STAR**STRAND**®

ET2 Contemporary Lighting™

ET2 Contemporary Lighting™

ET2 Contemporary Lighting's full line of CounterMax® lighting fixtures and StarStrand® LED Tape Lighting Systems cast the perfect light throughout the home. In kitchens, granite countertops sparkle under the direct beam and food preparation becomes safer and more enjoyable. In bathrooms and studies, they brighten the room with a warm indirect glow. They even eliminate unwanted shadows in wet bars, curio cabinets, and bookcases with sleek profiles that conceal so discreetly you will never see the source of the gentle, yet effective, light.

COUNTER**MAX**®

STAR**STRAND**®

StarStrand ® Basic Star 24

Features
- Low power consumption only 1.4 watts per foot
- Warm 3000 K color
- Highly flexible material that is backed with 3M adhesive tape for easy installation
- No heat and no UV radiation
- Supplied in 16'4" continuous lengths and can be field cut every 2", and reconnected as necessary using specified accessories
- Soldered connectors supplied on each end
- Additional two power feeds and one splicer supplied.

Applications
- Cove and toe kick accent lighting
- Cabinet lighting
- Architectural features
- Point of purchase displays
- Backlighting of signs and displays
- Wine cellars
- Closets

4 PIN

24 VOLTS

ETL INTERTEK LISTED C US

Top View — .38" Wide

Side View — .09" High

Cut Line | Cut Line | .65" Between LEDs

2" Between Cut Lines

Cuttable every 2 inches

Item	Length	Diodes	Wattage	Lumens	Color Temp	CRI	PC Board	Beam	Voltage	Current
E53204	196"	300	19	1350	3000 K	70-75	Copper	120°	24V	.8A

Model Number	Wattage	Maximum Run	Wiring Diagram
E53324, E53326	30 Watts	22'	7
E53313	60 Watts	32'	7
E53320	75 Watts	32'	7

Wiring Diagram on page 33

3500 K 120°	
Distance	**Foot Candles**
12in	16.55
24in	4.61
36in	2.06
48in	1.21

Shown using 1 foot section of Basic Star 24

E12 Contemporary Lighting ™

Rough In Terminal Block

E53257
.75"W x .5"H x 4"L
• Rough in for new installation construction between 24V Driver and Basic Star 24
• Female connector on one end with four wire quick connector on opposite end
• Includes one 4-Pin Male/Male Adapter and installation screw

4-Pin Connecting Cords

E53265 3"L x .5"W x .25"H **E53266** 7"L x .5"W x .25"H
E53267 13"L x .5"W x .25"H **E53268** 73"L x .5"W x .25"H
• Extend distance between 24V Driver and Basic Star 24
• Connect sections of Basic Star 24 together

Flexible Connector

E53259
1"W x .25"H x 3"L
• Use for corners and angles
• Package of 6

End Power Feed

E53260
1"W x .25"H x 3"L
• Required if tape is cut
• Two included with Basic Star 24
• Package of 6

Tape Splicer

E53261
.5"W x .25"H x 1"L
• Joins two sections if tape is cut
• One included with Basic Star 24
• Package of 10

4-Pin Male/Male Adapter

E53262
.5"W x .25"H x .5"L
• Changes female end of Basic Star 24 to male end
• Package of 10

4-Pin 4-Way Connector

E53263
1.5"W x .25"H x 1.5"L
• Allows for L, T and X installations between 12V Driver and Basic Star 24
• Creates a power block for branching between 12V Driver and Basic Star 24
• Includes two 4-Pin Male End Caps and one 4-Pin Male/Male Adapter

24V Dimming Controller

E53393
2.5"W x 5"L x 1"H
• Full range dimming and on/off
• RF remote included
• Installs between 24V Driver and Basic Star 24
• 4" 6-Pin power input cord, 72" 6-Pin signal output cord
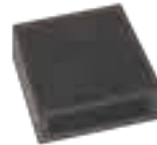• Compatible with drivers E53313 and E53318

Heat Shrink Wrap

E53256
1"W x .25"H x 3"L
• Secure connections when in walls
• Waterproof for damp locations
• Heat gun required for installation
• Package of 10

4-Pin Silicone End Cap

E53269
.5"W x .1"H x .75"L
• Placed on run termination
• Protects against dust and damage
• Package of 10

Aluminum Channel

E53373
.75"W x .75"H x 60"L
• Can be recessed or surface mount
• Aluminum screws included

45º Angle Mounting Channel

E53374
1"W x .75"H x 48"L
• Surface mount to angle tape for accent lighting
• Aluminum screws included

Flexible Aluminum Channel

E53254
.5"W x .6"H x 36"L
• Creates valance to conceal tape
• Irregular surfaces installation
• Includes screws for installation

Plastic Wire Clip

E53255
.5"W x .25"H x 1"L
• Secures to surface connecting cords and input/output cords of drivers, controllers and amplifiers
• Backed with 3M adhesive
• Package of 10

Drivers

(See page 26-28 for detailed driver information)

E53324	24V 30w Class II Driver
E53326	24V 30w Class II Dimmable Driver
E53313	24V 60w Class II Plug-In Driver
E53320	24V 75w Class II Plug-In Driver

StarStrand® Solar Star 24

Features
- 2700 K Color Temperature
- Long runs up to 100 feet
- Silicone covered to reduce static failure
- Multiple lengths with soldered connectors for trouble free installation
- UL approved for damp locations
- Highly flexible material that is backed with 3M adhesive tape for easy installation
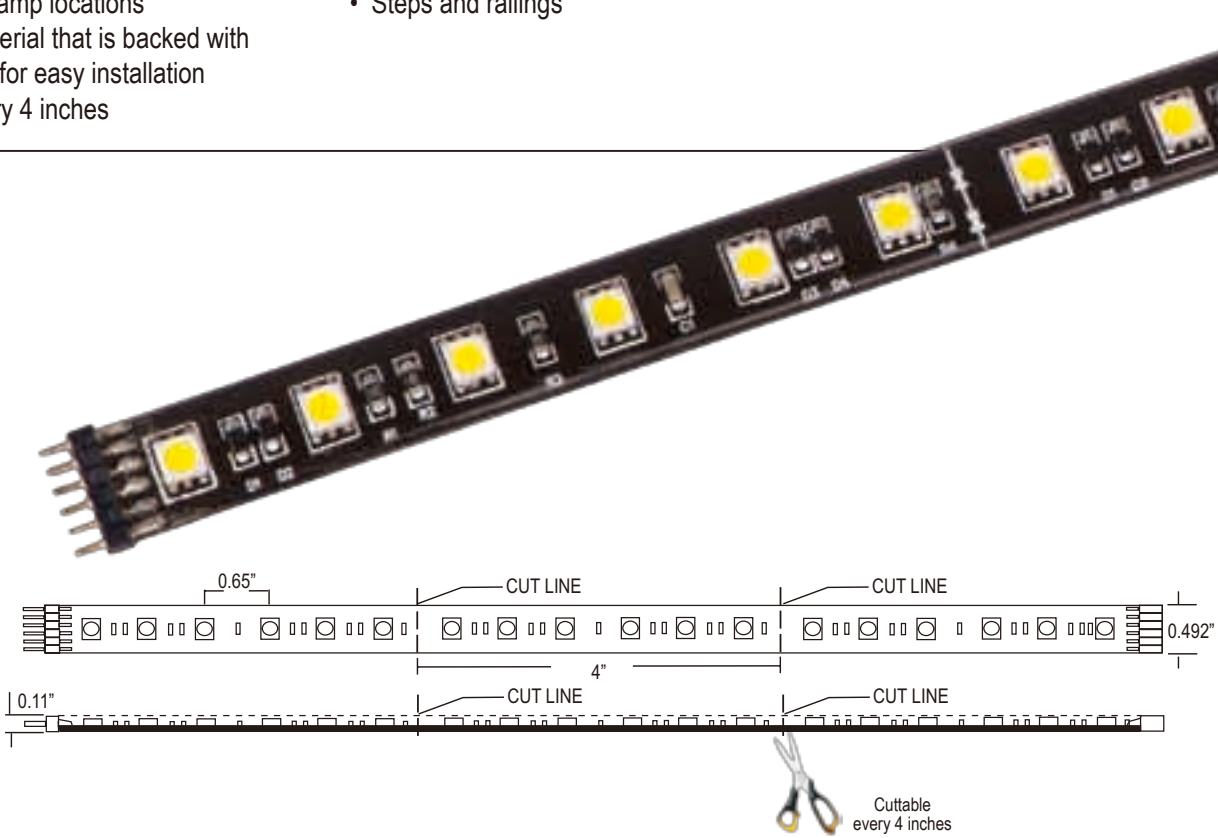- Field cuttable every 4 inches

Applications
- Office task lighting
- Under cabinet lighting
- Closets
- Work areas
- Display counters
- Steps and railings

Cuttable every 4 inches

Item	Length	Diodes	Wattage	Lumens	Color Temp	CRI	PC Board	Beam	Voltage	Current
E53470	4"	6	1.23	80	2700 K	70-75	Black	120°	24V	51mA
E53471	12"	18	3.7	239	2700 K	70-75	Black	120°	24V	154mA
E53472	60"	90	18.5	1195	2700 K	70-75	Black	120°	24V	770mA
E53473	120"	180	37	2390	2700 K	70-75	Black	120°	24V	1.5A
E53474	240"	360	74	4780	2700 K	70-75	Black	120°	24V	3.1A

Model Number	Wattage	Maximum Run	Maximum Run Using 2 Output Cords	Wiring Diagram
E53324, E53326	30 Watts	8'	......	1
E53311, E53313 , E55318	60 Watts	13'	......	1
E53286	96 Watts	22'	......	1
E53314, E53330, E53331	100 Watts	22'	......	1
E53287	150 Watts	32'	......	1
E53288	320 Watts	50'	70'	......
E53289	480 Watts	50'	100'	......

Wiring Diagram on page 32

2700 K 120°	
Distance	Foot Candles
12in	51.47
24in	14.47
36in	6.65
48in	3.85

Shown using 1 foot section of Solar Star 24

E12 Contemporary Lighting™

6-Pin 4-Way Connector

E53350
1.5"W x .25"H x 1.5"L
• Creates a power block for branching between Solar Star 24, 24V Driver or 24V Dimming Controller
• Includes two 6-Pin Male End Caps and one 6-Pin Male/Male Adapter

24V Dimming Controller

E53393
2.5"W x 5"L x 1"H
• Full range dimming and on/off
• RF remote included
• Installs between 24V Driver and Solar Star 24
• 4" 6-Pin power input cord, 72" 6-Pin signal output cord
• Compatible with drivers E53313 and E53318

6-Pin Connecting Cords

E53465 5"L x .75"W x .25"H
E53467 13"L x.75"W x .25"H
E53468 73"L x .75"W x .25"H
• Extend distance between Solar Star 24, 24V Driver or 24V Dimming Controller

6-Pin 90° Connector

E53464
1.25"W x .25"H x 1.25"L
• For 90° corners
• Reversible for left or right
• Includes 3M adhesive for easy mounting

Flexible Aluminum Channel

E53254
.5"W x .6"H x 36"L
• Creates valance to conceal tape
• Irregular surface installations
• Includes screws for installation

6-Pin Mounting Clip

E53273
.5"W x .25"H x .5"L
• Use on irregular surfaces when adhesive backing is not sufficient
• Recommended interval is every 12"
• Package of 20

6-Pin Male/Male Adapter

E53342
.5"W x .25"H x .5"L
• Changes female end to male
• Package of 6

Plastic Wire Clip

E53255
.5"W x .25"H x 1"L
• Secures to surface connecting cords and input/output cords of drivers and controllers
• Backed with 3M adhesive
• Package of 10

6-Pin Rough-In Terminal Block

E53258
.75"W x .5"H x 4"L
• Rough in for new installation construction between Solar Star 24, 24V Driver or 24V Dimming Controller
• Female connector on one end with two wire quick connector on opposite end
• Includes one 6-Pin Male/Male Adapter and installation screw

6-Pin Silicone End Cap

E53469
.5"W x .1"H x .75"L
• Placed on run termination
• Protects against dust and damage
• Package of 10

Heat Shrink Wrap

E53256
1"W x .25"H x 3"L
• Secure connections when in walls
• Waterproof for damp locations
• Heat gun required for installation
• Package of 10

6-Pin Male End Cap

E53344
.5"W x .25"H x .5"L
• Placed on female end of run termination
• Protects against dust nad damage
• Package of 6

6-Pin Male Extender

E53341
.5"W x .25"H x .5"L
• Used to connect 6-Pin 4-Way Connector to 6-Pin Connecting Cords and the 6-Pin output cords on 24V drivers and 24V Dimming Controller
• Package of 6
• One included with E53350

Adjustable 6-Pin Connector

E53462
1.18"W x .25"H x 2.3"L
• Used for irregular turns on a flat surface
• Adjusts from 90° to 180°
• Great for radius turn alcoves

Drivers

(See page 26-28 for detailed driver information)

E53324	24V 30w Class II Driver	E53318	24V 60w Class II Driver	E53331	24V 100w Dimmable Driver 277V
E53326	24V 30w Dimmable Driver	E53286	24V 96w Class II Driver	E53287	24V 150w Driver
E53311	24V 60w Class II Dimmable Driver	E53314	24V 100w Class II Dimmable Driver	E53288	24V 320w Driver
E53313	24V 60w Plug-In Driver	E53330	24V 100w Dimmable Driver	E53289	24V 480w Driver

StarStrand® Elite Star 24

Features
- High lumen light output
- Long runs up to 150 feet
- Silicone covered to reduce static failure
- Multiple lengths with soldered connectors for trouble free installation
- UL approved for damp locations
- Highly flexible material that is backed with 3M adhesive tape for easy installation
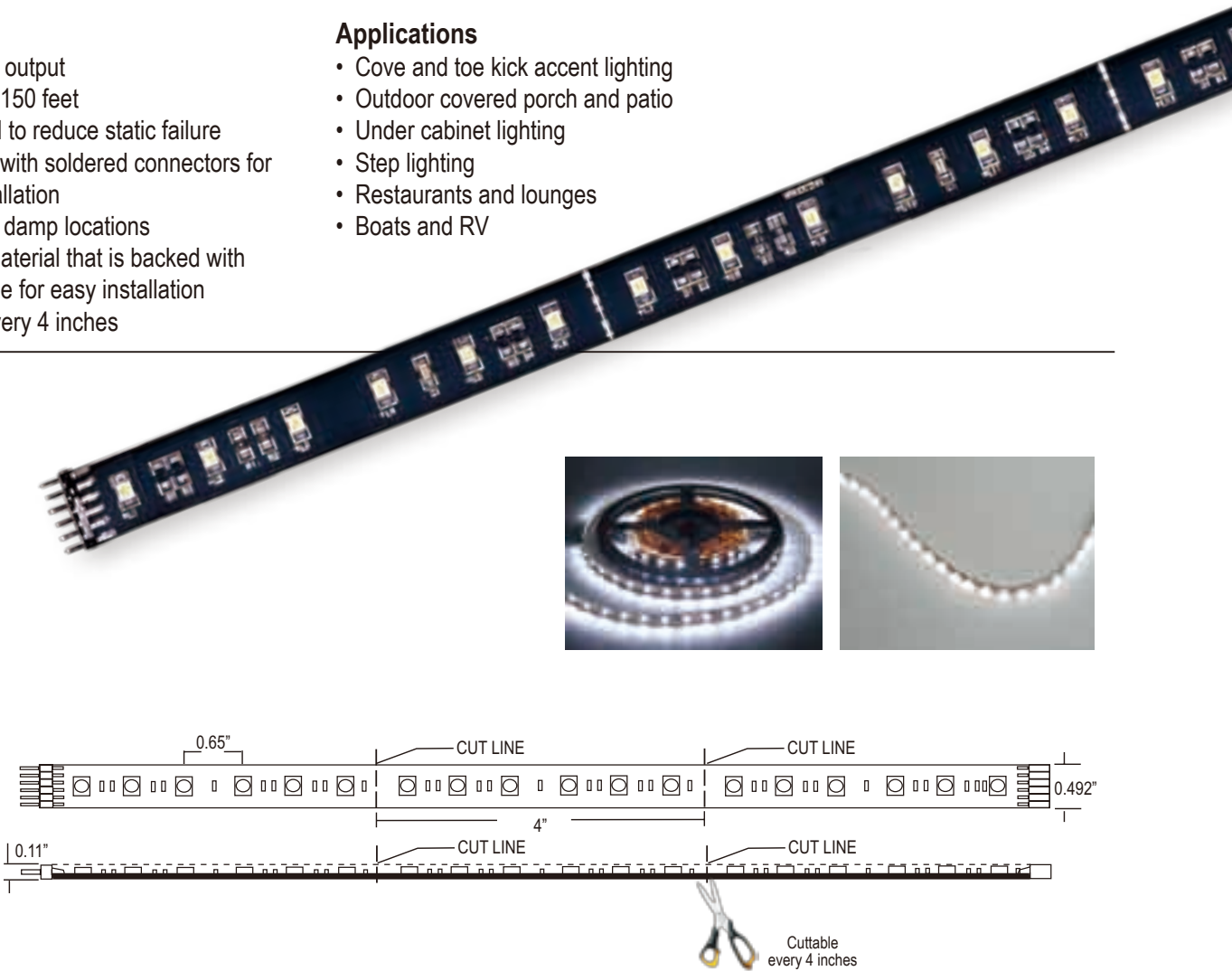- Field cuttable every 4 inches

Applications
- Cove and toe kick accent lighting
- Outdoor covered porch and patio
- Under cabinet lighting
- Step lighting
- Restaurants and lounges
- Boats and RV

6 PIN

24 VOLTS

c(UL)us

0.65" CUT LINE CUT LINE 0.492"

4"

0.11" CUT LINE CUT LINE

Cuttable every 4 inches

Item	Length	Diodes	Wattage	Lumens	Color Temp	CRI	PC Board	Beam	Voltage	Current
E53430	4"	6	0.9	43	3500 K	70-75	Black	120°	24V	38mA
E53431	12"	18	2.7	130	3500 K	70-75	Black	120°	24V	113mA
E53432	60"	90	13.5	650	3500 K	70-75	Black	120°	24V	563mA
E53433	120"	180	27	1300	3500 K	70-75	Black	120°	24V	1.1A
E53434	240"	360	54	2600	3500 K	70-75	Black	120°	24V	2.3A

Model Number	Wattage	Maximum Run	Maximum Run Using 2 Output Cords	Wiring Diagram
E53324, E53326	30 Watts	11'	......	1
E53311, E53313 , E55318	60 Watts	20'	......	1
E53286	96 Watts	33'	......	1
E53314, E53330, E53331	100 Watts	33'	......	1
E53287	150 Watts	50'	......	1
E53288	320 Watts	75'	105'	......
E53289	480 Watts	75'	150'	......

3500 K 120°	
Distance	Foot Candles
12in	23.78
24in	6.77
36in	3.12
48in	1.83

Shown using 1 foot section of Elite Star 24

E12 Contemporary Lighting™

6-Pin 4-Way Connector
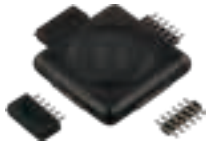
E53350
1.5"W x .25"H x 1.5"L
• Creates a power block for branching between Elite Star 24, 24V Driver or 24V Dimming Controller
• Includes two 6-Pin Male End Caps and one 6-Pin Male/Male Adapter

24V Dimming Controller

E53393
2.5"W x 5"L x 1"H
• Full range dimming and on/off
• RF remote included
• Installs between 24V Driver and Elite Star 24
• 4" 6-Pin power input cord, 72" 6-Pin signal output cord
• Compatible with drivers E53313 and E53318

6-Pin Connecting Cords

E53465 5"L x .75"W x .25"H
E53467 13"L x.75"W x .25"H
E53468 73"L x .75"W x .25"H
• Extend distance between Elite Star 24, 24V Driver or 24V Dimming Controller

6-Pin 90° Connector

E53464
1.25"W x .25"H x 1.25"L
• For 90° corners
• Reversible for left or right
• Includes 3M adhesive for easy mounting

Flexible Aluminum Channel

E53254
.5"W x .6"H x 36"L
• Creates valance to conceal tape
• Irregular surface installations
• Includes screws for installation

6-Pin Mounting Clip

E53273
.5"W x .25"H x .5"L
• Use on irregular surfaces when adhesive backing is not sufficient
• Recommended interval is every 12"
• Package of 20

6-Pin Male/Male Adapter

E53342
.5"W x .25"H x .5"L
• Changes female end to male
• Package of 6

Plastic Wire Clip

E53255
.5"W x .25"H x 1"L
• Secures to surface connecting cords and input/output cords of drivers and controllers
• Backed with 3M adhesive
• Package of 10

6-Pin Rough-In Terminal Block

E53258
.75"W x .5"H x 4"L
• Rough in for new installation construction between Elite Star 24, 24V Driver or 24V Dimming Controller
• Female connector on one end with two wire quick connector on opposite end
• Includes one 6-Pin Male/Male Adapter and installation screw
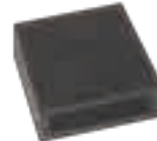
Adjustable 6-Pin Connector

E53462
1.18"W x .25"H x 2.3"L
• Used for irregular turns on a flat surface
• Adjusts from 90° to 180°
• Great for radius turn alcoves

6-Pin Silicone End Cap

E53469
.5"W x .1"H x .75"L
• Placed on run termination
• Protects against dust and damage
• Package of 10

6-Pin Male Extender

E53341 .5"L x .5"W x .25"H
• Used to connect 6-Pin 4-Way Connector to 6-Pin Connecting Cords and the 6-Pin output cords on 24V drivers and 24V Dimming Controller
• Package of 6
• One included with E53350

Heat Shrink Wrap

E53256
1"W x .25"H x 3"L
• Secure connections when in walls
• Waterproof for damp locations
• Heat gun required for installation
• Package of 10

6-Pin Male End Cap

E53344
.5"W x .25"H x .5"L
• Placed on female end of run termination
• Protects against dust nad damage
• Package of 6

Drivers

(See page 26-28 for detailed driver information)

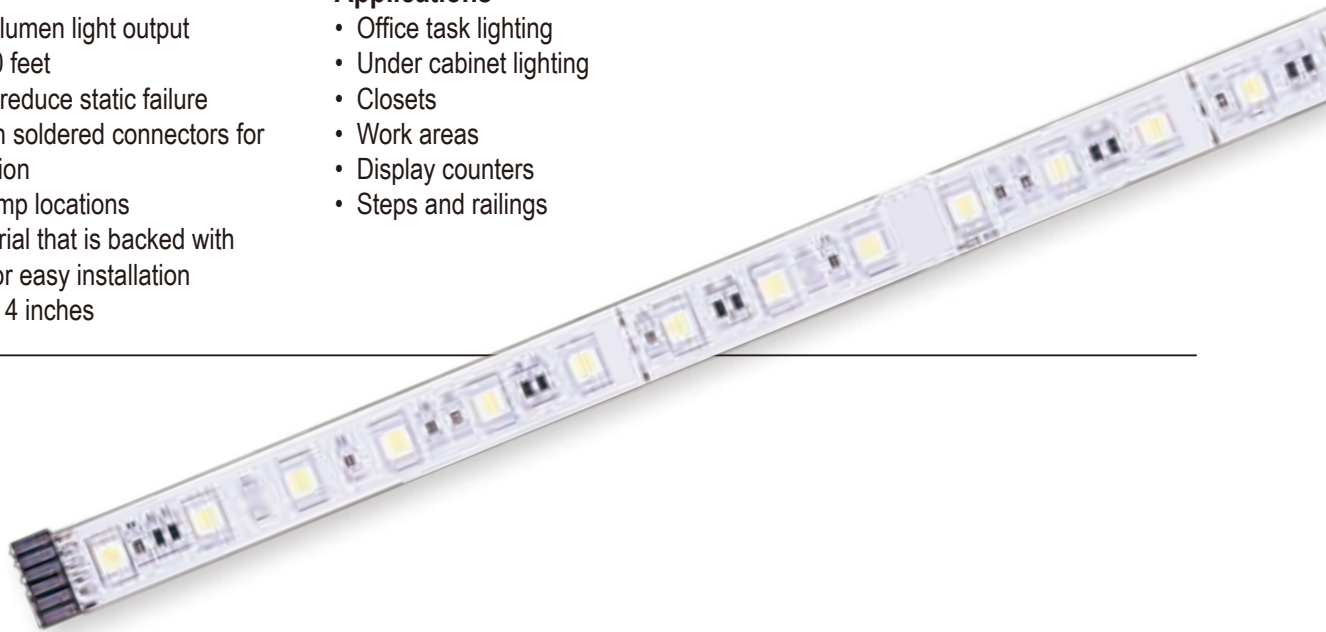|					
E53324	24V 30w Class II Driver	**E53318**	24V 60w Class II Driver	**E53331**	24V 100w Dimmable Driver 277V
E53326	24V 30w Dimmable Driver	**E53286**	24V 96w Class II Driver	**E53287**	24V 150w Driver
E53311	24V 60w Class II Dimmable Driver	**E53314**	24V 100w Class II Dimmable Driver	**E53288**	24V 320w Driver
E53313	24V 60w Plug-In Driver	**E53330**	24V 100w Dimmable Driver	**E53289**	24V 480w Driver

StarStrand ® Ultima Star 24

Features
- Highest StarStrand lumen light output
- Long runs up to 100 feet
- Silicone covered to reduce static failure
- Multiple lengths with soldered connectors for trouble free installation
- UL approved for damp locations
- Highly flexible material that is backed with 3M adhesive tape for easy installation
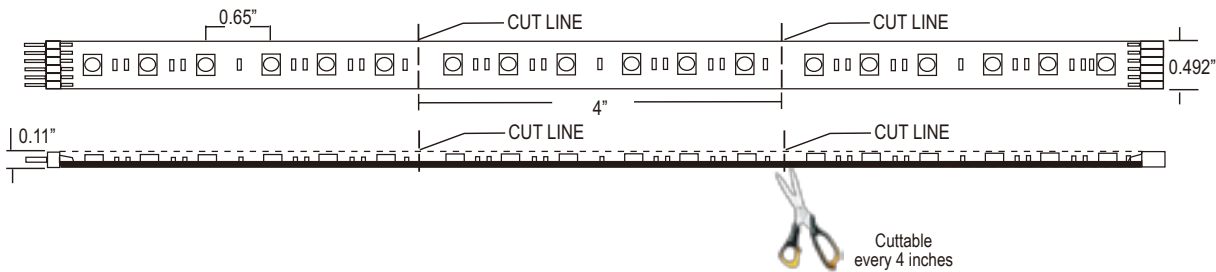- Field cuttable every 4 inches

Applications
- Office task lighting
- Under cabinet lighting
- Closets
- Work areas
- Display counters
- Steps and railings

6 PIN

24 VOLTS

c(UL)us

0.65"   CUT LINE   CUT LINE   0.492"

4"

CUT LINE   CUT LINE

0.11"

Cuttable every 4 inches

Item	Length	Diodes	Wattage	Lumens	Color Temp	CRI	PC Board	Beam	Voltage	Current
E53450	4"	6	1.23	85	3500 K	70-75	White	120°	24V	51mA
E53451	12"	18	3.7	254	3500 K	70-75	White	120°	24V	154mA
E53455	20"	30	6.17	423	3500 K	70-75	White	120°	24V	257mA
E53452	60"	90	18.5	1270	3500 K	70-75	White	120°	24V	771mA
E53453	120"	180	37	2540	3500 K	70-75	White	120°	24V	1.5A
E53454	240"	360	74	5080	3500 K	70-75	White	120°	24V	3.1A

Model Number	Wattage	Maximum Run	Maximum Run Using 2 Output Cords	Wiring Diagram
E53324, E53326	30 Watts	8'	......	1
E53311, E53313 , E55318	60 Watts	13'	......	1
E53286	96 Watts	22'	......	1
E53314, E53330, E53331	100 Watts	22'	......	1
E53287	150 Watts	32'	......	1
E53288	320 Watts	50'	70'	......
E53289	480 Watts	50'	100'	......

3500 K 120º

Distance	Foot Candles
12in	51.47
24in	14.47
36in	6.65
48in	3.85

Shown using 1 foot section of Ultima Star 24

E12 Contemporary Lighting™

6-Pin 4-Way Connector
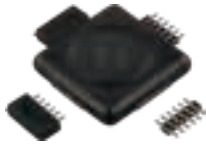
E53350
1.5"W x .25"H x 1.5"L
• Creates a power block for branching between Ultima Star 24, 24V Driver or 24V Dimming Controller
• Includes two 6-Pin Male End Caps and one 6-Pin Male/Male Adapter

24V Dimming Controller

E53393
2.5"W x 5"L x 1"H
• Full range dimming and on/off
• RF remote included
• Installs between 24V Driver and Ultima Star 24
• 4" 6-Pin power input cord, 72" 6-Pin signal output cord
• Compatible with drivers E53313 and E53318

6-Pin Connecting Cords

E53465 5"L x .75"W x .25"H
E53467 13"L x.75"W x .25"H
E53468 73"L x .75"W x .25"H
• Extend distance between Ultima Star 24, 24V Driver or 24V Dimming Controller

6-Pin 90° Connector

E53464
1.25"W x .25"H x 1.25"L
• For 90° corners
• Reversible for left or right
• Includes 3M adhesive for easy mounting

Flexible Aluminum Channel

E53254
.5"W x .6"H x 36"L
• Creates valance to conceal tape
• Irregular surface installations
• Includes screws for installation

6-Pin Mounting Clip

E53273
.5"W x .25"H x .5"L
• Use on irregular surfaces when adhesive backing is not sufficient
• Recommended interval is every 12"
• Package of 20

6-Pin Male/Male Adapter

E53342
.5"W x .25"H x .5"L
• Changes female end to male
• Package of 6

Plastic Wire Clip

E53255
.5"W x .25"H x 1"L
• Secures to surface connecting cords and input/output cords of drivers and controllers
• Backed with 3M adhesive
• Package of 10

6-Pin Rough-In Terminal Block

E53258
.75"W x .5"H x 4"L
• Rough in for new installation construction between Ultima Star 24, 24V Driver or 24V Dimming Controller
• Female connector on one end with two wire quick connector on opposite end
• Includes one 6-Pin Male/Male Adapter and installation screw
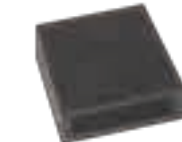
Adjustable 6-Pin Connector

E53462
1.18"W x .25"H x 2.3"L
• Used for irregular turns on a flat surface
• Adjusts from 90° to 180°
• Great for radius turn alcoves

6-Pin Silicone End Cap

E53469
.5"W x .1"H x .75"L
• Placed on run termination
• Protects against dust and damage
• Package of 10

6-Pin Male Extender

E53341 .5"L x .5"W x .25"H
• Used to connect 6-Pin 4-Way Connector to 6-Pin Connecting Cords and the 6-Pin output cords on 24V drivers and 24V Dimming Controller
• Package of 6
• One included with E53350

Heat Shrink Wrap

E53256
1"W x .25"H x 3"L
• Secure connections when in walls
• Waterproof for damp locations
• Heat gun required for installation
• Package of 10

6-Pin Male End Cap

E53344
.5"W x .25"H x .5"L
• Placed on female end of run termination
• Protects against dust nad damage
• Package of 6

Drivers

(See page 26-28 for detailed driver information)

E53324	24V 30w Class II Driver	E53318	24V 60w Class II Driver	E53331	24V 100w Dimmable Driver 277V
E53326	24V 30w Dimmable Driver	E53286	24V 96w Class II Driver	E53287	24V 150w Driver
E53311	24V 60w Class II Dimmable Driver	E53314	24V 100w Class II Dimmable Driver	E53288	24V 320w Driver
E53313	24V 60w Plug-In Driver	E53330	24V 100w Dimmable Driver	E53289	24V 480w Driver

StarStrand® Spec Star

Features
- Superior quality Seoul Semiconductor LED
- High efficiency
- High CRI
- High lumens
- Heat sink included for 24/7 operation
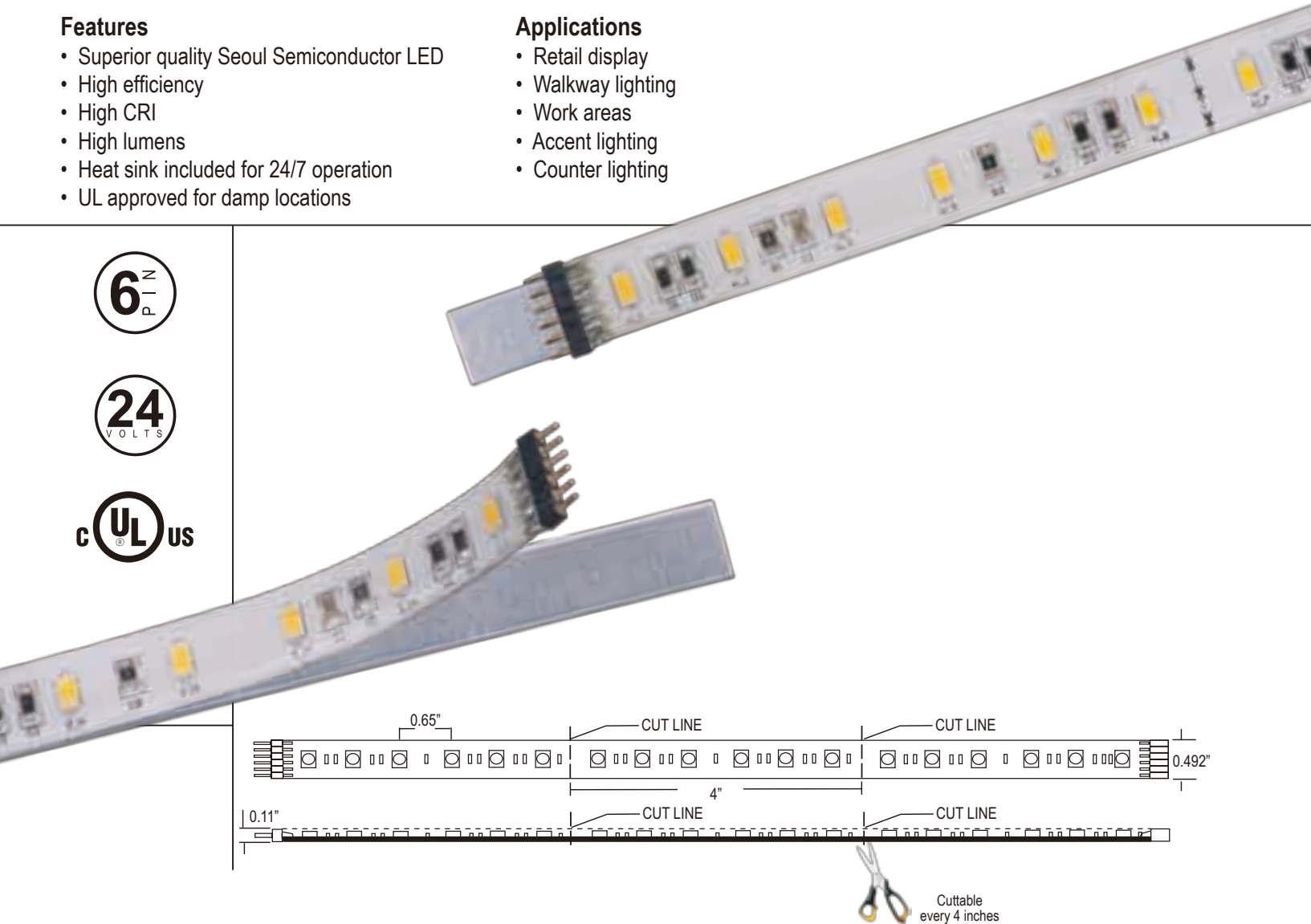- UL approved for damp locations

Applications
- Retail display
- Walkway lighting
- Work areas
- Accent lighting
- Counter lighting

6 PIN

24 VOLTS

c(UL)us

0.65"

CUT LINE   CUT LINE

0.492"

4"

0.11"   CUT LINE   CUT LINE

Cuttable
every 4 inches

Item	Length	Diodes	Wattage	Lumens	Color Temp	CRI	PC Board	Beam	Voltage	Current
E53570	4"	6	1.44	102	3300 K	97+	White	120°	24V	60mA
E53571	12"	18	4.3	307	3300 K	97+	White	120°	24V	180mA
E53572	60"	90	21.5	1535	3300 K	97+	White	120°	24V	900mA
E53574	120"	180	43	3070	3300 K	97+	White	120°	24V	1.8A
E53575	240"	360	86	6140	3300 K	97+	White	120°	24V	3.6A

Model Number	Wattage	Maximum Run	Wiring Diagram
E53324	30 Watts	6'	1
E53326	30 Watts	6'	1
E53313,E53318	60 Watts	12'	1
E53286,	96 Watts	22'	1
E53330, E53331	100 Watts	22'	1

E12 Contemporary Lighting™

6-Pin 4-Way Connector
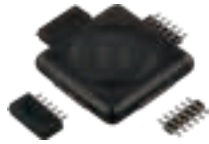
E53350
1.5"W x .25"H x 1.5"L
• Creates a power block for branching between Spec Star and 24V Driver
• Includes two 6-Pin Male End Caps and one 6-Pin Male/Male Adapter

Plastic Wire Clip

E53255
.5"W x .25"H x 1"L
• Secures to surface connecting cords and input/output cords of drivers and controllers
• Backed with 3M adhesive
• Package of 10

6-Pin Connecting Cords

E53465 5"L x .75"W x .25"H
E53467 13"L x.75"W x .25"H
E53468 73"L x .75"W x .25"H
• Extend distance between Spec Star and 24V Driver

6-Pin 90° Connector

E53464
1.25"W x .25"H x 1.25"L
• For 90° corners
• Reversible for left or right
• Includes 3M adhesive for easy mounting

6-Pin Male/Male Adapter

E53342
.5"W x .25"H x .5"L
• Changes female end to male
• Package of 6

Adjustable 6-Pin Connector

E53462
1.18"W x .25"H x 2.3"L
• Used for irregular turns on a flat surface
• Adjusts from 90° to 180°
• Great for radius turn alcoves

6-Pin Male Extender

E53341
.5"W x .25"H x .5"L
• Used to connect 6-Pin 4-Way Connector to 6-Pin Connecting Cords and the 6-Pin output cords on 24V drivers
• Package of 6
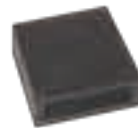• One included with E53350

6-Pin Rough-In Terminal Block

E53258
.75"W x .5"H x 4"L
• Rough in for new installation construction between Spec Star and 24V Driver
• Female connector on one end with two wire quick connector on opposite end
• Includes one 6-Pin Male/Male Adapter and installation screw

6-Pin Silicone End Cap

E53469
.5"W x .1"H x .75"L
• Placed on run termination
• Protects against dust and damage
• Package of 10

Heat Shrink Wrap

E53256
1"W x .25"H x 3"L
• Secure connections when in walls
• Waterproof for damp locations
• Heat gun required for installation
• Package of 10

6-Pin Male End Cap

E53344
.5"W x .25"H x .5"L
• Placed on female end of run termination
• Protects against dust nad damage
• Package of 6

Drivers

(See page 26-28 for detailed driver information)

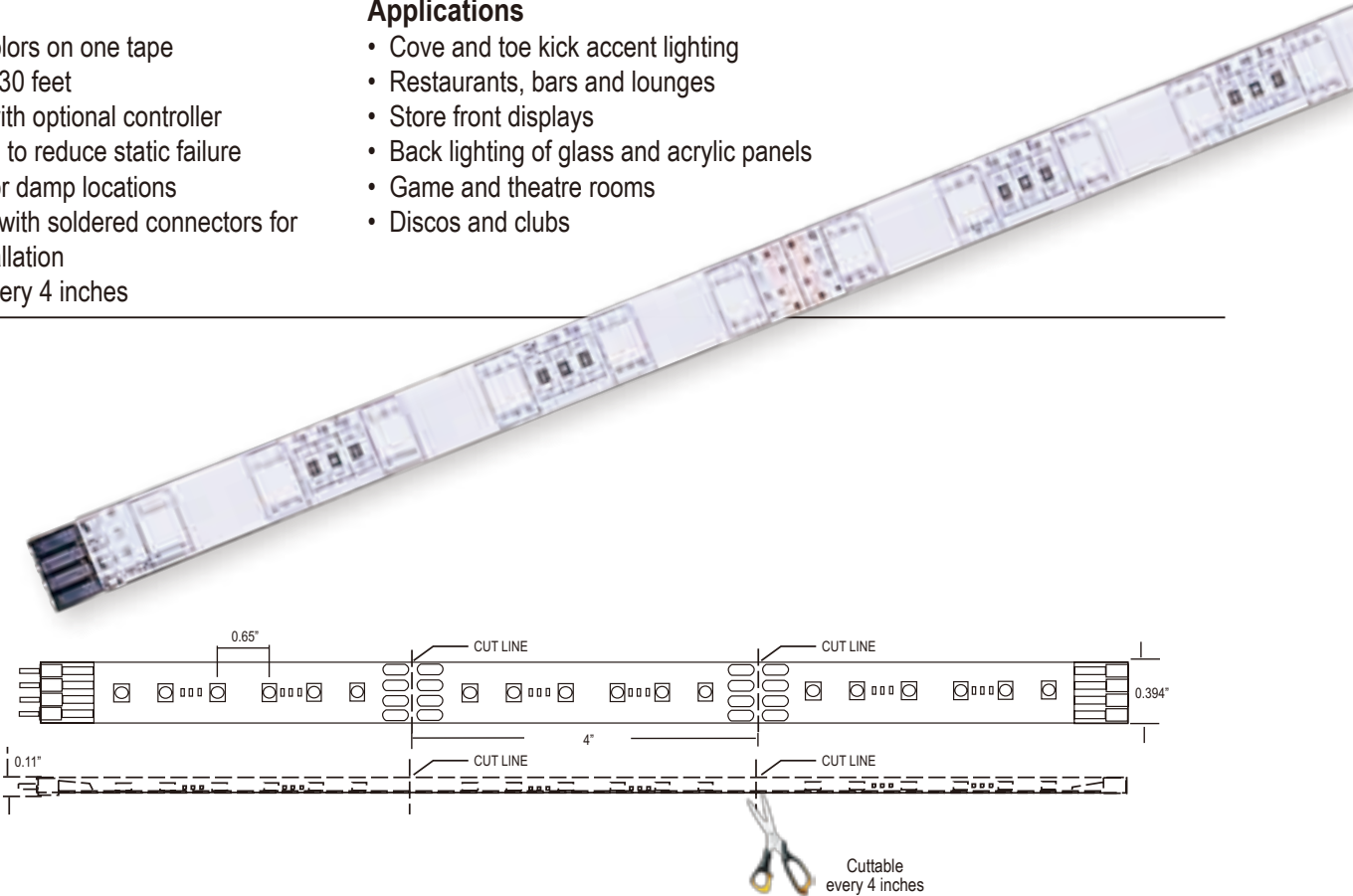|			
E53324	24V 30w Class II Driver	E53286	24V 96w Class II Driver
E53326	24V 30w Dimmable Driver	E53330	24V 100w Dimmable Driver
E53313	24V 60w Plug-In Driver	E53331	24V 100w Dimmable Driver 277V
E53318	24V 60w Class II Driver		

StarStrand® Rainbow Star 24

Features
- Thousands of colors on one tape
- Long runs up to 30 feet
- DMX interface with optional controller
- Silicone covered to reduce static failure
- ETL approved for damp locations
- Multiple lengths with soldered connectors for trouble free installation
- Field cuttable every 4 inches

Applications
- Cove and toe kick accent lighting
- Restaurants, bars and lounges
- Store front displays
- Back lighting of glass and acrylic panels
- Game and theatre rooms
- Discos and clubs

4 PIN

24 VOLTS

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0.65" CUT LINE CUT LINE 0.394"

4"

0.11" CUT LINE CUT LINE

Cuttable every 4 inches

Item	Length	Diodes	Wattage	Lumens	PC Board	Beam	Voltage	Current
E53530	4"	6	1.44	R:18 G:30 B:9	White	120°	24V	60mA
E53531	12"	18	4.32	R:54 G:90 B:27	White	120°	24V	180mA
E53533	60"	90	21.6	R:270 G:450 B:135	White	120°	24V	900mA
E53534	120"	180	43.2	R:540 G:900 B:270	White	120°	24V	1.8A
E53535	240"	360	86.4	R:1080 G:1800 B:540	White	120°	24V	3.6A

Model Number	Wattage	Maximum Run	Wiring Diagram
E53313, E53318	60 Watts	13'	3
E53286	96 Watts	22'	3
E53287	150 Watts	30'	3

Wiring Diagram on page 32

Drivers

(See page 27 for detailed driver information)

E53313 24V 60w Plug-In Driver
E53318 24V 60w Class II Driver
E53286 24V 96w Class II Driver
E53287 24V 150w Driver

E12 Contemporary Lighting™

24V RGB Controller

E53385 2.5"W x 1"H x 6"L
• Controls up to 30' of Rainbow Star 24 using included RF remote control
• 4" 6-Pin power input cord, 72" 4-Pin signal output cord

24V DMX512 Interface/Decoder & Standalone RGB Controller

E53387 4.5"W x 1.5"H x 7.5"L
• Controls up to 30' of Rainbow Star 24 using included RF remote control
• Meets DMX512 protocol and can be used as a DMX decoder
• 4" 6-Pin power input cord, 72" 4-Pin signal output cord

Rainbow Dial Controller

E53600 9"W x 1.8"H
• Controls up to 30' of Rainbow Star 24 using included RF remote control
• 4" 6-Pin power input cord, 72" 4-Pin signal output cord

24V Amplifier

E53386 2.5"W x .8"H x 4"L
• Synchronizes additional runs up to 30' of Rainbow Star 24 to one 24V RGB Controller.
• Requires an additional 24V Driver
• 6" 6-Pin power input cord, 6" 4-Pin signal input cord, 6" 4-Pin signal output cord
• Maximum 27 amplifiers per controller.

4-Pin Silicone End Cap

E53269 .5"W x .1"H x .75"L
• Placed on run termination
• Protects against dust and damage
• Package of 10

4-Pin Connecting Cords

E53265 3"L x .5"W x .25"H **E53266** 7"L x .5"W x .25"H
E53267 13"L x .5"W x .25"H **E53268** 73"L x .5"W x .25"H
• Extend distance between 24V RGB Controller or 24V Amplifier and Rainbow Star 24
• Connect sections of Rainbow Star 24 together

4-Pin 4-Way Connector

E53263 1.5"W x .25"H x 1.5"L
• Allows for L, T and X installations between 24V RGB Controller or 24V Amplifier and Rainbow Star 24
• Includes two 4-Pin Male End Caps and one 4-Pin Male/Male Adapter

45º Angle Mounting Channel

E53374 1"W x .75"H x 48"L
• Surface mount to angle tape for accent lighting
• Aluminum screws included

6-Pin Connecting Cords

E53465 5"L x .75"W x .25"H **E53467** 13"L x.75"W x .25"H
E53468 73"L x .75"W x .25"H
• Extend distance between 24V Driver and 24V RGB Controller or 24V Amplifier

4-Pin Male/Male Adapter

E53262 .5"W x .25"H x .5"L
• Changes female end of Rainbow Star 24 to male end
• Package of 10

Plastic Wire Clip

E53255 .5"W x .25"H x 1"L
• Secures to surface connecting cords and input/output cords of drivers, controllers and amplifiers
• Backed with 3M adhesive
• Package of 10

4-Pin Rough-In Terminal Block

E53383 .75"W x .5"H x 4"L
• Rough in for new installation construction between 24V RGB Controller or 24V Amplifier and Rainbow Star 24
• Female connector on one end with four wire quick connector on opposite end
• Includes one 4-Pin Male/Male Adapter and stallation screw

4-Pin Mounting Clip

E53272 .5"W x .25"H x .5"L
• Use on irregular surfaces when adhesive backing is not sufficient
• Recommended interval is every 12"
• Package of 20

6-Pin Rough-In Terminal Block

E53258 .75"W x .5"H x 4"L
• Rough in for new installation construction between 24V Driver and 24V RGB Controller or 24V Amplifier
• Female connector on one end with two wire quick connector on opposite end
• Includes one 6-Pin Male/Male Adapter and installation screw

Flexible Aluminum Channel

E53254 .5"W x .6"H x 36"L
• Creates valance to conceal tape
• Irregular surfaces installation
• Includes screws for installation

Heat Shrink Wrap

E53256 1"W x .25"H x 3"L
• Secure connections when in walls
• Waterproof for damp locations
• Heat gun required for installation
• Package of 10

6-Pin 4-Way Connector

E53350 1.5"W x .25"H x 1.5"L
• Creates a power block for branching between 24V Driver and 24V RGB Controller or 24V Amplifier
• Includes two 6-Pin Male End Caps and one 6-Pin Male/Male Adapter

Aluminum Channel

E53373 .75"W x .75"H x 60"L
• Can be recessed or surface mount
• Aluminum screws included

4-Pin Male End Cap

E53264 .5"W x .25"H x .5"L
• Placed on female end of run termination
• Protects against dust nad damage
• Package of 10

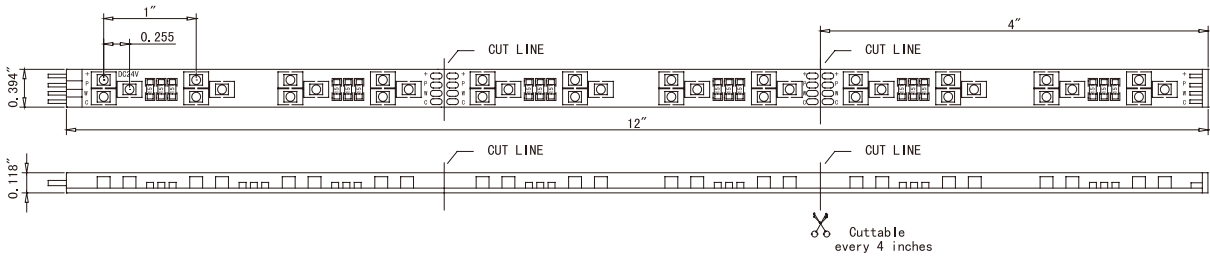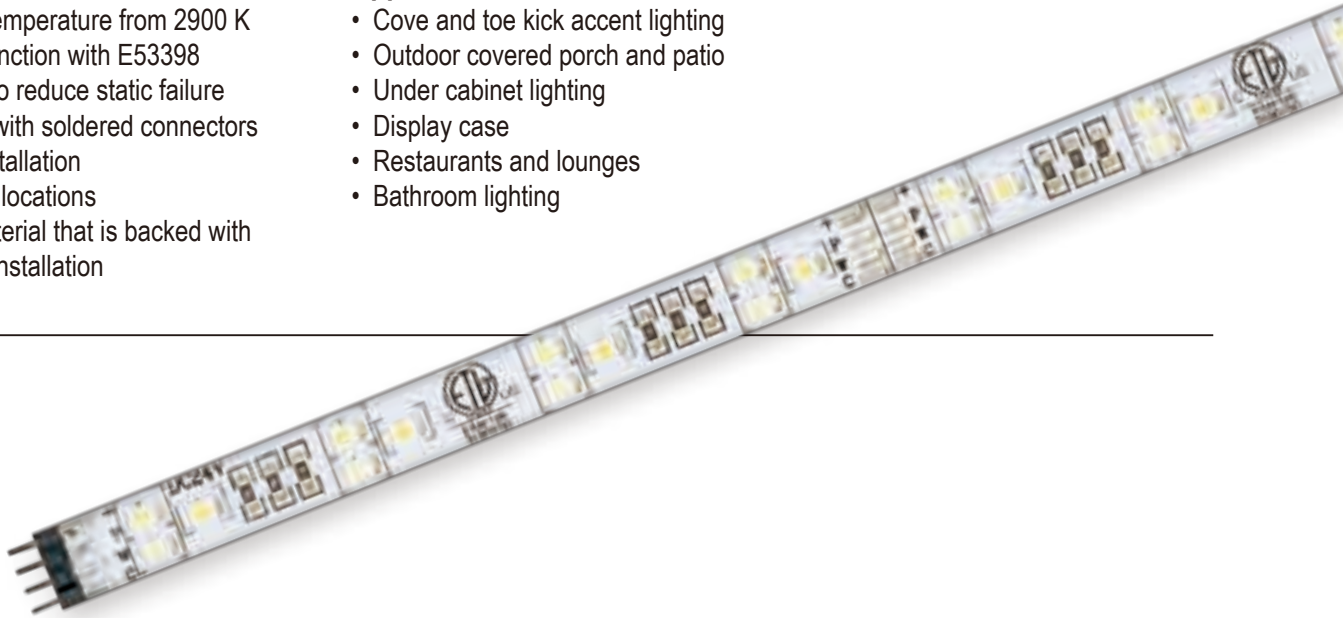# StarStrand® Color Flex Star 24

Features
- Adjustable color temperature from 2900 K to 5000 K in conjunction with E53398
- Silicone covered to reduce static failure
- Multiples lengths with soldered connectors for trouble free installation
- Suitable for damp locations
- Highly flexible material that is backed with 3M tape for easy installation

Applications
- Cove and toe kick accent lighting
- Outdoor covered porch and patio
- Under cabinet lighting
- Display case
- Restaurants and lounges
- Bathroom lighting

4 P I N

24 V O L T S

C **ETL** US
INTERTEK LISTED

CUT LINE
CUT LINE
CUT LINE
CUT LINE
Cuttable every 4 inches

Item	Length	Diodes	Wattage	Lumens	Color Temp	CRI	PC Board	Beam	Voltage	Current
E53550	4"	6	0.96	15-16.5	2900-5000 K	70-75	White	120°	24V	40mA
E53551	12"	18	2.88	45-50	2900-5000 K	70-75	White	120°	24V	120mA
E53552	60"	90	14.4	225-250	2900-5000 K	70-75	White	120°	24V	600mA
E53553	120"	180	28.8	450-500	2900-5000 K	70-75	White	120°	24V	1.2A
E53554	240"	360	57.6	900-1000	2900-5000 K	70-75	White	120°	24V	2.4A

Model Number	Wattage	Maximum Run	Wiring Diagram
E53313	60W	20'	6
E53318	60W	20'	6

Drivers

(See page 27 for detailed driver information)

E53313 24V 60w Plug-In Driver
E53318 24V 60w Class II Driver

E12 Contemporary Lighting™

4-Pin Mounting Clip

E53272 .5"W x .25"H x .5"L
• Use on irregular surfaces when
  adhesive backing is not sufficient
• Recommended interval is every 12"
• Package of 20

24V Color Flex Controller

E53398 4"W x 2"H x 4"L
• Required to control up to 20' of
  Color Flex Star 24
• RF remote control and wall controller are included
• Adjusts color temperature from 2900 K to 5500 K
• 4" 6-Pin power input cord,
  72" 4-Pin signal output cord

Heat Shrink Wrap

E53256 1"W x .25"H x 3"L
• Secure connections when in walls
• Waterproof for damp locations
• Heat gun required for installation
• Package of 10

Flexible Aluminum Channel

E53254 .5"W x .6"H x 36"L
• Creates valance to conceal tape
• Irregular surface installations
• Includes screws for installation

4-Pin 4-Way Connector

E53263 1.5"W x .25"H x 1.5"L
• Allows for L, T and X installations between
  24V Color Flex Controller or 24V Amplifier
  and Color Flex Star 24
• Includes two 4-Pin Male End Caps and one
  4-Pin Male/Male Adapter

4-Pin Male End Cap

E53264 .5"W x .25"H x .5"L
• Placed on female end of run termination
• Protects against dust nad damage
• Package of 10

45º Angle Mounting Channel

E53374 1"W x .75"H x 48"L
• Surface mount to angle tape for
  accent lighting
• Aluminum screws included

4-Pin Rough-In Terminal Block

E53383 .75"W x .5"H x 4"L
• Rough in for new installation construction
  between 24V Color Flex Controller or 24V
  Amplifier and Color Flex Star 24
• Female connector on one end with four wire
  quick connector on opposite end
• Includes one 4-Pin Male/Male Adapter and
  stallation screw

Aluminum Channel

E53373 .75"W x .75"H x 60"L
• Can be recessed or surface mount
• Aluminum screws included

4-Pin Connecting Cords

E53265 3"L x .5"W x .25"H **E53266** 7"L x .5"W x .25"H
E53267 13"L x .5"W x .25"H **E53268** 73"L x .5"W x .25"H
• Extend distance between 24V Color Flex
  Controller or 24V Amplifier and Color Flex Star 24
• Connect sections of Color Flex Star 24 together

24V Amplifier

E53386 2.5"W x .8"H x 4"L
• Synchronizes additional runs up to 20' of Color
  Flex Star 24 to one 24V Color Flex Controller.
• Maximum 27 amplifiers per controller.
• Requires an additional 24V Driver
• 6" 6-Pin power input cord, 6" 4-Pin signal
  input cord, 6" 4-Pin signal output cord

Plastic Wire Clip

E53255 .5"W x .25"H x 1"L
• Secures to surface connecting cords and
  input/output cords of drivers and controllers
• Backed with 3M adhesive
• Package of 10

4-Pin Male/Male Adapter
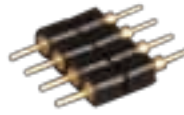
E53262 .5"W x .25"H x .5"L
• Changes female end of Color Flex Star
  24 to male end
• Package of 10

6-Pin 4-Way Connector

E53350 1.5"W x .25"H x 1.5"L
• Creates a power block for branching
  between 24V Driver and 24V Color Flex
  Controller or 24V Amplifier
• Includes two 6-Pin Male End Caps and one
  6-Pin Male/Male Adapter

6-Pin Connecting Cords

E53465 5"L x .75"W x .25"H **E53467** 13"L x.75"W x .25"H
E53468 73"L x .75"W x .25"H
• Extend distance between 24V Driver and
  24V Color Flex Controller or 24V Amplifier

4-Pin Silicone End Cap

E53269 .5"W x .1"H x .75"L
• Placed on run termination
• Protects against dust and damage
• Package of 10

6-Pin Rough-In Terminal Block

E53258 .75"W x .5"H x 4"L
• Rough in for new installation construction
  between 24V Driver and 24V Color Flex
  Controller or 24V Amplifier
• Female connector on one end with two wire
  quick connector on opposite end
• Includes one 6-Pin Male/Male Adapter and
  installation screw

Features

- High lumen output
- Available in both Bronze and Aluminum finish
- Clear lens for maximum light output
- Rigid aluminum channel conceals light source and provides excellent heat dissipation
- Connect end to end or with the use of connecting cords
- Available in 3500 K or 5000 K
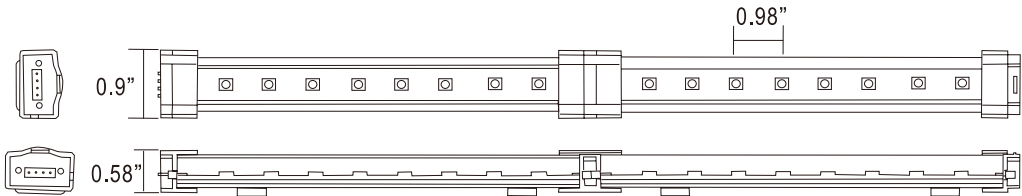- Includes easy to install mounting clips, both downward and 45° angle

Applications

- Under cabinets and bars
- Office desk task lighting
- Retail display cabinets and counters
- Window displays
- Closet lighting

4 PIN

24 VOLTS

ETL INTERTEK LISTED c us

0.98"

0.9"

0.58"

Item	Length	Diodes	Wattage	Lumens	Color Temp	CRI	Beam	Voltage	Current
E53700-AL, BRZ	6"	10	1.85	111	3500 K	70 - 75	120°	24V	77mA
E53701-AL, BRZ	12"	18	3.7	222	3500 K	70 - 75	120°	24V	154mA
E53702-AL, BRZ	24"	36	7.4	444	3500 K	70 - 75	120°	24V	308mA
E53703-AL, BRZ	36"	54	11.1	666	3500 K	70 - 75	120°	24V	463mA
E53704-AL, BRZ	48"	72	14.8	888	3500 K	70 - 75	120°	24V	617mA
E53710-AL, BRZ	6"	10	1.85	122	5000 K	70 - 75	120°	24V	77mA
E53711-AL, BRZ	12"	18	3.7	244	5000 K	70 - 75	120°	24V	154mA
E53712-AL, BRZ	24"	36	7.4	488	5000 K	70 - 75	120°	24V	308mA
E53713-AL, BRZ	36"	54	11.1	732	5000 K	70 - 75	120°	24V	463mA
E53714-AL, BRZ	48"	72	14.8	976	5000 K	70 - 75	120°	24V	617mA

Model Number	Wattage	Maximum Run	Wiring Diagram
E53324, E53326	30 Watts	8'	5
E53311, E53313 , E55318	60 Watts	13'	5
E53286	96 Watts	22'	5
E53314, E53330, E53331	100 Watts	22'	5
E53287	150 Watts	32'	5

Wiring Diagram on page 32

3500 K 120°	
Distance	Foot Candles
12in	43.77
24in	12.01
36in	5.46
48in	3.16

5000 K 120°	
Distance	Foot Candles
12in	63.59
24in	17.96
36in	8.27
48in	4.67

Shown using 1 foot section of Channel Star 24 Shown using 1 foot section of Channel Star 24

24V Dimming Controller

E53393 2.5"W x 4"L x .8"H
• Full range dimming and on/off
• RF remote included
• Installs between 24V Driver and Channel Star 24
• 4" 6-Pin power input cord, 72" 6-Pin signal output cord
• Compatible with drivers E53313 and E53318

Plastic Wire Clip

E53255   .5"W x .25"H x 1"L
• Secures to surface connecting cords and input/output cords of drivers, controllers and amplifiers
• Backed with 3M adhesive
• Package of 10

Heat Shrink Wrap

E53256
1"W x .25"H x 3"L
• Secure connections when in walls
• Waterproof for damp locations
• Heat gun required for installation
• Package of 10

4-Pin 4-Way Connector

E53263 1.5"W x .25"H x 1.5"L
• Allows for L, T and X installations between 24V Dimming Controller and Channel Star 24 with connecting cords
• Includes two 4-Pin Male End Caps and one 4-Pin Male/Male Adapter

6-Pin Rough-In Terminal Block

E53258 .75"W x .5"H x 4"L
• Rough in for new installation construction between 24V Driver and 24V Dimming Controller
• Female connector on one end with two wire quick connector on opposite end
• Includes one 6-Pin Male/Male Adapter and installation screw

4-Pin Rough-In Terminal Block

E53382
.75"W x .5"H x 4"L
• Rough in for new installation construction between 24V Driver and Channel Star 24
• Female connector on one end with four wire quick connector on opposite end
• Includes one 4-Pin Male/Male Adapter and installation screw

4-Pin Connecting Cords

E53265 3"L x .5"W x .25"H **E53266** 7"L x .5"W x .25"H
E53267 13"L x .5"W x .25"H **E53268** 73"L x .5"W x .25"H
• Connect sections of Channel Star 24 together

6-Pin Connecting Cords

E53465 5"L x .75"W x .25"H **E53467** 13"L x.75"W x .25"H
E53468 73"L x .75"W x .25"H
• Extend distance between 24V Driver and 24V Dimming Controller and Channel Star 24

4-Pin to 6-Pin Adapter Cord with On/Off Switch

E53353
1"W x .5"H x 6"L
• 6-Pin female to 4-Pin male
• Used to turn Channel Star 24 on and off when not controlled by a 24V Dimming Controller or by a wall switch.

4-Pin to 6-Pin Adapter Cord

E53352
1"W x .5"H x 6"L
• 6-Pin female to 4-Pin male
• Included in every 24", 36" and 48" section of Channel Star 24

Mounting Clips

E53354
1"W x .5"H x 1"L
• Additional clips for mounting Channel Star 24 to surface
• Package of 4

45° Angle Mounting Clips

E53355
1"W x .75"H x 1"L
• Additional clips for mounting Channel Star 24 to surface at 45° angle
• Package of 4

Drivers

(See page 26-28 for detailed driver information)

|			
E53324	24V 30w Class II Driver	**E53286**	24V 96w Class II Driver
E53326	24V 30w Dimmable Driver	**E53314**	24V 100w Class II Dimmable Driver
E53311	24V 60w Class II Dimmable Driver	**E53330**	24V 100w Dimmable Driver
E53313	24V 60w Plug-In Driver	**E53331**	24V 100w Dimmable Driver 277V
E53318	24V 60w Class II Driver	**E53287**	24V 150w Driver

StarStrand® Rainbow Channel Star 24

Features
• Available in Aluminum finish only
• Clear lens for maximum light output
• Rigid aluminum channel conceals light source and provides excellent heat dissipation
• Connect end to end or with the use of connecting cords
• Thousands of color combinations available
• Includes easy to install mounting clips, both downward and 45° angle

Applications
• Under cabinets and bars
• Alcove lighting
• Retail display cabinets and counters
• Window displays
• Sign illumination

0.9"   0.98"   0.58"
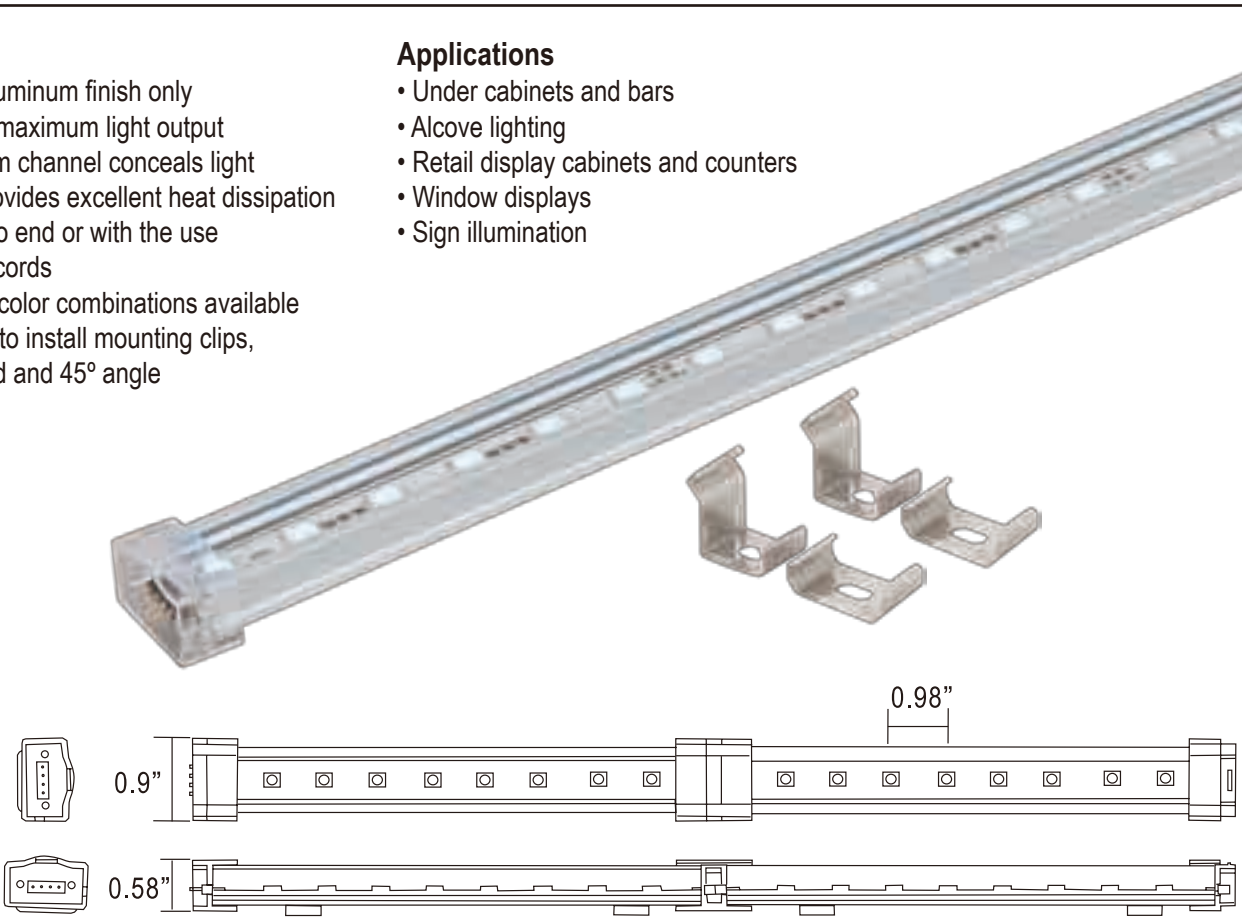
Item	Length	Diodes	Wattage	Lumens	Beam	Voltage	Current
E53720-AL	6"	10	2.88	R:30 G:50 B:15	120°	24V	120mA
E53721-AL	12"	18	4.32	R:54 G:90 B:27	120°	24V	180mA
E53722-AL	24"	36	8.64	R:108 G:180 B:30	120°	24V	360mA
E53723-AL	36"	54	12.96	R:162 G:270 B:45	120°	24V	540mA
E53724-AL	48"	72	17.28	R:216 G:360 B:60	120°	24V	720mA

Model Number	Wattage	Maximum Run	Wiring Diagram
E53313, E53318	60 Watts	13'	5
E53286	96 Watts	22'	5
E53287	150 Watts	30'	5

Wiring Diagram on page 32

Drivers

(See page 27-28 for detailed driver information)

E53313   24V 60w Plug-In Driver
E53318   24V 60w Class II Driver
E53286   24V 96w Class II Driver
E53287   24V 150w Driver

E|2 Contemporary Lighting™

24V RGB Controller

E53385
2.5"W x .8"H x 4"L
• Controls up to 30' of Rainbow Channel Star 24 using included RF remote control
• 4" 6-Pin power input cord, 72" 4-Pin signal output cord

## 24V DMX512 Interface/Decoder & Standalone RGB Controller

E53387
4.5"W x 1.5"H x 7.5"L
• Controls up to 30' of Rainbow Channel Star 24 using included RF remote control
• Meets DMX512 protocol and can be used as a DMX decoder
• 4" 6-Pin power input cord, 72" 4-Pin signal output cord

Rainbow Dial Controller

E53600 9"W x 1.8"H
• Controls up to 30' of Rainbow Channel Star 24 using included RF remote control
• 4" 6-Pin power input cord, 72" 4-Pin signal output cord

24V Amplifier

E53386
2.5"W x .8"H x 4"L
• Synchronizes additional runs up to 30' of Rainbow Channel Star 24 to one 24V RGB Controller.
• Requires an additional 24V Driver
• 6" 6-Pin power input cord, 6" 4-Pin signal input cord, 6" 4-Pin signal output cord
• Maximum 27 amplifiers per controller.

4-Pin 4-Way Connector
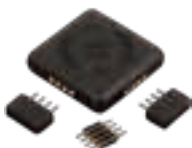
E53263
1.5"W x .25"H x 1.5"L
• Allows for L, T and X installations between 24V RGB Controller or 24V Amplifier and Rainbow Channel Star 24 with connecting cords
• Includes two 4-Pin Male End Caps and one 4-Pin Male/Male Adapter

4-Pin Connecting Cords

E53265 3"L x .5"W x .25"H **E53266** 7"L x .5"W x .25"H
E53267 13"L x .5"W x .25"H **E53268** 73"L x .5"W x .25"H
• Extend distance between 24V RGB Controller or 24V Amplifier and Rainbow Channel Star 24
• Connect sections of Rainbow Channel Star 24 together

Mounting Clips

E53354
1"W x .5"H x 1"L
• Additional clips for mounting Rainbow Channel Star 24 to surface
• Package of 4

Plastic Wire Clip

E53255
.5"W x .25"H x 1"L
• Secures to surface connecting cords and input/output cords of drivers, controllers and amplifiers
• Backed with 3M adhesive
• Package of 10

4-Pin Rough-In Terminal Block

E53383
.75"W x .5"H x 4"L
• Rough in for new installation construction between 24V RGB Controller or 24V Amplifier and Rainbow Channel Star 24
• Female connector on one end with four wire quick connector on opposite end
• Includes one 4-Pin Male/Male Adapter and stallation screw

Heat Shrink Wrap

E53256
1"W x .25"H x 3"L
• Secure connections when in walls
• Waterproof for damp locations
• Heat gun required for installation
• Package of 10

6-Pin Rough-In Terminal Block

E53258
.75"W x .5"H x 4"L
• Rough in for new installation construction between 24V Driver and 24V RGB Controller or 24V Amplifier
• Female connector on one end with two wire quick connector on opposite end
• Includes one 6-Pin Male/Male Adapter and installation screw

6-Pin 4-Way Connector

E53350
1.5"W x .25"H x 1.5"L
• Creates a power block for branching between 24V Driver and 24V RGB Controller or 24V Amplifier
• Includes two 6-Pin Male End Caps and one 6-Pin Male/Male Adapter

6-Pin Connecting Cords

E53465 5"L x .75"W x .25"H **E53467** 13"L x.75"W x .25"H
E53468 73"L x .75"W x .25"H
• Extend distance between 24V Driver and 24V RGB Controller or 24V Amplifier

45° Angle Mounting Clips

E53355
1"W x .75"H x 1"L
• Additional clips for mounting Rainbow Channel Star 24 to surface at 45° angle
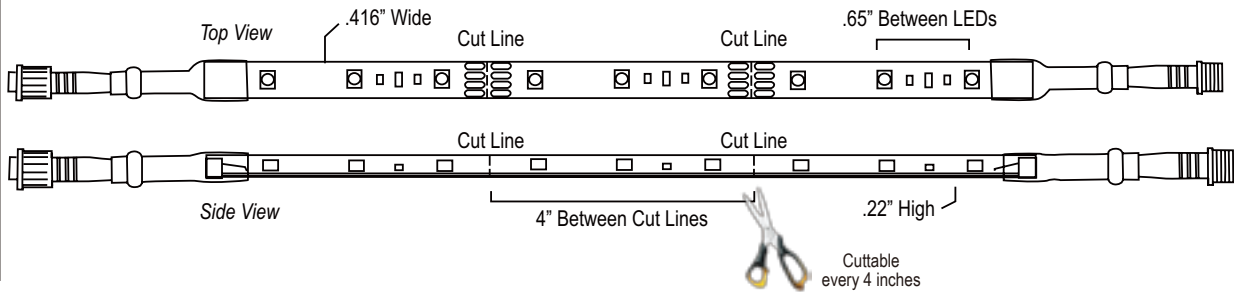• Package of 4

StarStrand® Aqua Star 24

Features
• Waterproof IP68 LED tape
• Chemical and UV resistant plastic cover
• Long runs up to 50'
• Installs into aluminum channel or silicone mouting clips
• High lumen double chip LED
• Multiple lengths with watertight IP68 connectors
• Field cuttable every 4 inches
See IP Chart on Page27

Applications
• Swimming pools and fountains
• Outdoor decks
• Step and stairs
• Landscape lighting
• Outdoor building accent lighting
• Driveway and sidewalk illumination

Top View .416" Wide Cut Line Cut Line .65" Between LEDs

Side View Cut Line Cut Line

4" Between Cut Lines .22" High

Cuttable every 4 inches

Item	Length	Diodes	Wattage	Lumens	Color Temp	CRI	PC Board	Beam	Voltage	Current
E53441	24"	36	5.4	256	3500 K	70-75	Black	120°	24V	225mA
E53442	60"	90	13.5	640	3500 K	70-75	Black	120°	24V	563mA
E53443	120"	180	27	1280	3500 K	70-75	Black	120°	24V	1.1A
E53445	300"	450	67.5	3200	3500 K	70-75	Black	120°	24V	2.8A

Model Number	Wattage	Maximum Run	Wiring Diagram
E53380	60 Watts	21'	2
E53316	100 Watts	30'	2
E53381	150 Watts	50'	2

Wiring Diagram on page 32

3500 K 120°	
Distance	Foot Candles
12in	29.54
24in	8.42
36in	3.86
48in	2.2

Shown using 1 foot section of Aqua Star 24

E12 Contemporary Lighting™

24V Outdoor Connecting Cords

E53364 .75"W x 48"L
E53365 .75"W x 144"L
• Extend distance between 24V
  Weatherproof Driver and Aqua Star 24
• Extend distance between two
  sections of Aqua Star 24
• IP68 rated for underwater
  applications up to 10'

Silicone End Cap Kit

E53368
.5"W x .1"H x .75"L
• Placed on run termination
• Protects against water and damage

45º Angle Mounting Channel

E53374
1"W x .75"H x 48"L
• Surface mount to angle tape for
  accent lighting
• Aluminum screws included

Mounting Clip

E53370
.5"W x .25"H x .5"L
• Use to secure Aqua Star 24 to surface
• Stainless steel screws included
• Clear polycarbonate plastic
• Package of 6

Aluminum Channel

E53373
.75"W x .75"H x 60"L
• Can be recessed or surface mount
• Aluminum screws included

Drivers

(See page 28 for detailed driver information)

E53380   24V 60w Weatherproof Class II Driver

E53316   24V 100w Weatherproof Class II Dimmable Driver

E53381   24V 150w Weatherproof Class II Driver

StarStrand ® Rainbow Aqua Star 24

Features
• Waterproof IP68 color changing LED tape
• Nine modes of color and movement
• Chemical and UV resistant plastic cover
• Long runs up to 30 feet
• Installs into aluminum channel or silicone mouting clips
• Multiple lengths with watertight IP68 connectors
• Field cuttable every 4 inches

Applications
• Swimming pools and fountains
• Outdoor living areas
• Landscape lighting
• Outdoor architectural features
• Signs
• Outdoor walkways

CUT LINE   CUT LINE   0.5"
0.65"
4"   4"   4"
0.25"   CUT LINE   CUT LINE

Cuttable
every 4 inches
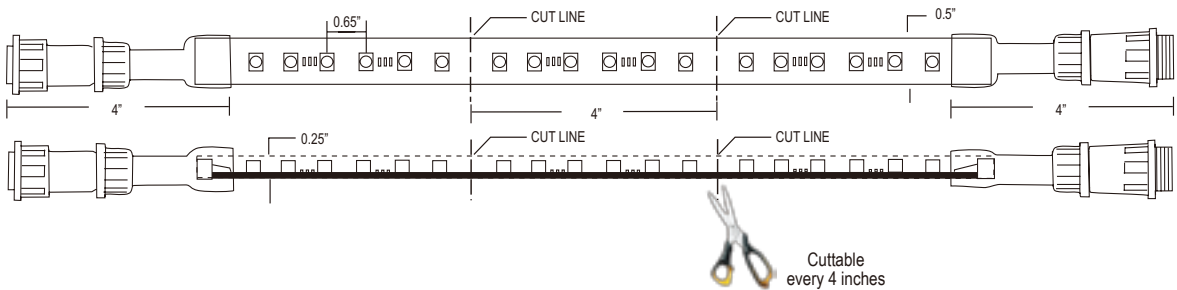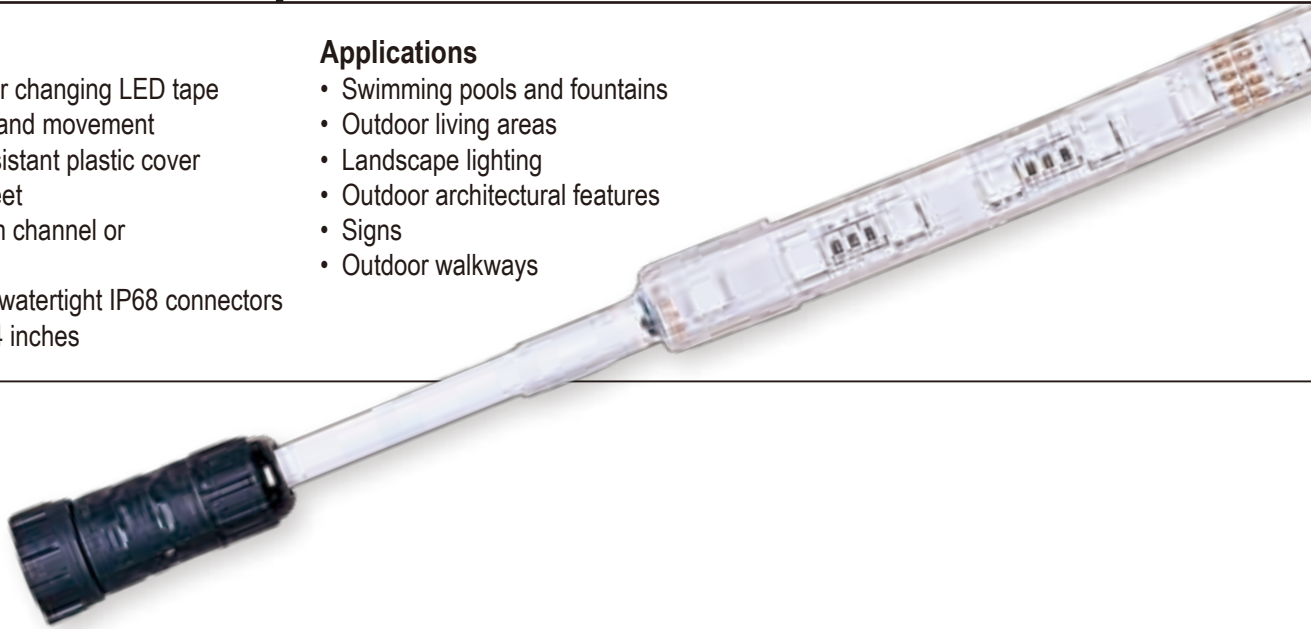
Item	Length	Diodes	Wattage	Lumens	PC Board	Beam	Voltage	Current
E53541	24"	36	8.64	R:108 G:180 B:54	White	120°	24V	360mA
E53542	60"	90	21.6	R:270 G:450 B:135	White	120°	24V	900mA
E53543	120"	180	43.2	R:540 G:900 B:270	White	120°	24V	1.8A
E53545	300"	450	108	R:1350 G:2250 B:675	White	120°	24V	4.5A

Model Number	Wattage	Maximum Run	Wiring Diagram
E53380	60 Watts	13'	4
E53381	150 Watts	30'	4

Contemporary Lighting™

24V Weatherproof RGB Controller

E53389
2.5"W x 1"H x 5"L
• Required to control up to 30' of Rainbow Aqua Star 24
• IP65 rated (not submersible)
• RF remote control included
• 4" power input cord, 72" signal output cord
(*See page 29 for detailed controller information*)

Silicone End Cap Kit

E53368
.5"W x .1"H x .75"L
• Placed on run termination
• Protects against water and damage

24V Weatherproof Amplifier

E53390
2.5"W x 1"H x 4"L
• Synchronizes additional runs up to 30' of Rainbow Aqua Star 24 to one 24V Weatherproof RGB Controller.
• Maximum 27 amplifiers per controller
• IP65 rated (not submersible)
• Requires an additional 24V Driver
• 6" power input cord, 6" signal input cord, 6" signal output cord

Mounting Clip

E53370
.5"W x .25"H x .5"L
• Use to secure Rainbow Aqua Star 24 to surface
• Stainless steel screws included
• Clear polycarbonate plastic
• Package of 6

Aluminum Channel

E53373
.75"W x .75"H x 60"L
• Can be recessed or surface mount
• Aluminum screws included

45º Angle Mounting Channel

E53374
1"W x .75"H x 48"L
• Surface mount to angle tape for accent lighting
• Aluminum screws included

24V Outdoor Connecting Cords

E53364   .75"W x 48"L
E53365   .75"W x 144"L
• Extend distance between 24V Weatherproof Driver and Rainbow Aqua Star 24
• Extend distance between two sections of Rainbow Aqua Star 24
• IP68 rated for underwater applications up to 10'

Drivers

(See page 28 for detailed driver information)

E53380   24V 60w Weatherproof Class II Driver

E53381   24V 150w Weatherproof Class II Driver

StarStrand® Rainbow Dial RGB Controller System

StarStrand Rainbow Dial is a new, user friendly, way to control Rainbow Star 24 or Rainbow Channel Star 24. With this system you simply use the remote to dial the color to display. The color id displayed in the center of the dial, allowing the user to not have to be located in the view of the tape. The Rainbow Dial controller has 16 prepositioned changing patterns that are touch controlled. One remote can be wall mounted with the included bracket. Remote is powered with a rechargeable battery and the charger is included.

Features
- 16 color patterns
- Dimmable while on static colors
- Pause functions wile doing skipping or gradual change
- 50 levels for brightness adjustment
- 50 levels for speed adjustment

Color Patterns
1. Static Red
2. Static Green
3. Static Blue
4. Static Yellow
5. Static Purple
6. Static Cyan
7. Static White
8. Colors Quickly Change
9. Red Fades
10. Green Fades
11. Blue Fades
12. Yellow Fades
13. Purple Fades
14. Cyan Fades
15. White Fades
16. Colors Gradually Change

E53600
Rainbow Dial Controller System
9"W x 1.8"H
Includes:
- Rainbow Dial touch remote control
- Wall mount bracket
- Battery charger
- Rainbow Dial controller

E53601
Additional Rainbow Dial controller
9"W x 1.8"H

E|2 Contemporary Lighting™

Exclusive to StarStrand

40 - 100w Dimmable Driver

53330 110V Input
53331 277V Input
9"L x 1.8"W x 1.25"H
• Output Voltage DC24V 4A (100% Load) RMS
• Class 2 Constant Voltage
• Active PFC Function
• Short Circuit Ptotection
• Efficiency > 85%
• OVC < 35v
• Minimum Load 5 Watt
• Minimum Dimmable Load 40 Watt
• Wiring Compartment w/ 3 x 1/2" KO
• Includes 6' Output Cord
• Dimmable w/ Standard Triac Dimmer

30w Driver

53324 Non Dimmable 110V - 277V
53326 Dimmable 110V
9.5"L x 2"W x 1.25"H
• Output Voltage DC24V 1.25A
• Class 2 Constant Voltage
• PFC > .95
• Short Circuit Protection
• Efficiency > 85%
• OVC < 35v
• Minimum Load 3 Watt
• Minimum Dimmable Load 5 Watt
• Wiring Compartment w/ 3 x 1/2" KO
• Includes 6' Output Cord
• Dimmable w/ Standard Triac Dimmer

StarStrand® 24V Drivers

24V 60w Plug-In Driver

E53313
• Electronic plug-in driver
• 120V-240V input
• 24V, 2.5A output
• Short circuit protection, overload
  protection, over voltage protection
• Operating temperature: 32°F to 104°F
• Includes 72" 6-Pin output cord

24V 96w Class II Driver

E53286
8"L x 3.8"W x 1.5"H
• Electronic direct wire driver
• 120V-264V input
• 24V, 4A output
• Short circuit protection, overload
  protection, over temperature, over
  voltage protection
• Power factor fontrol, constant current
• Operating temperature: -22°F to 122°F
• Includes 72" 6-Pin output cord
• Class II UL 1310, UL-RU certified

24V 60w Class II Driver

E53318
7.1"L x 2.4"W x 1.4"H
• Electronic direct wire driver
• 120V-264V input
• 24V, 2.5A output
• Short circuit protection, overload
  protection, over voltage protection
• Constant current
• Operating temperature: -4°F to 140°F
• IP64 rated
• Includes 72" 6-Pin output cord
• Class II UL 1310, UL-RU certified

24V 150w Driver

E53287
7.75"L x 3.75"W x 1.5"H
• Electronic direct wire driver
• 120V/240V input
• 24V, 6.5A output
• Short circuit protection, overload
  protection, over voltage protection
• Operating temperature: 14°F to 140°F
• Includes 72" 6-Pin output cord
• UL 1012, UL-RU certified

24V 320w Driver

E53288
8.5"L x 4.5"W x 2.25"H
• Electronic direct wire driver
• 120V/240V input
• 24V, 12.5A output
• Short circuit protection, overload
  protection, over temperature, over
  voltage protection
• Operating temperature: 14°F to 140°F
• Includes two 72" 6-Pin output cords
• UL 60950-1, UL-RU certified

24V 480w Driver

E53289
11"L x 5"W x 1.7"H
• Electronic direct wire driver
• 120V-264V input
• 24V, 20A output
• Short circuit protection, overload
  protection, over temperature, over
  voltage protection
• Power factor control, constant current
• Operating temperature: -4°F to 140°F
• Includes two 72" 6-Pin output cords
• UL 60950-1, UL-RU certified

IP Chart

IP64	Protected against access to hazardous parts. Dust tight. Protected against water splashing from any angle.
IP67	Protected against access to hazardous parts. Dust tight. Protected against the effects of TEMPORARY submersion in water
IP68	Protected against access to hazardous parts. Dust tight. Protected against submersion of up to 5 feed. (1 meter)

Contemporary Lighting™

StarStrand® 24V Weatherproof Drivers

24V 100w Weatherproof Class II Dimmable Driver

E53316
6"L x 2.5"W x 2.25"H
• Magnetic direct wire driver
• 120V input
• 24V, 4A output
• Short circuit protection, overload protection
• Operating temperature: -22°F to 140°F
• Includes 72" weatherproof output cord
• Class II UL 2108, ETL Certified
• Requires magnetic low voltage
  dimmer (not included)

24V 150w Weatherproof Class II Driver

E53381
8.75"L x 2.75"W x 1.5"H
• Electronic direct wire driver
• 120V-277V input
• 24V, 6.3A output
• Short circuit protection, overload
  protection, over temperature,
  over voltage protection
• Power factor control, constant current
• Operating temperature: -22°F to 158°F
• IP67 rated
• Includes 72" weatherproof output cord
• Class II UL 1012, 60950-1,
  UL-RU certified

24V 60w Weatherproof Class II Driver

E53380
7.75"L x 2.5"W x 1.5"H
• Electronic direct wire driver
• 120V-277V input
• 24V, 2.5A output
• Short circuit protection, overload
  protection, over temperature,
  over voltage protection
• Power factor control, constant current
• Operating temperature: -22°F to 158°F
• IP67 rated
• Includes 72" weatherproof output cord
• Class II UL 879, 8750, 1310,
  UL-RU certified

StarStrand® 24V Dimmable Drivers

24V 60w Class II Dimmable Driver

E53311
6"L x 2.5"W x 2.25"H
• Magnetic direct wire driver
• 120V input
• 24V, 2.5A output
• Short circuit protection, overload protection
• Operating temperature: -22°F to 140°F
• Includes 72" 6-Pin output cord
• Class II UL 2108, ETL Certified
• Requires magnetic low voltage
  dimmer (not included)

24V 100w Class II Dimmable Driver

E53314
6"L x 2.5"W x 2.25"H
• Magnetic direct wire driver
• 120V input
• 24V, 4A output
• Short circuit protection, overload protection
• Operating temperature: -22°F to 140°F
• Includes 72" 6-Pin output cord
• Class II UL 2108, ETL Certified
• Requires magnetic low voltage
  dimmer (not included)

24V 100w Weatherproof Class II Dimmable Driver

E53316
6"L x 2.5"W x 2.25"H
• Magnetic direct wire driver
• 120V input
• 24V, 4A output
• Short circuit protection, overload protection
• Operating temperature: -22°F to 140°F
• Includes 72" weatherproof output cord
• Class II UL 2108, ETL Certified
• Requires magnetic low voltage
  dimmer (not included)

StarStrand® Controllers

24V RGB Controller

E53385
6"L x 1"H x 2.5"W
• Controls color, color intensity
  and speed
• Controls 30' of Rainbow Star 24
  or Rainbow Channel Star 24
• RF remote control included
• 4" 6-Pin input cord, 72" 4-Pin
  output cord

Remote Functionality
Six button RF remote controls
include on/off, brightness up/down,
speed up/down, mode choice

Modes - 10
Static red, static yellow, static
green, static cyan, static blue,
static purple, static white, single
color rotate, red-green-blue single
color jump, colors gradually
change in circles

24V Weatherproof RGB Controller

E53389
5"L x 1"H x 2.5"W
• Controls color, color intensity
  and speed
• Controls 30' of Rainbow Aqua
  Star 24
• RF remote control included
• IP65 rated (not submersible)

Remote Functionality
Four button RF remote controls
include on/off, speed up/down,
mode choice

Modes - 9
Static red, static yellow, static
green, static cyan, static blue,
static purple, static white, single
color jump, colors gradually
change

24V Dimming Controller

E53393
5"L x 1"H x 2.5"W
• Full range dimming
• Controls up to max run of Ultima
  Star 24, Solar Star 24, Elite Star
  24 and Channel Star 24
• RF remote control included
• All 24V Dimming Controllers are
  on the same RF frequency
• Compatible with drivers E53313
  and E53318

Remote Functionality
Six button RF remote controls
include on/off, brightness up/down

E|2 Contemporary Lighting™

StarStrand® Controllers

24V DMX512 Interface/Decoder & Standalone RGB Controller

E53387
7.5"L x 1.5"H x 4.5"W
• Meets DMX512 protocol and can be used as DMX interface/decoder
• As a standalone controller, it can control color, color intensity and speed
• Controls 30' of Rainbow Star 24 or Rainbow Channel Star 24
• RF remote control included
• 4" 6-Pin input cord, 72" 4-Pin output cord, and 12" XLR3 connecting cord
• XLR3 male and female interface to connect multiple units together

Remote Functionality
Four button RF remote controls include mode choice, mode set, up and down

Modes - 33
Static red, static green, static blue, static yellow, static purple, static cyan, static white, 7-color jump, 6-color jump, 7-color flick, red/green jump, red/blue jump, green/blue jump, red/green/blue jump, red/green flick, red/blue flick, green/blue flick, red/green/blue flick, red/green/blue smooth, red/green smooth, red/blue smooth, green/blue smooth, red/green/blue gradual, red/green gradual, red/blue gradual, green/blue gradual, red gradual, green gradual, blue gradual, red dim mode, green dim mode, blue dim mode, red/green/blue mix

RGB Dial Controller

E53600
9"W x 1.8"H
• 16 color patterns
• Dimmable while on static colors
• Pause functions while doing skipping or gradual changes
• 50 levels for brightness adjustment
• 50 levels for speed adjustment
• Remote is powered with a rechargeable battery
• Charger and holder are included
• Additional Rainbow Dial RGB Controller available E53601

Remote Functionality
Multi-Function remote where the color id displayed in the center of the dial, allowing the user to not have to be located in the view of the tape.

Modes - 16
Static red, static green, static blue, static yellow, static purple, static cyan, static white, colors quickly change, red fades, green fades, blue fades, yellow fades, purple fades, cyan fades, white fades, colors gradually change

24V Color Flex Controller

E53398
4"W x 4"L x 2"H
• Controls up to 20' of Color Flex Star 24 using RF remote control or wall controller, both which are included
• Adjusts color temperature from 2900 K to 5500 K
• 4" 6-Pin power input cord, 72" 4-Pin signal output cord

Remote Functionality
Eight button RF remote controls included on/off, color temperature selction, speed up/down, brightness up/down and pause capability

StarStrand® Controllers

Digital Rainbow Star Controller

E53391
4"L x 1"H x 2.5"W
- Controls up to 300 feet of
  StarStrand Digital Rainbow Star
- 36 modes and patterns
- 20 levels of speed adjustment
- 16 levels of brightness
- Power off data memory
- Remote control included

Digital Rainbow Star WiFi Controller

E53392
4"L x 1"H x 2.95"W
- Uses iPad® / iPhone® / iPod touch®
  to control system when both device
  and controller are on the same network
- Download free app from iTunes
- IOS user interface for easy operation
- 347 preset chasing modes
- 50 user defined custom modes

Digital Rainbow Star DMX Interface/Controller

E53388
7.5"L x 1.5"H x 4.5"W
- Controls up to four 300 foot sections of
  StarStrand Digital Rainbow Star
- Four channels of simultaneous output
- 36 modes and patterns
- One DMX512 (1990) protocol mode
- 32 grayscale levels
- 60 levels of speed adjustment
- Power off data memory
- LCD screen shows working status

1. Elite/Solar /Ultima Star 24 /Spec Star

Driver

OR
Plug In driver

1. Driver
4. E53464 90º connector
5. E53465 5" Connector cord
6. E53469 End Cap

2. Aqua Star 24

Direct Wire Driver

1. Direct Wire Driver
2. E53362 Output Cord
3. Silicone End Cap

3. Rainbow Star 24

Driver

RGB Controller

Maximum 30'

Direct Wire Driver

RGB Amplifier

Maximum 30'

1. Driver
3. E53385 RGB Controller
4. E53265 3" Connecting Cord
5. E53386 RGB Amplifier
6. E53269 End Cap

4. Rainbow Aqua Star 24

Direct Wire Driver

RGB Controller

Maximum 30'

Direct Wire Driver

RGB Amplifier

Maximum 30'

1. Direct Wire Driver
2. E53362 Output Cord
3. E53389 RGB Controller
4. E53390 RGB Amplifier

5. Rainbow Channel/Channel Star 24

RGB Controller

Driver

OR
Plug In Driver

1. Driver
2. E53385 RGB Controller
   (For Rainbow Channel Star 24 Only)
3. 36" Channel Star 24
4. 12" Channel Star 24
5. E53265 3" Connecting cord
6. 24" Channel Star 24
7. 48" Channel Star 24
8. E53267 13" Connecting Cord

6. Color Flex Star 24

Driver

Controller

Maximum 20'

Direct Wire Driver

Amplifier

Maximum 20'

1. Driver
3. E53398 Color Flex Controller
4. E53265 3" Connecting Cord
5. E53386 Amplifier
6. E53269 End Cap
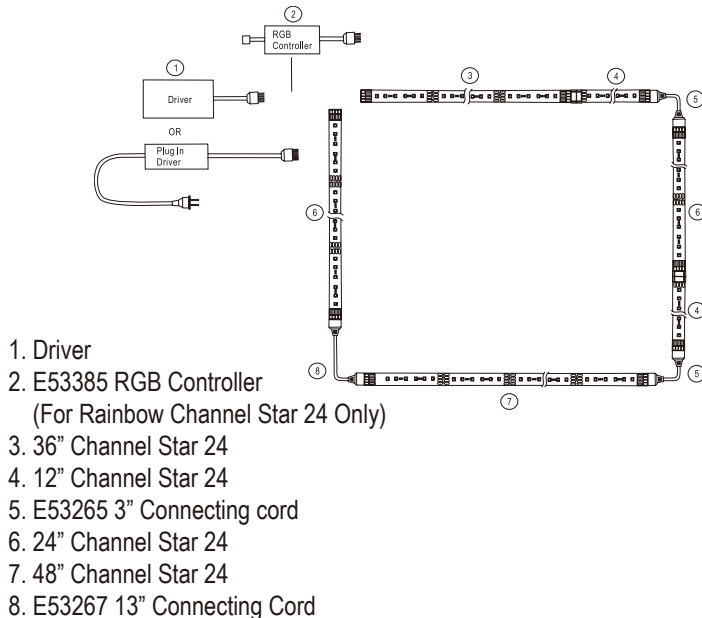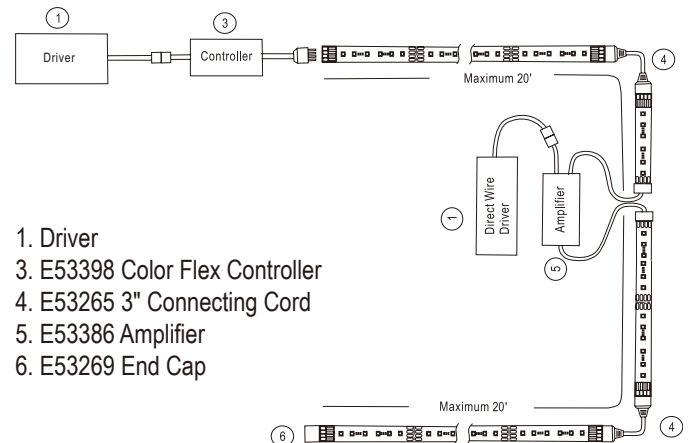
24V Diagram
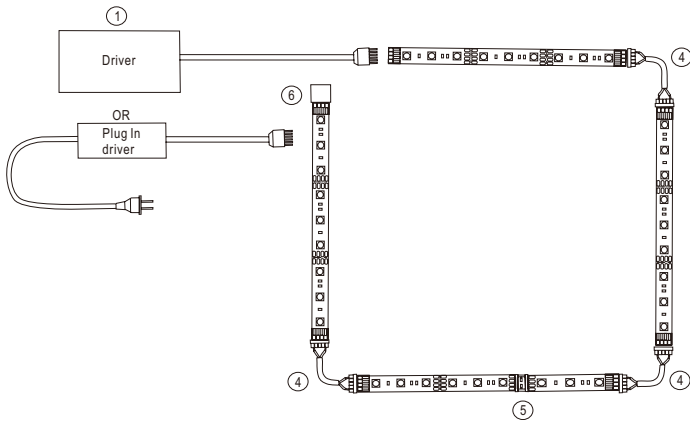
1. Driver
4. E53259 Flexible Connector
5. E53261 Tape Splicer
6. E53269 End Cap

Contemporary Lighting™

- Elite Star24, Solar Star 24, Ultima Star 24, Aqua Star24, Rainbow Star 24, Rainbow Aqua Star 24 and Color Flex Star 24 can be field cut every 4". Once the tape is cut you CANNOT add a power connector or rejoin to start section.
- Polarity must be maintained. Each tape has + positive pin. Connectors are marked with + symbol. Positive polarity must be maintained or a section will not light. It is recommended to install all sections and power up to make sure polarity is correct before adhering to surface.
- Use the 4-Pin 4-Way Connector or 6-Pin 4-Way Connector to get to 90 degree angles and turns. Connector Cords and the 6-Pin 90 degree Connector can also be used for corners and around obstacles. IT IS NOT RECOMMENDED TO BEND TAPE MORE THAN 45 DEGREES.
- 4-Pin 4-Way Connector or 6-Pin 4-Way Connector can also be used to power branched runs up to the maximum. Positioning of the driver is critical to limit the amount of drivers required for each installation.
- Connector Cords can be used between the driver and the first tape section, driver and controller/amplifier, controller/amplifier and first tape section, between sections, to go around corners and to extend runs.
- Channel can be used to install on irregular surfaces and also areas where tape will be visible and needs to be concealed.
- End Caps should be used at every termination whether tape is cut or not.
- 24V RGB Controller is necessary for every Rainbow Star 24 and Rainbow Channel Star 24 installation and is installed after the driver and before the first section of Rainbow Star 24 tape or Rainbow Channel Star 24. 24V RGB Controller will only work on Rainbow Star 24 or Rainbow Channel Star 24.
- 24V Weatherproof RGB Controller is necessary for every Rainbow Aqua Star 24 installation and is installed after the driver and before the first section of Rainbow Aqua Star 24 tape. 24V Weatherproof RGB Controller will only work on StarStrand Rainbow Aqua Star 24.
- 24V Color Flex Controller is necessary for every Color Flex Star 24 installation and is installed after the driver and before the first section of Color Flex Star 24 tape. 24V Weatherproof RGB Controller will only work on Color Flex Star 24.
- 24V Dimming Controller will work on Elite Star 24, Ultima Star 24 and Channel Star 24. 24V Dimming Controller is installed after the driver and before the first section of tape or channel.
- 24V 96w Direct Wire Driver, 24V 60w Dimmable Direct Wire Driver, 24V 100w Dimmable Direct Wire Driver, 24V 100w Weatherproof Dimmable Direct Wire Driver, 24V 60w Weatherproof Driver, and 24V 150w Weatherproof Driver are Class II drivers.
- 4-Pin Connector Cords, input cords and output cords are made from 22 gauge wire. 6-Pin Connector Cords, input cords and output cords are made from 20 gauge wire.
- Connector Cords are not CL2/CL3 rated. This means that the Connector Cords are not fire rated for in-wall installations.
- In order to do an in-wall installation for StarStrand, the customer will need to purchase the 4-Pin Rough In Terminal Block, 6-Pin Rough In Terminal Block or 4-Pin RGB Rough In Terminal Block and place the blocks on each side of CL2/CL3 rated low voltage wire. A sample installation would be Romex/Line > Driver > Driver Output Cord > Rough In Terminal Block > Wall > CL2/CL3 rated low voltage wire > Wall > Rough in Terminal Block > Tape
- If splicing connector cords is required, when splicing the 4-Pin connecting cords, the Red/Blue wire are Negative, the Black/Green wire are Positive. When splicing the 6-Pin connecting cords, the Blue wire is Negative, the Brown wire is Positive.
- The maximum amount of cord (driver output cord, connecting cord, controller/amplifier input cord, controller/amplifier output cord) that can be used in any StarStrand 12V or StarStrand 24V run is 24 total feet before any voltage drop will occur. Connecting cords can also be used to increase the distance between the driver and tape, driver and controller/amplifier, controller/amplifier and tape, not to exceed 24 total feet.
- StarStrand LED tape can operate in an environment between 14°F and 122°F.
- The Aqua 24 IP68 connectors are roughly .75" thick.
- Use aftermarket industrial grade silicone that meets the requirements of the climate when installing Aqua Star 24 or Rainbow Aqua Star 24

Maximum Run Chart

Series	Driver Wattage	Driver Models	Max Run	Max Run Using 2-Cord Output
Aqua Star 24	60 Watts	E53380	21 Feet	......
	100 Watts	E53316	30 Feet	......
	150 Watts	E53381	50 Feet	......
Basic Star 24	30 Watts	E53324, E53326	22 Feet	......
	60 Watts	E53313	32 Feet	......
	75 Watts	E53320	32 Feet	......
Channel Star 24	30 Watts	E53324, E53326	8 Feet	......
	60 Watts	E53311, E53313, E53318	13 Feet	......
	96 Watts	E53286	22 Feet	......
	100 Watts	E53314, E53330, E53331	22 Feet	......
	150 Watts	E53287	32 Feet	......
Color Flex Star 24	60 Watts	E53313	20 Feet	......
	60 Watts	E53318	20 Feet	......
Elite Star 24	30 Watts	E53324, E53326	11 Feet	......
	60 Watts	E53311, E53313, E53318	20 Feet	......
	96 Watts	E53286	33 Feet	......
	100 Watts	E53314, E53330, E53331	33 Feet	......
	150 Watts	E53287	50 Feet	......
	320 Watts	E53288	75 Feet	105 Feet
	480 Watts	E53289	75 Feet	150 Feet
Rainbow Star 24	60 Watts	E53313, E53318	13 Feet	......
	96 Watts	E53286	22 Feet	......
	150 Watts	E53287	30 Feet	......
Rainbow Aqua Star 24	60 Watts	E53380	13 Feet	......
	150 Watts	E53381	30 Feet	......
Rainbow Channel Star 24	60 Watts	E53313, E53318	13 Feet	......
	96 Watts	E53286	22 Feet	......
	150 Watts	E53287	30 Feet	......
Solar Star 24	30 Watts	E53324, E53326	8 Feet	......
	60 Watts	E53311, E53313, E53318	13 Feet	......
	96 Watts	E53286	22 Feet	......
	100 Watts	E53314, E53330, E53331	22 Feet	......
	150 Watts	E53287	32 Feet	......
	320 Watts	E53288	50 Feet	70 Feet
	480 Watts	E53289	50 Feet	100 Feet
Spec Star	30 Watts	E53324	6 Feet	......
	30 Watts	E53326	6 Feet	......
	60 Watts	E53313, E53318	12 Feet	......
	96 Watts	E53286	22 Feet	......
	100 Watts	E53330, E53331	22 Feet	......
Ultima Star 24	30 Watts	E53324, E53326	8 Feet	......
	60 Watts	E53311, E53313, E53318	13 Feet	......
	96 Watts	E53286	22 Feet	......
	100 Watts	E53314, E53330, E53331	22 Feet	......
	150 Watts	E53287	32 Feet	......
	320 Watts	E53288	50 Feet	70 Feet
	480 Watts	E53289	50 Feet	100 Feet

Contemporary Lighting™

A

B

C

A. StarStrand LED Tape*	B. StarStrand Channel Star 24**	C. CounterMax/StarStrand Selling Case
EDSP018-SV	**EDSP014-SV**	**EDSP019-AL**
14"W x 12"H x 6"L	14"W x 12"H x 6"L	16.5"W x 4.75"H x 12.5"L

*Includes Basic Star, Ultima Star 24, Elite Star 24, Solar Star 24, Color Flex Star 24, Rainbow Star 24, Aqua Star 24 and Rainbow Aqua Star 24.
**Includes Channel Star 24 3000 K, Channel Star 24 5000 K and Rainbow Channel Star 24.

CounterMax® MX-LD-D

The versatile CounterMax MX-LD-D LED disc features two piece aluminum construction that allows for both surface mounting or recessed installation and are designed for daisy chain installation of up to nine discs on one driver with direct-wire installation. MX-LD-D LED discs operate at a fraction of the heat of a halogen or xenon discs and consume less than three watts of electricity. When used in conjunction with the available dimmable driver, MX-LD-D LED discs are dimmable using a standard dimmer. This combination of versatility, safety, energy efficiency and dimmability make the MX-LD-D LED discs the smart choice for disc lighting.

Features
• Surface or recessed installation
• Warm white 3000 K color temperature
• Two 12" wire leads (Black for Anodized Bronze and
   Brushed Aluminum finishes, White for White finish)
• Twist lock connectors
• 220 lumens
• 2.3 watts
• 24 volt low voltage lighting system
• Two piece aluminum construction
• Frosted light guard diffuser
• Mounting screws
• Up to nine MX-LD-D LED discs on a single driver
• Dimmable using the available dimmable driver using a standard dimmer

.5"
2.75"
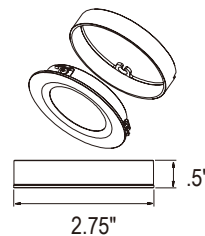
LED Discs
E53860-AL   Brushed Aluminum
E53860-BRZ Anodized Bronze
E53860-WT   White
2.75"W x .5"H
1 x 2.3w LED (Integrated)
220 Total Rated Lumens

Brushed Aluminum
E53860-AL

Anodized Bronze
E53860-BRZ

White
E53860-WT

E2 Contemporary Lighting™

Recessed

Surface

3000 K Warm White

High

36"	88lux
72"	22lux
108"	10lux
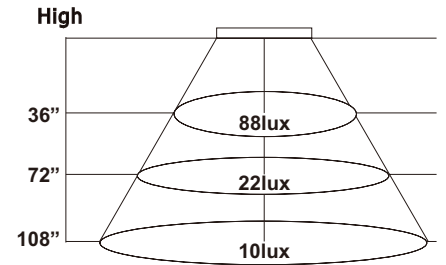
Angular Displacement Degree

0.0

100/88cd
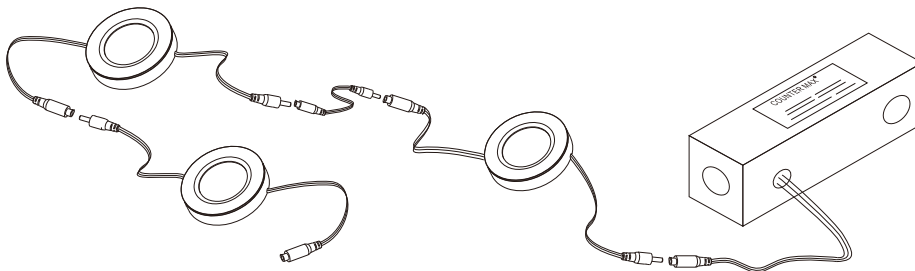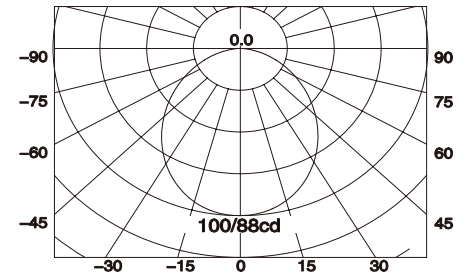
24V 20w Direct Wire Driver
E53875-BK (Non Dimmable)
E53878-BK (Dimmable)
7.75"L x 2"W x 1.25"H
• 110V/277V input
• 24V, .83A output
• Operates Up To 6 MX-LD-D LED discs
• 72" output cord
• Direct wire junction box
• E53878-BK dimmable using standard dimmer

24V 30w Direct Wire Driver
E53876-BK (Non Dimmable)
E53879-BK (Dimmable)
9.5"L x 2"W x 1.25"H
• 110V/277V input
• 24V, 1.25A output
• Operates Up To 9 MX-LD-D LED discs
• 72" output cord
• Direct wire junction box
• E53879-BK dimmable using standard dimmer

Extension Cords
• Extends distance between
  driver and MX-LD-D LED disc
• Extends distance between any
  two MX-LD-D LED discs
• Maximum amount of extension
  cords on a single driver is 120"
12" E53868-WT White
12" E53868-BK Black
24" E53869-WT White
24" E53869-BK Black

CounterMax® MX-LMC

CounterMax MX-LMC LED mini channel is designed for illuminating drawers and cabinets. At just over 1/4" wide it is as easy to conceal as it is to install. Both flat and 45° angle mounting clips are included and provide for easy do-it-yourself installation. The channel is aluminum and is finished in a rich anodized Bronze which coordinates well with most wood finishes. The optical lens focuses the light where needed and the warm white 3000K LED provides ample light without heat, and is efficient in consuming only 2w per foot. Optional motion sensor allows for automatic control, perfect for cabinet installation.

Starter Kit
E53800-BRZ
Includes:
• Four 10" CounterMax MX-LMC LED mini channels
• One 110V/220V input, 12V 2A output driver with 72" output cord
• One 4" power supply cord
• Two 2" connecting cords
• Eight flat mounting clips
• Eight 45° angle mounting clips
• Mounting Screws
• End Caps
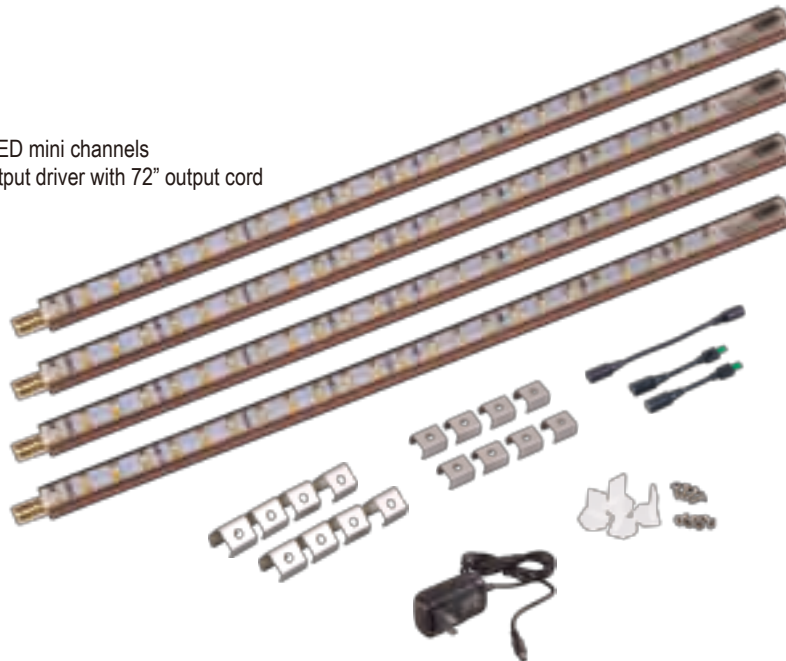
Starter Kit
E53802-BRZ
Includes:
• Four 16.5" CounterMax MX-LMC LED mini channels
• One 110V/220V input, 12V 2A output driver with 72" output cord
• One 4" power supply cord
• Two 2" connecting cords
• Eight flat mounting clips
• Eight 45° angle mounting clips
• Mounting Screws
• End Caps

E|2 Contemporary Lighting™
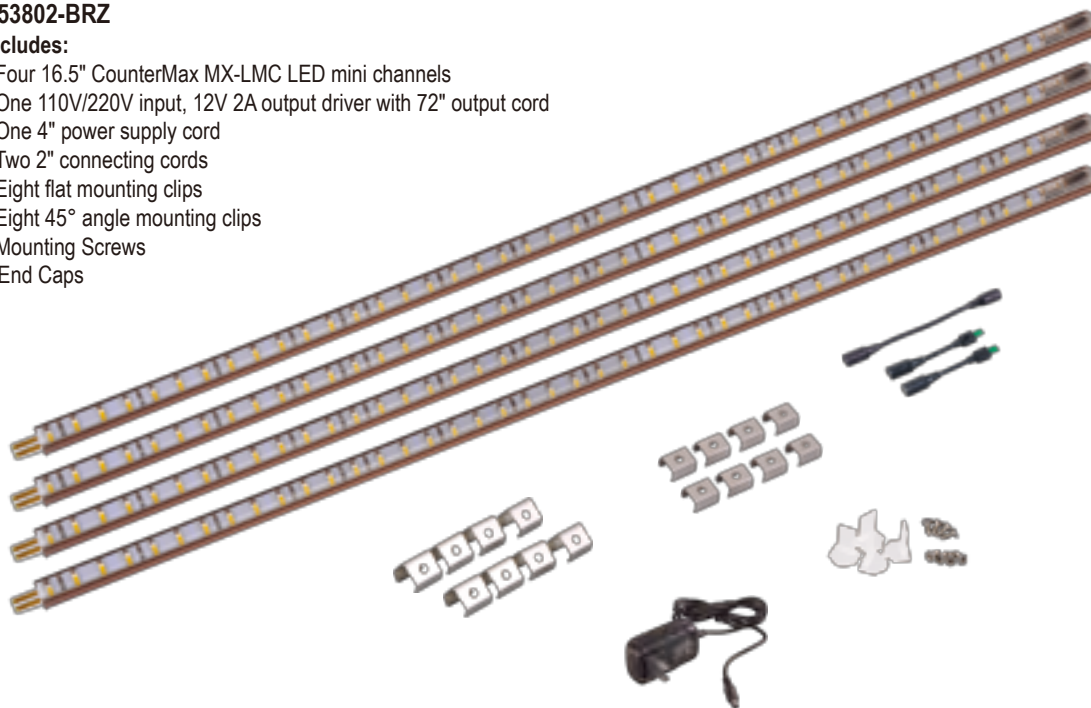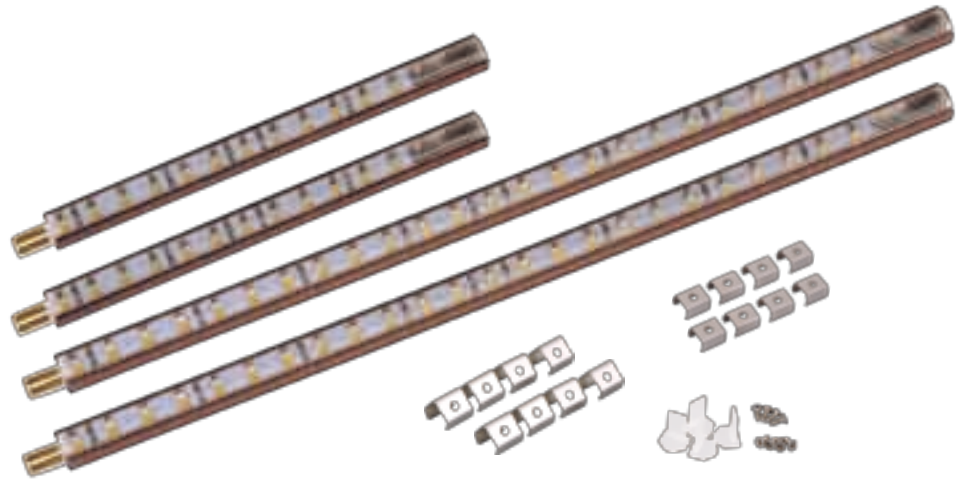
Add-On Kit
E53804-BRZ
One Add-On kit can be used with either starter kit and Includes:
• Two 10" CounterMax MX-LMC LED mini channels
• Two 5" CounterMax MX-LMC LED mini channels
• Eight flat mounting clips
• Eight 45°angle mounting clips
• Mounting Screws

.37"

.35"

.37"
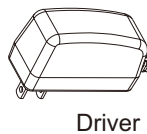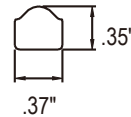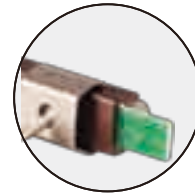
Connecting Cord

Driver
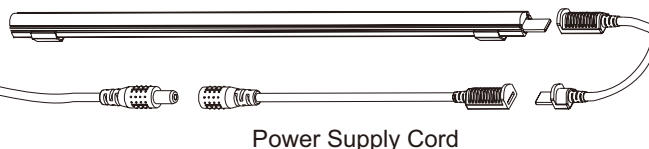
Power Supply Cord

Length	Diodes	Wattage	Lumens	Beam	Voltage	Color Temp.
5"	12	0.96	65	70°	12V	3000K
10"	24	1.92	130	70°	12V	3000K
16.5"	42	3.36	227	70°	12V	3000K

Motion Sensor
E53812-BK Black
1"D x 2.25"L x 1.15"W
• Turns CounterMax MX-LMC system on and off by infrared sensor
• Once the sensor, with a range of 20', detects motion through body heat, it will turn the system on
• After 15 minutes of no motion detected, the sensor will turn the system off.
• Installed between driver and distributor
• Includes one 6" input cord and two 24" output cords

Touch Dimmer
E53811-WT White
E53811-BK Black
3"L x 1.2"W x .6"H
• Dims CounterMax MX-LMC system and turns the system on or off
• A tap turns the system on or off, a continuous hold for full range dimming.
• Installed between driver and distributor
• Includes one 10" input cord and one 45" output cord

Plastic Wire Clip
E53255
.5"W x .25"H x 1"L

INDEX

E|2 Contemporary Lighting™

Civic Center Park, Denver, CO

LETBRO1305

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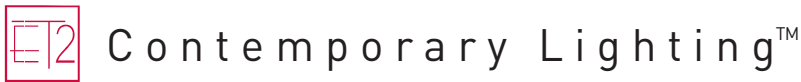
ET2 Contemporary Lighting

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