

# L235-1CT-M

## INTERIOR

Spotlights | For 1CT track

● Dry location



### Ordering Information

Clear Form

Date : \_\_\_\_\_

Quantity : \_\_\_\_\_

Project : \_\_\_\_\_

Note : \_\_\_\_\_

Type : \_\_\_\_\_

### Specifications

Luminaire | Example Code: L235-1CT-M-12-8-W30H-N-[ ]-2-BA

Product	Canopy <sup>1</sup>	Size	Voltage	Version	CCT & CRI	Beam Angle	Accessories-Holder <sup>2</sup> (optional)	Accessories-Louver <sup>3</sup> (optional)	Stem Length <sup>4</sup>	Finish <sup>5</sup>
L235	1CT	M								
		M medium	12 12V 48 48V	4 4W 8 8W	W27H 2700K 90+ W30H 3000K 90+ W35H 3500K 90+	SS super spot 7° S spot 20° N narrow flood 30° F flood 48°	HLD louver holder	ELB4 eggcrate louver, black anodized	2 2-1/4" (57mm) 3 3-1/4" (83mm) X custom length	<b>Aluminum Finishes:</b> BA black anodized

### System Components (Ordered Separately)

Remote Driver : \_\_\_\_\_

\* Consult MP Lighting Website or Factory.

### Important Notes

#### Specification

- See pg.3 - for different canopy options and its dimensions.
- HLD is required for louvers, Super Spot beam angle, and other accessories supplied on site.
- ELB4 accessory not available with Super Spot beam angle option.
- HLD minimum stem length is 3-1/4" (83 mm). 1" (25mm) increments to maximum of 4' (1219mm).
- Refer to Appendix or MP Lighting website for complete look of luminaire with different finish options.  
Please consult factory for custom finish for shrouds.

#### Warranty Notes & Disclaimer

Malfunction and damage to product due to incompatible dimming system or misuse will not be covered under warranty. Consult MP Lighting for recommended drivers. If the fixture has an option to be installed with a dimming control system, consult a dimming system manufacturer with minimum load before installing. MP Lighting reserves the right, at its sole discretion, at any time and without notice, to make design changes to any of our products. Consult MP Lighting website for most updated documentation.

# L235-M-1CT

## INTERIOR

Spotlights | For 1CT track

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### Performance

Wattage	Forward Current	Power Consumption Budget per fixture (including driver)	LED output (Source)	Fixture Output (Delivered)
4W	350mA	4W	440 lm	81-374.4 lm
8W	700mA	8W	880 lm	141.4-635.7 lm

### Application

Environment	Dry Location approved. IP 20.
Mounting	Mounts to a single circuit track with an adapter (included with fixture).

### Electrical

Electrical	<b>Low Voltage 1 Circuit Track:</b> 96W/48V constant voltage <b>Compatible Drivers 12V:</b> 0-10V, ELV dimmable.   <b>48V:</b> 0-10V, DALI dimmable, Casambi
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### Luminaire Construction

LED Light Source	<b>Colour Consistency:</b> 2-step MacAdam: 2700K, 3000K, 3500K 90+ CRI
Weight	N/A
Material	<b>Fixture:</b> machined marine-grade aluminum
Supplied with	<b>Standard installation housing</b>
Warranty & LED Life	5 years limited warranty Estimated useful life of LED is 50,000 hours.

### Ordered Separately

System Components	<b>Power supplies:</b> remote driver Please consult factory or visit <a href="#">Recommended Drivers</a> for available driver options.
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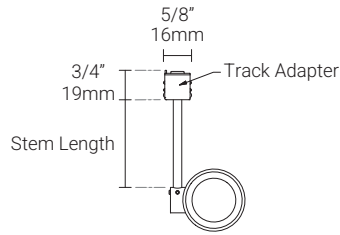
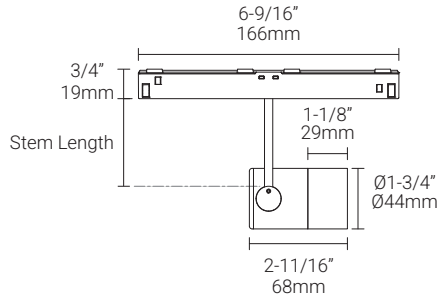
## Mounting Options & Dimensions

### LED Fixture Dimensions

Fixture

Front View

3D View



## Appendix

### Aluminum Finishes



BA black anodized

### Aluminum Finishes with HLD



BA black anodized

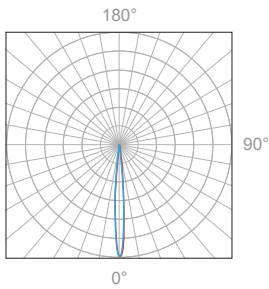
### Accessories



BA black anodized

4W, 3000K, 90+ CRI

Polar Candela Distribution



Beam Width: 7°



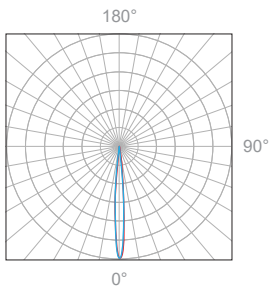
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	265fc	0.4ft	0.12m	0.4ft	0.12m
6.0ft	1.83m	66.3fc	0.8ft	0.24m	0.8ft	0.24m
9.0ft	2.74m	29.5fc	1.2ft	0.36m	1.1ft	0.33m
12.0ft	3.66m	16.6fc	1.6ft	0.48m	1.5ft	0.45m
15.0ft	4.57m	10.6fc	2.0ft	0.61m	1.9ft	0.58m
18.0ft	5.49m	7.36fc	2.4ft	0.73m	2.3ft	0.70m

Delivered Lumen: 81 lm  
 ■ Vertical Beam Spread: 7.6°  
 ■ Horizontal Beam Spread: 7.2°

Tested on 17/11/2025

Polar Candela Distribution



Beam Width: 20°



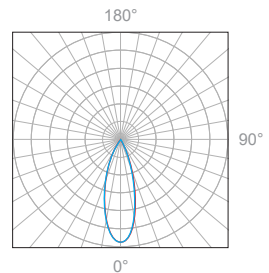
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	171fc	1.2ft	0.36m	1.2ft	0.36m
6.0ft	1.83m	42.7fc	2.4ft	0.73m	2.4ft	0.73m
9.0ft	2.74m	19.0fc	3.5ft	1.06m	3.6ft	1.12m
12.0ft	3.66m	10.7fc	4.7ft	1.43m	4.7ft	1.43m
15.0ft	4.57m	6.84fc	5.9ft	1.79m	5.9ft	1.79m
18.0ft	5.49m	4.75fc	7.1ft	2.16m	7.1ft	2.16m

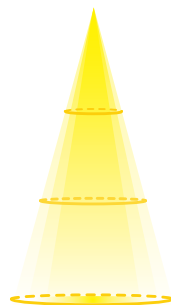
Delivered Lumen: 374.4 lm  
 ■ Vertical Beam Spread: 22.3°  
 ■ Horizontal Beam Spread: 22.3°

Tested on 17/11/2025

Polar Candela Distribution



Beam Width: 30°



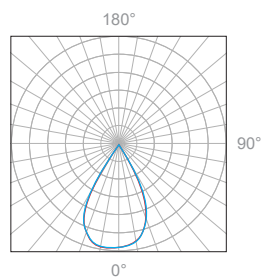
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	118fc	1.6ft	0.48m	1.6ft	0.48m
6.0ft	1.83m	29.5fc	3.2ft	0.97m	3.2ft	0.97m
9.0ft	2.74m	13.1fc	4.8ft	1.46m	4.8ft	1.46m
12.0ft	3.66m	7.38fc	6.4ft	1.95m	6.4ft	1.95m
15.0ft	4.57m	4.72fc	8.1ft	2.46m	8.0ft	2.43m
18.0ft	5.49m	3.28fc	9.7ft	2.95m	9.7ft	2.95m

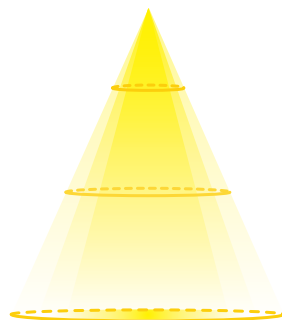
Delivered Lumen: 364.6 lm  
 ■ Vertical Beam Spread: 30.1°  
 ■ Horizontal Beam Spread: 30°

Tested on 17/11/2025

Polar Candela Distribution



Beam Width: 48°



Illuminance at a Distance

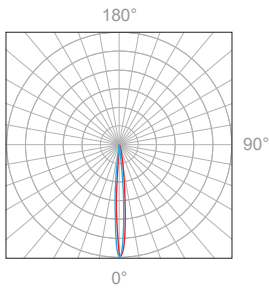
Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	43.9fc	3.0ft	0.91m	2.9ft	0.88m
6.0ft	1.83m	11.0fc	6.0ft	1.82m	5.8ft	1.76m
9.0ft	2.74m	4.88fc	9.0ft	2.74m	8.7ft	2.65m
12.0ft	3.66m	2.75fc	11.9ft	3.62m	11.5ft	3.50m
15.0ft	4.57m	1.76fc	14.9ft	4.54m	14.4ft	4.39m
18.0ft	5.49m	1.22fc	17.9ft	5.45m	17.3ft	5.27m

Delivered Lumen: 313.1 lm  
 ■ Vertical Beam Spread: 52.9°  
 ■ Horizontal Beam Spread: 51.4°

Tested on 17/11/2025

8W, 3000K, 90+ CRI

Polar Candela Distribution



Beam Width: 7°



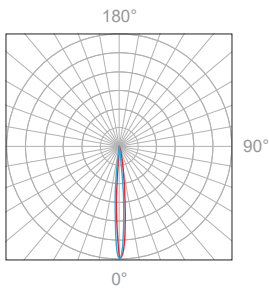
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	463fc	0.4ft	0.12m	0.4ft	0.12m
6.0ft	1.83m	116fc	0.8ft	0.24m	0.7ft	0.21m
9.0ft	2.74m	51.5fc	1.2ft	0.36m	1.1ft	0.33m
12.0ft	3.66m	29.0fc	1.6ft	0.48m	1.5ft	0.45m
15.0ft	4.57m	18.5fc	2.0ft	0.61m	1.9ft	0.58m
18.0ft	5.49m	12.9fc	2.4ft	0.73m	2.2ft	0.67m

Delivered Lumen: 141.4 lm  
 ■ Vertical Beam Spread: 7.7°  
 ■ Horizontal Beam Spread: 7.1°

Tested on 17/11/2025

Polar Candela Distribution



Beam Width: 20°



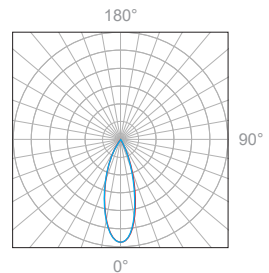
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	294fc	1.2ft	0.36m	1.2ft	0.36m
6.0ft	1.83m	73.4fc	2.4ft	0.73m	2.4ft	0.73m
9.0ft	2.74m	32.6fc	3.6ft	1.12m	3.5ft	1.06m
12.0ft	3.66m	18.4fc	4.8ft	1.46m	4.7ft	1.43m
15.0ft	4.57m	11.7fc	6.0ft	1.82m	5.9ft	1.79m
18.0ft	5.49m	8.16fc	7.2ft	2.19m	7.1ft	2.16m

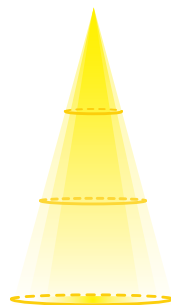
Delivered Lumen: 635.7 lm  
 ■ Vertical Beam Spread: 22.6°  
 ■ Horizontal Beam Spread: 22.2°

Tested on 17/11/2025

Polar Candela Distribution



Beam Width: 30°



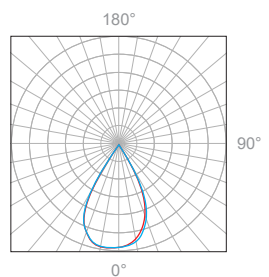
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	200fc	1.6ft	0.48m	1.6ft	0.48m
6.0ft	1.83m	49.9fc	3.2ft	0.97m	3.2ft	0.97m
9.0ft	2.74m	22.2fc	4.8ft	1.46m	4.8ft	1.46m
12.0ft	3.66m	12.5fc	6.4ft	1.95m	6.4ft	1.95m
15.0ft	4.57m	7.98fc	8.0ft	2.43m	8.0ft	2.43m
18.0ft	5.49m	5.54fc	9.6ft	2.92m	9.6ft	2.92m

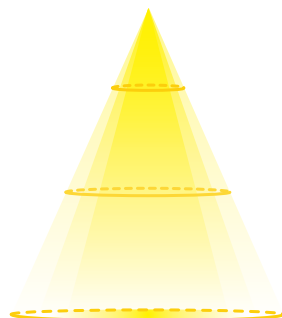
Delivered Lumen: 619.5 lm  
 ■ Vertical Beam Spread: 29.7°  
 ■ Horizontal Beam Spread: 29.8°

Tested on 17/11/2025

Polar Candela Distribution



Beam Width: 48°



Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	74.0fc	3.0ft	0.91m	2.9ft	0.88m
6.0ft	1.83m	18.5fc	6.0ft	1.82m	5.8ft	1.76m
9.0ft	2.74m	8.22fc	9.0ft	2.74m	8.7ft	2.65m
12.0ft	3.66m	4.62fc	11.9ft	3.62m	11.6ft	3.53m
15.0ft	4.57m	2.96fc	14.9ft	4.54m	14.5ft	4.42m
18.0ft	5.49m	2.05fc	17.9ft	5.45m	17.3ft	5.27m

Delivered Lumen: 532.1 lm  
 ■ Vertical Beam Spread: 52.9°  
 ■ Horizontal Beam Spread: 51.4°

Tested on 17/11/2025