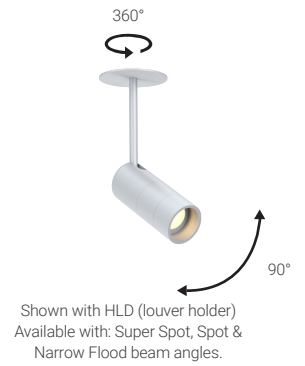
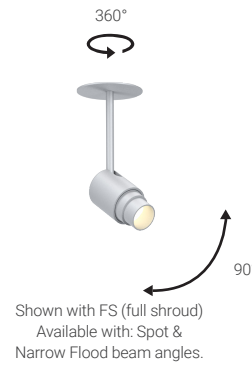
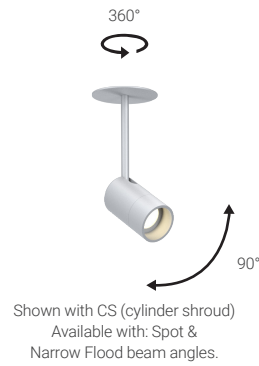


# L225C-S

**INTERIOR**  
Spotlight | For ceilings, walls

● Dry location



## Ordering Information

Clear Form

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

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

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

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

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

## Specifications

**Luminaire** | Example Code: L225-C3-N-2-W30H-N-CS-2-MA

Product	Canopy <sup>1</sup>	Size	Version	CCT & CRI <sup>2</sup>	Beam Angle	Accessories-Holder <sup>3</sup> (optional)	Shroud	Stem Length <sup>4</sup>	Finish <sup>5</sup>
<b>L225</b>		<b>S</b>							
C1		S small	1 1W	<b>W22S</b> 2200K 80+	<b>SS</b> super spot 7°	<b>HLD</b> louver holder	<b>FS</b> full shroud	2 2" (51mm)	<b>Aluminum Finishes:</b> <b>MA</b> matte clear anodized <b>BA</b> black anodized <b>WH</b> white powder coat
C3		2 2W	<b>W27H</b> 2700K 90+	<b>S</b> spot 12°	<b>CS</b> cylinder shroud		X custom length		
C4			<b>W30H</b> 3000K 90+	<b>N</b> narrow flood 30°					
C21			<b>W35H</b> 3500K 90+	<b>F</b> flood 45°					
C23			<b>W41H</b> 4100K 90+						

## 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.
- Refer to pg.2 - Electrical for Colour Consistency details.
- HLD is required for SS (super spot, 7°) lens, louver, or other accessories supplied on site.
- Maximum: 8' (2438mm), 1" (25mm) increments. Minimum 4" (102mm) stem for C23 canopy.
- Refer to Appendix or MP Lighting website for complete look of luminaire with different finish options. Please consult factory for custom finish for shrouds. WH not available with Super Spot beam angle.

### Warranty Notes & Disclaimer

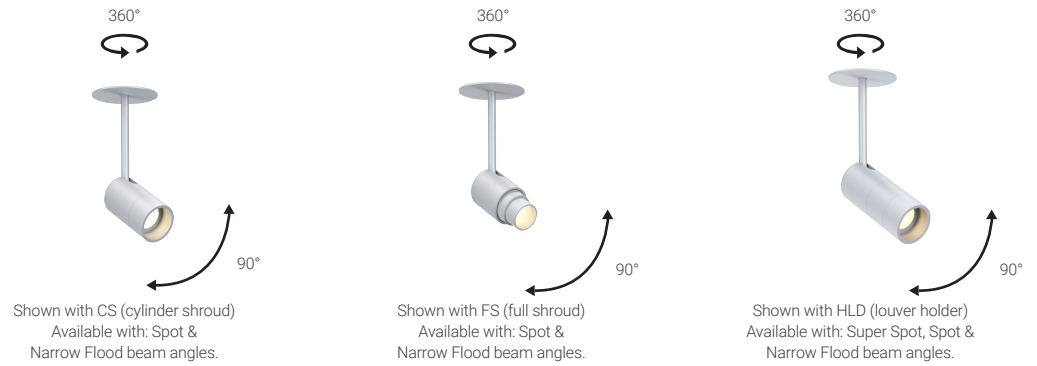
Malfunction and damage to product due to incompatible dimming system or misuse will not be covered under warranty. Consult MP Lighting for recommended drivers. If the fixture has an option to be installed with a dimming control system, consult a dimming system manufacturer with minimum load before installing.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

## INTERIOR

Spotlight | For ceilings, walls

● Dry location



### Performance

Wattage	Forward Current	Power Consumption Budget per fixture (including driver)	LED output (Source)	Fixture Output (Delivered)
1W	350mA	1.2W	110 lm	65-75 lm
2W	700mA	2.9W	220 lm	129-149 lm

### Application

Environment	Dry Location approved. IP 20.
Mounting	<b>C1/C3/C4/C23:</b> Mounts to a 4" octagonal box using the mounting canopy <b>C21:</b> Mounts to a surface with coil spring clips   <b>Cut-out size:</b> Ø1-1/2" (38mm)

### Electrical

Power Supplies	Remote LED drivers (120-277V AC input, <b>constant current output</b> ): Fixtures to be wired in series.
Control	<b>On/off control</b> <b>Dimming:</b> ELV or 0-10V dimming with appropriate drivers <b>Other options (consult factory):</b> TRIAC/MLV, DMX, DALI, Casambi, Power over Ethernet

### Luminaire Construction

LED Light Source	<b>W22S</b> = CCT: 2200K, CRI (Ra): 80+, Colour Consistency: 3SDCM <b>W27H</b> = CCT: 2700K, CRI (Ra): 90+, Colour Consistency: 2SDCM <b>W30H</b> = CCT: 3000K, CRI (Ra): 90+, Colour Consistency: 2SDCM <b>W35H</b> = CCT: 3500K, CRI (Ra): 90+, Colour Consistency: 2SDCM <b>W41H</b> = CCT: 4100K, CRI (Ra): 90+, Colour Consistency: 3SDCM
Weight	N/A
Material	<b>Fixture:</b> machined marine-grade aluminum
Supplied with	<b>Standard installation housing:</b> Comes with a canopy, a universal crossbar, two hex socket head screws, two wire-nuts, and an allen key OR C21 with two wire connectors.
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

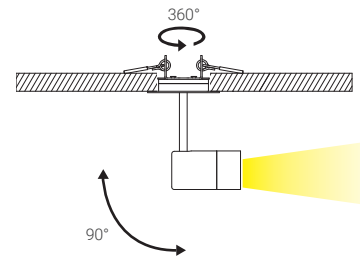
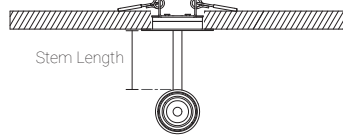
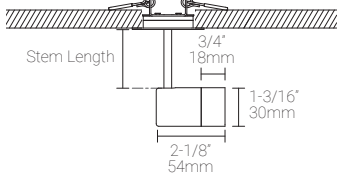
LED Fixture Dimensions (shown with Cylinder Shroud & C21 canopy)

Fixture

Front View

3D View

Beam



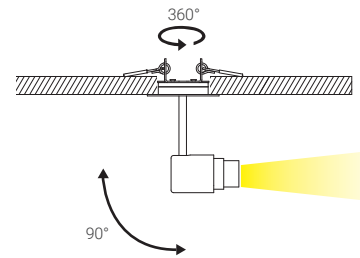
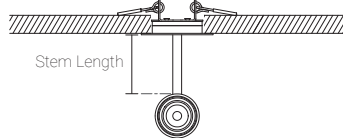
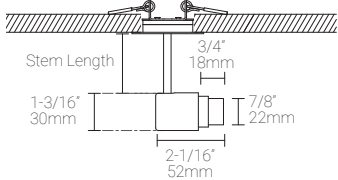
LED Fixture Dimensions (shown with Full Shroud & C21 canopy)

Fixture

Front View

3D View

Beam



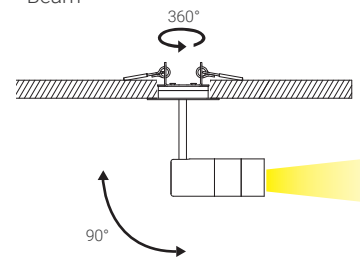
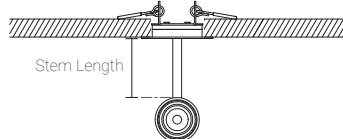
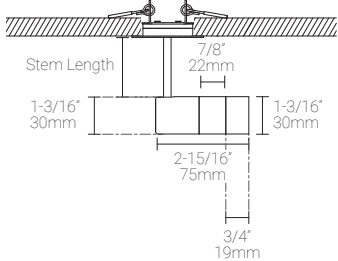
LED Fixture Dimensions (shown with HLD & C21 canopy)

Fixture

Front View

3D View

Beam



Measurement of Custom Stem Length (X)

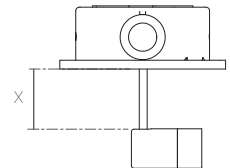
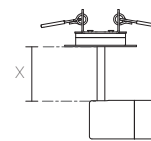
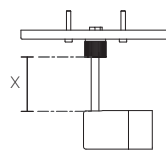
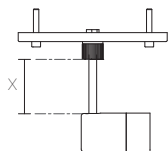
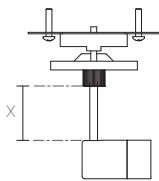
C1

C3

C4

C21

C23



\* Spotlight can rotate 360° with C21 canopy.

\* Spotlight can rotate 360° with C23 canopy.

Mounting Options & Dimensions

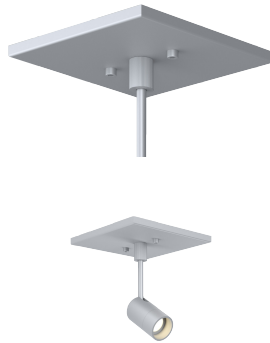
C1



C3



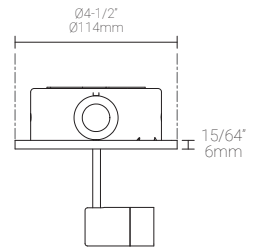
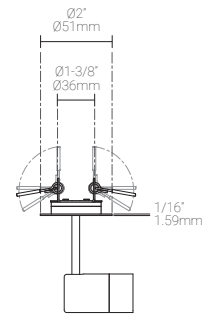
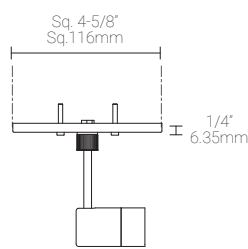
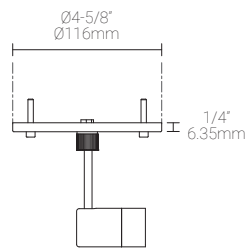
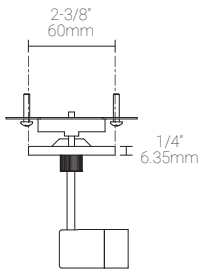
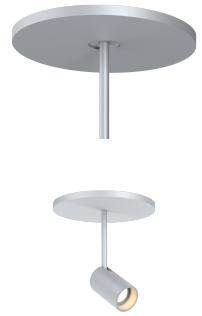
C4



C21



C23



Appendix

Aluminum Finishes



MA matte clear anodized



BA black anodized



WH white powder coat

Accessories | Louver holder



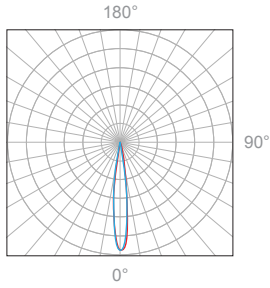
MA matte clear anodized



BA black anodized

1W, 3000K, 90+ CRI

**Polar Candela Distribution**



**Beam Width: 12°**

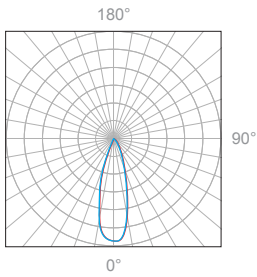


**Illuminance at a Distance**

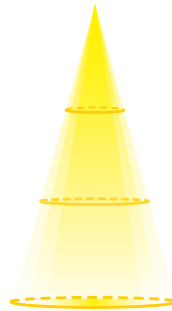
Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	50.3fc	1.0ft	0.30m	1.0ft	0.30m
6.0ft	1.83m	12.6fc	2.1ft	0.64m	2.1ft	0.64m
9.0ft	2.74m	5.5fc	3.1ft	0.94m	3.1ft	0.94m
12.0ft	3.66m	3.1fc	4.1ft	1.25m	4.1ft	1.25m
15.0ft	4.57m	2.0fc	5.2ft	1.58m	5.2ft	1.58m
18.0ft	5.49m	1.4fc	6.2ft	1.89m	6.2ft	1.89m

Delivered Lumen: 65 lm  
 ■ Vertical Beam Spread: 19.5°  
 ■ Horizontal Beam Spread: 19.5°

**Polar Candela Distribution**



**Beam Width: 30°**

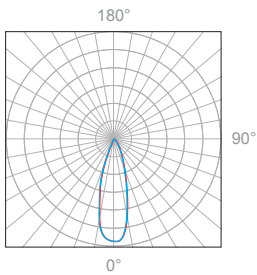


**Illuminance at a Distance**

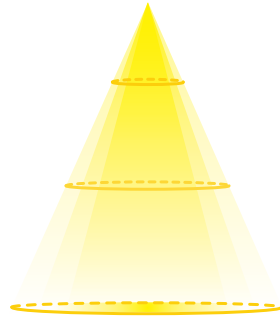
Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	35fc	1.4ft	0.43m	1.4ft	0.43m
6.0ft	1.83m	8.7fc	2.9ft	0.88m	2.9ft	0.88m
9.0ft	2.74m	3.9fc	4.3ft	1.31m	4.3ft	1.31m
12.0ft	3.66m	2.1fc	5.7ft	1.74m	5.7ft	1.74m
15.0ft	4.57m	1.4fc	7.2ft	2.19m	7.2ft	2.19m
18.0ft	5.49m	0.9fc	8.6ft	2.62m	8.6ft	2.62m

Delivered Lumen: 75 lm  
 ■ Vertical Beam Spread: 28.5°  
 ■ Horizontal Beam Spread: 28.7°

**Polar Candela Distribution**



**Beam Width: 45°**



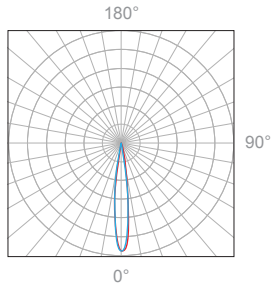
**Illuminance at a Distance**

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	13.8fc	2.5ft	0.76m	2.6ft	0.79m
6.0ft	1.83m	3.44fc	5.0ft	1.52m	5.1ft	1.55m
9.0ft	2.74m	1.53fc	7.5ft	2.28m	7.7ft	2.34m
12.0ft	3.66m	0.86fc	10.0ft	3.04m	10.3ft	3.14m
15.0ft	4.57m	0.55fc	12.5ft	3.81m	12.8ft	3.90m
18.0ft	5.49m	0.38fc	15.0ft	4.52m	15.4ft	4.69m

Delivered Lumen: 83.1 lm  
 ■ Vertical Beam Spread: 45.1°  
 ■ Horizontal Beam Spread: 46.3°

2W, 3000K, 90+ CRI

Polar Candela Distribution



Beam Width: 12°

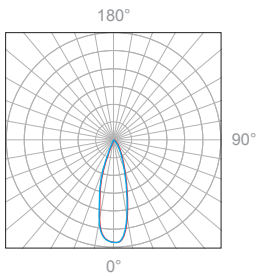


Illuminance at a Distance

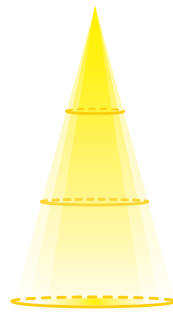
Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	103fc	1.0ft	0.30m	1.0ft	0.30m
6.0ft	1.83m	25.9fc	2.0ft	0.60m	2.0ft	0.60m
9.0ft	2.74m	11.5fc	3.0ft	0.91m	3.0ft	0.91m
12.0ft	3.66m	6.47fc	4.0ft	1.22m	4.0ft	1.22m
15.0ft	4.57m	4.14fc	5.0ft	1.52m	5.0ft	1.52m
18.0ft	5.49m	1.87fc	6.0ft	1.83m	6.0ft	1.83m

Delivered Lumen: 129 lm  
 ■ Vertical Beam Spread: 19°  
 ■ Horizontal Beam Spread: 19°

Polar Candela Distribution



Beam Width: 30°

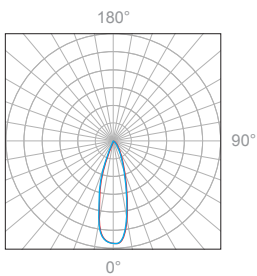


Illuminance at a Distance

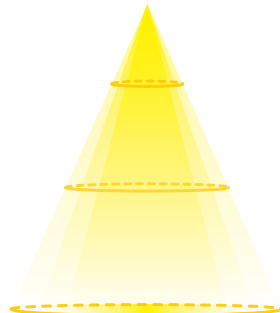
Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	69.5fc	1.5ft	0.46m	1.5ft	0.46m
6.0ft	1.83m	17.4fc	3.0ft	0.91m	3.0ft	0.91m
9.0ft	2.74m	7.73fc	4.5ft	1.37m	4.5ft	1.37m
12.0ft	3.66m	4.35fc	6.0ft	1.83m	6.0ft	1.83m
15.0ft	4.57m	2.78fc	7.6ft	2.32m	7.6ft	2.32m
18.0ft	5.49m	1.93fc	9.1ft	2.77m	9.1ft	2.77m

Delivered Lumen: 149 lm  
 ■ Vertical Beam Spread: 28.3°  
 ■ Horizontal Beam Spread: 28.3°

Polar Candela Distribution



Beam Width: 45°



Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	24.7fc	2.5ft	0.76m	2.6ft	0.79m
6.0ft	1.83m	6.16fc	5.0ft	1.52m	5.2ft	1.58m
9.0ft	2.74m	2.74fc	7.5ft	2.28m	7.8ft	2.37m
12.0ft	3.66m	1.54fc	10.0ft	3.04m	10.4ft	3.17m
15.0ft	4.57m	0.99fc	12.5ft	3.81m	13.0ft	3.96m
18.0ft	5.49m	0.68fc	15.0ft	4.52m	15.6ft	4.75m

Delivered Lumen: 149.8 lm  
 ■ Vertical Beam Spread: 45.2°  
 ■ Horizontal Beam Spread: 46.7°