



# DL-AC-FLEX

LED FLEXIBLE LINEAR  
DL-FLEX STATIC SERIES

Type	
Project	
Catalog No.	



## DESCRIPTION

INFINA™ is the next generation of high lumen output, specification grade, flexible lighting system that incorporates JESCO's exclusive, patent pending, constant current, *Driverless AC LED* technology\*\* which operates directly off of line voltage - no additional power source required and no drivers to hide. With a run length of 150', the product can be dimmed with an ELV dimmer\*\*\*. 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 patent pending, flexible, optically clear thermoplastic jacket. For easy installation, JESCO offers a full complement of connectors.

## SPECIFICATIONS

Input Voltage	120V AC		
Wattage	4.95 W per ft.		
CCT	2700K	3000K	4000K
Lumens*   Efficacy	480 lm	500 lm	555 lm
Efficacy	97 lm/W	101 lm/W	112 lm/W
Power Factor	0.95		
Max run / Min run	150' / 4"		
Beam Angle	160°		
Fixture Life	50,000 hours		
Dimming	ELV ***		
Dimensions♦	7/8" W x 1/4" H		
Environment	Indoor/Outdoor* - dry, damp and wet		
Operating Temp.	-22°F to 122°F		
Certifications - Indoor	UL for Hard Wire applications		
Certifications - Indoor/ Outdoor	c-ETL-us for Plug and Play applications		
Warranty	5 Years. See published warranty terms for detailed information.		

## FEATURES

- Provides up to 555 lm from 4.95W with an efficacy of 112 lm/W
- Patent pending constant current IC's provide uniform intensity over the entire run
- 3 Step Mac Adam LEDs
- JESCO's exclusive *Driverless AC LED*\*\* technology incorporated within our patent pending, flexible, optically clear thermoplastic jacket provides for true 50,000 hours of operation with 70% lumen maintenance
- Line voltage – No power supplies to hide
- Run length of 150 feet (4" increments)
- Rated for Indoor and Outdoor\* applications
- High CRI of 80+
- Available in 2700K, 3000K, 4000K.\*
- Mounts easily with snap-in clear plastic channel or mounting clips.
- Hardwire mounting and terminating options, see page 2
- Plug and Play mounting and terminating options, see page 3

<b>SERIES</b>	-	<b>COLOR</b>	
<b>DL-AC-FLEX</b>	-		+ Input and Output Termination Options (See Below)
		27 – 2700K	
		30 – 3000K	
		40 – 4000K	
			3 Hard wire and 2 Plug & Play input options available.

Example: DL-AC-FLEX-30

- \* Contact factory for custom colors
- \*\* Powered by Mag-LED
- \*\*\* Never exceed dimmer max wattage
- ♣ Plug & Play version only. ETL certified. Not submersible. Not intended for applications where water can puddle or product can be covered by snow.
- ♦ Nominal



[DL-AC-FLEX \(INFINA\) Order Calculations Sheet](#)



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Specifications subject to change without notice.

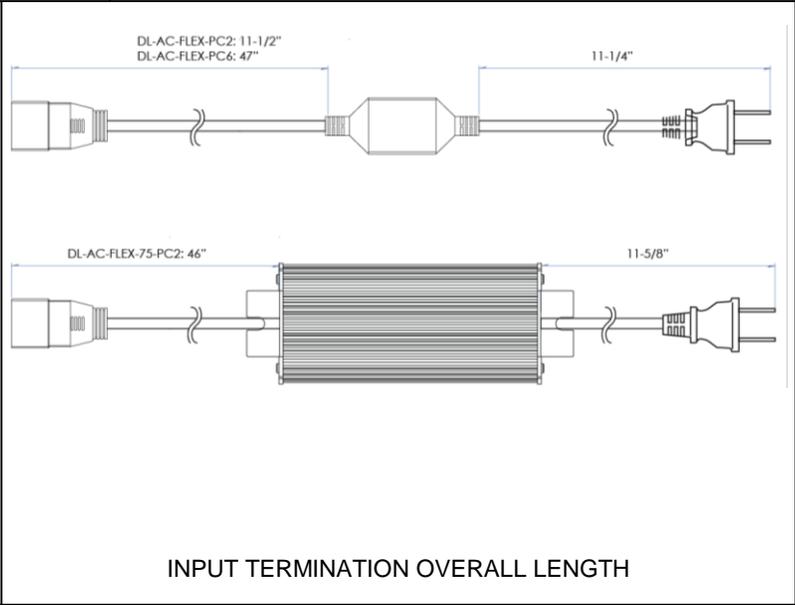
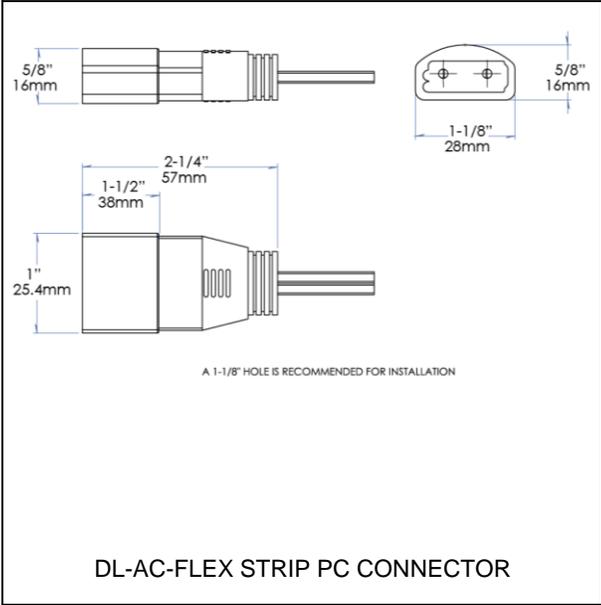
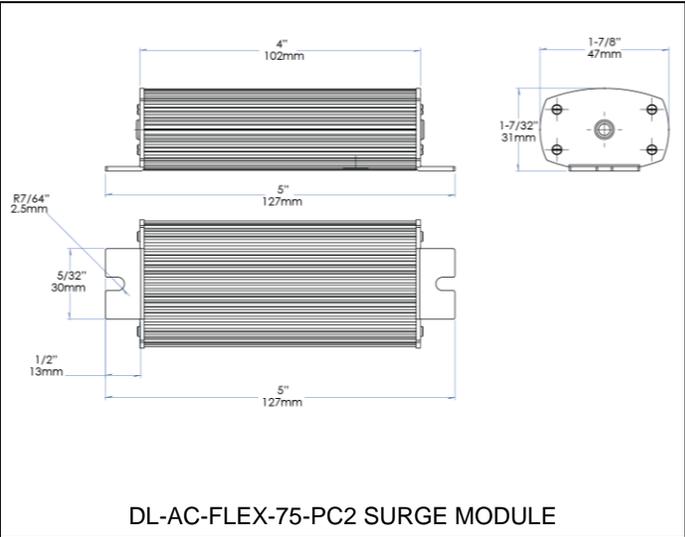
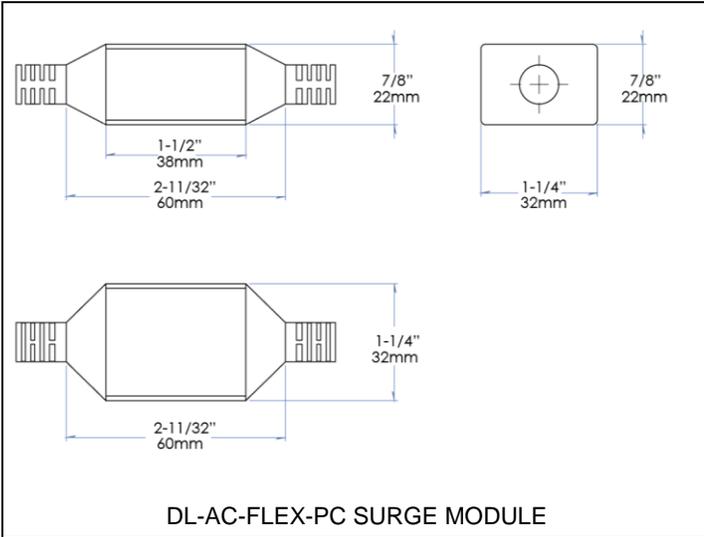


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**Components Dimensions**



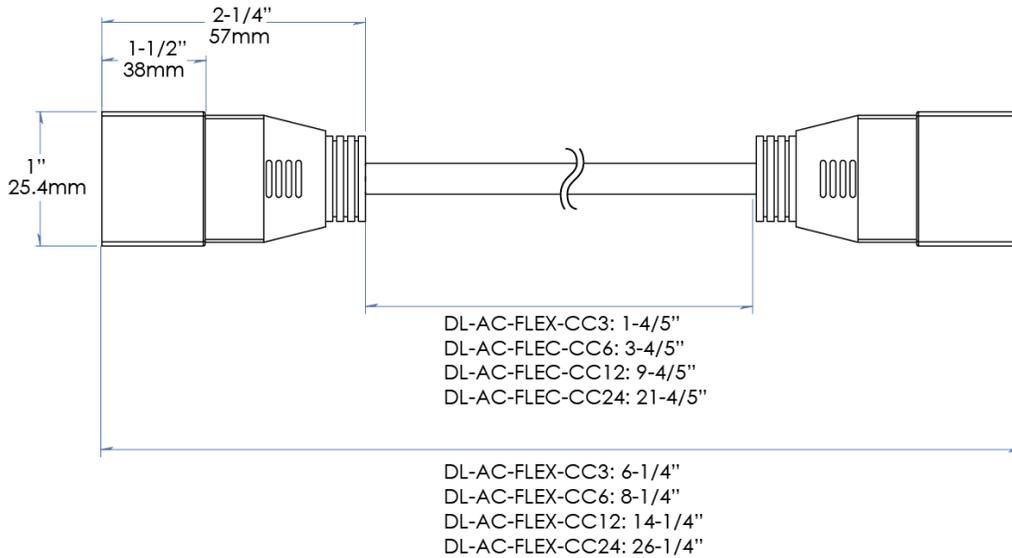


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**Components Dimensions Continued**



**DL-AC-FLEX-CC**  
Connecting cable

<p>             1-5/16" 46mm              3/8" 10mm              5/32" 4mm              1-3/32" 28mm              1/2" 13mm           </p> <p><b>DL-AC-FLEX-MC-HW</b> Hardwire mounting clip</p>	<p>             1" 25mm              3/4" ± 1/8" 19mm ± 3mm              1" 25mm              1/2" 13mm           </p> <p><b>DL-AC-FLEX-MC</b> mounting "U" clip</p>	<p>             1" 25mm              DL-AC-FLEX-CH4 48" 1219mm              DL-AC-FLEX-CH8 96" 2438mm              1" 25mm              1/2" 13mm           </p> <p><b>DL-AC-FLEX-CH</b> mounting channel</p>	<p>             1/8" 3.2mm              1/8" 3.2mm           </p> <p><b>DL-AC-FLEX-MC &amp; CH</b> Allow 1/8" (3.2mm) clearance INDOOR ONLY</p>
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## HARD WIRE OPTIONS

### MOUNTING METHODS

	Part Number	Description
	<b>DL-AC-FLEX-MC</b>	Snap-in Mounting "U" Clip (Clear Plastic with UV inhibitors) Dims: 1/2" H x 1" W x 1" L ♦ <i>Recommended: 1 clip every 6"</i>
	<b>DL-AC-FLEX-CH4</b>	4' Mounting Channel (Clear Plastic with UV inhibitors) Dims: 1/2" H x 1" W x 48" L ♦
	<b>DL-AC-FLEX-CH8</b>	8' Mounting Channel (Clear Plastic with UV inhibitors) Dims: 1/2" H x 1" W x 96" L ♦
	<b>DL-AC-FLEX-MC-HW</b> <i>REQUIRED FOR ALL HARDWIRE APPLICATIONS</i>	Fixed mounting U Clip (Clear Plastic with UV inhibitors) <i>2 clips per section included</i> Dims: 1/2" H x 3/8" W x 1-5/16" L ♦

### TERMINATING OPTIONS<sup>††</sup>

	Part Number	Description
	<b>DL-AC-FLEX-HW</b>	8' SJT cable with integral heat sink coverplate ♦
	<b>DL-AC-FLEX-HW-CNDT</b>	Integral heat sink coverplate with connection to 1/2" Ø flexible aluminum conduit ♦
	<b>DL-AC-FLEX-HW-RADJ</b>	Integral heat sink coverplate with 90° connection to 3/4" rigid raceway ♦
	<b>DL-AC-FLEX-CC3</b>	3" Connecting Cable ♦
	<b>DL-AC-FLEX-CC6</b>	6" Connecting Cable ♦
	<b>DL-AC-FLEX-CC12</b>	12" Connecting Cable ♦
	<b>DL-AC-FLEX-CC24</b>	24" Connecting Cable ♦
	<b>DL-AC-FLEX-EC</b>	End Cap (clear) Note: End cap must be used at the end of each run.
♦Integral heat sink coverplate is made to fit on standard 4 inch square (double-gang) box.		
♦Nominal		
††Custom cut in precise 4" increments. Product is assembled to order and shipped.		

Refer to installation instructions for complete details on use.

**NOTE: COVERPLATE ASSEMBLY MUST BE USED IN CONJUNCTION WITH DL-AC-FLEX STRIP FOR ALL HARD WIRING APPLICATIONS.**



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## PLUG AND PLAY OPTIONS



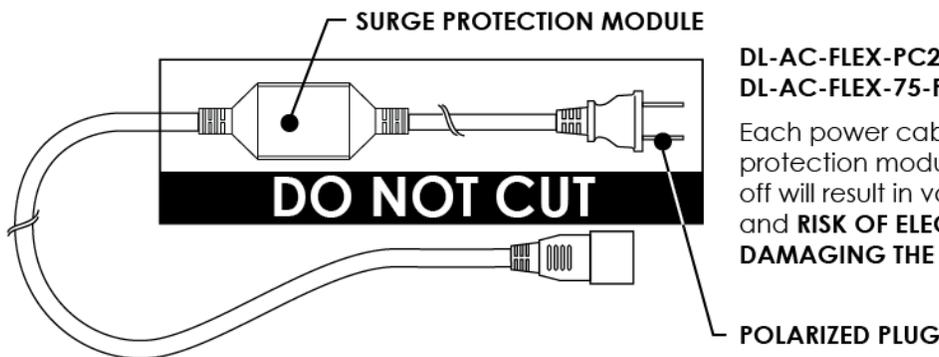
### MOUNTING OPTIONS

	Part Number	Description
	<b>DL-AC-FLEX-CH4</b>	4' Mounting Channel (Clear Plastic with UV inhibitors) Dims: 1/2" H x 1" W x 48" L ♦
	<b>DL-AC-FLEX-CH8</b>	8' Mounting Channel (Clear Plastic with UV inhibitors) Dims: 1/2" H x 1" W x 96" L ♦
	<b>DL-AC-FLEX-MC</b>	Snap-in Mounting "U" Clip (Clear Plastic with UV inhibitors) Dims: 1/2" H x 1" W x 1" L ♦ <i>Recommended: 1 clip every 4"</i>

### TERMINATION OPTIONS\*\*

	Part Number	Description
	<b>DL-AC-FLEX-PC2</b>	2' Cord and Power Plug with surge protection for runs < 75'
	<b>DL-AC-FLEX-PC6</b>	6' Cord and Power Plug with surge protection for runs < 75'
	<b>DL-AC-FLEX-75-PC2</b>	2' Power Plug with surge protection for runs > 75'
	<b>DL-AC-FLEX-CC3</b>	3" Connecting Cable ♦
	<b>DL-AC-FLEX-CC6</b>	6" Connecting Cable ♦
	<b>DL-AC-FLEX-CC12</b>	12" Connecting Cable ♦
	<b>DL-AC-FLEX-CC24</b>	24" Connecting Cable ♦
	<b>DL-AC-FLEX-EC</b>	End Cap (clear) Note: End cap must be used at the end of each run.

♦ Nominal  
\*\*Custom cut in precise 4" increments. Product is assembled to order and shipped.



#### DL-AC-FLEX-PC2, DL-AC-FLEX-PC6 OR DL-AC-FLEX-75-PC2

Each power cable has a built-in surge protection module. Cutting the surge module off will result in voiding the product warranty and **RISK OF ELECTRICAL SHOCK AND DAMAGING THE PRODUCT.**

Refer to installation instructions for complete details on use.





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IES FILE AVAILABLE:



[2700K](#)

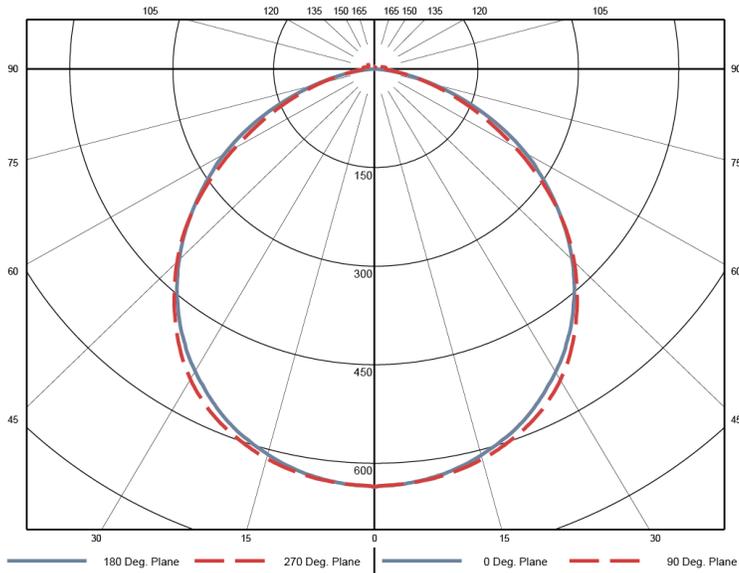


[3000K](#)



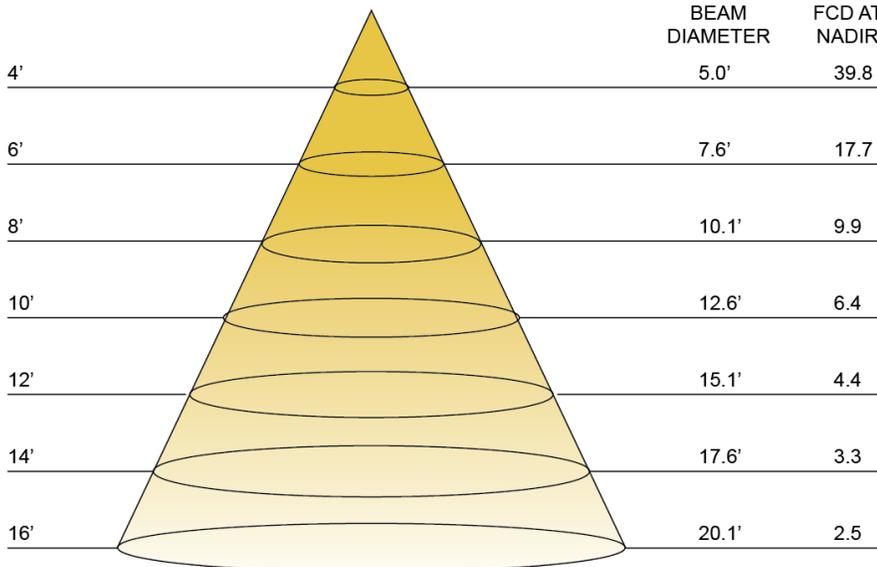
[4000K](#)

## DISTRIBUTION – POLAR PLOT 3000K



Zone	Lumens	% of Luminaire
0-40	810	46.5%
0-60	1258	80.3%
0-90	1697	97.4%
90-180	45	2.6%

## DISTRIBUTION – CONE OF LIGHT 3000K



Mounting Height (Feet)	Footcandles at Nadir	Diameter (Feet)
4.00	39.8	5.04
6.00	17.7	7.56
8.00	9.94	10.1
10.0	6.36	12.6
12.0	4.42	15.1
14.0	3.25	17.6
16.0	2.49	20.1



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