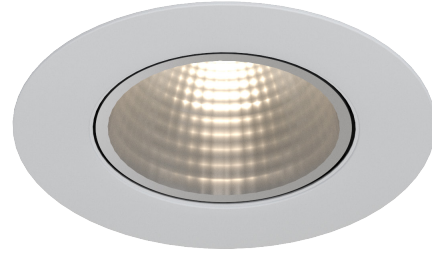


# L401

EXTERIOR | INTERIOR  
Recessed Downlight

○ Damp and Dry location



## Ordering Information

Clear Form

Date : \_\_\_\_\_ Quantity : \_\_\_\_\_

Project : \_\_\_\_\_ Note : \_\_\_\_\_

Type : \_\_\_\_\_

## Specifications

Luminaire | Example Code: L401-13-D-W30V-S-S-BK

Product	Wattage	Dimming	CCT & CRI <sup>1</sup>	Beam Angle	Reflector Colour	Trim Finish
<b>L401</b>	<b>13</b>					
	13 13W	<b>Integral Driver:</b> D 0~10V dimming T Triac dimming LU Lutron dimming  <b>Remote Driver:</b> M DMX L DALI  <b>Non-dimmable:</b> ND non-dimmable	<b>Standard LED Module:</b> W27H 2700K 90+ W30H 3000K 90+ W35H 3500K 90+ W27V 2700K 97+ W30V 3000K 97+  <b>Custom LED Module:</b> <b>Warm Dim:</b> WD 1800K-3000K 95+  <b>SORAA:</b> SOR27 2700K 95+ SOR30 3000K 95+  <b>Xicato Artist:</b> X27 2700K 95+ X30 3000K 95+ X35 3500K 95+  <b>Daylight Spectrum:</b> DAY 3000K 97+  <b>Lumenetix:</b> L 1650K-4000K 90+	S spot 10° N narrow flood 30° F flood 40°	S silver specular B black specular	WH white powder coat BK black powder coat

### System Components (Ordered Separately)

Remote Driver : \_\_\_\_\_

\* Consult MP Lighting Website or Factory.

### Important Notes

#### Specifications

1. 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**.

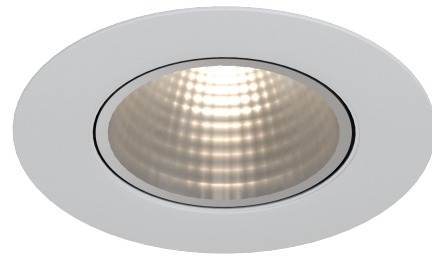
#### Warranty Notes & Disclaimer

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.

# L401

EXTERIOR | INTERIOR  
Recessed Downlight

○ Damp and Dry location



## 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	590~1030 lm
Xicato Artist	8W	350mA	16W	1430 lm	530~594 lm
SORAA	10W	350mA	16W	1430 lm	500~515 lm
Daylight Spectrum	13W	350mA	16W	1430 lm	750 lm
Lumenetix	12W	500mA	15W	480 lm	480 lm
Warm Dim	13W	350mA	16W	1430 lm	806 lm

## Application

Environment	Dry / Damp Location approved. IP 54.
Field Customization	Field replaceable LED Zhaga module
Mounting	Non-insulated type frame in kit with hanger bars to mount to joist. Ceiling cutout size: Ø4"(102mm)

## Electrical

Electrical	<p><b>Integral Driver:</b> 120V AC (Triac, 0-10V, or Lutron), 277V AC (0-10V)</p> <p><b>Remote Driver:</b> 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	1.2 lbs (548 g).
Material	<b>Fixture:</b> aluminum
Supplied with	<b>Non-insulated housing</b>
Warranty & LED Life	5 years limited warranty Estimated useful life of LED is 50,000 hours.

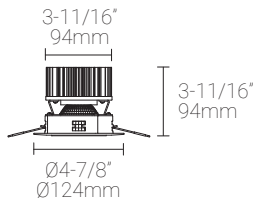
## Ordered Separately

System Components	<b>Power supplies:</b> remote driver
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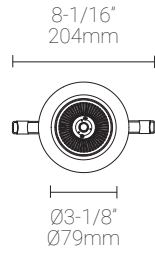
Mounting Options & Dimensions

LED Insert Dimensions

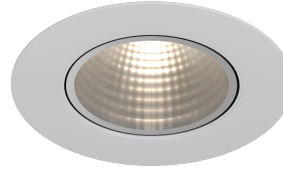
Fixture



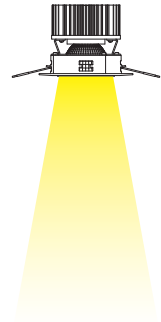
Front View



3D View

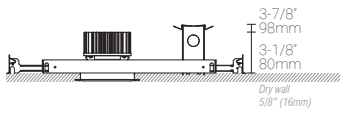


Beam

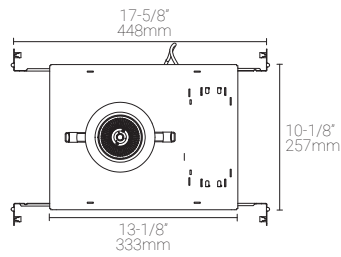


Non-Insulated Housing

Side View



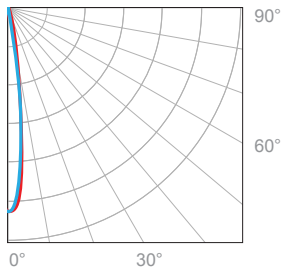
Front View



3D View



**Polar Candela Distribution**



**Beam Width: 10°**

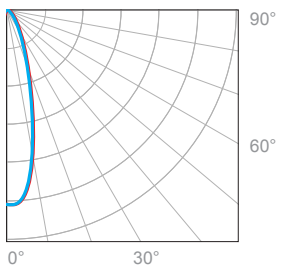


**Illuminance at a Distance**

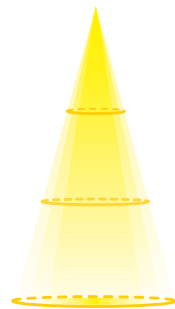
Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	1378fc	0.7ft	0.21m	0.8ft	0.24m
6.0ft	1.83m	330fc	1.5ft	0.45m	1.5ft	0.45m
9.0ft	2.74m	142fc	2.2ft	0.67m	2.3ft	0.70m
12ft	3.66m	79fc	3.0ft	0.91m	3.0ft	0.91m
15ft	4.57m	50fc	3.7ft	1.12m	3.8ft	1.15m
18ft	5.49m	35fc	4.4ft	1.34m	4.5ft	1.37m

■ Vertical Beam Spread: 14.0°  
 ■ Horizontal Beam Spread: 14.3°

**Polar Candela Distribution**



**Beam Width: 30°**

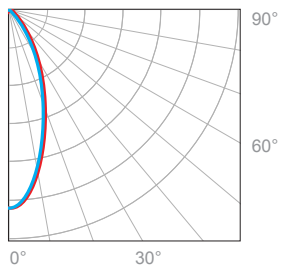


**Illuminance at a Distance**

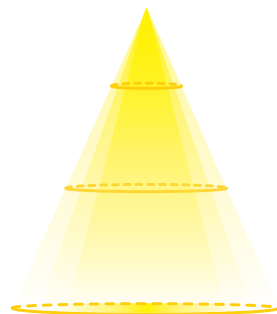
Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	391fc	1.7ft	0.52m	1.7ft	0.52m
6.0ft	1.83m	93fc	3.5ft	1.07m	3.5ft	1.07m
9.0ft	2.74m	40fc	5.2ft	1.58m	5.2ft	1.58m
12ft	3.66m	23fc	7.0ft	2.13m	6.9ft	2.10m
15ft	4.57m	15fc	8.7ft	2.65m	8.6ft	2.62m
18ft	5.49m	11fc	10.5ft	3.20m	10.4ft	3.17m

■ Vertical Beam Spread: 32.5°  
 ■ Horizontal Beam Spread: 32.1°

**Polar Candela Distribution**



**Beam Width: 40°**



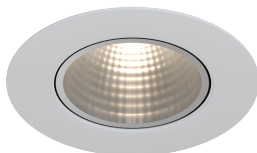
**Illuminance at a Distance**

Distance		Center Beam fc	Beam Width			
1.5ft	0.46m	273fc	2.2ft	0.67m	2.2ft	0.67m
3.0ft	0.91m	66fc	4.3ft	1.31m	4.3ft	1.31m
4.5ft	1.37m	29fc	6.5ft	1.98m	6.5ft	1.98m
6.0ft	1.83m	17fc	8.7ft	2.65m	8.7ft	2.65m
7.5ft	2.29m	11fc	10.9ft	3.32m	10.9ft	3.32m
9.0ft	2.74m	7.7fc	13.0ft	3.96m	13.0ft	3.96m

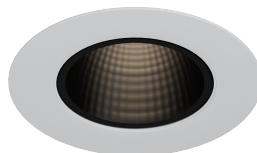
■ Vertical Beam Spread : 39.8°  
 ■ Horizontal Beam Spread : 39.8°

**Appendix**

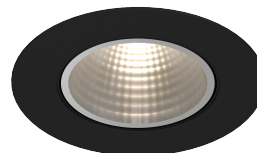
**Aluminum Finishes**



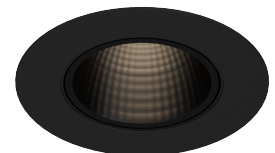
WH white trim with silver specular



WH white trim with black specular



BK black trim with silver specular



BK black trim with black specular

Halogen Dim (Warm Dim)

Warm Dim VS. Halogen

