

L229-W

INTERIOR

Spotlight | Wall, picture, or signage illumination

● 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: L229W-C3-S-4-W30H-S-CS-2-BA

Product	Canopy ¹	Size	Wattage	CCT & CRI ²	Beam Angle	Shroud	Neck Length	Finish ³
L229W		S					1	
	C3 C4	S small	1 1W 2 2W	W22S 2200K 80+ W27H 2700K 90+ W30H 3000K 90+ W35H 3500K 90+ W41H 3000K 90+:	S spot 12° N narrow flood 30°	FS full shroud CS cylinder shroud	1 1' (305mm)	BA black anodized

For Beam Angle options: Super Spot (7°) | Luminaire | Example Code: L229W-C3-S-4-W30H-SS-HLD-CS-2-BA

Product	Canopy ¹	Size	Wattage	CCT & CRI ²	Beam Angle	Accessories-Holder ⁴	Shroud	Neck Length	Finish ³
L229W		S			SS	HLD	CS	1	
	C3 C4	S small	1 1W 2 2W	W22S 2200K 80+ W27H 2700K 90+ W30H 3000K 90+ W35H 3500K 90+ W41H 3000K 90+:	SS super spot 7°	HLD louver holder	CS cylinder shroud	1 1' (305mm)	BA 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.

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Performance

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

Application

Environment	Dry Location approved. IP 20.
Mounting	C3/C4: Mounts to a 4" octagonal box using the mounting canopy.

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	W22S = CCT: 2200K, CRI (Ra): 80+, Colour Consistency: 3SDCM 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 W41H = CCT: 4100K, CRI (Ra): 90+, Colour Consistency: 3SDCM
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 OR C21 with two wire connectors.
Warranty & LED Life	5 years limited warranty. Estimated useful life of LED is 50,000 hours.

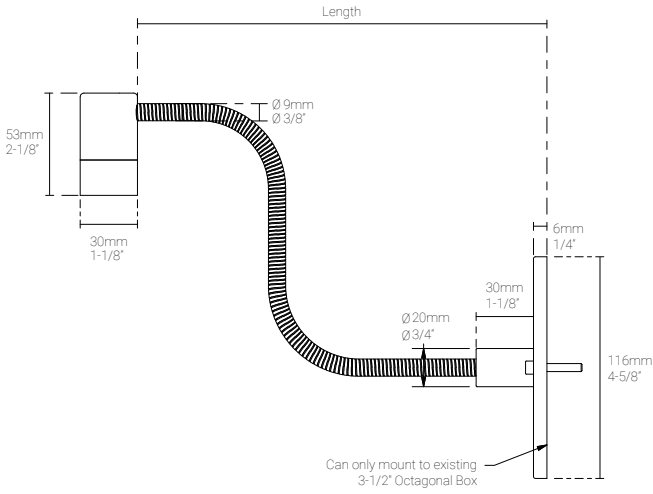
Ordered Separately

SyNeck Components	Power supplies: remote driver. Please consult factory or visit Recommended Drivers for available driver options.
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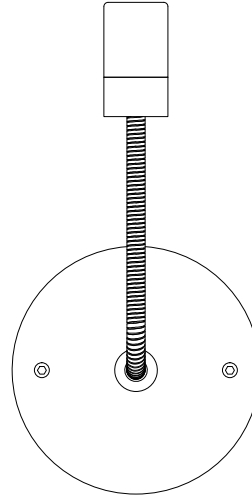
Mounting Options & Dimensions

LED Fixture Dimensions

Fixture



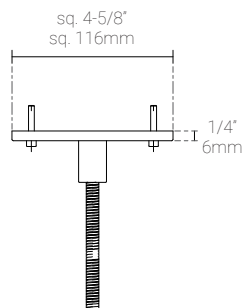
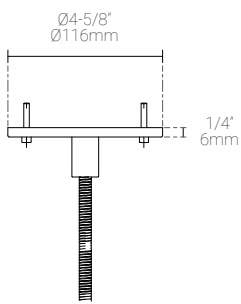
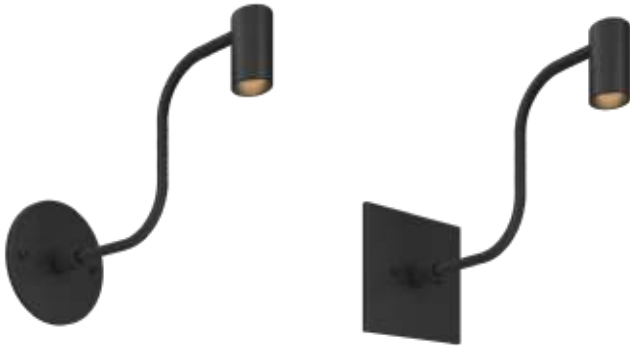
Front View



Mounting Options & Dimensions

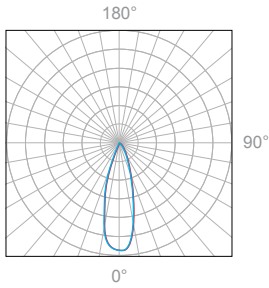
C3

C4

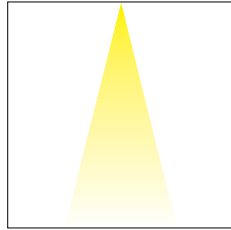


1W, 3000K, 90+ CRI

Polar Candela Distribution



Beam Width: 12°

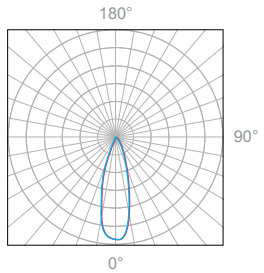


Illuminance at a Distance

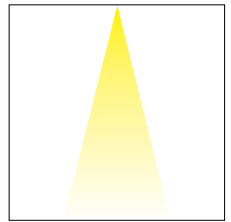
Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	50.3fc	1.0ft	0.30m	1.0ft	0.30m
6.0ft	1.83m	12.6fc	2.1ft	0.64m	2.1ft	0.64m
9.0ft	2.74m	5.5fc	3.1ft	0.94m	3.1ft	0.94m
12.0ft	3.66m	3.1fc	4.1ft	1.25m	4.1ft	1.25m
15.0ft	4.57m	2.0fc	5.2ft	1.58m	5.2ft	1.58m
18.0ft	5.49m	1.4fc	6.2ft	1.89m	6.2ft	1.89m

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

Polar Candela Distribution



Beam Width: 30°



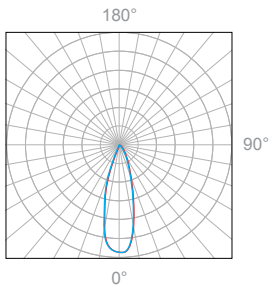
Illuminance at a Distance

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

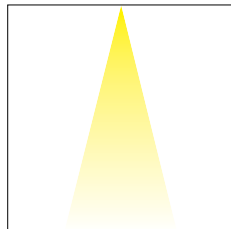
Delivered Lumen: 75lm
 ■ Vertical Beam Spread: 28.5°
 ■ Horizontal Beam Spread: 28.7°

2W, 3000K, 90+ CRI

Polar Candela Distribution



Beam Width: 12°

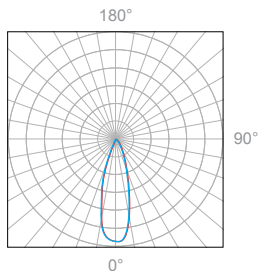


Illuminance at a Distance

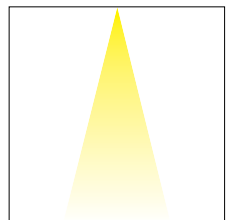
Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	103fc	1.0ft	0.30m	1.0ft	0.30m
6.0ft	1.83m	25.9fc	2.0ft	0.60m	2.0ft	0.60m
9.0ft	2.74m	11.5fc	3.0ft	0.91m	3.0ft	0.91m
12.0ft	3.66m	6.47fc	4.0ft	1.22m	4.0ft	1.22m
15.0ft	4.57m	4.14fc	5.0ft	1.52m	5.0ft	1.52m
18.0ft	5.49m	1.87fc	6.0ft	1.83m	6.0ft	1.83m

Delivered Lumen: 129lm
 ■ 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: 149lm
 ■ Vertical Beam Spread: 28.3°
 ■ Horizontal Beam Spread: 28.3°

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