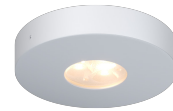# L131

EXTERIOR | INTERIOR

Surface Mount Downlight | For ceilings, counters & cabinets

○ Damp & Dry location

CSA ℞ CE

Ordering Information   Clear Form

Date :

Quantity :

Project :

Note :

Type :

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+ **W41H** 4100K 90+	**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	240-266 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

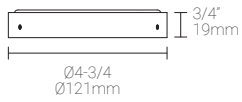|	
Electrical	Integral LED drivers (120V AC input, non-dimmable, **constant current output**). Consult factory for remote driver options.
Control	**On/off control** **Other options (consult factory):** TRIAC/MLV, DMX, DALI, Casambi, Power over Ethernet

Luminaire Construction

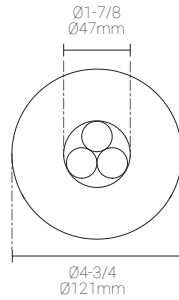|	
LED Light Source	**W22S =** CCT: 2200K, CRI (Ra): 80+, Colour Consistency: 3SDCM **W27H =** CCT: 2700K, CRI (Ra): 90+, Colour Consistency: 2SDCM **W30H =** CCT: 3000K, CRI (Ra): 90+, Colour Consistency: 2SDCM **W35H =** CCT: 3500K, CRI (Ra): 90+, Colour Consistency: 2SDCM **W41H =** CCT: 4100K, CRI (Ra): 90+, Colour Consistency: 3SDCM
Weight	0.84lbs (0.38kg)
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.

MPLIGHTING

Mounting Options & Dimensions
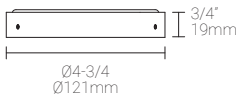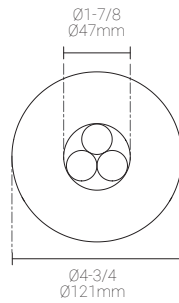
LED Fixture Dimensions

Fixture

Top View

3D View

Ø1-7/8
Ø47mm

3/4"
19mm

Ø4-3/4
Ø121mm

Ø4-3/4
Ø121mm
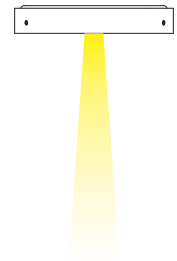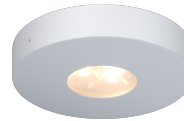
Installation

Fixture

Top View

Installed

Ø1-7/8
Ø47mm

3/4"
19mm

Ø4-3/4
Ø121mm

Ø4-3/4
Ø121mm

Electrical Box
(site supplied)
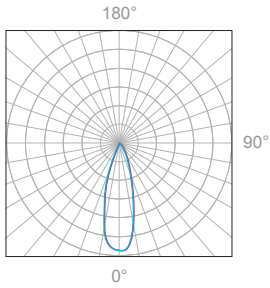
Finished Surface
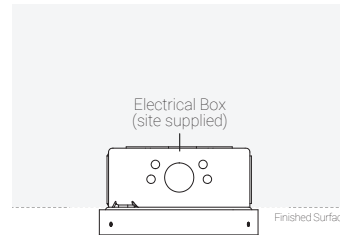
7W, 2700K, 90+ CRI

Polar Candela Distribution

Beam Width: 30°
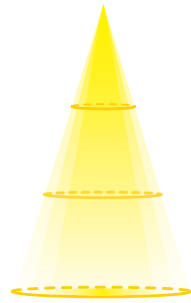
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	386fc	1.6ft	0.49m	1.6ft	0.49m
6.0ft	1.83m	94fc	3.2ft	0.98m	3.2ft	0.98m
9.0ft	2.74m	41fc	4.8ft	1.46m	4.8ft	1.46m
12.0ft	3.66m	22fc	6.4ft	1.95m	6.4ft	1.95m
15.0ft	4.57m	14fc	8.0ft	2.44m	8.0ft	2.44m
18.0ft	5.49m	10fc	9.6ft	2.93m	9.6ft	2.93m

Delivered Lumen: 266lm
■ Vertical Beam Spread: 31.3°
■ Horizontal Beam Spread: 31.3°

Polar Candela Distribution
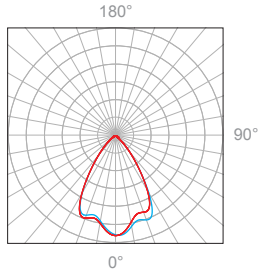
Beam Width: 60°
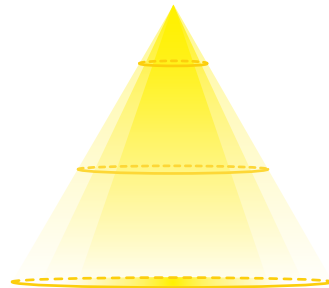
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	82fc	4.1ft	1.25m	4.1ft	1.25m
6.0ft	1.83m	20fc	8.2ft	2.50m	8.2ft	2.50m
9.0ft	2.74m	9.1fc	12.3ft	3.75m	12.3ft	3.75m
12.0ft	3.66m	5.1fc	16.4ft	4.99m	16.4ft	4.99m
15.0ft	4.57m	3.3fc	20.6ft	6.28m	20.6ft	6.28m
18.0ft	5.49m	2.4fc	24.7ft	7.53m	24.7ft	7.53m

Delivered Lumen: 240lm
■ Vertical Beam Spread: 68.8°
■ Horizontal Beam Spread: 68.5°

Appendix

Aluminum Finishes

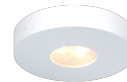**MA** matte clear anodized

BK black powder coated

WH white powder coated