L131

EXTERIOR | INTERIOR

Surface Mount Downlight | For ceilings, counters & cabinets

- Damp & Dry location



Ordering Information

Clear Form

Date : _____

Project : _____

Type : _____

Quantity : _____

Note : _____

Specifications

Luminaire | Example Code: L131-7-W30H-30-MA

Product	Version	CCT & CRI [1]	Beam Angle	Finish
L131	**7**			
	7 7.5W (3 x 2.5W)	**W22S** 2200K 80+ **W27H** 2700K 90+ **W30H** 3000K 90+ **W35H** 3500K 90+ **W40H** 4000K 90+	**12** 12° beam **30** 30° beam **60** 60° beam	**MA** matte clear anodized **BA** black anodized **WH** white powder coated

Important Notes

Specification

1. *Refer to pg.02 - for Light Quality & Colour Consistency details.*

Warranty Notes & Disclaimer

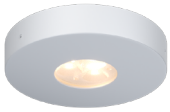
Malfunction and damage to product due to incompatible dimming system or misuse will not be covered under warranty. Consult MP Lighting for recommended drivers. If the fixture has an option to be installed with a dimming control system, consult a dimming system manufacturer with minimum load before installing.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

L131

EXTERIOR | INTERIOR

Surface Mount Downlight | For ceilings, counters & cabinets

Damp & Dry location



Performance

Wattage	Forward Current	Power Consumption Budget per fixture (including driver)	LED output (Source)	Fixture Output (Delivered)
7.5W (3 x 2.5W)	700mA	9W	825 lm	484.8-528.1 lm

Application

Environment	Wet, Damp, Dry Location approved. IP 54.
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, non-dimmable, **constant current output**). Consult factory for remote driver options.
Control	**On/off control** **Other options (consult factory):** TRIAC/MLV, DMX, DALI, Casambi, Power over Ethernet

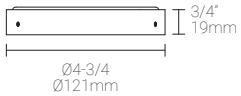
Luminaire Construction

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	0.84lbs (0.38kg)
Material	Machined marine-grade aluminum
Supplied with	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.

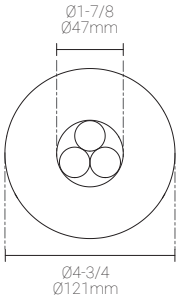
Mounting Options & Dimensions

LED Fixture Dimensions

Fixture

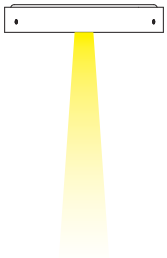


Top View



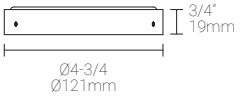
3D View



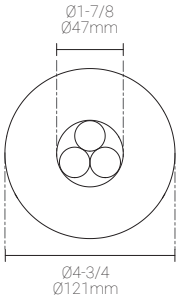


Installation

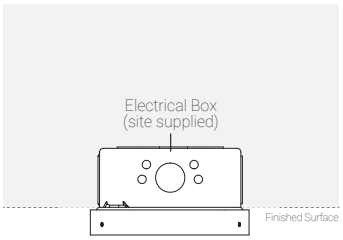
Fixture



Top View



Installed



Appendix

Aluminum Finishes



MA matte clear anodized

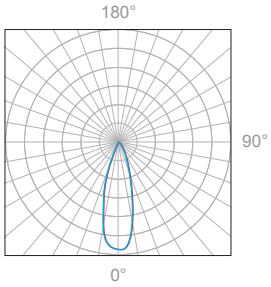


BK black anodized

WH white powder coated

7W, 3000K, 90+ CRI

Polar Candela Distribution



Beam Width: 12°



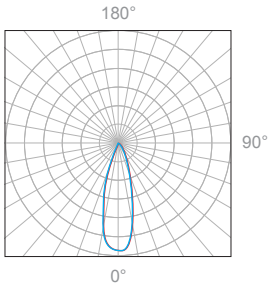
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	709fc	0.7ft	0.21m	0.7ft	0.21m
6.0ft	1.83m	177fc	1.4ft	0.42m	1.4ft	0.42m
9.0ft	2.74m	78.8fc	2.1ft	0.64m	2.1ft	0.64m
12.0ft	3.66m	44.3fc	2.8ft	0.85m	2.8ft	0.85m
15.0ft	4.57m	28.4fc	3.4ft	1.03m	3.5ft	1.06m
18.0ft	5.49m	19.7fc	4.1ft	1.25m	4.2ft	1.28m

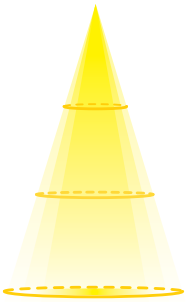
Delivered Lumen: 528.1 lm
Vertical Beam Spread: 13.1°
Horizontal Beam Spread: 13.2°

Tested on 07/08/2025

Polar Candela Distribution



Beam Width: 30°



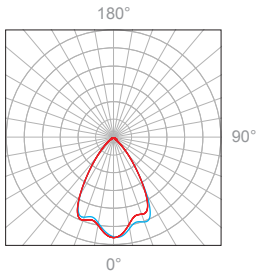
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	413fc	1.0ft	0.30m	1.0ft	0.30m
6.0ft	1.83m	103fc	2.0ft	0.61m	2.1ft	0.64m
9.0ft	2.74m	45.9fc	3.0ft	0.91m	3.1ft	0.94m
12.0ft	3.66m	25.8fc	4.0ft	1.22m	4.1ft	1.25m
15.0ft	4.57m	16.5fc	5.0ft	1.52m	5.1ft	1.55m
18.0ft	5.49m	11.5fc	6.0ft	1.82m	6.2ft	1.89m

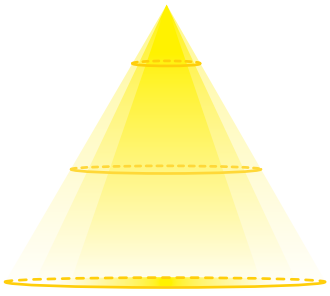
Delivered Lumen: 510.5 lm
Vertical Beam Spread: 18.8°
Horizontal Beam Spread: 19.5°

Tested on 07/08/2025

Polar Candela Distribution



Beam Width: 60°



Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	85fc	2.3ft	0.70m	2.0ft	0.61m
6.0ft	1.83m	21.3fc	4.6ft	1.40m	3.9ft	1.18m
9.0ft	2.74m	9.45fc	6.9ft	2.10m	5.9ft	1.79m
12.0ft	3.66m	5.31fc	9.2ft	2.80m	7.8ft	2.37m
15.0ft	4.57m	3.40fc	11.5ft	6.50m	9.8ft	2.98m
18.0ft	5.49m	2.36fc	13.8ft	4.20m	11.8ft	3.59m

Delivered Lumen: 484.8 lm
Vertical Beam Spread: 41.9°
Horizontal Beam Spread: 36.2°

Tested on 07/08/2025