

INFINA[®]

INDOOR & OUTDOOR
AC LED FLEXIBLE LIGHTING



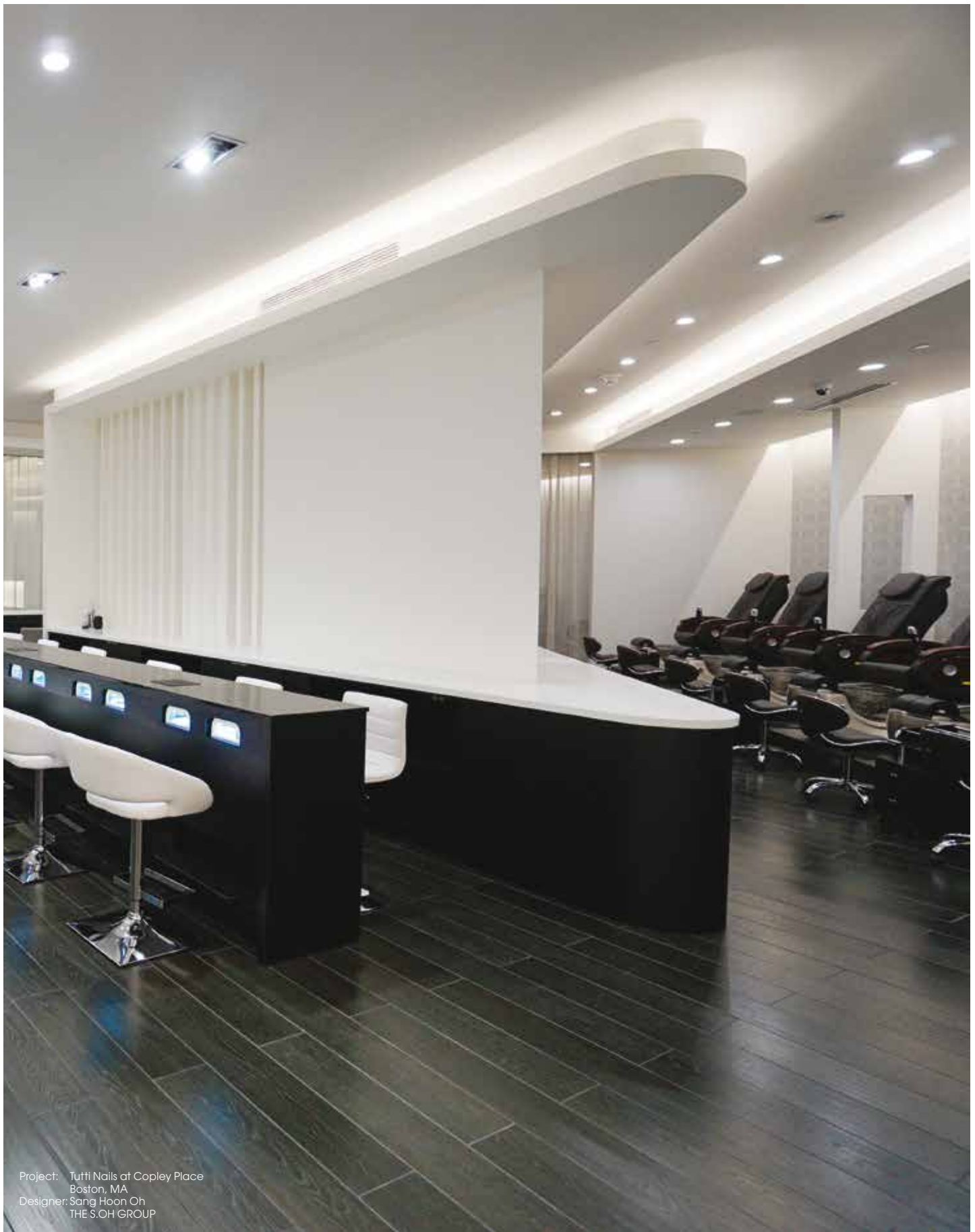
FOURTH EDITION



INFINA® & INFINA ACX™ COMPARISON



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		9/16" 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
WATT / FT.	4.95W		4.5W	
LED / FT.	18 LED		22 LED	
MADE TO ORDER IN INCREMENTS OF	4"		12" (White) / 19.5" (Blue, Red)	
MAX LENGTH	150 Ft.		100 Ft.	
DIMMING METHOD	ELV		ELV (white only)	
L70	50,000 hr.		50,000 hr.	
WARRANTY	5 Years		5 Years	
MOUNTING	Mounting Clips, Channel		Mounting Clips, Channel	
CERTIFICATION / ENVIRONMENT	c-ETL-us (Indoor/Outdoor - Plug & Play)		c-ETL-us (Indoor/Outdoor - Plug & Play)	
	c-UL-us (Indoor/Outdoor - Hard Wiring)		c-UL-us (Indoor/Outdoor - Hard Wiring)	



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



INFINA®

DESIGNED FOR CREATIVITY, BUILT FOR SOLUTIONS



DL-AC-FLEX INFINA®

FLEXIBLE LINE VOLTAGE LED LINEAR STRIP

LED	120V AC	4.95 W/Ft	555 [†] Lm/Ft	112 [†] Lm/W	80+ CRI	150' MAX
3 SDCM	160°	ELV	WET*	UL LISTED	ETL US	

Dims: 7/8" W x 1/4" H
Length: 150' max in 4" increments
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.
[†] 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.

TO ORDER

MODEL	- CCT
DL-AC-FLEX	-
	24 - 2400K NEW
	27 - 2700K
	30 - 3000K
	35 - 3500K NEW
	40 - 4000K
	50 - 5000K

See spec sheet for a link to the latest online 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.

FEATURES

ARCHITECTURAL GRADE

- Incorporates JESCO's exclusive Driverless AC LED Technology
- High output 3 Step MacAdam LEDs ensure consistent color output
- Patented Constant Current IC's provide uniform intensity over the entire run
- Patented Keyed Connector System
- Smooth ELV Dimming
- Various connecting cables for easy turns in corners or to reach around architectural elements
- Indoor & Outdoor applications, Plug-in & Hardwire mounting

ULTRA-HIGH LUMEN OUTPUT

- Provides up to 555 Lm/Ft from 4.95W with an efficacy of 112 Lm/W[†]
- Optically clear thermoplastic jacket

ULTRA LONG RUN

- 150 foot run length
- Made to order in precise 4" increments
- Uniform intensity and color throughout the entire run
- Quick Installation with channels or clips

50,000 HOUR LIFE

- No in-line or remote drivers mean that the weakest link in the LED system is eliminated guaranteeing a long lifetime
- 5 Year Limited Warranty

INFINA® MOUNTING OPTIONS



DL-AC-FLEX-CH4
DL-AC-FLEX-CH8
 Mounting Channel
 Clear plastic with UV inhibitors
 Available in 4' & 8'



DL-AC-FLEX-MC
 Mounting "U" Clip
 Clear plastic with UV inhibitors
 Dims: 1/2" H x 1" W x 1" L



DL-AC-FLEX-MC-M
 Metal Snap-in Mounting "U" Clip
 Stainless spring steel
 Dims: 1/2" H x 5/8" W x 1" L



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



CH-FX-41
 Anodized Aluminum Channel only with 3M Tape
 Indoor or outdoor hardwire applications
 7/8" H x 1 3/8" W x 78 3/4" L



CH-FX-41-FR
 Anodized Aluminum Channel Set with Frosted Lens & 3M Tape
 Indoor hardwire applications
 1 3/4" H x 1 3/8" W x 78 3/4" L



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



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



Powered by **MAG LED**





INFINA® PLUG & PLAY TERMINATION OPTIONS



DL-AC-FLEX-PC2
DL-AC-FLEX-PC6
Power Plug with surge protection
Lengths: 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
Lengths: 3", 6", 12", 24"



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

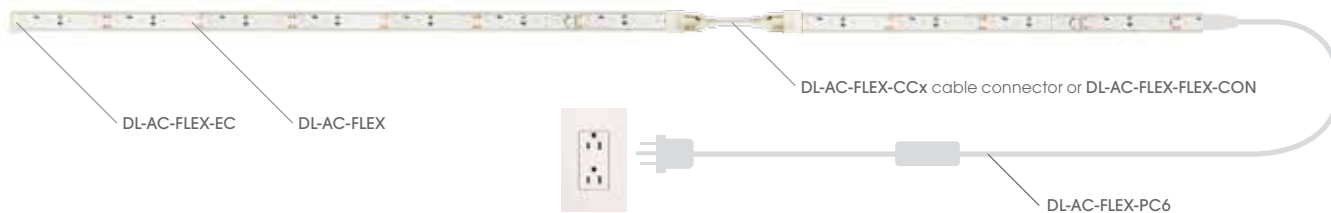


DL-AC-FLEX-EC
End Cap
Must be used at the end of every run



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

TYPICAL INFINA® PLUG & PLAY LAYOUT





INFINA® HARDWARE OPTIONS





Shown: DL-AC-FLEX-HW-ODF with Flexible Conduit


INFINA® HARDWARE TERMINATION OPTIONS


- 


DL-AC-FLEX-HW-ODF
Outdoor Hardwire Outlet Box with 8' cable and connection for FLEXIBLE conduit to INFINA®
- 


DL-AC-FLEX-HW-ODR
Outdoor Hardwire Outlet Box with 8' cable and connection for RIGID conduit to INFINA®
- 


DL-AC-FLEX-HW
Indoor Flush Hardwire Coverplate with 8' SJT cable
- 

DL-AC-FLEX-HW-20
Indoor Flush Hardwire Coverplate with 20' SJT cable
- 

DL-AC-FLEX-HW-CNDT
Indoor Flush Hardwire Coverplate with 8' cable connection for 1/2" Ø flexible aluminum conduit
- 

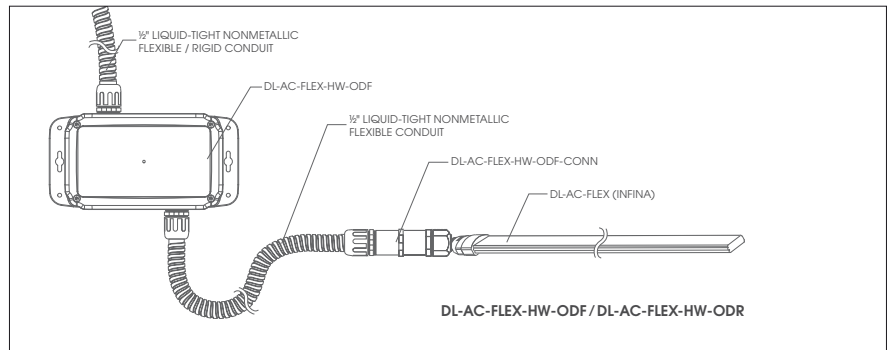
DL-AC-FLEX-HW-RADJ
Indoor Flush Hardwire Coverplate with 8' cable and 90° connection for 3/4" rigid raceway
- 

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

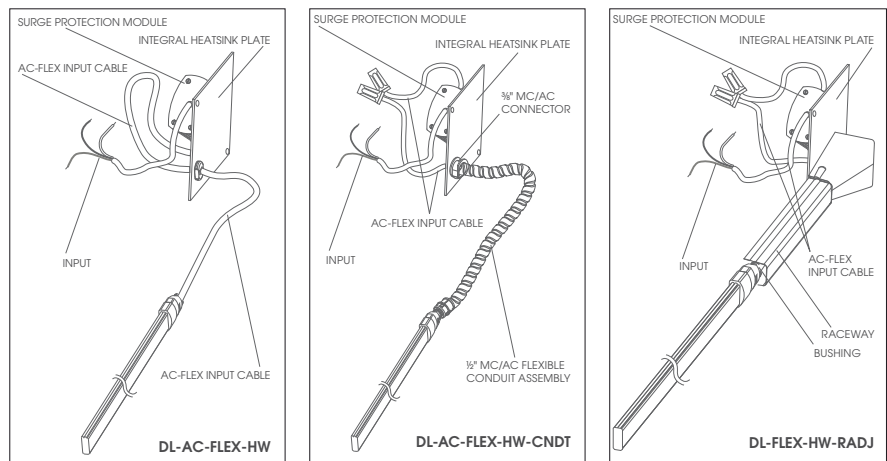
DL-AC-FLEX-FLEX-CON
Flexible Connector
Indoor use only
- 

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

TYPICAL OUTDOOR HARDWARE LAYOUT



TYPICAL INDOOR HARDWARE LAYOUT





DL-AC-FLEX with DL-AC-FLEX-HW-CNDT
Indoor Flush Hardwire Coverplate for 1/2"Ø
Flexible Aluminum Conduit



Restaurant Project: Asia at Ameristar Casino
St. Charles, MO
Photographer: Jason Will at Gateway Electrical Sales
Distributor: Butler Supply, St. Louis, MO

NEW!

INFINA® ACX™ SERIES



JESCO Lighting Group Headquarters
Front entrance lobby
Port Washington, NY

FEATURES

ARCHITECTURAL GRADE

- Incorporates JESCO's exclusive Driverless AC LED Technology
- High output 3 Step MacAdam LEDs ensure consistent color output
- Incorporates JESCO's exclusive Driverless AC LED Technology
- Smooth ELV Dimming
- Indoor & Outdoor mounting
- Simple plug-in connection

HIGH LUMEN OUTPUT

- Provides up to 380 Lm/Ft from 4.5W with an efficacy of 84.4 Lm/W†
- Optically clear thermoplastic jacket

ULTRA LONG RUN

- 100 foot run length
- Made to order in 12" (White) and 19.5" (Blue/Red) increments
- Uniform intensity and color throughout the entire run
- Quick Installation with channels or clips

50,000 HOUR LIFE

- No in-line or remote drivers mean that the weakest link in the LED system is eliminated guaranteeing a long lifetime
- 5 Year Limited Warranty



DL-FLEX-ACX

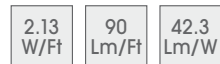
AC LED Flexible Linear



WHITE



BLUE



RED



Dims: 5/16" W x 5/16" H

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

TO ORDER

SERIES

DL-FLEX-ACX

- CCT

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

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.

Contact factory for hardware applications. Specifications subject to change without notice. See spec sheet for a link to the latest on-line Worksheet. For specifying a single run or a more complex run with multiple sections and connecting cables.



INFINA® ACX 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

MOUNTING OPTIONS



DL-FLEX-ACX-MC-M
Metal Mounting "U" Clip
2 per foot are recommended



DL-FLEX-ACX-MC
Plastic Mounting "U" Clip
Clear plastic with UV inhibitors
2 per foot are recommended



DL-FLEX-ACX-CH3
3' Mounting Channel
Clear plastic with UV inhibitors
Recommended for face down or vertical applications

INFINA® ORDERING INFORMATION

ONLINE INFINA® WORKSHEETS

I. INPUT

INDOOR HARDWARE

DL-AC-FLEX

- HW SJT Cord - 8"
- HW-CNDT Flexible Metal Conduit
- HW-RADJ Raceway

OUTDOOR HARDWARE

DL-AC-FLEX

- HW-ODF Liquid-tight Nonmetallic Flexible Conduit
- HW-ODR Liquid-tight Nonmetallic Rigid Conduit

PLUG & PLAY

DL-AC-FLEX

- PC2 2" cord & plug
- PC6 6" cord & plug
- 75-PC2 2" cord & plug for runs over 75ft.

II. COLOR TEMP.

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

III. RUN LENGTH

USE WORK SHEET BELOW

- ONE SECTION**
Up to 150ft., increments of 4in.
- MULTIPLE SECTIONS**
Up to 150ft., increments of 4in.
Section linked with CC cables.

The end of each run must have an endcap DL-AC-FLEX-EC installed

IV. MOUNTING OPTIONS

Channels are recommended for face down or vertical applications.

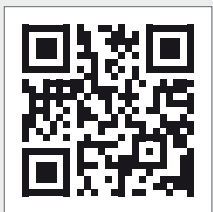
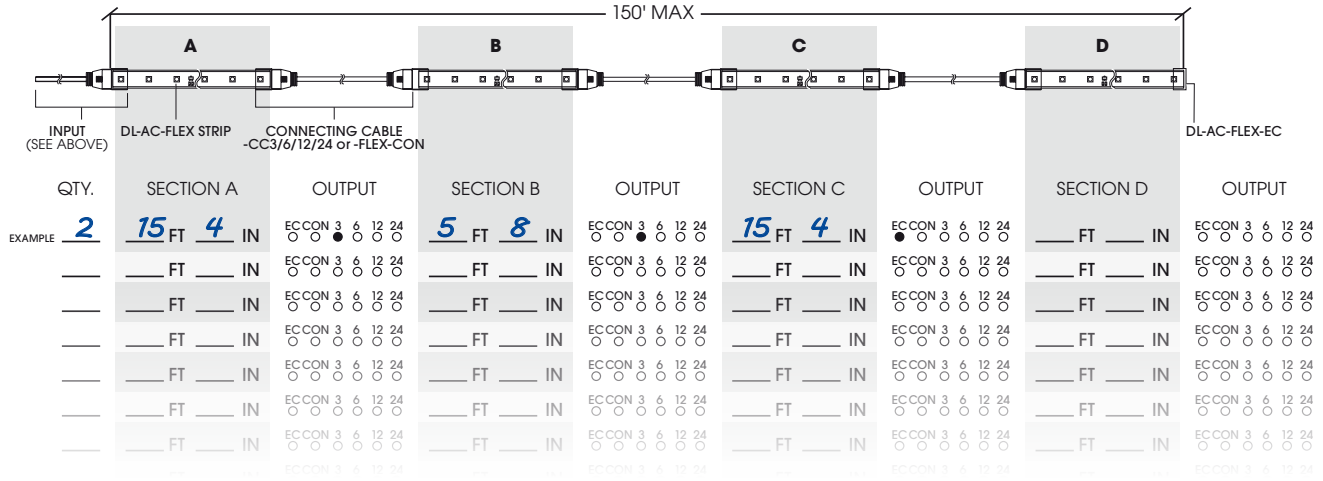
HARDWARE

- CH4 4" PVC Channel
- CH8 8" PVC Channel
- MC Mounting U Clip
- MC-M Metal Mounting U Clip
- MC-HW Mounting Clip

PLUG & PLAY

- CH4 4" PVC Channel
- CH8 8" PVC Channel
- MC Mounting U Clip
- MC-M Metal Mounting U Clip

APPLICATIONS WITH MOUNTING CLIP 1 (-MC-HW) and/or 1 (-MC) is required every 6 inches



INFINA®

To assist you in preparing a bill of materials for your project, download a digital copy of the Worksheet.

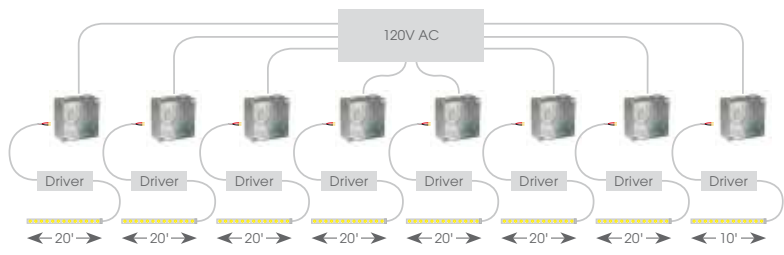
For complex systems, contact us for layout and quotation assistance.



INFINA® ACX™

SAVINGS AND PERFORMANCE

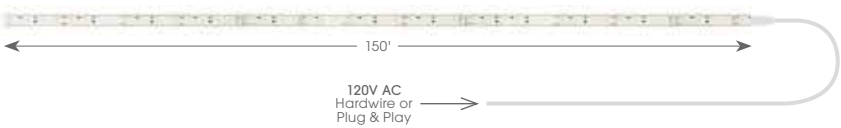
Conventional Low Voltage LED Tape Setup



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



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 U.S. warehouses in precise 4" increments ready to install. No additional assembly fee - no matter how many connection cables are 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 only 120V AC LED flexible strip 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 designed and developed in New York and is assembled in the U.S.A.



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





For more details and product specifications please visit JESCOLIGHTING.COM



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LCAT-INFINA-4

