	
COLOR CONSISTENCY	3-Step	
VOLTAGE	120V or 277V (Concealed 10 gauge, low-voltage bus bar, order 12-volt remote transformer sold separately)	
DIMMING	ELV/0-10V (Down to 5%) Lutron Hi-Lume Ecosystem Fade-To-Black or PWM (Down to 1%) eldoLED 0-10V (Down to 0.1%)	
CEILING APPEARANCE	Flush Mount Flanged (field paintable), with 4.8" width overlapping ceiling cutout	
CEILING APERTURE	1.5" beveled aperture	
HOUSING	IC Airtight available in 4', 6' and 8'. IC suitable up to R60 spray foam insulation (Consult factory for Chicago Plenum). EM units available Non-IC only.	
POWER SUPPLY**	Constant Current (Each linear channel includes a self-contained ELV, 0-10V, Lutron Hi-Lume 2 Wire PWM (120V only) or Lutron Hi-Lume, Eco System Fade-to-Black Driver, 0-10V 1%, 0-10V 0.1%)	
CONSTRUCTION	Aluminum	
FINISH	White Powder Coat	
GENERAL LISTING	ETL	
CALIFORNIA TITLE 24	Registered CEC Appliance Database. Can be used to comply with CEC 2016 Title 24 Part 6 (Static White, 90 CRI versions).	
LED LIFETIME	L70; 50,000 hours	
WARRANTY*	5 years	

\*Visit ELEMENT-lighting.com for specific warranty limitations and details.

\*\*Consult Quotes Department for additional driver options.

Notes: Typical max run length is 80' for the channel; typical max run length is 40' for the low-voltage bus which can be powered from both sides for a total of 80'; system wattage will impact max run length

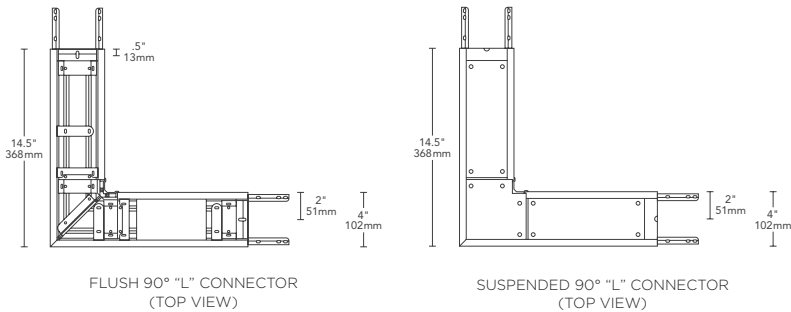
FLUSH MOUNT



SUSPENDED



DIMENSIONS



ORDERING GRIDS

FLUSH MOUNT LINEAR CONNECTOR

SYSTEM	TYPE	OUTPUT	CRI/CCT	FINISH	CONTROLS
FLS1	L "L" CONNECTOR	H HIGH OUTPUT, 650 LMS/FT	835 80 CRI, 3500K	W MATTE WHITE	ELV0 ELV/0-10V DIMMING UNV†
		S STANDARD OUTPUT, 450 LMS/FT	927 90 CRI, 2700K		ELD0 ELDOLED 0.1% 0-10V LINEAR UNV†
			930 90 CRI, 3000K		ELD0A ELDOLED 0.1% 0-10V LOGARITHMIC UNV†
			935 90 CRI, 3500K		ELD1 ELDOLED 1% 0-10V LINEAR UNV†
			9WD 90 CRI, WARM DIM, 3000-2000K		ELD1A ELDOLED 1% 0-10V LOGARITHMIC UNV†
					HL2W LUTRON HI-LUME 1% 2 WIRE/PWM*
					HLECO LUTRON HI-LUME 1% ECO-SYSTEM FADE-TO-BLACK UNV†

\*HL2W - TWO WIRE LOW-VOLTAGE ELECTRONIC DIMMING, 120 VOLT ONLY.  
†UNV = 120V/277V INPUT VOLTAGE.

SUSPENDED LINEAR CONNECTOR

SYSTEM	TYPE	MOUNTING	DOWNLIGHT OUTPUT	CRI/CCT	FINISH	CONTROLS
SLS1	L "L" CONNECTOR	SR04 48" RIGID STEM	H0 HIGH OUTPUT, 650 LMS/FT	835 80 CRI, 3500K	W MATTE WHITE	ELV0 ELV/0-10V DIMMING UNV* & FOR 0 DOWN/0 UPLIGHT
		SR08 96" RIGID STEM	S0 STANDARD OUTPUT, 450 LMS/FT	927 90 CRI, 2700K		ELD0 ELDOLED 0.1% 0-10V LINEAR UNV†
		SA04 48" ADJUSTABLE CABLE	00 NO DOWNLIGHT††	930 90 CRI, 3000K		ELD0A ELDOLED 0.1% 0-10V LOGARITHMIC UNV†
		SA12 144" ADJUSTABLE CABLE		935 90 CRI, 3500K		ELD1 ELDOLED 1% 0-10V LINEAR UNV†
				9WD 90 CRI, WARM DIM, 3000K-2000K		ELD1A ELDOLED 1% 0-10V LOGARITHMIC UNV†
						HL2W LUTRON HI-LUME 1% 2 WIRE/PWM*
						HLECO LUTRON HI-LUME 0.1% ECOSYSTEM FADE-TO-BLACK UNV†

\*HL2W - 2 WIRE LOW-VOLTAGE ELECTRONIC DIMMING, 120 VOLT ONLY.  
†UNV = 120V/277V INPUT VOLTAGE.  
††FOR USE WITH UPLIGHT ONLY (OH, OS) LINEAR FIXTURES.

T-BAR CLIPS

SYSTEM	SIZE	FINISH
SLS	09 9/16"	B BLACK
	15 15/16"	W WHITE

USED WHEN INSTALLING A SUSPENDED MERGE SYSTEM RUN ON A LAY-IN T-GRID CEILING, EACH SUSPENSION POINT REQUIRES ONE T-BAR CLIP. SHOWN WITH COUPLING INCLUDED WITH FIXTURE MOUNTING HARDWARE.

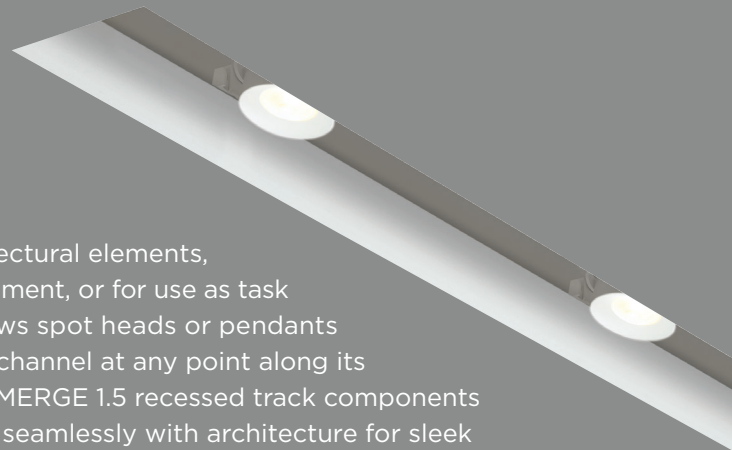
# 1.5

## MERGE™ Recessed Linear Tracks Flanged, Flangeless & Lay-In (T-Grid)



- Two Spot Head Options: MERGE Capsule and MERGE Drop-Down
- Twist-and-Lock Design Allows Adjustable LED Spot Heads to be Placed Anywhere Along the Bus Channel
- Low Profile Design for Use in 2X4 Construction
- Lay-In (T-Grid) Optimized for 9/16" or 15/16"
- Must Order 44" 4L-Fixture for Any Total Lay-In Run Lengths
- FreeJack Adapter Allows the use of any Tech Lighting Low-Voltage Head or Pendant
- Optional 90° Horizontal Turns (same plane) or 90° Ceiling-to-Wall Transitions (not available in Lay-In)

Whether being used to highlight architectural elements, to accent specific features of an environment, or for use as task lighting, MERGE 1.5 recessed track allows spot heads or pendants to be added directly into the recessed channel at any point along its concealed low-voltage bus system. All MERGE 1.5 recessed track components feature a beveled aperture to integrate seamlessly with architecture for sleek ceiling-to-fixture transitions. Available in 2', 4', 6' and 8' lengths (with a number of connector options) for flanged installation.



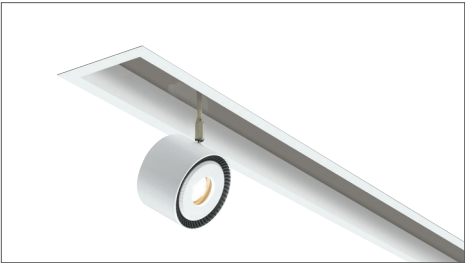
### SPECIFICATIONS

VOLTAGE	120V or 277V (Concealed 10 gauge, low-voltage bus bar, order 12-volt remote transformer sold separately)
CEILING APERTURE	1.5" beveled
CEILING APPEARANCE	Flanged (field paintable), with 4.8" width overlapping ceiling cutout Flangeless, includes plaster plate, including mitered ends as needed Lay-in (T-grid) optimized for 9/16" or 15/16"
HOUSING	IC Airtight available in 4', 6' and 8'. IC suitable up to R60 spray foam insulation (Consult Quotes Department for Chicago Plenum option).
TRANSITIONS	Optional 90° horizontal turns (same plane) or 90° ceiling-to-wall
GENERAL LISTING	ETL
CONSTRUCTION	Housing: 20 gauge sheet metal Extrusion: Aluminum
HARDWARE	Steel
FINISH	White Powder Coat
WARRANTY*	1 year

\*Visit [ELEMENT-lighting.com](http://ELEMENT-lighting.com) for specific warranty limitations and details.

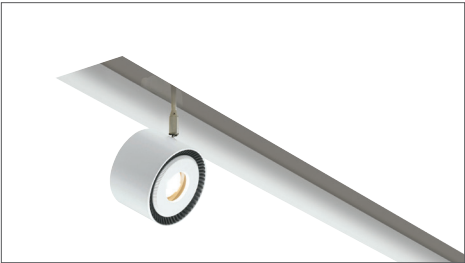
Notes: Typical max run length is 40' for the low-voltage bus which can be powered from both sides for a total of 80'; system wattage will impact max run length

FLANGED



FLANGED			LENGTH (A)
4'	INDIVIDUAL		48"
6'	INDIVIDUAL		72"
8'	INDIVIDUAL		96"

FLANGELESS



FLANGELESS			LENGTH (A)
4'	INDIVIDUAL		48"
6'	INDIVIDUAL		72"
8'	INDIVIDUAL		96"

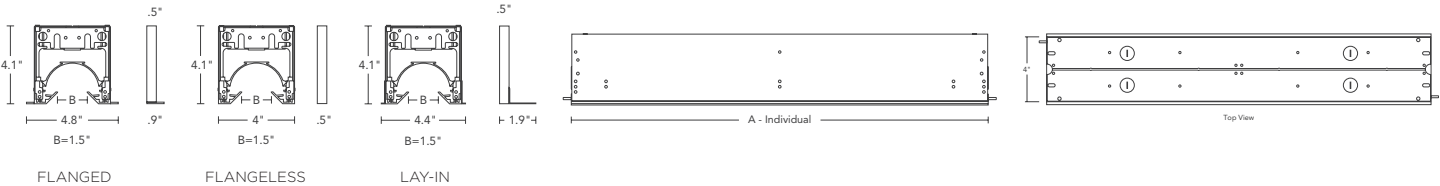
LAY-IN (T-GRID)



LAY-IN (T-GRID)			LENGTH (A)
4'	INDIVIDUAL		48"
6'	INDIVIDUAL		72"
8'	INDIVIDUAL		96"
4L	Fixture*		44"

\*Must purchase lay-in finishing kit. Includes 2 T-Grid plates. 4' minimum run length for lay-in installations. Must order 44" 4L-Fixture for any other total lay-in run lengths.

DIMENSIONS (SEE CHARTS ABOVE)



ORDERING GRIDS

RECESSED LINEAR TRACK

SYSTEM	NOMINAL LENGTH	CEILING APPEARANCE	OUTPUT	FINISH
RLS1	4 4 FT	RF RECESSED FLANGED	0 NO OUTPUT - 12V BUS ONLY*	W MATTE WHITE
	6 6 FT	RL RECESSED FLANGELESS		
	8 8 FT	LI LAY-IN (T-GRID)*		

\*TRANSFORMER REQUIRED TO ENERGIZE THE LOW-VOLTAGE BUS.

FINISHING KIT

SYSTEM	TYPE	STYLE	CEILING APPEARANCE	FINISH
RLS1	FK FINISHING KIT	1 CLOSED ENDCAP	RF RECESSED FLANGED	W MATTE WHITE
			RL RECESSED FLANGELESS	
			LI LAY-IN (T-GRID)*	

INCLUDES 2 ENDCAPS AND ALL NECESSARY MOUNTING HARDWARE.

TRANSFORMERS\*  
(REQUIRED, ORDERED SEPARATELY)

ITEM	DESCRIPTION	DIMMING
700AT060EL	ELECTRONIC, 60W, 120V	ELV
700AT152EL	ELECTRONIC, 150W, 120V	ELV
700AT152ELD010	ELECTRONIC, 150W, 120V	0-10V
700AT150T	MAGNETIC, 150W, 120V	MAGNETIC
700AT150T277	MAGNETIC, 150W, 277V	MAGNETIC
700AT302EL	ELECTRONIC, 300W, 120V	ELV
700AT300T	MAGNETIC, 300W, 120V	MAGNETIC
700AT300T277	MAGNETIC, 300W, 277V	MAGNETIC

DO NOT LOAD TRANSFORMER ABOVE 70% OF RATED LOAD DUE TO IN-RUSH CURRENT. \*CONSULT SPEC SHEETS FOR DIMENSIONS.

FLANGED WALL MOUNT PARTS KIT

SYSTEM	TYPE
RLS1	RFWK RECESSED FLANGED WALL KIT*

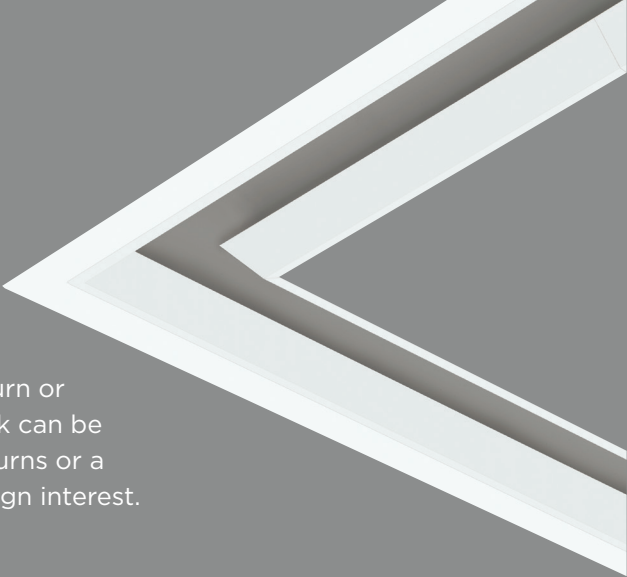
\*FOR USE WITH UNITS BEING MOUNTED IN WALL, 3 NEEDED FOR 4FT WALL RUN, 5 NEEDED FOR 6FT AND 8FT WALL RUN.

# 1.5

MERGE™  
Recessed Track  
Connector  
90° "L" Connector  
& Wall-to-Ceiling



The continuous line aesthetic created by the MERGE 1.5 recessed track system is enhanced using a specifically engineered 90° turn or wall-to-ceiling connector. MERGE recessed track can be designed to seamlessly make 90° same-plane turns or a transition from ceiling to wall for enhanced design interest.



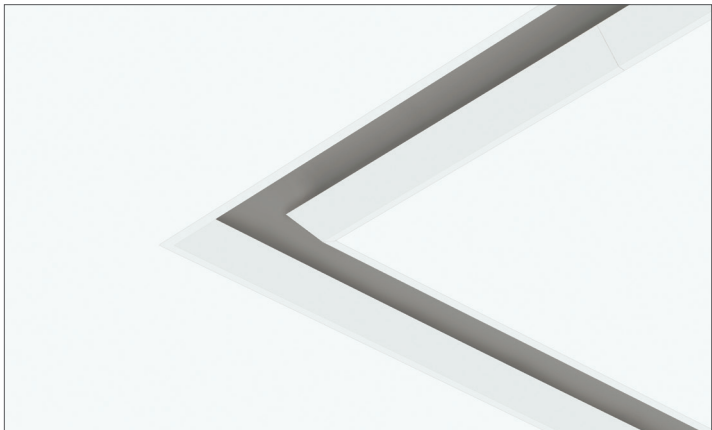
- Option to Add Spot Heads for Accent and Task Lighting
- Low Profile Design for Use in 2X4 Construction
- Flanged Option is Field Paintable
- Seamlessly Makes Wall-to-Ceiling Transitions for Enhanced Design

### SPECIFICATIONS

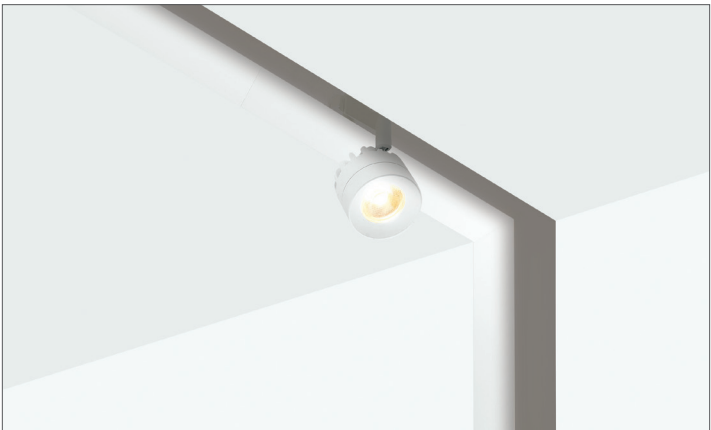
VOLTAGE	120V or 277V (Concealed 10 gauge, low-voltage bus bar, order 12-volt remote transformer sold separately)
CEILING APERTURE	1.5" beveled
CEILING APPEARANCE	Flanged: field paintable, with a 4.8" width overlapping ceiling cutout. Flangeless Lay-in: T-Grid optimized for 9/16" or 15/16"
HOUSING	IC Airtight (IC suitable up to R60 spray foam insulation)
TRANSITIONS	Seamlessly make 90° (same plane) turns for enhanced design
GENERAL LISTING	ETL
CONSTRUCTION	Housing: 20 gauge sheet metal Extrusion: Aluminum
HARDWARE	Steel
FINISH	White Powder Coat
WARRANTY*	1 year

\*Visit [ELEMENT-lighting.com](http://ELEMENT-lighting.com) for specific warranty limitations and details.  
Notes: Typical max run length is 40' for the low-voltage bus which can be powered from both sides for a total of 80'; system wattage will impact max run length

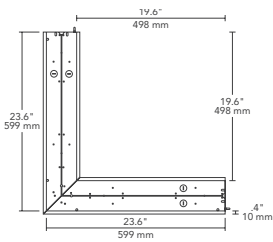
90° "L" TURN (FLANGED)



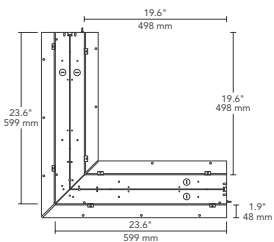
WALL-TO-CEILING (FLANGELESS)



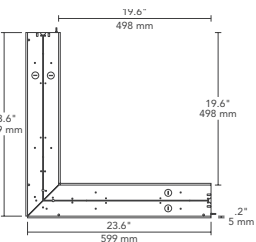
DIMENSIONS



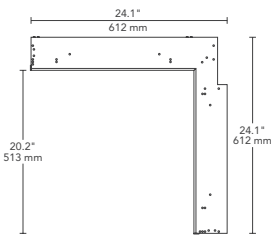
FLANGED 90° L  
CONNECTOR (TOP VIEW)



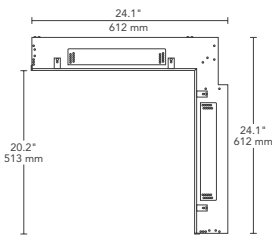
FLANGELESS 90° L  
CONNECTOR (TOP VIEW)



LAY-IN 90° L  
CONNECTOR (TOP VIEW)



FLANGED WALL-TO-CEILING  
(SIDE VIEW)



FLANGELESS WALL-TO-CEILING  
(SIDE VIEW)

ORDERING GRIDS

RECESSED CONNECTOR/TRANSITION

SYSTEM	TYPE	CEILING APPEARANCE	OUTPUT	FINISH
RLS1	L "L" CONNECTOR	RF RECESSED FLANGED	0 NO OUTPUT - 12V BUS ONLY*	W MATTE WHITE
	WTC WALL-TO-CEILING	RL RECESSED FLANGELESS		
		LI LAY-IN (T-GRID)		

\*TRANSFORMER REQUIRED TO ENERGIZE THE LOW-VOLTAGE BUS.

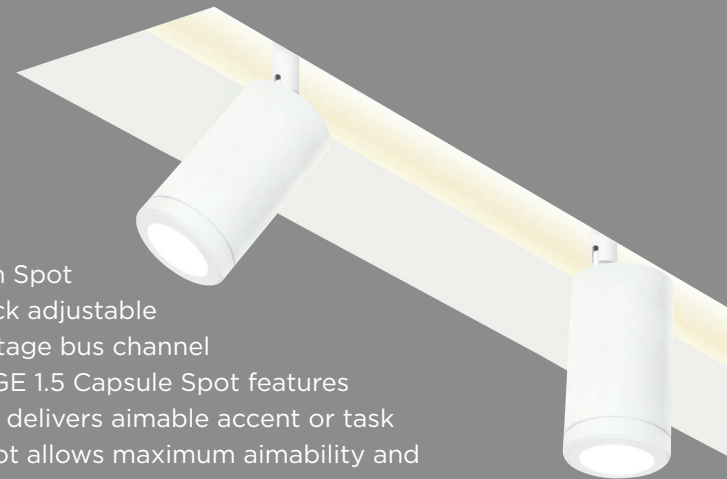
TRANSFORMERS\* (ORDERED SEPARATELY)

ITEM	DESCRIPTION	DIMMING
700AT060EL	ELECTRONIC, 60W, 120V	ELV
700AT152EL	ELECTRONIC, 150W, 120V	ELV
700AT152ELD010	ELECTRONIC, 150W, 120V	0-10V
700AT150T	MAGNETIC, 150W, 120V	MAGNETIC
700AT150T277	MAGNETIC, 150W, 277V	MAGNETIC
700AT302EL	ELECTRONIC, 300W, 120V	ELV
700AT300T	MAGNETIC, 300W, 120V	MAGNETIC
700AT300T277	MAGNETIC, 300W, 277V	MAGNETIC

DO NOT LOAD TRANSFORMER ABOVE 70% OF RATED LOAD DUE TO IN-RUSH CURRENT. \*CONSULT SPEC SHEETS FOR DIMENSIONS.

# 1.5

**MERGE™**  
**Spot Heads**  
Capsule,  
Drop-Down  
& Adapter



The MERGE 1.5 Capsule and Drop-Down Spot Heads allow you to simply twist-and-lock adjustable spot heads anywhere along the low-voltage bus channel for stunning design flexibility. The MERGE 1.5 Capsule Spot features a simple, tasteful minimalist design that delivers aimable accent or task lighting. The MERGE 1.5 Drop-Down Spot allows maximum aimability and utilizes the MERGE FreeJack adapter.

## SPECIFICATIONS

	CAPSULE SPOT HEAD	DROP-DOWN SPOT HEAD
DELIVERED LUMENS	670	669 (90 CRI, 3500K)
WATTS	12	9.3
EFFICACY	56 l/w	72 l/w
CRI	90+	90+
CBCP (40°)	1240 (30°)	1394
CCT OPTIONS	2700K, 3000K, 3500K	
COLOR CONSISTENCY	3-step	
VOLTAGE	120V or 277V (concealed 10 gauge, low-voltage bus bar, order 12 volt remote transformer sold separately)	
DIMMING	ELV, 0-10V, MLV. Dimming dependent on transformer (see grid for details)	
FIELD CHANGEABLE OPTICS	30°, 60°	20°, 30°, 40°, 60°
ADJUSTABILITY	0-35° tilt, 360° rotation	90° tilt, 360° rotation
POWER SUPPLY	12VAC	
LED LIFETIME	L70; 50,000 hours	
WARRANTY*	5 years	

\*Visit [techlighting.com](http://techlighting.com) for specific warranty limitations and details.

Maximum number of spots is variable depending on the length of the housing panel; 1 spot per foot of housing panel.

Max run length is 80' for the channel; typical max run length is 40' for the low-voltage bus which can be powered from both sides for a total of 80'; system wattage will impact max run length

## CAPSULE SPOT HEAD



- Fully adjustable: 0-35° tilt, 360° rotation
- Capsule Spot Head mounts within the MERGE linear channel
- Twist-and-lock design allows LED adjustable spot heads to be placed anywhere along the bus channel

## DROP-DOWN SPOT HEAD



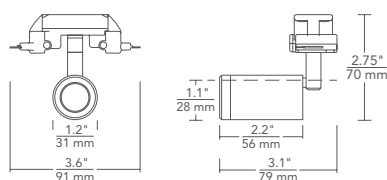
- Drop-down spot head extends beneath the linear channel to minimize cut-off at higher angle aiming
- 3-Step or better color binning
- Includes MERGE FreeJack adapter

## FREEJACK ADAPTER

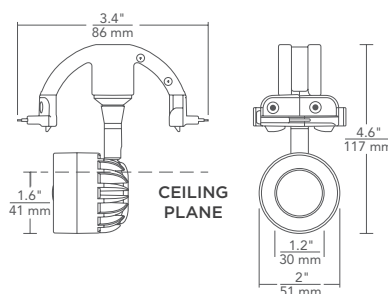


- Cast-aluminum construction
- Snap-in, locking mechanism
- 12V
- Accepts Tech Lighting low-voltage FreeJack heads or pendants

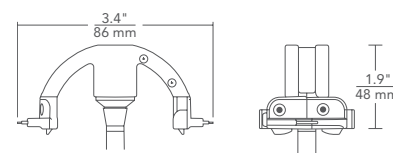
## DIMENSIONS



CAPSULE SPOT HEAD



DROP DOWN SPOT HEAD



FREEJACK ADAPTER

## ORDERING GRIDS

## CAPSULE SPOT HEAD\*

SYSTEM	TYPE	CRI / COLOR TEMPERATURE	FINISH
RLS1	C CAPSULE	927 90 CRI, 2700K	W MATTE WHITE
		930 90 CRI, 3000K	
		935 90 CRI, 3500K	

\*TRANSFORMER REQUIRED. CAPSULE SHIPS WITH 30° OPTIC INSTALLED. 60° INCLUDED.

## DROP-DOWN SPOT HEAD\*

SYSTEM	TYPE	CRI / COLOR TEMPERATURE	BEAM SPREAD	FINISH
RLS1	D DROP DOWN	927 90 CRI, 2700K	2 20°	W MATTE WHITE
		930 90 CRI, 3000K	3 30°	
		935 90 CRI, 3500K	4 40°	
			6 60°	

\*TRANSFORMER REQUIRED

## FREEJACK ADAPTER

SYSTEM	TYPE	FINISH
RLS1	FJ FREEJACK ADAPTER	W MATTE WHITE

## REPLACEMENT OPTICS

	BEAM SPREAD
351LEDGATOPT	20 20°
	30 30°
	40 40°
	60 60°

## LENSES/LOUVERS

	TYPE
MOC	GG PLAIN GLASS
	SF SOFT FOCUS
	LL LINEAR SPREAD
	EC EGGRATE LOUVER
	LS1-W 1" LONG SNOOT WHITE
	LS12-W 1/2" LONG SNOOT WHITE

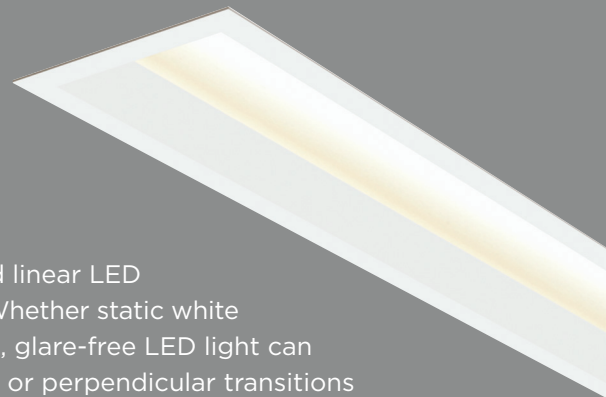
## TRANSFORMERS\* (ORDERED SEPARATELY)

ITEM	DESCRIPTION	DIMMING
700AT060EL	ELECTRONIC, 60W, 120V	ELV
700AT152EL	ELECTRONIC, 150W, 120V	ELV
700AT152ELD010	ELECTRONIC, 150W, 120V	0-10V
700AT150T	MAGNETIC, 150W, 120V	MAGNETIC
700AT150T277	MAGNETIC, 150W, 277V	MAGNETIC
700AT302EL	ELECTRONIC, 300W, 120V	ELV
700AT300T	MAGNETIC, 300W, 120V	MAGNETIC
700AT300T277	MAGNETIC, 300W, 277V	MAGNETIC

DO NOT LOAD TRANSFORMER ABOVE 70% OF RATED LOAD DUE TO IN-RUSH CURRENT. \*CONSULT SPEC SHEETS FOR DIMENSIONS.

# 3.0

## MERGE™ Recessed Linear Channels Flanged, Flangeless & Lay-In



MERGE 3.0 represents the marriage of a recessed linear LED system with a low-voltage track lighting system. Whether static white or programmable white, recessed lines of uniform, glare-free LED light can be designed to make 90° turns in the same plane or perpendicular transitions from ceiling to wall for enhanced architectural interest. Further, spot heads or pendants can be added directly into the channel at any point along its concealed low-voltage bus system for simultaneous accent or task illumination. Available in 4', 6' and 8' lengths for flanged, flangeless, or lay-in installation.

- Low Profile Design for Use in 2X6 Construction
- Custom Linear Lengths Available (Between 4' To 6'). Consult Quotes Department.
- 3-Step or Better Color Binning on All Non-RGB Options
- Internal Reflector Finished with High Reflectance Matte, White Paint for Even Light Distribution & Optimal Efficiency
- IC Airtight Rated (EM Housing Non-IC)
- Continuous Linear Runs Require a Start Unit, Intermediate Fixtures and End Unit

### Optional:

- EM: integrated emergency battery back-up to provide illumination when main power is lost. EM battery is integrated in the MERGE linear channel housing and provides 90 minutes of egress illumination. Each EM fixture ships with a test switch/indicator light for remote mounting.
- 4', 6', & 8' EM linear channel: 1107 total lumens (illuminates 4' section of the 8' channel)

## SPECIFICATIONS

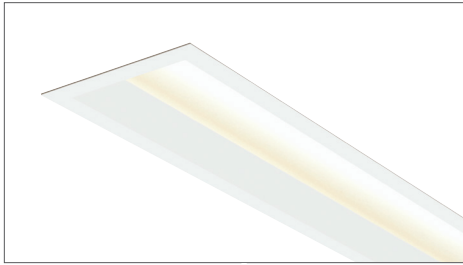
	HIGH OUTPUT	STANDARD OUTPUT
DELIVERED LUMENS	1000 lms/ft	700 lms/ft
WATTS	14 watts/ft	9 watts/ft
EFFICACY	71 l/w (80CRI, 3500K)	78 l/w (80CRI, 3500K)
CRI	80+, 90+	
CCT OPTIONS	2700K, 3000K, 3500K, or Programmable White (2700K-4000K)	
COLOR CONSISTENCY	3-Step	
VOLTAGE	120V or 277V (Concealed 10 gauge, low-voltage bus bar, order 12-volt remote transformer sold separately)	
DIMMING	ELV (Below 1% Standard) 0-10V (Down to 5%) Lutron Hi-Lume Ecosystem Fade-To-Black or PWM (Down to 1%) eldoLED 0-10V (Down to 0.1%)	
TRANSITIONS	Optional Illuminated 90° horizontal turns (same plane) or 90° ceiling-to-wall transitions	
CEILING APPEARANCE	Flanged (field paintable), with 6.2" width overlapping concealing ceiling cutout Flangeless Lay-In T-Grid optimized 9/16" or 15/16"	
CEILING APERTURE	3" beveled aperture	
HOUSING	IC Airtight available in 4', 6' and 8'. IC suitable up to R60 spray foam insulation (Consult factory for Chicago Plenum). EM units available Non-IC only.	
POWER SUPPLY**	Constant Current (Each linear channel includes a self-contained ELV, 0-10V, Lutron Hi-Lume 2 Wire PWM (120V only) or Lutron Hi-Lume, Eco System Fade-to-Black Driver, 0-10V 1%, 0-10V 0.1%)	
CONSTRUCTION	Housing: 20 gauge sheet metal Extrusion: Aluminum	
FINISH	White Powder Coat	
GENERAL LISTING	ETL	
CALIFORNIA TITLE 24	Registered CEC Appliance Database. Can be used to comply with CEC 2016 Title 24 Part 6 (Static White, 90 CRI versions).	
LED LIFETIME	L70; 50,000 hours	
WARRANTY*	5 years	

\*Visit ELEMENT-lighting.com for specific warranty limitations and details.

\*\*Consult Quotes Department for additional driver options.

Notes: Typical max run length is 80' for the channel; typical max run length is 40' for the low-voltage bus which can be powered from both sides for a total of 80'; system wattage will impact max run length

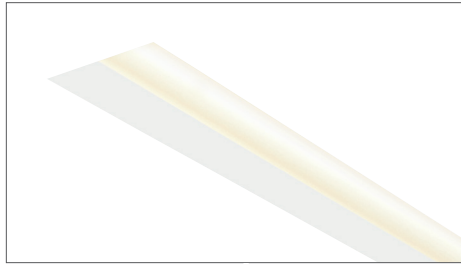
## FLANGED



## FLANGED

		A	B	C
4'	INDIVIDUAL	6.16	5.71	48.21
	START	6.16	5.71	46.61
	INTERMEDIATE	6.16	5.71	48.00
	END	6.16	5.71	49.61
6'	INDIVIDUAL	6.16	5.71	72.21
	START	6.16	5.71	70.61
	INTERMEDIATE	6.16	5.71	72.00
	END	6.16	5.71	73.61
8'	INDIVIDUAL	6.16	5.71	96.21
	START	6.16	5.71	94.61
	INTERMEDIATE	6.16	5.71	96.00
	END	6.16	5.71	97.61

## FLANGELESS



## FLANGELESS

		A	B	C
4'	INDIVIDUAL	6.32	5.64	48.30
	START	6.32	5.64	46.65
	INTERMEDIATE	6.32	5.64	48.00
	END	6.32	5.64	49.65
6'	INDIVIDUAL	6.16	5.71	72.30
	START	6.16	5.71	70.65
	INTERMEDIATE	6.16	5.71	72.00
	END	6.16	5.71	73.65
8'	INDIVIDUAL	6.32	5.64	96.30
	START	6.32	5.64	94.65
	INTERMEDIATE	6.32	5.64	96.00
	END	6.32	5.64	97.65

## LAY-IN (T-GRID)

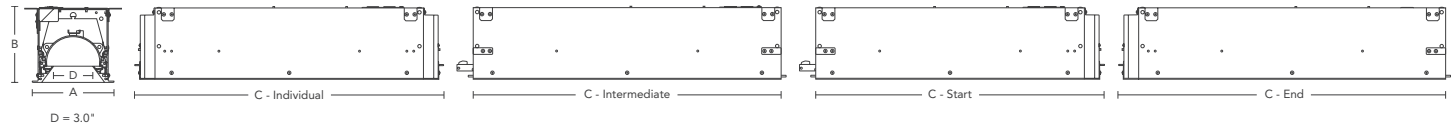


## LAY-IN (T-GRID)

		A	B	C
4'	INDIVIDUAL	5.75	5.64	47.73
	START	5.75	5.64	46.36
	INTERMEDIATE	5.75	5.64	48.00
	END	5.75	5.64	49.36
6'	INDIVIDUAL	5.75	5.64	71.73
	START	5.75	5.64	70.63
	INTERMEDIATE	5.75	5.64	72.00
	END	5.75	5.64	73.36
8'	INDIVIDUAL	5.75	5.64	95.73
	START	5.75	5.64	94.36
	INTERMEDIATE	5.75	5.64	96.00
	END	5.75	5.64	97.36

All dimensions given in inches.

## DIMENSIONS (SEE CHARTS ABOVE)



## ORDERING GRIDS

## RECESSED LINEAR CHANNELS

SYSTEM	NOMINAL LENGTH		TYPE	OUTPUT	CEILING APPEARANCE	CRI / COLOR TEMPERATURE		FINISH	CONTROLS		VOLTAGE	OPTIONAL						
RLS3	4	4 FT	S	START	7	700 LUMENS/FT	RF	RECESSED FLANGED	827	80 CRI, 2700K	W	MATTE WHITE	ELV	STANDARD ELV	1	120 VOLT	-EM	EMERGENCY BATTERY BACK-UP W/ REMOTE TEST SWITCH* (NON-IC ONLY)
	6	6 FT	M	INTERMEDIATE	1	1000 LUMENS/FT*	RL	RECESSED FLANGELESS	830	80 CRI, 3000K			010	0-10V DIMMING	2	277 VOLT		
	8	8 FT	E	END	I	INDIVIDUAL	LI	LAY-IN (T-GRID)	835	80 CRI, 3500K	ELD0	ELDOLED 0.1% 0-10V LINEAR	ELD0A	ELDOLED 0.1% 0-10V LOGARITHMIC				
			927	90 CRI, 2700K					ELD1	ELDOLED 1% 0-10V LINEAR								
							930	90 CRI, 3000K		ELD1A	ELDOLED 1% 0-10V LOGARITHMIC							
							935	90 CRI, 3500K		HL2W	LUTRON HI-LUME 2 WIRE/PWM*							
							82740	80 CRI, PROGRAMMABLE WHITE*		HLECO	LUTRON HI-LUME ECO-SYSTEM FADE-TO-BLACK							

\*0-10 VOLT DIMMING ONLY. \*\*HL2W – TWO WIRE LOW-VOLTAGE ELECTRONIC DIMMING, 120 VOLT ONLY. †1000 LMS/FT ONLY AVAILABLE IN STATIC WHITE AND ONLY WITH STANDARD ELV AND 0-10V DRIVERS. #EM OPTION ONLY AVAILABLE ON STATIC WHITE (NO RGB OR PROGRAMMABLE WHITE).

## FLANGED WALL MOUNT BRACKET

SYSTEM	TYPE
RLS3	RFWB RECESSED FLANGED WALL BRACKET*

\*FOR USE WITH UNITS BEING MOUNTED IN WALL, 3 NEEDED FOR 4FT WALL RUN, 5 NEEDED FOR 6FT AND 8FT WALL RUN.

TRANSFORMERS\*  
(ORDERED SEPARATELY, WHEN POWERING LOW-VOLTAGE TRACK)

ITEM	DESCRIPTION	DIMMING
700AT060EL	ELECTRONIC, 60W, 120V	ELV
700AT152EL	ELECTRONIC, 150W, 120V	ELV
700AT152ELD010	ELECTRONIC, 150W, 120V	0-10V
700AT150T	MAGNETIC, 150W, 120V	MAGNETIC
700AT150T277	MAGNETIC, 150W, 277V	MAGNETIC
700AT302EL	ELECTRONIC, 300W, 120V	ELV
700AT300T	MAGNETIC, 300W, 120V	MAGNETIC
700AT300T277	MAGNETIC, 300W, 277V	MAGNETIC

DO NOT LOAD TRANSFORMER ABOVE 70% OF RATED LOAD DUE TO IN-RUSH CURRENT. \*CONSULT SPEC SHEETS FOR DIMENSIONS.

# 3.0

## MERGE™ Recessed Connectors 90° "L" Connector & Wall-to-Ceiling



The continuous line aesthetic created by the MERGE 3.0 system is enhanced using either a specifically engineered 90° turn connector or wall-to-ceiling connector. Lines of LED light can be designed to seamlessly make 90° same-plane turns or transition from ceiling to wall for enhanced design interest.

- Optional Illuminated 90° Horizontal (same plane) Transitions (not available in Lay-In)
- Low Profile Design for Use in 2X6 Construction
- Dual Sided Illumination for Even Light Along the Channel
- 3-Step or Better Color Binning on All Non-RGB Options
- Internal Reflector Finished with High Reflectance Matte White Paint for Even Light Distribution & Optimal Efficiency
- Seamlessly Makes Wall-to-Ceiling Transitions for Enhanced Design (not available In Lay-In)

### SPECIFICATIONS

	HIGH OUTPUT	STANDARD OUTPUT
DELIVERED LUMENS	2000 lms/ft	1400 lms/ft
WATTS	28 watts/ft	18 watts/ft
EFFICACY	71 l/w (80CRI, 3500K)	78 l/w (80CRI, 3500K)
CRI	80+, 90+	
CCT OPTIONS	2700K, 3000K, 3500K, or Programmable White (2700K-4000K)	
COLOR CONSISTENCY	3-Step	
VOLTAGE	120V or 277V (Concealed 10 gauge, low-voltage bus bar, order 12-volt remote transformer sold separately)	
DIMMING	ELV (Below 1% Standard) 0-10V (Down to 5%) Lutron Hi-Lume Ecosystem Fade-To-Black or PWM (Down to 1%) eldoLED 0-10V (Down to 0.1%)	
TRANSITIONS	Illuminated 90° horizontal turns (same plane) transitions (not available in Lay-in)	
CEILING APPEARANCE	Flanged or Flangeless	
CEILING APERTURE	3" beveled aperture	
HOUSING	IC Airtight available in 4', 6' and 8'. IC suitable up to R60 spray foam insulation (Consult factory for Chicago Plenum). EM units available Non-IC only.	
POWER SUPPLY**	Constant Current (Each linear channel includes a self-contained ELV, 0-10V, Lutron Hi-Lume 2 Wire PWM (120V only) or Lutron Hi-Lume, Eco System Fade-to-Black Driver, 0-10V 1%, 0-10V 0.1%)	
CONSTRUCTION	Housing: 20 gauge sheet metal Extrusion: Aluminum	
HARDWARE	Steel	
FINISH	White Powder Coat	
GENERAL LISTING	ETL	
CALIFORNIA TITLE 24	Registered CEC Appliance Database. Can be used to comply with CEC 2016 Title 24 Part 6 (Static White, 90 CRI versions).	
LED LIFETIME	L70; 50,000 hours	
WARRANTY*	5 years	

\*Visit ELEMENT-lighting.com for specific warranty limitations and details.

\*\*Consult Quotes Department for additional driver options.

Max run length is 80' for the channel; typical max run length is 40' for the low-voltage bus which can be powered from both sides for a total of 80'; system wattage will impact max run length

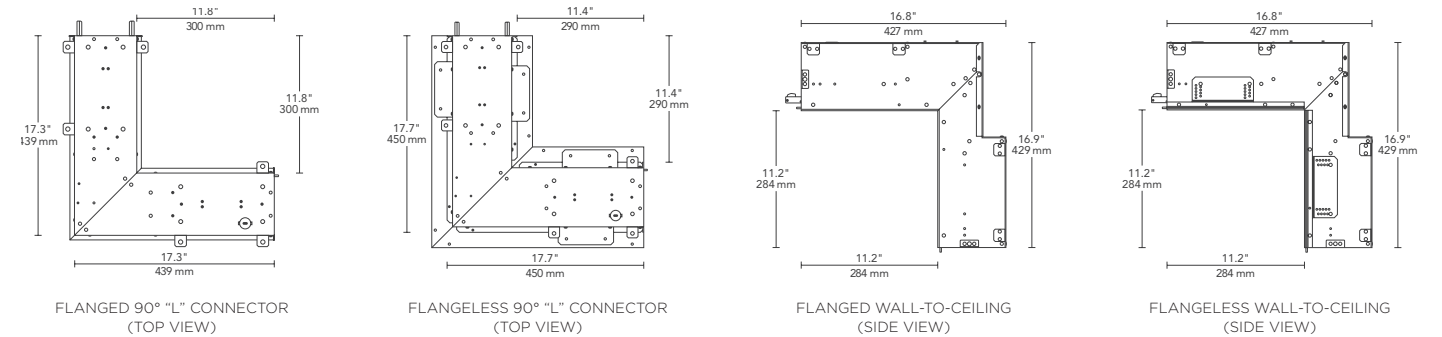
90° “L” TURN (FLANGED)



WALL-TO-CEILING (FLANGELESS)



DIMENSIONS



ORDERING GRIDS

RECESSED CONNECTOR/TRANSITION

SYSTEM	TYPE	OUTPUT	CEILING APPEARANCE	CRI / COLOR TEMPERATURE	FINISH	CONTROLS	VOLTAGE
RLS3	L	“L” CONNECTOR	RF	827	W	ELV	1 120 VOLT
	LPF	“L” CONNECTOR WITH POWER FEED*	RL	830		010	
	WTC	WALL-TO-CEILING		835		ELD0	2 277 VOLT
				927		ELD0A	
				930		ELD1	
				935		ELD1A	
				82740		HL2W	
						LUTRON HI-LUME 2 WIRE/PWM**	
						HLECO	
						FADE-TO-BLACK	
						DMX	
						DMX CONTROL	

\*0-10 VOLT DIMMING ONLY, NOT AVAILABLE WITH ELDOLED OPTIONS. \*\*HL2W – TWO WIRE LOW-VOLTAGE ELECTRONIC DIMMING, 120V ONLY. +“CLOSED” CONFIGURATION REQUIRE CONNECTOR WITH POWER FEED. †1000 LMS/FT ONLY AVAILABLE IN STATIC WHITE & WITH STANDARD ELV AND 0-10V DRIVERS.

# 3.0

## MERGE™ Suspended Linear Channels



The MERGE 3.0 Suspended LED linear system represents the marriage of indirect downlight, independent up light, and a track system; all in one system with independent control and outputs for optimal illumination. With varying length components, MERGE 3.0 Suspended can be configured up to a continuous 80' run from a single feed. MERGE Gimbal or Drop Down Spots, or many Tech Lighting low-voltage heads or pendants can be placed anywhere along the concealed low-voltage bus system for added versatility.

- Downlight, Uplight, and Low-Voltage Track in One Linear Fixture
- Illuminated Same-Plane Turns with a 90° Connector
- 4', 6', 8' Gangable Lengths
- Freejack Connector Allows the Use of Any Low-Voltage Tech Lighting Heads or Pendants
- Downlight, Uplight, and Track System Controllable Separately

### Optional:

- EM: integrated emergency battery back-up to provide illumination when main power is lost. EM battery is integrated in the MERGE linear channel housing and provides 90 minutes of egress illumination. Each EM fixture ships with a mounted test switch/indicator light.
- 4', 6', & 8' EM linear channel: 1107 total lumens (illuminates 4' section of the 8' channel)

## SPECIFICATIONS

	HIGH OUTPUT	STANDARD OUTPUT	LOW OUTPUT
DELIVERED LUMENS	Downlight: 1000 lms/ft	Downlight: 700 lms/ft Uplight: 600 lms/ft	Downlight: 350 lms/ft Uplight: 350 lms/ft
WATTS	Downlight: 14 watts/ft	Downlight: 9 watts/ft Uplight: 7 watts/ft	Downlight: 4.5 watts/ft Uplight: 4.5 watts/ft
EFFICACY	Downlight: 71 l/w	Downlight: 78 l/w Uplight: 86 l/w	Downlight: 78 l/w Uplight: 78 l/w
CRI	80+, 90+		
CCT OPTIONS	2700K, 3000K, 3500K, or Programmable White (2700K-4000K)		
COLOR CONSISTENCY	3-Step		
VOLTAGE	120V or 277V (Concealed 10 gauge, low-voltage bus bar, order 12-volt remote transformer sold separately)		
DIMMING	Premium TRIAC, ELV (Below 1% Standard) 0-10V (Down to 5%) Lutron Hi-Lume Ecosystem Fade-To-Black or PWM (Down to 1%) eldoLED 0-10V or Dali (Down to 0.1%)		
TRANSITIONS	90° "L" horizontal turns		
CEILING APPEARANCE	Suspended aircraft cable or rigid stem		
CEILING APERTURE	3" beveled aperture		
HOUSING	IC Airtight available in 4', 6' and 8'. IC suitable up to R60 spray foam insulation (Consult factory for Chicago Plenum). EM units available Non-IC only.		
POWER SUPPLY**	Constant Current (Each linear channel includes a self-contained ELV, 0-10V, Lutron Hi-Lume 2 Wire PWM (120V only) or Lutron Hi-Lume, Eco System Fade-to-Black Driver, 0-10V 1%, 0-10V 0.1%)		
CONSTRUCTION	Housing: 20 gauge sheet metal Extrusion: Aluminum		
HARDWARE	Steel		
FINISH	White Powder Coat		
GENERAL LISTING	ETL		
CALIFORNIA TITLE 24	Registered CEC Appliance Database. Can be used to comply with CEC 2016 Title 24 Part 6 (Static White, 90 CRI versions).		
LED LIFETIME	L70; 50,000 hours		
WARRANTY*	5 years		

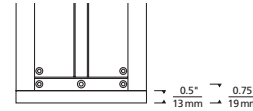
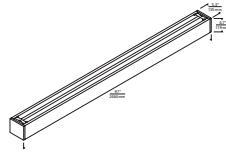
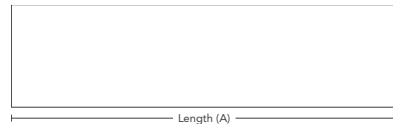
\*Visit ELEMENT-lighting.com for specific warranty limitations and details.

\*\*Consult Quotes Department for additional driver options.

Concealed 10 gauge, low-voltage bus bar, order 12-volt remote transformer separately.

Max run length is 80' for the channel; typical max run length is 40' for the low-voltage bus which can be powered from both sides for a total of 80'; system wattage will impact max run length.

## DIMENSIONS

LINEAR SUSPENDED  
(TOP VIEW)

LENGTH (A)

4'	INDIVIDUAL	48"
6'	INDIVIDUAL	72"
8'	INDIVIDUAL	96"

Please note that end caps will add 1" to overall length of the system

## PERFORMANCE

LOW OUTPUT  
UPLIGHT (350 LPF)

LINEAR CHANNEL	FIXTURE OUTPUT (LMS)*	WATTAGE
4 FT	1850	18
6 FT	2775	27
8 FT	3700	36

\*REPRESENTS 3500K/80CRI

LOW OUTPUT  
DOWNLIGHT (350 LPF)

LINEAR CHANNEL	FIXTURE OUTPUT (LMS)*	WATTAGE
4 FT	1400	18
6 FT	2100	27
8 FT	2800	36

\*REPRESENTS 3500K/80CRI

STANDARD OUTPUT  
UPLIGHT (600 LPF)

LINEAR CHANNEL	FIXTURE OUTPUT (LMS)*	WATTAGE
4 FT	2800	28
6 FT	4200	42
8 FT	5600	56

\*REPRESENTS 3500K/80CRI

STANDARD OUTPUT  
DOWNLIGHT (700 LPF)

LINEAR CHANNEL	FIXTURE OUTPUT (LMS)*	WATTAGE
4 FT	2800	36
6 FT	4200	54
8 FT	5600	72

\*REPRESENTS 3500K/80CRI

HIGH OUTPUT  
DOWNLIGHT(1000 LPF)

LINEAR CHANNEL	FIXTURE OUTPUT (LMS)*	WATTAGE
4 FT	4000	56
6 FT	6000	84
8 FT	8000	112

\*REPRESENTS 3500K/80CRI

## ORDERING GRIDS

## SUSPENDED LINEAR CHANNELS

SYSTEM	NOMINAL LENGTH	DOWNLIGHT OUTPUT	UPLIGHT OUTPUT	MOUNTING	CRI/CCT	FINISH	CONTROLS	OPTIONAL
SLS3	4 4 FT	1 1000 LMS/FT DOWNLIGHT	6 600 LMS/FT UPLIGHT	SR04 48" RIGID STEM	827 80CRI, 2700K	W MATTE WHITE	ELV/0-10V DIMMING UNV**	-EM LEAVE BLANK IF NO DESIRED OPTIONS EMERGENCY BATTERY†
	6 6 FT	7 700 LMS/FT DOWNLIGHT	3 350 LMS/FT UPLIGHT	SR08 96" RIGID STEM	830 80CRI, 3000K		ELDOLED 0.1% 0-10V LINEAR UNV**	
	8 8 FT	3 350 LMS/FT DOWNLIGHT	0 NO UPLIGHT††	SA04 48" ADJUSTABLE CABLE	835 80CRI, 3500K		ELD0A ELDOLED 0.1% 0-10V LOGARITHMIC UNV**	
		0 NO DOWNLIGHT††		SA12 144" ADJUSTABLE CABLE	927 90CRI, 2700K		ELD1 ELDOLED 1% 0-10V LINEAR UNV**	
					930 90CRI, 3000K		ELD1A ELDOLED 1% 0-10V LOGARITHMIC UNV**	
					935 90CRI, 3500K		HL2W LUTRON HI-LUME 1% 2 WIRE/PWM†	
					82740 80CRI, 4000K-2700K, PROGRAMMABLE WHITE*		HLECO LUTRON HI-LUME 0.1% ECOSYSTEM FADE-TO-BLACK UNV**	

\*0-10V DIMMING ONLY, NOT AVAILABLE WITH ELDOLED OPTIONS. \*\*UNV = 120V/277V INPUT VOLTAGE. †HL2W - 2-WIRE LOW-VOLTAGE ELECTRONIC DIMMING, 120 VOLT ONLY. ††CANNOT SELECT "00" NO DOWNLIGHT/NO UPLIGHT. ‡EM OPTION ONLY AVAILBE ON STATIC WHITE (NO PROGRAMMABLE WHITE).

## FINISHING KIT

SYSTEM	TYPE	STYLE	MOUNTING	FINISH
SLS3	FK FINISHING KIT	1 CLOSED ENDCAP	SR04 48" RIGID STEM	W MATTE WHITE
			SR08 96" RIGID STEM	S SILVER
			SA04 48" ADJUSTABLE CABLE	
			SA12 144" ADJUSTABLE CABLE	

INCLUDES 2 ENDCAPS, 1 ADDITIONAL SUSPENSION MOUNT &amp; ALL NECESSARY MOUNTING HARDWARE

TRANSFORMERS\*  
(ORDERED SEPARATELY, WHEN POWERING  
LOW-VOLTAGE TRACK)

ITEM	DESCRIPTION	DIMMING
700AT060EL	ELECTRONIC, 60W, 120V	ELV
700AT152EL	ELECTRONIC, 150W, 120V	ELV
700AT152ELD010	ELECTRONIC, 150W, 120V	0-10V
700AT150T	MAGNETIC, 150W, 120V	MAGNETIC
700AT150T277	MAGNETIC, 150W, 277V	MAGNETIC
700AT302EL	ELECTRONIC, 300W, 120V	ELV
700AT300T	MAGNETIC, 300W, 120V	MAGNETIC
700AT300T277	MAGNETIC, 300W, 277V	MAGNETIC

DO NOT LOAD TRANSFORMER ABOVE 70% OF RATED LOAD DUE TO IN-RUSH CURRENT. \*CONSULT SPEC SHEETS FOR DIMENSIONS.

## POWER FEED CANOPY

SYSTEM	TYPE	FINISH
SLS3	PFM POWER FEED W/MOUNTING POINT	W MATTE WHITE
	MPFM MID-RUN POWER FEED W/MOUNTING POINT*	S SILVER
	PFM12 POWER FEED W/MOUNTING POINT & 12V FEED	
	MPFM12 MID-RUN POWER FEED W/MOUNTING POINT & 12V FEED*	

INCLUDES MOUNTING HARDWARE AND NECESSARY CORD/WIRE TO COMPLETE ELECTRICAL CONNECTIONS. \*USE WHEN POWERING MULTIPLE FIXTURES NOT FROM END OF RUN.

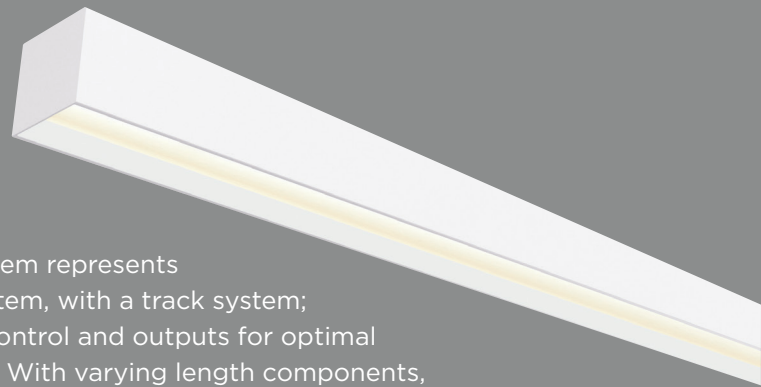
## T-BAR CLIPS

SYSTEM	SIZE	FINISH
SLS	09 9/16"	B BLACK
	15 15/16"	W WHITE

USED WHEN INSTALLING A SUSPENDED MERGE SYSTEM RUN ON A LAY-IN T-GRID CEILING, EACH SUSPENSION POINT REQUIRES ONE T-BAR CLIP. SHOWN WITH COUPLING INCLUDED WITH FIXTURE MOUNTING HARDWARE.

# 3.0

## MERGE™ Flush Mount Linear Channels



The MERGE 3.0 Flush LED linear system represents the marriage of an indirect linear system, with a track system; all in one system with independent control and outputs for optimal illumination and power conservation. With varying length components, MERGE 3.0 Flush can be configured up to a continuous 80' run from a single feed. MERGE Gimbal or Drop Down Spots, or Tech Lighting low-voltage heads or pendants can be placed anywhere along the concealed low-voltage bus system for added versatility.

- Indirect Linear General Illumination System with Integrated Low-Voltage Track
- Illuminated Same-Plane Turns With A 90° Connector
- 4', 6', 8' Gangable Lengths
- Freejack Connector Allows the Use of Any Low-Voltage Tech Lighting Heads or Pendants

### Optional:

- EM: integrated emergency battery back-up to provide illumination when main power is lost. EM battery is integrated in the MERGE linear channel housing and provides 90 minutes of egress illumination. Each EM fixture ships with a mounted test switch/indicator light.
- 4', 6', & 8' EM linear channel: 1107 total lumens (illuminates 4' section of the 8' channel)

## SPECIFICATIONS

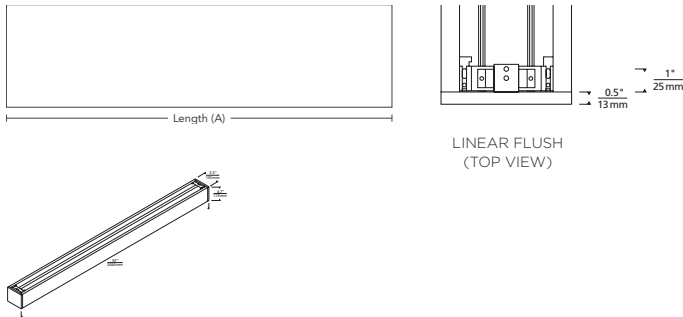
	HIGH OUTPUT	STANDARD OUTPUT	LOW OUTPUT
DELIVERED LUMENS	Downlight: 1000 lms/ft	Downlight: 700 lms/ft	Downlight: 350 lms/ft
WATTS	Downlight: 14 watts/ft	Downlight: 9 watts/ft	Downlight: 4.5 watts/ft
EFFICACY	71 l/w (80CRI, 3500K)	78 l/w (80CRI, 3500K)	78 l/w (80CRI, 3500K)
CRI	80+, 90+		
CCT OPTIONS	2700K, 3000K, 3500K, or Programmable White (2700K-4000K)		
COLOR CONSISTENCY	3-Step		
VOLTAGE	120V or 277V (Concealed 10 gauge, low-voltage bus bar, order 12-volt remote transformer sold separately)		
DIMMING	Premium TRIAC, ELV (Below 1% Standard) 0-10V (Down to 5%) Lutron Hi-Lume Ecosystem Fade-To-Black or PWM (Down to 1%) eldoLED 0-10V or Dali (Down to 0.1%)		
TRANSITIONS	90° "L" horizontal turns		
CEILING APPEARANCE	Flush Mount		
CEILING APERTURE	3" beveled aperture		
HOUSING	IC Airtight available in 4', 6' and 8'. IC suitable up to R60 spray foam insulation (Consult factory for Chicago Plenum). EM units available Non-IC only.		
POWER SUPPLY**	Constant Current (Each linear channel includes a self-contained ELV, 0-10V, Lutron Hi-Lume 2 Wire PWM (120V only) or Lutron Hi-Lume, Eco System Fade-to-Black Driver, 0-10V 1%, 0-10V 0.1%)		
CONSTRUCTION	Aluminum		
HARDWARE	Steel		
FINISH	White Powder Coat		
GENERAL LISTING	ETL		
CALIFORNIA TITLE 24	Registered CEC Appliance Database. Can be used to comply with CEC 2016 Title 24 Part 6 (Static White, 90 CRI versions).		
LED LIFETIME	L70; 50,000 hours		
WARRANTY*	5 years		

\*Visit ELEMENT-lighting.com for specific warranty limitations and details.

\*\*Consult Quotes Department for additional driver options.

Concealed 10 gauge, low-voltage bus bar, order 12-volt remote transformer separately. Max run length is 80' for the channel; typical max run length is 40' for the low-voltage bus which can be powered from both sides for a total of 80'; system wattage will impact max run length.

DIMENSIONS



LENGTH (A)		
4'	INDIVIDUAL	48"
6'	INDIVIDUAL	72"
8'	INDIVIDUAL	96"

Please note that end caps will add 1" to overall length of the system.

PERFORMANCE

LOW OUTPUT  
(350 LPF)

LINEAR CHANNEL	FIXTURE OUTPUT (LMS)*	WATTAGE
4 FT	1400	18
6 FT	2100	27
8 FT	2800	36

\*REPRESENTS 3500K/80CRI

STANDARD OUTPUT  
(700 LPF)

LINEAR CHANNEL	FIXTURE OUTPUT (LMS)*	WATTAGE
4 FT	2800	36
6 FT	4200	54
8 FT	5600	72

\*REPRESENTS 3500K/80CRI

HIGH OUTPUT  
(1000 LPF)

LINEAR CHANNEL	FIXTURE OUTPUT (LMS)*	WATTAGE
4 FT	4000	56
6 FT	6000	84
8 FT	8000	112

\*REPRESENTS 3500K/80CRI

ORDERING GRIDS

FLUSH MOUNT LINEAR CHANNELS

SYSTEM	NOMINAL LENGTH	OUTPUT	CRI/CCT	FINISH	CONTROLS	OPTIONAL
FLS3	4 4 FT	10 1400 LMS/FT DOWNLIGHT ONLY**	827 80 CRI, 2700K	W MATTE WHITE	ELV/0-10V DIMMING UNV**	LEAVE BLANK IF NO DESIRED OPTIONS
	6 6 FT	70 700 LMS/FT DOWNLIGHT ONLY	830 80 CRI, 3000K		ELD0 ELD0A ELD1 ELD1A	
	8 8 FT	30 350 LMS/FT DOWNLIGHT ONLY	835 80 CRI, 3500K		ELD0A ELD1 ELD1A	
			927 90 CRI, 2700K		ELD1A	-EM EMERGENCY BATTERY*
			930 90 CRI, 3000K		HL2W	
			935 90 CRI, 3500K		HLECO	
			82740 80 CRI, 4000K-2700K, PROGRAMMABLE WHITE*			

\*0-10 VOLT DIMMING ONLY, NOT AVAILABLE WITH ELDOLED OPTIONS. \*\*UNV = 120V/277V INPUT VOLTAGE. †HL2W - 2-WIRE LOW-VOLTAGE ELECTRONIC DIMMING, 120V ONLY. ††1000 LMS/FT ONLY AVAILABLE IN STATIC WHITE AND ONLY WITH STANDARD ELV AND 0-10V DRIVERS. ‡EM ONLY AVAILABLE ON STATIC WHITE LINEAR CHANNELS.

TRANSFORMERS\*  
(ORDERED SEPARATELY, WHEN POWERING LOW-VOLTAGE TRACK)

ITEM	DESCRIPTION	DIMMING
700AT060EL	ELECTRONIC, 60W, 120V	ELV
700AT152EL	ELECTRONIC, 150W, 120V	ELV
700AT152ELD010	ELECTRONIC, 150W, 120V	0-10V
700AT150T	MAGNETIC, 150W, 120V	MAGNETIC
700AT150T277	MAGNETIC, 150W, 277V	MAGNETIC
700AT302EL	ELECTRONIC, 300W, 120V	ELV
700AT300T	MAGNETIC, 300W, 120V	MAGNETIC
700AT300T277	MAGNETIC, 300W, 277V	MAGNETIC

DO NOT LOAD TRANSFORMER ABOVE 70% OF RATED LOAD DUE TO IN-RUSH CURRENT. \*CONSULT SPEC SHEETS FOR DIMENSIONS.

FINISHING KIT

SYSTEM	TYPE	STYLE	FINISH
FLS3	FK FINISHING KIT	1 CLOSED ENDCAPS	W MATTE WHITE S SILVER

INCLUDES 2 ENDCAPS.

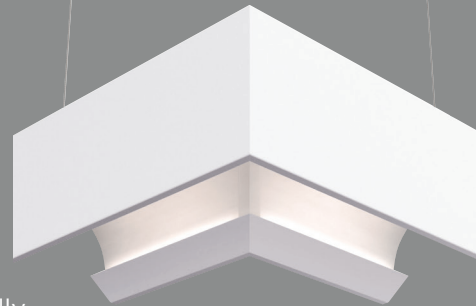
T-BAR CLIPS

SYSTEM	SIZE	FINISH
SLS	09 9/16"	B BLACK
	15 15/16"	W WHITE

USED WHEN INSTALLING A SUSPENDED MERGE SYSTEM RUN ON A LAY-IN T-GRID CEILING, EACH SUSPENSION POINT REQUIRES ONE T-BAR CLIP. SHOWN WITH COUPLING INCLUDED WITH FIXTURE MOUNTING HARDWARE.

# 3.0

## MERGE™ Suspended & Flush Mount Connectors 90° "L" Connector



The continuous line aesthetic created by the MERGE 3.0 system is enhanced using a specifically engineered 90° turn connector. Lines of LED light can be designed to seamlessly make 90° same-plane turns for enhanced design interest while also allowing the option to add spot heads for accent and task lighting, all without adding more light fixtures to the space.

- 3-Step or Better Color Binning
- Internal Reflector Finished with High Reflectance Matte White Paint for Even Light Distribution & Optimal Efficiency
- Note: Suspended corner connectors accept low-voltage track heads only. Corner connectors not suitable for pendant mounting.

### SPECIFICATIONS

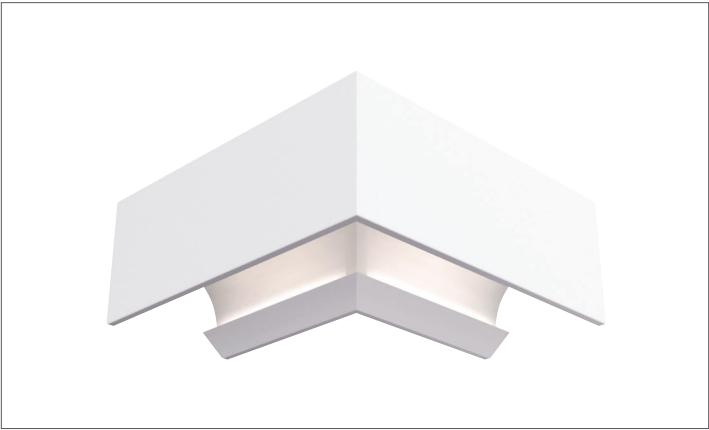
	HIGH OUTPUT	STANDARD OUTPUT	LOW OUTPUT
DELIVERED LUMENS	Downlight: 1000 lms/ft	Downlight: 700 lms/ft	Downlight: 350 lms/ft
WATTS	Downlight: 14 watts/ft	Downlight: 9 watts/ft	Downlight: 4.5 watts/ft
EFFICACY	71 l/w (80CRI, 3500K)	71 l/w (80CRI, 3500K)	71 l/w (80CRI, 3500K)
CRI	80+, 90+		
CCT OPTIONS	2700K, 3000K, 3500K, or Programmable White (2700K-4000K)		
COLOR CONSISTENCY	3-Step		
VOLTAGE	120V or 277V (Concealed 10 gauge, low-voltage bus bar, order 12-volt remote transformer sold separately)		
DIMMING	Premium TRIAC, ELV (Below 1% Standard) 0-10V (Down to 5%) Lutron Hi-Lume Ecosystem Fade-To-Black or PWM (Down to 1%) eldoLED 0-10V or Dali (Down to 0.1%)		
CEILING APPEARANCE	Suspended aircraft cable or rigid stem Flush Mount		
CEILING APERTURE	3" beveled aperture		
HOUSING	IC Airtight available in 4', 6' and 8'. IC suitable up to R60 spray foam insulation (Consult factory for Chicago Plenum). EM units available Non-IC only.		
POWER SUPPLY**	Constant Current (Each linear channel includes a self-contained ELV, 0-10V, Lutron Hi-Lume 2 Wire PWM (120V only) or Lutron Hi-Lume, Eco System Fade-to-Black Driver, 0-10V 1%, 0-10V 0.1%)		
CONSTRUCTION	Housing: 20 gauge sheet metal Extrusion: Aluminum		
HARDWARE	Steel		
FINISH	White Powder Coat		
GENERAL LISTING	ETL		
CALIFORNIA TITLE 24	Registered CEC Appliance Database. Can be used to comply with CEC 2016 Title 24 Part 6 (Static White, 90 CRI versions).		
LED LIFETIME	L70; 50,000 hours		
WARRANTY*	5 years		

\*Visit ELEMENT-lighting.com for specific warranty limitations and details.

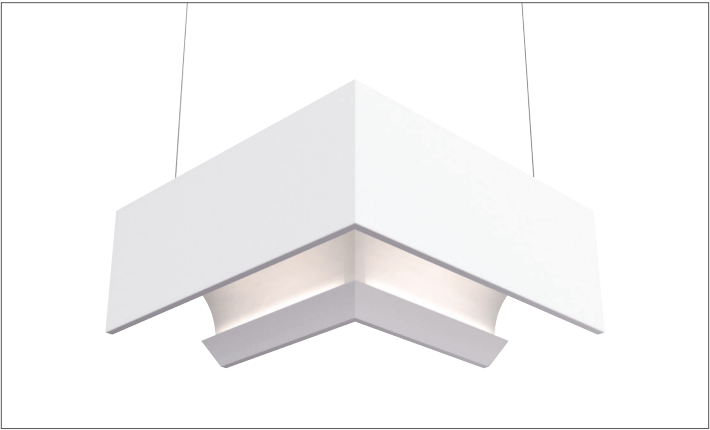
\*\*Consult Quotes Department for additional driver options.

Concealed 10 gauge, low-voltage bus bar, order 12-volt remote transformer separately. Max run length is 80' for the channel; typical max run length is 40' for the low-voltage bus which can be powered from both sides for a total of 80'; system wattage will impact max run length.

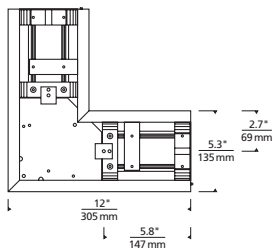
FLUSH MOUNT



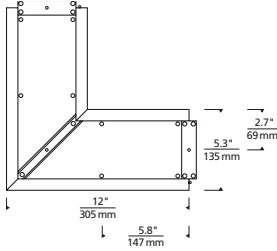
SUSPENDED



DIMENSIONS



FLUSH 90° "L" CONNECTOR  
(TOP VIEW)



SUSPENDED 90° "L" CONNECTOR  
(TOP VIEW)

ORDERING GRIDS

SUSPENDED LINEAR CONNECTOR

SYSTEM	TYPE	OUTPUT	MOUNTING	CRI/CCT	FINISH	CONTROLS	OPTIONAL
SLS3	L "L" CONNECTOR	10 1000 LMS/FT DOWNLIGHT ONLY**	SR04 48" RIGID STEM	827 80CRI, 2700K	W MATTE WHITE	ELV/0-10V DIMMING UNV**	LEAVE BLANK IF NO DESIRED OPTIONS -EM EMERGENCY BATTERY*
		70 700 LMS/FT DOWNLIGHT ONLY	SR08 96" RIGID STEM	830 80CRI, 3000K		ELD0 ELDOLED 0.1% 0-10V LINEAR UNV**	
		30 350 LMS/FT DOWNLIGHT ONLY	SA04 48" ADJUSTABLE CABLE	835 80CRI, 3500K		ELD0A ELDOLED 0.1% 0-10V LOGARITHMIC UNV**	
			SA12 144" ADJUSTABLE CABLE	927 90CRI, 2700K		ELD1 ELDOLED 1% 0-10V LINEAR UNV**	
				930 90CRI, 3000K		ELD1A ELDOLED 1% 0-10V LOGARITHMIC UNV**	
				935 90CRI, 3500K		HL2W LUTRON HI-LUME 1% 2 WIRE/PWM†	
				82740 80CRI, 4000K-2700K, PROGRAMMABLE WHITE*		HLECO LUTRON HI-LUME 0.1% ECOSYSTEM FADE-TO-BLACK UNV**	

\*0-10V DIMMING ONLY, NOT AVAILABLE WITH ELDOLED OPTIONS. \*\*UNV = 120V/277V INPUT VOLTAGE. †HL2W - 2-WIRE LOW-VOLTAGE ELECTRONIC DIMMING, 120V ONLY. ††1000 LPF ONLY AVAILABLE IN STATIC WHITE AND ONLY WITH STANDARD ELV AND 0-10V DRIVERS. #EM ONLY AVAILBE ON STATIC WHITE LINEAR CHANNELS.

FLUSH MOUNT LINEAR CONNECTOR

SYSTEM	TYPE	OUTPUT	CRI/CCT	FINISH	CONTROLS
FLS3	L "L" CONNECTOR	10 1000 LMS/FT**	827 80 CRI, 2700K	W MATTE WHITE	ELV/0-10V DIMMING UNV**
		70 700 LMS/FT	830 80 CRI, 3000K		ELD0 ELDOLED 0.1% 0-10V LINEAR UNV**
		30 350 LMS/FT	835 80 CRI, 3500K		ELD0A ELDOLED 0.1% 0-10V LOGARITHMIC UNV**
			927 90 CRI, 2700K		ELD1 ELDOLED 1% 0-10V LINEAR UNV**
			930 90 CRI, 3000K		ELD1A ELDOLED 1% 0-10V LOGARITHMIC UNV**
			935 90 CRI, 3500K		HL2W LUTRON HI-LUME 1% 2 WIRE/PWM†
			82740 80 CRI, 4000K-2700K, PROGRAMMABLE WHITE*		HLECO LUTRON HI-LUME 0.1% ECO-SYSTEM FADE-TO-BLACK UNV**

\*0-10 VOLT DIMMING ONLY, NOT AVAILABLE WITH ELDOLED OPTIONS. \*\*UNV = 120V/277V INPUT VOLTAGE. †HL2W – TWO WIRE LOW-VOLTAGE ELECTRONIC DIMMING, 120 VOLT ONLY. ††1000 LMS/FT ONLY AVAILABLE IN STATIC WHITE AND ONLY WITH STANDARD ELV AND 0-10V DRIVERS.

T-BAR CLIPS

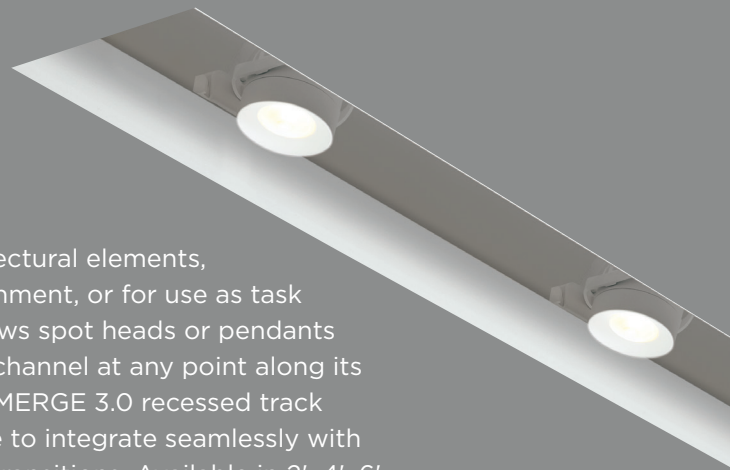
SYSTEM	SIZE	FINISH
SLS	09 9/16"	B BLACK
	15 15/16"	W WHITE

USED WHEN INSTALLING A SUSPENDED MERGE SYSTEM RUN ON A LAY-IN T-GRID CEILING, EACH SUSPENSION POINT REQUIRES ONE T-BAR CLIP. SHOWN WITH COUPLING INCLUDED WITH FIXTURE MOUNTING HARDWARE.

# 3.0

## MERGE™ Recessed Linear Tracks Flanged, Flangeless & Lay-In (T-Grid)

1 YEAR  
WARRANTY



Whether being used to highlight architectural elements, to accent specific features of an environment, or for use as task lighting, MERGE 3.0 recessed track allows spot heads or pendants to be added directly into the recessed channel at any point along its concealed low-voltage bus system. All MERGE 3.0 recessed track components feature a beveled aperture to integrate seamlessly with architecture for sleek ceiling to fixture transitions. Available in 2', 4', 6' and 8' lengths (with a number of connector options) for flanged installation.

- Two Spot Head Options: MERGE Gimbal and MERGE Drop-Down
- Twist-and-Lock Design Allows LED Adjustable Spot Heads to be Placed Anywhere Along the Bus Channel
- Low Profile Design for Use in 2X6 Construction
- Optional 90° Horizontal Turns or 90° Ceiling-to-Wall Transitions (not available in Lay-In)
- Continuous Linear Runs Require a Start Unit, Intermediate Fixtures and End Unit
- Freejack Connector Allows the Use of Any Tech Lighting Low-Voltage Head or Pendant

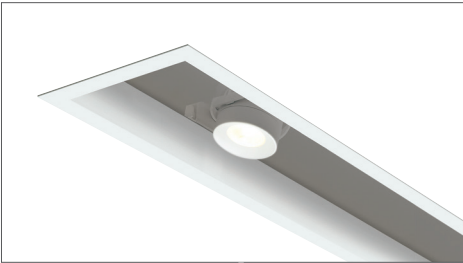
### SPECIFICATIONS

VOLTAGE	120V or 277V (Concealed 10 gauge, low-voltage bus bar, order 12-volt remote transformer sold separately)
CEILING APERTURE	3" beveled
CEILING APPEARANCE	Flanged (field paintable), has 6.2" width overlapping concealing ceiling cutout Flangeless, includes plaster plate, including mitered ends as needed Lay-in (T-grid) optimized for 9/16" or 15/16"
HOUSING	IC Airtight available in 4', 6' and 8'. IC suitable up to R60 spray foam insulation (Consult Quotes Department for Chicago Plenum option)
TRANSITIONS	Optional 90° horizontal turns (same plane) or 90° ceiling-to-wall
GENERAL LISTING	ETL
CONSTRUCTION	Housing: 20 gauge sheet metal Extrusion: Aluminum
HARDWARE	Steel
FINISH	White Powder Coat
WARRANTY*	1 Year*

\*Visit [ELEMENT-lighting.com](http://ELEMENT-lighting.com) for specific warranty limitations and details.

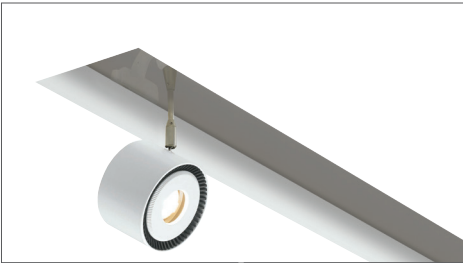
Notes: Typical max run length is 40' for the low-voltage bus which can be powered from both sides for a total of 80'; system wattage will impact max run length

FLANGED



FLANGED		A	B	C
4'	INDIVIDUAL	6.16	5.71	48.21
	START	6.16	5.71	46.61
	INTERMEDIATE	6.16	5.71	48.00
	END	6.16	5.71	49.61
6'	INDIVIDUAL	6.16	5.71	72.21
	START	6.16	5.71	70.61
	INTERMEDIATE	6.16	5.71	72.00
	END	6.16	5.71	73.61
8'	INDIVIDUAL	6.16	5.71	96.21
	START	6.16	5.71	94.61
	INTERMEDIATE	6.16	5.71	96.00
	END	6.16	5.71	97.61

FLANGELESS



FLANGELESS		A	B	C
4'	INDIVIDUAL	6.32	5.64	48.30
	START	6.32	5.64	46.65
	INTERMEDIATE	6.32	5.64	48.00
	END	6.32	5.64	49.65
6'	INDIVIDUAL	6.16	5.71	72.30
	START	6.16	5.71	70.65
	INTERMEDIATE	6.16	5.71	72.00
	END	6.16	5.71	73.65
8'	INDIVIDUAL	6.32	5.64	96.30
	START	6.32	5.64	94.65
	INTERMEDIATE	6.32	5.64	96.00
	END	6.32	5.64	97.65

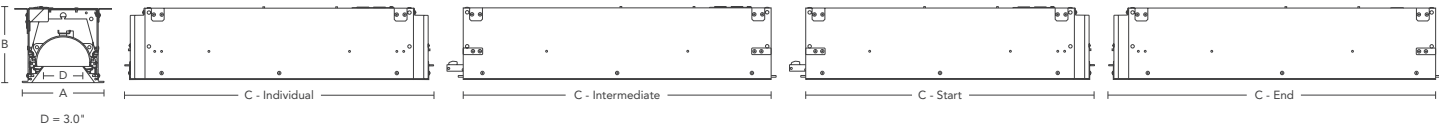
LAY-IN (T-GRID)



LAY-IN (T-GRID)		A	B	C
4'	INDIVIDUAL	5.75	5.64	47.73
	START	5.75	5.64	46.36
	INTERMEDIATE	5.75	5.64	48.00
	END	5.75	5.64	49.36
6'	INDIVIDUAL	5.75	5.64	71.73
	START	5.75	5.64	70.63
	INTERMEDIATE	5.75	5.64	72.00
	END	5.75	5.64	73.36
8'	INDIVIDUAL	5.75	5.64	95.73
	START	5.75	5.64	94.36
	INTERMEDIATE	5.75	5.64	96.00
	END	5.75	5.64	97.36

All dimensions given in inches.

DIMENSIONS (SEE CHART ABOVE)



ORDERING GRIDS

RECESSED LINEAR TRACK

SYSTEM	NOMINAL LENGTH	TYPE	OUTPUT	CEILING APPEARANCE	FINISH
RLS3	4 4 FT	S START	0 NO INDIRECT - 12V BUS ONLY*	RF RECESSED FLANGED	W MATTE WHITE
	6 6 FT	M INTERMEDIATE		RL RECESSED FLANGELESS	
	8 8 FT	E END		LI LAY-IN (T-GRID)	
		I INDIVIDUAL			

\*TRANSFORMER REQUIRED TO ENERGIZE THE LOW-VOLTAGE BUS.

TRANSFORMERS\*  
(REQUIRED, ORDERED SEPARATELY)

ITEM	DESCRIPTION	DIMMING
700AT060EL	ELECTRONIC, 60W, 120V	ELV
700AT152EL	ELECTRONIC, 150W, 120V	ELV
700AT152ELD010	ELECTRONIC, 150W, 120V	0-10V
700AT150T	MAGNETIC, 150W, 120V	MAGNETIC
700AT150T277	MAGNETIC, 150W, 277V	MAGNETIC
700AT302EL	ELECTRONIC, 300W, 120V	ELV
700AT300T	MAGNETIC, 300W, 120V	MAGNETIC
700AT300T277	MAGNETIC, 300W, 277V	MAGNETIC

DO NOT LOAD TRANSFORMER ABOVE 70% OF RATED LOAD DUE TO IN-RUSH CURRENT. \*CONSULT SPEC SHEETS FOR DIMENSIONS.

FLANGED WALL MOUNT BRACKET

SYSTEM	TYPE
RLS3	RFWB RECESSED FLANGED WALL BRACKET
LINEAR CHANNEL	
BRACKETS NEEDED PER RUN*	
4 FT	3
6 FT	5
8 FT	5

\*FOR USE WITH UNITS BEING MOUNTED IN WALL.  
1 BRACKET FOR EVERY 2 LINEAR FEET.

# 3.0

## MERGE™ Recessed Track Connector 90° "L" Connector & Wall-to-Ceiling

**1 YEAR**  
WARRANTY

- Seamlessly Makes Wall-to-Ceiling Transitions for Enhanced Design
- Low Profile Design for Use in 2X6 Construction
- Flanged Option is Field Paintable
- Option to Add Spot Heads for Accent and Task Lighting

The continuous line aesthetic created by the MERGE 3.0 recessed track system is enhanced using a specifically engineered 90° turn connector. MERGE 3.0 recessed track can be designed to seamlessly make 90° same-plane turns for enhanced design interest while also allowing the option to add spot heads for accent and task lighting, all without adding more light fixtures to the space.



### SPECIFICATIONS

VOLTAGE	120V or 277V (Concealed 10 gauge, low-voltage bus bar, order 12-volt remote transformer sold separately)
CEILING APERTURE	3" beveled
CEILING APPEARANCE	Flanged or Flangeless
HOUSING	IC Airtight (IC suitable up to R60 spray foam insulation)
TRANSITIONS	Seamlessly make 90° (same plane) turns for enhanced design
GENERAL LISTING	ETL
CONSTRUCTION	Housing: 20 gauge sheet metal Extrusion: Aluminum
HARDWARE	Steel
FINISH	White Powder Coat
WARRANTY*	1 Year*

\*Visit [ELEMENT-lighting.com](http://ELEMENT-lighting.com) for specific warranty limitations and details.

Notes: Typical max run length is 40' for the low-voltage bus which can be powered from both sides for a total of 80'; system wattage will impact max run length

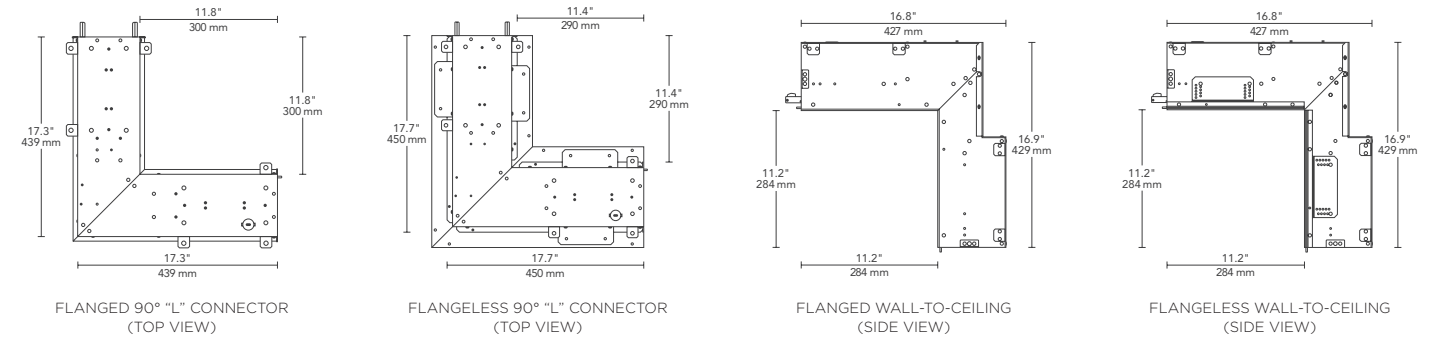
90° “L” TURN (FLANGED)



WALL-TO-CEILING (FLANGELESS)



DIMENSIONS



ORDERING GRIDS

CONNECTOR/TRANSITION

SYSTEM	TYPE	OUTPUT	CEILING APPEARANCE	FINISH
RLS3	L	0 NO INDIRECT - 12V BUS ONLY*	RF RECESSED FLANGED	W MATTE WHITE
	LPF		RL RECESSED FLANGELESS	
	WTC			

\*TRANSFORMER REQUIRED TO ENERGIZE THE LOW-VOLTAGE BUS. 1" "CLOSED" CONFIGURATIONS REQUIRE CONNECTOR WITH POWER FEED.

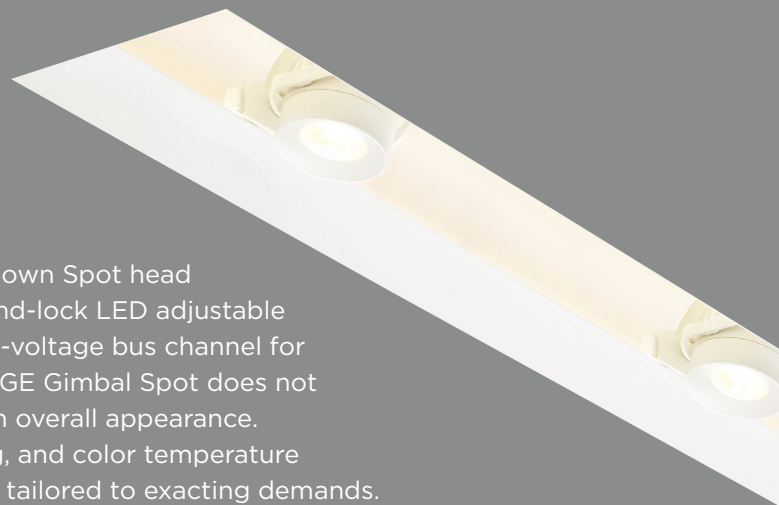
TRANSFORMERS\* (ORDERED SEPARATELY)

ITEM	DESCRIPTION	DIMMING
700AT060EL	ELECTRONIC, 60W, 120V	ELV
700AT152EL	ELECTRONIC, 150W, 120V	ELV
700AT152ELD010	ELECTRONIC, 150W, 120V	0-10V
700AT150T	MAGNETIC, 150W, 120V	MAGNETIC
700AT150T277	MAGNETIC, 150W, 277V	MAGNETIC
700AT302EL	ELECTRONIC, 300W, 120V	ELV
700AT300T	MAGNETIC, 300W, 120V	MAGNETIC
700AT300T277	MAGNETIC, 300W, 277V	MAGNETIC

DO NOT LOAD TRANSFORMER ABOVE 70% OF RATED LOAD DUE TO IN-RUSH CURRENT. \*CONSULT SPEC SHEETS FOR DIMENSIONS.

# 3.0

## MERGE™ Spot Heads Gimbal, Drop-Down & Adapter



The MERGE 3.0 Gimbal and Drop-Down Spot head options allow you to simply twist-and-lock LED adjustable spot heads anywhere along the low-voltage bus channel for stunning design flexibility. The MERGE Gimbal Spot does not break the ceiling plane for a smooth overall appearance. Options for beam spread, mounting, and color temperature allow designers to specify a system tailored to exacting demands.

### SPECIFICATIONS

	GIMBAL SPOT HEAD	DROP-DOWN SPOT HEAD
DELIVERED LUMENS	836 (80CRI, 3500K)	669 (90CRI, 3500K)
WATTS	9.3	9.3
EFFICACY	90 l/w	72 l/w
CRI	80+ & 90+	90+
CBCP (40°)	1472	1472
CCT OPTIONS	2700K, 3000K, 3500K	
COLOR CONSISTENCY	3-step	
VOLTAGE	120V or 277V (concealed 10 gauge, low-voltage bus bar, order 12 volt remote transformer sold separately)	
DIMMING	ELV, 0-10V, MLV. Dimming dependent on transformer (see grid for details)	
FIELD CHANGEABLE OPTICS	20°, 30°, 40°, 60°	
ADJUSTABILITY	40° tilt, 360° rotation	90° tilt, 360° rotation
POWER SUPPLY	12VAC	
LED LIFETIME	L70; 50,000 hours	
WARRANTY*	5 years	

\*Visit [techlighting.com](http://techlighting.com) for specific warranty limitations and details.

Maximum number of spots is variable depending on the length of the housing panel; 1 spot per foot of housing panel.

Max run length is 80' for the channel; typical max run length is 40' for the low-voltage bus which can be powered from both sides for a total of 80'; system wattage will impact max run length

## GIMBAL SPOT HEAD



- Gimbal Spot Head mounts within the MERGE linear channel, does not break the ceiling plane
- Twist-and-lock design allows LED adjustable spot heads to be placed anywhere along the bus channel
- 3-Step color binning or better

## DROP-DOWN SPOT HEAD



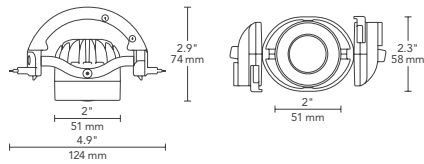
- Drop-down spot head extends beneath the linear channel to minimize cut-off at higher angle aiming
- 3-Step or better color binning
- Includes MERGE FreeJack adapter

## FREEJACK ADAPTER

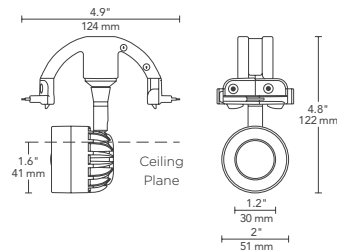


- Cast-aluminum construction
- Snap-in, locking mechanism
- 12V
- Accepts Tech Lighting low-voltage FreeJack heads or pendants

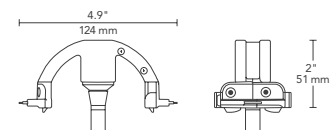
## DIMENSIONS



GIMBAL SPOT HEAD



DROP-DOWN SPOT HEAD



FREEJACK ADAPTER

## ORDERING GRIDS

## SPOT HEAD\*

SYSTEM	TYPE	CRI / COLOR TEMPERATURE	BEAM SPREAD	FINISH
RLS3	G GIMBAL	827 80 CRI, 2700K	2 20°	W MATTE WHITE
	D DROP DOWN	830 80 CRI, 3000K	3 30°	
		835 80 CRI, 3500K	4 40°	
		927 90 CRI, 2700K	6 60°	
		930 90 CRI, 3000K		
		935 90 CRI, 3500K		

## LENSES/LOUVERS

MOC	TYPE
GG	PLAIN GLASS
SF	SOFT FOCUS
LL	LINEAR SPREAD
EC	EGGCRATE LOUVER
LS1-W	1" LONG SNOOT WHITE
LS12-W	1/2" LONG SNOOT WHITE

## REPLACEMENT OPTICS

351LEDGATOPT	BEAM SPREAD
20	20°
30	30°
40	40°
60	60°

\*TRANSFORMER REQUIRED

## TRANSFORMERS\* (ORDERED SEPARATELY)

ITEM	DESCRIPTION	DIMMING
700AT060EL	ELECTRONIC, 60W, 120V	ELV
700AT152EL	ELECTRONIC, 150W, 120V	ELV
700AT152ELD010	ELECTRONIC, 150W, 120V	0-10V
700AT150T	MAGNETIC, 150W, 120V	MAGNETIC
700AT150T277	MAGNETIC, 150W, 277V	MAGNETIC
700AT302EL	ELECTRONIC, 300W, 120V	ELV
700AT300T	MAGNETIC, 300W, 120V	MAGNETIC
700AT300T277	MAGNETIC, 300W, 277V	MAGNETIC

DO NOT LOAD TRANSFORMER ABOVE 70% OF RATED LOAD DUE TO IN-RUSH CURRENT. \*CONSULT SPEC SHEETS FOR DIMENSIONS.

## FREEJACK ADAPTER

SYSTEM	TYPE	FINISH
RLS3	FJ FREEJACK ADAPTER	W MATTE WHITE

Remote transformers install in an accessible location behind the ceiling or wall.  
For technical information on remote transformers, see below.

SINGLE-FEED TRANSFORMERS

	INPUT VOLTAGE OUTPUT VOLTAGE WATTAGE / TYPE	ITEM NUMBER	COMPATIBLE DIMMER TYPE	COMPATIBLE DIMMING COIL	PLUG-IN TRANS- FORMER OPTION INCLUDES 16' CORD	277 VOLT INPUT OPTION
	1 X 120V 12V 1 X 60 WATTS** ELECTRONIC AC	700AT060EL	Low-Voltage Electronic 450 Watts	—	—	—
	1 X 120V 12V 1 X 150 WATTS** MAGNETIC AC	700AT150T	Low-Voltage Magnetic 600 watts	700DIM150 (below)	700AT150P	700AT150T277
	1 X 120V 12V 1 X 150 WATTS** ELECTRONIC DC	700AT152EL 700AT152EL010	Low-Voltage Electronic 600 Watts	—	—	—
	1 X 120V 12V 1 X 300 WATTS** MAGNETIC AC	700AT300T	Low-Voltage Magnetic 600 Watts	700DIM300 (below)	700AT300P	700AT300T277
	1 X 120V 12V 1 X 300 WATTS** ELECTRONIC DC	700AT302EL	Low-Voltage Electronic 600 Watts	—	—	—

ORDERING GRIDS

DEBUZZING DIMMING COIL ALONE

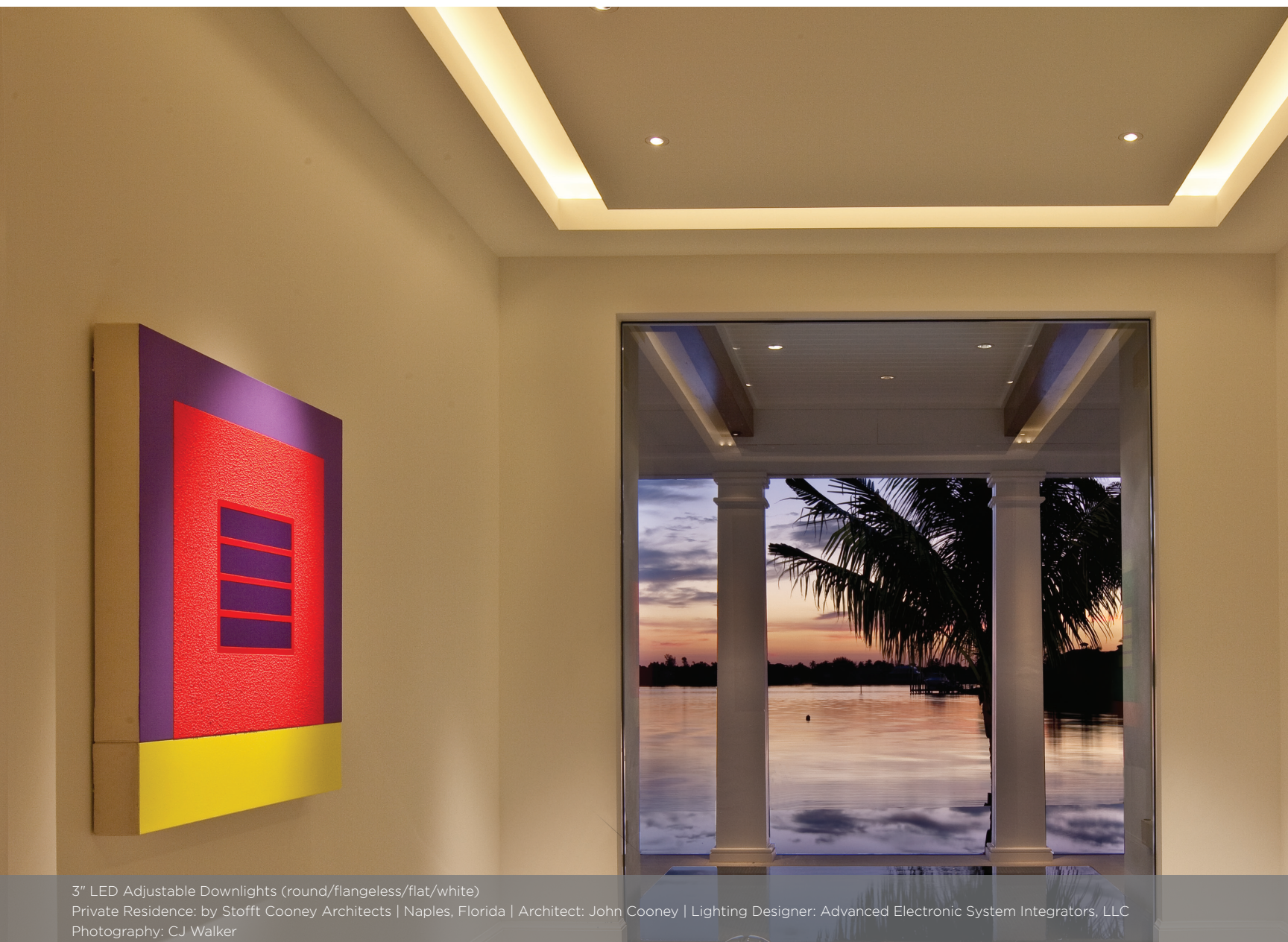
	DIAMETER	DEPTH
700DIM150	1.75"	0.75"
700DIM300	2.25"	1"
700DIM600	4.75"	1"



MERGE Recessed Linear Channels (flanged)

# HOUSINGS & ACCESSORIES

Our thoughtful engineering makes complex solutions elegantly simple, and we take great care to ensure that every component and every connection in each of our specification-grade housings is made to meet exacting standards of quality and performance. But our engineering doesn't stop at the housing, every trim is solid die-cast aluminum: no seams, no warping, no sagging.



3" LED Adjustable Downlights (round/flangeless/flat/white)

Private Residence: by Stofft Cooney Architects | Naples, Florida | Architect: John Cooney | Lighting Designer: Advanced Electronic System Integrators, LLC  
Photography: CJ Walker



Housings

P. 202

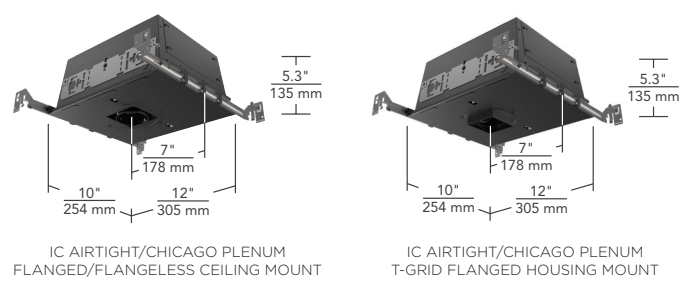


Accessories

P. 211

# 2" LED HOUSINGS

ADJUSTABLE DOWNLIGHT  
WALL WASH

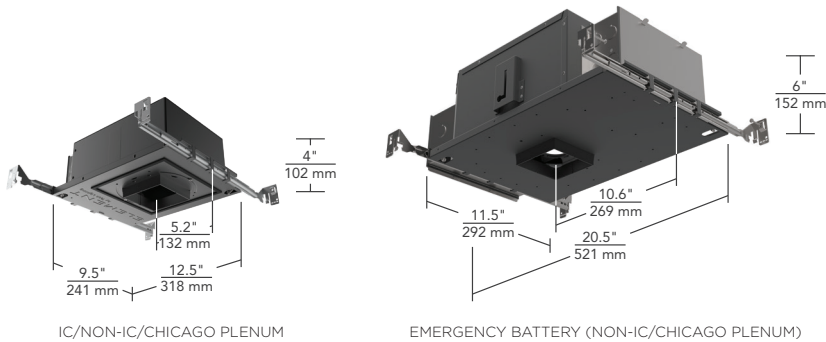


REMODEL ADJUSTABLE DOWNLIGHT  
WALL WASH

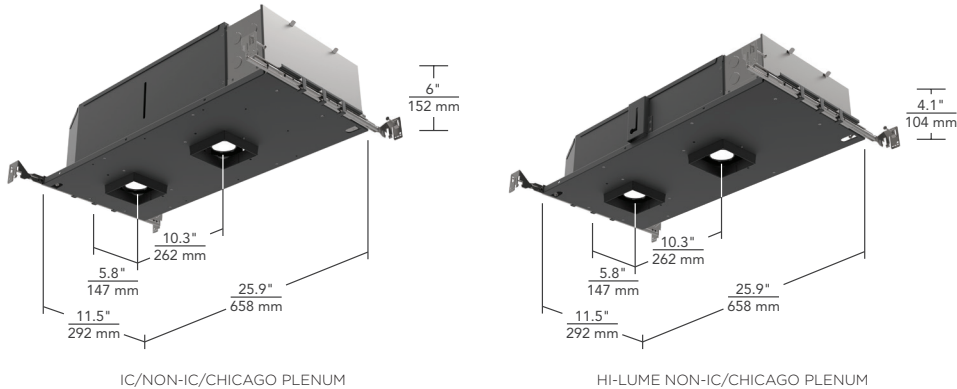


# 3" LED HOUSINGS

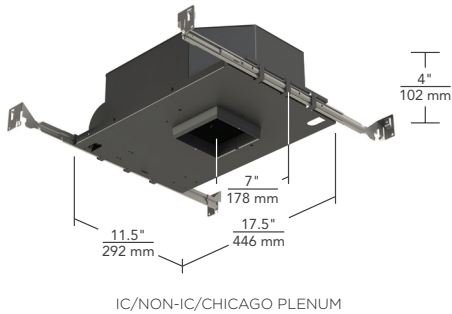
## ADJUSTABLE DOWNLIGHT



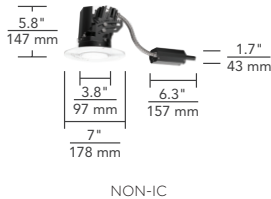
## DUAL ADJUSTABLE DOWNLIGHT



## LOW-PROFILE ADJUSTABLE DOWNLIGHT

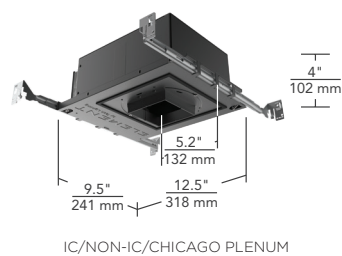


## REMODEL ADJUSTABLE DOWNLIGHT

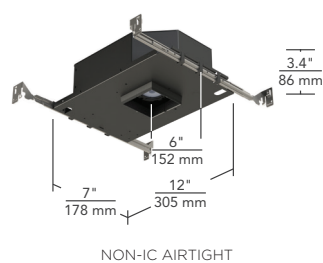


# 3" LED HOUSINGS

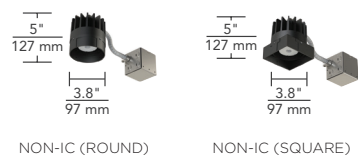
FIXED DOWNLIGHT  
WALL WASH



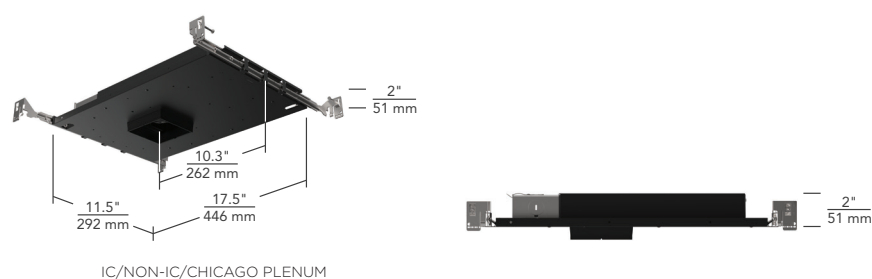
LOW-PROFILE FIXED DOWNLIGHT



REMODEL FIXED DOWNLIGHT



ULTRA SHALLOW FIXED DOWNLIGHT

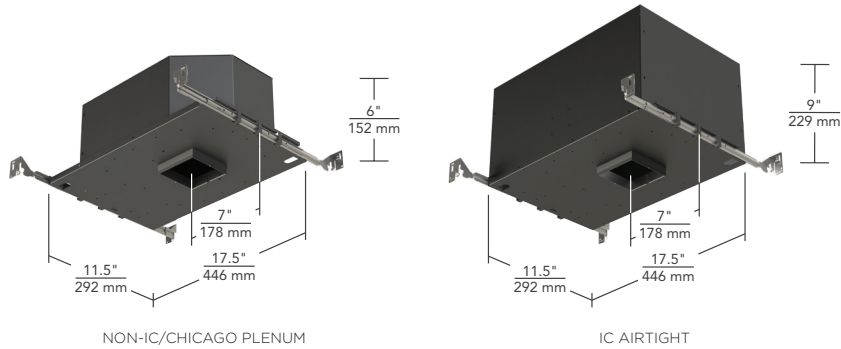


# 3" HALOGEN HOUSINGS

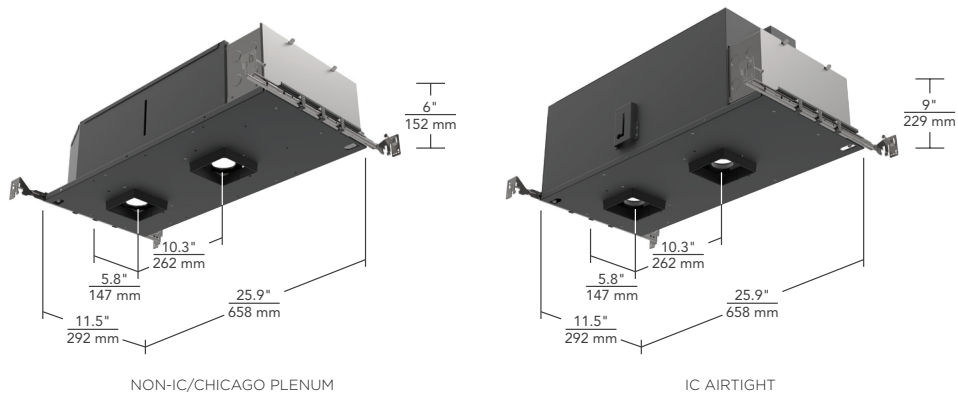
ADJUSTABLE DOWNLIGHT

FIXED DOWNLIGHT

WALL WASH

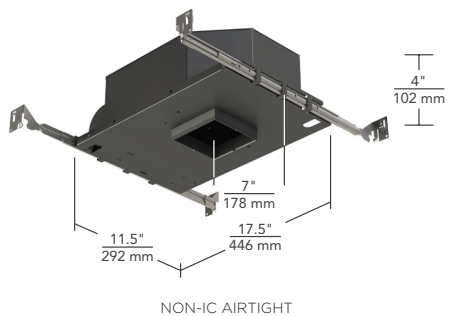


DUAL ADJUSTABLE DOWNLIGHT

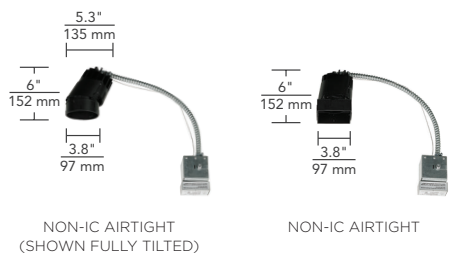


LOW-PROFILE ADJUSTABLE DOWNLIGHT

LOW-PROFILE FIXED DOWNLIGHT

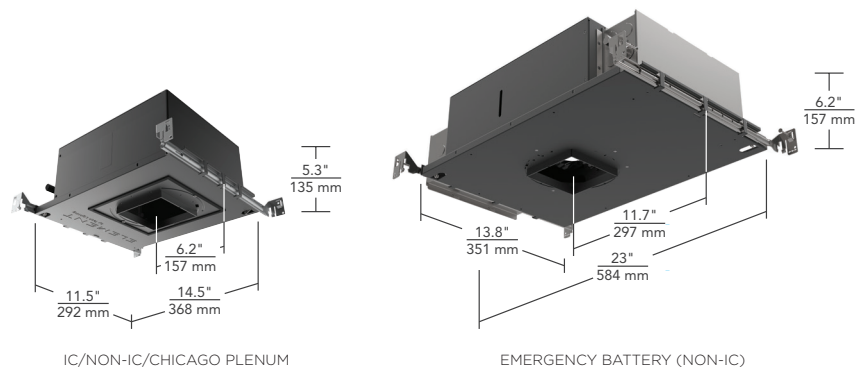


REMODEL ADJUSTABLE DOWNLIGHT

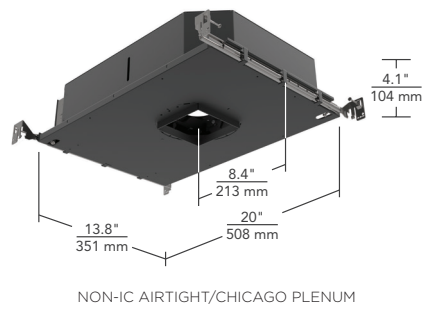


# 4" LED HOUSINGS

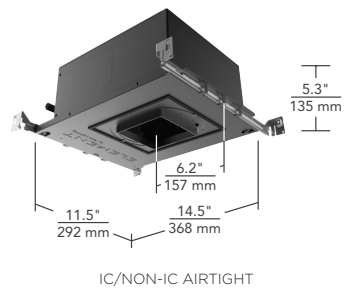
## ADJUSTABLE DOWNLIGHT



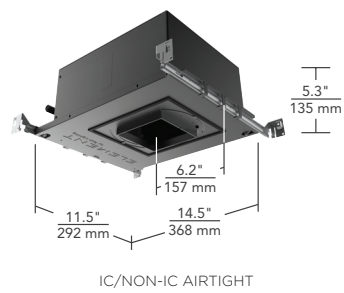
## LOW-PROFILE ADJUSTABLE DOWNLIGHT



## FIXED DOWNLIGHT

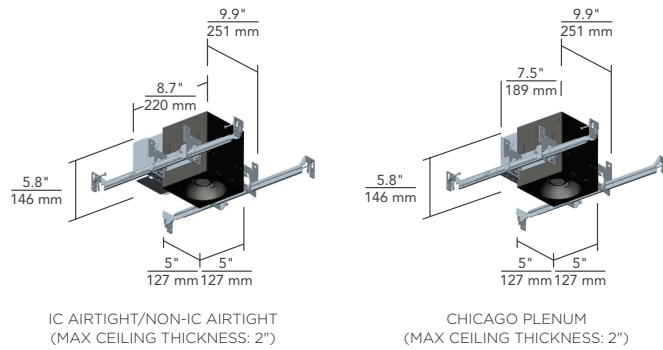


## WALL WASH

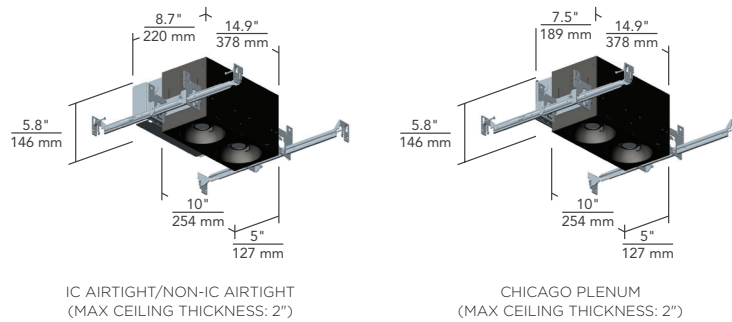


# MULTIPLES HOUSINGS

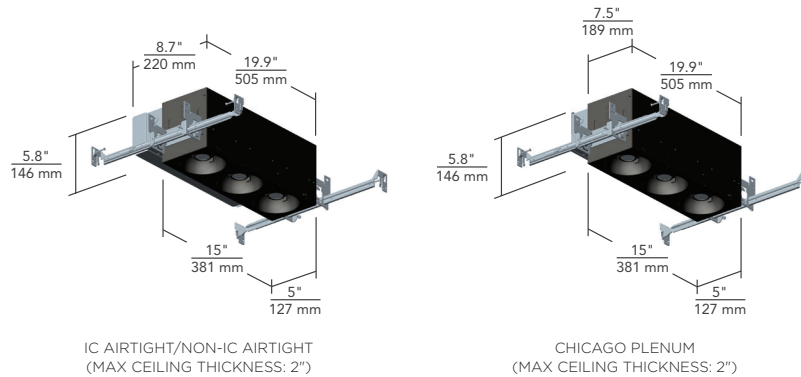
## 1X1 OPEN AND TRIMMED



## 1X2 OPEN AND TRIMMED

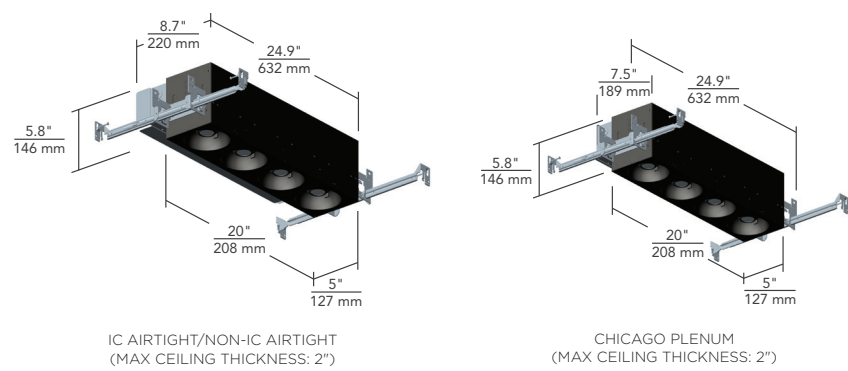


## 1X3 OPEN AND TRIMMED

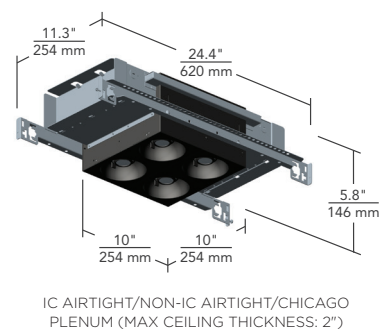


# MULTIPLES HOUSINGS

## 1X4 OPEN AND TRIMMED

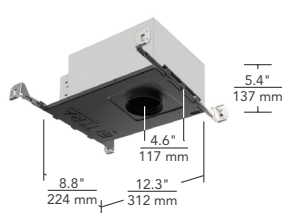


## 2X2 OPEN AND TRIMMED

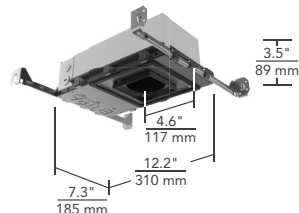


# ENTRA HOUSINGS

## 3" LED ADJUSTABLE DOWNLIGHT

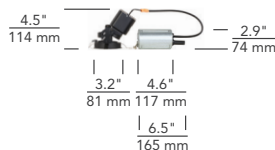


IC AIRTIGHT/CHICAGO PLENUM  
HIGH OUTPUT



IC AIRTIGHT/CHICAGO PLENUM  
LOW OUTPUT

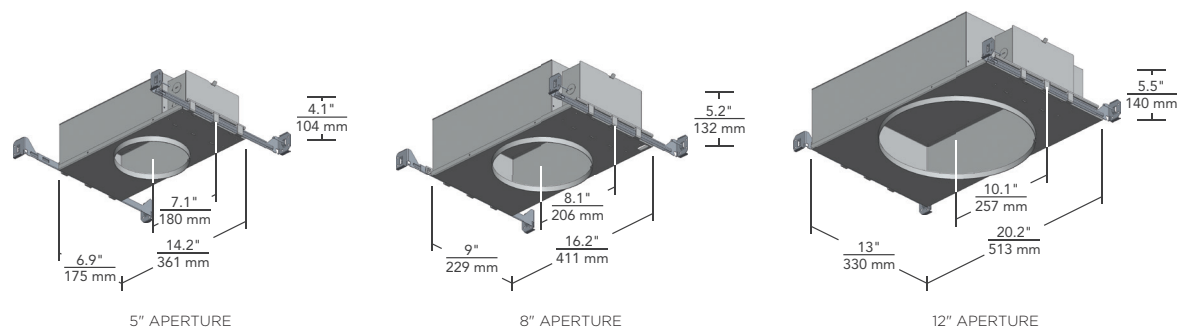
## 3" REMODEL LED ADJUSTABLE DOWNLIGHT



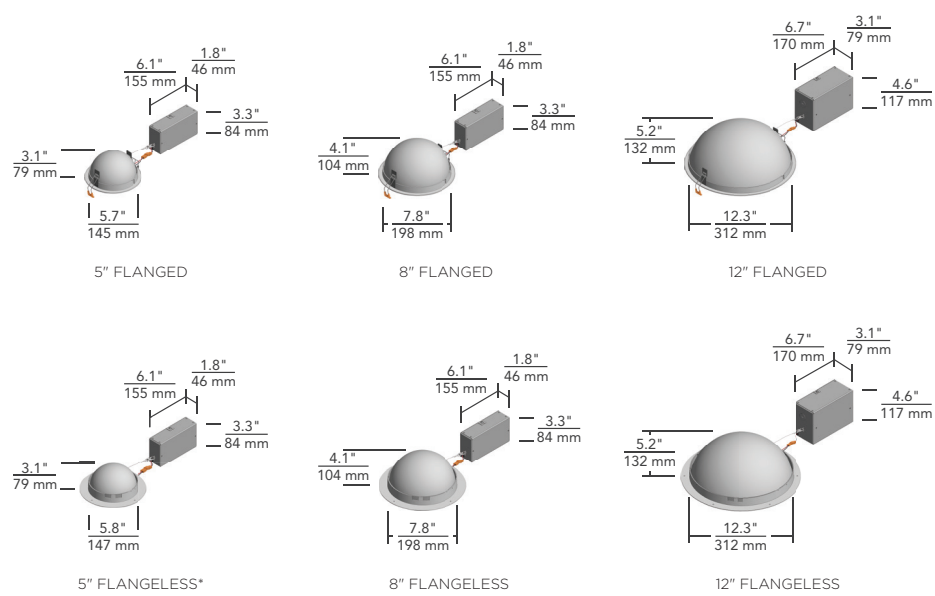
NON-IC

# REFLECTIONS HOUSINGS

## NEW CONSTRUCTION



## REMODEL



## RETROFIT



\*Remodel flangeless includes integrated mud plate.

# ACCESSORIES

## OPTICAL CONTROLS

ELEMENT offers a selection of compatible lenses and optical controls designed to help you control your light. To maintain and adjust focus of linear spread and other lenses, lamp cartridge is keyed and rotation-lockable. Round optical controls fit in trim aperture and lamp cartridge. Square optical controls fit in aperture only.



## LENSES & LOUVERS

ITEM #	DESCRIPTION	SHAPE	COMPATIBILITY
EL2RDF	DIFFUSER LENS**	2" ROUND	3" ROUND TRIM APERTURE; 3" & 4" LAMP ASSEMBLY
EL2RLL	LINEAR SPREAD LENS***	2" ROUND	3" ROUND TRIM APERTURE; 3" & 4" LAMP ASSEMBLY
EL2RSB	SANDBLASTED LENS	2" ROUND	3" ROUND TRIM APERTURE; 3" & 4" LAMP ASSEMBLY
EL2RSF*	SOLITE™ SOFT FOCUS LENS**	2" ROUND	3" ROUND TRIM APERTURE; 3" & 4" LAMP ASSEMBLY
EL4RSF*	SOLITE™ SOFT FOCUS LENS**	3" ROUND	4" SQUARE TRIM APERTURE
EL2RUV	OPTIVEX™ UV FILTER LENS	2" ROUND	3" ROUND TRIM APERTURE; 3" & 4" LAMP ASSEMBLY
EL2RGL	CLEAR LENS	2" ROUND	3" ROUND TRIM APERTURE; 3" & 4" LAMP ASSEMBLY
MOCGG	PLAIN GLASS	ROUND	MULTIPLES; BYOM; MERGE SPOT HEADS, ELEMENT 2"
MOCSE	SOFT FOCUS	ROUND	MULTIPLES; BYOM; MERGE SPOT HEADS, ELEMENT 2"
MOCCL	LINEAR SPREAD	ROUND	MULTIPLES; BYOM; MERGE SPOT HEADS, ELEMENT 2"
EL2SDF	DIFFUSER LENS**	2" SQUARE	3" SQUARE TRIM APERTURE
EL2SLL	LINEAR SPREAD LENS†	2" SQUARE	3" SQUARE TRIM APERTURE
EL2SSB	SANDBLASTED LENS	2" SQUARE	3" SQUARE TRIM APERTURE
EL2SSF*	SOLITE™ SOFT FOCUS LENS**	2" SQUARE	3" SQUARE TRIM APERTURE
EL4SSF*	SOLITE™ SOFT FOCUS LENS**	3" SQUARE	4" SQUARE TRIM APERTURE
EL2RHCBK	EGGCRATE LOUVER	2" ROUND	3" ROUND TRIM APERTURE; 3" & 4" LAMP ASSEMBLY
MOCEC	EGGCRATE LOUVER	1.5" ROUND	MULTIPLES; BYOM; MERGE SPOT HEADS, ELEMENT 2"
EL2RFILBLU	COLOR LENS, BLUE	2" ROUND	3" ROUND TRIM APERTURE; 3" & 4" LAMP ASSEMBLY
EL2RFILGRN	COLOR LENS, GREEN	2" ROUND	3" ROUND TRIM APERTURE; 3" & 4" LAMP ASSEMBLY
EL2RFILRED	COLOR LENS, RED	2" ROUND	3" ROUND TRIM APERTURE; 3" & 4" LAMP ASSEMBLY
EL2RFILYEL	COLOR LENS, YELLOW	2" ROUND	3" ROUND TRIM APERTURE; 3" & 4" LAMP ASSEMBLY
EL2RDICBLU	DICHROIC LENS, BLUE	2" ROUND	3" ROUND TRIM APERTURE; 3" & 4" LAMP ASSEMBLY
EL2RDICGRN	DICHROIC LENS, GREEN	2" ROUND	3" ROUND TRIM APERTURE; 3" & 4" LAMP ASSEMBLY
EL2RDICPCH	DICHROIC LENS, COSMIC PEACH	2" ROUND	3" ROUND TRIM APERTURE; 3" & 4" LAMP ASSEMBLY
EL2RDICRED	DICHROIC LENS, RED	2" ROUND	3" ROUND TRIM APERTURE; 3" & 4" LAMP ASSEMBLY
EL2RDICYEL	DICHROIC LENS, YELLOW	2" ROUND	3" ROUND TRIM APERTURE; 3" & 4" LAMP ASSEMBLY
MOH-B	EXTENDED SNOOT	1.5" ROUND	MULTIPLES; BYOM; MERGE SPOT HEADS, ELEMENT 2"
MOH-W 140	EXTENDED SNOOT	1.5" ROUND	MULTIPLES; BYOM; MERGE SPOT HEADS, ELEMENT 2"
140MR16SF	ENTRA SOLITE ROUND LENS	ROUND	ENTRA 3"
140MR16SB	ENTRA SANDBLASTED LENS	ROUND	ENTRA 3"
140MR16LL	ENTRA LINEAR SPREAD LENS	ROUND	ENTRA 3"
140MR16DF	ENTRA DIFFUSER SPREAD LENS	ROUND	ENTRA 3"
140MR16GL	ENTRA CLEAR LENS	ROUND	ENTRA 3"
700A02-BK	ENTRA EGGCRATE LOUVER	ROUND	ENTRA 3"

NOTE: 3" HALOGEN/CMH REMODEL ADJUSTABLE TRIMS DO NOT ACCEPT ABOVE LENSES. CALL FACTORY FOR ASSISTANCE. \*SHIPS STANDARD WITH A LENSED TRIM.  
 \*\*LOW IRON GLASS (TRANSMITS 91% OF THE LIGHT). †SODA LIME GLASS (TRANSMITS 89% OF THE LIGHT).

# LENSES CLIPS

ITEM #	DESCRIPTION	SHAPE	COMPATIBILITY
240E3SQLSP	SQUARE FLAT TRIM LENS CLIP	SQUARE	USED TO CONVERT 3" OPEN TRIMS TO LENSED TRIMS
240E3SBLSP	SQUARE BEVEL TRIM LENS CLIP	SQUARE	USED TO CONVERT 3" OPEN TRIMS TO LENSED TRIMS
240E3RDLSP	ROUND FLAT TRIM LENS CLIP	ROUND	USED TO CONVERT 3" OPEN TRIMS TO LENSED TRIMS
240E3RBLSP	ROUND BEVEL TRIM LENS CLIP	ROUND	USED TO CONVERT 3" OPEN TRIMS TO LENSED TRIMS
240E4SQLSP	SQUARE FLAT TRIM LENS CLIP	SQUARE	USED TO CONVERT 4" OPEN TRIMS TO LENSED TRIMS
240E4SBLSP	SQUARE BEVEL TRIM LENS CLIP	SQUARE	USED TO CONVERT 4" OPEN TRIMS TO LENSED TRIMS
240E4RDLSP	ROUND FLAT TRIM LENS CLIP	ROUND	USED TO CONVERT 4" OPEN TRIMS TO LENSED TRIMS
240E4RBLSP	ROUND BEVEL TRIM LENS CLIP	ROUND	USED TO CONVERT 4" OPEN TRIMS TO LENSED TRIMS
240E4LEDSPR	E4 LENS CLIP	ROUND	USED TO HOLD ADDITIONAL OPTICAL CONTROLS

\*NOT FOR WET LOCATION

# PLASTER PLATES

ITEM #	DESCRIPTION	SHAPE	COMPATIBILITY
150E2SCL-A	2" NEW CONSTRUCTION PLASTER PLATE/COLLAR	SQUARE	USED TO CONVERT 2" UNITS INTO FLANGELESS.
150E2RCL-A	2" NEW CONSTRUCTION PLASTER PLATE/COLLAR	ROUND	USED TO CONVERT 2" UNITS INTO FLANGELESS.
150EN3SPPLT	ENTRA 3" NEW CONSTRUCTION PLASTER PLATE	SQUARE	USED TO CONVERT 3" ENTRA INTO FLANGELESS.
150EN3RPPLT	ENTRA 3" NEW CONSTRUCTION PLASTER PLATE	ROUND	USED TO CONVERT 3" ENTRA INTO FLANGELESS.
150E3SPPLT-A	3" NEW CONSTRUCTION PLASTER PLATE	SQUARE	USED TO CONVERT 3" UNITS INTO FLANGELESS.
150E3RPPLT-A	3" NEW CONSTRUCTION PLASTER PLATE	ROUND	USED TO CONVERT 3" UNITS INTO FLANGELESS.
150E4SPPLT	4" NEW CONSTRUCTION PLASTER PLATE	SQUARE	USED TO CONVERT 4" UNITS INTO FLANGELESS.
150E4RPPLT	4" NEW CONSTRUCTION PLASTER PLATE	ROUND	USED TO CONVERT 4" UNITS INTO FLANGELESS.
EBYPPLT2	NEW CONSTRUCTION PLASTER PLATE	2X STRAIGHT	FOR USE WITH 2 BYOM LINEAR SPOTS, USED WITH 90° CORNERS
EBYPPLT3	NEW CONSTRUCTION PLASTER PLATE	3X STRAIGHT	FOR USE WITH 3 BYOM LINEAR SPOTS, USED WITH 90° CORNERS
EBYPPLT4	NEW CONSTRUCTION PLASTER PLATE	4X STRAIGHT	FOR USE WITH 4 BYOM LINEAR SPOTS, USED WITH 90° CORNERS
EBYPPLTOC	NEW CONSTRUCTION PLASTER PLATE	90° OUTSIDE CORNER	FOR USE WITH BYOM CONFIGURATIONS
EBYPPLTIC	NEW CONSTRUCTION PLASTER PLATE	90° INSIDE CORNER	FOR USE WITH BYOM CONFIGURATIONS
150E3RTPPLT-W	3" NEW CONSTRUCTION THIN PLASTER PLATE	ROUND	USED TO CONVERT 3" UNITS INTO FLANGELESS
150E3STPPLT-W	3" NEW CONSTRUCTION THIN PLASTER PLATE	SQUARE	USED TO CONVERT 3" UNITS INTO FLANGELESS

\*COMPATIBLE WITH FLANGELESS TRIM OPTIONS ONLY (SOLD SEPARATELY).

## REFLECTORS (TRIM MOUNTED)

ITEM #	DESCRIPTION	SHAPE	COMPATIBILITY
<b>E2TREFNS1 (B, G, S)*</b>	NON-SLOTTED SPECULAR REFLECTOR IN ANODIZED BLACK OR GOLD FINISH	ROUND	ELEMENT 2" SERIES
<b>E2TREFNS2 (B, G)*</b>	NON-SLOTTED SPECULAR REFLECTOR IN ANODIZED BLACK OR GOLD FINISH	ROUND	ELEMENT 2" SERIES
<b>E2TREFNS3 (B, G)*</b>	NON-SLOTTED SPECULAR REFLECTOR IN ANODIZED BLACK OR GOLD FINISH	ROUND	ELEMENT 2" SERIES
<b>E2TREFNS4 (B, G)*</b>	NON-SLOTTED SPECULAR REFLECTOR IN ANODIZED BLACK OR GOLD FINISH	ROUND	ELEMENT 2" SERIES
<b>E2TREFS1 (B, G)*</b>	SLOTTED SPECULAR REFLECTOR IN ANODIZED BLACK OR GOLD FINISH	ROUND	ELEMENT 2" SERIES
<b>E2TREFS2 (B, G)*</b>	SLOTTED SPECULAR REFLECTOR IN ANODIZED BLACK OR GOLD FINISH	ROUND	ELEMENT 2" SERIES
<b>E2TREFS3 (B, G)*</b>	SLOTTED SPECULAR REFLECTOR IN ANODIZED BLACK OR GOLD FINISH	ROUND	ELEMENT 2" SERIES
<b>E2TREFS4 (B, G)*</b>	SLOTTED SPECULAR REFLECTOR IN ANODIZED BLACK OR GOLD FINISH	ROUND	ELEMENT 2" SERIES
<b>E3TREFNS1 (B, G)**</b>	NON-SLOTTED SPECULAR REFLECTOR IN ANODIZED BLACK OR GOLD FINISH	ROUND	ELEMENT 3" SERIES
<b>E3TREFNS2 (B, G)**</b>	NON-SLOTTED SPECULAR REFLECTOR IN ANODIZED BLACK OR GOLD FINISH	ROUND	ELEMENT 3" SERIES
<b>E3TREFNS3 (B, G)**</b>	NON-SLOTTED SPECULAR REFLECTOR IN ANODIZED BLACK OR GOLD FINISH	ROUND	ELEMENT 3" SERIES
<b>E3TREFNS4 (B, G)**</b>	NON-SLOTTED SPECULAR REFLECTOR IN ANODIZED BLACK OR GOLD FINISH	ROUND	ELEMENT 3" SERIES
<b>E3TREFNS5 (B, G)**</b>	NON-SLOTTED SPECULAR REFLECTOR IN ANODIZED BLACK OR GOLD FINISH	ROUND	ELEMENT 3" SERIES
<b>E3TREFS1 (B, G)**</b>	SLOTTED SPECULAR REFLECTOR IN ANODIZED BLACK OR GOLD FINISH	ROUND	ELEMENT 3" SERIES
<b>E3TREFS2 (B, G)**</b>	SLOTTED SPECULAR REFLECTOR IN ANODIZED BLACK OR GOLD FINISH	ROUND	ELEMENT 3" SERIES
<b>E3TREFS3 (B, G)**</b>	SLOTTED SPECULAR REFLECTOR IN ANODIZED BLACK OR GOLD FINISH	ROUND	ELEMENT 3" SERIES
<b>E3TREFS4 (B, G)**</b>	SLOTTED SPECULAR REFLECTOR IN ANODIZED BLACK OR GOLD FINISH	ROUND	ELEMENT 3" SERIES
<b>E3TREFS5 (B, G)**</b>	SLOTTED SPECULAR REFLECTOR IN ANODIZED BLACK OR GOLD FINISH	ROUND	ELEMENT 3" SERIES
<b>E3TREFS6 (B, G)**</b>	SLOTTED SPECULAR REFLECTOR IN ANODIZED BLACK OR GOLD FINISH	ROUND	ELEMENT 3" SERIES
<b>E4TREFNS1 (B, G)*</b>	NON-SLOTTED SPECULAR REFLECTOR IN ANODIZED BLACK OR GOLD FINISH	ROUND	ELEMENT 4" SERIES
<b>E4TREFNS2 (B, G)*</b>	NON-SLOTTED SPECULAR REFLECTOR IN ANODIZED BLACK OR GOLD FINISH	ROUND	ELEMENT 4" SERIES
<b>E4TREFNS3 (B, G)*</b>	NON-SLOTTED SPECULAR REFLECTOR IN ANODIZED BLACK OR GOLD FINISH	ROUND	ELEMENT 4" SERIES
<b>E4TREFNS4 (B, G)*</b>	NON-SLOTTED SPECULAR REFLECTOR IN ANODIZED BLACK OR GOLD FINISH	ROUND	ELEMENT 4" SERIES
<b>E4TREFNS5 (B, G)*</b>	NON-SLOTTED SPECULAR REFLECTOR IN ANODIZED BLACK OR GOLD FINISH	ROUND	ELEMENT 4" SERIES
<b>E4TREFNS6 (B, G)*</b>	NON-SLOTTED SPECULAR REFLECTOR IN ANODIZED BLACK OR GOLD FINISH	ROUND	ELEMENT 4" SERIES
<b>E4TREFS1 (B, G)*</b>	SLOTTED SPECULAR REFLECTOR IN ANODIZED BLACK OR GOLD FINISH	ROUND	ELEMENT 4" SERIES
<b>E4TREFS2 (B, G)*</b>	SLOTTED SPECULAR REFLECTOR IN ANODIZED BLACK OR GOLD FINISH	ROUND	ELEMENT 4" SERIES
<b>E4TREFS3 (B, G)*</b>	SLOTTED SPECULAR REFLECTOR IN ANODIZED BLACK OR GOLD FINISH	ROUND	ELEMENT 4" SERIES
<b>E4TREFS4 (B, G)*</b>	SLOTTED SPECULAR REFLECTOR IN ANODIZED BLACK OR GOLD FINISH	ROUND	ELEMENT 4" SERIES
<b>E4TREFS5 (B, G)*</b>	SLOTTED SPECULAR REFLECTOR IN ANODIZED BLACK OR GOLD FINISH	ROUND	ELEMENT 4" SERIES
<b>E4TREFS6 (B, G)*</b>	SLOTTED SPECULAR REFLECTOR IN ANODIZED BLACK OR GOLD FINISH	ROUND	ELEMENT 4" SERIES

\*MAY REQUIRE LAMP TO BE PLACED IN HIGH POSITION. NOT AVAILABLE FOR ELEMENT 2", 3" AND 4" SQUARE FLAT TRIMS. NOT COMPATIBLE WITH LENSED TRIMS OR ELEMENT 4" SQUARE FLANGELESS BEVEL TRIMS.

\*\*NOT COMPATIBLE WITH LED ELEMENT 3" FIXED REMODEL, LED ADJUSTABLE LOW-PROFILE, LED ULTRA SHALLOW (FLAT TRIMS ONLY), AND LED FIXED LOW-PROFILE (FLAT TRIMS ONLY).



MERGE Recessed Linear Channels and MERGE Wall-to-Ceiling Connectors with MERGE 90° "L" Turn Connector (flangeless) featuring Burk Low-voltage Heads



4" LED Fixed Downlights (square/flanged/bevel/satin nickel)  
MH Executive Suites | Houston, Texas | Lighting Designer: CW Lighting & Associates | Photography: Joe Aker



Windows: 1x4 Multiples (open/flangeless/white)  
Table: SoCo Line-voltage Pendants with 11-Port Canopy



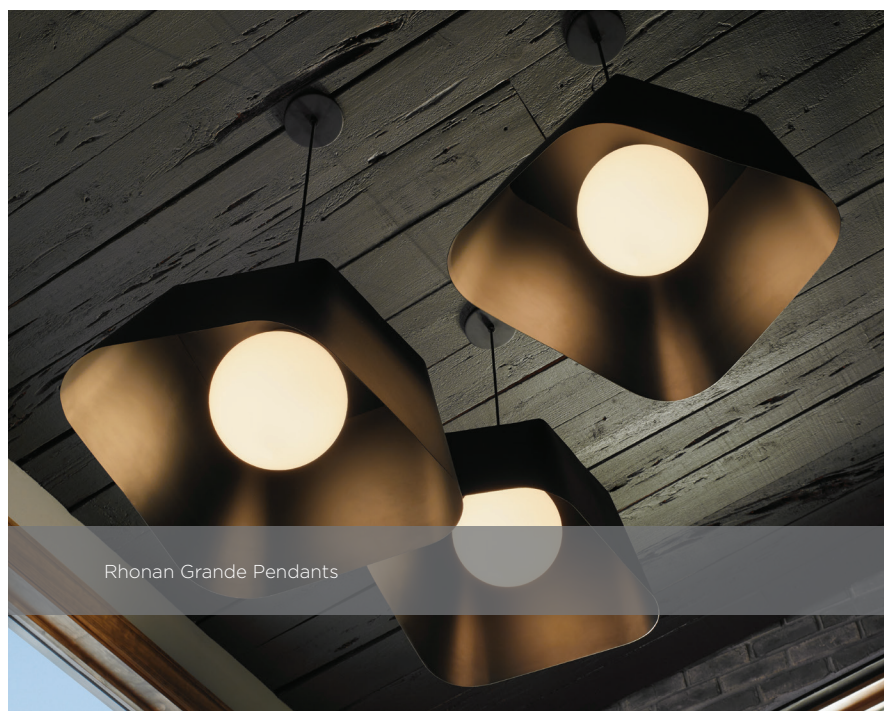
Ceiling: MERGE Recessed Linear Channel with MERGE 90° "L" Turn Connector (flangeless)  
featuring MERGE Gimbal Spot Heads | Island: Henrik Low-voltage Pendants



Revel Linear Suspension in gloss black with maple wood trim  
Lighting Designer: Tracie Losch, LC | Photography: Tricia Shayr



Aragon Chandelier, Clifton Wall with Audra Pendant  
and MERGE Recessed Linear Channels



Rhonan Grande Pendants



For over 25 years, Tech Lighting has been the industry leader in contemporary decorative fixtures and low-voltage lighting systems.

Since inception, we have expanded well beyond our roots, and today our portfolio transcends any specific aesthetic or categorical definitions. Instead, Tech Lighting is rooted in innovative design, uncompromising quality, and cutting edge LED technology.

At Tech Lighting, we do not produce light fixtures by the thousands. They are individual works of art, specially crafted by incredibly dedicated and talented artisans. We strive for timeless yet original design with an obsessive focus on every detail to enable our lighting to make your project truly extraordinary.

Tech Lighting offers solutions for every decorative, interior design need:

- Pendants
- Chandeliers
- Linear Suspension
- Wall & Ceiling Collections
- Bath Collections
- Undercabinet and Accent Lighting
- Low-voltage Rail Systems and Heads

Visit [techlighting.com](http://techlighting.com) to see the expansive breadth of our offering.



Gambit Multi-port Chandelier



Turbo Bollard



Revel Path



# OUTDOOR


Firmly rooted in innovative design, uncompromising quality, and cutting-edge LED technology, Tech Lighting offers architectural-grade outdoor lighting.

Tech Lighting designers and engineers focus their efforts on meeting the unique needs of outdoor lighting. Whether designing for wayfinding, accenting landscape features, or general outdoor illumination for visibility and safety after dark, Tech Outdoor products will stand up to the most severe environmental conditions while providing state-of-the-art, long lasting, efficient LED light.

Tech Lighting architectural-grade outdoor products include:

- Light Columns
- Bollards
- Pathway Lights
- Flood Lights
- Ceiling Lights
- Wall Sconces

Visit [TECHLIGHTING.COM/OUTDOOR](https://www.techlighting.com/outdoor) to see our full outdoor offering.



Turbo Light Column

SPECIFICATION SUMMARY

	5 YEAR WARRANTY	PAGE	DELIVERED LUMENS*	WATTS	EFFICACY (L/W)	CBCP**	CRI	CCT
2" LED	ADJUSTABLE/ WALL WASH/ REMODEL	36 36 38	950-1500	12-17	79-93 l/w	20°-5136; 30°-4644; 40°-3050; 60°-1764	80+/90+ Warm Dim: 90+	2700K, 3000K, 3500K, Warm Dim (3000K-1800K)
3" LED	ADJUSTABLE/ FIXED/ WALL WASH	44 52 60	675-1811	12-17	48-113 l/w	10°-13,420; 15°-5848; 25°-5416; 40°-3369; 60°-2305	80+/95+ Warm Dim: 90+	2700K, 3000K, 3500K, Warm Dim (3000K-1800K)
	DUAL ADJUSTABLE	46	2112-3622	24-32	73-113 l/w	10°-13,420; 15°-5848; 25°-5416; 40°-3369; 60°-2305	80+/90+ Warm Dim: 90+	2700K, 3000K, 3500K, Warm Dim (3000K-1800K)
	ULTRA-SHALLOW FIXED	58	969-1811	12-17	73-113 l/w	18°-5848; 25°-5416; 40°-3369; 60°-2305	80+/90+ Warm Dim: 90+	2700K, 3000K, 3500K, Warm Dim (3000K-1800K)
	LOW-PROFILE ADJUSTABLE/ FIXED	48 54	769-1811	12-17	73-113 l/w	10°-13,420; 15°-5848; 25°-5416; 40°-3369; 60°-2305	80+/90+ Warm Dim: 90+	2700K, 3000K, 3500K, Warm Dim (3000K-1800K)
	REMODEL ADJUSTABLE/ FIXED	50 56	675-1811	12-17	73-113 l/w	10°-13,420; 15°-5848; 25°-5416; 40°-3369; 60°-2305	80+/95+ Warm Dim: 90+	2700K, 3000K, 3500K, Warm Dim (3000K-1800K)
3" HALOGEN	ADJUSTABLE/ FIXED/ WALL WASH	62 70 74	MR16 Lamp	Lamp Dependant	N/A	N/A	N/A	N/A
	DUAL ADJUSTABLE	64	MR16 Lamp (x2)	Lamp Dependant	N/A	N/A	N/A	N/A
	LOW PROFILE ADJUSTABLE/FIXED	66 72	MR16 Lamp	Lamp Dependant	N/A	N/A	N/A	N/A
	REMODEL ADJUSTABLE	68	MR16 Lamp	Lamp Dependant	N/A	N/A	N/A	N/A
4" LED	ADJUSTABLE/ FIXED/ WALL WASH	82 86 88	1075-3300	18-30	74-110 l/w	10°-13,420 (low); 18°-10,240; 25°-8634; 40°-5513; 21°-5306; 43°-2740; 60°-3405	80+/95+ Warm Dim: 90+	2700K, 3000K, 3500K, Warm Dim (3000K-1800K)
	LOW-PROFILE ADJUSTABLE	84	1670-3300	18-30	74-110 l/w	10°-13,420 (low); 18°-10,240; 25°-8634; 40°-5513; 60°-3405	80+/90+ Warm Dim: 90+	2700K, 3000K, 3500K, Warm Dim (3000K-1800K)
6" LED	RETROFIT ADJUSTABLE	94	800-1000	10-14.5	69-80 l/w	40°-2096	90+	2700K, 3000K
MULTIPLES BUILD-YOUR-OWN MULTIPLES	ADJUSTABLE SPOT TRIMMED/ OPEN/BYOM	106 104 118	1256-1630	12-16	73-101 l/w	Adjustable Spot: 20°-4179; 30°-2770; 40°-2454; 60°-1435	80+/90+	2700K, 3000K, 3500K
	GENERAL ILLUMINATION OPEN/BYOM	104 118	1015-1346	12-16	84 l/w	N/A	80+/90+	2700K, 3000K, 3500K
	WALL WASH OPEN/BYOM	104 118	989-1315	12-16	82 l/w	N/A	80+/90+	2700K, 3000K, 3500K
ENTRA LED	3" ADJUSTABLE/ WALL WASH	126	915-1060	12	76.3-88.3	20°-4213; 40°-1822; 65°-691	90	2700K, 3000K, 35000K, 4000K
	3" REMODEL ADJUSTABLE/ WALL WASH	128	915-1060	12	76.3-88.3	20°-4213; 40°-1822; 65°-691	90	2700K, 3000K, 35000K, 4000K
	NICHE ADJUSTABLE	130	364	7	49 lm/w	65°: 296	90	2700K, 3000K, 4000K
	NICHE FIXED	132	364	7	49 lm/w	65°: 296	90	2700K, 3000K, 4000K
REFLECTIONS	5" APERTURE	138	684	9	76	N/A	90+	2700K, 3000K, 3500K, Warm Dim (3000K-2000K)
	8" APERTURE	138	943	15	62	N/A	90+	2700K, 3000K, 3500K, Warm Dim (3000K-2000K)
	12" APERTURE	138	1989	31	64	N/A	90+	2700K, 3000K, 3500K, Warm Dim (3000K-2000K)

\*All values tested at 80CRI/3000K unless otherwise specified. Range based on available wattages and LED solutions. Other CCTs available upon request.  
\*\*See downloadable online IES files for supporting data at [techlighting.com](http://techlighting.com)

		5 YEAR WARRANTY	DIMMING PROTOCOL	OPTICS	ADJUSTABILITY	CEILING APPEARANCE	APERTURE	HOUSING
2" LED		ADJUSTABLE/ WALL WASH/ REMODEL	Triac, ELV, 0-10V	20°, 30°, 40°, 60°, Wall Wash	0-45° Tilt, 361° Rotation, Hi-Low Lamp Positioning	Flanged/ Flangeless	1.4" Trim Aperture 2.75" Ceiling Cut-Out	IC Airtight Non-IC Airtight Chicago Plenum
		ADJUSTABLE/ FIXED/ WALL WASH	Triac, ELV, 0-10V, Lutron, Bluetooth, eldoLED	10°, 15°, 21°, 25°, 40°, 43°, 60°	0-40° Tilt, 361° Rotation, Hi-Low Lamp Positioning	Flanged/ Flangeless/ Wood	1.7" Trim Aperture 3.875" Ceiling Cut-Out	IC Airtight Non-IC Airtight Chicago Plenum Emergency Back-Up (Adj.)
3" LED		DUAL ADJUSTABLE	Triac, ELV, 0-10V, Lutron, eldoLED	10°, 15°, 25°, 40°	0-40° Tilt, 361° Rotation	Flanged/ Flangeless/ Wood	1.7" Trim Aperture 3.875" Ceiling cut out	IC Airtight (24W Max) Non-IC Airtight Chicago Plenum
		ULTRA-SHALLOW FIXED	Triac, ELV, 0-10V	18°, 25°, 40°	N/A	Flanged/ Flangeless/ Wood	1.7" Trim Aperture 3.875" Ceiling Cut-Out	IC Airtight, Non-IC Airtight Chicago Plenum
		LOW-PROFILE ADJUSTABLE/FIXED	Triac, ELV, 0-10V	10°, 15°, 25°, 40°	0-40° Tilt, 361° Rotation	Flanged/ Flangeless/ Wood	1.7" Trim Aperture 3.875" Ceiling Cut-Out	IC Airtight Non-IC Airtight Chicago Plenum
		REMODEL ADJUSTABLE	Triac, ELV, 0-10V	10°, 15°, 21°, 25°, 40°, 43°, 60°	0-40° Tilt, 361° Rotation, Hi-Low Lamp Positioning	Flanged/ Flangeless/ Wood	1.7" Trim Aperture 3.875" Ceiling Cut-Out	Non-IC
3" HALOGEN		ADJUSTABLE/ FIXED/ WALL WASH	ELV or MLV	N/A	0-40° Tilt, 361° Rotation, Hi-Low Lamp Positioning	Flanged/ Flangeless/ Wood	1.7" Trim Aperture 3.875" Ceiling Cut-Out	IC Airtight Non-IC Airtight Chicago Plenum
		DUAL ADJUSTABLE	ELV or MLV	N/A	0-40° Tilt, 361° Rotation	Flanged/ Flangeless/ Wood	1.7" Trim Aperture 3.875" Ceiling Cut-Out	IC Airtight (35w Max) Non-IC Airtight Chicago Plenum
		LOW-PROFILE ADJUSTABLE/FIXED	ELV or MLV	N/A	0-40° Tilt, 361° Rotation	Flanged/ Flangeless/ Wood	1.7" Trim Aperture 3.875" Ceiling Cut-Out	Non-IC Airtight
		REMODEL ADJUSTABLE	ELV or MLV	N/A	0-35° Tilt, 361° Rotation	Flanged	1.7" Trim Aperture 3.875" Ceiling Cut-Out	Non-IC
4" LED		ADJUSTABLE/ FIXED/ WALL WASH	Triac, ELV, 0-10V, Lutron, Bluetooth, eldoLED	10°, 18°, 21°, 25°, 40°, 43°, 60°	0-40° Tilt, 361° Rotation, Hi-Low Lamp Positioning	Flanged/ Flangeless	2.8" Trim Aperture 4.5" Ceiling Cut-Out	IC Airtight Non-IC Airtight Chicago Plenum Emergency Back-Up (Adj.)
		LOW-PROFILE ADJUSTABLE	Triac, ELV, 0-10V	10°, 18°, 25°, 40°	0-40° Tilt, 361° Rotation	Flanged/ Flangeless	2.8" Trim Aperture 4.5" Ceiling Cut-Out	Non-IC Airtight Chicago Plenum
6" LED		RETROFIT	Triac, ELV	40°	0-35° Tilt, 360° Rotation	Retrofit	N/A	N/A
MULTIPLES BUILD-YOUR-OWN MULTIPLES		ADJUSTABLE SPOT TRIMMED/ OPEN/BYOM	Triac, ELV, 0-10V	20°, 30°, 40°, 60°	0-35° Tilt, 360° Rotation	Flanged/ Flangeless	5"x5" Ceiling Cut-Out (1x1)	IC Airtight (Low Output Only) Non-IC Airtight Chicago Plenum
		GENERAL ILLUMINATION OPEN/BYOM	Triac, ELV, 0-10V	N/A	N/A	Flanged/ Flangeless	5"x5" Ceiling Cut-Out (1x1)	IC Airtight (Low Output Only) Non-IC Airtight Chicago Plenum
		WALL WASH OPEN/BYOM	Triac, ELV, 0-10V	N/A	N/A	Flanged/ Flangeless	5"x5" Ceiling Cut-Out (1x1)	IC Airtight (Low Output Only) Non-IC Airtight Chicago Plenum
ENTRA LED		ADJUSTABLE/ WALL WASH	Triac, ELV or 0-10V (all standard)	20°, 40°, 65° (all included)	0-30° Tilt, 359° Rotation	Flanged/ Flangeless	4" Ceiling Cut-Out	IC Airtight Chicago Plenum
		REMODEL ADJUSTABLE/ WALL WASH	Triac, ELV or 0-10V (all standard)	20°, 40°, 65° (all included)	0-30° Tilt, 359° Rotation	Flanged/ Flangeless	4" Ceiling Cut-Out	Non-IC
		NICHE ADJUSTABLE	ELV	30°, 65° (all included)	N/A	Flanged	2.375" Ceiling Cut-Out	IC Airtight
		NICHE FIXED	ELV	30°, 65° (all included)	N/A	Flanged	2.375" Ceiling Cut-Out	IC Airtight
REFLECTIONS		5" APERTURE	Triac, ELV, 0-10V, Lutron, Dali, eldoLED	N/A	N/A	Flanged/ Flangeless	Trim Aperture: 4" Ceiling Aperture: 6"	IC Airtight Chicago plenum
		8" APERTURE	Triac, ELV, 0-10V, Lutron, Dali, eldoLED	N/A	N/A	Flanged/ Flangeless	Trim Aperture: 6.05" Ceiling Aperture: 8.05"	IC Airtight Chicago Plenum
		12" APERTURE	Triac, ELV, 0-10V, Lutron, Dali, eldoLED	N/A	N/A	Flanged/ Flangeless	Trim Aperture: 10.55" Ceiling Aperture: 12.55"	IC Airtight Chicago Plenum



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