L390

EXTERIOR | INTERIOR
Wall-mount | For walls, and stairs

● Wet, Damp, and Dry location

Ordering Information | Clear Form

Date :		Quantity :	
Project :		Note :	
Type :			

Specifications

Luminaire | Example Code: L390-2-W30H-F-MK1-S-S3

Product	Version	CCT & CRI [1]	Lens	Mounting Kit [2] (optional)	Mounting	Trim Finish
L390			**F**			**S3**
	1 1W	**W22S** 2200K 80+	**F** frosted	**MK1** vertical surface	**Octagonal Aluminium Back Box with:**	**Stainless Steel Finish:**
	2 2W	**W27H** 2700K 90+			**S** standard flange | depth: 3-1/2" (89mm)	**S3** stainless steel 303
		W30H 3000K 90+				
		W35H 3500K 90+		**NB** no back box	
		W41H 4100K 90+			

System Components (Ordered Separately)

Remote Driver : _____

* Consult MP Lighting Website or Factory.

Important Notes

Specification

1. *Consult MP factory for Colour LED options.*
2. *Mounting kit is ordered separately. Please consult factory.*

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	9.1 lm
2W	700mA	2.6W	220 lm	16 lm

Application

Environment	Wet / Damp / Dry Location approved. IP 66.
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), and downward-facing surfaces (e.g. ceilings, soffits). 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 (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: 2SDCM **W41H =** CCT: 4100K, CRI (Ra): 90+, Colour Consistency: 3SDCM
Standard Compliance	✓ADA-compliant ✓WELL standard – Feature 58: Color Quality
Weight	N/A
Material	**Fixture:** Stainless steel (303) with ploycarbonate lens, RoHS compliant.
Supplied with	**Standard installation housing:** 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	**Mounting kits:** MK1 **Power Supplies:** remote driver Please consult factory or visit Recommended Drivers for available driver options.

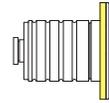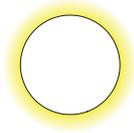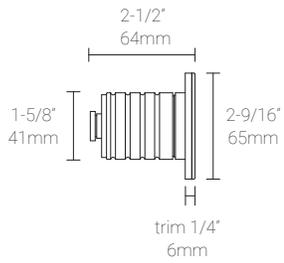## Mounting Options & Dimensions

LED Insert Dimensions

Fixture

2-1/2"
64mm
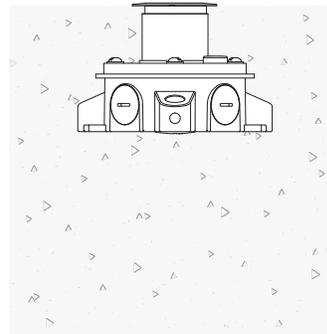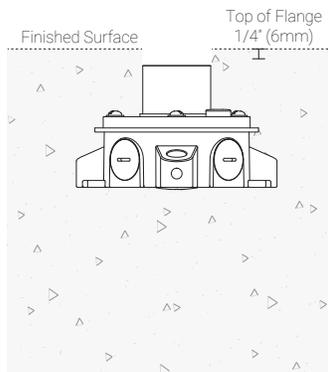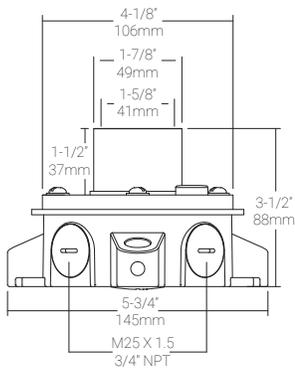
1-5/8"
41mm

2-9/16"
65mm

trim 1/4"
6mm

Top View

3D View

In-ground Installation | Shown with MP Lighting Back Box & Standard Flange (Order Code: EBX-OCT1-CSMA**)**

Box with Standard Flange

4-1/8"
106mm

1-7/8"
49mm

1-5/8"
41mm

1-1/2"
37mm

3-1/2"
88mm

5-3/4"
145mm

M25 X 1.5
3/4" NPT

Box with Standard Flange:
During Concrete Installation
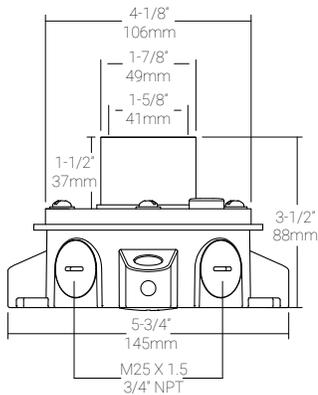

Finished Surface

Top of Flange
1/4" (6mm)

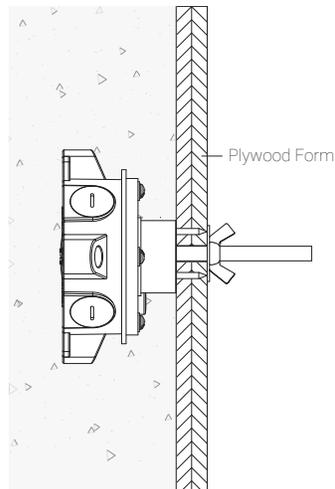Box with Standard Flange:
Complete Concrete Installation

Mounting Kits

MK1(MK1-OCT1-C) **: Ceiling, Wall, and Stair Riser Installation | Shown with MP Lighting Back Box** (Order Code: EBX-OCT1-CSMA)
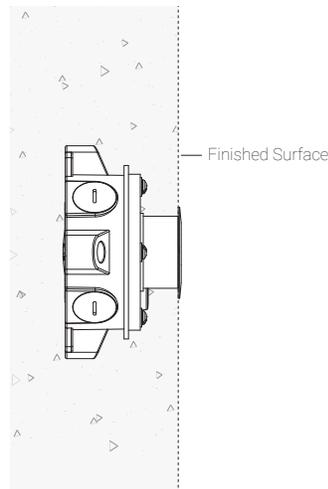
Box with Standard Flange
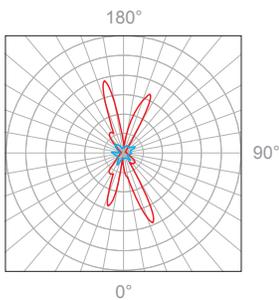
Box with Standard Flange & MK1: During Installation

Box with Standard Flange: Complete Installation

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

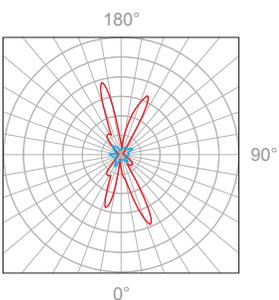## 1W, 3000K, 90+ CRI

Polar Candela Distribution

Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	0.04fc	9.9ft	3.02m	0.7ft	0.21m
6.0ft	1.83m	0.01fc	19.8ft	6.04m	1.4ft	0.43m
9.0ft	2.74m	0.00fc	29.7ft	9.05m	2.2ft	0.67m
12.0ft	3.66m	0.00fc	39.6ft	12.07m	2.9ft	0.88m
15.0ft	4.57m	0.00fc	49.5ft	15.09m	3.6ft	1.10m
18.0ft	5.49m	0.00fc	59.4ft	18.11m	4.3ft	1.31m

Delivered Lumen: 9.1lm
■ Vertical Beam Spread: 117.6°
■ Horizontal Beam Spread: 13.7°

2W, 3000K, 90+ CRI

Polar Candela Distribution

Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	0.09fc	9.9ft	3.02m	0.7ft	0.21m
6.0ft	1.83m	0.02fc	19.8ft	6.04m	1.4ft	0.43m
9.0ft	2.74m	0.01fc	29.7ft	9.05m	2.2ft	0.67m
12.0ft	3.66m	0.01fc	39.6ft	12.07m	2.9ft	0.88m
15.0ft	4.57m	0.00fc	49.5ft	15.09m	3.6ft	1.10m
18.0ft	5.49m	0.00fc	59.4ft	18.11m	4.3ft	1.31m

Delivered Lumen: 16lm
■ Vertical Beam Spread: 117.6°
■ Horizontal Beam Spread: 13.7°