

L905

EXTERIOR
Bollard

• Wet, Damp, and Dry location



Ordering Information

Clear Form

Date : _____

Quantity : _____

Project : _____

Note : _____

Type : _____

Specifications

Luminaire | Example Code: L905-8-W30H-S-F-36-B-MA

| Product | Wattage | CCT & CRI ¹ | Beam Angle | Lens | Post Height | Base Cover | Finish |
|-------------|----------|--|--|------------------------------------|--|--|--------------------------------|
| L905 | 8 | | | | | | MA |
| | 8 8W | High (90+) CRI: W27H 2700K 90+ W30H 3000K 90+ | S spot 12° N narrow flood 30° F flood 40° | C clear F frosted | 24 24" (610mm) 36 36" (914mm) 48 48" (1219mm) | NB no base cover B base cover | MA matte clear anodized |

System Components (Ordered Separately)

Remote Driver : _____

* Consult MP Lighting Website or Factory.

Important Notes

Specification

1. Consult MP factory for custom 2-step MacAdam option.

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.

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Performance

| Wattage | Forward Current | Power Consumption Budget per fixture (including driver) | LED output (Source) | Fixture Output (Delivered) |
|---------|-----------------|---|---------------------|----------------------------|
| 8W | 700mA | 9W | 880 lm | 302-317 lm |

Application

| | |
|-------------------|---|
| Environment | Dry / Damp / Wet Location approved. IP 66. |
| Drive Over Rating | N/A |
| Mounting | Mounts to 24"(610mm) / 36"(614mm) / 48"(1219mm) anodized aluminum post. Comes with 24" (610mm) Cabtire lead inside post |

Electrical

| | |
|----------------|--|
| Electrical | Compatible with remote constant current DC driver, wiring in series. |
| Power Supplies | Built-in 120V input, ELV dimmable LED driver. |
| Control | On/off control. Dimming: ELV dimming. Other options (consult factory): 227V input (non-dim), 0-10V, TRIAC/MLV, DMX, DALI, Casambi, Power over Ethernet. |

Luminaire Construction

| | |
|---------------------|--|
| LED Light Source | W27H = CCT: 2700K, CRI (Ra): 90+, Colour Consistency: 2SDCM W30H = CCT: 3000K, CRI (Ra): 90+, Colour Consistency: 2SDCM |
| Weight | 7.15lbs (3.245kg) based on a 24" (610mm) post. |
| Material | Fixture: anodized aluminum, insert trim with 1/4" (6mm) thick tempered glass lens. |
| Supplied with | Standard installation housing: |
| Warranty & LED Life | 5 years limited warranty. Estimated useful life of LED is 50,000 hours. |

Ordered Separately

| | |
|-------------------|---|
| System Components | Power supplies: Remote constant current driver |
|-------------------|---|

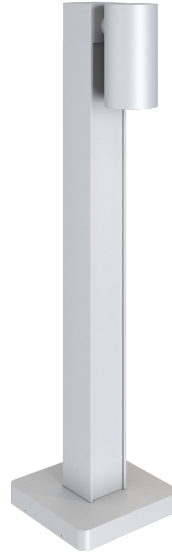
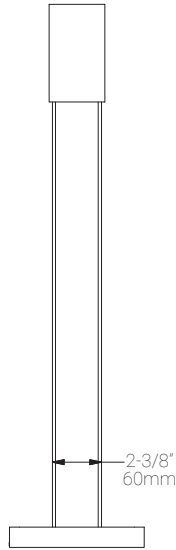
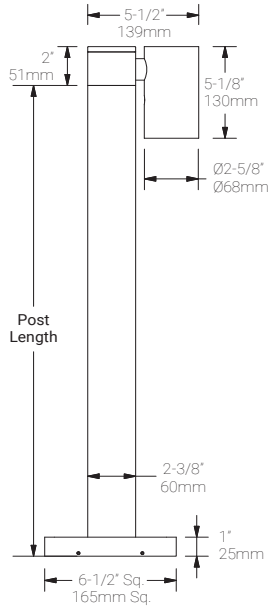
Mounting Options & Dimensions

LED Insert Dimensions

Fixture

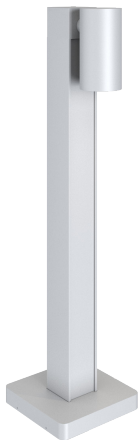
Front View

3D View



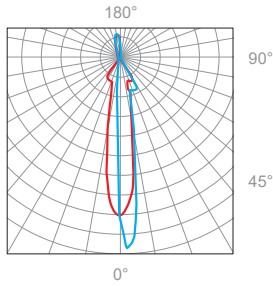
Appendix

Aluminum Finish



MA matte clear anodized

Polar Candela Distribution



Beam Width: 12°

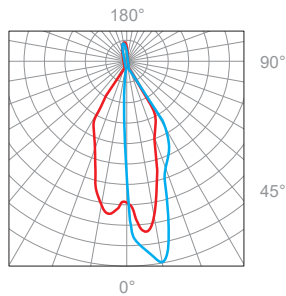


Illuminance at a Distance

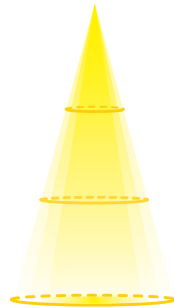
| Distance | | Center Beam fc | Beam Width | | | |
|----------|-------|----------------|------------|-------|-------|-------|
| 1.5ft | 0.46m | 525fc | 0.5ft | 0.15m | 0.5ft | 0.15m |
| 3.0ft | 0.91m | 140fc | 1.0ft | 0.30m | 1.0ft | 0.30m |
| 4.5ft | 1.37m | 62fc | 1.6ft | 0.49m | 1.6ft | 0.49m |
| 6.0ft | 1.83m | 35fc | 2.1ft | 0.64m | 2.1ft | 0.64m |
| 7.5ft | 2.29m | 23fc | 2.6ft | 0.79m | 2.6ft | 0.79m |
| 9.0ft | 2.74m | 16fc | 3.1ft | 0.95m | 3.1ft | 0.95m |

Delivered Lumen: 78lm
 ■ Vertical Beam Spread: 19.2°
 ■ Horizontal Beam Spread: 19.2°

Polar Candela Distribution



Beam Width: 30°

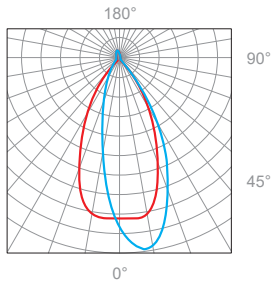


Illuminance at a Distance

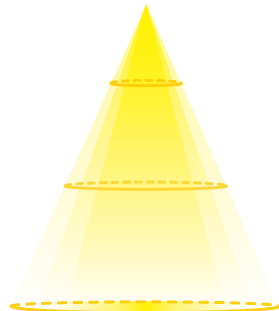
| Distance | | Center Beam fc | Beam Width | | | |
|----------|-------|----------------|------------|-------|--------|-------|
| 1.5ft | 0.46m | 335fc | 0.8ft | 0.24m | 0.8ft | 0.52m |
| 3.0ft | 0.91m | 82fc | 1.5ft | 0.46m | 1.5ft | 0.46m |
| 4.5ft | 1.37m | 38fc | 2.3ft | 0.70m | 2.3ft | 0.70m |
| 6.0ft | 1.83m | 23fc | 3.1ft | 0.94m | 3.0ft | 0.91m |
| 7.5ft | 2.29m | 15fc | 3.8ft | 1.16m | 3.8ft | 1.16m |
| 9.0ft | 2.74m | 11fc | 4.6ft | 1.40m | 10.4ft | 1.40m |

Delivered Lumen: 79lm
 ■ Vertical Beam Spread: 28.5°
 ■ Horizontal Beam Spread: 28.5°

Polar Candela Distribution



Beam Width: 40°



Illuminance at a Distance

| Distance | | Center Beam fc | Beam Width | | | |
|----------|-------|----------------|------------|-------|--------|-------|
| 1.5ft | 0.46m | 28fc | 4.8ft | 1.46m | 4.9ft | 1.49m |
| 3.0ft | 0.91m | 8fc | 9.6ft | 2.93m | 9.7ft | 2.96m |
| 4.5ft | 1.37m | 4fc | 14.4ft | 4.39m | 14.6ft | 4.45m |
| 6.0ft | 1.83m | 2.5fc | 19.2ft | 5.85m | 19.4ft | 5.91m |
| 7.5ft | 2.29m | 1.8fc | 24.0ft | 7.32m | 24.3ft | 7.41m |
| 9.0ft | 2.74m | 1.4fc | 28.9ft | 8.81m | 29.1ft | 8.87m |

Delivered Lumen: 75lm
 ■ Vertical Beam Spread : 116.1°
 ■ Horizontal Beam Spread : 116.6°