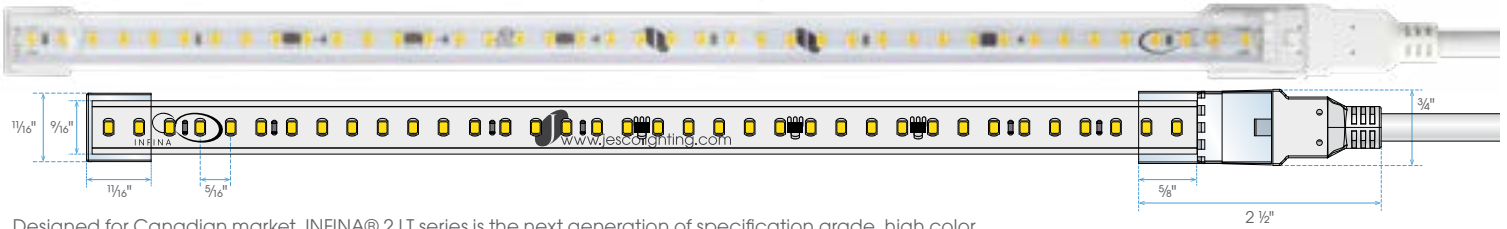


# DL-AC-FLEX2-LT

INFINA® 2 AC LED FLEXIBLE LINEAR  
CANADA LISTED



Fixture Type
Project
Notes



Designed for Canadian market, INFINA® 2 LT series is the next generation of specification grade, high color accuracy flexible lighting system that incorporates JESCO's exclusive, constant current, Driverless AC LED technology which operates directly off of line voltage - no additional power source required and no drivers to hide. With precise increment of 4 inches and a max run length of 164 ft. The product can be dimmed down to 10% with an ELV dimmer<sup>2</sup>. The product is mounted either in a channel or with snap-in mounting clips. INFINA® is designed for dry, damp and wet locations. The LEDs are imbedded within a flexible, optically clear thermoplastic jacket. For easy installation, JESCO offers a full complement of connectors. Runs can include as many sections and connections as required without any extra setup fees. Each run is made to order, sealed and tested prior to shipping from either our New York or Los Angeles warehouses.

120V AC  
 ELV DIMMABLE  
 3SDCM  
 1BIN  
 4IN MIN RUN  
 164FT MAX RUN  
 IP65  
 -4° to 104°F  
 L70 50,000 HOURS  
 5 YEAR WARRANTY  
 ASSEMBLED IN THE USA  
 ETL LISTED US

## SPECIFICATIONS

INPUT VOLTAGE	120V AC <sup>1</sup>
WATTAGE	4.0W/Ft
LUMENS	320 Lm/Ft @ 4000K
CHIP/Ft.	18 CHIPS /Ft.
COLOR RENDERING INDEX	90+
COLOR CONSISTENCY	3 Steps MacAdam
BEAM ANGLE	120°
DIMMING	ELV <sup>2</sup> , C•L <sup>2</sup> , 0-10V <sup>3</sup> , Phase Adaptive <sup>4</sup>
DIMENSIONS	5/16" W x 5/16" H   16 mm W x 7.5 mm H
MAX RUN / MIN RUN	164 feet <sup>5</sup> / 4 inch
CERTIFICATIONS	c-ETL-us
ENVIRONMENT	Indoor - Dry, Damp, Wet (IP65)
LUMEN MAINTENANCE	50,000 hours <sup>6</sup>
WARRANTY	5 years <sup>7</sup>

<sup>1</sup> 277V AC requires a step-down transformer with 120V AC output  
<sup>2</sup> Never exceed dimmer max. wattage. Effectively dim down to 10%. [see page 2](#)  
<sup>3</sup> Requires DL-AC-FLEX2-DIM4A, not included. [see page 2](#)  
<sup>4</sup> Requires additional Lutron phase adaptive module and Lutron dimmer. [see page 2](#)  
<sup>5</sup> Connecting cable to be taken into consideration when calculating total length  
<sup>6</sup> TM21 Calculation based on LM80 report  
<sup>7</sup> 120V INFINA® 2.0, and INFINA® shall have a [five \(5\) year limited warranty](#) from the date of shipment. INFINA® 2.0, and INFINA® are deemed defective if there is a failure of 10% or more of the LED component. See specification sheet and installation instructions for more information. Where a replacement is warranted, custom ordered INFINA® 2.0, and INFINA® will only be replaced as originally ordered.

## PERFORMANCE

COLOR TEMPERATURE <sup>9</sup>	LUMEN <sup>10</sup>	WATTAGE	EFFICACY	CRI
2400K	260 Lm	4.0W	65 Lm/W	90+
2700K	270 Lm	4.0W	67 Lm/W	90+
3000K	270 Lm	4.0W	67 Lm/W	90+
3500K	300 Lm	4.0W	75 Lm/W	90+
4000K	320 Lm	4.0W	80 Lm/W	90+
5000K	320 Lm	4.0W	80 Lm/W	90+

<sup>9</sup> CCT within +/- 10%

## BASIC ORDERING INFO

Download product configurator for complex connected runs

### STEP 1 TERMINATIONS

MODEL	INPUT TYPE
<b>DL-AC-FLEX2-</b>	
	<b>LT-HWSPM-08</b> - Hardwire 8ft cord w/ surge protection
	<b>LT-HWSPM-20</b> - Hardwire 20ft cord w/ surge protection
	<b>LT-PC02</b> - Plug-in 2ft cord
	<b>LT-PC06</b> - Plug-in 6ft cord

### STEP 2 CCT

MODEL	COLOR TEMPERATURE
<b>DL-AC-FLEX2-LT-</b>	
	<b>2490</b> - 2400K   90 CRI   260 Lm/Ft <sup>11</sup>
	<b>2790</b> - 2700K   90 CRI   270 Lm/Ft <sup>11</sup>
	<b>3090</b> - 3000K   90 CRI   270 Lm/Ft <sup>11</sup> <b>QUICK SHIP</b>
	<b>3590</b> - 3500K   90 CRI   300 Lm/Ft <sup>13</sup> <b>QUICK SHIP</b>
	<b>4090</b> - 4000K   90 CRI   320 Lm/Ft <sup>11</sup>
	<b>5090</b> - 5000K   90 CRI   320 Lm/Ft <sup>11</sup>

### STEP 3 ENDCAP/OUTPUT CONNECTIONS<sup>10</sup>

MODEL	
<b>DL-AC-FLEX2-LT-</b>	
	<b>EC</b> - Endcap <sup>12</sup>
	<b>CC03</b> - 3" connecting cable
	<b>CC06</b> - 6" connecting cable
	<b>CC12</b> - 12" connecting cable
	<b>CC24</b> - 24" connecting cable
	<b>CC06-0</b> - 6" output connecting cable
	<b>CC06-I</b> - 6" input connecting cable

<sup>10</sup> For easy installation, JESCO offers a full complement of connectors. Runs can include as many sections and connections as required without any extra setup fees. Each run is made to order, sealed and tested prior to shipping in either our New York or Los Angeles warehouses.

<sup>11</sup> Non-stocking product, lead time applies, consult factory

<sup>12</sup> Required one per each run

<sup>13</sup> **QUICK SHIP**

### STEP 4 MOUNTING ACCESSORIES

See pages [5](#)

# DL-AC-FLEX2-LT

INFINA® 2 AC LED FLEXIBLE LINEAR  
CANADA LISTED



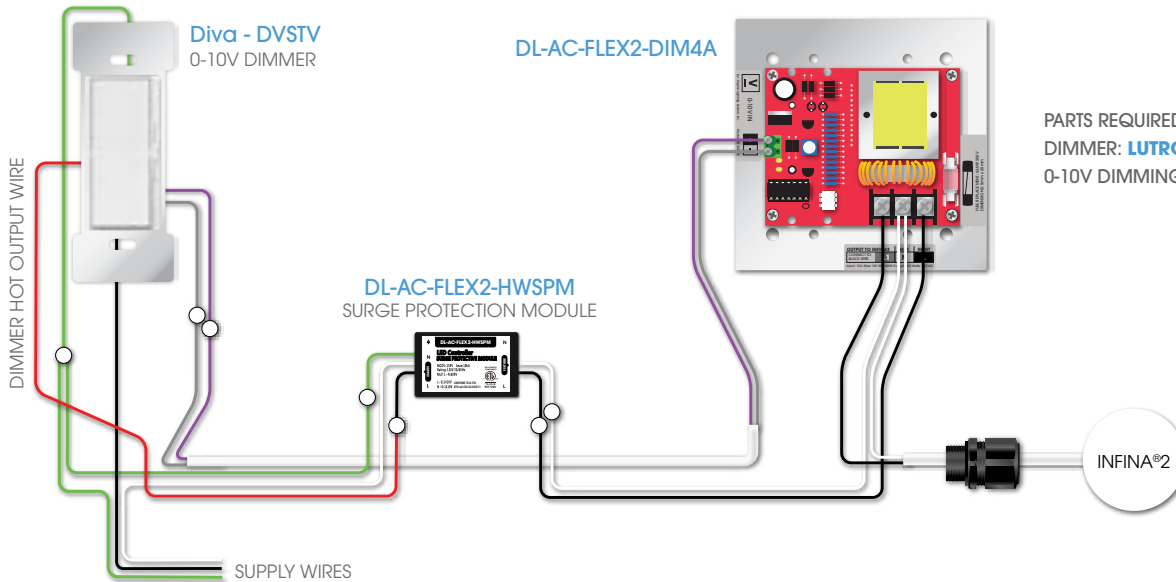
Fixture Type
Project
Notes

## COMPATIBLE DIMMERS ELECTRONIC LOW VOLTAGE

**NOTE:** All available dimmers have not been tested with INFINA® and there may be several factors during installation that can affect performance. Prior testing of your exact application of INFINA® and your designated dimmer is highly recommended. For dimmers that are not listed, please contact factory.

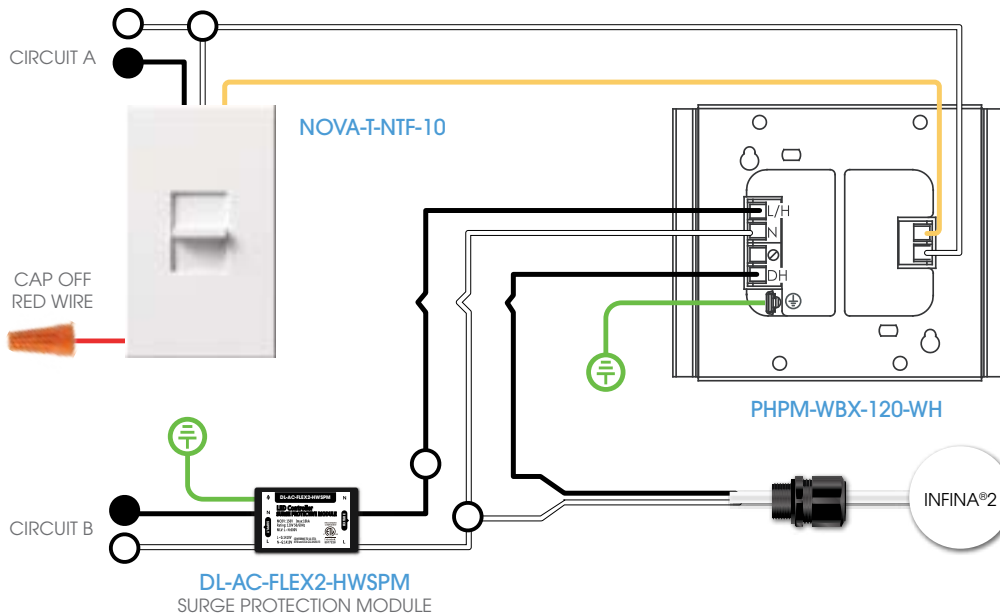
BRAND	MODEL	SPECS		
LUTRON®	SKYLAR SERIES	SELV-300P	300W	48 Ft Max
		SELV-600P	600W	98 Ft Max
	DIVA SERIES	DVELV-300P	300W	48 Ft Max
		DVELV-600P	600W	98 Ft Max
	NOVA SERIES	NTELV-300P	300W	48 Ft Max
		NTELV-600P	600W	98 Ft Max

## COMPATIBLE DIMMERS 0 -10V DIMMING WITH DL-AC-FLEX2-DIM4A



PARTS REQUIRED - not included  
DIMMER: **LUTRON DIVA-DVSTV**  
0-10V DIMMING INTERFACE: **DL-AC-FLEX2-DIM4A**

## COMPATIBLE DIMMERS PHASE ADAPTIVE DIMMING



PARTS REQUIRED - not included  
DIMMER: **LUTRON NOVA-T-NTF-10**  
INTERFACE: **LUTRON PHPM-WBX-120-WH**

- Rated 16A 1920Watt @ 120V AC
- Indoor use only
- Minimum load 10W
- Mount in 2-gang U.S. wallbox 3.5" deep or 4" x 4" junction box 2" deep
- This device generates heat; mount only where ambient temperature is 32 °F to 104 °F
- Mount with arrows facing up to ensure adequate cooling.
- Allow 4.5" above and below unit and between faceplates when mounting several in a vertical layout.
- Mount so line voltage wiring is at least 6FT from sound or electronic equipment and wiring.

Please check manufacturer's documentation on detailed wiring and installation instructions

# DL-AC-FLEX2-LT

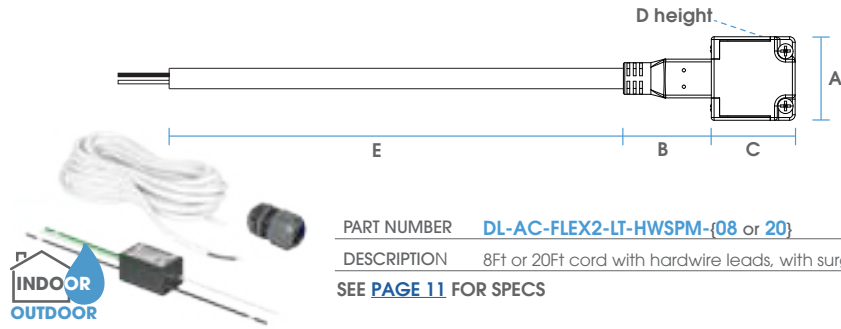
INFINA® 2 AC LED FLEXIBLE LINEAR  
CANADA LISTED



Fixture Type
Project
Notes

## TERMINATION OPTIONS

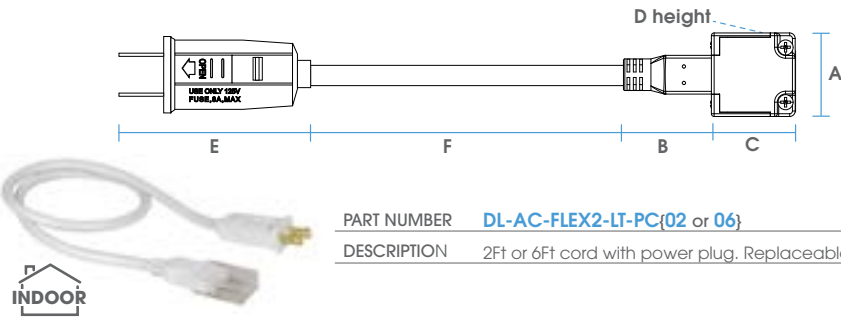
FACTORY SEALED TO DL-AC-FLEX2-LT FLEX LINEAR



**PART NUMBER** DL-AC-FLEX2-LT-HWSPM-{08 or 20}  
**DESCRIPTION** 8Ft or 20Ft cord with hardwire leads, with surge protection module, and strain relief bushing  
**SEE PAGE 11 FOR SPECS**



DIMENSIONS					
A	3/4"	19 mm	D	7/16"	17 mm
B	2 1/2"	64 mm	HW08	96"	2438 mm
C	1 15/16"	49 mm	HW20	240"	6096 mm



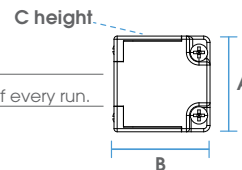
**PART NUMBER** DL-AC-FLEX2-LT-PC{02 or 06}  
**DESCRIPTION** 2Ft or 6Ft cord with power plug. Replaceable 7 amp fuse in power plug. Spare fuse included



DIMENSIONS					
A	3/4"	19 mm	E	2 11/16"	68 mm
B	2 1/2"	64 mm	PC02	24"	610 mm
C	1 15/16"	49 mm	PC06	72"	1829 mm
D	7/16"	17 mm			



**PART NUMBER** DL-AC-FLEX2-LT-EC  
**DESCRIPTION** Clear Plastic Endcap. Must be used at the end of every run.

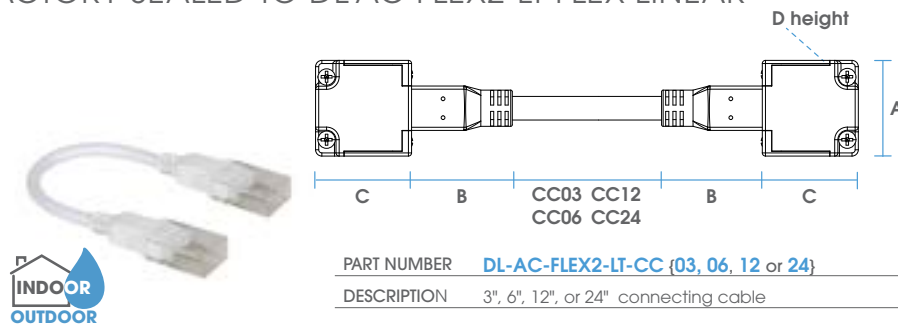


DIMENSIONS				
A	3/4"	19 mm		
B	1 15/16"	49 mm		
C	7/16"	17 mm		

NOTE: Power and connecting cable rating: 2x 18AWG SJTW 300V 221°F / 105°C Ø 5/16 in / 2.1mm Cable length tolerance: +3/8in /10mm | -0  
 All electrical connections must be in accordance with local codes, ordinances and the National Electric Code.

## CONNECTING CABLES

FACTORY SEALED TO DL-AC-FLEX2-LT FLEX LINEAR



**PART NUMBER** DL-AC-FLEX2-LT-CC {03, 06, 12 or 24}  
**DESCRIPTION** 3", 6", 12", or 24" connecting cable



DIMENSIONS					
A	3/4"	19 mm	CC03	3"	76 mm
B	1 15/16"	49 mm	CC06	6"	152 mm
C	3/4"	20 mm	CC12	12"	305 mm
D	7/16"	17 mm	CC24	24"	610 mm

# DL-AC-FLEX2-LT

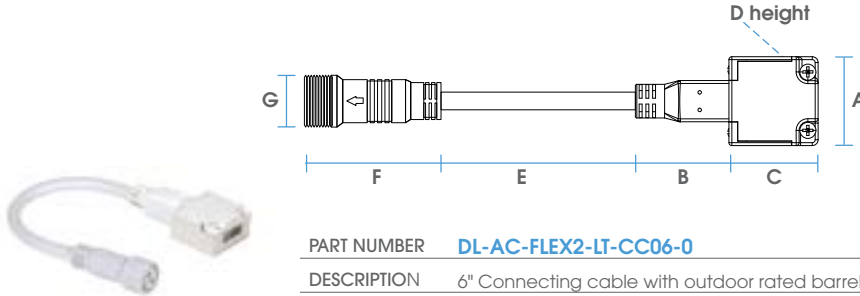
INFINA® 2 AC LED FLEXIBLE LINEAR  
CANADA LISTED



Fixture Type
Project
Notes

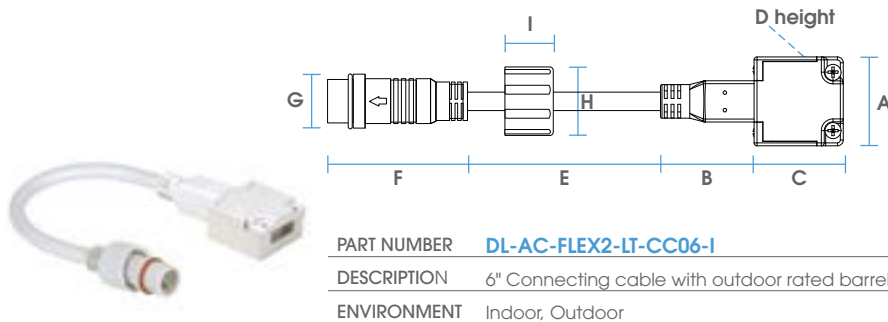
## INPUT / OUTPUT PLUG-IN CONNECTION OPTIONS

FACTORY SEALED TO DL-AC-FLEX2-LT FLEX LINEAR



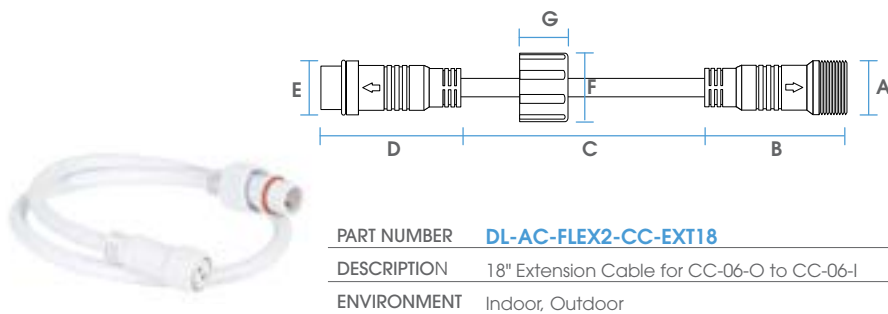
DIMENSIONS					
A	3/4"	19 mm	E	6"	152 mm
B	1 15/16"	49 mm	F	1 7/8"	47 mm
C	3/4"	20 mm	G	1 1/8"	18 mm
D	7/16"	11 mm			

PART NUMBER **DL-AC-FLEX2-LT-CC06-0**  
 DESCRIPTION 6" Connecting cable with outdoor rated barrel OUTPUT connector  
 ENVIRONMENT Indoor, Outdoor



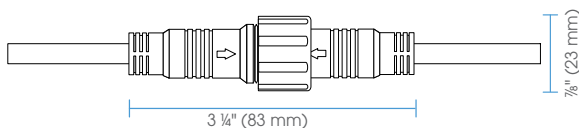
DIMENSIONS					
A	3/4"	19 mm	F	1 7/8"	47 mm
B	1 5/16"	49 mm	G	1 1/8"	18 mm
C	5/8"	16 mm	H	7/8"	22.5 mm
D	3/4"	11 mm	I	5/8"	16 mm
E	6"	152 mm			

PART NUMBER **DL-AC-FLEX2-LT-CC06-I**  
 DESCRIPTION 6" Connecting cable with outdoor rated barrel INPUT connector  
 ENVIRONMENT Indoor, Outdoor



DIMENSIONS					
A	1 1/8"	18 mm	E	1 1/8"	152 mm
B	1 7/8"	47 mm	F	7/8"	22 mm
C	18"	458 mm	G	5/8"	16 mm
D	1 7/8"	11 mm			

PART NUMBER **DL-AC-FLEX2-CC-EXT18**  
 DESCRIPTION 18" Extension Cable for CC-06-O to CC-06-I  
 ENVIRONMENT Indoor, Outdoor



PART NUMBER **DL-AC-FLEX2-LT-CC06-0** connects to **DL-AC-FLEX2-LT-CC06-I**  
 DESCRIPTION Input and output connector assembled  
 ENVIRONMENT Indoor, Outdoor

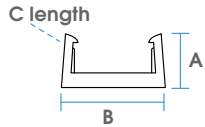
# DL-AC-FLEX2-LT

INFINA® 2 AC LED FLEXIBLE LINEAR  
CANADA LISTED



Fixture Type
Project
Notes

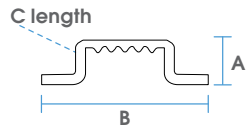
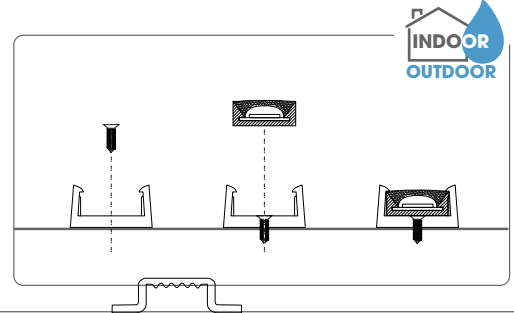
## MOUNTING OPTIONS



### DIMENSIONS

A	7/16"	11 mm
B	13/16"	20 mm
C	5/8"	15 mm

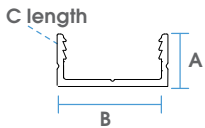
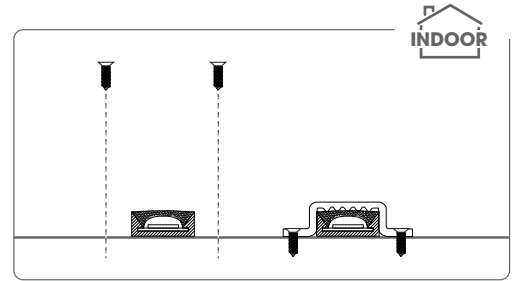
PART NUMBER **DL-AC-FLEX2-LT-MC**  
DESCRIPTION Plastic snap-in mounting clip. 3 per foot recommended



### DIMENSIONS

A	3/8"	9 mm
B	1 15/16"	34 mm
C	1 1/8"	18 mm

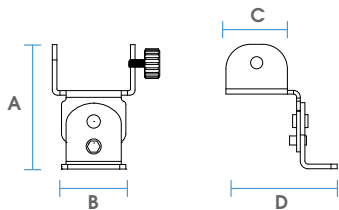
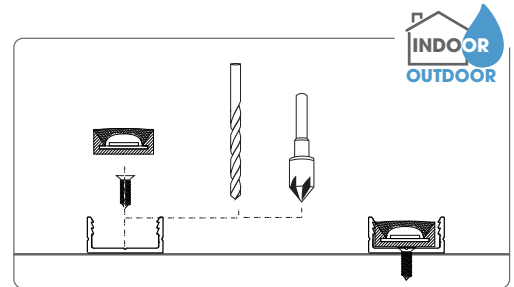
PART NUMBER **DL-AC-FLEX2-FS-MC-HW**  
DESCRIPTION Over the tape hardwire clip. Required 2 per section



### DIMENSIONS

A	5/16"	8 mm
B	3/4"	19 mm
C	72"	1828 mm

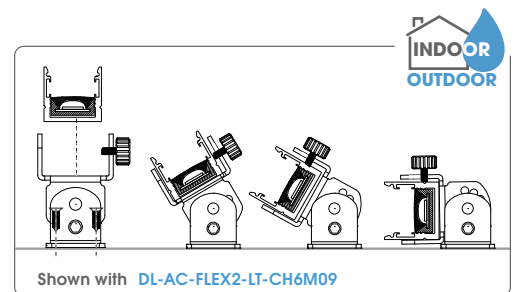
PART NUMBER **DL-AC-FLEX2-LT-CH6M09**  
DESCRIPTION 6' Metal mounting channel



### DIMENSIONS

A	1 5/8"	41 mm
B	13/16"	21 mm
C	13/16"	21 mm
D	1 7/16"	36 mm

PART NUMBER **DL-AC-FLEX2-ADJBR**  
DESCRIPTION Universal Adjustable Bracket for DL-AC-FLEX2-CH6M18



### OUTDOOR USAGE

The aluminum channel and its anodized finish combined are impervious to most outdoor weather conditions. The plastic lens cover has a UV inhibitor molded in. While it can prevent yellowing for a period of time, long time exposure in the outdoor environment will eventually degrade the UV inhibitors, causing the lens to turn yellow and become brittle. The plastic lens cover will expand and contract due to the coefficient of changes in the weather. In most extreme weather, it may crack or lose its rigidity to grab hold of the aluminum channel. The combined usage of the aluminum channel and plastic lens can lead to undesired results, such as built up of dirt, insects, and mold. Moisture can also be trapped within the channel causing water to puddle up inside which voids the product's warranty. To prevent this, it is recommended to drill weep holes in channel for proper drainage.

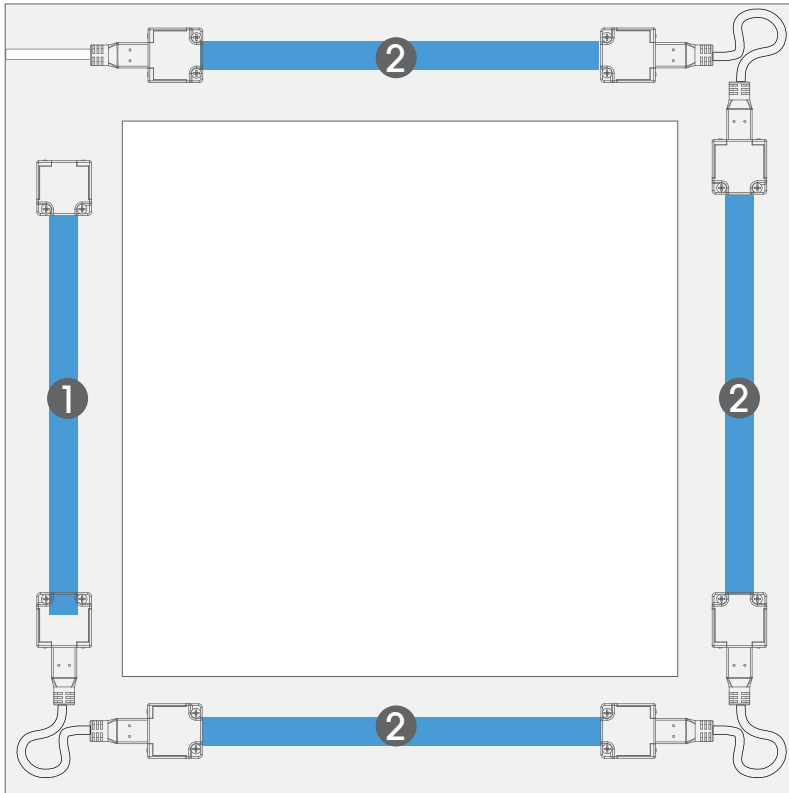
# DL-AC-FLEX2-LT

INFINA® 2 AC LED FLEXIBLE LINEAR  
CANADA LISTED



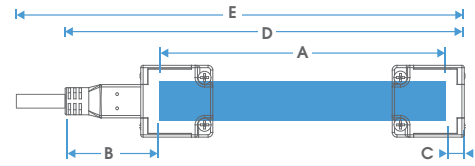
Fixture Type
Project
Notes

## COVE LAYOUT GUIDE



### 1 Single Section Run or end section

Account for  $3\frac{3}{8}$ " space for connector and endcap

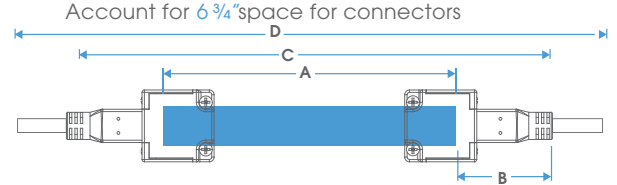


#### DIMENSIONS

A LT	Specified LED strip length
B $1\frac{7}{8}$ "	Non-lit section of power/connecting connector
C $\frac{3}{8}$ "	Endcap thickness
D $LT + 2\frac{1}{4}$ "	Specified LED strip length + (B+C)
E $LT + 3\frac{3}{8}$ "	Specified LED strip length + recommended tolerance

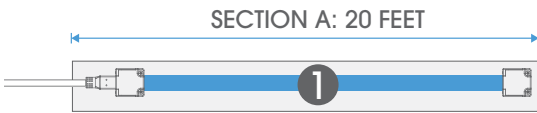
### 2 Starting and Mid Sections

Account for  $6\frac{3}{4}$ " space for connectors



#### DIMENSIONS

A LT	Specified LED strip length
B $1\frac{7}{8}$ "	Non-lit section of power/connecting connector
C $LT + 3\frac{3}{4}$ "	Specified LED strip length + (2 x B)
D $LT + 6\frac{3}{4}$ "	Specified LED strip length + recommended tolerance

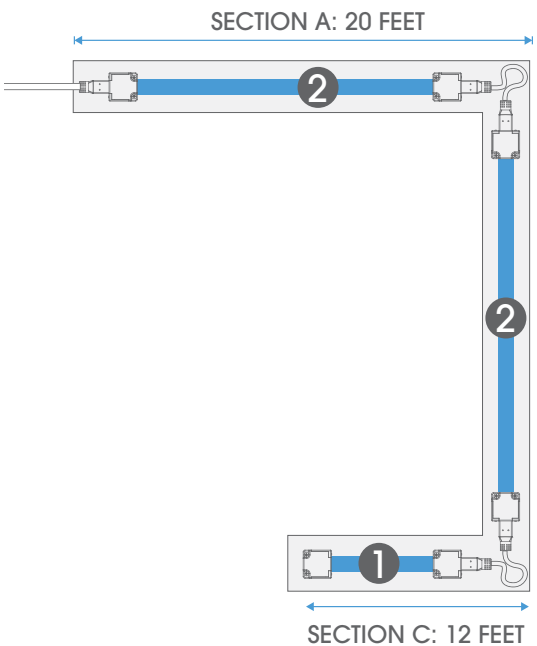


### Single Section Run

ALWAYS SPECIFY LED STRIP LENGTH WITH CONNECTOR(S) OR ENDCAP BELOW THE FIELD MEASUREMENTS

#### SECTION A

20' = 240"  
240" -  $3\frac{3}{8}$ " = 236 $\frac{5}{8}$ "  
Specify: 19'8" of LT



### Multiple Sections

ALWAYS SPECIFY LED STRIP LENGTH WITH CONNECTOR(S) OR ENDCAP BELOW THE FIELD MEASUREMENTS

#### SECTION A

20' = 240"  
240" -  $6\frac{3}{4}$ " = 233 $\frac{1}{4}$ " (19'5 $\frac{1}{4}$ ")  
Specify: 19'4" of LT

#### SECTION B

25'6" = 306"  
306" -  $6\frac{3}{4}$ " = 299 $\frac{1}{4}$ " (24'5 $\frac{1}{4}$ ")  
Specify: 24'4" of LT

#### SECTION C

12' = 144"  
144" -  $3\frac{3}{8}$ " = 141 $\frac{5}{8}$ " (11'9 $\frac{5}{8}$ ")  
Specify: 11'8" of LT

# DL-AC-FLEX2-LT

INFINA® 2 AC LED FLEXIBLE LINEAR  
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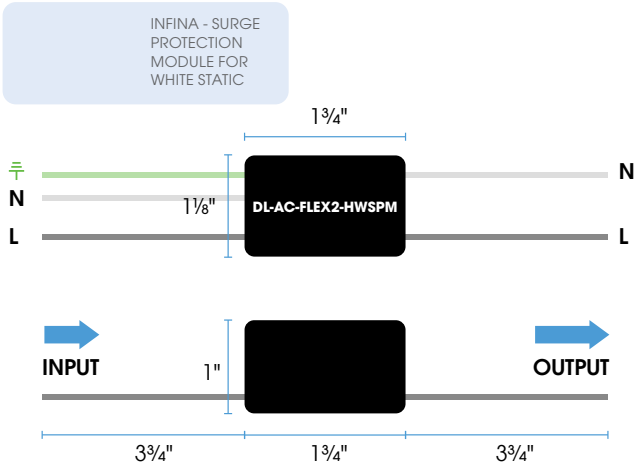


Fixture Type
Project
Notes

## SURGE PROTECTION MODULE COMPONENTS

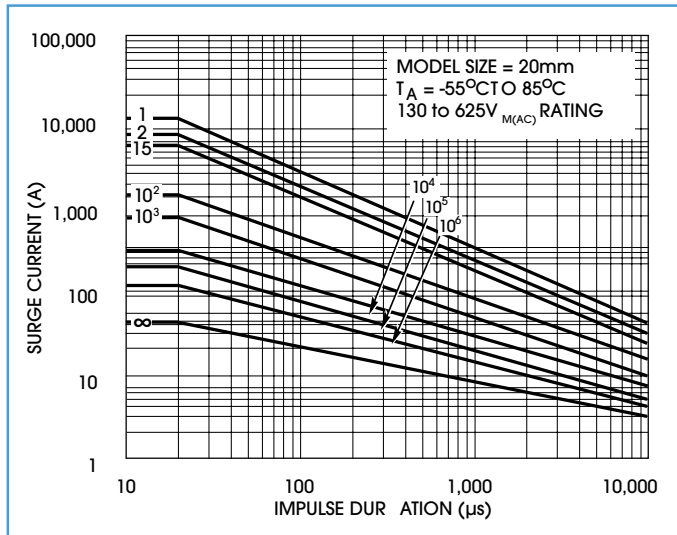
### New! Hardwire Cable with Integrated Surge Protection

JESCO Lighting has upgraded our INFINA Hardwire Cable to include a Surge Protector Module (SPM) - an essential safeguard for Line Voltage Flexible Linear Lighting. This update provides enhanced protection against electrical surges caused by lightning strikes, power grid fluctuations, or switching events. Incorporating the SPM ensures reliable operation, reduces unexpected failures, and extends the lifespan of the lighting product. This feature is especially critical for outdoor or industrial applications, where surges are more frequent.



PART NUMBER	<b>DL-AC-FLEX2-HWSPM</b>
DESCRIPTION	Surge Protection Module (included) with each hardwire cable
INPUT VOLTAGE	120V AC
MAX POWER	1 KW
MLV DISCHARGE	L ~ N : 600V L ~ G : 1410V N ~ G : 1410V
NORMAL DISCHARGE CURRENT @ 8/20µs	5 KW
MAX DISCHARGE CURRENT @ 8/20µs	10 KW
FUSE RATING	16 Amps
FUSE MELT TEMP.	278 F° / 136C°
OPERATING TEMP.	-4 F° -113 F° / -20C° - 45C°

## REPETITIVE SURGE CAPABILITY



PULSE RATING (8x20µSec)	
STRIKES	SURGE
1	10,000A
2	7,000A
15	5,000A
100	1,500A
1,000	700A



PART NUMBER	<b>DL-AC-FLEX2-SRB</b>
DESCRIPTION	Strain Relieve Bushing included with each hardwire cable
HOLE DIAMETER	7/8" 1 1/2" trade size knock-out
HEYCO PART NO.	Bushing M4520 + Nut 8463
ENVIRONMENT	Indoor / Outdoor

# DL-AC-FLEX2-(DTW/EB/FS/JA8/LT/NPX/ST/UT)

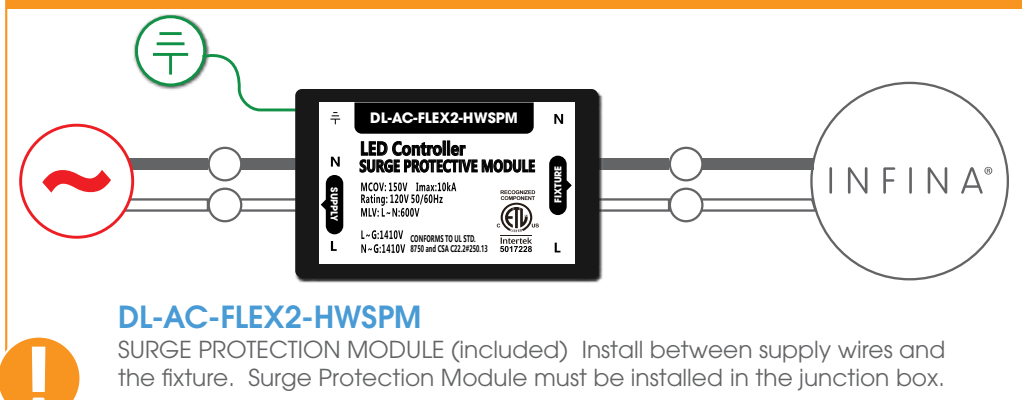
INFINA® 2 AC LED FLEXIBLE LINEAR LIGHTING



## CAUTIONS

<p><b>DO NOT BEND ON HORIZONTAL PLANE</b></p>	<p><b>DO NOT BEND 90 DEGREE</b></p>	<p><b>DO NOT TWIST</b></p>	<p><b>DO NOT FOLD OR OVERLAP</b></p>	<p><b>DO NOT CUT / PUNCTURE LED STRIP OR CONNECTING CABLE</b></p>
<p><b>DO NOT INSTALL INSIDE BUILDING STRUCTURE</b></p>	<p><b>DO NOT HANG OR SUSPEND</b></p>	<p><b>DO NOT STEP ON OR PUT OBJECTS ON TOP</b></p>	<p><b>DO NOT COVER OR WRAP TAPE OVER</b></p>	<p><b>DO NOT PAINT OVER ANY PART</b></p>
<p><b>DO NOT USE THIRD PARTY FASTENERS</b></p>	<p><b>DO NOT USE ADHESIVE FOR INSTALLATION</b></p>	<p><b>DO NOT POWER ON WHEN STRIP LIGHT IS IN A POOL OR A REEL</b></p>	<p><b>DO NOT INSTALL IN DIRECT SUNLIGHT</b></p>	<p><b>DO NOT SUBMERGE OR INSTALL IN AREA WHERE IT IS LIKELY TO PUDDLE</b></p>
<p><b>DO NOT RECESSED IN DRYWALL, MILLWORK OR HANDRAIL</b></p>	<p><b>AVOID - DO NOT INSTALL</b></p> <ul style="list-style-type: none"> <li>• OUTDOOR NEAR AREAS WITH EXPOSURE TO SALT WATER OR CHLORINATED WATER</li> <li>• CLOSE TO A SWIMMING POOL</li> <li>• IN CABINETS, TANKS OR ENCLOSURES OF ANY KIND</li> <li>• NEAR FLAMMABLE OR CORROSIVE LIQUIDS</li> </ul>			

## HARDWIRE APPLICATIONS



≥ 3 INCH RADIUS

-4°F 104°F

**IP65**

**CONNECTS TO GFCI CIRCUITS ONLY**

**WARRANTY IS VOID IF ANY OF THE ABOVE ARE VIOLATED**