L394

EXTERIOR | INTERIOR
Wall-mount | For walls

- Wet, Damp, and Dry location

Ordering Information

Clear Form

Date : _____ Quantity : _____

Project : _____ Note : _____

Type : _____ _____

Specifications

Luminaire | Example Code: L394-2-W30H-MK1-S-MA

Product	Version	CCT & CRI [1]	Mounting Kit [2] (optional)	Flange & Back Box [3,4]	Trim Finish
L394					**MA**
	1 1W **2** 2W	**W22S** 2200K 80+ **W27H** 2700K 90+ **W30H** 3000K 90+ **W35H** 3500K 90+ **W40H** 4000K 90+	**MK1** vertical surface	**Octagonal Aluminum Back Box with:** **S** standard flange depth: 2-7/8" (73mm) **NB** no back box or flange	**MA** matte clear anodized

System Components (Ordered Separately)

Remote Driver : _____ * Consult MP Lighting Website or Factory.

Important Notes

Specification

1. *See pg.2 - for Light Quality and Colour Consistency details.*
2. *Mounting kit is ordered separately. Please consult factory.*
3. *For components included, refer to Luminaire Construction section.*
4. *See pg.3 - for back box and flange 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.

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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	4.3 lm
2W	700mA	2.6W	220 lm	8.5 lm

Application

Environment	Wet / Damp / Dry Location approved. IP 68.
Mounting	**Recessed:** Designed to be cast into concrete. Included backbox, flange and level for direct burial or casting applications. **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	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

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 **W40H =** CCT: 4000K, CRI (Ra): 90+, Colour Consistency: 2SDCM
Weight	N/A
Material	Machined marine-grade aluminum with tempered glass.
Supplied with	Comes with an octagonal back box, a flange, an integral leveling device, a plastic cap, gel filled wire nuts, and silicone grease. **Cable:** 6" (152mm) factory-installed wire lead
Warranty & LED Life	5 years limited warranty Estimated useful life of LED is 50,000 hours.

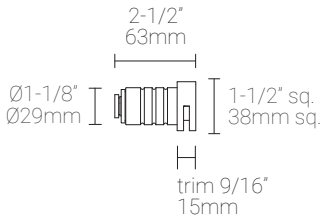
Ordered Separately

System Components	**Power supplies:** remote driver Please consult factory or visit Recommended Drivers for available driver options. **Mounting kits:** MK1 **Single gang boxes:** see Pg.3-5 Mounting Options & Dimensions.

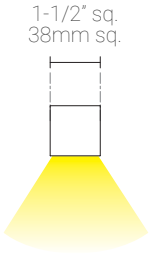
Mounting Options & Dimensions

LED Insert Dimensions

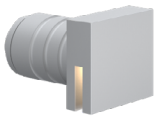
Fixture



Top View



3D View

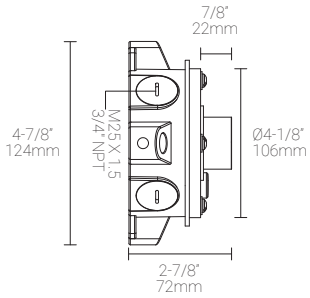


Beam

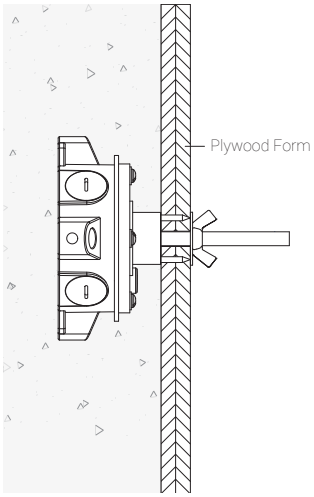
Mounting Kits

MK1 (MK1-OCT1-B**) : Ceiling, Wall, and Stair Riser Installation (shown with MP Lighting Back Box |** Order Code: EBX-OCT1-BSMA**)**

Box with Standard Flange

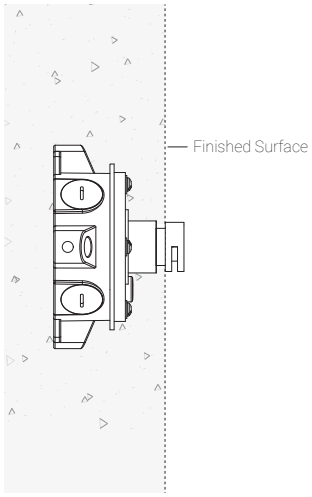


Box with Standard Flange & MK1:
During Installation



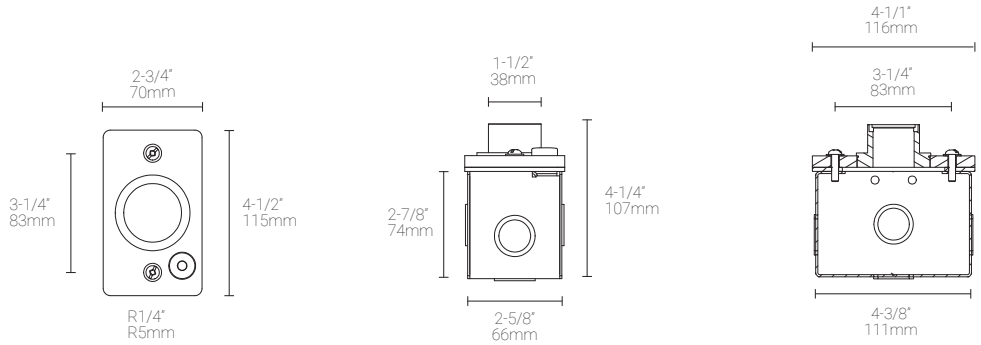
6" (152mm) threaded rod is supplied. Thread size: 3/8"-16

Box with Standard Flange
Complete Installation

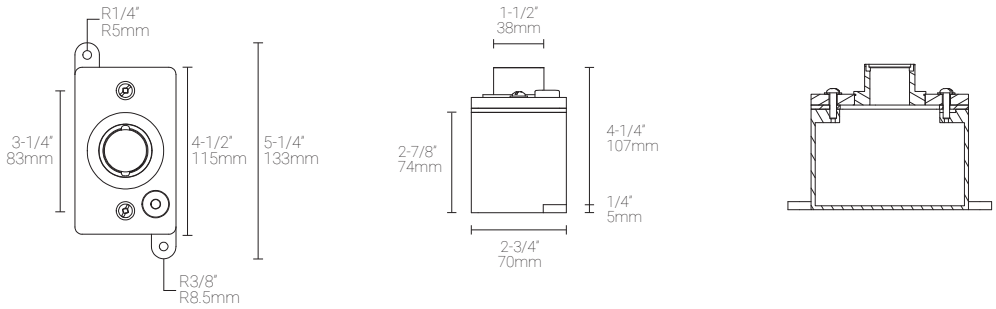


Custom Rectangular Back Box for Wall Installation (shown with Standard Flange)

MP Lighting Single Gang Back Box | Order Code: EBX-SGB1-BSS6



Scepter FD Back Box | Order Code: EBX-SFD-BSS6



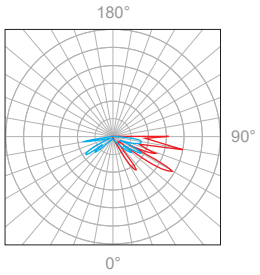
Appendix

Aluminum Finishes

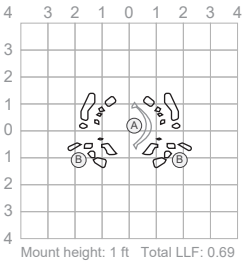
MA matte clear anodized

1W, 2700K, 90+ CRI

Polar Candela Distribution



Isofootcandle Plot



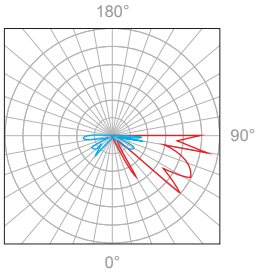
Illuminance at a Distance

Location	Center Beam fc
A	2.46fc
B	0.82fc
C	0.16fc
D	0.05fc

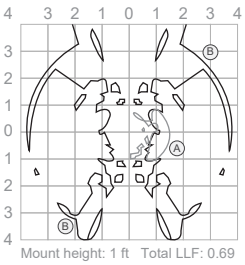
Delivered Lumen: 4.3 lm
Vertical Beam Spread: 165.8°
Horizontal Beam Spread: 25.6°

2W, 2700K, 90+ CRI

Polar Candela Distribution



Isofootcandle Plot



Illuminance at a Distance

Location	Center Beam fc
A	4.4fc
B	1.11fc
C	0.21fc
D	0.7fc

Delivered Lumen: 4.3 lm
Vertical Beam Spread: 165.8°
Horizontal Beam Spread: 25.6°