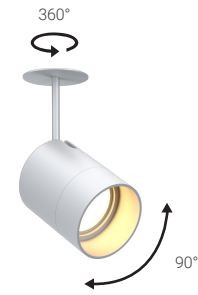


L225C-L

INTERIOR

Spotlight | For ceilings, walls & counters

● Dry location



Shown with CS (Cylinder Shroud)

Ordering Information

Clear Form

Date : _____

Quantity : _____

Project : _____

Note : _____

Type : _____

Specifications

Luminaire | Example Code: L225-C3-L-13-W30H-N-2-MA

Product	Canopy ¹	Size	Version	CCT & CRI	Beam Angle	Accessories-Louver (optional)	Stem Length ³	Finish ⁴
L225	L	13						
C1 C3 C4 C21 C23	L large	13 13W		Standard LED Module: W27H 2700K 90+ W30H 3000K 90+ W35H 3500K 90+ W27V 2700K 97+ W30V 3000K 97+ Custom LED Module: Warm Dim: WD 1800K-3000K 95+	S spot 12° N narrow flood 20° F flood 30° W wide flood 45°	ELB eggcrate louver, black anodized	2 2" (51mm) X custom length	Aluminum Finishes: MA matte clear anodized BA black anodized WH white powder coated

System Components (Ordered Separately)

Remote Driver : _____

* Consult MP Lighting Website or Factory.

Important Notes

Specification

1. See page 3 - for different canopy options and its dimensions.
2. HLD is required for louvers or other accessories supplied on site.
3. 1" (25mm) increments to maximum of 8' (2438mm). Minimum 4" (102mm) stem for C23 canopy.
4. Refer to Appendix or MP Lighting website for complete look of luminaire with different finish options. Please consult factory for custom finish for shrouds.
5. Warm Dim graph on page 4.
6. W35 (3500K) not available with V (97+ CRI) option.

Warranty Notes & Disclaimer

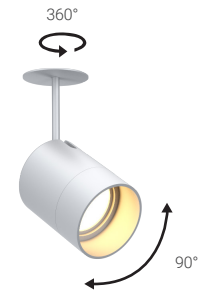
Malfunction and damage to product due to incompatible dimming system or misuse will not be covered under warranty. Consult MP Lighting for recommended drivers. If the fixture has an option to be installed with a dimming control system, consult a dimming system manufacturer with minimum load before installing. 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.

L225C-L

INTERIOR

Spotlight | For ceilings, walls & counters

● Dry location



Shown with CS (Cylinder Shroud)

Performance

LED Module	Wattage	Forward Current	Power Consumption Budget per fixture (including driver)	LED output (Source)	Fixture Output (Delivered)
Standard	13W	350mA	16W	1430 lm	1,046-1,125 lm
Warm Dim	13W	350mA	16W	1430 lm	601-842 lm

Application

Environment: Dry Location approved. IP 20.

Mounting: **C1/C3/C4/C23:** Mounts to a 4" octagonal box using the mounting canopy.
C21: Mounts to a surface with coil spring clips | **Cut-out size:** Ø1-1/2" (38mm).

Electrical

Power Supplies: Remote LED drivers (120-277V AC input, **constant current output**): Fixtures to be wired in series.

Control: **On/off control**
Dimming: ELV or 0-10V dimming with appropriate drivers
Other options (consult factory): TRIAC/MLV, DMX, DALI, Casambi, Power over Ethernet

Luminaire Construction

LED Light Source: **W27H** = CCT: 2700K, CRI (Ra): 90+, Colour Consistency: 2SDCM
W30H = CCT: 3000K, CRI (Ra): 90+, Colour Consistency: 2SDCM
W35H = CCT: 3500K, CRI (Ra): 90+, Colour Consistency: 2SDCM

W27V = CCT: 2700K, CRI (Ra): 97+, Colour Consistency: 2SDCM
W30V = CCT: 3000K, CRI (Ra): 97+, Colour Consistency: 2SDCM

WD (Warm Dim) = CCT: 1800K~3000K, CRI (Ra): 95+

Weight: N/A

Material: **Fixture:** machined marine-grade aluminum

Supplied with: **Standard installation housing:** Comes with a canopy, a universal crossbar, two hex socket head screws, two wire-nuts, and an allen key.

Warranty & LED Life: 5 years limited warranty
 Estimated useful life of LED is 50,000 hours.

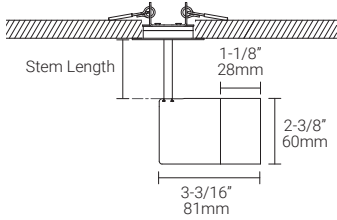
Ordered Separately

System Components: **Power supplies:** remote driver
 Please consult factory or visit [Recommended Drivers](#) for available driver options.

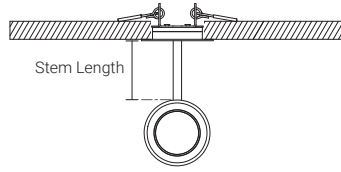
Mounting Options & Dimensions

LED Fixture Dimensions (shown with C21 canopy)

Fixture



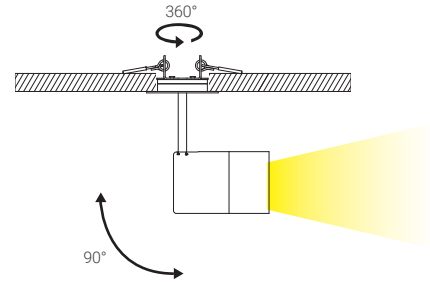
Front View



3D View

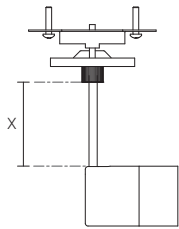


Beam



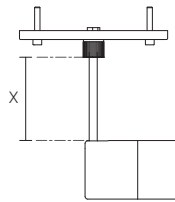
Measurement of Custom Stem Length (X)

C1



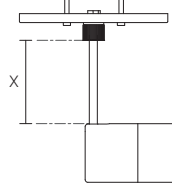
Shortest stem length: 1/2"

C3



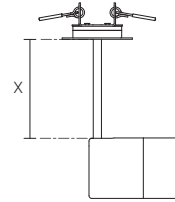
Shortest stem length: 1/2"

C4



Shortest stem length: 1/2"

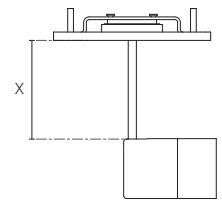
C21



Shortest stem length: 1/2"

* Spotlight can rotate 360° with C21 canopy.

C23



Shortest stem length: 4"

* Spotlight can rotate 360° with C23 canopy.

Mounting Options & Dimensions

C1

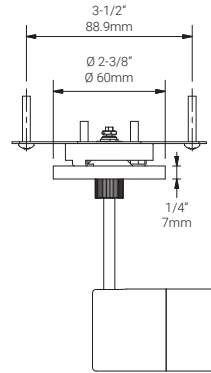
Canopy



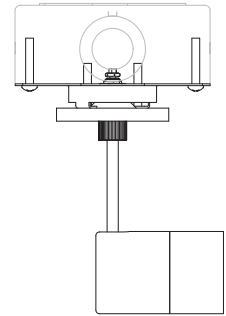
Fixture with Canopy



Dimensions



Shown with J-Box (not included)



C3

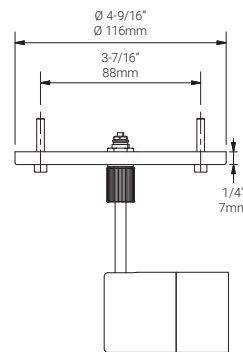
Canopy



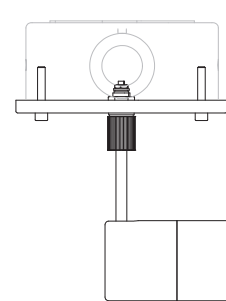
Fixture with Canopy



Dimensions

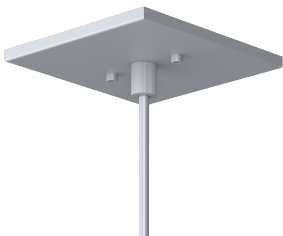


Shown with J-Box (not included)



C4

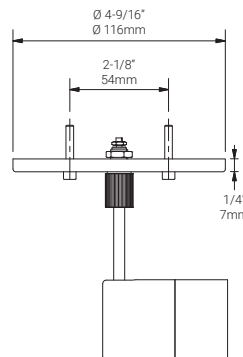
Canopy



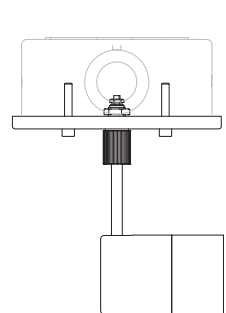
Fixture with Canopy



Dimensions



Shown with J-Box (not included)



Mounting Options & Dimensions

C21

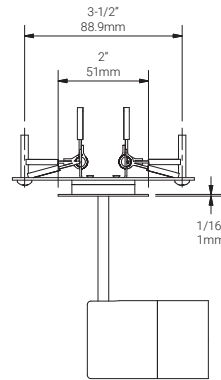
Canopy



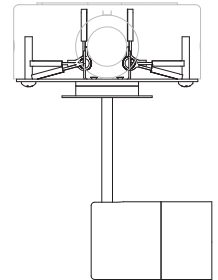
Fixture with Canopy



Dimensions



Shown with J-Box (not included)



* Spotlight can rotate 360° with C21 canopy.

C23

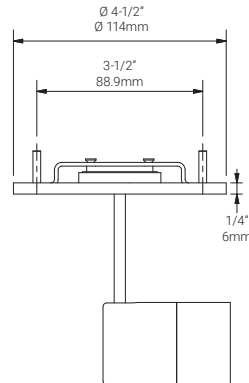
Canopy



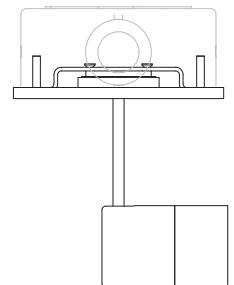
Fixture with Canopy



Dimensions



Shown with J-Box (not included)



* Spotlight can rotate 360° with C23 canopy.

Appendix

Aluminum Finishes with CS

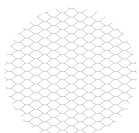


MA matte clear anodized



BA black anodized

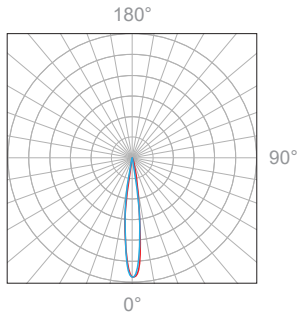
Accessories



ELB eggcrate louver black anodized

13W, 3500K, 90+ CRI

Polar Candela Distribution



Beam Width: 12°



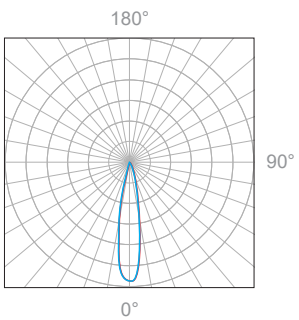
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	955fc	0.9ft	0.27m	0.9ft	0.27m
6.0ft	1.83m	236fc	1.8ft	0.54m	1.8ft	0.54m
9.0ft	2.74m	106fc	2.8ft	0.85m	2.7ft	0.82m
12.0ft	3.66m	59.7fc	3.7ft	1.12m	3.7ft	1.12m
15.0ft	4.57m	38.2fc	4.6ft	1.60m	4.6ft	1.60m
18.0ft	5.49m	26.5fc	5.5ft	1.67m	5.5ft	1.67m

Delivered Lumen: 1,125 lm
 ■ Vertical Beam Spread: 17.4°
 ■ Horizontal Beam Spread: 17.3°

Tested on 07/08/2024

Polar Candela Distribution



Beam Width: 20°



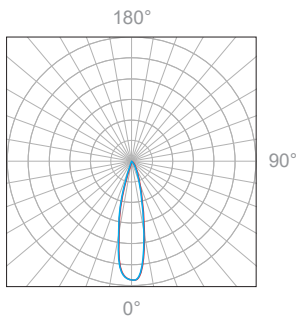
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	899fc	1.0ft	0.30m	1.0ft	0.30m
6.0ft	1.83m	225fc	2.0ft	0.60m	1.9ft	0.57m
9.0ft	2.74m	99.9fc	2.9ft	0.88m	2.9ft	0.88m
12.0ft	3.66m	56.2fc	3.9ft	1.18m	3.9ft	1.18m
15.0ft	4.57m	36.0fc	4.9ft	1.69m	4.8ft	1.66m
18.0ft	5.49m	25.0fc	5.9ft	1.79m	5.8ft	1.76m

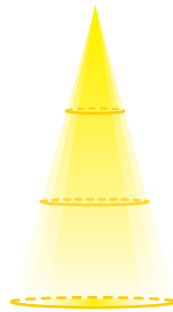
Delivered Lumen: 1,163.7 lm
 ■ Vertical Beam Spread: 18.5°
 ■ Horizontal Beam Spread: 18.3°

Tested on 07/08/2024

Polar Candela Distribution



Beam Width: 30°



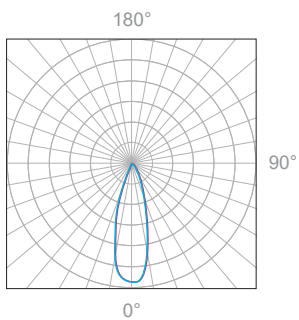
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	482fc	1.4ft	0.42m	1.4ft	0.42m
6.0ft	1.83m	120fc	2.8ft	0.85m	2.8ft	0.85m
9.0ft	2.74m	53.6fc	4.2ft	1.28m	4.2ft	1.28m
12.0ft	3.66m	30.1fc	5.6ft	1.70m	5.6ft	1.70m
15.0ft	4.57m	19.3fc	7.0ft	2.13m	7.1ft	2.16m
18.0ft	5.49m	13.4fc	8.5ft	2.59m	8.5ft	2.59m

Delivered Lumen: 1,118.4 lm
 ■ Vertical Beam Spread: 26.4°
 ■ Horizontal Beam Spread: 26.5°

Tested on 07/08/2024

Polar Candela Distribution



Beam Width: 45°



Illuminance at a Distance

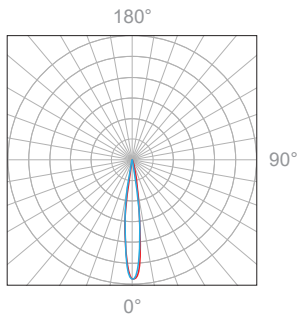
Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	230fc	2.2ft	0.67m	2.2ft	0.67m
6.0ft	1.83m	57.5fc	4.5ft	1.37m	4.4ft	1.34m
9.0ft	2.74m	25.6fc	6.7ft	2.04m	6.7ft	2.04m
12.0ft	3.66m	14.4fc	8.9ft	2.71m	8.9ft	2.71m
15.0ft	4.57m	9.20fc	11.1ft	3.38m	11.1ft	3.38m
18.0ft	5.49m	6.39fc	13.4ft	4.08m	13.3ft	4.05m

Delivered Lumen: 1,046.1 lm
 ■ Vertical Beam Spread: 40.7°
 ■ Horizontal Beam Spread: 40.6°

Tested on 07/08/2024

13W, 3000K, 90+ CRI

Polar Candela Distribution



Beam Width: 12°



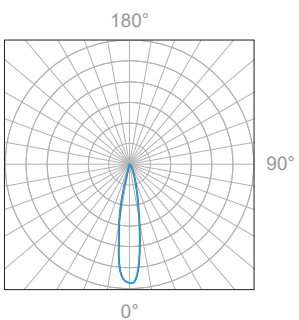
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	920fc	1.0ft	0.30m	1.0ft	0.30m
6.0ft	1.83m	230fc	1.9ft	0.58m	1.9ft	0.58m
9.0ft	2.74m	102fc	2.9ft	0.88m	2.9ft	0.88m
12.0ft	3.66m	57.5fc	3.9ft	1.18m	3.8ft	1.15m
15.0ft	4.57m	36.8fc	4.9ft	1.49m	4.8ft	1.46m
18.0ft	5.49m	25.6fc	5.8ft	1.76m	5.7ft	1.73m

Delivered Lumen: 1,139.7 lm
 ■ Vertical Beam Spread: 18.4°
 ■ Horizontal Beam Spread: 18.1°

Tested on 09/03/2024

Polar Candela Distribution



Beam Width: 20°



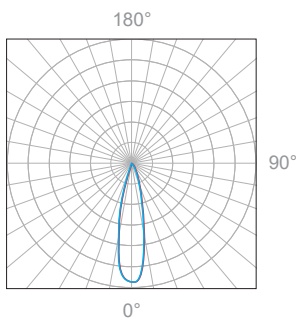
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	829fc	1.0ft	0.30m	1.0ft	0.30m
6.0ft	1.83m	207fc	2.0ft	0.60m	2.0ft	0.60m
9.0ft	2.74m	92.1fc	3.0ft	0.91m	3.0ft	0.91m
12.0ft	3.66m	51.8fc	4.0ft	1.22m	4.0ft	1.22m
15.0ft	4.57m	33.1fc	5.1ft	1.55m	5.0ft	1.52m
18.0ft	5.49m	23.0fc	6.1ft	1.86m	6.1ft	1.86m

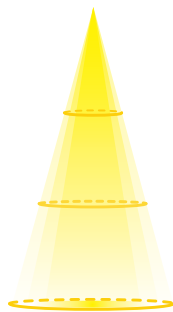
Delivered Lumen: 1,127.0 lm
 ■ Vertical Beam Spread: 19.2°
 ■ Horizontal Beam Spread: 19.1°

Tested on 09/03/2024

Polar Candela Distribution



Beam Width: 30°



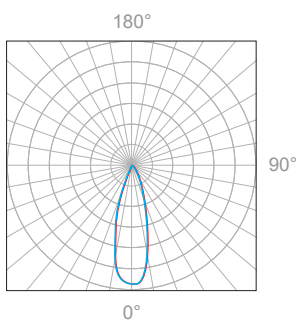
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	455fc	1.4ft	0.42m	1.4ft	0.42m
6.0ft	1.83m	114fc	2.8ft	0.85m	2.8ft	0.85m
9.0ft	2.74m	50.6fc	4.3ft	1.31m	4.2ft	1.28m
12.0ft	3.66m	28.4fc	5.7ft	1.73m	5.7ft	1.73m
15.0ft	4.57m	18.2fc	7.1ft	2.16m	7.1ft	2.16m
18.0ft	5.49m	12.6fc	8.5ft	2.59m	8.5ft	2.59m

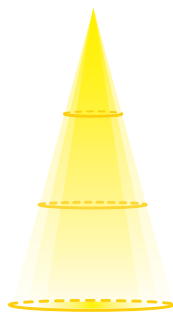
Delivered Lumen: 1,078.1 lm
 ■ Vertical Beam Spread: 26.7°
 ■ Horizontal Beam Spread: 26.5°

Tested on 09/03/2024

Polar Candela Distribution



Beam Width: 45°



Illuminance at a Distance

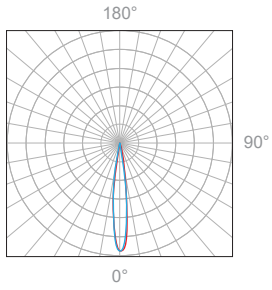
Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	194fc	2.4ft	0.73m	2.4ft	0.63m
6.0ft	1.83m	48.4fc	4.7ft	1.43m	4.8ft	1.46m
9.0ft	2.74m	21.5fc	7.1ft	2.16m	7.1ft	2.16m
12.0ft	3.66m	12.1fc	9.4ft	2.86m	9.5ft	2.89m
15.0ft	4.57m	7.75fc	11.8ft	3.38m	11.9ft	3.38m
18.0ft	5.49m	5.38fc	14.1ft	4.29m	14.3ft	4.35m

Delivered Lumen: 984.2 lm
 ■ Vertical Beam Spread: 42.9°
 ■ Horizontal Beam Spread: 43.3°

Tested on 09/03/2024

13W, Warm Dim (with film), 90+ CRI

Polar Candela Distribution



Beam Width: 12°

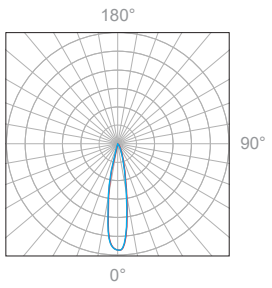


Illuminance at a Distance

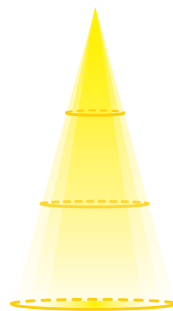
Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	188fc	1.4ft	0.42m	1.3ft	0.39m
6.0ft	1.83m	46.9fc	2.7ft	0.82m	2.7ft	0.82m
9.0ft	2.74m	20.9fc	4.1ft	1.25m	4.0ft	1.22m
12.0ft	3.66m	11.7fc	5.4ft	1.64m	5.4ft	1.64m
15.0ft	4.57m	7.51fc	6.8ft	2.07m	6.7ft	2.04m
18.0ft	5.49m	5.22fc	8.2ft	2.50m	8.1ft	2.46m

Delivered Lumen: 628.1 lm
 ■ Vertical Beam Spread: 25.6°
 ■ Horizontal Beam Spread: 25.2°

Polar Candela Distribution



Beam Width: 30°



Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	114fc	2.0ft	0.61m	1.9ft	0.58m
6.0ft	1.83m	28.5fc	3.9ft	1.18m	3.9ft	1.18m
9.0ft	2.74m	12.7fc	5.9ft	1.79m	5.8ft	1.75m
12.0ft	3.66m	7.13fc	7.8ft	2.37m	7.7ft	2.34m
15.0ft	4.57m	4.57fc	9.8ft	2.98m	9.7ft	2.95m
18.0ft	5.49m	3.17fc	11.7ft	3.56m	11.6ft	3.53m

Delivered Lumen: 601.6 lm
 ■ Vertical Beam Spread: 36°
 ■ Horizontal Beam Spread: 35.7°