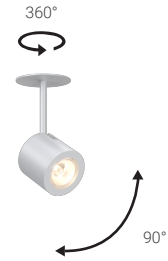


L224

INTERIOR

Spotlights | For ceilings, walls

● Dry location



Ordering Information

Clear Form

Date : _____

Quantity : _____

Project : _____

Note : _____

Type : _____

Specifications

Luminaire | Example Code: L224-C3-M-8-W30H-N-[]-2-MA

| Product | Canopy ¹ | Size | Version | CCT & CRI | Beam Angle | Stem Length ⁴ | Finish ⁵ |
|-------------|---------------------|----------|---------|----------------|--------------------|--------------------------|---------------------------|
| L224 | | M | | | | | |
| | C1 | M medium | 4 4W | W27H 2700K 90+ | S spot 12° | 2 2" (51mm) | Aluminum Finishes: |
| | C3 | | 8 8W | W30H 3000K 90+ | N narrow flood 30° | X custom length | MA matte clear anodized |
| | C4 | | | | F flood 48° | | BA black anodized |
| | C21 | | | | | | WH white powder coated |
| | C23 | | | | | | |

System Components (Ordered Separately)

Remote Driver : _____

* Consult MP Lighting Website or Factory.

Important Notes

Specification

- See pg.3 - for different canopy options and its dimensions.
- HLD is required for louvers, Super Spot beam angle, and other accessories supplied on site.
- ELB4 accessory not available with Super Spot beam angle option.
- 1" (25mm) increments to maximum of 8' (2438mm). Minimum 4" (102mm) stem for C23 canopy.
- Refer to Appendix or MP Lighting website for complete look of luminaire with different finish options. Please consult factory for custom finish for shrouds. WH not available with Super Spot beam angle.

Warranty Notes & Disclaimer

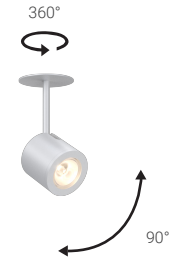
Malfunction and damage to product due to incompatible dimming system or misuse will not be covered under warranty. Consult MP Lighting for recommended drivers. If the fixture has an option to be installed with a dimming control system, consult a dimming system manufacturer with minimum load before installing.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

L224

INTERIOR

Spotlights | For ceilings, walls

● Dry location



Performance

| Wattage | Forward Current | Power Consumption Budget per fixture (including driver) | LED output (Source) | Fixture Output (Delivered) |
|---------|-----------------|---|---------------------|----------------------------|
| 4W | 350mA | 4W | 440 lm | 208-261 lm |
| 8W | 700mA | 8W | 880 lm | 371-433 lm |

Application

| | |
|-------------|---|
| Environment | Dry Location approved. IP 20. |
| Mounting | Mounts to a 4" octagonal box using the mounting canopy. |

Electrical

| | |
|----------------|--|
| Power Supplies | Remote LED drivers (120-277V AC input, constant current output): Fixtures to be wired in series. |
| Control | On/off control Dimming: ELV or 0-10V dimming with appropriate drivers Other options (consult factory): TRIAC/MLV, DMX, DALI, Casambi, Power over Ethernet |

Luminaire Construction

| | |
|---------------------|---|
| LED Light Source | Colour Consistency: 2-step MacAdam: 2700K, 3000K, 90+ CRI |
| Weight | N/A |
| Material | Fixture: machined marine-grade aluminum |
| Supplied with | Standard installation housing: Comes with a canopy, a universal crossbar, two hex socket head screws, two wire-nuts, and an allen key. |
| Warranty & LED Life | 5 years limited warranty Estimated useful life of LED is 50,000 hours. |

Ordered Separately

| | |
|-------------------|---|
| System Components | Power supplies: remote driver Please consult factory or visit Recommended Drivers for available driver options. |
|-------------------|---|

Mounting Options & Dimensions

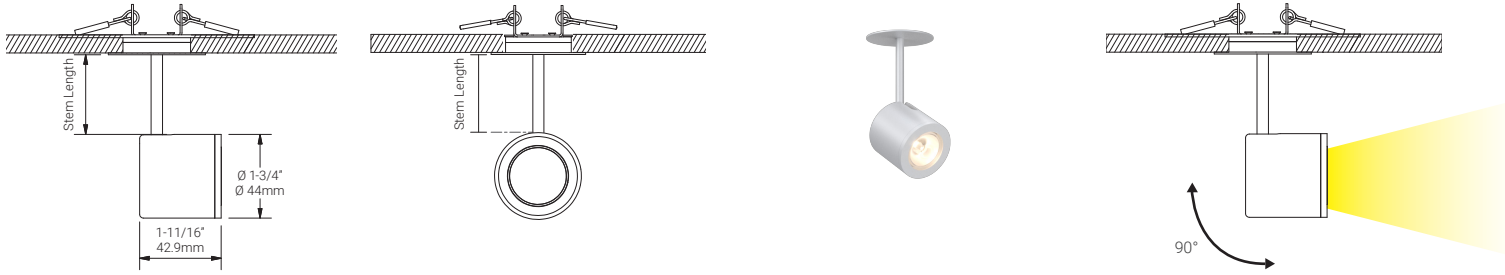
LED Fixture Dimensions (shown with C21 canopy)

Fixture

Front View

3D View

Beam



Measurement of Custom Stem Length (X)

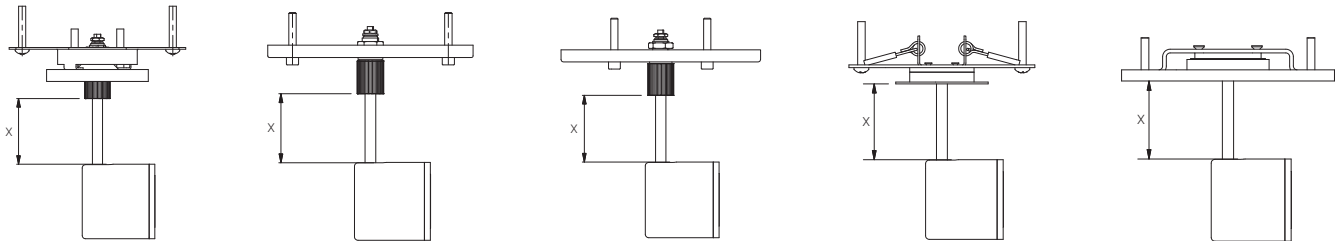
C1

C3

C4

C21

C23



* Spotlight can rotate 360° with C21 canopy.

* Spotlight can rotate 360° with C23 canopy.

Mounting Options & Dimensions

C1

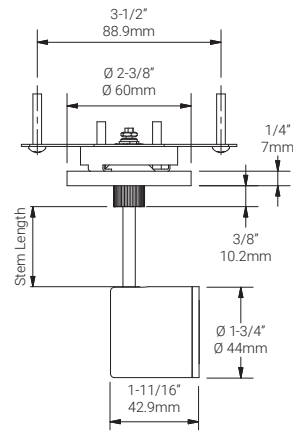
Canopy



Fixture with Canopy



Dimensions



C3

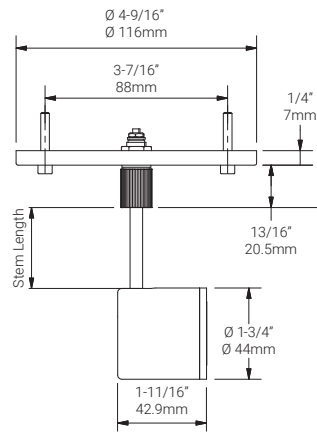
Canopy



Fixture with Canopy

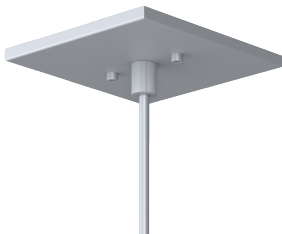


Dimensions



C4

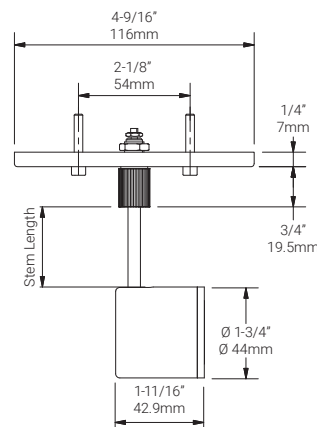
Canopy



Fixture with Canopy



Dimensions



Mounting Options & Dimensions

C21

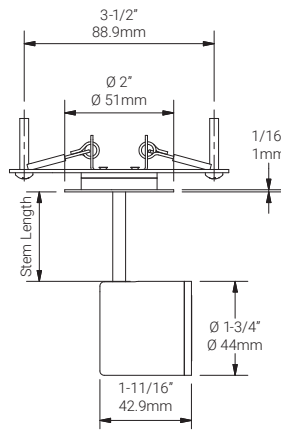
Canopy



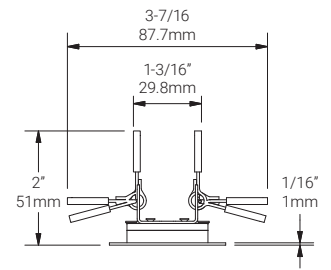
Fixture with Canopy



Dimensions



Dimensions (Spring Clips)



* Spotlight can rotate 360° with C21 canopy.

C23

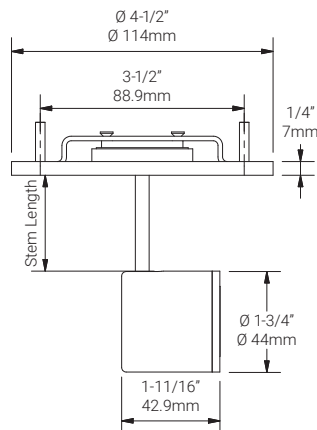
Canopy



Fixture with Canopy



Dimensions



* Spotlight can rotate 360° with C23 canopy.

Appendix

Aluminum Finishes



MA matte clear anodized

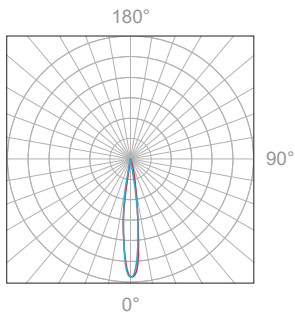


BA black anodized



WH white powder coated

Polar Candela Distribution



Beam Width: 12°

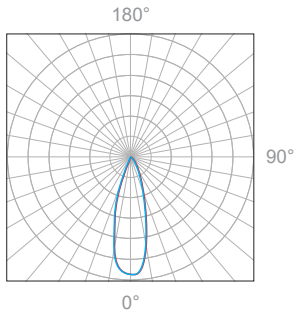


Illuminance at a Distance

| Distance | | Center Beam fc | Beam Width | | | |
|----------|-------|----------------|------------|-------|-------|-------|
| 3.0ft | 0.91m | 161fc | 1.2ft | 0.36m | 1.2ft | 0.36m |
| 6.0ft | 1.83m | 40.2fc | 2.4ft | 0.73m | 2.4ft | 0.73m |
| 9.0ft | 2.74m | 17.9fc | 3.6ft | 1.09m | 3.6ft | 1.09m |
| 12.0ft | 3.66m | 10.0fc | 4.8ft | 1.46m | 4.8ft | 1.46m |
| 15.0ft | 4.57m | 6.43fc | 6.0ft | 1.82m | 6.0ft | 1.82m |
| 18.0ft | 5.49m | 4.47fc | 7.2ft | 2.19m | 7.2ft | 2.19m |

Delivered Lumen: 377.2 lm
 ■ Vertical Beam Spread: 22.6°
 ■ Horizontal Beam Spread: 22.6°

Polar Candela Distribution



Beam Width: 30°

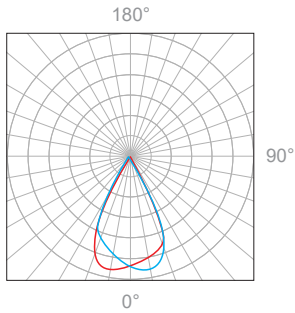


Illuminance at a Distance

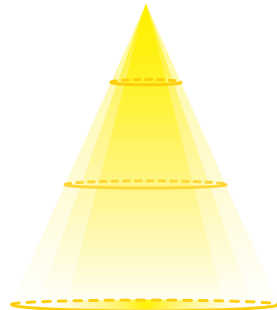
| Distance | | Center Beam fc | Beam Width | | | |
|----------|-------|----------------|------------|-------|--------|-------|
| 3.0ft | 0.91m | 97.2fc | 1.7ft | 0.51m | 1.7ft | 0.51m |
| 6.0ft | 1.83m | 24.3fc | 3.3ft | 1.00m | 3.4ft | 1.03m |
| 9.0ft | 2.74m | 10.8fc | 5.0ft | 1.52m | 5.0ft | 1.52m |
| 12.0ft | 3.66m | 6.07fc | 6.6ft | 2.01m | 6.7ft | 2.04m |
| 15.0ft | 4.57m | 3.89fc | 8.3ft | 2.53m | 8.4ft | 2.56m |
| 18.0ft | 5.49m | 2.70fc | 9.9ft | 3.01m | 10.1ft | 3.07m |

Delivered Lumen: 351.4 lm
 ■ Vertical Beam Spread: 30.9°
 ■ Horizontal Beam Spread: 31.2°

Polar Candela Distribution



Beam Width: 48°

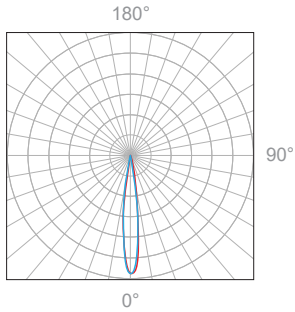


Illuminance at a Distance

| Distance | | Center Beam fc | Beam Width | | | |
|----------|-------|----------------|------------|-------|--------|-------|
| 3.0ft | 0.91m | 40.9fc | 2.7ft | 0.82m | 3.0ft | 0.91m |
| 6.0ft | 1.83m | 10.2fc | 5.5ft | 1.67m | 6.0ft | 1.82m |
| 9.0ft | 2.74m | 4.55fc | 8.2ft | 2.50m | 8.9ft | 2.71m |
| 12.0ft | 3.66m | 2.56fc | 11.0ft | 3.35m | 11.9ft | 3.62m |
| 15.0ft | 4.57m | 1.64fc | 13.7ft | 4.17m | 14.9ft | 4.54m |
| 18.0ft | 5.49m | 1.14fc | 16.4ft | 4.99m | 17.9ft | 5.45m |

Delivered Lumen: 318.9 lm
 ■ Vertical Beam Spread: 49.1°
 ■ Horizontal Beam Spread: 52.9°

Polar Candela Distribution



Beam Width: 12°

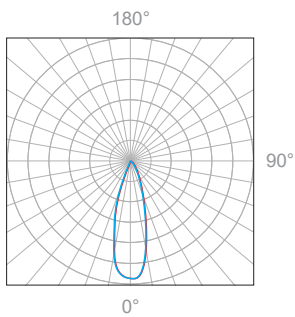


Illuminance at a Distance

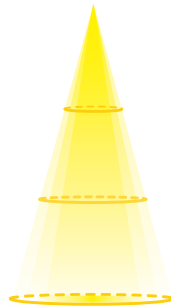
| Distance | | Center Beam fc | Beam Width | | | |
|----------|-------|----------------|------------|-------|-------|-------|
| 3.0ft | 0.91m | 281fc | 1.2ft | 0.36m | 1.2ft | 0.36m |
| 6.0ft | 1.83m | 70.2fc | 2.4ft | 0.73m | 2.3ft | 0.70m |
| 9.0ft | 2.74m | 31.2fc | 3.6ft | 1.09m | 3.5ft | 1.06m |
| 12.0ft | 3.66m | 17.5fc | 4.8ft | 1.46m | 4.7ft | 1.43m |
| 15.0ft | 4.57m | 11.2fc | 6.0ft | 1.82m | 5.8ft | 1.76m |
| 18.0ft | 5.49m | 7.80fc | 7.1ft | 2.16m | 7.0ft | 2.13m |

Delivered Lumen: 655.8 lm
 ■ Vertical Beam Spread: 22.5°
 ■ Horizontal Beam Spread: 21.9°

Polar Candela Distribution



Beam Width: 30°

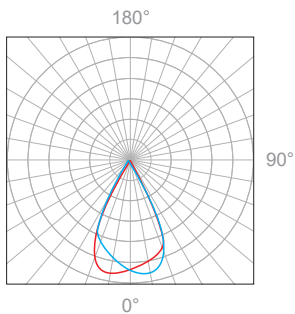


Illuminance at a Distance

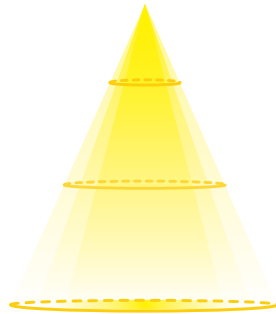
| Distance | | Center Beam fc | Beam Width | | | |
|----------|-------|----------------|------------|-------|-------|-------|
| 3.0ft | 0.91m | 169fc | 1.7ft | 0.51m | 1.6ft | 0.48m |
| 6.0ft | 1.83m | 42.3fc | 3.3ft | 1.00m | 3.3ft | 1.00m |
| 9.0ft | 2.74m | 18.8fc | 5.0ft | 1.52m | 4.9ft | 1.49m |
| 12.0ft | 3.66m | 10.6fc | 6.6ft | 2.01m | 6.5ft | 1.98m |
| 15.0ft | 4.57m | 6.76fc | 8.3ft | 2.53m | 8.1ft | 2.46m |
| 18.0ft | 5.49m | 4.69fc | 10.0ft | 3.04m | 9.8ft | 2.98m |

Delivered Lumen: 602.3 lm
 ■ Vertical Beam Spread: 30.9°
 ■ Horizontal Beam Spread: 30.3°

Polar Candela Distribution



Beam Width: 48°



Illuminance at a Distance

| Distance | | Center Beam fc | Beam Width | | | |
|----------|-------|----------------|------------|-------|--------|-------|
| 3.0ft | 0.91m | 67.9fc | 2.7ft | 0.82m | 3.0ft | 0.91m |
| 6.0ft | 1.83m | 17.0fc | 5.4ft | 1.64m | 6.0ft | 1.82m |
| 9.0ft | 2.74m | 7.54fc | 8.1ft | 2.47m | 8.9ft | 2.71m |
| 12.0ft | 3.66m | 4.24fc | 10.8ft | 3.29m | 11.9ft | 3.62m |
| 15.0ft | 4.57m | 2.72fc | 13.5ft | 4.11m | 14.9ft | 4.54m |
| 18.0ft | 5.49m | 1.89fc | 16.2ft | 4.93m | 17.9ft | 5.45m |

Delivered Lumen: 544.5 lm
 ■ Vertical Beam Spread: 48.4°
 ■ Horizontal Beam Spread: 52.9°