

Type:  
Fixture:  
Project:

Approved:

## MINI COVELINE

Universal 120–277V AC



The **MINI COVELINE** is a very slim profile luminaire, less than 1 inch tall, that's perfect for tight spaces that require a maximum range of light output. **MINI COVELINE** is available in 1 ft or 4 ft lengths with 27K, 3K, 35K or 4K color temperatures. The housing is constructed of extruded aluminum with tooled end caps and is rated for dry and damp locations. It's Chicago Code Compliant meeting the standards for application use in Chicago, IL, and features Plug N' Play connectors for easy installation. Standard bracket has 135° rotation capability for adjusting beam direction. Flicker free dimmable to 0% full brightness with ELV trailing edge dimming.

### SPECIFICATIONS

#### PHYSICAL

beam spread	60°   120°
LEDs per foot	14 per foot
dimensions	12" x 1.28" x .95"   48" x 1.28" x .95"
weight	1 foot (.75 lbs) / 4 foot (3 lbs)
housing	extruded aluminum housing with tooled end caps
lens	standard: etched polycarbonate
mounting	standard: surface mount bracket with 135° rotation
ingress protection	IP44 rated for damp and dry interior locations
fixture connections	daisy chain with male and female, 3-PIN, plug-n-play connectors

#### PERFORMANCE

color temperature	2700K	3000K	3500K	4000K
lumen output [ all on ]	532 lm / ft	541 lm / ft	553 lm / ft	564 lm / ft
lumen maintenance	≥ 70,000 hours / L70			
operating temperature	-4°F to 104°F (-20°C to 40°C)			
color consistency	2 SDCM / standard: 87 CRI   optional: 90 CRI			
junction temperature	60°C @ T <sup>a</sup> 25°C			
warranty	5 Year limited warranty (refer to website for details)			

#### ELECTRICAL

input voltage	Universal 120–277V AC
power supply	Integral Class II, electronic high-power factor 98% @ 120V
certification	ETL / cETL listed, CEC Title 24 - JA8 Compliant
standards	UL 1598 / CSA Std C22.2 No. 250.0; IESLM-79/LM-80; FCC Part 15
power consumption	1 ft @ full power (4.9W)   4 ft @ full power (19.6W)
dimming	Dimmable to 0%, (ELV) electronic low-voltage trailing edge, synchronized w/soft shut-off, optional 0-10V Dim Module



# Ordering Information



## PART NUMBERS

MC					
MODEL	LENGTH		CCT	CRI	OPTICS
MC MINI COVELINE	1 12 in. [305 mm]		27K 2700K	CRI80 80 CRI	60 60° beam
	4 48 in. [1219 mm]		3K 3000K	CRI90 90 CRI	120 120° beam
			35K 3500K		
			4K 4000K		

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

**REQUIRED:** Starter Cable (SC6) and Terminator Cap (TCAP) for every run. **Maximum Run Length** = 80 feet @ 120V AC

- \_\_\_\_\_ 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.) Each fixture includes Surface Mount Bracket with 135° rotation.

- \_\_\_\_\_ SSL-TRK1 Mounting Track 12 inch
- \_\_\_\_\_ SSL-TRK4 Mounting Track 48 inch
- \_\_\_\_\_ TRK-ADAPTER Required Track Adapter for Mounting Track (2 per 1ft, 4 per 4ft)

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

### 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-OCPPM-ICPPM-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 fixture to DIM0-10VELV unit distance) and Terminator Cap (TCAP) for every run.

- \_\_\_\_\_ DIM0-10VELV-UNV-OSMM-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.



US Commercial Lighting Manufacturer Since 1982

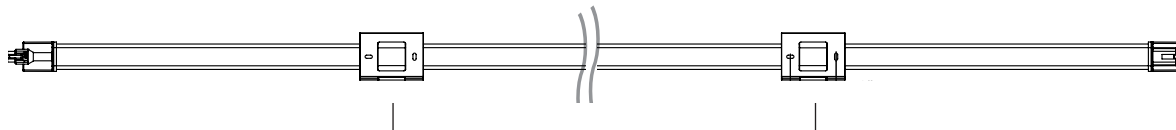
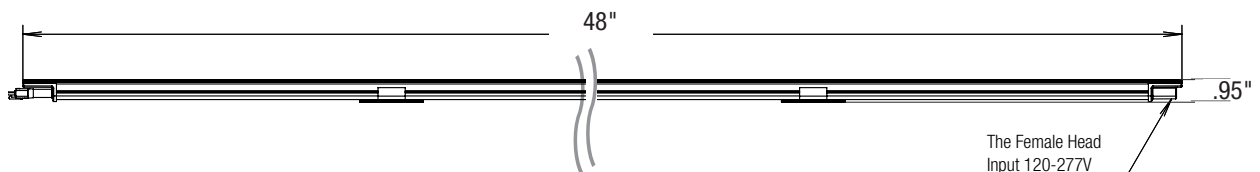
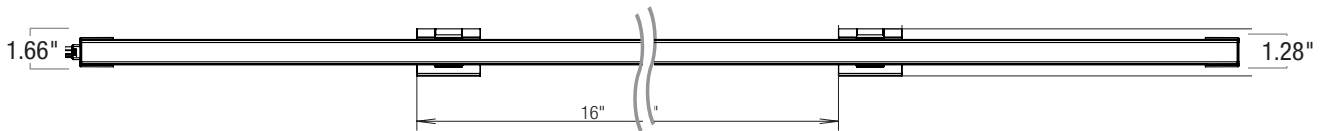
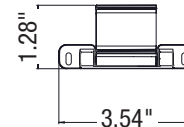
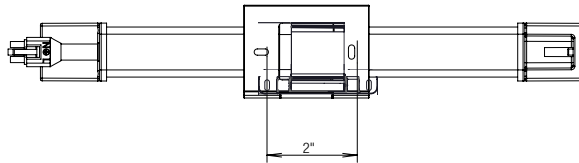
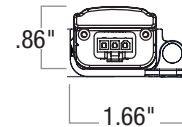
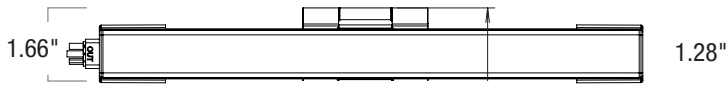
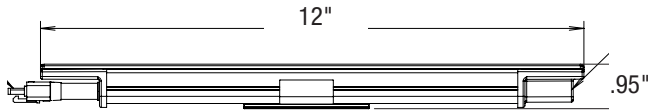
Due to continuous development and improvements, specifications are subject to change without notice. Solid State Luminaires reserves the right to change lab test details or specifications without notice. Product use certifies agreement to Solid State Luminaires terms and conditions.

# Standard Dimensions



## DIMENSIONS WITH STANDARD BRACKET

	1 ft	4 ft
<b>length</b>	12" W	48" W
<b>width</b>	1.28" W	1.28" W
<b>width w/ bracket</b>	1.66" D	1.66" D
<b>height</b>	.86" D	.86" D
<b>height w/ bracket</b>	.95" D	.95" D



Optimal spacing for bracket installation is 16" apart.

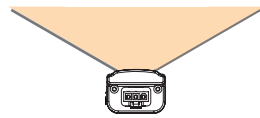
**TO PREVENT VOIDING THE WARRANTY, DO NOT INSTALL BRACKETS WITHIN 2" OF THE ENDS OF FIXTURE.**

# Photometry

## MINI COVELINE

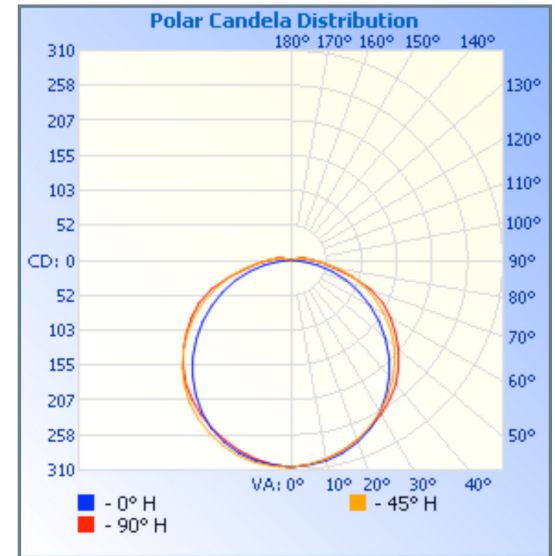


MC 1FT 4K 120°

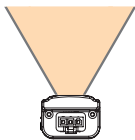


	Illuminance at a Distance		
	Center Beam fc	Beam Width	
1.7R	106 fc	5.0 ft	6.9 ft
3.3R	28.1 fc	9.8 ft	13.4 ft
5.0R	12.2 fc	14.8 ft	20.3 ft
6.7R	6.81 fc	19.8 ft	27.2 ft
8.3R	4.44 fc	24.5 ft	33.7 ft
10.0R	3.06 fc	29.6 ft	40.6 ft

■ Vert. Spread: 111.8°  
■ Horiz. Spread: 127.5°

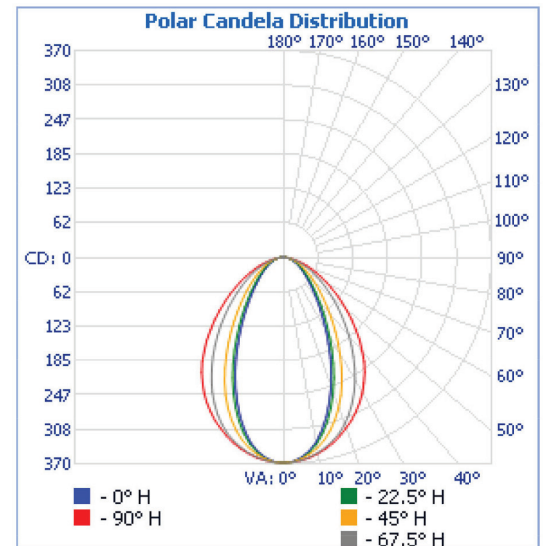


MC 1FT 4K 60°



	Illuminance at a Distance		
	Center Beam fc	Beam Width	
10.0R	3.68 fc	10.0 ft	19.8 ft
20.0R	0.92 fc	19.9 ft	39.6 ft
30.0R	0.41 fc	29.9 ft	59.4 ft
40.0R	0.23 fc	39.8 ft	79.2 ft
50.0R	0.15 fc	49.8 ft	99.0 ft
60.0R	0.10 fc	59.7 ft	118.9 ft

■ Vert. Spread: 52.9°  
■ Horiz. Spread: 89.5°



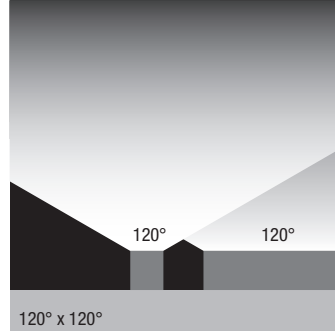
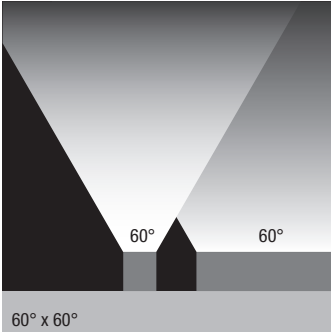
# Photometry

## MINI COVELINE



### AVAILABLE OPTICS

FIND IES FILES ON [SOLIDSTATELUMINAIRES.COM](http://SOLIDSTATELUMINAIRES.COM)



### PERFORMANCE

Model	Connected Wattage	2700K	3000K	3500K	4000K
MC-1	4.9	532	541	553	564
MC-4	19.6	2128	2164	2212	2256

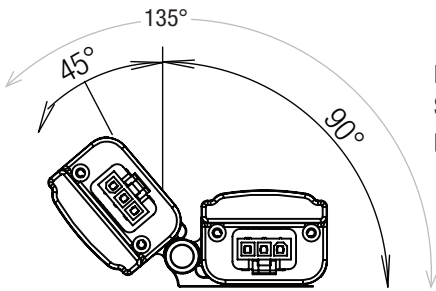
## Mounting Options



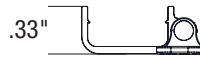
### STANDARD ADJUSTABLE BRACKET

Minimum Bracket Requirements			
MC-1	1	MC-4	2

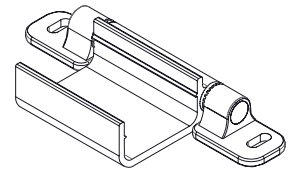
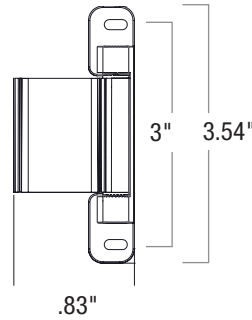
- 180° Standard Adjustable Bracket
- Step adjustments at 15° increments
- Locks in position with hex screw



Bracket Hex Screw to lock position

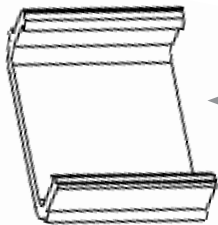


3.54"



### OPTIONAL TRACK MOUNTING KIT (SSL-TRK1 & SSL-TRK4) (Kit includes track & adapter brackets)

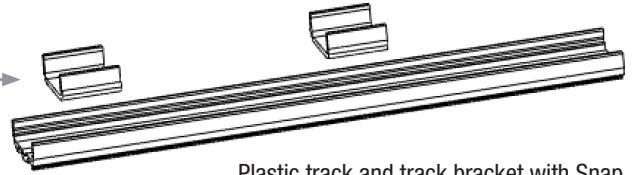
TRK-ADAPTER Bracket Requirements			
SSL-TRK1	1	SSL-TRK4	2



TRK-ADAPTER

MC Track Bracket:  
Snaps onto fixture.

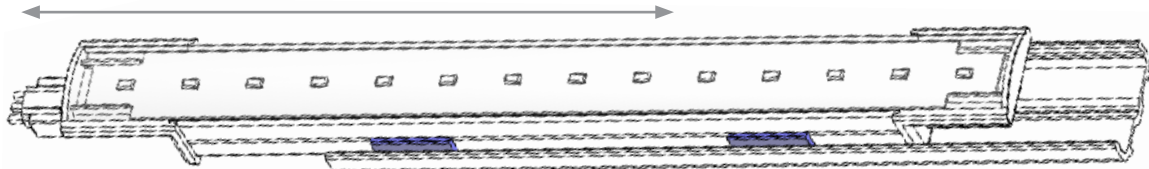
Track mounts to surface  
at any angle or inverted.



Plastic track and track bracket with Snap  
Together Assembly (48" track shown)



Slide in track to position fixture.



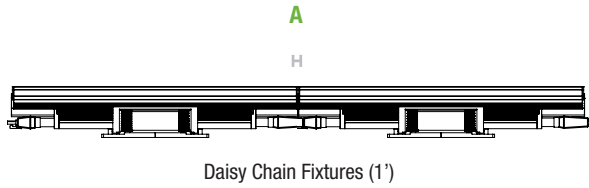
Slide in track to position fixture.

# Connectivity Options



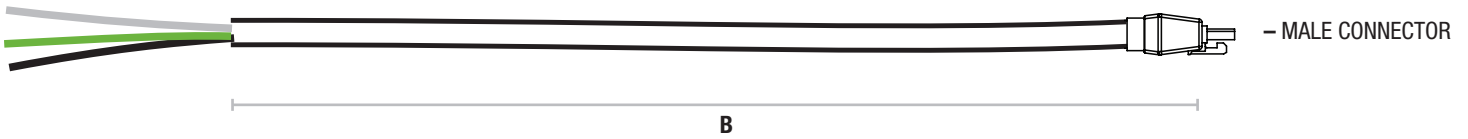
## CONNECTIONS & CABLES

- A:** .125" between fixtures
- B:** **SC6** - 6ft Starter Cord
- C:** **EC6** 12 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

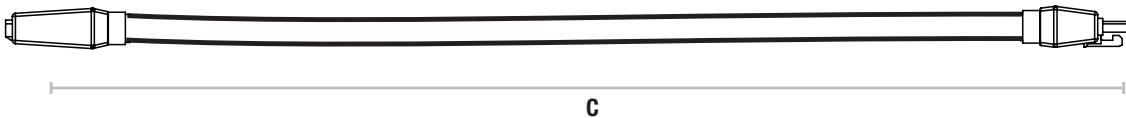


### B: STARTER CABLES

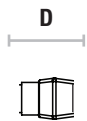
**INSURE FIRST FIXTURE IS ORIENTED TO ACCEPT MALE CONNECTOR STARTER CABLE**



### C: EXTENSION CABLES

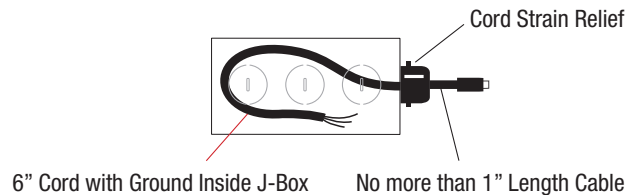


### D: TERMINATOR CAP TCAP



MC features Chicago Code Compliant (CCC) connectors. See below for Starter Connection Cord (SC6) setup details.

### Steel Junction Box Wiring for Starter Connection Cord (SC6)



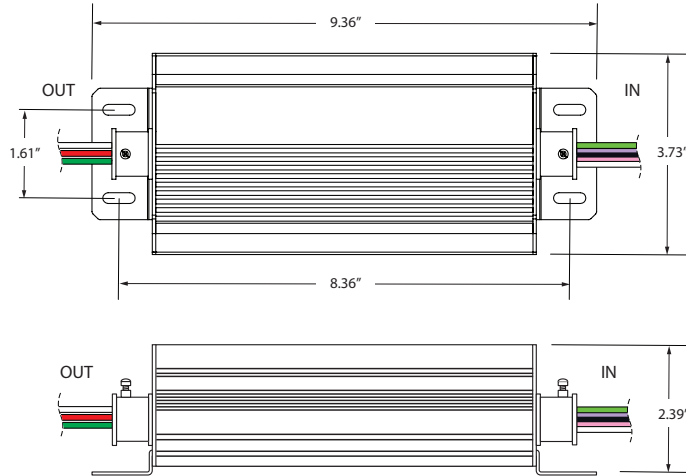
# Control Components



## OVERALL DIMENSIONS (DIMO-10VELV)

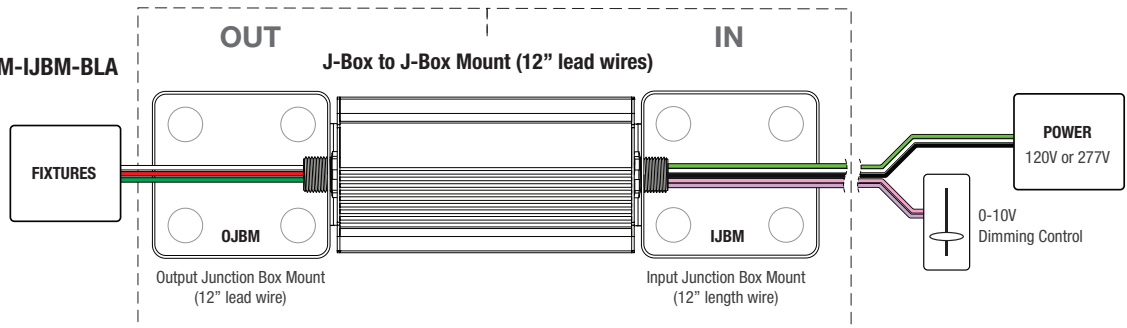
### Use Module Only to Convert ELV to 0-10V Dimming

Converts ELV to 0-10V signal for 0-10V Dimming protocol.

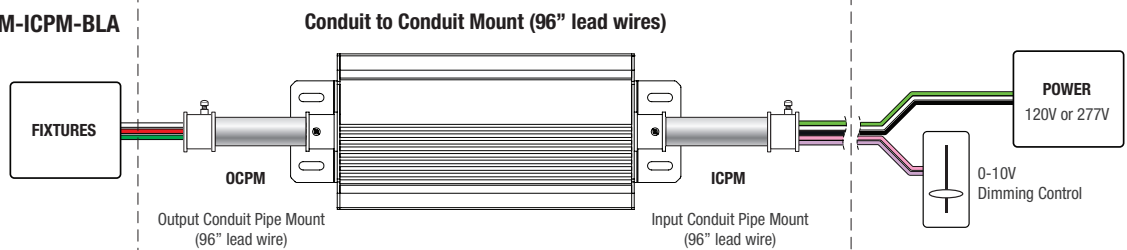


## CONNECTIVITY TYPES (DIMO-10VELV)

### DIMO-10VELV-UNV-OJBM-IJBM-BLA



### DIMO-10VELV-UNV-OCPM-ICPM-BLA



### DIMO-10VELV-UNV-OSCM-IJBM-BLA

