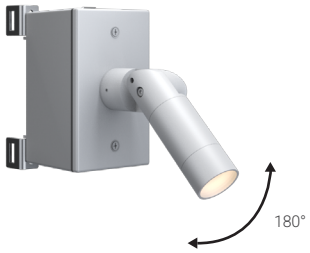
[MP LIGHTING]

L930-B7

EXTERIOR | INTERIOR

Spotlight | For trees or columns

- Wet, Damp, and Dry location



Shown with **FS** full shroud

Ordering Information

Clear Form

Date : _____

Project : _____

Type : _____

Quantity : _____

Note : _____

Specifications

Luminaire | Example Code: L930-B7-2-W30H-S-ELB-WS-MA

Product	Canopy [1]	Version	CCT & CRI [2]	Beam Angle	Accessories (optional)	Shroud	Finish [3]
L930	**B7**						
	B7	**1** 1W **2** 2W	**W22S** 2200K 80+ **W27H** 2700K 90+ **W30H** 3000K 90+ **W35H** 3500K 90+ **W40H** 4000K 90+ **AMB** amber LED	**S** spot 19° **N** narrow flood 30° **F** flood 50°	**ELB** eggcrate louver	**FS** full shroud **WS** wet location weep shroud	**Aluminum Finishes:** **MA** matte clear anodized **BA** black anodized

System Components (Ordered Separately)

Remote Driver : _____

Control System : _____

On/Off | Dimming ELV or 0-10 dimming
Other options (consult factory) TRIAC/MLV, DMX, DALI, Casambi

Important Notes

Specification

1. *Refer to pg.3-5 - Mounting Options & Dimensions for details.*
2. *Refer to pg.2 - Electrical for Colour Consistency details.*
3. *Refer to Appendix or MP Lighting website for complete look of luminaire with different finish options.*

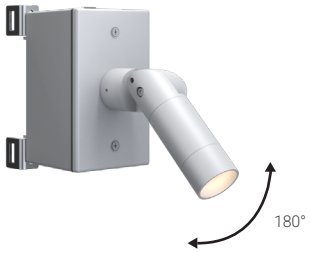
Warranty Notes & Disclaimer

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.

L930-B7

EXTERIOR | INTERIOR
Spotlight | For trees or columns

- Wet, Damp, and Dry location



Shown with **FS** full shroud

Performance

Wattage	Forward Current	Power Consumption Budget per fixture (including driver)	LED output (Source)	Fixture Output (Delivered)
1W	350mA	1.3W	110 lm	65-76.7 lm
2W	700mA	2.6W	220 lm	129-149 lm

Application

Environment	Wet / Damp / Dry Location approved. IP 66. Wet location weep shroud (WS) can be specified where proper drainage for water in shroud is required.
Mounting	**B7:** designed to be strapped to trees or columns (Tree Strap not included).

Electrical

Power Supplies	Remote LED drivers (120-277V AC input, **constant current output**): Fixtures to be wired in series. Integral driver available with B3 canopy --- Consult factory.
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	**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: 3SDCM (Contact factory for 2SDCM option) **W40H =** CCT: 4000K, CRI (Ra): 90+, Colour Consistency: 2SDCM **AMB =** amber LED light
Weight	N/A
Material	Machined marine-grade aluminum or stainless steel 316L
Supplied with	N/A
Warranty & LED Life	5 years limited warranty Estimated useful life of LED is 50,000 hours.

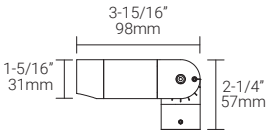
Ordered Separately

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

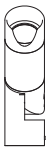
Mounting Options & Dimensions

LED Fixture Dimensions

Fixture

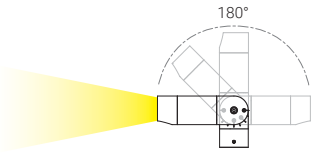


Front View



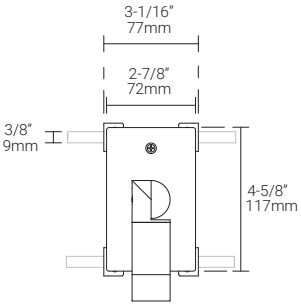
3D View

Beam

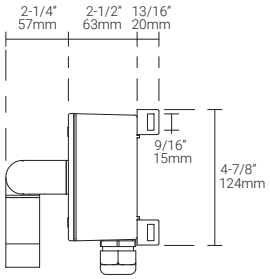


LED Fixture Dimensions | shown with B7 and Tree Strap

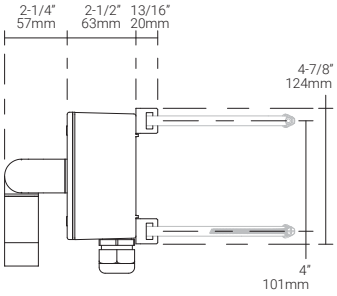
Top View with B7



Side View with B7



Side View with B7 and Tree Strap



3D View

*** Tree Strap not included**

Appendix

Mounting & Finish Options

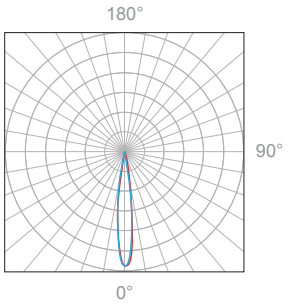
B7

MA matte clear anodized

BA black anodized

1W, 3000K, 90+ CRI

Polar Candela Distribution



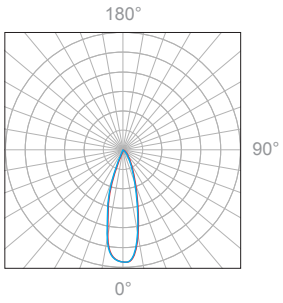
Beam Width: 19°

Illuminance at a Distance

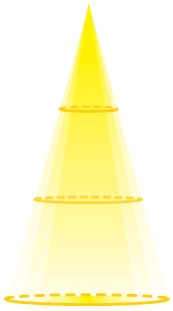
Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	333fc	0.3ft	0.09m	0.3ft	0.09m
2.0ft	0.61m	94fc	0.7ft	0.21m	0.7ft	0.21m
3.0ft	0.91m	41fc	1.0ft	0.30m	1.0ft	0.30m
4.0ft	1.22m	22fc	1.3ft	0.40m	1.3ft	0.40m
5.0ft	1.52m	15fc	1.7ft	0.52m	1.7ft	0.52m
6.0ft	1.83m	10fc	2.1ft	0.64m	2.1ft	0.64m

Delivered Lumen: 65 lm
Vertical Beam Spread: 19.4°
Horizontal Beam Spread: 19.4°

Polar Candela Distribution



Beam Width: 30°

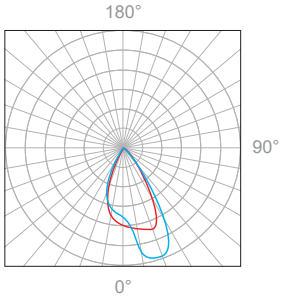


Illuminance at a Distance

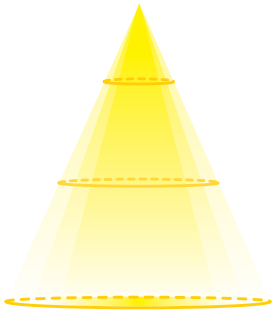
Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	209fc	0.5ft	0.15m	0.5ft	0.15m
2.0ft	0.61m	56fc	1.0ft	0.30m	1.0ft	0.30m
3.0ft	0.91m	26fc	1.5ft	0.46m	1.5ft	0.46m
4.0ft	1.22m	14fc	2.0ft	0.61m	2.0ft	0.61m
5.0ft	1.52m	9fc	2.5ft	0.76m	2.5ft	0.76m
6.0ft	1.83m	7fc	3.1ft	0.95m	3.1ft	0.95m

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

Polar Candela Distribution



Beam Width: 50°



Illuminance at a Distance

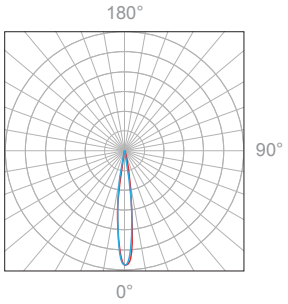
Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	34.3fc	1.4ft	0.42m	1.3ft	0.39m
2.0ft	0.61m	8.58fc	2.7ft	0.82m	2.6ft	0.79m
3.0ft	0.91m	3.81fc	4.1ft	1.25m	3.9ft	1.18m
4.0ft	1.22m	2.14fc	5.4ft	1.76m	5.1ft	1.55m
5.0ft	1.52m	1.37fc	6.8ft	2.19m	6.4ft	1.95m
6.0ft	1.83m	0.95fc	8.1ft	2.62m	7.7ft	2.34m

Delivered Lumen: 76.7 lm
Vertical Beam Spread: 48.7°
Horizontal Beam Spread: 46.5°

Tested on 04/24/2026

2W, 3000K, 90+ CRI

Polar Candela Distribution



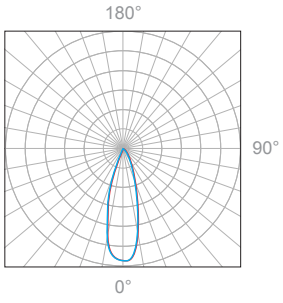
Beam Width: 19°

Illuminance at a Distance

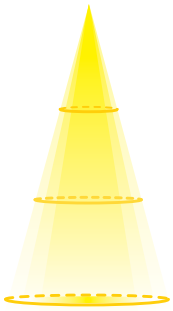
Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	593fc	0.3ft	0.09m	0.3ft	0.09m
2.0ft	0.61m	166fc	0.7ft	0.21m	0.7ft	0.21m
3.0ft	0.91m	70fc	1.0ft	0.30m	1.0ft	0.30m
4.0ft	1.22m	40fc	1.3ft	0.40m	1.3ft	0.40m
5.0ft	1.52m	26fc	1.7ft	0.52m	1.7ft	0.52m
6.0ft	1.83m	18fc	2.0ft	0.61m	2.0ft	0.61m

Delivered Lumen: 129 lm
Vertical Beam Spread: 19.0°
Horizontal Beam Spread: 19.0°

Polar Candela Distribution



Beam Width: 30°

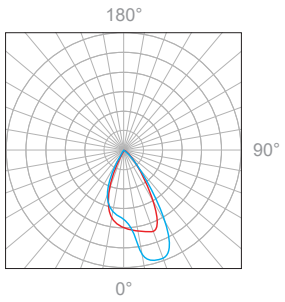


Illuminance at a Distance

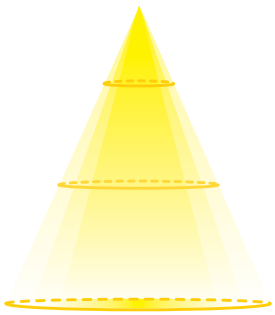
Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	384fc	0.5ft	0.15m	0.5ft	0.15m
2.0ft	0.61m	104fc	1.0ft	0.30m	1.0ft	0.30m
3.0ft	0.91m	45fc	1.5ft	0.46m	1.5ft	0.46m
4.0ft	1.22m	25fc	2.0ft	0.61m	2.0ft	0.61m
5.0ft	1.52m	16fc	2.5ft	0.76m	2.5ft	0.76m
6.0ft	1.83m	12fc	3.0ft	0.91m	3.0ft	0.91m

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

Polar Candela Distribution



Beam Width: 50°



Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	60.7fc	1.4ft	0.42m	1.3ft	0.39m
2.0ft	0.61m	15.2fc	2.7ft	0.82m	2.6ft	0.79m
3.0ft	0.91m	6.75fc	4.1ft	1.25m	3.8ft	1.15m
4.0ft	1.22m	3.80fc	5.5ft	1.79m	5.1ft	1.55m
5.0ft	1.52m	2.43fc	6.9ft	2.22m	6.4ft	1.95m
6.0ft	1.83m	1.69fc	8.2ft	2.65m	7.7ft	2.34m

Delivered Lumen: 134.8 lm
Vertical Beam Spread: 49.1°
Horizontal Beam Spread: 46.1°

Tested on 04/24/2026