

# INFINA®

INDOOR & OUTDOOR  
AC LED FLEXIBLE LIGHTING



FIFTH EDITION



  
**JESCO**  
LIGHTING GROUP



DESIGNED FOR CREATIVITY. BUILT FOR SOLUTIONS



Note: Do not power on when strip light is in a spool.

## CONSISTENCY

- Constant current with on-board IC chips that control each LED
- 3-step MacAdam LED chips
- Extremely high lumen output - 555 Lm/Ft
- Extremely high efficacy - 112 Lm/W

On-board IC chips maintain uniform light distribution across entire runs with negligible loss of light output - even at the end of long 150ft runs.

Smooth ELV dimming down to 10% with recommended controllers.

No driver means the weakest link in an LED system is eliminated.

As the first to introduce AC LED strips we have tackled every issue and application usage.

Designed, developed and assembled in the U.S.A.

## VARIETY

- Many CCTs - 2400K, 2700K, 3000K, 3500K, 4000K & 5000K
- Hardwire or Plug & Play
- Indoor or Outdoor applications
- 5 lengths of connection cables - direct, 3", 6", 12" & 24"
- Mounting channels or clips
- New 45 degree mounting option
- Aluminum channel and lens set
- INFINA ACX also available in red and blue

No other AC LED strip offers the full complement of options and accessories. Match that with our long history with AC LEDs for you to call on when needed during your design process makes INFINA the go-to AC strip.

## PERFECTLY

- Very precise 4" increments
- Extremely long 150ft runs
- Made to order quickly

Tight 4" increments allow for perfect placement & negligible dark spots.

Runs can include as many sections and connections as required without any extra set up fees.

Quick turnaround from our New York and Los Angeles warehouses - all shipped ready to install.

## INTEGRITY

UL & ETL listed for:

- Indoor applications
- Outdoor applications
- Plug & Play installations
- Hardwire installations

INFINA® is the only AC LED strip UL & ETL listed for any and all of your design needs.

JESCO provides all the options and accessories for correct and easy installation.

Each run is made to order, sealed and tested prior to shipping.

JESCO Lighting stands behind this and every product.

## BEWARE OF NON-UL APPROVED PRODUCT ON YOUR PROJECTS

- Field-cutting of any AC LED strip is strictly prohibited by UL
- Cutting off the end of a Plug & Play-only strip to achieve a Hardwire installation is prohibited by UL
- Permanent clamp down mounting clips are prohibited for Plug & Play applications

As the pioneer in AC LED strips in America, JESCO Lighting's INFINA continues to be the leader in the market. Hardwired or Plug-in, Indoor or Outdoor - we have everything you need for a cost saving, time saving, easy to install project that will surpass all your expectations.

# INFINA® & INFINA ACX™ COMPARISON



INFINA® DL-AC-FLEX



INFINA® ACX™ DL-FLEX-ACX

PRODUCT NAME	INFINA®		INFINA® ACX™	
MODEL NUMBER	DL-AC-FLEX		DL-FLEX-ACX	
AC/DC	120V AC Line Voltage		120V AC Line Voltage	
PATENTED TECHNOLOGY	Yes		Yes	
DIMENSIONS	7/8" W x 1/4" H		5/16" W x 5/16" H	
OPERATING TEMP.	-22°F / 122°F		-22°F / 122°F	
BEAM ANGLE	160°		120°	
CRI	>80		>80	
LED DRIVEN	Constant Current		Constant Voltage	
COLOR CONSISTENCY	3-Step MacAdam		3-Step MacAdam	
LUMEN / EFFICACY	LUMEN / FT.	EFFICACY	LUMEN / FT.	EFFICACY
5000K	580	117	—	—
4000K	555	112	380	84.4
3500K	525	106	372	82.7
3000K	500	101	354	78.6
2700K	480	97	340	75.5
2400K	430	87	—	—
Blue	—	—	90	42.3
Red	—	—	180	84.5
WATTS / FT.	4.95W		4.5W	
LEDs / FT.	18 LEDs		22 LEDs	
MADE TO ORDER IN INCREMENTS OF	4"		12" (White) / 19.5" (Blue, Red)	
MAX LENGTH	150 Ft.		100 Ft.	
DIMMING METHOD	ELV		ELV (white CCTs only)	
L70	50,000 hr.		50,000 hr.	
MOUNTING	Mounting Clips, Channel		Mounting Clips, Channel	
CERTIFICATION / ENVIRONMENT	c-UL-us (Indoor/Outdoor - Hard Wiring)		c-UL-us (Indoor/Outdoor - Hard Wiring)	
	c-ETL-us (Indoor/Outdoor - Plug & Play)		c-ETL-us (Indoor/Outdoor - Plug & Play)	

# INFINA® LINE VOLTAGE LED STRIP



Project: Tutti Nails at Copley Place  
Boston, MA  
Designer: Sang Hoon Oh  
THE S.OH GROUP



## DL-AC-FLEX INFINA®

FLEXIBLE LINE VOLTAGE LED LINEAR STRIP

LED	120V AC	4.95 W/Ft	555 <sup>†</sup> Lm/Ft	112 <sup>†</sup> Lm/W	18 LED/Ft	80+ CRI	150' MAX
4" UNITS	3 SDCM	160°	ELV	WET*	UL LISTED	ETL LISTED	

**Dims:** 7/8" W x 1/4" H

**Dimming:** ELV

**Environment:** Indoors/Outdoors\* - Dry, Damp & Wet

\* Not submersible. Not intended for applications where water can puddle or product can be covered by snow.

<sup>†</sup> Based on 4000K data.

**Note:** Per UL and ETL safety regulations, all AC LED strips are not field-cuttable. Field-cutting will result in voiding warranty, possible electric shock and damaging of the product.



Note: Do not power on when strip light is in a spool.

## TO ORDER

INFINA is made to order, ready to install.  
See online worksheet for ordering assistance.

### MODEL

DL-AC-FLEX

### CCT

24 - 2400K  
27 - 2700K  
30 - 3000K  
35 - 3500K  
40 - 4000K  
50 - 5000K

## HIGHLIGHTS

- Extra long 150 foot runs
- Precise 4" increments
- 555 lumens/foot
- Driverless design for long life

See spec sheet for a link to the latest on-line Worksheet to assist you in specifying a single run or a more complex run with multiple sections and connecting cables.  
Specifications subject to change without notice.

INFINA®

DESIGNED FOR CREATIVITY, BUILT FOR SOLUTIONS

## INFINA® MOUNTING OPTIONS



**DL-AC-FLEX-CH4**  
**DL-AC-FLEX-CH8**  
Snap-in Mounting Channel  
Clear plastic with UV inhibitors.  
Available in 4' & 8'.  
Recommended for face down or vertical applications.  
Can be field-cut.



**DL-AC-FLEX-CH6M**  
Snap-in Mounting Channel  
Anodized Aluminum Extrusion for indoor or outdoor hardwire and plug & play applications.  
Can be used with INFINA® only.  
1/2" H x 1 1/8" W x 78 3/4" L



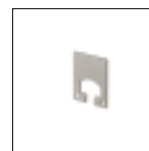
**CH-FX-41-FR**  
Anodized Aluminum Channel Set with Frosted Lens & 3M Tape  
Indoor hardwire applications.  
Can be used with INFINA® and INFINA® ACX™.  
1 3/4" H x 1 3/8" W x 78 3/4" L



**DL-AC-FLEX-MC-M**  
Metal Snap-in Mounting "U" Clip  
Stainless spring steel  
Dims: 1/2" H x 3/8" W x 1" L



**DL-AC-FLEX-CH6M-45**  
45° Snap-in Mounting Channel  
Anodized Aluminum Extrusion for indoor or outdoor hardwire and plug & play applications.  
Can be used with INFINA® only.  
1 1/8" H x 1" W x 80" L



**CH-FX-41-LEC**  
Live Endcap  
for CH-FX-41-FR Channel Set



**DL-AC-FLEX-MC-HW**  
Mounting "U" Clip for Hardwire Applications  
Clear plastic with UV inhibitors  
Dims: 1/2" H x 3/8" W x 1 7/8" L

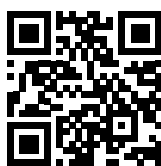


**DL-AC-FLEX-CH-M-BR**  
Mounting Brackets for DL-AC-FLEX-CH6M Channel  
1/2" H x 1 1/8" W x 1" L



**CH-FX-41-DEC**  
Dead Endcap  
for CH-FX-41-FR Channel Set

## DOWNLOAD INFINA® WORKSHEET



# INFINA® LINE VOLTAGE LED STRIP

## INFINA® HARDWARE TERMINATION OPTIONS



**DL-AC-FLEX-HW-08**  
**DL-AC-FLEX-HW-20**  
Indoor Flush Hardware  
Coverplate with Integral Surge  
Protection  
with 8' or 20' SJT Input Cable



**DL-AC-FLEX-HW-08-CNDT**  
**DL-AC-FLEX-HW-20-CNDT**  
Indoor Flush Hardware  
Coverplate  
with 8' or 20' cable connection  
for 1/2" Ø flexible aluminum  
conduit



**DL-AC-FLEX-HW-08-RADJ**  
**DL-AC-FLEX-HW-20-RADJ**  
Indoor Flush Hardware  
Coverplate  
with 8' or 20' cable and 90°  
connection for 3/4" rigid raceway



**DL-AC-FLEX-HW-08-ODF**  
**DL-AC-FLEX-HW-20-ODF**  
Outdoor Hardware Outlet Box  
NEMA 4X Rated Enclosure  
with 8' or 20' cable and  
connection for FLEXIBLE  
conduit to INFINA®



**DL-AC-FLEX-HW-08-ODR**  
**DL-AC-FLEX-HW-20-ODR**  
Outdoor Hardware Outlet Box  
NEMA 4X Rated Enclosure  
with 8' or 20' cable and  
connection for RIGID  
conduit to INFINA®



**DL-AC-FLEX-CC3**  
**DL-AC-FLEX-CC6**  
**DL-AC-FLEX-CC12**  
**DL-AC-FLEX-CC24**  
Connecting Cable  
Length: 3", 6", 12", 24"



**DL-AC-FLEX-FLEX-CON**  
Flexible Connector  
Indoor use only



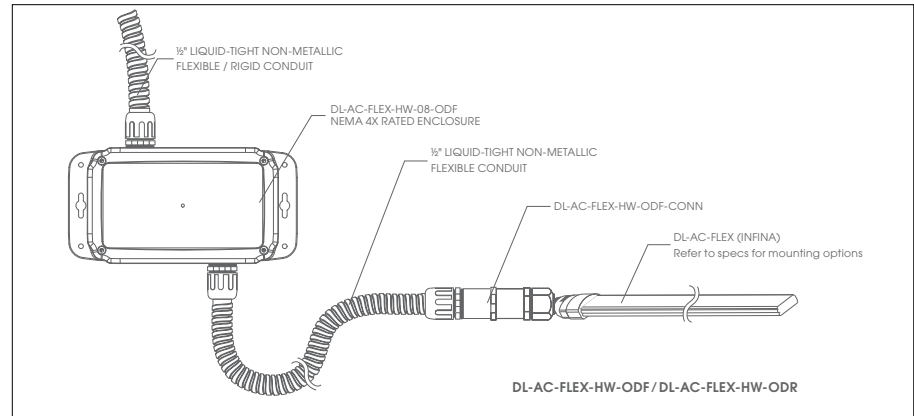
**DL-AC-FLEX-EC**  
End Cap  
Must be used at the  
end of every run

## INFINA® HARDWARE MOUNTING OPTIONS

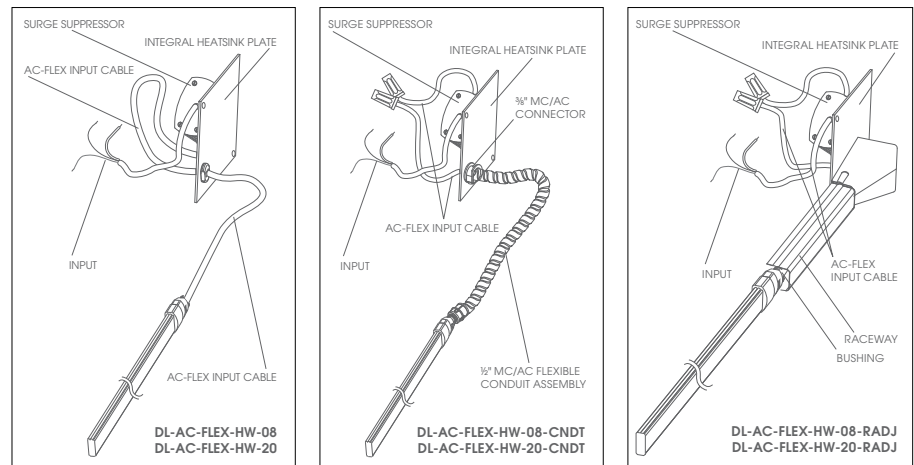


**DL-FLEX-MC-HW**  
Hardware Plastic Mounting Clip  
2 included with every section.  
Required for hardwire installation.

## TYPICAL OUTDOOR HARDWARE LAYOUT



## TYPICAL INDOOR HARDWARE LAYOUT





Note: Do not power on when strip light is in a spool.

## INFINA® PLUG & PLAY TERMINATION OPTIONS



**DL-AC-FLEX-PC2**  
**DL-AC-FLEX-PC6**  
Power Plug with surge protection  
Length: 2', 5'



**DL-AC-FLEX-75-PC2**  
2' Power Plug with surge protection for runs greater than 75'



**DL-AC-FLEX-CC3**  
**DL-AC-FLEX-CC6**  
**DL-AC-FLEX-CC12**  
**DL-AC-FLEX-CC24**  
Connecting Cable  
Length: 3", 6", 12", 24"



**DL-AC-FLEX-FLEX-CON**  
Flexible Connector  
Indoor use only

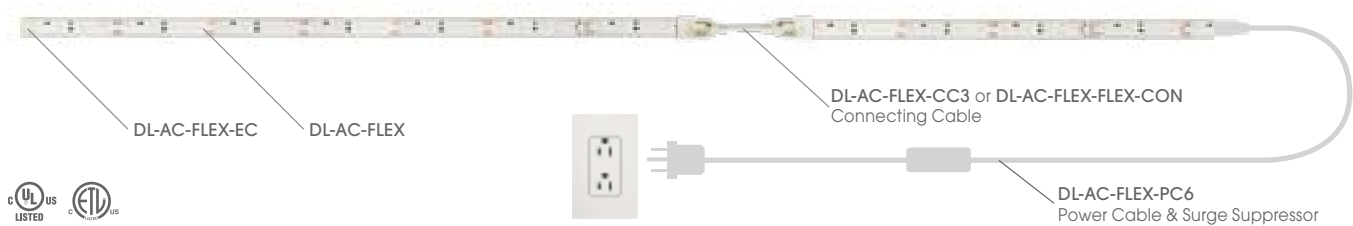


**DL-AC-FLEX-EC**  
End Cap  
Must be used at the end of every run



Project: Tutti Nails at Copley Place  
Boston, MA  
Designer: Sang Hoon Oh  
THE S.OH GROUP

## TYPICAL INFINA® PLUG & PLAY LAYOUT





JESCO Lighting Group  
Headquarters  
Front entrance lobby  
Port Washington, NY



# INFINA® ACX™ LINE VOLTAGE LED STRIP

## DL-FLEX-ACX

AC LED FLEXIBLE LINEAR



### WHITE

4.5 W/Ft	380 Lm/Ft	84.4 Lm/W	22 LED/Ft	80+ CRI	12" UNITS
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### BLUE

2.13 W/Ft	90 Lm/Ft	42.3 Lm/W	18 LED/Ft	19.5" UNITS
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### RED

2.13 W/Ft	180 Lm/Ft	84.5 Lm/W	18 LED/Ft	19.5" UNITS
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Dims: 9/16" W x 5/16" H

Length: 100' max in 12" (White) or 19.5" (Red, Blue) increments



Note: Do not power on when strip light is in a spool.

## TO ORDER

INFINA ACX is made to order, ready to install.  
See online worksheet for ordering assistance.

### SERIES

**DL-FLEX-ACX** -

### CCT

27 - 2700K  
30 - 3000K  
35 - 3500K  
40 - 4000K  
BU - Blue  
RD - Red

## HIGHLIGHTS

- Long 100 foot runs
- 12" increments for white & 19" for static colors
- 380 lumens/foot
- Driverless design for long life

**Note:** Per UL and ETL safety regulations, all AC LED strips are not field-cuttable.  
Field-cutting will result in voiding warranty, possible electric shock and damaging of the product.

\* Not submersible. Not intended for applications where water can puddle or product can be covered by snow.

† Based on 4000K data.

Specifications subject to change without notice.

See spec sheet for a link to the latest on-line Worksheet to assist you in specifying a single run or a more complex run with multiple sections and connecting cables.

## INFINA® ACX PLUG & PLAY TERMINATION OPTIONS



**DL-FLEX-ACX-PC2**  
3' Plug-in Power Cable  
with Surge Protection



**DL-FLEX-ACX-CC03**  
**DL-FLEX-ACX-CC06**  
**DL-FLEX-ACX-CC12**  
Connecting Cable  
Length : 3", 6", 12"



**DL-FLEX-ACX-EC**  
End cap  
Must be used at the end  
of every run

## MOUNTING OPTIONS



**DL-FLEX-ACX-MC-M**  
Stainless Steel Mounting  
"U" Clip



**DL-FLEX-ACX-CH3**  
3' Plastic Mounting Channel  
with UV Inhibitors  
**DL-FLEX-ACX-CH6**  
6' Plastic Mounting Channel  
with UV Inhibitors  
Recommended for face down or  
vertical applications.  
Can be field-cut.

## DOWNLOAD INFINA® ACX™ WORKSHEET



# INFINA® ACX™ LINE VOLTAGE LED STRIP

## INFINA® ACX HARDWARE TERMINATION OPTIONS



**DL-FLEX-ACX-HW-08**  
**DL-FLEX-ACX-HW-20**  
Indoor Flush Hardware  
Coverplate with Integral Surge  
Protection  
with 8' or 20' SJT Input Cable



**DL-FLEX-ACX-HW-08-CNDT**  
**DL-FLEX-ACX-HW-20-CNDT**  
Indoor Flush Hardware  
Coverplate  
with 8' or 20' cable connection  
for 1/2" Ø flexible aluminum  
conduit



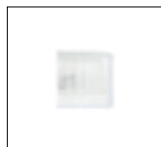
**DL-FLEX-ACX-HW-08-RADJ**  
**DL-FLEX-ACX-HW-20-RADJ**  
Indoor Flush Hardware  
Coverplate  
with 8' or 20' cable and 90°  
connection for 3/4" rigid raceway



**DL-FLEX-ACX-HW-08-ODF**  
**DL-FLEX-ACX-HW-20-ODF**  
Outdoor Hardware Outlet Box  
NEMA 4X Rated Enclosure  
with 8' or 20' cable and  
connection for FLEXIBLE  
conduit to INFINA® ACX™

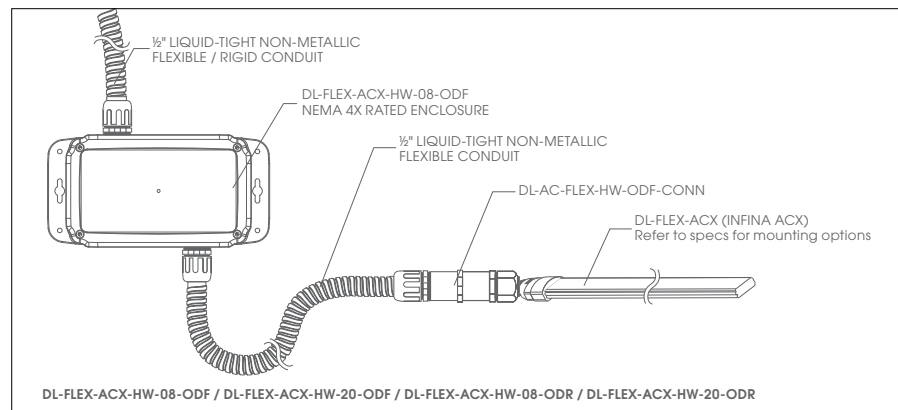


**DL-FLEX-ACX-HW-08-ODR**  
**DL-FLEX-ACX-HW-20-ODR**  
Outdoor Hardware Outlet Box  
NEMA 4X Rated Enclosure  
with 8' or 20' cable and  
connection for RIGID  
conduit to INFINA® ACX™

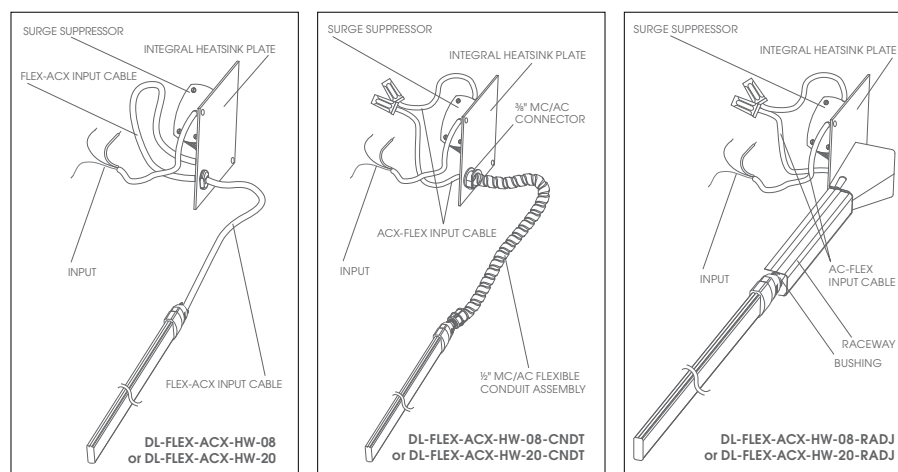


**DL-FLEX-ACX-EC**  
End cap  
Must be used at the end  
of every run

## TYPICAL OUTDOOR HARDWARE OUTDOOR LAYOUT



## TYPICAL INDOOR HARDWARE LAYOUT



## INFINA® ACX HARDWARE MOUNTING OPTIONS



**DL-FLEX-ACX-MC-HW**  
Hardwire Plastic Mounting Clip  
2 included with every section.  
Required for hardwire  
installation.

⚠ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

## IMPORTANT INFORMATION FOR SPECIFIERS

### CUTTING IN THE FIELD PROHIBITED

Per UL and ETL procedures, 120V AC LED strip: *"shall not be marked or provided with instructions that indicate suitability for field-cutting"*.

If any 120V AC LED flexible strip is cut in the field the product is no longer UL/ETL listed.

JESCO's DL-AC-FLEX INFINA is made to order in our US warehouses to precise 4" increments ready to install. No additional assembly fee - no matter how many connection cables required.

### CORRECT MOUNTING METHOD FOR PLUG-IN APPLICATIONS

Per UL and ETL procedures, Plug-in applications must use open clips or channels allowing for quick and easy removal without the use of tools.

If clips that clamp down onto the strip are used, securing it in place, this is now a permanent surface mount luminaire and the product is no longer UL/ETL listed as a Plug-in strip.

JESCO provides clips and channel specific to both Plug-in and Hardwire applications.

### HARDWIRE APPLICATIONS

JESCO's INFINA is the first 120V AC LED flexible strip UL and ETL listed for hardwiring applications.

Taking any Plug-in 120V AC LED strip and cutting off the plug and splicing it into a junction box is a violation and that product is no longer UL/ETL listed.

JESCO offers various options for both indoor and outdoor wet location hardwire applications that meet any code or design requirements.



### MADE IN THE USA

JESCO's INFINA was developed and designed in New York and is assembled in the U.S.A.

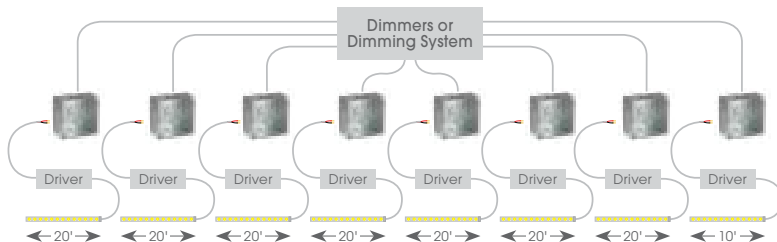


Outdoor Hardwire application with permanent mounting clips, DL-AC-FLEX-MC-HW



## SAVINGS AND PERFORMANCE

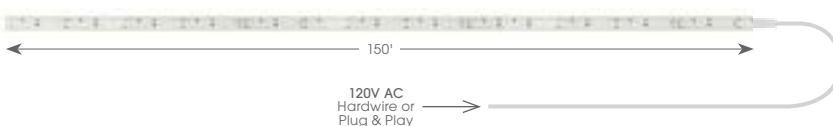
### Conventional Low Voltage LED Tape Setup



Reduce material and installation costs associated with conventional low voltage LED tape light.

Benefit from longer run lengths, shorter installation time, bright uniform light output and less expensive dimming.

### Cost-Saving INFINA® Setup





For more details and product  
specifications please visit  
[JESCOLIGHTING.COM](http://JESCOLIGHTING.COM)



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LCAT-INFINA-5

