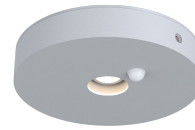


# L133

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 <sup>1</sup>	CCT & CRI <sup>2</sup>	Beam Angle	Surface-Mount Box <sup>3 4</sup> (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

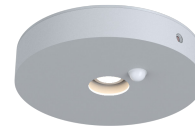
Malfunction and damage to product due to incompatible dimming system or misuse will not be covered under warranty. Consult MP Lighting for recommended drivers. If the fixture has an option to be installed with a dimming control system, consult a dimming system manufacturer with minimum load before installing. 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	582-604.5 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	<b>On/off control</b>

## Luminaire Construction

LED Light Source	<b>W22S</b> = CCT: 2200K, CRI (Ra): 80+, Colour Consistency: 3SDCM <b>W27H</b> = CCT: 2700K, CRI (Ra): 90+, Colour Consistency: 2SDCM <b>W30H</b> = CCT: 3000K, CRI (Ra): 90+, Colour Consistency: 2SDCM <b>W35H</b> = CCT: 3500K, CRI (Ra): 90+, Colour Consistency: 2SDCM
Weight	N/A
Material	<b>Fixture:</b> machined marine-grade aluminum
Supplied with	<b>Standard installation housing:</b> 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.

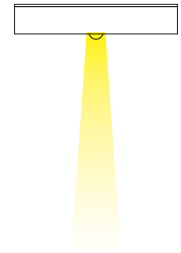
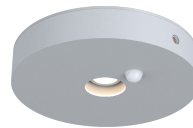
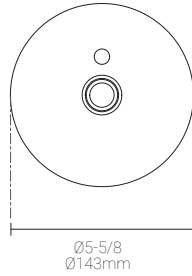
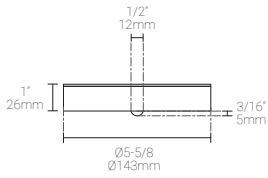
Mounting Options & Dimensions

LED Fixture Dimensions

Fixture

Top View

3D View



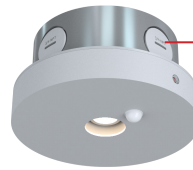
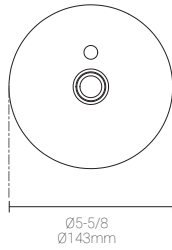
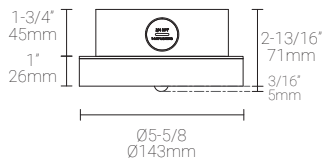
LED Fixture Dimensions | with B, surface-mount box

Fixture

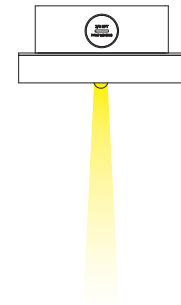
Bottom View

3D View

Beam



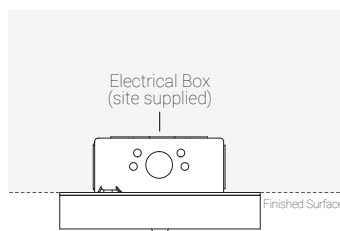
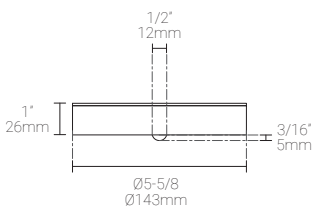
Surface-mount box  
(to be painted on site)



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

Fixture

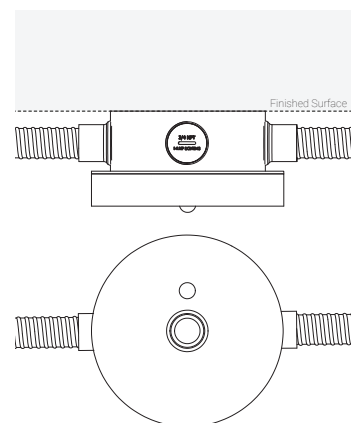
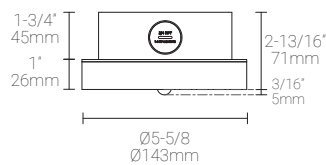
Ceiling mounted



LED Fixture Dimensions | with B, surface-mount box

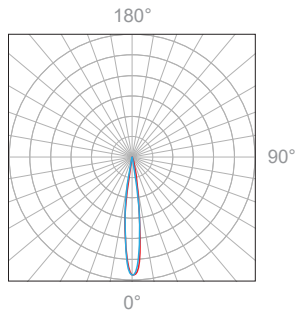
Fixture

Ceiling mounted



8W, 3000K, 90+ CRI

**Polar Candela Distribution**



**Beam Width: 12°**

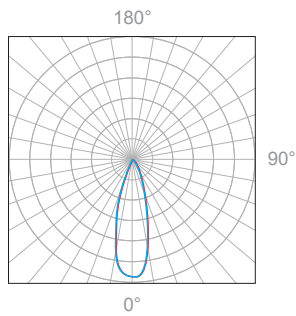


**Illuminance at a Distance**

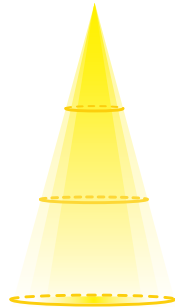
Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	281fc	1.2ft	0.36m	1.2ft	0.36m
6.0ft	1.83m	70.3fc	2.5ft	0.76m	2.5ft	0.76m
9.0ft	2.74m	31.2fc	3.7ft	1.12m	3.7ft	1.12m
12.0ft	3.66m	17.6fc	4.9ft	1.49m	5.0ft	1.52m
15.0ft	4.57m	11.2fc	6.2ft	1.89m	6.2ft	1.89m
18.0ft	5.49m	7.81fc	7.4ft	2.25m	7.5ft	2.28m

Delivered Lumen: 581.9 lm  
 ■ Vertical Beam Spread: 23.3°  
 ■ Horizontal Beam Spread: 23.4°

**Polar Candela Distribution**



**Beam Width: 30°**

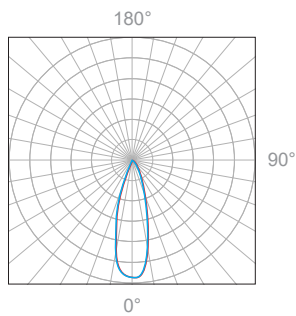


**Illuminance at a Distance**

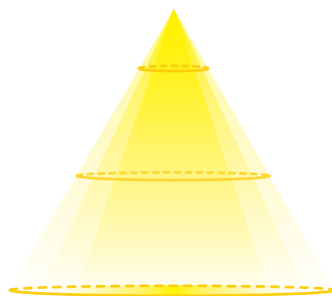
Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	263fc	1.4ft	0.43m	1.3ft	0.40m
6.0ft	1.83m	65.7fc	2.8ft	0.85m	2.7ft	0.88m
9.0ft	2.74m	29.2fc	4.3ft	1.31m	4.0ft	1.21m
12.0ft	3.66m	16.4fc	5.7ft	1.73m	5.3ft	1.61m
15.0ft	4.57m	10.5fc	7.1ft	2.16m	6.6ft	2.01m
18.0ft	5.49m	7.29fc	8.5ft	2.59m	8.0ft	2.43m

Delivered Lumen: 604.5 lm  
 ■ Vertical Beam Spread: 26.7°  
 ■ Horizontal Beam Spread: 25.0°

**Polar Candela Distribution**



**Beam Width: 48°**



**Illuminance at a Distance**

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	90.0fc	2.6ft	0.79m	2.4ft	0.73m
6.0ft	1.83m	22.5fc	5.2ft	1.58m	4.8ft	1.46m
9.0ft	2.74m	10.0fc	7.8ft	2.37m	7.1ft	2.16m
12.0ft	3.66m	5.63fc	10.4ft	3.17m	9.5ft	2.89m
15.0ft	4.57m	3.60fc	13.0ft	3.96m	11.9ft	3.62m
18.0ft	5.49m	2.50fc	15.6ft	4.75m	14.3ft	4.35m

Delivered Lumen: 584.9 lm  
 ■ Vertical Beam Spread: 46.7°  
 ■ Horizontal Beam Spread: 43.2°