solid state luminaires

Type:

Luminaire:

Project:

Approved:

CVL Color CoveLine

CVL Color CoveLine (CVL) is a low profile LED cove luminaire with 4 static color LED options, Red, Green, Blue & Amber. **CVL Color CoveLine** comes in 1 or 4 foot nominal lengths. The housing is constructed of extruded aluminum with tooled end caps and IP20 rated for interior use only. Features Plug N' Play connectors and other accessories for easy installation. Flicker free dimming to 3% brightness ELV trailing edge.

Intertek

SPECIFICATION

color temperature	**RED**	**GREEN**	**BLUE**	**AMBER**
lumen output	198 per foot	430 per foot	580 per foot	235 per foot
beam spread	10°, 25°, 40°, 80°, 120°, 10° x 40°, 30° x 60°, 67° x 140°			
LEDs per foot	7			
color consistency	3 SDCM / 84CRI			
lumen maintenance	L70 > 70,000 hours			
input voltage	Universal 120- 277 VAC			
power consumption	10W			
dimensions [L x W x H]	**CVL-1** = 12" x 1.65" x 1.75", **CVL-4** = 46.8" x 1.65" x 1.75"			
weight	1 lb. per foot			
housing	Extruded aluminum housing with tooled end caps			
lens	Etched polycarbonate			
mounting	Surface mounting with (+/– 15°) adjustable brackets (ADB2 option +/– 90°)			
operating temperature	14°F to 104°F (-10°C to 40°C)			
interface	Dimmable to 3% full brightness, (ELV) electronic low-voltage trailing edge, synchronized w/ soft shut-off			
power supply	Integral Class II, electronic high-power factor 94%			
certification	ETL / cETL or CE			
standards	UL-Class I / IES LM-79 / LM-80			
environment	IP20 Rated for dry, interior locations			
warranty	5-Year limited warranty			

Due to continuous development and improvements, specifications are subject to change without notice.
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Ordering Information

PRODUCT NUMBERS

CVL									
MODEL		**LENGTH**		**COLOR**		**OPTICS**		**OPTIONS**	
CVL	COVELINE COLOR	1	12 in. [305 mm]	AM	AMBER **	10	10° x 10° Beam	BL	Black Louver
		4	46.8 in. [1219 mm]	RD	RED **	25	25° x 25° Beam		
				GR	GREEN **	40	40° x 40° Beam		
				BL	BLUE **	80	80° x 80° Beam		
						120	120° x 120° Beam (standard)		
						1040	10° x 40° Beam		
						3060	30° x 60° Beam		
						67140	67° x 140° Beam	** Consult Factory (minimum order quantity)	

Cable Accessories (Indicate the quantity needed next to each item.)

REQUIRED: Starter Cable (SC6) and Terminator Cap (TCAP) for every run. **Maximum Run Length** = 60 feet

_____ **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** 180° 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-0JBM-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-0CPM-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-0SCM-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.

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Photometry

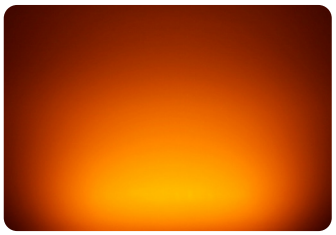
COLORS

CVL-RD (RED)

CVL-GR (GREEN)

CVL-BL (BLUE)

CVL-AM (AMBER)



PERFORMANCE

	Connected	Delivered Lumens			
Model	Wattage	RED	GREEN	BLUE	AMBER
CVLX-1	10	198	430	580	235
CVLX-4	30	792	1720	2320	940

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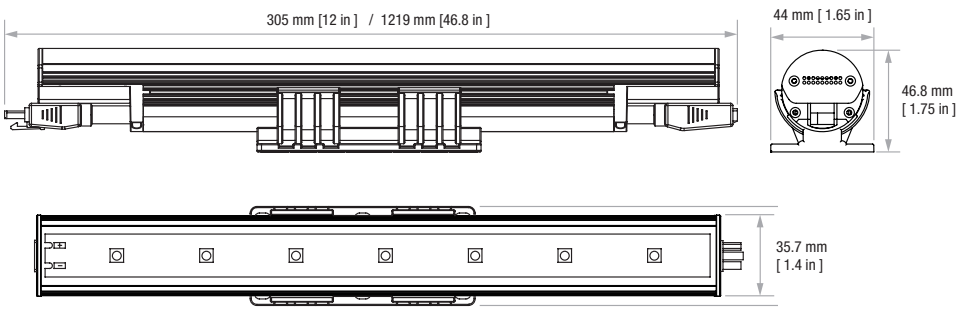
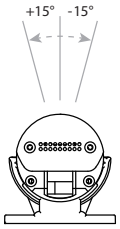
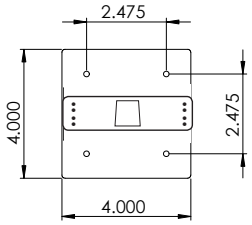
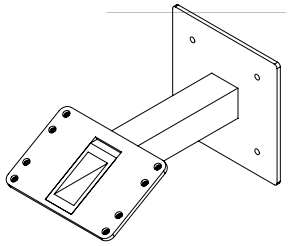
Dimensions & Accessories



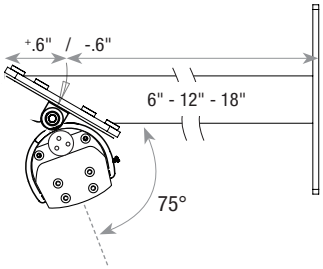


BRACKET EXTENSION ARM (BEA-G2)



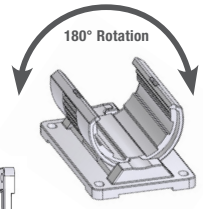


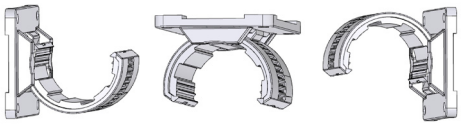
Extends From Mounting Surface
- Available in 6", 12" or 18" lengths
- BEA comes with ADB2 bracket
- Comes standard in FC Silver



ADJUSTABLE BRACKET (ADB2)

Universal Orientation
- Adjustable 180°
- Mounts to horizontal or vertical surfaces
- Easy installation with luminaire in position





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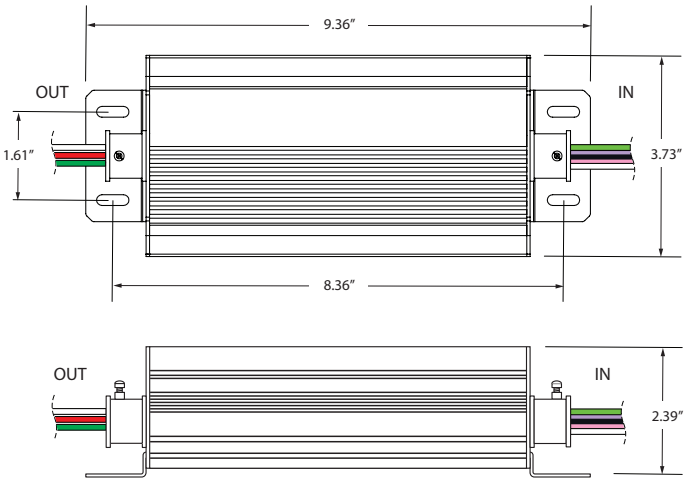
Control Components

OVERALL DIMENSIONS (DIM0-10VELV)

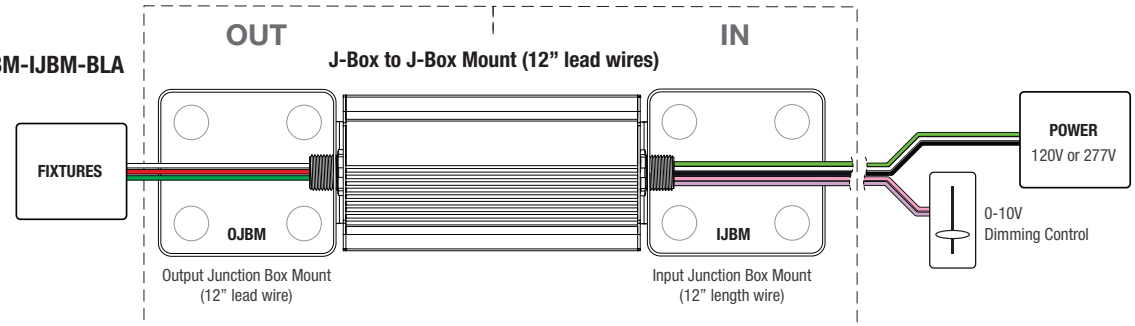
Use Module Only to Convert 0-10V Signal to ELV Dimming

Converts 0-10V signal
for ELV Dimming protocol.

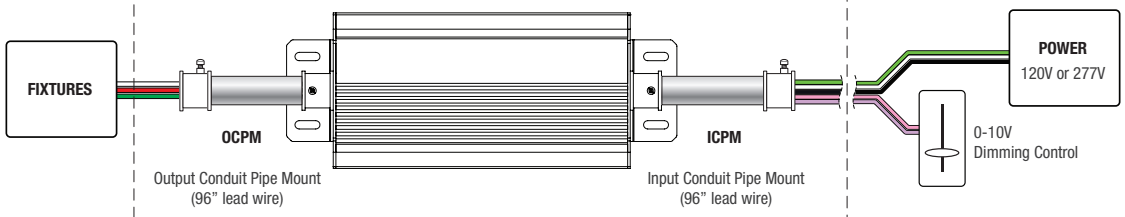


CONNECTIVITY TYPES (DIM0-10VELV)

DIM0-10VELV-UNV-0JBM-IJBM-BLA



DIM0-10VELV-UNV-0CPM-ICPM-BLA



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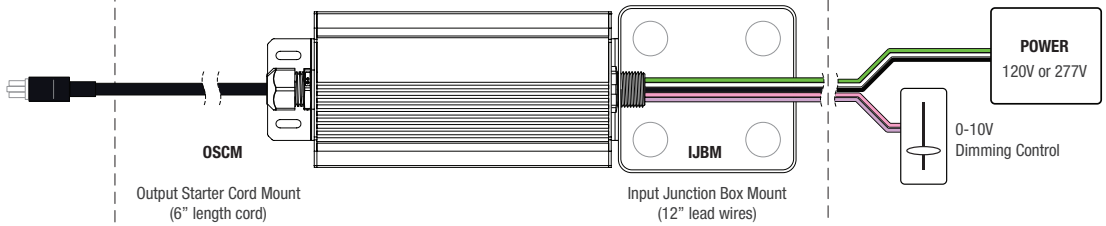

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