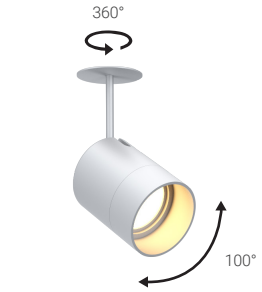
[MP LIGHTING]

L225C-L

INTERIOR

Spotlight | For ceilings, walls & counters

- Dry location



Shown with CS (Cylinder Shroud)

Ordering Information

Clear Form

Date : _____

Project : _____

Type : _____

Quantity : _____

Note : _____

Specifications

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

Product	Canopy [1]	Size	Version	CCT & CRI	Beam Angle	Accessories-Louver (optional) [2]	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:*** [5] **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 3' (914mm). 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.*

Warranty Notes & Disclaimer

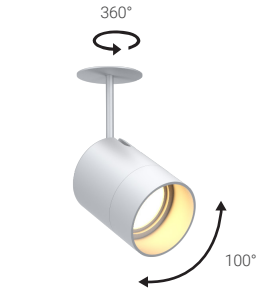
Malfunction and damage to product due to incompatible dimming system or misuse will not be covered under warranty. Consult MP Lighting for recommended drivers. If the fixture has an option to be installed with a dimming control system, consult a dimming system manufacturer with minimum load before installing. 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	984.2-1139.7 lm
Warm Dim	13W	350mA	16W	1430 lm	534.4-623.8 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

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	0.77lbs (0.35kg)
Material	Machined marine-grade aluminum
Supplied with	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.

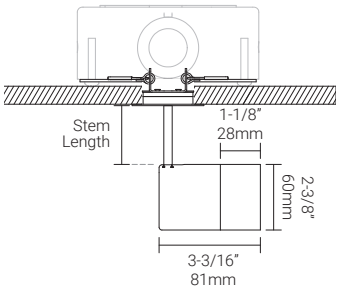
Ordered Separately

System Components	**Power supplies:** remote driver Please consult factory or visit Recommended Drivers for available driver options.

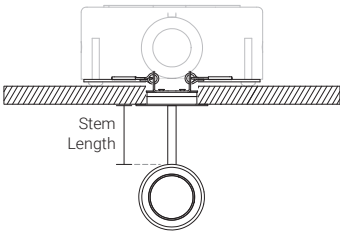
Mounting Options & Dimensions

LED Fixture Dimensions | shown with CS (cylinder shroud), C21 canopy, third-party J-Box, and recommended plate (PLT-C21, ordered separately)

Fixture

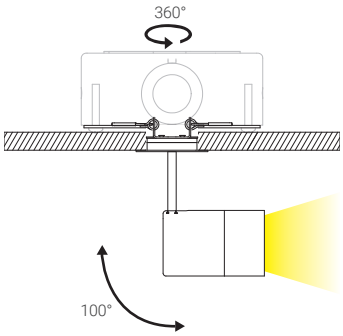


Front View



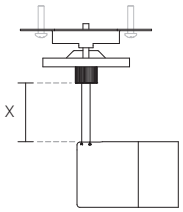
3D View

Beam



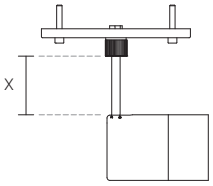
Measurement of Custom Stem Length (X)

C1



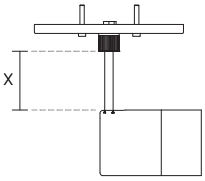
Shortest stem length: 1/2"

C3



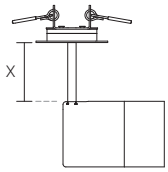
Shortest stem length: 1/2"

C4



Shortest stem length: 1/2"

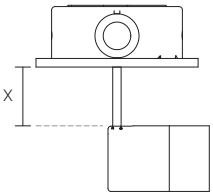
C21



Shortest stem length: 1/2"

* Spotlight can rotate 360° with C21 canopy.

C23

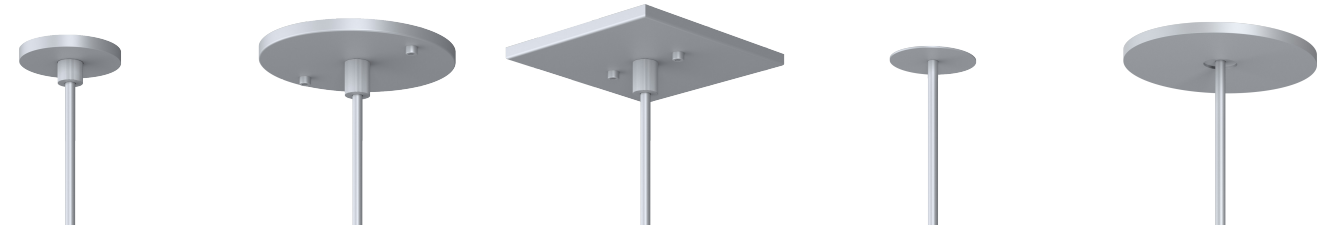


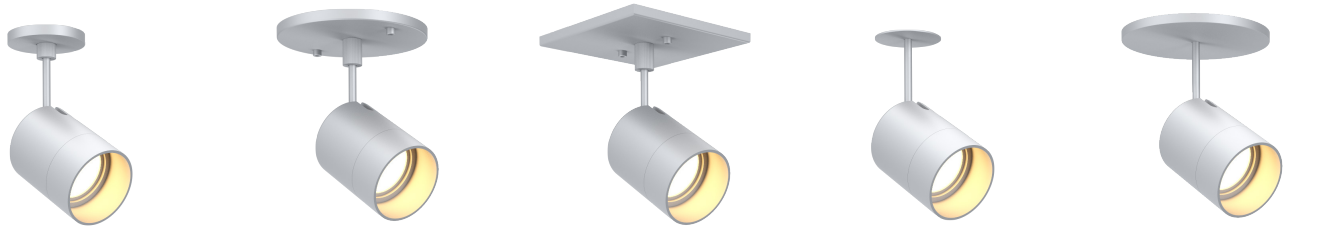
Shortest stem length: 4"

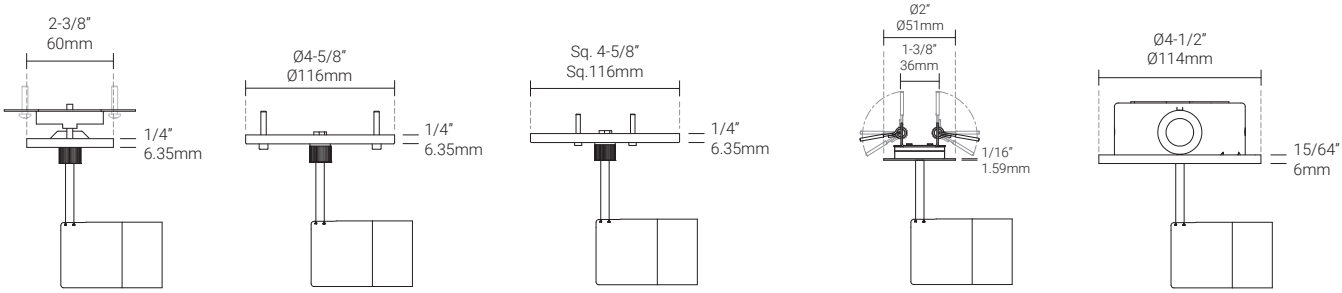
* Spotlight can rotate 360° with C23 canopy.

Mounting Options & Dimensions

C1 C3 C4 C21 C23







Appendix

Aluminum Finishes with CS

MA matte clear anodized

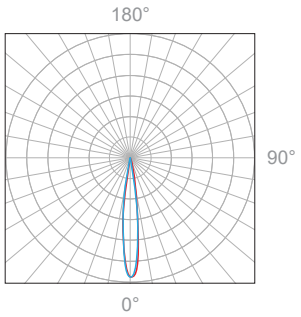
BA black anodized

Accessories

ELB eggcrate louver black anodized

13W, 3000K, 90+ CRI

Polar Candela Distribution



Beam Width: 12°

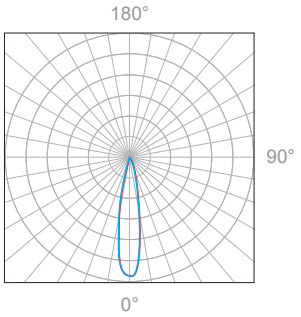
Illuminance at a Distance

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 17/12/2024

Polar Candela Distribution



Beam Width: 20°

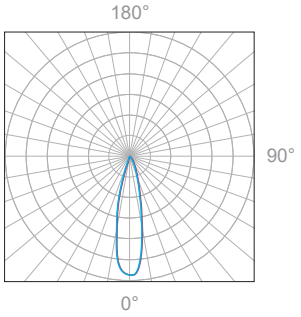
Illuminance at a Distance

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	0.61m	2.0ft	0.61m
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

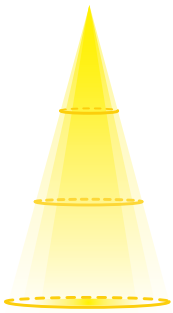
Delivered Lumen: 1,127 lm
Vertical Beam Spread: 19.2°
Horizontal Beam Spread: 19.1°

Tested on 17/12/2024

Polar Candela Distribution



Beam Width: 30°



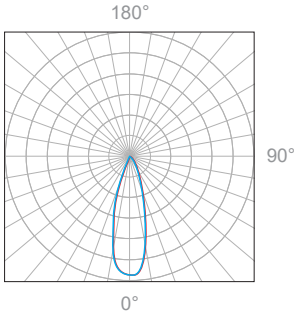
Illuminance at a Distance

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

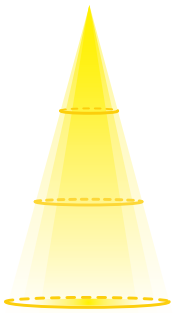
Delivered Lumen: 1,078.1 lm
Vertical Beam Spread: 26.7°
Horizontal Beam Spread: 26.5°

Tested on 17/12/2024

Polar Candela Distribution



Beam Width: 45°



Illuminance at a Distance

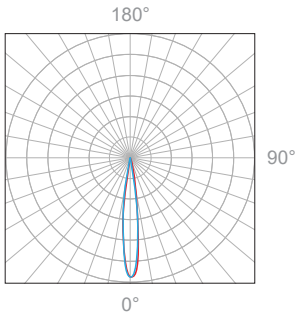
Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	194fc	2.4ft	0.73m	2.4ft	0.73m
6.0ft	1.83m	48.4fc	4.7ft	1.43m	4.8ft	1.46m
9.0ft	2.74m	21.5fc	7.1ft	2.16m	7.1ft	2.16m
12.0ft	3.66m	12.1fc	9.4ft	2.86m	9.5ft	2.89m
15.0ft	4.57m	7.75fc	11.8ft	3.59m	11.9ft	3.62m
18.0ft	5.49m	5.38fc	14.1ft	4.29m	14.3ft	4.35m

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

Tested on 17/12/2024

13W, Warm Dim

Polar Candela Distribution



Beam Width: 12°

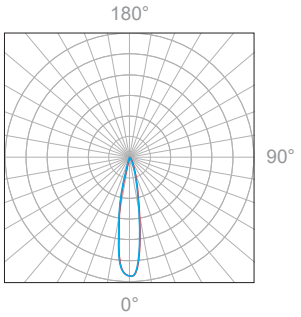
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	417fc	1.1ft	0.33m	1.1ft	0.33m
6.0ft	1.83m	104fc	2.1ft	0.64m	2.1ft	0.64m
9.0ft	2.74m	46.3fc	3.2ft	0.97m	3.2ft	0.97m
12.0ft	3.66m	26.0fc	4.3ft	1.31m	4.3ft	1.31m
15.0ft	4.57m	16.7fc	5.3ft	1.61m	5.4ft	1.64m
18.0ft	5.49m	11.6fc	6.4ft	1.95m	6.4ft	1.95m

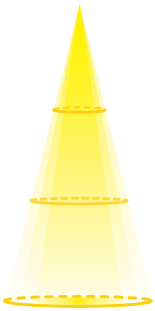
Delivered Lumen: 623.8 lm
Vertical Beam Spread: 20.2°
Horizontal Beam Spread: 20.3°

Tested on 27/05/2025

Polar Candela Distribution



Beam Width: 20°



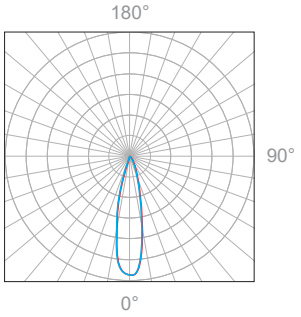
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	358fc	1.1ft	0.33m	1.1ft	0.33m
6.0ft	1.83m	89.5fc	2.3ft	0.70m	2.2ft	0.67m
9.0ft	2.74m	39.8fc	3.4ft	1.03m	3.4ft	1.03m
12.0ft	3.66m	22.4fc	4.5ft	1.37m	4.5ft	1.37m
15.0ft	4.57m	14.3fc	5.6ft	1.70m	5.6ft	1.70m
18.0ft	5.49m	9.94fc	6.8ft	2.07m	6.7ft	2.04m

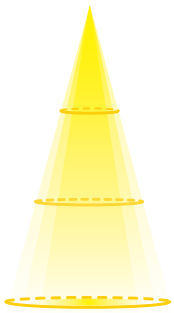
Delivered Lumen: 607.6 lm
Vertical Beam Spread: 21.2°
Horizontal Beam Spread: 21.1°

Tested on 27/05/2025

Polar Candela Distribution



Beam Width: 30°



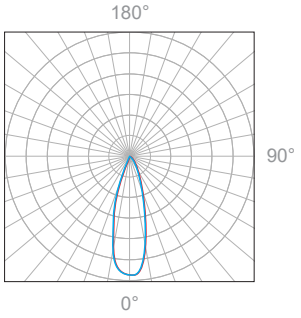
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	228fc	1.5ft	0.45m	1.5ft	0.45m
6.0ft	1.83m	57.1fc	2.9ft	0.88m	2.9ft	0.88m
9.0ft	2.74m	25.4fc	4.4ft	1.34m	4.4ft	1.34m
12.0ft	3.66m	14.3fc	5.9ft	1.79m	5.8ft	1.76m
15.0ft	4.57m	9.14fc	7.3ft	2.22m	7.3ft	2.22m
18.0ft	5.49m	6.35fc	8.8ft	2.68m	8.8ft	2.68m

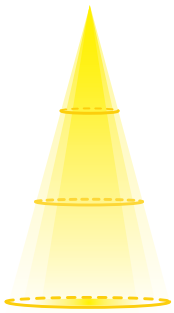
Delivered Lumen: 596.8 lm
Vertical Beam Spread: 27.4°
Horizontal Beam Spread: 27.4°

Tested on 27/05/2025

Polar Candela Distribution



Beam Width: 45°



Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	79.7fc	2.8ft	0.85m	2.8ft	0.85m
6.0ft	1.83m	19.9fc	5.6ft	1.70m	5.6ft	1.70m
9.0ft	2.74m	8.85fc	8.4ft	2.56m	8.4ft	2.56m
12.0ft	3.66m	4.98fc	11.3ft	3.44m	11.2ft	3.41m
15.0ft	4.57m	3.29fc	14.1ft	4.29m	14.0ft	4.26m
18.0ft	5.49m	2.21fc	16.9ft	5.15m	16.8ft	5.12m

Delivered Lumen: 534.4 lm
Vertical Beam Spread: 50.2°
Horizontal Beam Spread: 50.2°

Tested on 27/05/2025