

L235-S

INTERIOR

Spotlight | For ceilings, walls

● Dry location



Shown with CS (cylinder shroud)
Available with: Spot & Narrow Flood beam angles.

Shown with HLD (louwer holder)
Available with: Super Spot, Spot & Narrow Flood beam angles.

Ordering Information

Clear Form

Date : _____

Quantity : _____

Project : _____

Note : _____

Type : _____

Specifications

Luminaire | Example Code: L235-C3-S-2-W30H-N-CS-2-MA

Product	Canopy ¹	Size	Version	CCT & CRI ²	Beam Angle	Accessories-Holder ³ (optional)	Shroud	Stem Length ⁴	Finish ⁵
L235		S					CS		
C1		S small	1 1W	W22S 2200K 80+	SS super spot 7°	HLD louver holder	CS cylinder shroud	2 1-1/2" (38mm) 3 2-1/4" (57mm) X custom length	Aluminum Finishes: MA matte clear anodized BA black anodized
C3		2 2W	W27H 2700K 90+	S spot 12°					
C4			W30H 3000K 90+	N narrow flood 30°					
C21			W35H 3500K 90+	F flood 45°					
C23			W41H 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.
- HLD minimum stem length is 2-1/4" (57 mm). Maximum: 8' (2438mm), 1" (25mm) increments.
Minimum 4" (102mm) stem for C23 canopy. BA finishes not available with stems over 4" (1219mm)
- Refer to Appendix or MP Lighting website for complete look of luminaire with different finish options.
Please consult factory for custom finish for shrouds.

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.

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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	110 lm	20.8-86.1 lm
2W	700mA	2.9W	220 lm	37.4-160.7 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

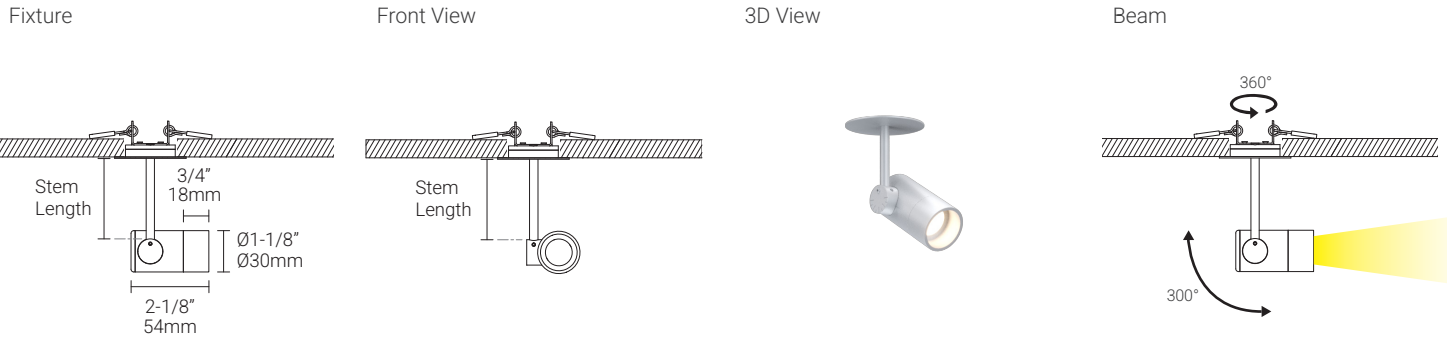
LED Light Source	W22S = CCT: 2200K, CRI (Ra): 80+, Colour Consistency: 3SDCM W27H = CCT: 2700K, CRI (Ra): 90+, Colour Consistency: 2SDCM W30H = CCT: 3000K, CRI (Ra): 90+, Colour Consistency: 2SDCM W35H = CCT: 3500K, CRI (Ra): 90+, Colour Consistency: 2SDCM W41H = CCT: 4100K, CRI (Ra): 90+, Colour Consistency: 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

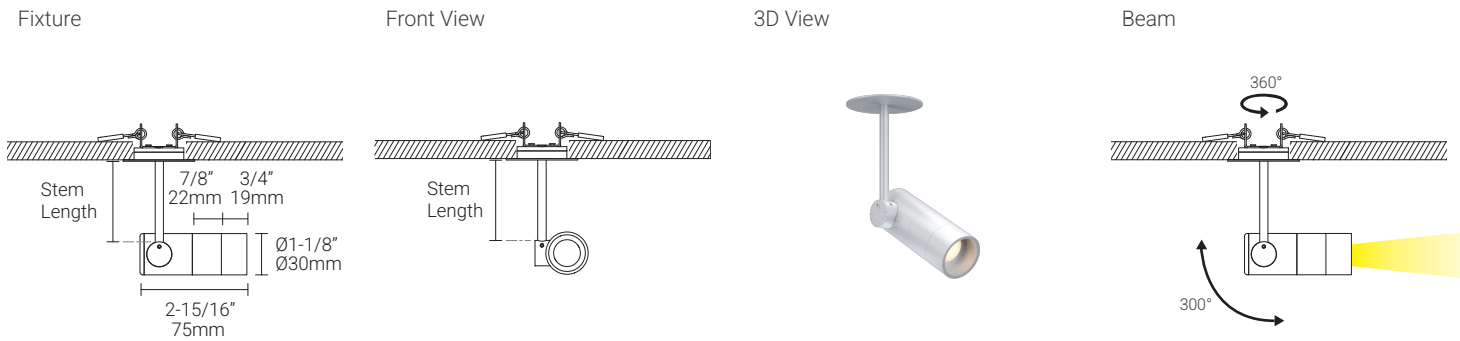
System Components	Power supplies: remote driver Please consult factory or visit Recommended Drivers for available driver options.
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Mounting Options & Dimensions

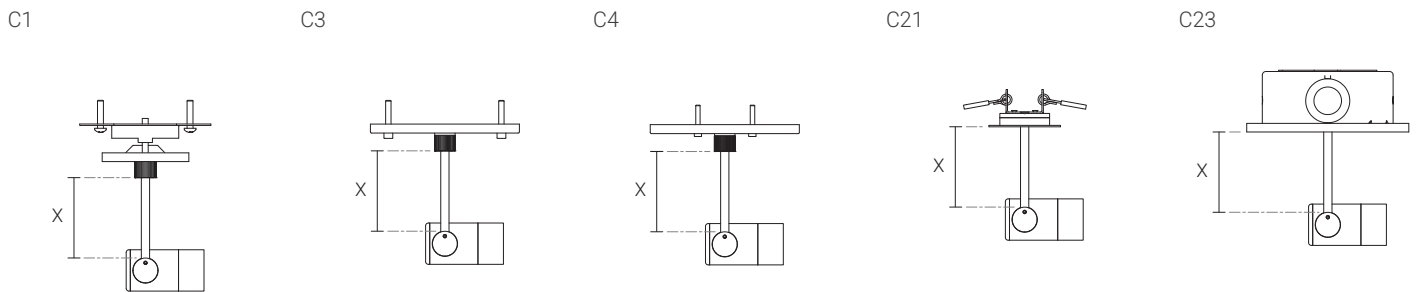
LED Fixture Dimensions (shown with Cylinder Shroud & C21 canopy)



LED Fixture Dimensions (shown with HLD & C21 canopy)



Measurement of Custom Stem Length (X)



Shortest stem length:
1-1/2" (38mm)
Shortest stem length with HLD: 2-1/4" (57mm)

Shortest stem length:
1-1/2" (38mm)
Shortest stem length with HLD: 2-1/4" (57mm)

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1-1/2" (38mm)
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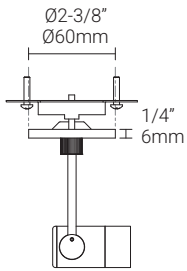
* Spotlight can rotate 360° with C21 canopy.

Shortest stem length:
1-1/2" (38mm)
Shortest stem length with HLD: 2-1/4" (57mm)

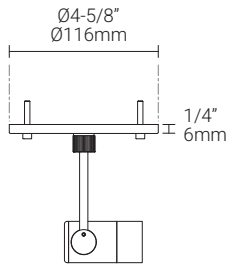
* Spotlight can rotate 360° with C23 canopy.

Mounting Options & Dimensions

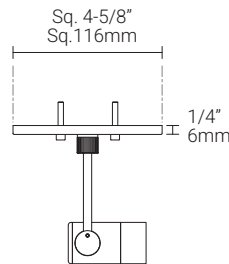
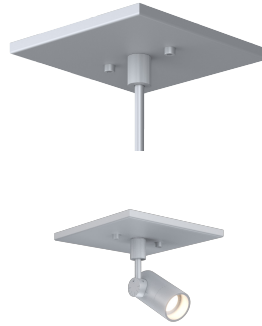
C1



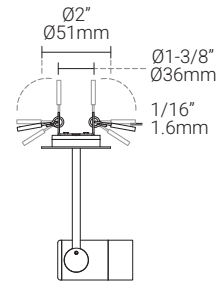
C3



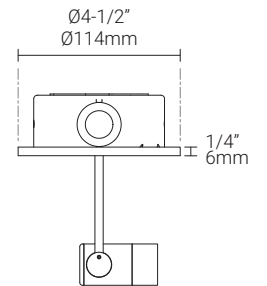
C4



C21



C23



* Spotlight can rotate 360° with C21 and C23 canopy.

Appendix

Aluminum Finishes



MA matte clear anodized



BA black anodized

Aluminum Finishes with HLD



MA matte clear anodized



BA black anodized

Accessories



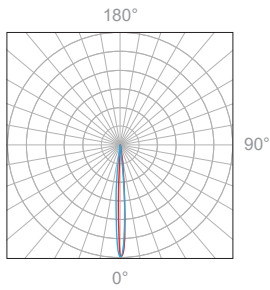
MA matte clear anodized



BA black anodized

1W, 3000K, 90+ CRI

Polar Candela Distribution



Beam Width: 7°



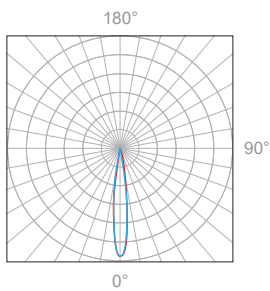
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	75.9fc	0.4ft	0.12m	0.3ft	0.09m
6.0ft	1.83m	19.0fc	0.7ft	0.21m	0.5ft	0.15m
9.0ft	2.74m	8.44fc	1.1ft	0.30m	0.8ft	0.24m
12.0ft	3.66m	4.75fc	1.5ft	0.45m	1.1ft	0.33m
15.0ft	4.57m	3.04fc	1.9ft	0.58m	1.4ft	0.42m
18.0ft	5.49m	2.11fc	2.2ft	0.67m	1.6ft	0.48m

Delivered Lumen: 20.8 lm
 ■ Vertical Beam Spread: 7.1°
 ■ Horizontal Beam Spread: 5.2°

Tested on 17/11/2025

Polar Candela Distribution



Beam Width: 12°



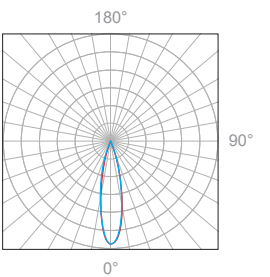
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	71.1fc	0.8ft	0.24m	0.8ft	0.24m
6.0ft	1.83m	17.8fc	1.6ft	0.48m	1.6ft	0.48m
9.0ft	2.74m	7.90fc	2.5ft	0.76m	2.5ft	0.76m
12.0ft	3.66m	4.44fc	3.3ft	1.00m	3.3ft	1.00m
15.0ft	4.57m	2.84fc	4.1ft	1.25m	4.1ft	1.25m
18.0ft	5.49m	1.98fc	4.9ft	1.49m	4.9ft	1.49m

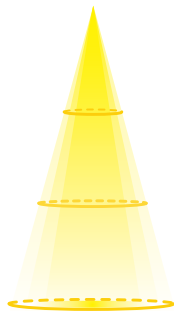
Delivered Lumen: 86.1 lm
 ■ Vertical Beam Spread: 15.6°
 ■ Horizontal Beam Spread: 15.5°

Tested on 17/11/2025

Polar Candela Distribution



Beam Width: 30°



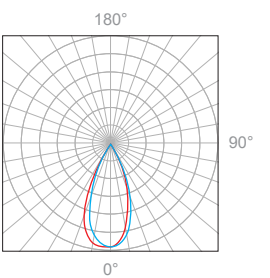
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	40.4fc	1.3ft	0.39m	1.3ft	0.39m
6.0ft	1.83m	10.1fc	2.5ft	0.76m	2.7ft	0.82m
9.0ft	2.74m	4.49fc	3.8ft	1.15m	4.0ft	1.22m
12.0ft	3.66m	2.52fc	5.0ft	1.52m	5.3ft	1.61m
15.0ft	4.57m	1.61fc	6.3ft	1.92m	6.6ft	2.01m
18.0ft	5.49m	1.12fc	7.6ft	2.31m	8.0ft	2.43m

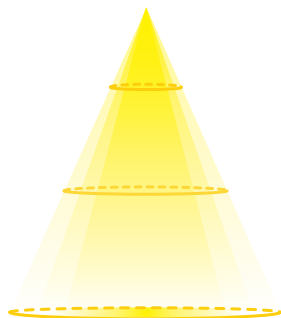
Delivered Lumen: 84.4 lm
 ■ Vertical Beam Spread: 23.8°
 ■ Horizontal Beam Spread: 25°

Tested on 17/11/2025

Polar Candela Distribution



Beam Width: 45°



Illuminance at a Distance

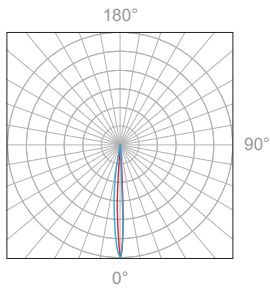
Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	14.1fc	2.3ft	0.70m	2.6ft	0.79m
6.0ft	1.83m	3.53fc	4.5ft	1.37m	5.1ft	1.55m
9.0ft	2.74m	1.57fc	6.8ft	2.07m	7.7ft	2.34m
12.0ft	3.66m	0.88fc	9.1ft	2.77m	10.2ft	3.10m
15.0ft	4.57m	0.56fc	11.3ft	3.44m	12.8ft	3.90m
18.0ft	5.49m	0.39fc	13.6ft	4.14m	15.3ft	4.66m

Delivered Lumen: 79.2 lm
 ■ Vertical Beam Spread: 41.4°
 ■ Horizontal Beam Spread: 46.1°

Tested on 17/11/2025

2W, 3000K, 90+ CRI

Polar Candela Distribution



Beam Width: 7°



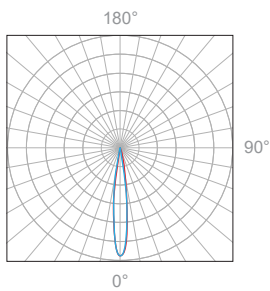
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	131fc	0.4ft	0.12m	0.3ft	0.09m
6.0ft	1.83m	32.8fc	0.8ft	0.24m	0.6ft	0.18m
9.0ft	2.74m	14.6fc	1.1ft	0.33m	1.0ft	0.30m
12.0ft	3.66m	8.21fc	1.5ft	0.45m	1.3ft	0.39m
15.0ft	4.57m	5.25fc	1.9ft	0.58m	1.6ft	0.48m
18.0ft	5.49m	3.65fc	2.3ft	0.70m	1.9ft	0.58m

Delivered Lumen: 37.4 lm
 ■ Vertical Beam Spread: 7.3°
 ■ Horizontal Beam Spread: 6.2°

Tested on 17/11/2025

Polar Candela Distribution



Beam Width: 12°



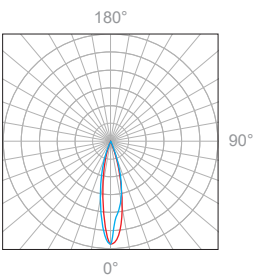
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	125fc	0.8ft	0.24m	0.8ft	0.24m
6.0ft	1.83m	31.2fc	1.7ft	0.51m	1.6ft	0.48m
9.0ft	2.74m	13.9fc	2.5ft	0.76m	2.5ft	0.76m
12.0ft	3.66m	7.80fc	3.3ft	1.00m	3.3ft	1.00m
15.0ft	4.57m	4.99fc	4.1ft	1.25m	4.1ft	1.25m
18.0ft	5.49m	3.47fc	5.0ft	1.52m	4.9ft	1.49m

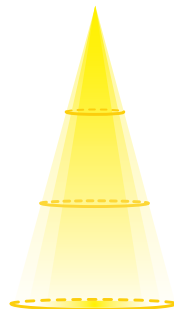
Delivered Lumen: 150.7 lm
 ■ Vertical Beam Spread: 15.7°
 ■ Horizontal Beam Spread: 15.6°

Tested on 17/11/2025

Polar Candela Distribution



Beam Width: 30°



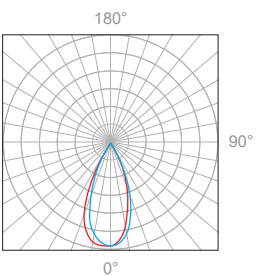
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	80.9fc	1.2ft	0.36m	1.3ft	0.39m
6.0ft	1.83m	20.2fc	2.5ft	0.76m	2.6ft	0.79m
9.0ft	2.74m	8.99fc	3.7ft	1.12m	3.9ft	1.19m
12.0ft	3.66m	5.06fc	5.0ft	1.52m	5.2ft	1.58m
15.0ft	4.57m	3.24fc	6.2ft	1.89m	6.5ft	1.98m
18.0ft	5.49m	2.25fc	7.4ft	2.25m	7.8ft	2.37m

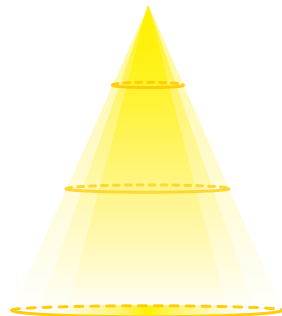
Delivered Lumen: 160.7 lm
 ■ Vertical Beam Spread: 23.4°
 ■ Horizontal Beam Spread: 24.5°

Tested on 17/11/2025

Polar Candela Distribution



Beam Width: 45°



Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	25.2fc	2.3ft	0.70m	2.5ft	0.76m
6.0ft	1.83m	6.30fc	4.6ft	1.40m	5.1ft	1.55m
9.0ft	2.74m	2.80fc	6.9ft	2.10m	7.6ft	2.31m
12.0ft	3.66m	1.57fc	9.2ft	2.80m	10.2ft	3.10m
15.0ft	4.57m	1.01fc	11.5ft	3.50m	12.7ft	3.87m
18.0ft	5.49m	0.70fc	13.8ft	4.20m	15.3ft	4.66m

Delivered Lumen: 141.4 lm
 ■ Vertical Beam Spread: 41.9°
 ■ Horizontal Beam Spread: 46°

Tested on 17/11/2025