

L402

EXTERIOR | INTERIOR
Adjustable Recessed Downlight

○ Damp and Dry location



Ordering Information

Clear Form

Date : _____

Quantity : _____

Project : _____

Note : _____

Type : _____

Specifications

Luminaire | Example Code: L402-13-L-W30V-S-B-B-BK

Product	Wattage	Dimming	CCT & CRI ²	Beam Angle	Reflector Colour	Baffle Colour	Trim Finish
L402	13						
	13 13W	Integral Driver: D 0~10V dimming T Triac dimming LU Lutron dimming Remote Driver: M DMX L DALI Non-dimmable: ND non-dimmable ¹	Standard LED Module: W27H 2700K 90+ W30H 3000K 90+ W35H 3500K 90+ W27V 2700K 97+ W30V 3000K 97+ Custom LED Module: Warm Dim: WD 1800K-3000K 95+ SORAA: SOR27 2700K 95+ SOR30 3000K 95+ Xicato Artist: X27 2700K 95+ X30 3000K 95+ X35 3500K 95+	S spot 15° N narrow flood 30°	S silver reflector B black reflector	S silver baffle B black baffle	WH white powder coat BK black powder coat

System Components (Ordered Separately)

Remote Driver : _____

* Consult MP Lighting Website or Factory.

Important Notes

Specifications

1. Non-dimmable option: 120V input only.
2. For custom LED module option, lead time might vary. Please consult factory to specify this option and confirm the specific lead time.

Further information and images

For custom LED module option, lead time might vary. Please consult factory to specify this option and confirm the specific lead time. For images of different colour options, please refer to **Appendix**.

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. Only DC Drivers are recommended for dimming systems. 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 without notice, to make design changes to any of our products.

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Performance

LED Module	Wattage	Forward Current	Power Consumption Budget per fixture (including driver)	LED output (Source)	Fixture Output (Delivered)
Standard	13W	350mA	16W	1430 lm	701-702 lm
Xicato Artist	8W	350mA	16W	1430 lm	530-594 lm
SORAA	10W	350mA	16W	1430 lm	500-515 lm
Warm Dim	13W	350mA	16W	1430 lm	806 lm

Application

Environment	Dry / Damp Location approved. IP 42.
Field Customization	Field replaceable LED Zhaga module
Mounting	Non-insulated type frame in kit with hanger bars to mount to joist. Ceiling cut out 4"(102mm) aperture.

Electrical

Electrical	<p>Integral Driver: 120V AC (Triac, 0-10V, or Lutron), 277V AC (0-10V)</p> <p>Remote Driver: 120V AC or 277V AC (DMX or DALI)</p> <p>Remote Emergency Driver/inverter options available, please consult factory for more information.</p>
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Luminaire Construction

Weight	1.4 lbs (638 g).
Material	Fixture: aluminum
Supplied with	Non-insulated housing
Warranty & LED Life	5 years limited warranty Estimated useful life of LED is 50,000 hours.

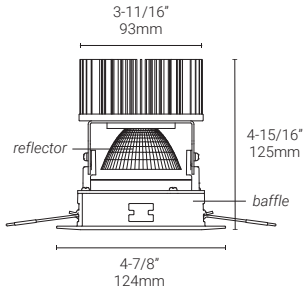
Ordered Separately

System Components	Power supplies: remote driver
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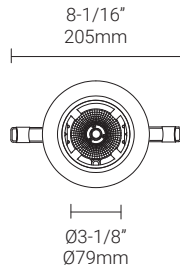
Mounting Options & Dimensions

LED Insert Dimensions

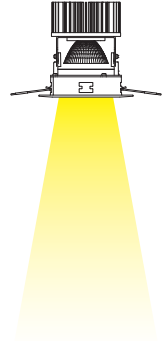
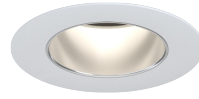
Fixture



Front View

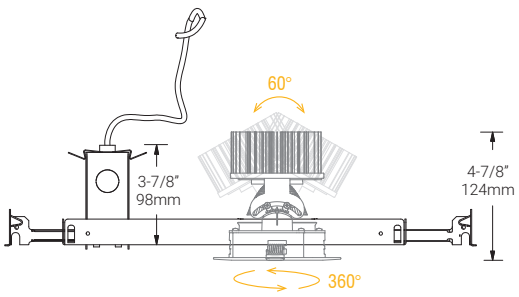


3D View

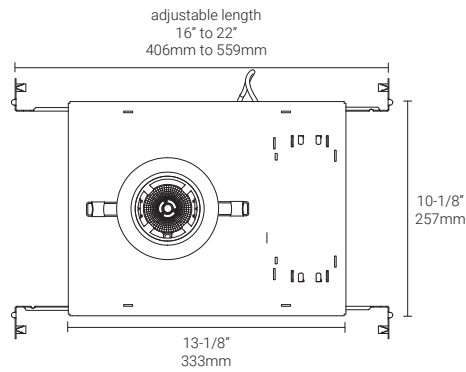


Non-Insulated Housing

Side View



Front View

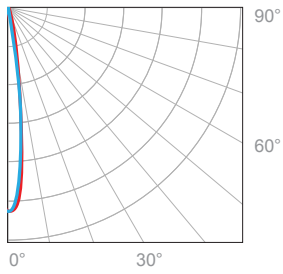


3D View



Standard LED Module | 13W, 3000K, 90+ CRI | Silver Reflector and Silver Baffle

Polar Candela Distribution



Beam Width: 15°

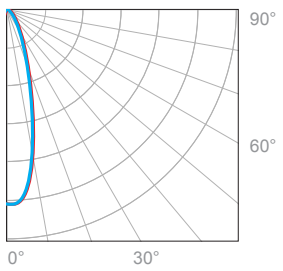


Illuminance at a Distance

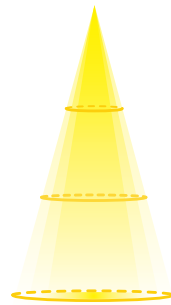
Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	370.2fc	0.9ft	0.27m	0.9ft	0.27m
6.0ft	1.83m	92.5fc	1.9ft	0.57m	1.8ft	0.54m
9.0ft	2.74m	41.1fc	2.8ft	0.85m	2.7ft	0.82m
12ft	3.66m	23.1fc	3.7ft	1.12m	3.6ft	1.09m
15ft	4.57m	14.8fc	4.6ft	1.40m	4.6ft	1.40m
18ft	5.49m	10.3fc	5.6ft	1.70m	5.5ft	1.67m

Delivered Lumen: 701.1 lm
 ■ Vertical Beam Spread: 17.6°
 ■ Horizontal Beam Spread: 17.3°

Polar Candela Distribution



Beam Width: 30°



Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	179.2fc	1.7ft	0.52m	1.7ft	0.52m
6.0ft	1.83m	44.8fc	3.4ft	1.04m	3.4ft	1.04m
9.0ft	2.74m	19.9fc	5.1ft	1.55m	5.1ft	1.55m
12ft	3.66m	11.2fc	6.8ft	2.07m	6.8ft	2.07m
15ft	4.57m	7.2fc	8.5ft	2.59m	8.5ft	2.59m
18ft	5.49m	5.0fc	10.2ft	3.10m	10.2ft	3.10m

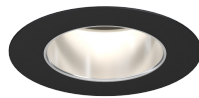
Delivered Lumen: 702 lm
 ■ Vertical Beam Spread: 31.5°
 ■ Horizontal Beam Spread: 31.5°

Appendix

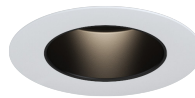
Aluminum Finishes



WH white trim with silver reflector and baffle



BK black trim with silver reflector and baffle



WH white trim with black reflector and baffle



BK black trim with black reflector and baffle

Halogen Dim (Warm Dim)

Warm Dim VS. Halogen

