

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 ¹ | 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 | 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+ Lumenetix: L 1650K-4000K 90+ | 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. 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.

L402

EXTERIOR | INTERIOR
Adjustable 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 | 701-702 lm |
| Xicato Artist | 8W | 350mA | 16W | 1430 lm | 530-594 lm |
| SORAA | 10W | 350mA | 16W | 1430 lm | 500-515 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 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 | Integral Driver: 120V AC (Triac, 0-10V, or Lutron), 277V AC (0-10V) Remote Driver: 120V AC or 277V AC (DMX or DALI) Remote Emergency Driver/inverter options available, please consult factory for more information. |
|------------|--|

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. |

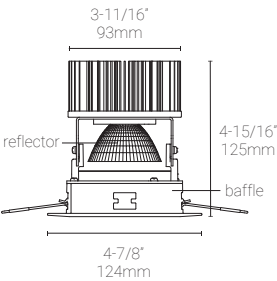
Ordered Separately

| | |
|-------------------|--------------------------------------|
| System Components | Power supplies: remote driver |
|-------------------|--------------------------------------|

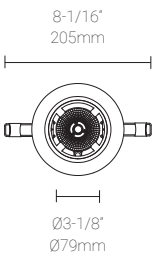
Mounting Options & Dimensions

LED Insert Dimensions

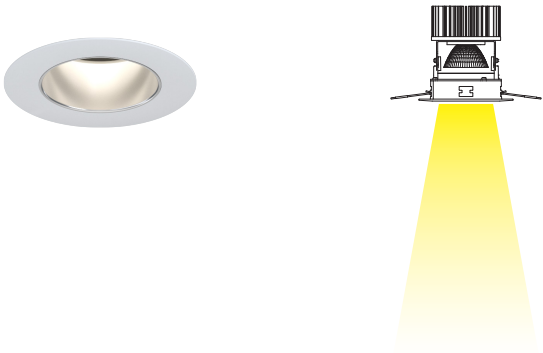
Fixture



Front View

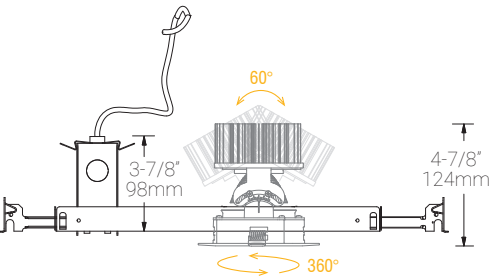


3D View

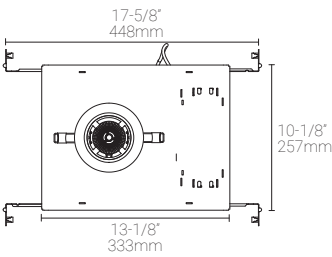


Non-Insulated Housing

Side View



Front View

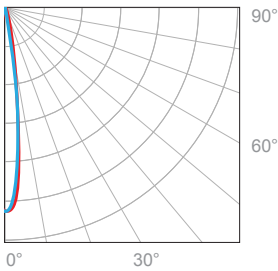


3D View



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

Polar Candela Distribution



Beam Width: 15°

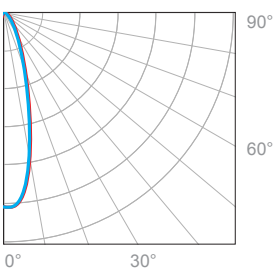


Illuminance at a Distance

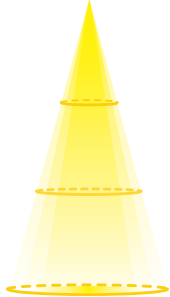
| Distance | | Center Beam fc | Beam Width | | | |
|----------|-------|----------------|------------|-------|-------|-------|
| 3.0ft | 0.91m | 370.2fc | 0.9ft | 0.27m | 0.9ft | 0.27m |
| 6.0ft | 1.83m | 92.5fc | 1.9ft | 0.57m | 1.8ft | 0.54m |
| 9.0ft | 2.74m | 41.1fc | 2.8ft | 0.85m | 2.7ft | 0.82m |
| 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

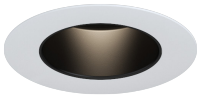
Aluminum Finishes



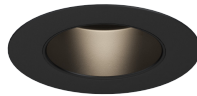
WH white trim with silver reflector and baffle



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

