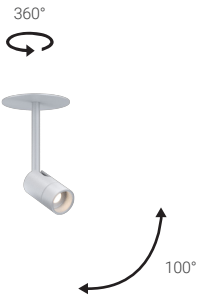


# L225C-XS

INTERIOR  
Spotlight | For ceilings, walls

● Dry location



Ordering Information

Clear Form

Date :

Project :

Type :

Quantity :

Note :

Specifications

Luminaire | Example Code: L225-C3-XS-1-W30H-N-CS-2-MA

| Product | Canopy <sup>1</sup> | Size           | Version | CCT & CRI <sup>2</sup> | Beam Angle         | Shroud             | Stem Length <sup>3</sup> | Finish <sup>4</sup>                                                       |
|---------|---------------------|----------------|---------|------------------------|--------------------|--------------------|--------------------------|---------------------------------------------------------------------------|
| L225    |                     | XS             |         |                        |                    |                    |                          |                                                                           |
|         | C1                  | XS extra small | 1 1W    | W22H 2200K 90+         | N narrow flood 30° | FS full shroud     | 2 2" (51mm)              | <b>Aluminum Finishes:</b><br>MA matte clear anodized<br>BA black anodized |
|         | C3                  |                | 2 2W    | W27H 2700K 90+         | F flood 45°        | CS cylinder shroud | X custom length          |                                                                           |
|         | C4                  |                |         | W30H 3000K 90+         |                    |                    |                          |                                                                           |
|         | C21                 |                |         | W35H 3500K 90+         |                    |                    |                          |                                                                           |
|         | C23                 |                |         |                        |                    |                    |                          |                                                                           |

System Components (Ordered Separately)

Remote Driver :

\* Consult MP Lighting Website or Factory.

Important Notes

- Specification
- 1. See pg.3 - for different canopy options and its dimensions.
  - 2. Refer to pg.2 - Electrical for Colour Consistency details.
  - 3. Maximum: 8' (2438mm), 1" (25mm) increments. Minimum 4" (102mm) stem for C23 canopy. WH and BA finishes not available with stems over 4' (1219mm)
  - 4. 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.

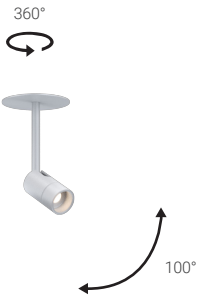
Warranty Notes & Disclaimer

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.

# L225C-XS

INTERIOR  
Spotlight | For ceilings, walls

● Dry location



## Performance

| Wattage | Forward Current | Power Consumption Budget<br>per fixture (including driver) | LED output<br>(Source) | Fixture Output<br>(Delivered) |
|---------|-----------------|------------------------------------------------------------|------------------------|-------------------------------|
| 1W      | 350mA           | 1.2W                                                       | 110 lm                 | 70.8 -77.2 lm                 |
| 2W      | 700mA           | 2.5W                                                       | 220 lm                 | 118.5-122.6 lm                |

## Application

|             |                                                                                                                                                                             |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Environment | Dry Location approved. IP 20.                                                                                                                                               |
| Mounting    | <b>C1/C3/C4/C23:</b> Mounts to a 4" octagonal box using the mounting canopy<br><b>C21:</b> Mounts to a surface with coil spring clips   <b>Cut-out size:</b> Ø1-1/2" (38mm) |

## Electrical

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

## Luminaire Construction

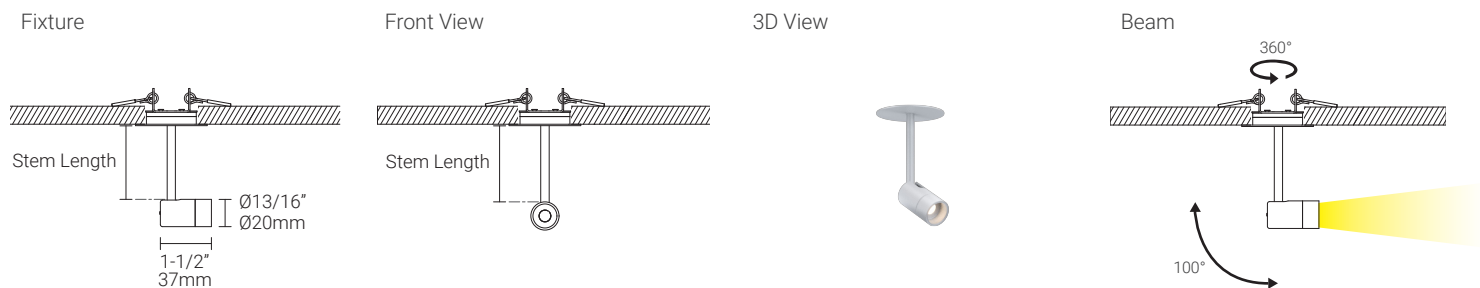
|                     |                                                                                                                                                                                                                                                                                      |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LED Light Source    | <b>W22H</b> = CCT: 2200K, CRI (Ra): 90+, Colour Consistency: 3SDCM<br><b>W27H</b> = CCT: 2700K, CRI (Ra): 90+, Colour Consistency: 2SDCM<br><b>W30H</b> = CCT: 3000K, CRI (Ra): 90+, Colour Consistency: 2SDCM<br><b>W35H</b> = CCT: 3500K, CRI (Ra): 90+, Colour Consistency: 2SDCM |
| Weight              | N/A                                                                                                                                                                                                                                                                                  |
| Material            | <b>Fixture:</b> machined marine-grade aluminum                                                                                                                                                                                                                                       |
| Supplied with       | <b>Standard installation housing:</b> Comes with a canopy, a universal crossbar, two hex socket head screws, two wire-nuts, and an allen key OR C21 with two wire connectors.                                                                                                        |
| Warranty & LED Life | 5 years limited warranty<br>Estimated useful life of LED is 50,000 hours.                                                                                                                                                                                                            |

## Ordered Separately

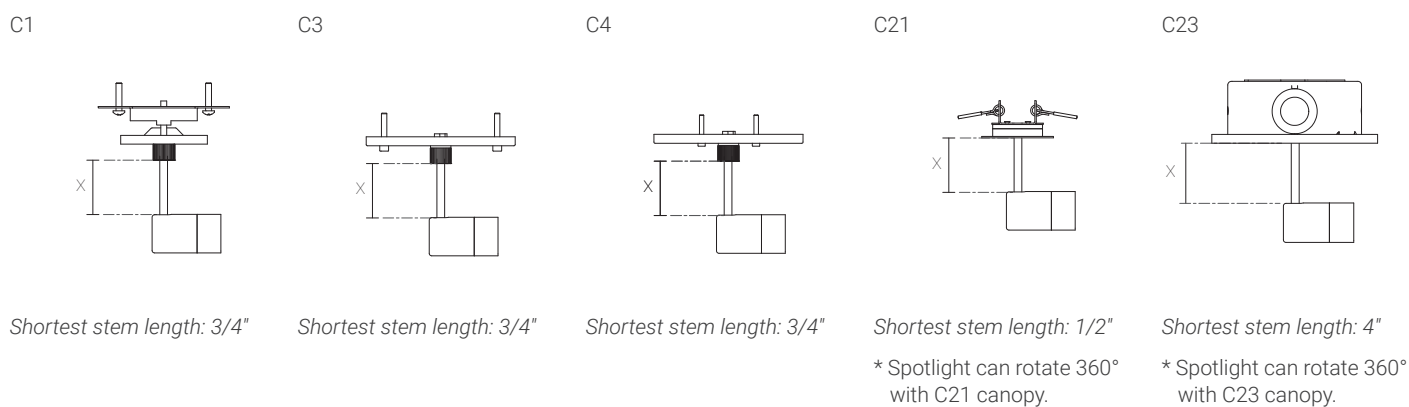
|                   |                                                                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| System Components | <b>Power supplies:</b> remote driver<br>Please consult factory or visit <a href="#">Recommended Drivers</a> for available driver options. |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------|

## Mounting Options & Dimensions

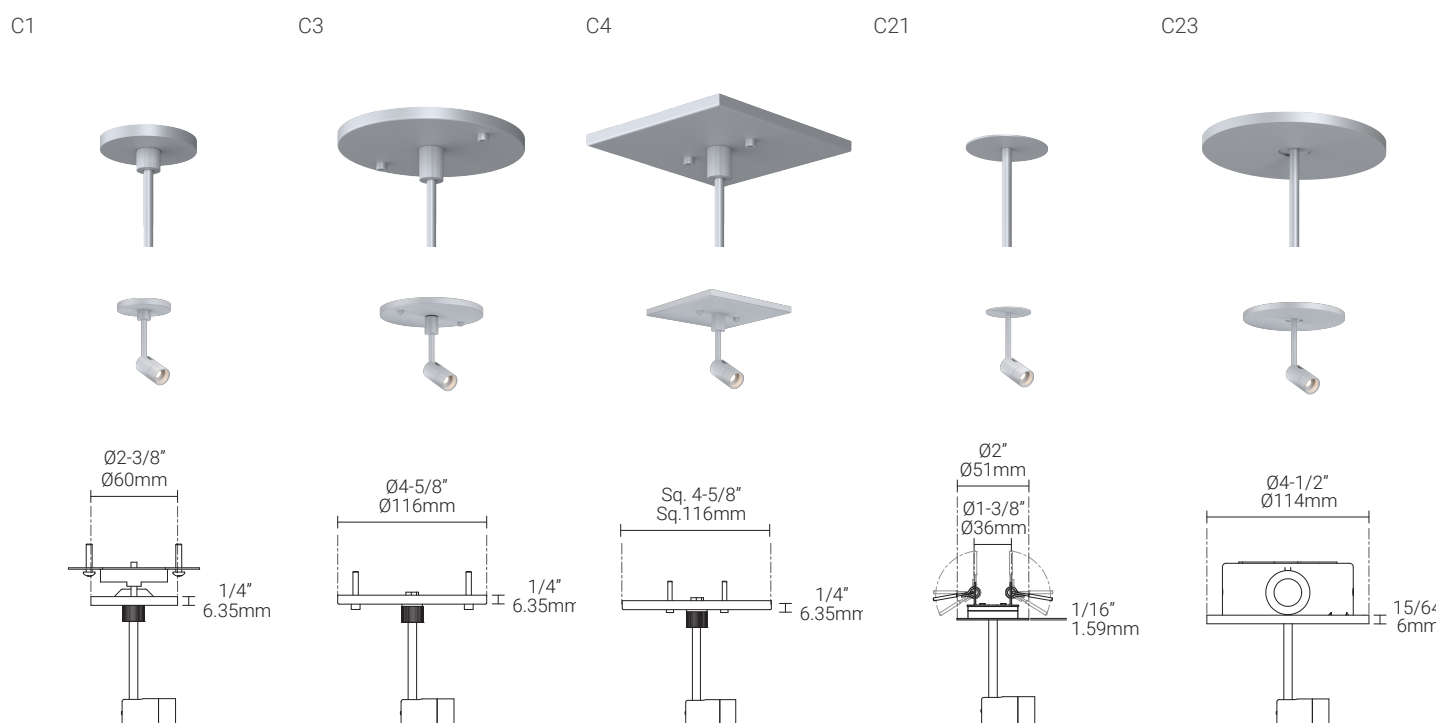
### LED Fixture Dimensions (shown with Cylinder Shroud & C21 canopy)



### Measurement of Custom Stem Length (X)

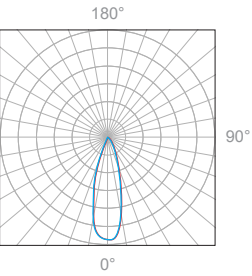


## Mounting Options & Dimensions

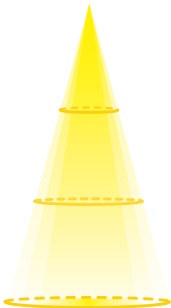


1W, 3000K, 90+ CRI

Polar Candela Distribution



Beam Width: 30°



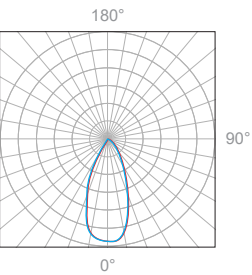
Illuminance at a Distance

| Distance |       | Center Beam fc | Beam Width |       |        |       |
|----------|-------|----------------|------------|-------|--------|-------|
| 3.0ft    | 0.91m | 20.2fc         | 1.8ft      | 0.54m | 1.7ft  | 0.51m |
| 6.0ft    | 1.83m | 5.05fc         | 3.5ft      | 1.06m | 3.4ft  | 1.03m |
| 9.0ft    | 2.74m | 2.24fc         | 5.3ft      | 1.61m | 5.2ft  | 1.58m |
| 12.0ft   | 3.66m | 1.26fc         | 7.0ft      | 2.13m | 6.9ft  | 2.10m |
| 15.0ft   | 4.57m | 0.81fc         | 8.8ft      | 2.68m | 8.6ft  | 2.62m |
| 18.0ft   | 5.49m | 0.56fc         | 10.5ft     | 3.20m | 10.3ft | 3.14m |

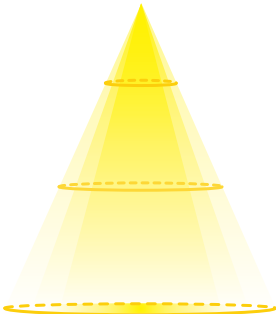
Delivered Lumen: 70.8 lm  
■ Vertical Beam Spread: 32.6°  
■ Horizontal Beam Spread: 32°

Tested on 03/23/2025

Polar Candela Distribution



Beam Width: 45°



Illuminance at a Distance

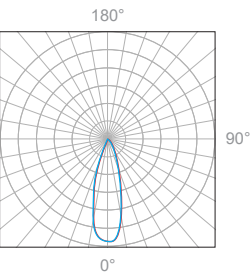
| Distance |       | Center Beam fc | Beam Width |       |        |       |
|----------|-------|----------------|------------|-------|--------|-------|
| 3.0ft    | 0.91m | 12.5fc         | 2.6ft      | 0.79m | 2.6ft  | 0.79m |
| 6.0ft    | 1.83m | 3.13fc         | 5.1ft      | 1.55m | 5.1ft  | 1.55m |
| 9.0ft    | 2.74m | 1.39fc         | 7.7ft      | 2.34m | 7.7ft  | 2.34m |
| 12.0ft   | 3.66m | 0.78fc         | 10.2ft     | 3.10m | 10.2ft | 3.10m |
| 15.0ft   | 4.57m | 0.50fc         | 12.8ft     | 3.90m | 12.8ft | 3.90m |
| 18.0ft   | 5.49m | 0.35fc         | 15.3ft     | 4.66m | 15.4ft | 4.69m |

Delivered Lumen: 77.2 lm  
■ Vertical Beam Spread: 46.1°  
■ Horizontal Beam Spread: 46.2°

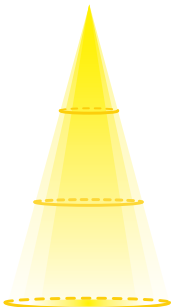
Tested on 03/23/2025

2W, 3000K, 90+ CRI

Polar Candela Distribution



Beam Width: 30°



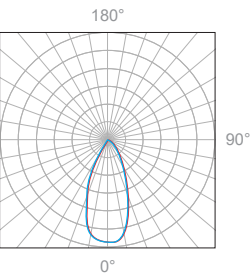
Illuminance at a Distance

| Distance |       | Center Beam fc | Beam Width |       |        |       |
|----------|-------|----------------|------------|-------|--------|-------|
| 3.0ft    | 0.91m | 36.6fc         | 1.7ft      | 0.51m | 1.7ft  | 0.51m |
| 6.0ft    | 1.83m | 9.16fc         | 3.5ft      | 1.06m | 3.4ft  | 1.03m |
| 9.0ft    | 2.74m | 4.07fc         | 5.2ft      | 1.58m | 5.1ft  | 1.55m |
| 12.0ft   | 3.66m | 2.29fc         | 6.9ft      | 2.10m | 6.8ft  | 2.07m |
| 15.0ft   | 4.57m | 1.46fc         | 8.7ft      | 2.65m | 8.5ft  | 2.79m |
| 18.0ft   | 5.49m | 1.02fc         | 10.4ft     | 3.17m | 10.2ft | 3.11m |

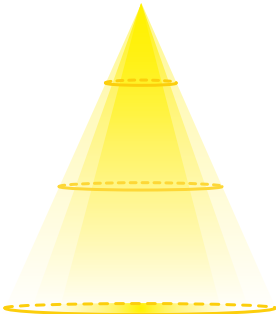
Delivered Lumen: 118.5 lm  
■ Vertical Beam Spread: 32.2°  
■ Horizontal Beam Spread: 31.5°

Tested on 03/23/2025

Polar Candela Distribution



Beam Width: 45°



Illuminance at a Distance

| Distance |       | Center Beam fc | Beam Width |       |        |       |
|----------|-------|----------------|------------|-------|--------|-------|
| 3.0ft    | 0.91m | 28.9fc         | 2.1ft      | 0.64m | 2.1ft  | 0.64m |
| 6.0ft    | 1.83m | 7.24fc         | 4.2ft      | 1.28m | 4.2ft  | 1.28m |
| 9.0ft    | 2.74m | 3.22fc         | 6.4ft      | 1.95m | 6.3ft  | 1.92m |
| 12.0ft   | 3.66m | 1.81fc         | 8.5ft      | 2.59m | 8.4ft  | 2.56m |
| 15.0ft   | 4.57m | 1.16fc         | 10.6ft     | 3.23m | 10.5ft | 3.20m |
| 18.0ft   | 5.49m | 0.80fc         | 12.7ft     | 3.87m | 12.6ft | 3.84m |

Delivered Lumen: 122.6 lm  
■ Vertical Beam Spread: 39°  
■ Horizontal Beam Spread: 38.6°

Tested on 03/23/2025

## Appendix

### Aluminum Finishes



MA matte clear anodized



BA black anodized

### Accessories | Louver holder



MA matte clear anodized



BA black anodized