End of Life / Legacy – product availability and pricing needs to be evaluated.

solid state luminaires

Date:	**Approved:**
Type:	
Fixture:	
Project:	

eCOVELINE XL WET

The **eCOVELINE XL WET** is a powerful and versatile interior / exterior cove luminaire. **eCOVELINE XL WET** comes in a 1 ft, 4 ft or 6 ft nominal lengths and 24K, 27K, 3K, 35K or 4K color temperatures. The housing is constructed of extruded aluminum with tooled end caps and is IP66 rated for interior & exterior use. Features IP68 line voltage Plug N' Play connectors for exterior linear runs. Power supply is integral, no remote driver required. Universal orientation fixture; up, down, horizontal or vertical positioning and 2 optical solutions. Flicker free dimmable to 3% full brightness ELV trailing edge dimming.

SPECIFICATION

color temperature	2400K (consult factory)	2700K	3000K	3500K	4000K
lumen output		510 per foot	706 per foot	745 per foot	785 per foot
beam spread	30° x 80° - 120°				
LEDs per foot	14				
color consistency	3 SDCM / 84CRI				
lifetime	> 70,000 hours / L70 or better				
input voltage	Universal 120–277V AC (50-60Hz)				
power consumption	6.5W per foot				
dimensions [L x W x H]	12.25" x 1.77" x 1.9"	47" x 1.77" x 1.9"	70.25" x 1.77" x 1.9"		
weight	1.3 lbs. per foot				
housing	extruded aluminum housing with tooled end caps				
lens	etched polycarbonate				
mounting	surface mounting with adj. (+/– 15°), Adjustable Bracket (30°–60° bi-directional)				
operating temperature	-20°C to 40°C				
junction temperature	66°C @ T^A 25°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	wet, exterior location / IP66 (Connectors IP68)				
warranty	5 year limited warranty (refer to website for details)				

Due to continuous development and improvements, specifications are subject to change without notice. Solid State Luminaires reserves the right to change lab test details or specifications without notice. Product use certifies agreement to Solid State Luminaires terms and conditions.

Ordering Information

ORDERING INFORMATION

ECVLXWET		UNV			

MODEL	LENGTH	VOLTAGE	TEMPERATURE	OPTICS	OPTIONS
ECVLXWET eCOVELINE XL WET	**1** 305 mm [12 in.]	**UNV** 120–277V	**27K** 2700K	**3080** 30° x 80° beam	**WC1L-1** 1' Louver (Black)
	4 1189 mm [46.8 in.]		**3K** 3000K	**120** 120° x 120° beam	**WC1L-4** 4' Louver (Black)
	6 1778 mm [70 in.]		**35K** 3500K		**WC1L-6** 6' Louver (Black)
			4K 4000K		**WC1HS-1** 1' Louver House Shield (Blk)
					WC1HS-4 4' Louver House Shield (Blk)
					WC1HS-6 6' Louver House Shield (Blk)

Accessories

(Indicate the quantity needed for each item.) **REQUIRED**: Starter Cable (SC10W) and Terminator Cap (TCAPW) for every run. **Maximum Run Length** = 100 feet

_____ **SC10W** 10 ft. Starter Connection Cord
_____ **TCAPW** Terminator Cap
_____ **ADBW2** 45° (+/-) Adjustable Bracket
_____ **ADBW2-90** 90° (+/-) Adjustable Bracket
_____ **EC12W** 12 in. Extension Cord
_____ **EC24W** 24 in. Extension Cord
_____ **EC60W** 60 in. Extension Cord
_____ **CA2-6** 6" Cantilever Arm
_____ **CA2-12** 12" Cantilever Arm
_____ **CA2-18** 18" Cantilever Arm
_____ **LS-6** Landscape Spike - 6"

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.

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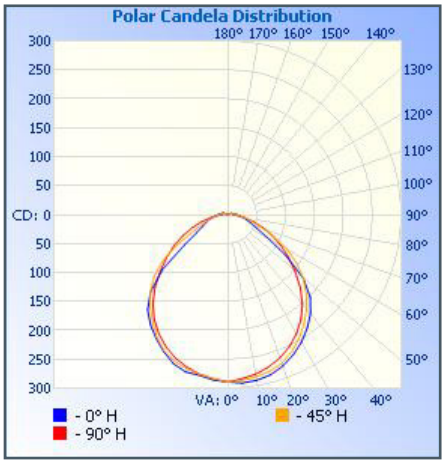
Photometry

ECVLXWET-1-120-4K-785-120°

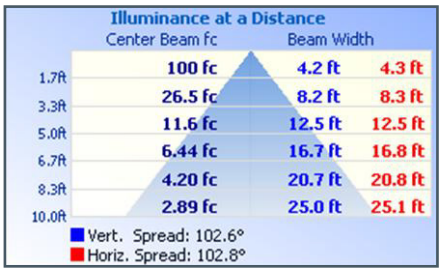


Zonal Lumen Summary

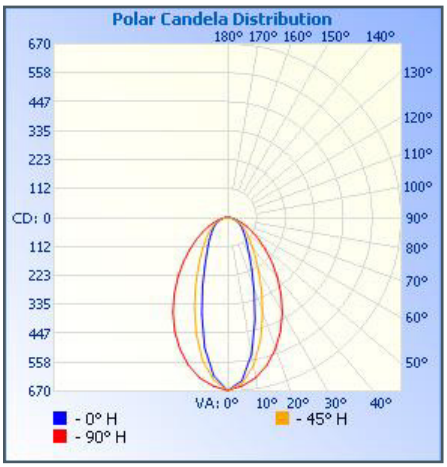
Zone	Lumens	% Luminaire
0-30	224.8	28.6%
0-40	367.4	46.8%
0-60	626.8	79.8%
60-90	135.7	17.3%
70-100	75.3	9.6%
90-120	22.4	2.9%
0-90	762.6	97.1%
90-180	22.4	2.9%
0-180	785.0	100%

Efficiency Total: 99%

Illuminance at a Distance



ECVLXWET-1-120-4K-785-30°x 80°

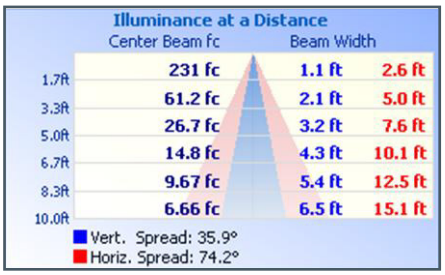


Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	342.3	43.7%
0-40	477.6	61%
0-60	673.2	86%
60-90	104.8	13.4%
70-100	50.7	6.5%
90-120	5.1	.6%
0-90	778.0	99.4%
90-180	5.1	.6%
0-180	783.0	100%

Efficiency Total: 99%

Illuminance at a Distance



PERFORMANCE

Model	Connected Wattage	Delivered Lumens 2700K	3000K	3500K	4000K
ECVLXWET-1	6.5W	510	706	745	785
ECVLXWET-4	26W	2040	2824	2980	3140
ECVLXWET-6	39W	3060	4236	4470	4710

DIMMING

Model	Description
DELV	Lutron Diva Dimmer 300P
SELV	Lutron Skylark Dimmer 153P
SCL	Lutron Skylark Dimmer 300P

DELV

SELV

SCL

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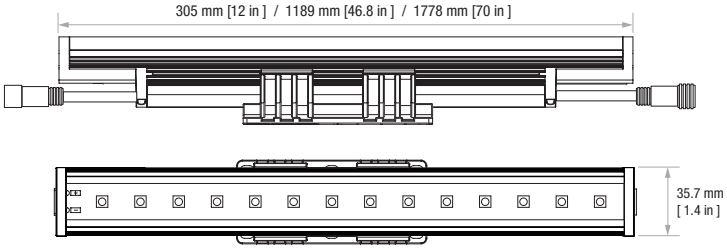
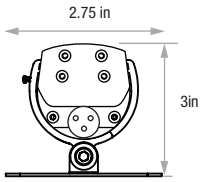
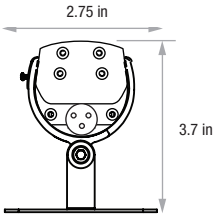
Dimensions

Available in 3 lengths



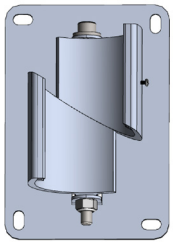


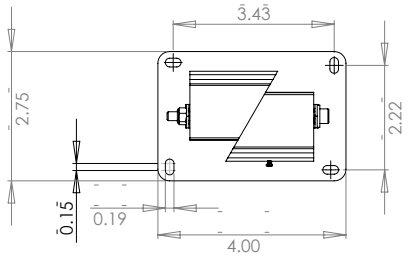
ADBW2



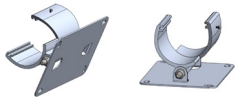
ADBW2-90

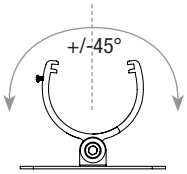
ADJUSTABLE BRACKET (ADBW2)



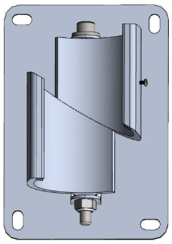


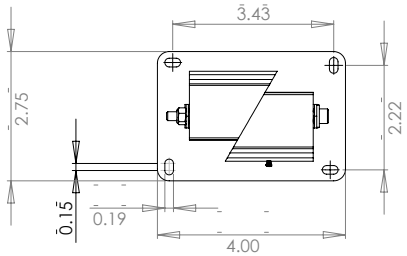
Universal Orientation
- Mounts to horizontal or vertical surfaces
- Easy installation w/fixture in position
- +/-45° to surface



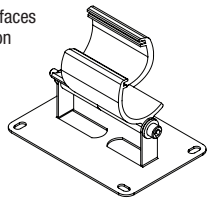


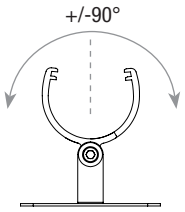
90° ADJUSTABLE BRACKET (ADBW2-90)





Universal Orientation
- Mounts to horizontal or vertical surfaces
- Easy installation w/fixture in position
- +/-90° to surface

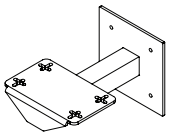


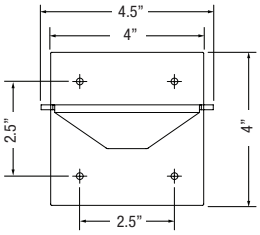


CANTILEVER ARM (CA2)

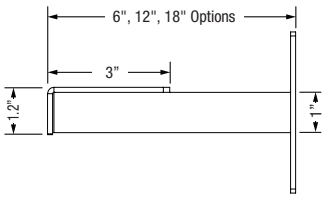
CA2	arm length
CA2-6	6"
CA2-12	12"
CA2-18	18"

Fixture	CA2 Required
1-foot	1
4-foot	2





FRONT VIEW



SIDE VIEW

Fixture Size Bracket Requirements

Model - Length	Number of Brackets Required
ECVLXWET - 1	1
ECVLXWET - 4	2
ECVLXWET - 6	3

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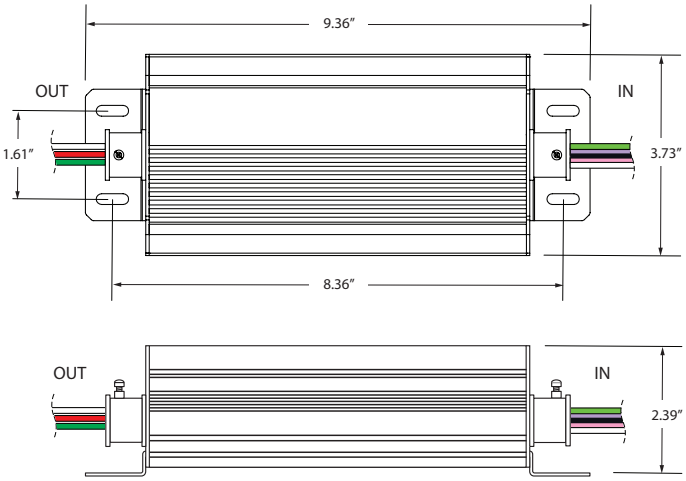
Control Components

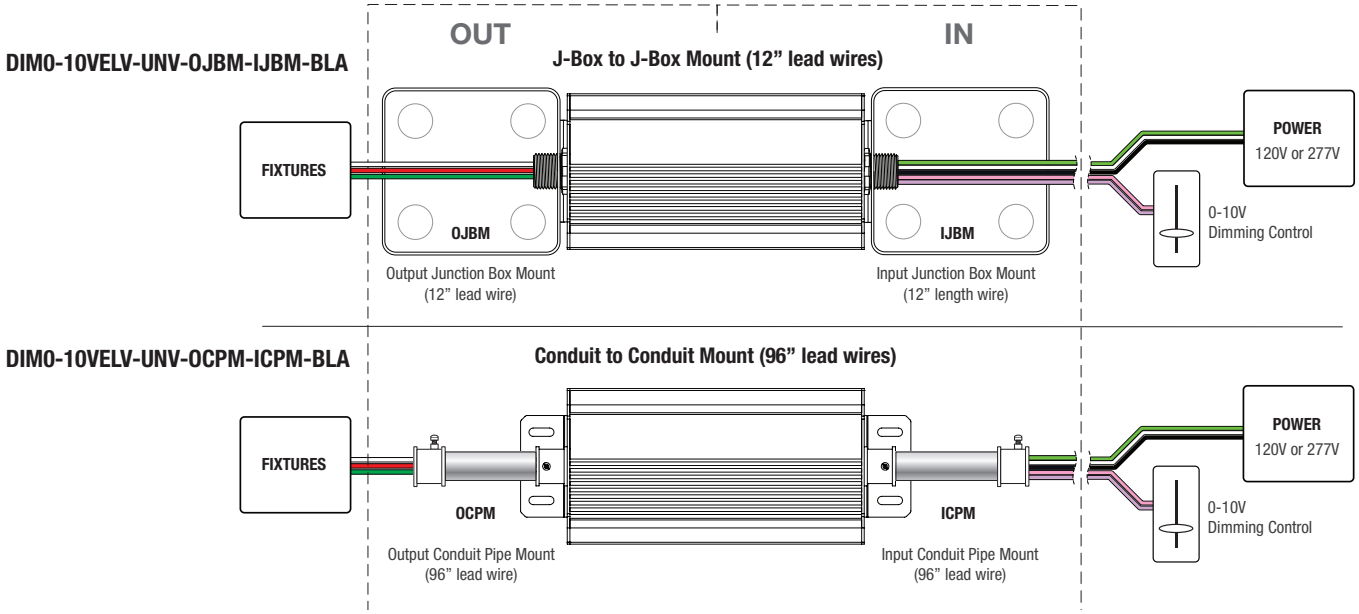
CONTROL OVERALL DIMENSIONS (DIM0-10VELV) ALL VERSIONS

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

Converts 0-10V signal
for ELV Dimming protocol.



CONTROL CONNECTIVITY (DIM0-10VELV) EACH VERSION



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