

L132

EXTERIOR | INTERIOR

Surface Mount Downlight | For ceilings, counters & cabinets

• Wet, Damp, and Dry location



Ordering Information

Clear Form

Date : _____ Quantity : _____

Project : _____ Note : _____

Type : _____

Specifications

Luminaire | Example Code: L132-4-W30H-S-B-MA

Product	Version	CCT & CRI ¹	Beam Angle	Surface-mount Box ² (optional)	Finish
L132	4				MA
	4 4W	W22H 2200K 90+ W27H 2700K 90+ W30H 3000K 90+ W35H 3500K 90+	S spot 12° N narrow flood 30°	B surface-mount box	MA matte clear anodized

Important Notes

Specification

1. Refer to pg.02 - for Light Quality & Colour Consistency details.
2. Refer to pg.03-04 - for images and installation guide.

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)
4W	350mA	4W	440 lm	208-261 lm

Application

Environment	Wet, Damp, Dry Location approved. IP 64.
Mounting	Mounts with built-in surface-mount box (optional) or mounts to a 4" octagonal box (supplied by others)

Electrical

Electrical	Integral LED drivers (120V AC input, ELV dimmable, constant current output). For exterior use , the driver needs to be remote or mounted in back box. Consult factory for alternative driver options or driver options for exterior use.
Control	On/off control Dimming: ELV dimming Other options (consult factory): TRIAC/MLV, DMX, DALI, Casambi, Power over Ethernet

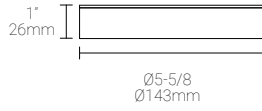
Luminaire Construction

LED Light Source	W22H = CCT: 2200K, CRI (Ra): 90+, 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.
Warranty & LED Life	5 years limited warranty Estimated useful life of LED is 50,000 hours.

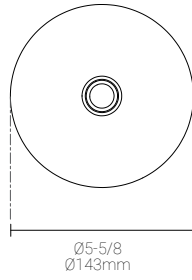
Mounting Options & Dimensions

LED Fixture Dimensions

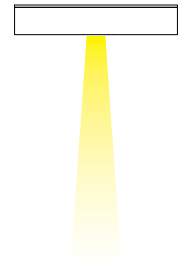
Fixture



Top View

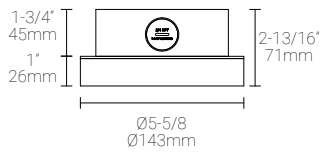


3D View

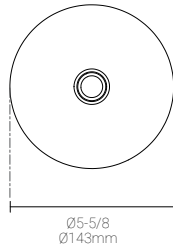


LED Fixture Dimensions | with B, surface-mount box

Fixture



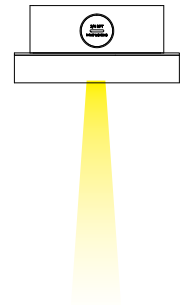
Bottom View



3D View



Beam



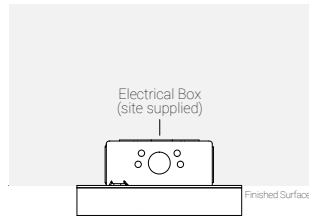
Mounting Options & Dimensions

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

Fixture

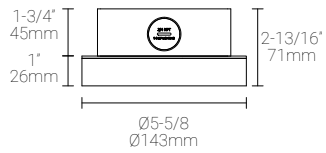


Ceiling mounted

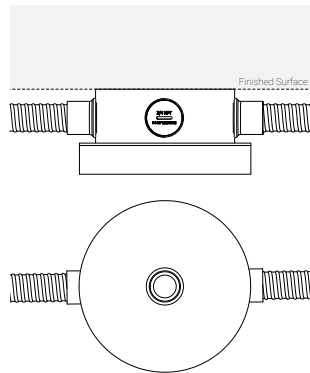


LED Fixture Dimensions | with B, surface-mount box

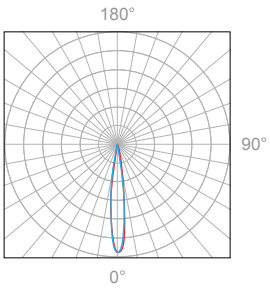
Fixture



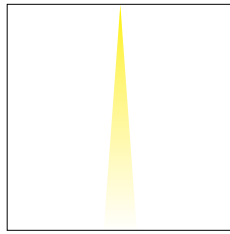
Ceiling mounted



Polar Candela Distribution



Beam Width: 12°

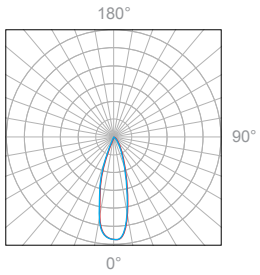


Illuminance at a Distance

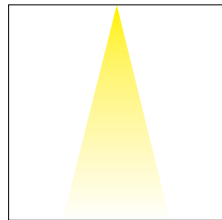
Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	359fc	0.8ft	0.24m	0.8ft	0.24m
6.0ft	1.83m	89.8fc	1.5ft	0.46m	1.5ft	0.46m
9.0ft	2.74m	39.9fc	2.3ft	0.70m	2.3ft	0.70m
12.0ft	3.66m	22.5fc	3.0ft	0.91m	3.0ft	0.91m
15.0ft	4.57m	14.4fc	3.8ft	1.16m	3.8ft	1.16m
18.0ft	5.49m	9.98fc	4.5ft	1.37m	4.5ft	1.37m

Delivered Lumen: 283.7lm
 ■ Vertical Beam Spread: 14.4°
 ■ Horizontal Beam Spread: 14.3°

Polar Candela Distribution



Beam Width: 30°



Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	148fc	1.4ft	0.43m	1.4ft	0.43m
6.0ft	1.83m	37.1fc	2.8ft	0.85m	2.7ft	0.88m
9.0ft	2.74m	16.5fc	4.1ft	1.25m	4.1ft	1.25m
12.0ft	3.66m	9.72fc	5.5ft	1.68m	5.5ft	1.68m
15.0ft	4.57m	5.93fc	6.9ft	2.10m	6.9ft	2.10m
18.0ft	5.49m	4.12fc	8.3ft	2.53m	8.6ft	2.50m

Delivered Lumen: 273.8lm
 ■ Vertical Beam Spread: 25.9°
 ■ Horizontal Beam Spread: 25.8°