

Date:	Approved:
Type:	
Luminaire:	
Project:	

eCOVELINE WD-E



120V ONLY



The **eCOVELINE WD-E** luminaire provides a smooth dim-to-warm effect for lighting applications requiring the option to provide warm lighting in a versatile cove luminaire. **eCOVELINE WD-E** comes in a 1 ft or 4 ft nominal length. The housing is constructed of extruded aluminum with tooled end caps and is IP43 rated for dry or damp use only. Features Plug N' Play connectors for easy installation. ECVLWD-E has a unique dimming feature that allows a standard ELV reverse phase dimmer to change the LED color temperature as the luminaire is dimmed from 3500K to 2200K.



SPECIFICATIONS

PHYSICAL

beam spread	60°, 120°
LEDs per foot	28 per foot
lengths/dimensions	11.9" x 1.65" x 1.75", 46.8" x 1.65" x 1.75"
mounting	standard: surface mount bracket with (+/- 15° from center), optional ADB2 full 180° rotation (+/- 90° from center)
housing	extruded aluminum housing with tooled end caps
lens	etched polycarbonate
ingress protection	damp and dry interior locations IP43 rated
luminaire connections	daisy chain with male and female, 3-PIN, plug-n-play connectors
minimum run length	6' (33W)
weight	1 foot (1 lbs), 4 foot (4 lbs)

PERFORMANCE

color temperature	3500K, dim to 2200K
lumen output [all on]	185 lm/ft, 600 lm/ft
lumen maintenance	L70 ≥ 70,000 hours
temperature	operating: -4°F to 104°F (-20°C to 40°C), start up: -4°F to 104°F (-20°C to 40°C), storage: -40°F to 176°F (-40°C to 80°C)
color consistency	3-Step MacAdam Ellipse / standard: CRI ≥ 80 CRI
warranty	5 year limited warranty

ELETRICAL

input voltage	120 VAC
power supply	integral Class II, electronic high-power factor 94% @ 120V
interface	dimnable to warm 2200K, 3% full brightness, (ELV) electronic low-voltage reverse phase, synchronized w/ soft shut-off
certification	ETL/cETL Listed
standards	UL 1598, CSA C22.2 No. 250.0 -UL8750, cSA22.2 No 250.13, IES LM 70/LM 80
power consumption	1 ft @ full power (5.5W), 4 ft @ full power (22W)
dimming interface	ELV (reverse phase) dimming < 3%

Ordering Information

eCOVELINE WD-E



PART NUMBERS

ECVLWD-E		22/35		
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MODEL	LENGTH	CCT	OPTICS	OPTIONS
ECVLWD-E eCOVELINE Warm/Dim ELV	1 12 in. [305 mm]	22/35 2200K - 3500K	60 60° x 60° beam	CVLL-1 coveline louver (1ft)
NOTE: 120V Only	4 46.8 in. [1219 mm]		120 120° x 120° beam	CVLL-4 coveline louver (4ft)
				DVL-1 direct view lens (1ft)
				DVL-4 direct view lens (4ft)
				DVL-ENDCAP direct view lens end cap (pair) must have 1 pair for every DVL

Cable Accessories (Indicate the quantity needed for each item.)

REQUIRED: Starter Cable (SC6) and Terminator Cap (TCAP) for every run. **Maximum Run Length** = 120 feet / **Minimum Run Length** = 6 feet (33W)

- _____ SC6 6 ft. Starter Connection Cord

_____ TCAP Terminator Cap
- _____ EC06 6 in. Extension Cord

_____ EC12 12 in. Extension Cord

_____ EC24 24 in. Extension Cord

_____ EC60 60 in. Extension Cord

Mounting Options (Indicate the quantity needed for each item.)

- _____ ADB2 +/- 90° Adjustable Bracket
- _____ CA2/6 Cantilever Arm - 6"
- _____ CA2/12 Cantilever Arm - 12"
- _____ CA2/18 Cantilever Arm - 18"

Use Module Only to Convert 0-10V Signal to ELV Dimming

DIM0-10VELV is a dimming module that converts a 0-10V dimming signal to an ELV (electronic low-voltage) reverse phase dimming signal for ELV dimmable lighting products.

Control Components (Indicate the quantity needed for each item.) (1 module per run) (Indoor rated)

REQUIRED: Starter Cable (SC6) and Terminator Cap (TCAP) for every run.

- _____ DIM0-10VELV-UNV-OJBM-IJBM-BLA 0-10V ELV Dim Module, Output Junction Box Mount (12" lead wire), Input Junction Box Mount (12" lead wire), Interior Rated Enclosure, Black Anodized Alum.
- _____ DIM0-10VELV-UNV-OCPM-ICPM-BLA 0-10V ELV Dim Module, Output Conduit Pipe Mount (96" lead wire), Input Conduit Pipe Mount (96" lead wire), Interior Rated Enclosure, Black Anodized Alum.

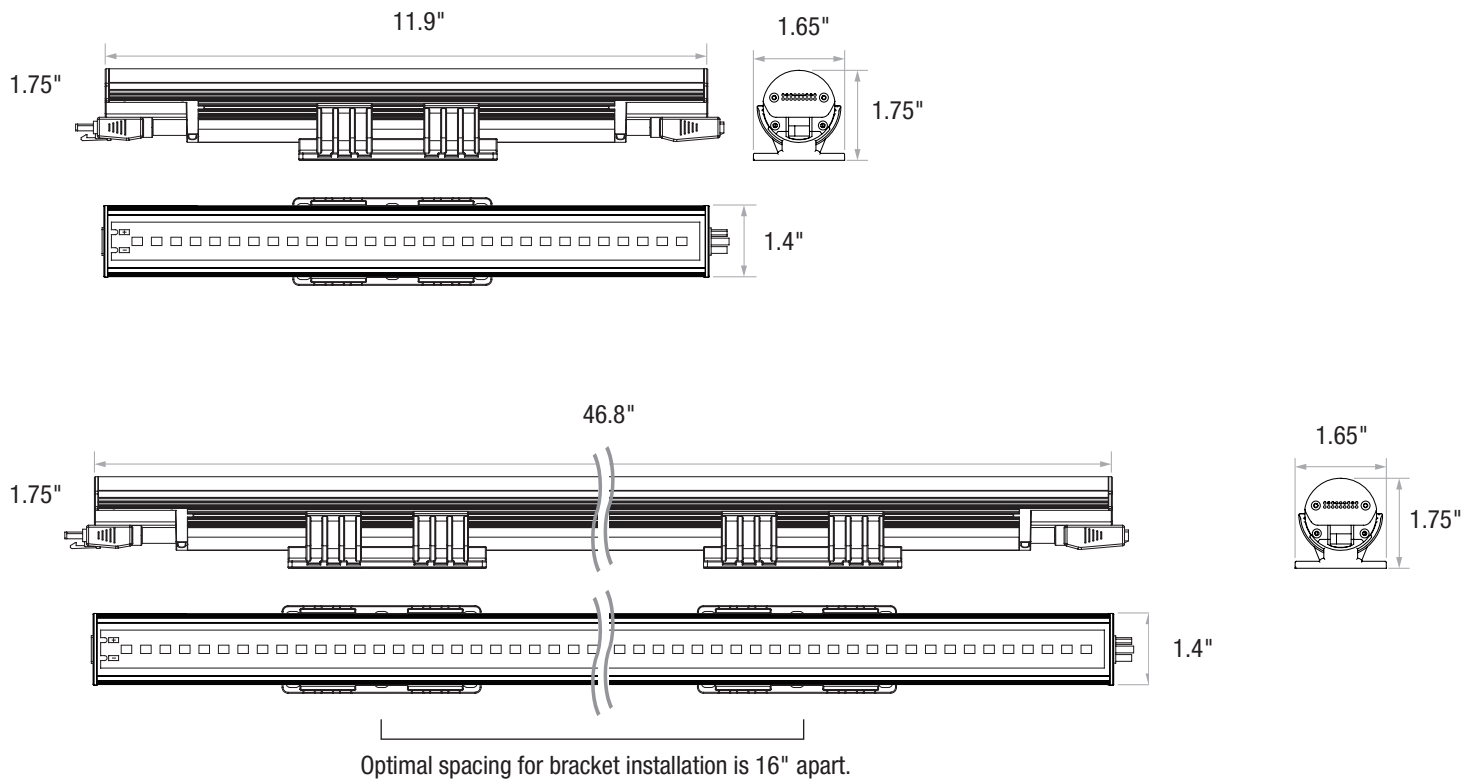
REQUIRED: Extension Cord (ECXX) XX=06, 12, 24, or 60 Inch Lengths (Pick Length to use based on 1st luminaire to DIM0-10VELV unit distance) and Terminator Cap (TCAP) for every run.

- _____ DIM0-10VELV-UNV-OSCM-IJBM-BLA 0-10V ELV Dim Module, Output Starter Cord Mount (6" lead wire), Input Junction Box Mount (6" lead wire), Interior Rated Enclosure, Black Anodized Alum.

Standard Dimensions eCOVELINE WD-E



DIMENSIONS WITH STANDARD BRACKET



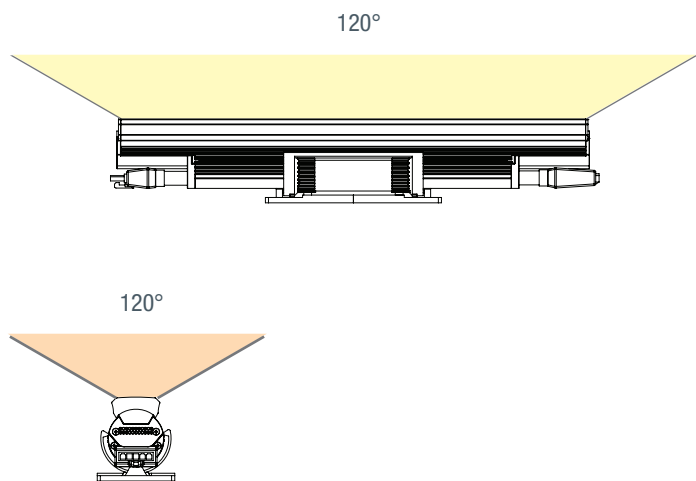
TO PREVENT VOIDING THE WARRANTY, DO NOT INSTALL BRACKETS WITHIN 2" OF THE ENDS OF LUMINAIRE.

Photometry

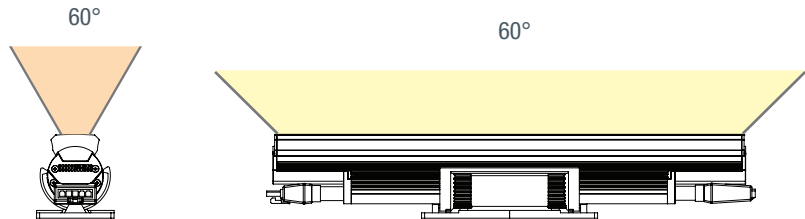
eCOVELINE WD-E



ECVLWD-E 1FT 4K 120°



ECVLWD-E 1FT 4K 60°



PERFORMANCE (Full On)

Model	Delivered Lumens	
	2200K	3500K
ECVLWD-E-1	185	600
ECVLWD-E-4	740	2400

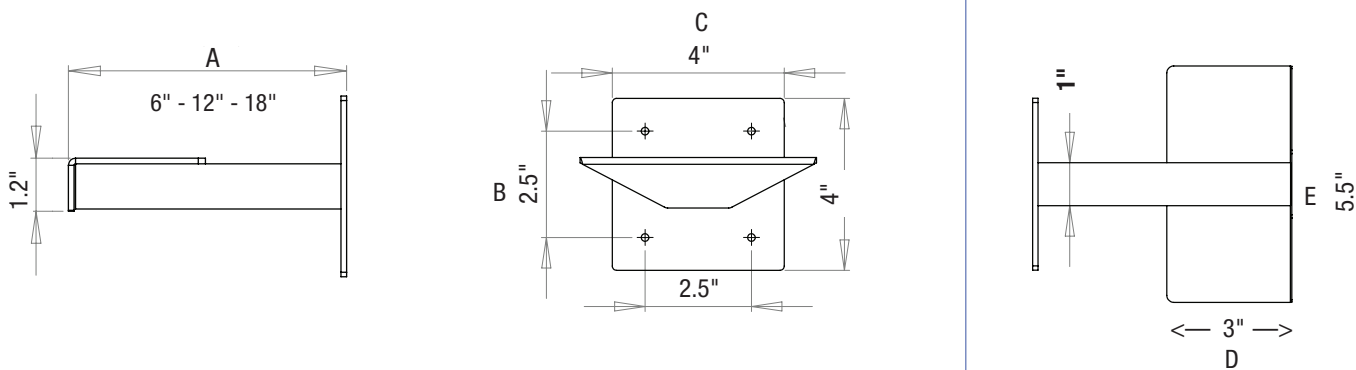
Mounting Options

eCOVELINE WD-E

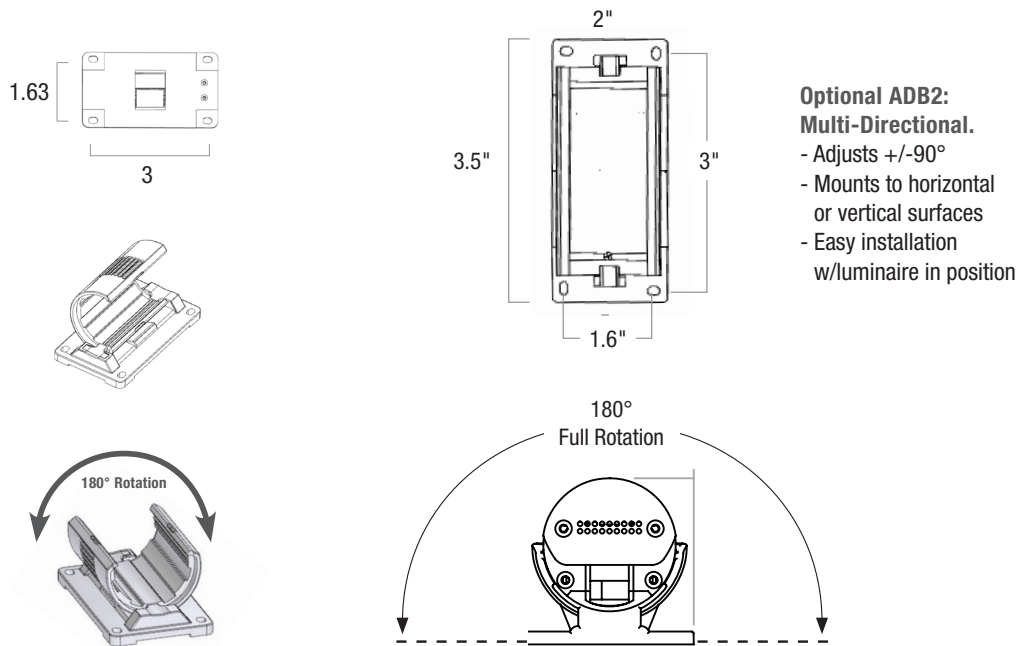


CANTILEVER ARM - Available in 3 Lengths

CA2	(A) arm length	mounting height (B)	mounting width (C)	bracket plate length (D)	bracket plate width (E)	ECVLWD-E	CA2 Requirement
CA2/6	6"	4"	4"	3"	5.5"	1'	1
CA2/12	12"					4'	2
CA2/18	18"						



OPTIONAL ADJUSTABLE BRACKET (ADB2)



Due to continuous development and improvements, specifications are subject to change without notice.
Product use certifies agreement to Solid State Luminaires terms and conditions.

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 US Commercial Lighting Manufacturer Since 1982

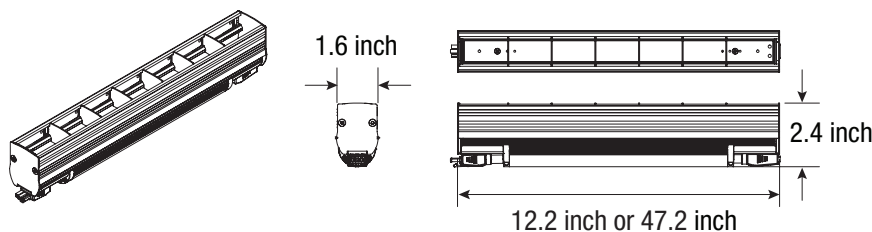
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Accessories

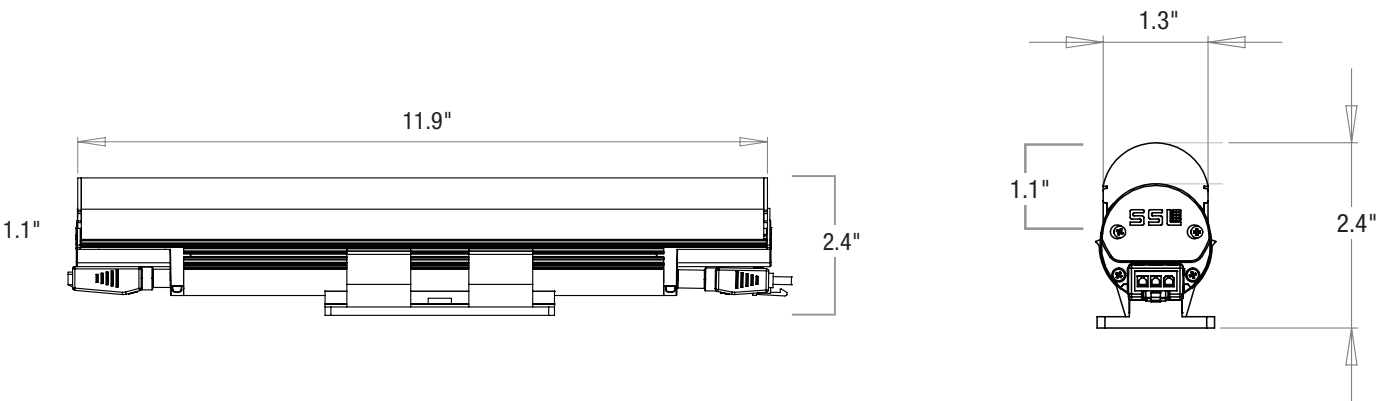
eCOVELINE WD-E



LOUVER (BLACK) - CVLL		1FT	4FT
height		2.4"	2.4"
length		12.2"	47.2"
width		1.6"	1.6"



DIRECT DIFFUSER LENS - DVL		1FT	4FT
total height		2.4"	2.4"
diffuser height		1.1"	1.1"
length		11.9"	46.8"
width		1.3"	1.3"



Connectivity Options

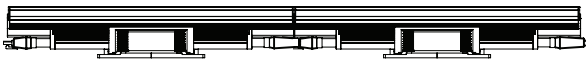
eCOVELINE WD-E



CONNECTIONS & CABLES

A:1

H



Daisy Chain Luminares (1')

A1: MIN/.5" - MAX/.8" between luminares

A4: MIN/0" - MAX/.6" between luminares

B: SC6 - 6ft Starter Cord

C: EC6 6 in. Extension Cord

C: EC12 12 in. Extension Cord

C: EC24 24 in. Extension Cord

C: EC60 60 in. Extension Cord

D: TCAP 1.13" Terminator Cap

NOTE: 120V ONLY

A:4

H



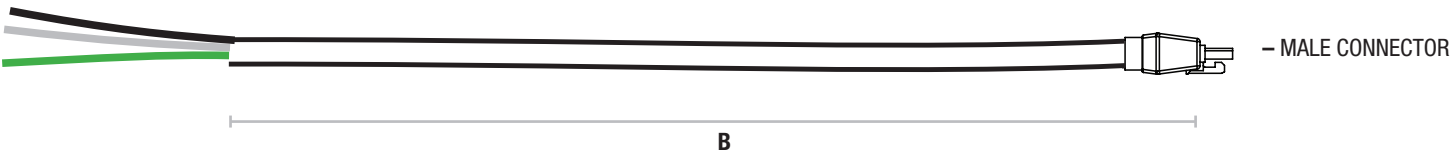
Daisy Chain Luminares (4')

NOTE:

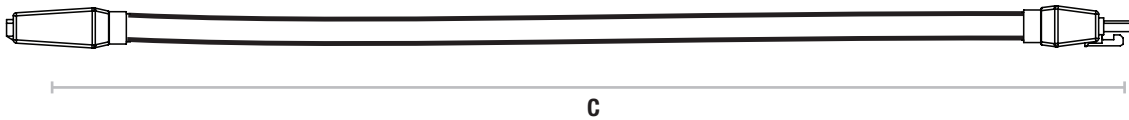
Minimum run length is 6 feet (33W)

B: STARTER CABLES

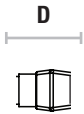
INSURE FIRST LUMINAIRE IS ORIENTED TO ACCEPT MALE CONNECTOR STARTER CABLE



C: EXTENSION CABLES



D: TERMINATOR CAP TCAP



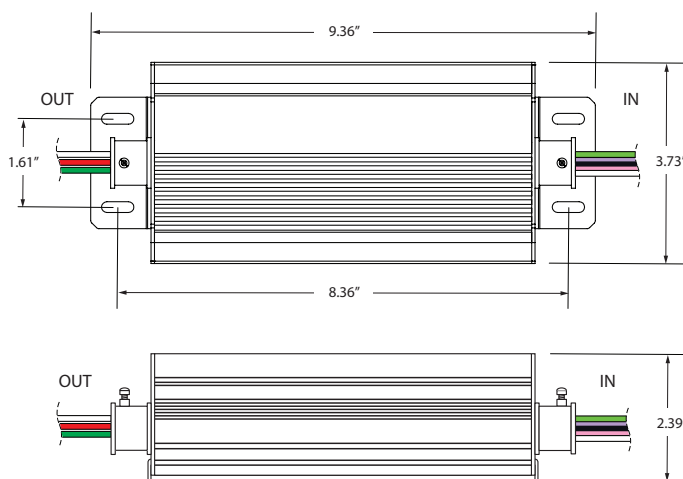
Control Components eCOVELINE WD-E



OVERALL DIMENSIONS (DIM0-10VELV)

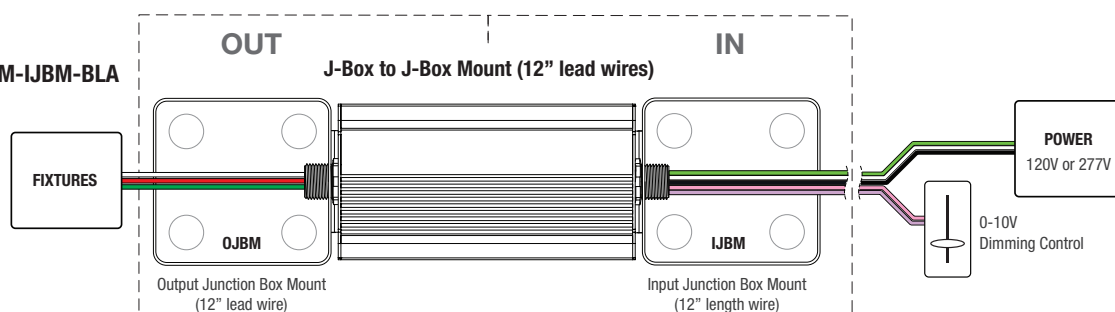
Use Module Only to Convert 0-10V Signal to ELV Dimming

Converts 0-10V signal for ELV Dimming protocol.

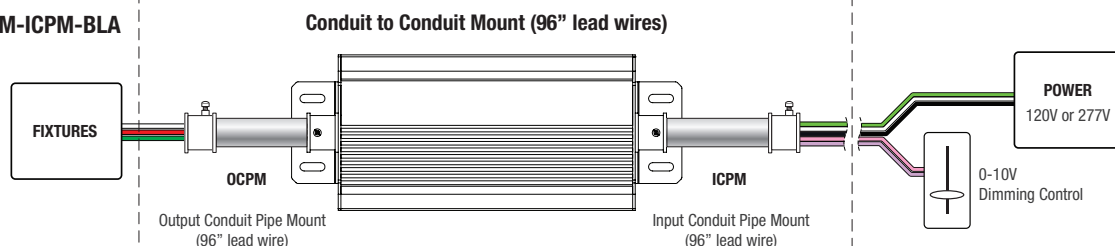


CONNECTIVITY TYPES (DIM0-10VELV)

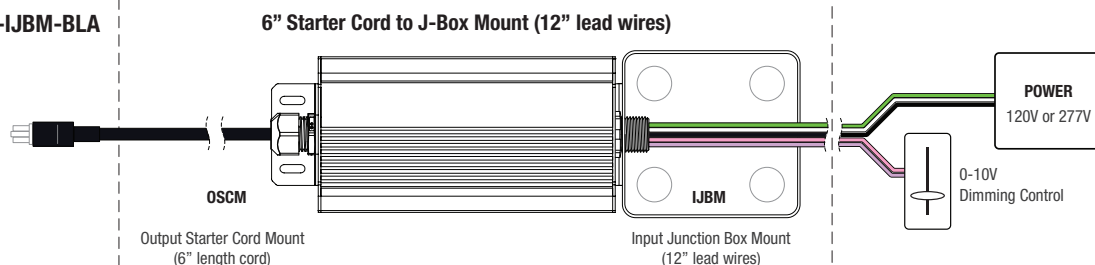
DIM0-10VELV-UNV-OJBM-IJBM-BLA



DIM0-10VELV-UNV-OCPM-ICPM-BLA




DIM0-10VELV-UNV-OSCM-IJBM-BLA



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