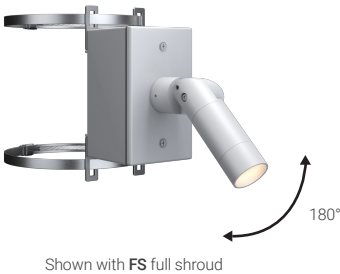


# L930-B7

EXTERIOR | INTERIOR  
Spotlight | With tree strap

Wet, Damp, and Dry location



Ordering Information

Clear Form

Date :

Quantity :

Project :

Note :

Type :

Specifications

Luminaire | Example Code: L930-B7-TS-2-W30H-S-ELB-WS-S6

| Product | Canopy <sup>1</sup> | Mounting      | Version      | CCT & CRI <sup>2</sup>  | Beam Angle                       | Accessories (optional) | Shroud  | Finish <sup>3</sup>   |
|---------|---------------------|---------------|--------------|---|----------------------------------|------------------------|---|---|
| L930    | B7                  |               |              |   |                                  |                        |   |   |
|         | B7                  | TS tree strap | 1 1W<br>2 2W | W22S 2200K 80+<br>W27H 2700K 90+<br>W30H 3000K 90+<br>W35H 3500K 90+<br>W41H 4100K 90+<br>AMB amber LED | S spot 12°<br>N narrow flood 30° | ELB eggcrate louver    | FS full shroud<br>WS wet location weep shroud | <b>Aluminum Finishes:</b><br>MA matte clear anodized<br>BA black anodized<br><br><b>Stainless Steel Finish:</b><br>S6 stainless steel 316 |

System Components (Ordered Separately)

Remote Driver :

Control System :

On/Off | Dimming ELV or 0-10 dimming  
Other options (consult factory) TRIAC/MLV, DMX, DALI, Casambi, PoE

Important Notes

Specification

1. Refer to pg.3-5 - Mounting Options & Dimensions for details.

2. Refer to pg.2 - Electrical for Colour Consistency details.

3. Refer to Appendix or MP Lighting website for complete look of luminaire with different finish options.

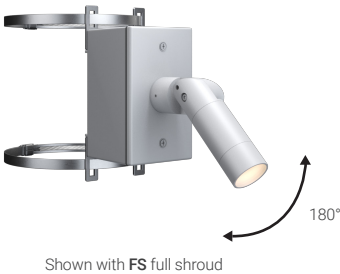
Warranty Notes & Disclaimer

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.

# L930-B7

EXTERIOR | INTERIOR  
Spotlight | With tree strap

Wet, Damp, and Dry location



## Performance

| Wattage | Forward Current | Power Consumption Budget<br>per fixture (including driver) | LED output<br>(Source) | Fixture Output<br>(Delivered) |
|---------|-----------------|--|------------------------|-------------------------------|
| 1W      | 350mA           | 1.3W   | 110 lm                 | 65-75 lm                      |
| 2W      | 700mA           | 2.6W   | 220 lm                 | 129-149 lm                    |

## Application

|             |   |
|-------------|---|
| Environment | Wet / Damp / Dry Location approved. IP 66.<br>Wet location weep shroud (WS) can be specified where proper drainage for water in shroud is required. |
| Mounting    | <b>B7:</b> designed to be strapped to trees or columns.   |

## Electrical

|                |  |
|----------------|--|
| Power Supplies | Remote LED drivers (120-277V AC input, <b>constant current output</b> ): Fixtures to be wired in series.<br>Integral driver available with B3 canopy --- Consult factory.            |
| 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>W22S</b> = CCT: 2200K, CRI (Ra): 80+, 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: 3SDCM (Contact factory for 2SDCM option)<br><b>W41H</b> = CCT: 4100K, CRI (Ra): 90+, Colour Consistency: 3SDCM<br><b>AMB</b> = amber LED light |
| Standard Compliance | ✓ADA-compliant    ✓WELL standard – Feature 58: Color Quality  |
| Weight              | N/A   |
| Material            | <b>Fixture:</b> machined marine-grade aluminum or stainless steel 316   |
| Supplied with       | N/A   |
| Warranty & LED Life | 5 years limited warranty<br>Estimated useful life of LED is 50,000 hours.   |

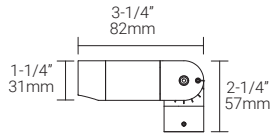
## Ordered Separately

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

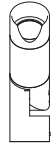
## Mounting Options & Dimensions

### LED Fixture Dimensions

Fixture



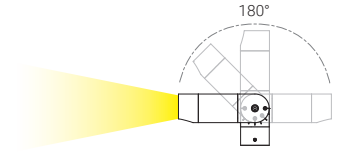
Front View



3D View

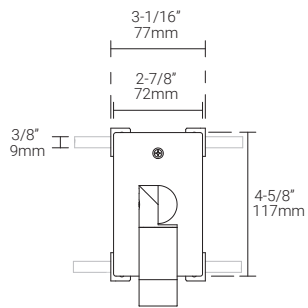


Beam

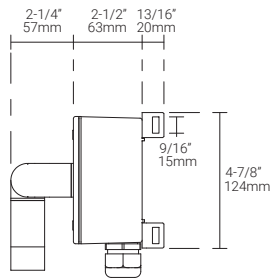


### LED Fixture Dimensions | shown with B7, Tree Strap

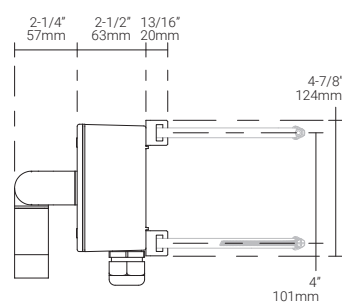
Top View with B7



Side View with B7



Side View with B7 and Tree Strap



3D View



## Appendix

### Mounting & Finish Options

#### B7



MA matte clear anodized



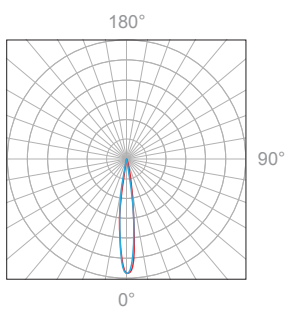
BA black anodized



S6 stainless steel 316

1W, 3000K, 90+ CRI,

Polar Candela Distribution



Beam Width: 12°

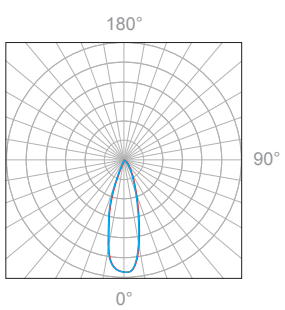


Illuminance at a Distance

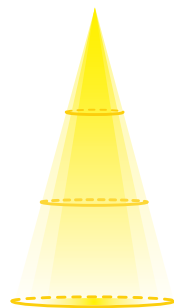
| Distance |       | Center Beam fc | Beam Width |       |       |       |
|----------|-------|----------------|------------|-------|-------|-------|
| 3.0ft    | 0.91m | 50.3fc         | 1.0ft      | 0.30m | 1.0ft | 0.30m |
| 6.0ft    | 1.83m | 12.6fc         | 2.1ft      | 0.64m | 2.1ft | 0.64m |
| 9.0ft    | 2.74m | 5.59fc         | 3.1ft      | 0.94m | 3.1ft | 0.94m |
| 12.0ft   | 3.66m | 3.14fc         | 4.1ft      | 1.25m | 4.1ft | 1.25m |
| 15.0ft   | 4.57m | 2.01fc         | 5.1ft      | 1.55m | 5.1ft | 1.55m |
| 18.0ft   | 5.49m | 1.40fc         | 6.2ft      | 1.89m | 6.2ft | 1.89m |

Delivered Lumen: 65 lm  
■ Vertical Beam Spread: 19.4°  
■ Horizontal Beam Spread: 19.4°

Polar Candela Distribution



Beam Width: 30°



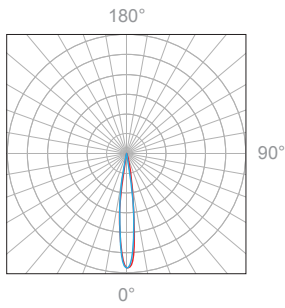
Illuminance at a Distance

| Distance |       | Center Beam fc | Beam Width |       |       |       |
|----------|-------|----------------|------------|-------|-------|-------|
| 3.0ft    | 0.91m | 35.1fc         | 1.5ft      | 0.46m | 1.5ft | 0.46m |
| 6.0ft    | 1.83m | 8.78fc         | 3.1ft      | 0.95m | 3.1ft | 0.95m |
| 9.0ft    | 2.74m | 3.90fc         | 4.6ft      | 1.40m | 4.6ft | 1.40m |
| 12.0ft   | 3.66m | 2.19fc         | 6.1ft      | 1.86m | 6.1ft | 1.86m |
| 15.0ft   | 4.57m | 1.40fc         | 7.6ft      | 2.31m | 7.7ft | 2.34m |
| 18.0ft   | 5.49m | 0.98fc         | 9.2ft      | 2.80m | 9.2ft | 2.80m |

Delivered Lumen: 75 lm  
■ Vertical Beam Spread: 28.5°  
■ Horizontal Beam Spread: 28.7°

2W, 3000K, 90+ CRI

Polar Candela Distribution



Beam Width: 12°

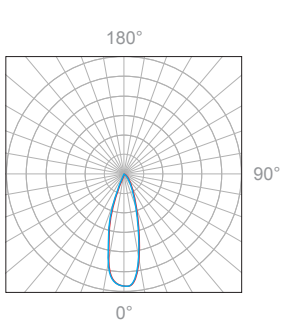


Illuminance at a Distance

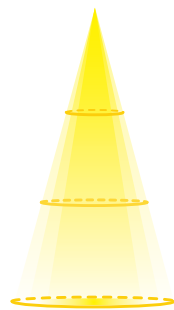
| Distance |       | Center Beam fc | Beam Width |       |       |       |
|----------|-------|----------------|------------|-------|-------|-------|
| 3.0ft    | 0.91m | 103fc          | 1.0ft      | 0.30m | 1.0ft | 0.30m |
| 6.0ft    | 1.83m | 25.9fc         | 2.0ft      | 0.61m | 2.0ft | 0.61m |
| 9.0ft    | 2.74m | 11.5fc         | 3.0ft      | 0.91m | 3.0ft | 0.91m |
| 12.0ft   | 3.66m | 6.47fc         | 4.0ft      | 1.22m | 4.0ft | 1.22m |
| 15.0ft   | 4.57m | 4.14fc         | 5.0ft      | 1.52m | 5.0ft | 1.52m |
| 18.0ft   | 5.49m | 2.87fc         | 6.0ft      | 1.83m | 6.0ft | 1.83m |

Delivered Lumen: 129 lm  
■ Vertical Beam Spread: 19.0°  
■ Horizontal Beam Spread: 19.0°

Polar Candela Distribution



Beam Width: 30°



Illuminance at a Distance

| Distance |       | Center Beam fc | Beam Width |       |       |       |
|----------|-------|----------------|------------|-------|-------|-------|
| 3.0ft    | 0.91m | 69.5fc         | 1.5ft      | 0.46m | 1.5ft | 0.46m |
| 6.0ft    | 1.83m | 17.4fc         | 3.0ft      | 0.91m | 3.0ft | 0.91m |
| 9.0ft    | 2.74m | 7.73fc         | 4.5ft      | 1.37m | 4.5ft | 1.37m |
| 12.0ft   | 3.66m | 4.35fc         | 6.0ft      | 1.82m | 6.0ft | 1.82m |
| 15.0ft   | 4.57m | 2.78fc         | 7.6ft      | 2.31m | 7.6ft | 2.31m |
| 18.0ft   | 5.49m | 1.93fc         | 9.1ft      | 2.77m | 9.1ft | 2.77m |

Delivered Lumen: 149 lm  
■ Vertical Beam Spread: 28.3°  
■ Horizontal Beam Spread: 28.3°