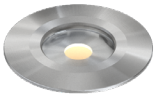
M382

EXTERIOR | INTERIOR

In-grade | For decks and floors

- Wet, Damp, and Dry location



Ordering Information

Clear Form

Date : _____

Project : _____

Type : _____

Quantity : _____

Note : _____

Specifications

Luminaire | Example Code: M382-1-W30H-S-C-S6

Product	Wattage	CCT & CRI	Beam Angle	Lens	Trim Finish
M382				**C**	**S6**
	1 1W	**W22S** 2200K 80+ **W27H** 2700K 90+ **W30H** 3000K 90+ **W35H** 3500K 90+ **W40H** 4000K 90+	**S** spot 15° **N** narrow flood 30° **F** flood 80°	**C** clear	**Stainless Steel Finish:** **S6** stainless steel 316L

System Components (Ordered Separately)

Remote Driver : _____

* Consult MP Lighting Website or Factory.

Important Notes

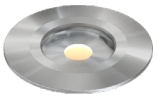
Warranty Notes & Disclaimer

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.

M382

EXTERIOR | INTERIOR
In-grade | For decks and floors

- Wet, Damp, and Dry location



Performance

Wattage	Forward Current	Power Consumption Budget per fixture (including driver)	LED output (Source)	Fixture Output (Delivered)
1W	350mA	1.3W	110 lm	61.7-77.8 lm

Application

Environment	Dry / Damp / Wet Location approved. IP 66.
Drive Over Rating	9,700 lbs (4,400 kg)
Mounting	**Recessed:** Recessed mount to surfaces with friction fit spring clip. **Cut-out size:** 1-1/2" (38mm)

Electrical

Electrical	Remote LED drivers (converter driver from constant voltage output to constant current output, 350mA): Fixtures to be wired in series.
Control	**On/off control | Dimming:** 0-10V dimming with appropriate driver **Other options (consult factory):** 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 stainless steel (316L) with tempered glass
Supplied with	**Standard installation housing:** Comes with spring clips. **Optional**: waterproof (IP 66) enclosure box with 1 or 2 cable glands, 1 vent, and aluminum plate.
Warranty & LED Life	5 years limited warranty Estimated useful life of LED is 50,000 hours.

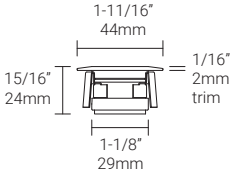
Ordered Separately

System Components	**Power supplies:** remote driver Please consult factory or visit Recommended Drivers for available driver options. Please consult factory or visit Marine Enclosure Boxes for available enclosure box options.

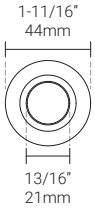
Mounting Options & Dimensions

LED Insert Dimensions

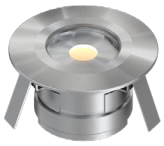
Fixture



Top View



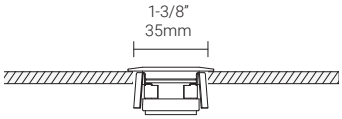
3D View



Beam

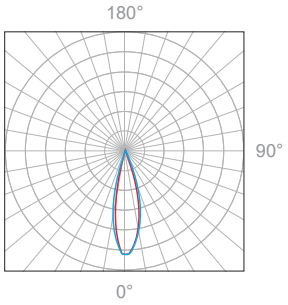
Installation

Fixture inserted into 1-3/8" (35mm) cutout hole

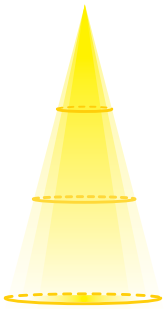


1W, 3000K, 90+ CRI

Polar Candela Distribution



Beam Width: 15°



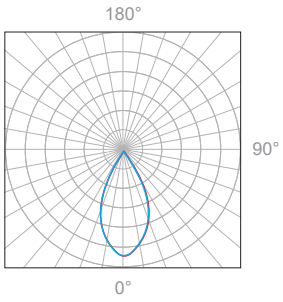
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
1.5ft	0.46m	96.5fc	0.7ft	0.21m	0.7ft	0.21m
3.0ft	0.91m	24.1fc	1.4ft	0.42m	1.4ft	0.42m
4.5ft	1.37m	10.7fc	2.1ft	0.64m	2.1ft	0.64m
6.0ft	1.83m	6.03fc	2.8ft	0.85m	2.8ft	0.85m
7.5ft	2.29m	3.86fc	3.5ft	1.09m	3.5ft	1.09m
9.0ft	2.74m	2.68fc	4.2ft	1.28m	4.2ft	1.28m

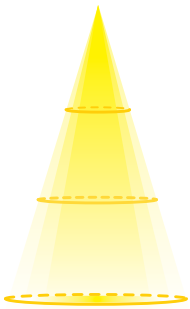
Delivered Lumen: 73.2 lm
Vertical Beam Spread: 26.5°
Horizontal Beam Spread: 26.3°

Tested on 10/07/2024

Polar Candela Distribution



Beam Width: 30°



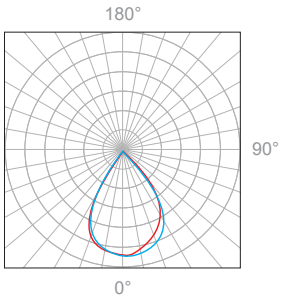
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
1.5ft	0.46m	71.5fc	1.0ft	0.30m	1.0ft	0.30m
3.0ft	0.91m	17.9fc	2.0ft	0.61m	2.0ft	0.61m
4.5ft	1.37m	7.94fc	3.0ft	0.91m	3.0ft	0.91m
6.0ft	1.83m	4.47fc	4.0ft	1.22m	4.0ft	1.22m
7.5ft	2.29m	2.86fc	5.0ft	1.52m	5.0ft	1.52m
9.0ft	2.74m	1.98fc	6.0ft	1.82m	6.0ft	1.82m

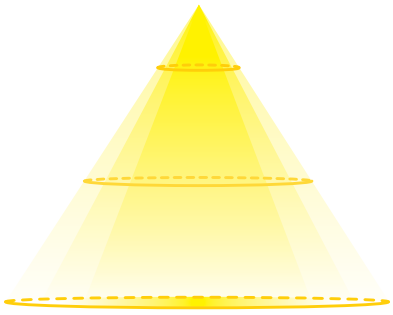
Delivered Lumen: 77.8 lm
Vertical Beam Spread: 36.7°
Horizontal Beam Spread: 36.6°

Tested on 10/07/2024

Polar Candela Distribution



Beam Width: 80°



Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
1.5ft	0.46m	71.5fc	2.7ft	0.82m	2.6ft	0.79m
3.0ft	0.91m	17.9fc	5.3ft	1.61m	5.3ft	1.61m
4.5ft	1.37m	7.97fc	8.0ft	2.43m	7.9ft	2.40m
6.0ft	1.83m	4.47fc	10.7ft	3.26m	10.6ft	3.23m
7.5ft	2.29m	2.86fc	13.3ft	4.05m	13.2ft	4.02m
9.0ft	2.74m	1.98fc	16.0ft	4.87m	15.9ft	4.84m

Delivered Lumen: 61.7 lm
Vertical Beam Spread: 83.2°
Horizontal Beam Spread: 82.8°

Tested on 10/07/2024