

# L229-C

INTERIOR  
Spotlight | For ceilings

● Dry location



shown with HLD

## Ordering Information

Clear Form

Date :	_____	Quantity :	_____
Project :	_____	Note :	_____
Type :	_____		_____

## Specifications

For Beam Angle options: Spot (12°) & Narrow Flood (30°) | Luminaire | Example Code: L229C-C3-S-2-W30H-S-CS-2-MA

Product	Canopy <sup>1</sup>	Size	Wattage	CCT & CRI <sup>2</sup>	Beam Angle	Shroud	Neck Length	Finish <sup>3</sup>
<b>L229C</b>		<b>S</b>					<b>2</b>	
	C3 C4	S small	1 1W 2 2W	<b>W22S</b> 2200K 80+ <b>W27H</b> 2700K 90+ <b>W30H</b> 3000K 90+ <b>W35H</b> 3500K 90+ <b>W41H</b> 3000K 90+:	<b>S</b> spot 12° <b>N</b> narrow flood 30° <b>F</b> flood 45°	<b>FS</b> full shroud <b>CS</b> cylinder shroud	2 2' (610mm)	<b>BA</b> black anodized

For Beam Angle option: Super Spot (7°) | Luminaire | Example Code: L229C-C3-S-2-W30H-SS-HLD-CS-2-MA

Product	Canopy <sup>1</sup>	Size	Wattage	CCT & CRI <sup>2</sup>	Beam Angle	Accessories-Holder <sup>4</sup>	Shroud	Neck Length	Finish <sup>3</sup>
<b>L229C</b>		<b>S</b>			<b>SS</b>	<b>HLD</b>	<b>CS</b>	<b>2</b>	
	C3 C4	S small	1 1W 2 2W	<b>W22S</b> 2200K 80+ <b>W27H</b> 2700K 90+ <b>W30H</b> 3000K 90+ <b>W35H</b> 3500K 90+ <b>W41H</b> 3000K 90+:	<b>SS</b> super spot 7°	<b>HLD</b> louver holder	<b>CS</b> cylinder shroud	2 2' (610mm)	<b>BA</b> black anodized

### SyNeck 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.
- Refer to Appendix or MP Lighting website for complete look of luminaire with different finish

- options. Please consult factory for custom finish for shrouds.
- HLD is required for SS (super spot, 7°) lens, louver, or other accessories supplied on site.

#### Warranty Notes & Disclaimer

Malfunction and damage to product due to incompatible dimming syNeck 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 syNeck, consult a dimming syNeck 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.

# L229-C

## INTERIOR

Spotlight | For ceilings

● Dry location



shown with HLD

### 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>C3/C4:</b> Mounts to a 4" octagonal box using the mounting canopy.

### 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.

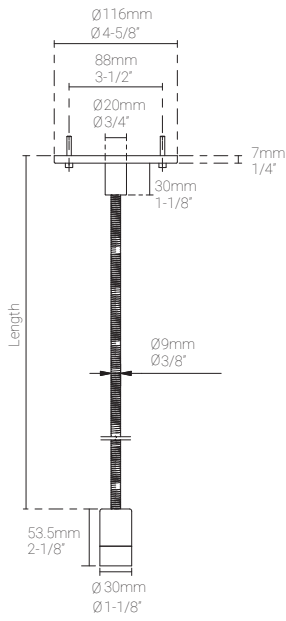
### Ordered Separately

SyNeck 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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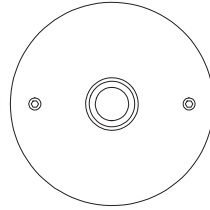
Mounting Options & Dimensions

LED Fixture Dimensions

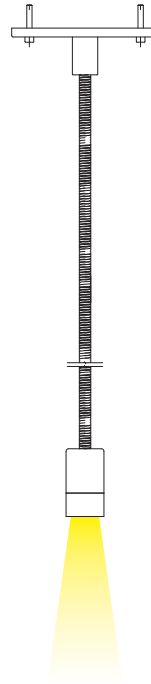
Fixture



Bottom View



Beam

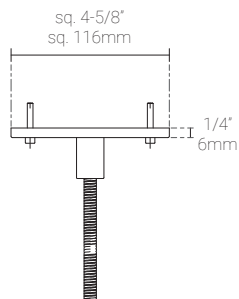
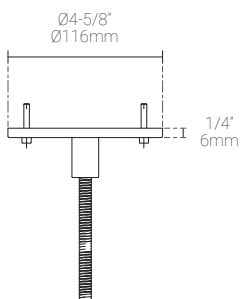


Mounting Options & Dimensions

C3

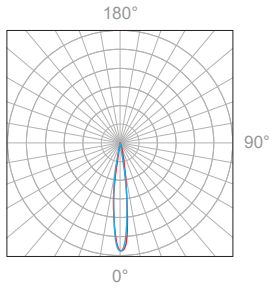


C4



1W, 3000K, 90+ CRI

**Polar Candela Distribution**



**Beam Width: 12°**

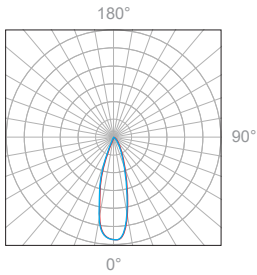


**Illuminance at a Distance**

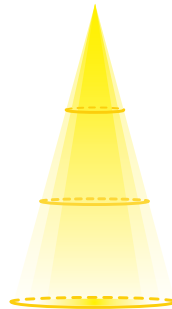
Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	50.3fc	1.0ft	0.30m	1.0ft	0.30m
6.0ft	1.83m	12.6fc	2.1ft	0.64m	2.1ft	0.64m
9.0ft	2.74m	5.5fc	3.1ft	0.94m	3.1ft	0.94m
12.0ft	3.66m	3.1fc	4.1ft	1.25m	4.1ft	1.25m
15.0ft	4.57m	2.0fc	5.2ft	1.58m	5.2ft	1.58m
18.0ft	5.49m	1.4fc	6.2ft	1.89m	6.2ft	1.89m

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

**Polar Candela Distribution**



**Beam Width: 30°**

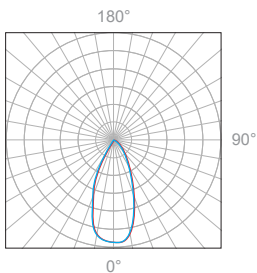


**Illuminance at a Distance**

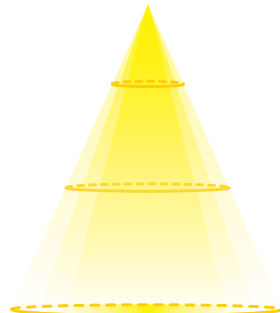
Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	35fc	1.4ft	0.43m	1.4ft	0.43m
6.0ft	1.83m	8.7fc	2.9ft	0.88m	2.9ft	0.88m
9.0ft	2.74m	3.9fc	4.3ft	1.31m	4.3ft	1.31m
12.0ft	3.66m	2.1fc	5.7ft	1.74m	5.7ft	1.74m
15.0ft	4.57m	1.4fc	7.2ft	2.19m	7.2ft	2.19m
18.0ft	5.49m	0.9fc	8.6ft	2.62m	8.6ft	2.62m

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

**Polar Candela Distribution**



**Beam Width: 45°**



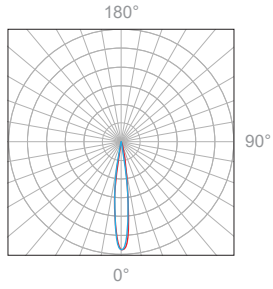
**Illuminance at a Distance**

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°

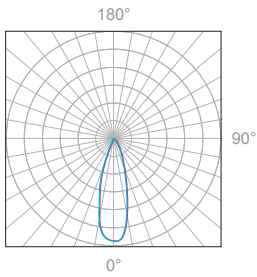


Illuminance at a Distance

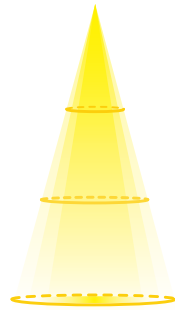
Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	103fc	1.0ft	0.30m	1.0ft	0.30m
6.0ft	1.83m	25.9fc	2.0ft	0.60m	2.0ft	0.60m
9.0ft	2.74m	11.5fc	3.0ft	0.91m	3.0ft	0.91m
12.0ft	3.66m	6.47fc	4.0ft	1.22m	4.0ft	1.22m
15.0ft	4.57m	4.14fc	5.0ft	1.52m	5.0ft	1.52m
18.0ft	5.49m	1.87fc	6.0ft	1.83m	6.0ft	1.83m

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

Polar Candela Distribution



Beam Width: 30°

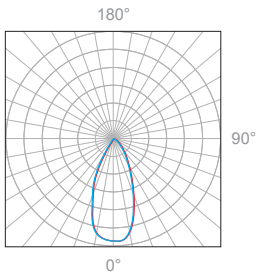


Illuminance at a Distance

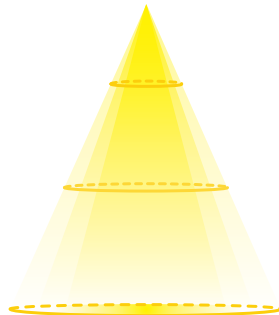
Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	69.5fc	1.5ft	0.46m	1.5ft	0.46m
6.0ft	1.83m	17.4fc	3.0ft	0.91m	3.0ft	0.91m
9.0ft	2.74m	7.73fc	4.5ft	1.37m	4.5ft	1.37m
12.0ft	3.66m	4.35fc	6.0ft	1.83m	6.0ft	1.83m
15.0ft	4.57m	2.78fc	7.6ft	2.32m	7.6ft	2.32m
18.0ft	5.49m	1.93fc	9.1ft	2.77m	9.1ft	2.77m

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°

Appendix

Aluminum Finishes



BA black anodized | shown with C3



BA black anodized | shown with C4



BA black anodized | shown with C3 and HLD



BA black anodized | shown with C4 and HLD

Accessories | Louver holder



BA black anodized