



## Cove Light AC DIM GII

The Cove Light AC DIM GII is a slim profile, AC line powered highly efficient luminaire with a range of power output options. With 120-277V power input and 0-10V dimming, the Cove Light AC DIM GII is the perfect addition to interior hospitality and residential environments.



IP20

### Product Specifications

	2.5W/ft		5W/ft		12W/ft	
<b>Light Source (LEDs)</b>	12	48	12	48	12	48
<b>Color Temperature*</b>	3000K, 3500K, 4000K					
<b>CRI</b>	>80Ra					
<b>SDCM</b>	2					
<b>Beam Angle</b>	120° x 120°					
<b>Luminous Flux<sup>1</sup></b>	245 lm	1048 lm	509 lm	2198 lm	1261 lm	5145 lm
<b>Efficacy<sup>1</sup></b>	105 lm/W	119 lm/W	113 lm/W	115 lm/W	106 lm/W	111 lm/W
<b>Lumen Maintenance</b>	L70 @25°C - 50,000hrs					
<b>Cover Lens</b>	PC cover					
<b>Housing</b>	Aluminium					
<b>Adjustment Options</b>	±90° tilt					
<b>Dimensions (L)</b>	300mm	1200mm	300mm	1200mm	300mm	1200mm
	12"	48"	12"	48"	12"	48"
<b>(W x H)</b>	37mm x 45mm / 1.5" x 1.8"					
<b>Weight</b>	0.4kg / 0.9lbs	1.3kg / 2.9lbs	0.4kg / 0.9lbs	1.3kg / 2.9lbs	0.4kg / 0.9lbs	1.5kg / 3.3lbs
<b>Regulatory Listing &amp; Safety Approval</b>	Electrical Protection Class II, cETLus					
<b>Operating Temperature</b>	-20°C to +50°C / -4°F to +122°F					
<b>Storage Temperature</b>	-40°C to +70°C / -40°F to +158°F					
<b>Environment</b>	Indoor (IP20)					
<b>Humidity</b>	90%, non-condensing					
<b>Electrical Specifications</b>						
<b>Input Voltage<sup>2</sup></b>	120-277V AC 50/60Hz					
<b>Power Consumption</b>	2.5W	9.5W	5W	19W	12W	47W
<b>Power Factor</b>	≥ 0.9 @120V					
<b>System Specifications</b>						
<b>Power</b>	AC line					
<b>Control<sup>3</sup></b>	1-10V dimming, 5%-100%, 0.2mA dimming current					
<b>Power Supply</b>	Built-in					
<b>Fixture Interconnection<sup>4</sup></b>	150ft @120V AC 300ft @277V AC		100ft @120V AC 200ft @277V AC		40ft @120V AC 100ft @277V AC	

\* Options shown are Standard Traxon e:cue North America Cove Light AC Dim GII offering. Non-standard wattages, CCTs, and beam-spreads are available. Consult your Traxon e:cue Business Development Manager or Inside Sales Representative for stock availability and leadtime. Minimum order quantities and extended leadtimes may apply.

- Luminous Flux is respective to color temperature 4000K, see photometrics pages for Luminous Flux from 3000K to 4000K.
- Product is not for use on circuits that contain generators, pumps, motors, or on emergency backup lighting systems.
- Dimming range might be different when working with different dimmers.
- Interconnect WITHOUT dimmer.

**LED CHARACTERISTICS** Because LEDs are semiconductor devices, their performances are subject to inherent variability commonly found in semiconductor industry. To improve consistency in performance across the same product, LED manufacturers "sort" LEDs into bins according to different preset parameters, such as forward driving voltage, illumination, etc. Whereas binning is a sorting function, it is not a correction process. Inherent variability in the manufacturing process results always in different binning distributions according to different production lots. Traxon uses automatically binned LEDs on its products, thereby minimizing output variations within the model range.

As with all electronic devices, LED output degrades over time – a term called lumen depreciation. This also explains why it is nearly impossible to expect photometric performances of two LED products with different service life spans to be the same. The rate of LED degrade is a complicate function of many factors such as operating efficiency, duration of continuous operation, and more significantly, environmental conditions (ambient temperature for example). If allowed working under optimal operating temperature range and with good ventilation, LED devices enjoy long service lives over conventional light sources. When using/installing LED devices, care should be taken to ensure that the devices will operate within the operating conditions specified in respective product literature.

Lumen measurement complies with LM-79-08 standard.

Lumen maintenance is calculated based on LM-80 compliant measurement.

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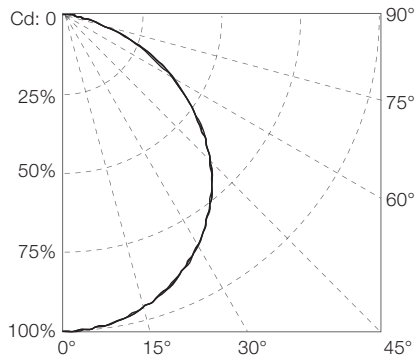
## Cove Light AC DIM GII

## Photometrics

### Source Specifications

LED Source	White LEDs (2.5W/ft)
Beam Angle	120° × 120°
Color Temperature	3000K, 3500K, 4000K

### Candela Distribution

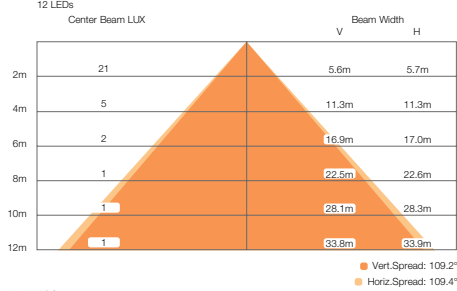


### Light Output

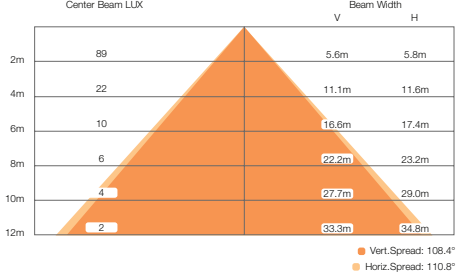
Color Temperature	Luminous Flux (lm)	Candela Distribution @100%	Efficacy (lm/W)
<b>12 LEDs</b>			
3000K	228	84	95
3500K	244	89	101
4000K	245	89	105
<b>48 LEDs</b>			
3000K	975	356	111
3500K	1044	381	119
4000K	1048	383	119

### Illuminance at a Distance

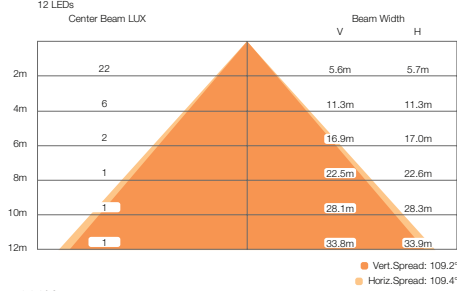
#### 3000K



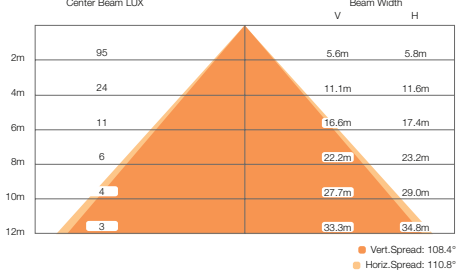
#### 48 LEDs



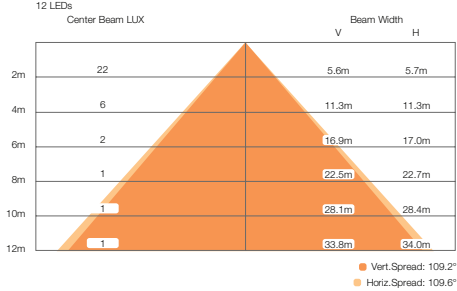
#### 3500K



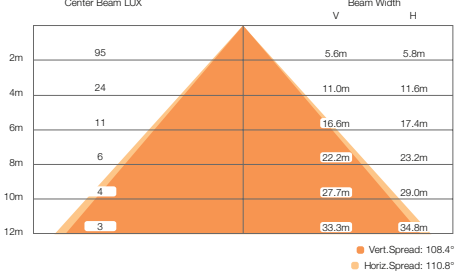
#### 48 LEDs



#### 4000K



#### 48 LEDs



For feet multiply by 3.28

For fc divide by 10.7

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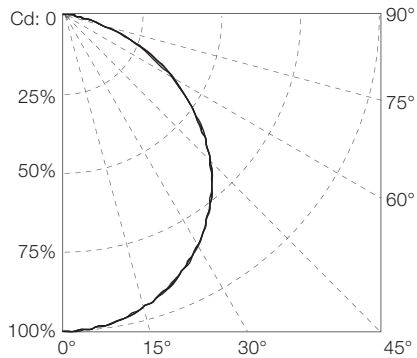
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### Source Specifications

LED Source	White LEDs (5W/ft)
Beam Angle	120° × 120°
Color Temperature	3000K, 3500K, 4000K

### Candela Distribution

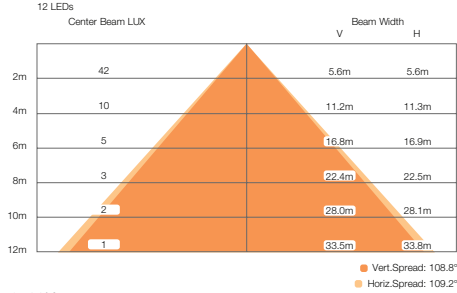


### Light Output

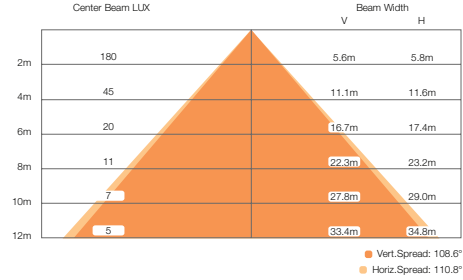
Color Temperature	Luminous Flux (lm)	Candela Distribution @100%	Efficacy (lm/W)
<b>12 LEDs</b>			
3000K	456	168	106
3500K	487	178	110
4000K	509	186	113
<b>48 LEDs</b>			
3000K	1976	723	107
3500K	2109	768	110
4000K	2198	800	115

### Illuminance at a Distance

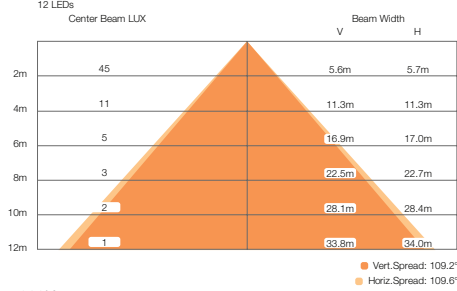
#### 3000K



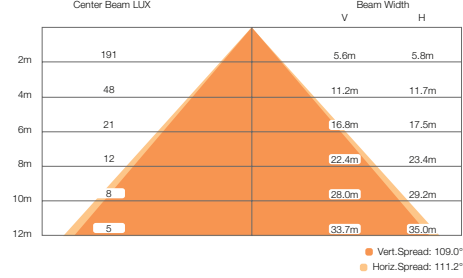
#### 48 LEDs



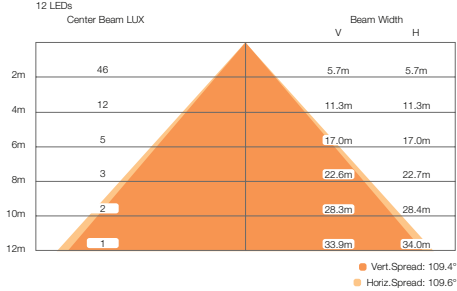
#### 3500K



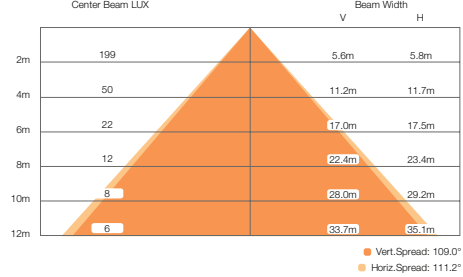
#### 48 LEDs



#### 4000K



#### 48 LEDs



For feet multiply by 3.28

For fc divide by 10.7

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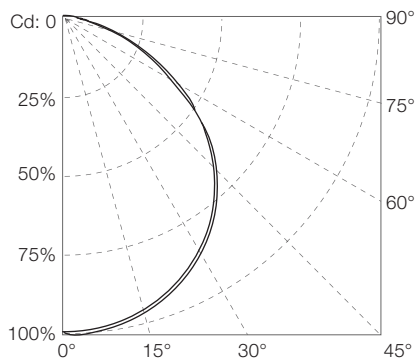
## Cove Light AC DIM GII

## Photometrics

### Source Specifications

LED Source	White LEDs (12W/ft)
Beam Angle	120° × 120°
Color Temperature	3000K, 3500K, 4000K

### Candela Distribution

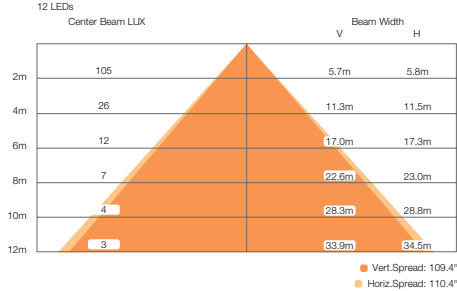


### Light Output

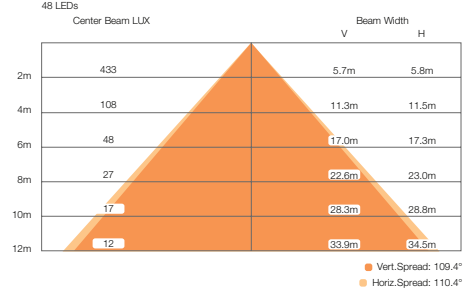
Color Temperature	Luminous Flux (lm)	Candela Distribution @100%	Efficacy (lm/W)
<b>12 LEDs</b>			
3000K	1145	420	97
3500K	1185	433	101
4000K	1261	460	106
<b>48 LEDs</b>			
3000K	4737	1721	103
3500K	4895	1774	107
4000K	5145	1859	111

### Illuminance at a Distance

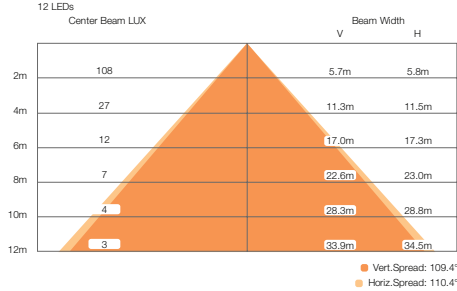
3000K



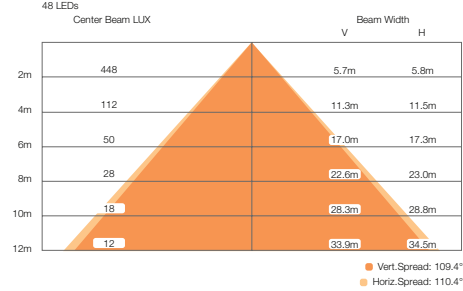
48 LEDs



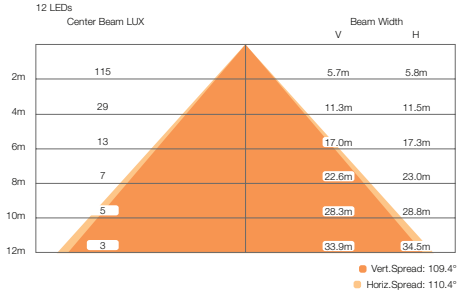
3500K



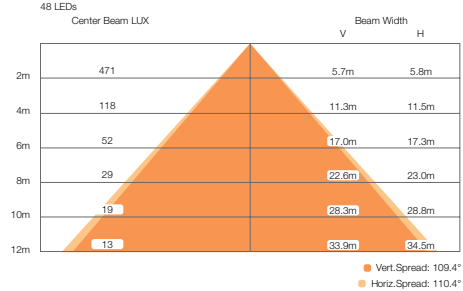
48 LEDs



4000K



48 LEDs



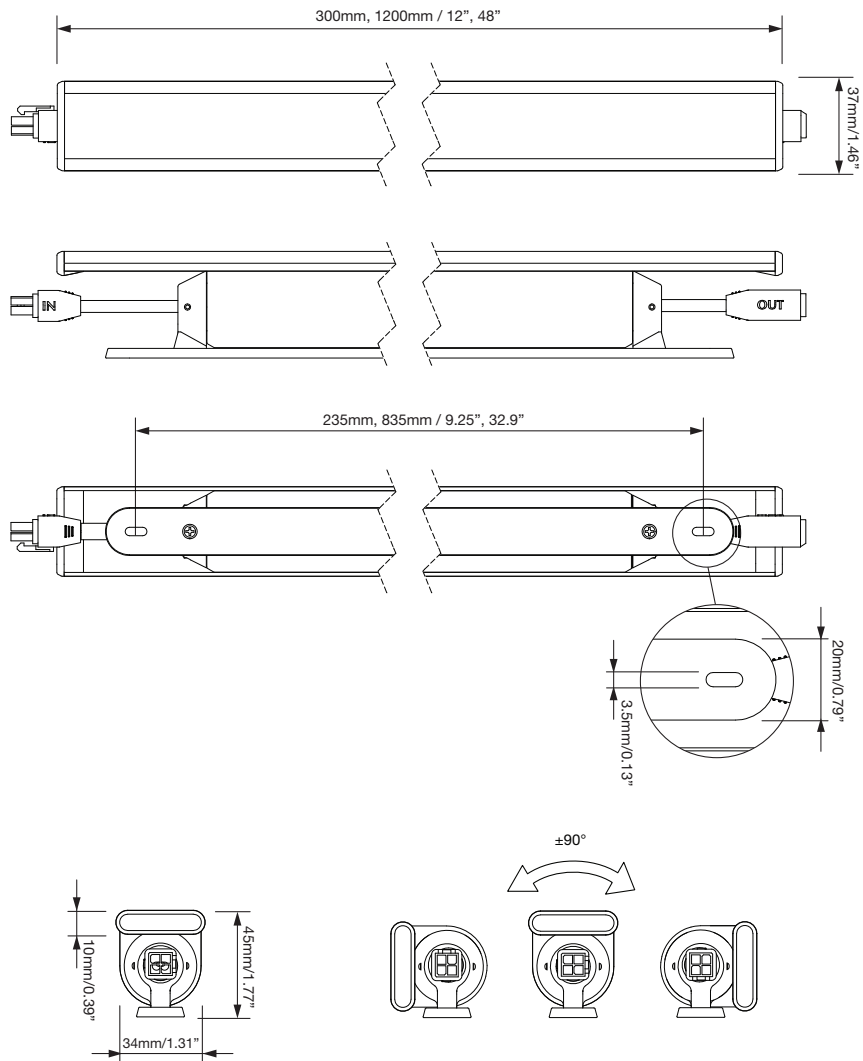
For feet multiply by 3.28

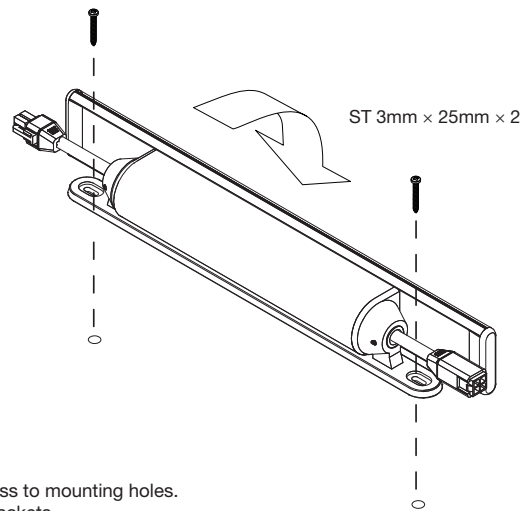
For fc divide by 10.7

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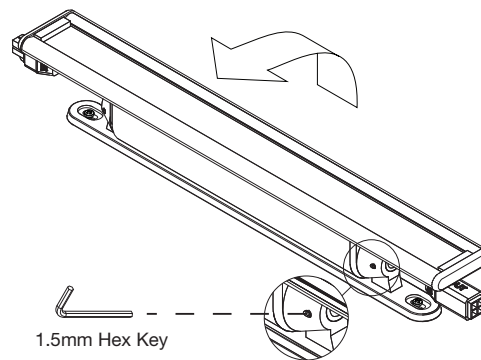
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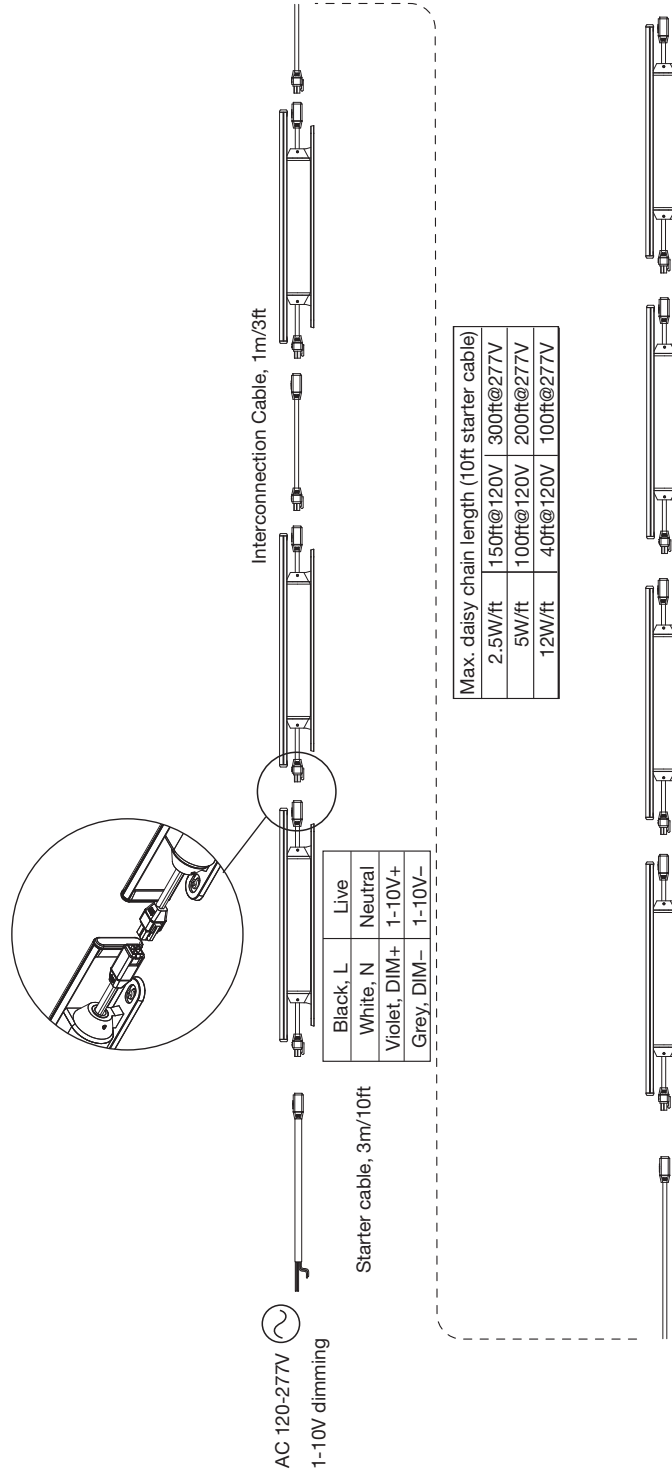


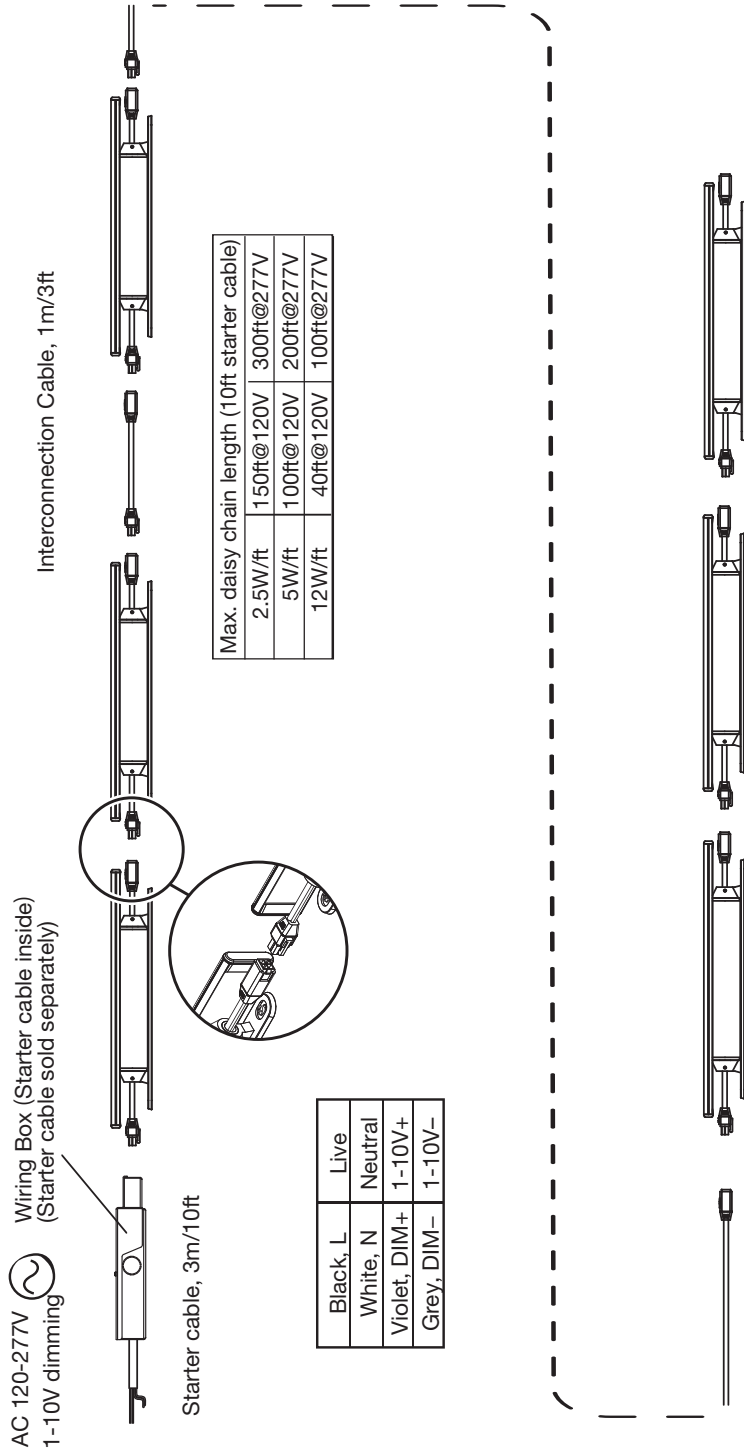


- ① Rotate fixture to gain access to mounting holes. Fix screws to mounting brackets.



- ② Rotate fixture to the intended position for permanent installation and lock unit using hex key. Do not over-tighten.









## Cove Light AC DIM GII

Ordering

### Model Number

MB	CC	N	0	1	NN	0	N
		Length	Dimming	Certification	CCT	Beam Angle	Version
		1: 1ft (12")	0: 1-10V	1: ETL 120V/277V	30: 3000K	0: 120° × 120°	1: 2.5W/ft
		4: 4ft (48")			35: 3500K		2: 5W/ft
					40: 4000K		5: 12W/ft

### Fixtures 120V / 277V 2.5W/ft

Model No.	Description	Item Code
MB.CC.1013001	Cove Light AC DIM GII 2.5W 3000K 120°X120° 120V/277V ETL, 1-10V DIM, 1ft	AM024190055
MB.CC.1013501	Cove Light AC DIM GII 2.5W 3500K 120°X120° 120V/277V ETL, 1-10V DIM, 1ft	AM024200055
MB.CC.1014001	Cove Light AC DIM GII 2.5W 4000K 120°X120° 120V/277V ETL, 1-10V DIM, 1ft	AM024210055
MB.CC.4013001	Cove Light AC DIM GII 9W 3000K 120°X120° 120V/277V ETL, 1-10V DIM, 4ft	AM024290055
MB.CC.4013501	Cove Light AC DIM GII 9W 3500K 120°X120° 120V/277V ETL, 1-10V DIM, 4ft	AM024300055
MB.CC.4014001	Cove Light AC DIM GII 9W 4000K 120°X120° 120V/277V ETL, 1-10V DIM, 4ft	AM024310055

### Fixtures 120V / 277V 5W/ft

Model No.	Description	Item Code
MB.CC.1013002	Cove Light AC DIM GII 5W 3000K 120°X120° 120V/277V ETL, 1-10V DIM, 1ft	AM024240055
MB.CC.1013502	Cove Light AC DIM GII 5W 3500K 120°X120° 120V/277V ETL, 1-10V DIM, 1ft	AM024250055
MB.CC.1014002	Cove Light AC DIM GII 5W 4000K 120°X120° 120V/277V ETL, 1-10V DIM, 1ft	AM024260055
MB.CC.4013002	Cove Light AC DIM GII 19W 3000K 120°X120° 120V/277V ETL, 1-10V DIM, 4ft	AM024030055
MB.CC.4013502	Cove Light AC DIM GII 19W 3500K 120°X120° 120V/277V ETL, 1-10V DIM, 4ft	AM024040055
MB.CC.4014002	Cove Light AC DIM GII 19W 4000K 120°X120° 120V/277V ETL, 1-10V DIM, 4ft	AM024050055

### Fixtures 120V / 277V 12W/ft

Model No.	Description	Item Code
MB.CC.1013005	COVELIGHT AC DIM GII 12W 3000K 120°X120° 120V/277V ETL, 1-10V DIM, 1ft	AM263840055
MB.CC.1013505	COVELIGHT AC DIM GII 12W 3500K 120°X120° 120V/277V ETL, 1-10V DIM, 1ft	AM263850055
MB.CC.1014005	COVELIGHT AC DIM GII 12W 4000K 120°X120° 120V/277V ETL, 1-10V DIM, 1ft	AM263860055
MB.CC.4013005	COVELIGHT AC DIM GII 48W 3000K 120°X120° 120V/277V ETL, 1-10V DIM, 4ft	AM263890055
MB.CC.4013505	COVELIGHT AC DIM GII 48W 3500K 120°X120° 120V/277V ETL, 1-10V DIM, 4ft	AM263900055
MB.CC.4014005	COVELIGHT AC DIM GII 48W 4000K 120°X120° 120V/277V ETL, 1-10V DIM, 4ft	AM263910055

### Accessories

Model No.	Description	Item Code
MB.AC.0501100	Cove Light AC DIM GII Starter Cable 4-wire UL, 3m/9.8ft	AB440080055
MB.AC.0501200	Cove Light AC DIM GII Interconnection Cable 4-wire UL, 1m/3.3ft	AB440110055
N/A	COVE LIGHT AC WIRING BOX (Box only)	AM335500055

### Our Brands



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