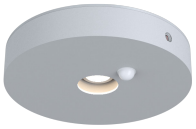
L133

EXTERIOR | INTERIOR

Surface Mount Downlight | For ceilings, counters & cabinets

Damp and Dry location | Photocell | Motion Sensor



Ordering Information

Clear Form

Date : _____

Project : _____

Type : _____

Quantity : _____

Note : _____

Specifications

Luminaire | Example Code: L133-8-P-W30H-S-B-MA

Product	Version	Sensor [1]	CCT & CRI [2]	Beam Angle	Surface-Mount Box [3] [4] (optional)	Finish
L133	**8**					**MA**
	8 8W	**P** photocell sensor **M** motion sensor **B** both sensors	**W22S** 2200K 80+ **W27H** 2700K 90+ **W30H** 3000K 90+ **W35H** 3500K 90+	**S** spot 12° **N** narrow flood 30° **F** flood 48°	**B** surface-mount box	**MA** matte clear anodized

Important Notes

Specification

1. *Photocell sensor hole will be always on the housing whether the fixture uses it or not.*
2. *Refer to pg.02 - for Light Quality & Colour Consistency details.*
3. *Refer to pg.03-04 - for images and installation guide. Surface mount box comes bare (no finishes available) with matte gray plugs. Can be painted on-site to match desired surface.*
4. *Surface-Mount Box must be used with integral driver.*

Warranty Notes & Disclaimer

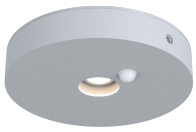
Malfunction and damage to product due to incompatible dimming system or misuse will not be covered under warranty. Consult MP Lighting for recommended drivers. If the fixture has an option to be installed with a dimming control system, consult a dimming system manufacturer with minimum load before installing. 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.

L133

EXTERIOR | INTERIOR

Surface Mount Downlight | For ceilings, counters & cabinets

Damp and Dry location | Photocell | Motion Sensor



Performance

Wattage	Forward Current	Power Consumption Budget per fixture (including driver)	LED output (Source)	Fixture Output (Delivered)
8W	700mA	9W	880 lm	568.9-626.4 lm

Application

Environment	Damp and Dry Location approved. IP 62.
Mounting	Mounts to a 4" octagonal box (supplied by others) or mounts with built-in surface-mount box (optional).

Electrical

Electrical	Remote LED drivers (100~240V AC input, 12V constant voltage output)
Control	**On/off control**

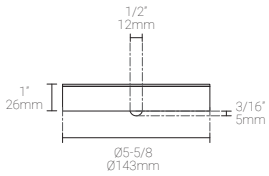
Luminaire Construction

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
Weight	N/A
Material	**Fixture:** machined marine-grade aluminum
Supplied with	**Standard installation housing:** Comes with an adapter plate, two #8-32 screws, and wire nuts OR with the optional Surface mount back box (B).
Warranty & LED Life	5 years limited warranty. Estimated useful life of LED is 50,000 hours.

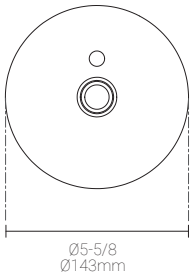
Mounting Options & Dimensions

LED Fixture Dimensions

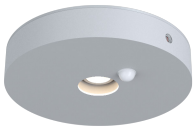
Fixture

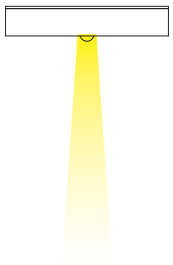


Top View



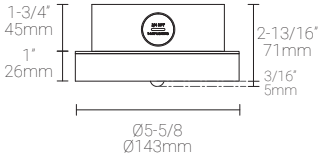
3D View



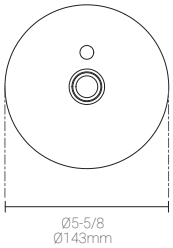


LED Fixture Dimensions | with B, surface-mount box

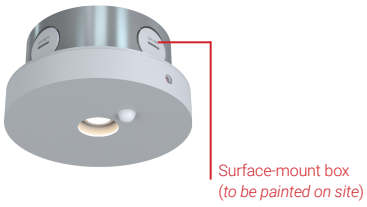
Fixture



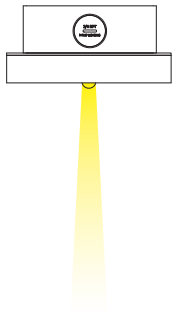
Bottom View



3D View

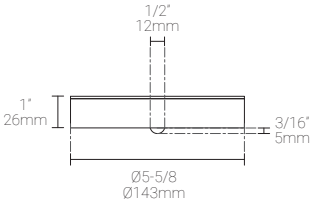


Beam

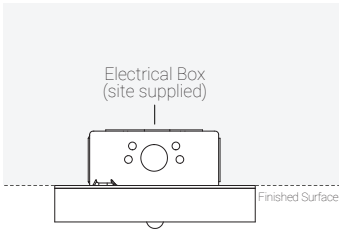


Installation with standard 4" octagonal back box (supplied by others)

Fixture

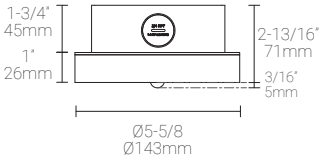


Ceiling mounted

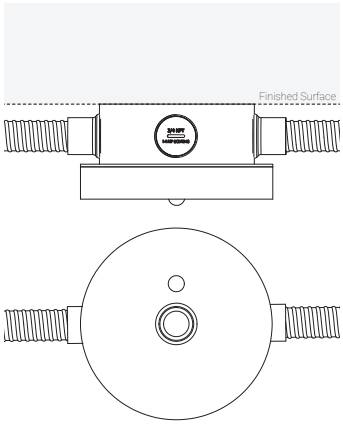


LED Fixture Dimensions | with B, surface-mount box

Fixture

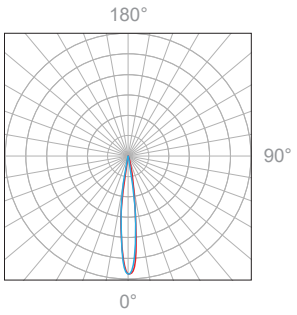


Ceiling mounted



8W, 3000K, 90+ CRI

Polar Candela Distribution



Beam Width: 12°



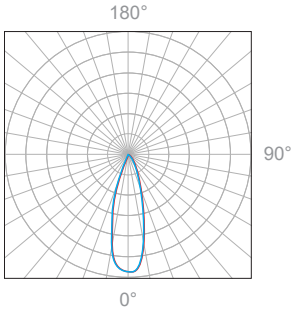
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	358fc	1.1ft	0.33m	1.2ft	0.36m
6.0ft	1.83m	89.5fc	2.3ft	0.70m	2.3ft	0.70m
9.0ft	2.74m	39.8fc	3.4ft	1.03m	3.5ft	1.06m
12.0ft	3.66m	22.4fc	4.5ft	1.37m	4.7ft	1.43m
15.0ft	4.57m	14.3fc	5.6ft	1.70m	5.8ft	1.76m
18.0ft	5.49m	9.94fc	6.8ft	2.07m	7.0ft	2.13m

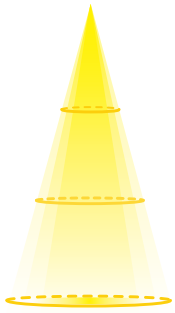
Delivered Lumen: 626.4 lm
Vertical Beam Spread: 21.3°
Horizontal Beam Spread: 22°

Tested on 07/08/2025

Polar Candela Distribution



Beam Width: 30°



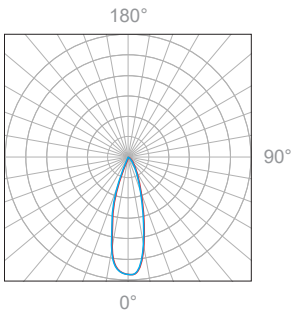
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	286fc	1.3ft	0.40m	1.3ft	0.40m
6.0ft	1.83m	71.5fc	2.7ft	0.88m	2.6ft	0.85m
9.0ft	2.74m	31.8fc	4.0ft	1.21m	3.9ft	1.18m
12.0ft	3.66m	17.9fc	5.4ft	1.64m	5.1ft	1.55m
15.0ft	4.57m	11.4fc	6.7ft	2.04m	6.4ft	1.95m
18.0ft	5.49m	7.94fc	8.1ft	2.46m	7.7ft	2.34m

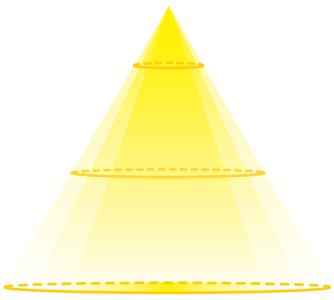
Delivered Lumen: 619.6 lm
Vertical Beam Spread: 25.3°
Horizontal Beam Spread: 24.1°

Tested on 07/08/2025

Polar Candela Distribution



Beam Width: 48°



Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	90.9fc	2.4ft	0.73m	2.5ft	0.76m
6.0ft	1.83m	22.7fc	4.8ft	1.46m	5.0ft	1.52m
9.0ft	2.74m	10.1fc	7.3ft	2.22m	7.5ft	2.28m
12.0ft	3.66m	5.68fc	9.7ft	2.95m	10.0ft	3.04m
15.0ft	4.57m	3.64fc	12.1ft	3.68m	12.5ft	3.81m
18.0ft	5.49m	2.53fc	14.5ft	4.42m	15.0ft	4.57m

Delivered Lumen: 568.9 lm
Vertical Beam Spread: 43.9°
Horizontal Beam Spread: 45.3°

Tested on 07/08/2025