L396

EXTERIOR | INTERIOR

Wall-mount | For walls, and stairs

- Wet, Damp, and Dry location

Ordering Information

Clear Form

Date : _____

Project : _____

Type : _____

Quantity : _____

Note : _____

Specifications

Luminaire | Example Code: L396-2-W30H-F-MK1-S6

Product	Version	CCT & CRI [1]	Lens	Mounting Kit [2] (optional)	Trim Finish
L396			**F**		
	1 1W **2** 2W	**W22S** 2200K 80+ **W27H** 2700K 90+ **W30H** 3000K 90+ **W35H** 3500K 90+ **W40H** 4000K 90+	**F** frosted	**MK1** vertical surface	**Aluminum Finish:** **MA** matte clear anodized **BK** black powder coated **Stainless Steel Finish:** **S6** stainless steel 316L

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	11.4 lm
2W	700mA	2.6W	220 lm	22.6 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

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	Stainless steel (316L) with ploycarbonate lens, RoHS compliant.
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.

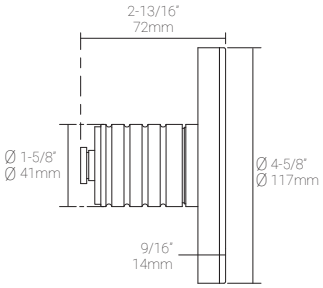
Ordered Separately

System Components	**Mounting kits:** MK1 **Power Supplies:** remote driver Please consult factory or visit Recommended Drivers for available driver options.

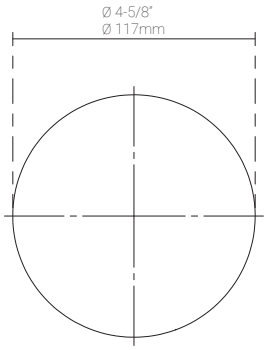
Mounting Options & Dimensions

LED Insert Dimensions

Fixture

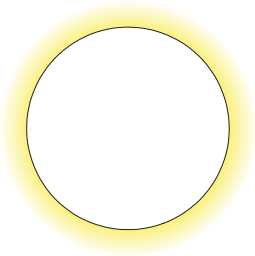


Front View



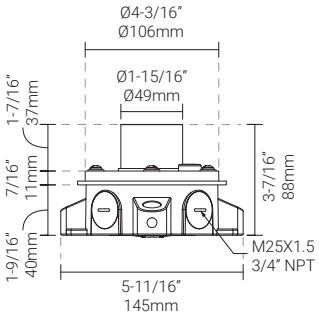
3D View

Beam

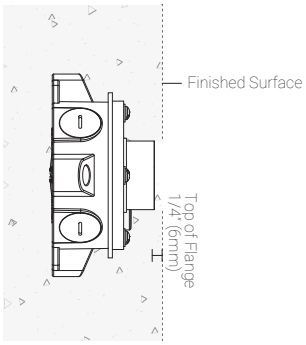


Wall Installation (shown with MP Lighting Back Box & Standard Flange | Order Code: EBX-OCT1-CSMA**)**

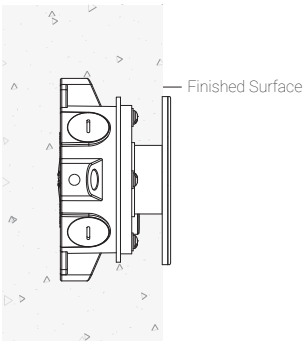
Box with Standard Flange



Box with Standard Flange:
During Concrete Installation

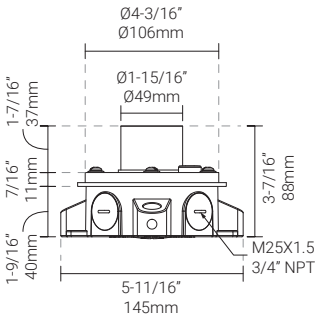


Box with Standard Flange:
Complete Concrete Installation

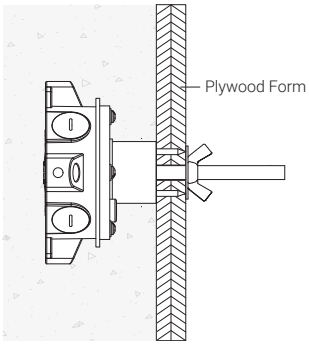


MK1(MK1-OCT1-C**): Ceiling, Wall, and Stair Riser Installation (shown with MP Lighting Back Box |** Order Code: EBX-OCT1-CSMA**)**

Box with Standard Flange

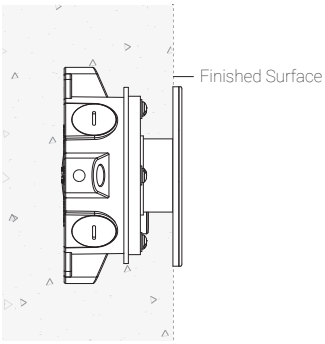


Box with Standard Flange & MK1:
During Installation



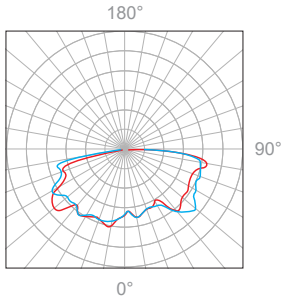
6" (152mm) threaded rod is supplied. Thread size: 3/8"-16

Box with Standard Flange:
Complete Installation



1W, 3000K, 90+ CRI

Polar Candela Distribution



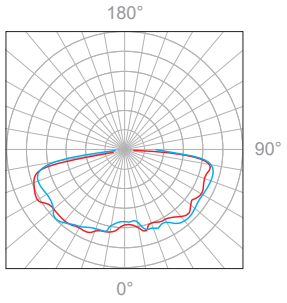
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
1.5ft	0.46m	0.72fc	10.2ft	3.1m	21.6ft	6.6m
3.0ft	0.91m	0.18fc	20.4ft	6.2m	43.1ft	13.1m
4.5ft	1.37m	0.08fc	30.7ft	9.3m	64.7ft	19.7m
6.0ft	1.83m	0.04fc	40.9ft	12.4m	86.3ft	26.3m
7.5ft	2.29m	0.03fc	51.1ft	15.6m	107.9ft	32.9m
9.0ft	2.74m	0.02fc	61.3ft	18.7m	129.4ft	39.4m

Delivered Lumen: 11.4lm
Vertical Beam Spread: 147.3°
Horizontal Beam Spread: 164.2°

2W, 3000K, 90+ CRI

Polar Candela Distribution



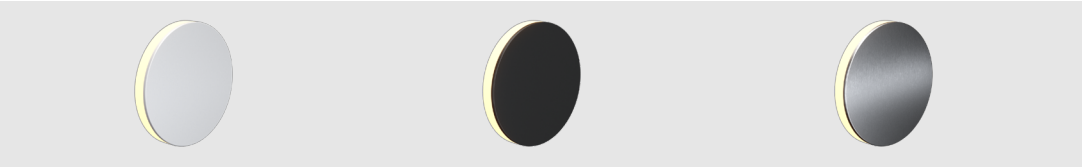
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
1.5ft	0.46m	1.43fc	9.6ft	2.9m	21.2ft	6.4m
3.0ft	0.91m	0.36fc	19.1ft	5.8m	42.4ft	517.2m
4.5ft	1.37m	0.16fc	28.7ft	8.7m	63.6ft	776.4m
6.0ft	1.83m	0.09fc	38.3ft	11.6m	84.7ft	1035m
7.5ft	2.29m	0.06fc	47.9ft	14.6m	105.9ft	1295m
9.0ft	2.74m	0.04fc	57.4ft	17.5m	127.1ft	1553m

Delivered Lumen: 22.6lm
Vertical Beam Spread: 145.2°
Horizontal Beam Spread: 163.9°

Appendix

Aluminum Finishes



MA matte clear anodized

BK black powder coated

S6 stainless steel (316L)