

L712

INTERIOR

Wall-mount | For walls, stairs, and walkways

- Dry location



Ordering Information

Clear Form

Date : _____

Quantity : _____

Project : _____

Note : _____

Type : _____

Specifications

Luminaire | Example Code: L712-2-W30H-W-W30H-W-MA

Product	Version	Uplight: CCT & CRI ¹	Uplight: Beam Angle	Downlight: CCT & CRI ¹	Downlight: Beam Angle	Mounting Kit ² (optional)	Trim Finish
L712							MA
	1 1W X 2 2 2W X 2	W22S 2200K 80+ W27H 2700K 90+ W30H 3000K 90+ W35H 3500K 90+ W41H 4100K 90+	S spot 12° N narrow flood 30° F flood 45° W wide flood 120°	W22S 2200K 80+ W27H 2700K 90+ W30H 3000K 90+ W35H 3500K 90+ W41H 4100K 90+	S spot 12° N narrow flood 30° F flood 45° W wide flood 120°	MK1 vertical surface	MA matte clear anodized

System Components (Ordered Separately)

Remote Driver : _____

* Consult MP Lighting Website or Factory.

Important Notes

Specification

- Refer to pg.2 - for Light quality and colour consistency details.
- Mounting kit is ordered separately (consult factory). Back box must also be purchased with MK1 kit.

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	1.3W	110 lm	45-63 lm
2W	700mA	2.6W	220 lm	92-101 lm

Application

Environment	Dry Location approved. IP 50.
Mounting	Mounts to single gang box (ordered separately). Box opening: Width 2-3/8" (60.33mm) X Height 2" (50.8mm) Optimal mounting distance: 18"-24" (457mm-610mm) AFF. MK1 mounting kit (optional): Recommended for easy installation on vertical surfaces (e.g. stair risers, walls). See "Mounting Options & Dimensions, " or visit MK1

Electrical

Power Supplies	Non-dimmable integral driver included (100-240V AC input).
Control	On/off control Dimming (consult factory): 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: 3SDCM (Contact factory for 2SDCM option) W41H = CCT: 4100K, CRI (Ra): 90+, Colour Consistency: 3SDCM
Standard Compliance	✓ADA-compliant ✓WELL standard – Feature 58: Color Quality
Weight	0.59lbs (0.27kg)
Material	Fixture: machined marine-grade aluminum
Supplied with	Standard installation housing: Comes with LED unit with coverplate, mounting bracket, cross countersunk screws(2), wire nuts(2), M3 set screw, and 2.5mm allen key. Driver: Non-dimmable integral driver included.
Warranty & LED Life	5 years limited warranty Estimated useful life of LED is 50,000 hours.

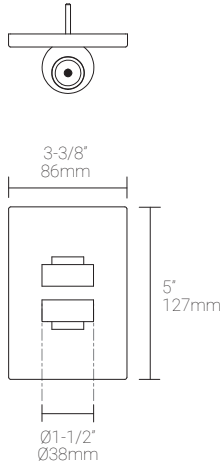
Ordered Separately

System Components	Power supplies: alternate remote driver for dimming options Please consult factory or visit Recommended Drivers for available driver options. Mounting kit: MK1 & Back box Custom rectangular back boxes: see Pg.3- Mounting Options & Dimensions.
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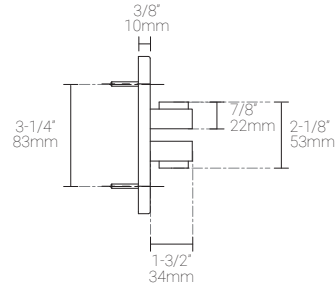
Mounting Options & Dimensions

LED Insert Dimensions | shown with 12°/30° beam options

Fixture
Top & Front View



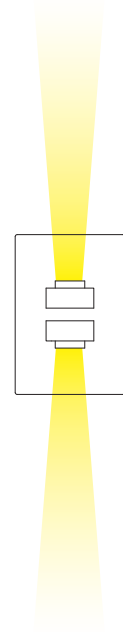
Side View



3D View

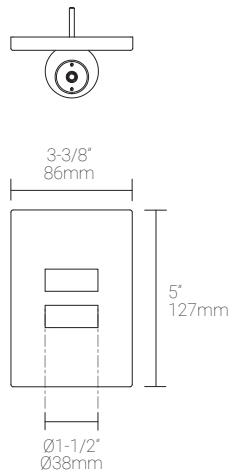


Beam

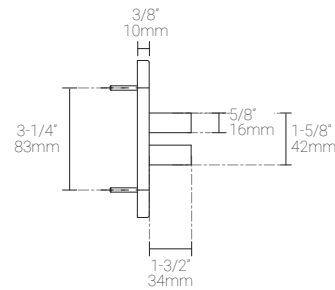


LED Insert Dimensions | shown with 120° beam option

Fixture
Top & Front View



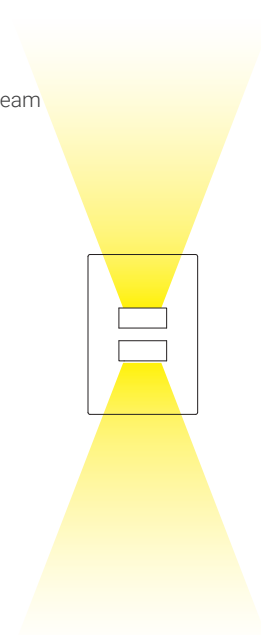
Side View



3D View



Beam

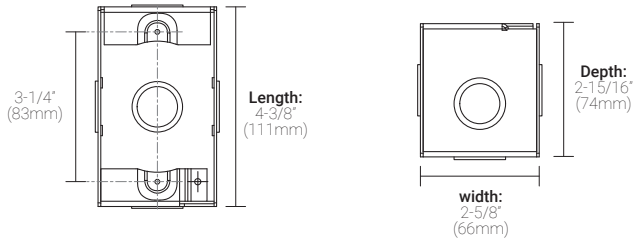


Custom Rectangular Back Box for Wall Installation

MP Lighting Single Gang Back Box | Order Code: EBX-SGB1

Top View

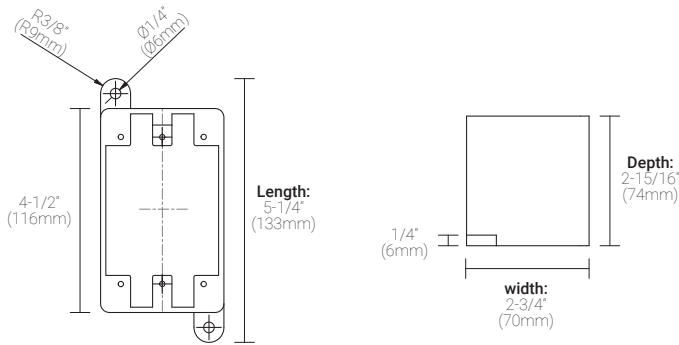
Side View



Scepter FD Back box | Order Code: EBX-SFD

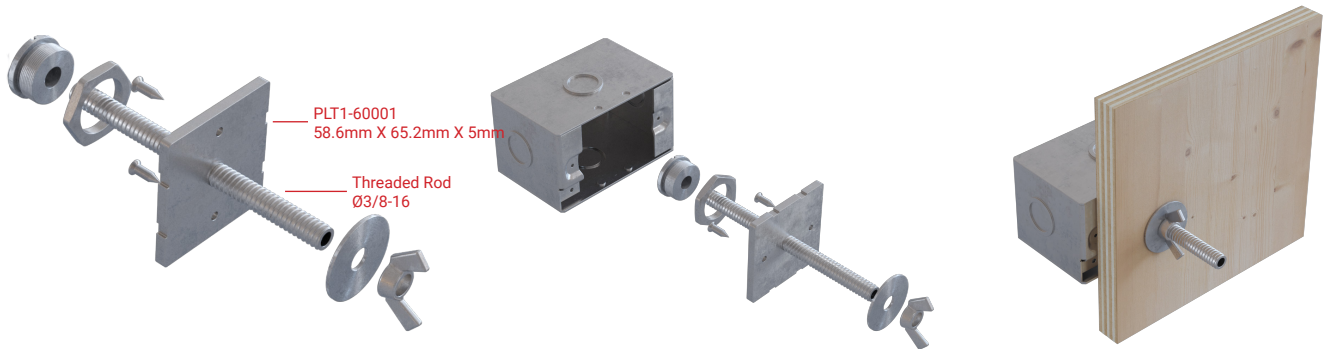
Top View

Side View



MK1 | For walls and stairs

Mounting Kit Exploding Views * Back box not included



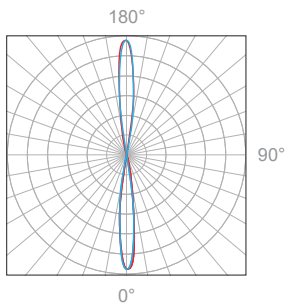
MK1-SGB1

MK1-SGB1 shown with EBX-SGB1

MK1-SGB1 shown with EBX-SGB1 and Plywood Form

1W, 3000K, 90+ CRI | Each side

Polar Candela Distribution



Beam Width: 12°

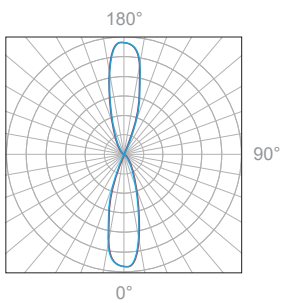


Illuminance at a Distance | Mounting Height: 1' (0.3m)

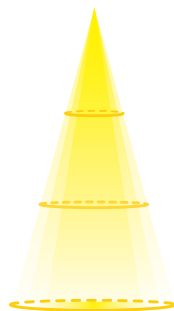
Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	489fc	0.4ft	0.12m	0.3ft	0.09m
2.0ft	0.61m	122fc	0.7ft	0.21m	0.7ft	0.21m
3.0ft	0.91m	54.3fc	1.1ft	0.33m	1.0ft	0.30m
4.0ft	1.22m	30.5fc	1.4ft	0.42m	1.4ft	0.42m
5.0ft	1.52m	19.6fc	1.8ft	0.54m	1.7ft	0.51m
6.0ft	1.82m	13.6fc	2.2ft	0.67m	2.1ft	0.64m

Delivered Lumen: 180.7 lm
 ■ Vertical Beam Spread : 20.4°
 ■ Horizontal Beam Spread : 19.6°

Polar Candela Distribution



Beam Width: 30°

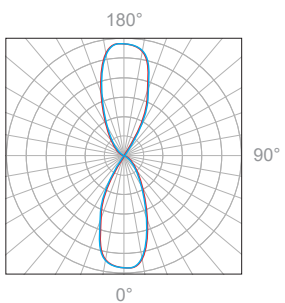


Illuminance at a Distance | Mounting Height: 1' (0.3m)

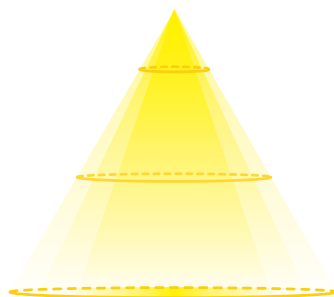
Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	346fc	0.5ft	0.15m	0.5ft	0.15m
2.0ft	0.61m	86.4fc	0.9ft	0.27m	0.9ft	0.27m
3.0ft	0.91m	38.4fc	1.4ft	0.42m	1.4ft	0.42m
4.0ft	1.22m	21.6fc	1.8ft	0.55m	1.8ft	0.55m
5.0ft	1.52m	13.8fc	2.3ft	0.70m	2.3ft	0.70m
6.0ft	1.82m	9.60fc	2.7ft	0.82m	2.7ft	0.82m

Delivered Lumen: 183 lm
 ■ Vertical Beam Spread : 25.6°
 ■ Horizontal Beam Spread : 25.6°

Polar Candela Distribution



Beam Width: 45°

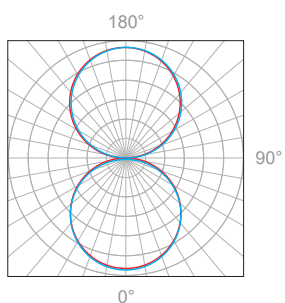


Illuminance at a Distance | Mounting Height: 1' (0.3m)

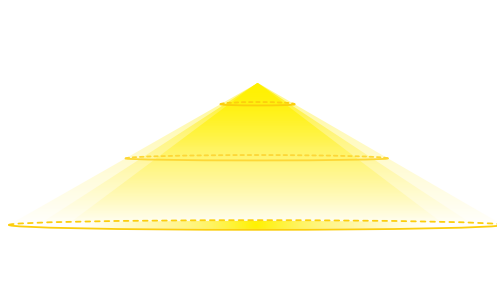
Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	125fc	0.8ft	0.24m	0.8ft	0.24m
2.0ft	0.61m	31.4fc	1.6ft	0.48m	1.6ft	0.48m
3.0ft	0.91m	13.9fc	2.4ft	0.73m	2.4ft	0.73m
4.0ft	1.22m	7.84fc	3.3ft	1.00m	3.3ft	1.00m
5.0ft	1.52m	5.02fc	4.1ft	1.25m	4.1ft	1.25m
6.0ft	1.82m	3.48fc	4.9ft	1.49m	4.9ft	1.49m

Delivered Lumen: 168.8 lm
 ■ Vertical Beam Spread : 44.4°
 ■ Horizontal Beam Spread : 44.4°

Polar Candela Distribution



Beam Width: 120°



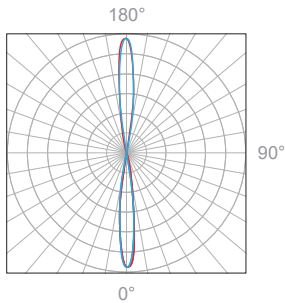
Illuminance at a Distance | Mounting Height: 1' (0.3m)

Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	33.8fc	0.8ft	0.24m	1.6ft	0.48m
2.0ft	0.61m	8.44fc	1.7ft	0.51m	3.2ft	0.97m
3.0ft	0.91m	3.75fc	2.5ft	0.76m	4.9ft	1.46m
4.0ft	1.22m	2.11fc	3.3ft	1.00m	6.5ft	1.98m
5.0ft	1.52m	1.35fc	4.2ft	1.28m	8.1ft	2.46m
6.0ft	1.82m	0.94fc	5.0ft	1.52m	9.7ft	2.95m

Delivered Lumen: 143.2 lm
 ■ Vertical Beam Spread : 45.1°
 ■ Horizontal Beam Spread : 77.8°

2W, 3000K, 90+ CRI | Each side

Polar Candela Distribution



Beam Width: 12°

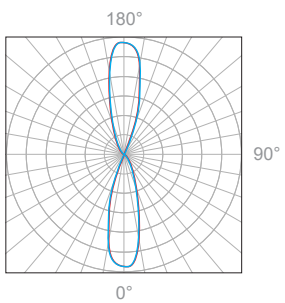


Illuminance at a Distance | Mounting Height: 1' (0.3m)

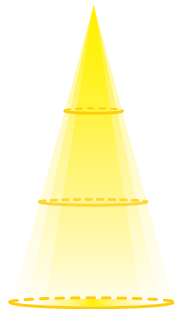
Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	888fc	0.4ft	0.12m	0.3ft	0.09m
2.0ft	0.61m	222fc	0.7ft	0.21m	0.7ft	0.21m
3.0ft	0.91m	98.6fc	1.1ft	0.33m	1.0ft	0.30m
4.0ft	1.22m	55.5fc	1.4ft	0.42m	1.4ft	0.42m
5.0ft	1.52m	35.5fc	1.8ft	0.54m	1.7ft	0.51m
6.0ft	1.82m	24.7fc	2.2ft	0.67m	2.1ft	0.64m

Delivered Lumen: 327.6 lm
 ■ Vertical Beam Spread : 20.4°
 ■ Horizontal Beam Spread : 19.6°

Polar Candela Distribution



Beam Width: 30°

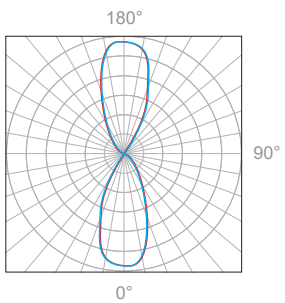


Illuminance at a Distance | Mounting Height: 1' (0.3m)

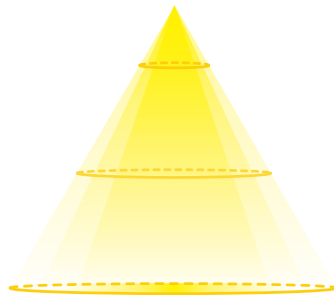
Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	629fc	0.5ft	0.15m	0.5ft	0.15m
2.0ft	0.61m	157fc	0.9ft	0.27m	0.9ft	0.27m
3.0ft	0.91m	69.9fc	1.4ft	0.42m	1.4ft	0.42m
4.0ft	1.22m	39.3fc	1.9ft	0.57m	1.8ft	0.54m
5.0ft	1.52m	25.1fc	2.4ft	0.73m	2.3ft	0.70m
6.0ft	1.82m	17.5fc	2.8ft	0.85m	2.7ft	0.82m

Delivered Lumen: 331.7 lm
 ■ Vertical Beam Spread : 26.6°
 ■ Horizontal Beam Spread : 25.5°

Polar Candela Distribution



Beam Width: 45°

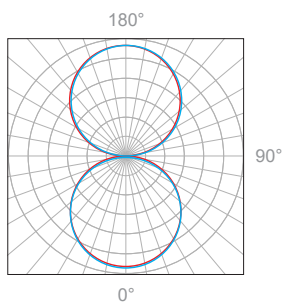


Illuminance at a Distance | Mounting Height: 1' (0.3m)

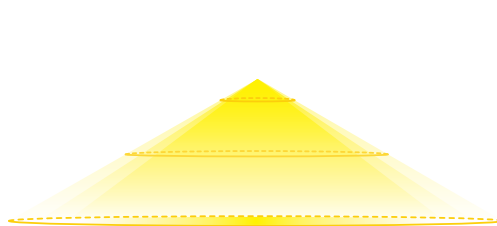
Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	225fc	0.8ft	0.24m	0.8ft	0.24m
2.0ft	0.61m	56.3fc	1.6ft	0.48m	1.6ft	0.48m
3.0ft	0.91m	25.0fc	2.5ft	0.76m	2.5ft	0.76m
4.0ft	1.22m	14.1fc	3.3ft	1.00m	3.3ft	1.00m
5.0ft	1.52m	9.00fc	4.1ft	1.25m	4.1ft	1.25m
6.0ft	1.82m	6.25fc	4.9ft	1.49m	4.9ft	1.49m

Delivered Lumen: 304.1 lm
 ■ Vertical Beam Spread : 44.7°
 ■ Horizontal Beam Spread : 44.7°

Polar Candela Distribution



Beam Width: 120°



Illuminance at a Distance | Mounting Height: 1' (0.3m)

Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	61.1fc	0.8ft	0.24m	1.6ft	0.48m
2.0ft	0.61m	15.3fc	1.5ft	0.55m	3.3ft	1.00m
3.0ft	0.91m	6.79fc	2.3ft	0.76m	4.9ft	1.46m
4.0ft	1.22m	3.82fc	3.0ft	0.91m	6.6ft	2.01m
5.0ft	1.52m	2.44fc	3.8ft	1.15m	8.2ft	2.50m
6.0ft	1.82m	1.70fc	4.5ft	1.37m	9.8ft	2.98m

Delivered Lumen: 257.9 lm
 ■ Vertical Beam Spread : 41.2°
 ■ Horizontal Beam Spread : 78.6°