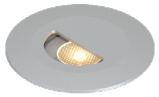
# L373

## INTERIOR

In-grade | For floor, ceilings, walls, and stairs

- Dry location



## Ordering Information

Clear Form

Date : _____

Project : _____

Type : _____

Quantity : _____

Note : _____

## Specifications

**Luminaire** | Example Code: L373-2-W30H-N-C-S6

| Product | Wattage | CCT & CRI | Beam Angle | Lens | Trim Finish [1] |
|---|---|---|---|---|---|
| **L373** | | | | | |
| | **1** 1W<br>**2** 2W | **W22S** 2200K 80+<br>**W27H** 2700K 90+<br>**W30H** 3000K 90+<br>**W35H** 3500K 90+<br>**W40H** 4000K 90+ | **S** spot 25°<br>**N** narrow flood 30°<br>**F** flood 50°<br>**W** wide flood 75° | **C** clear<br>**F** frosted | **Aluminum Finishes:**<br>**MA** matte clear anodized<br>**BA** black anodized<br>**BZ** bronze powder coated<br><br>**Stainless Steel Finish:**<br>**S6** stainless steel 316L |

### 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. *Different finish options are only applicable to trim ring and not for LED module housing. Refer to Appendix or MP Lighting website for complete look of luminaire with different trim 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.*

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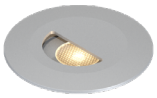


## Performance

| Wattage | Forward Current | Power Consumption Budget per fixture (including driver) | LED output (Source) | Fixture Output (Delivered) |
|---|---|---|---|---|
| 1W | 350mA | 1.3W | 110 lm | 20.5-46.2 lm |
| 2W | 700mA | 2.6W | 220 lm | 36.3-80.9 lm |

## Application

| | |
|---|---|
| Environment | Dry Location approved. IP 40. |
| Drive Over Rating | 9,700 lbs (4,400 kg) |
| Mounting | Comes with steel flange (FLG-L371-ZP) that mounts to pre-installed standard 4" (102mm) octagonal back box (not included), 1-1/2"(38mm) deep minimum, and 1/4"(6mm) setback from face of finished surface material. |

## 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<br>**Other options (consult factory):** TRIAC/MLV, DMX, DALI, Casambi |

## Luminaire Construction

| | |
|---|---|
| LED Light Source | **W22S =** CCT: 2200K, CRI (Ra): 80+, Colour Consistency: 3SDCM<br>**W27H =** CCT: 2700K, CRI (Ra): 90+, Colour Consistency: 2SDCM<br>**W30H =** CCT: 3000K, CRI (Ra): 90+, Colour Consistency: 2SDCM<br>**W35H =** CCT: 3500K, CRI (Ra): 90+, Colour Consistency: 2SDCM<br>**W40H =** CCT: 4000K, CRI (Ra): 90+, Colour Consistency: 2SDCM |
| Weight | 1.8 lbs (0.816 kg). Typical Aluminum Insert & Back Box only. |
| Weight | N/A |
| Material | **Fixture:** machined solid anodized aluminum or machined stainless steel (316L) with tempered glass |
| Supplied with | **Standard installation housing:** Comes with a steel mounting flange. |
| Warranty & LED Life | 5 years limited warranty<br>Estimated useful life of LED is 50,000 hours. |

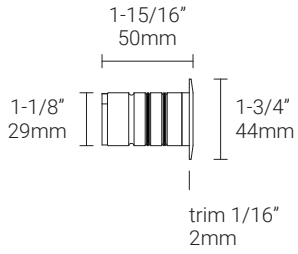
## Ordered Separately

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

## Mounting Options & Dimensions

### LED Insert Dimensions

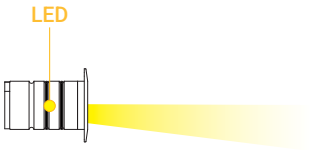
Fixture




Top View

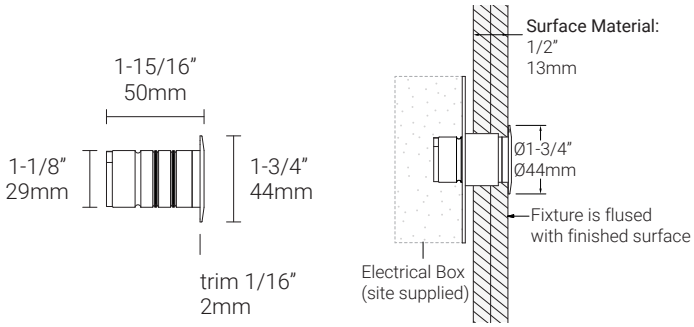
3D View

Beam




### Wall Installation (shown with FLG-L371-ZP mounting flange)

Fixture with a mounting flange




## Appendix

### Aluminum Finishes

**MA** matte clear anodized

**BA** black anodized

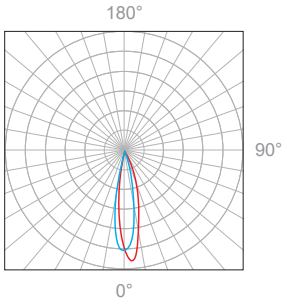
**BZ** bronze powder coated

### Stainless Steel Finishes

**S6** stainless steel 316L

## 1W, 3000K, 90+ CRI

### Polar Candela Distribution




### Beam Width: 25°

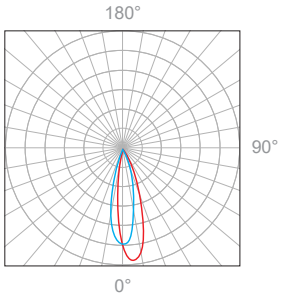
### Illuminance at a Distance

| Distance | | Center Beam fc | Beam Width | | | |
|---|---|---|---|---|---|---|
| 1.5ft | 0.46m | 74.3fc | 0.7ft | 0.21m | 0.6ft | 0.18m |
| 3.0ft | 0.91m | 18.6fc | 1.3ft | 0.39m | 1.3ft | 0.39m |
| 4.5ft | 1.37m | 8.26fc | 2.0ft | 0.61m | 1.9ft | 0.58m |
| 6.0ft | 1.83m | 4.64fc | 2.6ft | 0.79m | 2.5ft | 0.76m |
| 7.5ft | 2.29m | 2.97fc | 3.3ft | 1.00m | 3.2ft | 0.97m |
| 9.0ft | 2.74m | 2.06fc | 3.9ft | 1.18m | 3.8ft | 1.15m |

**Delivered Lumen: 46.2 lm**
Vertical Beam Spread: 24.6°
Horizontal Beam Spread: 23.7°

*Tested on 10/07/2024*

### Polar Candela Distribution




### Beam Width: 30°

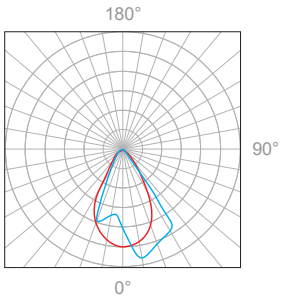
### Illuminance at a Distance

| Distance | | Center Beam fc | Beam Width | | | |
|---|---|---|---|---|---|---|
| 1.5ft | 0.46m | 53.6fc | 0.8ft | 0.24m | 0.9ft | 0.27m |
| 3.0ft | 0.91m | 13.4fc | 1.6ft | 0.49m | 1.8ft | 0.54m |
| 4.5ft | 1.37m | 5.96fc | 2.4ft | 0.73m | 2.7ft | 0.82m |
| 6.0ft | 1.83m | 3.35fc | 3.2ft | 0.98m | 3.7ft | 1.12m |
| 7.5ft | 2.29m | 2.14fc | 4.0ft | 1.22m | 4.6ft | 1.40m |
| 9.0ft | 2.74m | 1.49fc | 4.8ft | 1.46m | 5.5ft | 1.67m |

**Delivered Lumen: 44.5 lm**
Vertical Beam Spread: 29.8°
Horizontal Beam Spread: 33.9°

*Tested on 10/07/2024*

### Polar Candela Distribution




### Beam Width: 50°

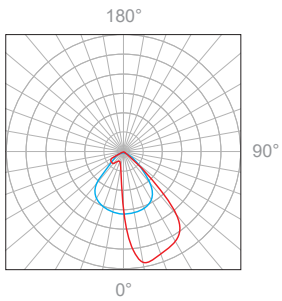
### Illuminance at a Distance

| Distance | | Center Beam fc | Beam Width | | | |
|---|---|---|---|---|---|---|
| 1.5ft | 0.46m | 20.0fc | 1.3ft | 0.39m | 1.4ft | 0.42m |
| 3.0ft | 0.91m | 5.00fc | 2.6ft | 0.79m | 2.8ft | 0.85m |
| 4.5ft | 1.37m | 2.22fc | 3.8ft | 1.15m | 4.2ft | 1.28m |
| 6.0ft | 1.83m | 1.25fc | 5.1ft | 1.55m | 5.6ft | 1.70m |
| 7.5ft | 2.29m | 0.80fc | 6.4ft | 1.95m | 7.0ft | 2.13m |
| 9.0ft | 2.74m | 0.56fc | 7.7ft | 2.34m | 8.4ft | 2.56m |

**Delivered Lumen: 45.3 lm**
Vertical Beam Spread: 46.2°
Horizontal Beam Spread: 50.1°

*Tested on 04/24/2026*

### Polar Candela Distribution




### Beam Width: 70°

### Illuminance at a Distance

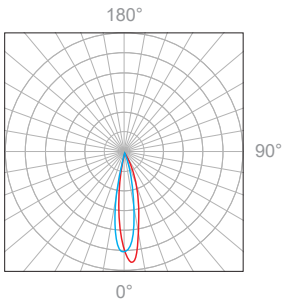
| Distance | | Center Beam fc | Beam Width | | | |
|---|---|---|---|---|---|---|
| 1.5ft | 0.46m | 6.43fc | 1.0ft | 0.30m | 2.2ft | 0.67m |
| 3.0ft | 0.91m | 1.61fc | 1.9ft | 0.58m | 4.4ft | 1.34m |
| 4.5ft | 1.37m | 0.71fc | 2.9ft | 0.88m | 6.6ft | 2.01m |
| 6.0ft | 1.83m | 0.40fc | 3.9ft | 1.18m | 8.7ft | 2.65m |
| 7.5ft | 2.29m | 0.26fc | 4.9ft | 1.49m | 10.9ft | 3.32m |
| 9.0ft | 2.74m | 0.18fc | 5.8ft | 1.76m | 13.1ft | 3.99m |

**Delivered Lumen: 20.5 lm**
Vertical Beam Spread: 35.9°
Horizontal Beam Spread: 72.1°

*Tested on 10/07/2024*

## 2W, 3000K, 90+ CRI

### Polar Candela Distribution




### Beam Width: 25°

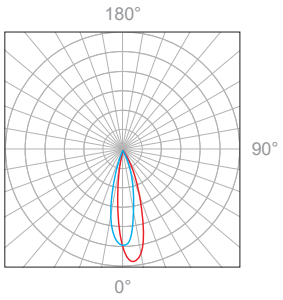
### Illuminance at a Distance

| Distance | | Center Beam fc | Beam Width | | | |
|---|---|---|---|---|---|---|
| 1.5ft | 0.46m | 140fc | 0.6ft | 0.18m | 0.6ft | 0.18m |
| 3.0ft | 0.91m | 35.0fc | 1.2ft | 0.36m | 1.3ft | 0.39m |
| 4.5ft | 1.37m | 15.6fc | 1.8ft | 0.55m | 1.9ft | 0.58m |
| 6.0ft | 1.83m | 8.75fc | 2.5ft | 0.76m | 2.5ft | 0.76m |
| 7.5ft | 2.29m | 5.60fc | 3.1ft | 0.94m | 3.2ft | 0.97m |
| 9.0ft | 2.74m | 3.89fc | 3.7ft | 1.12m | 3.8ft | 1.15m |

**Delivered Lumen: 80.9 lm**
Vertical Beam Spread: 23.2°
Horizontal Beam Spread: 23.8°

*Tested on 10/07/2024*

### Polar Candela Distribution




### Beam Width: 30°

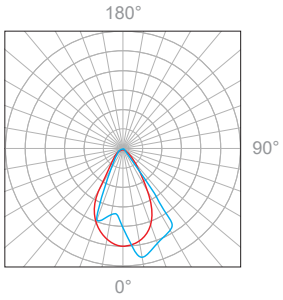
### Illuminance at a Distance

| Distance | | Center Beam fc | Beam Width | | | |
|---|---|---|---|---|---|---|
| 1.5ft | 0.46m | 91.5fc | 0.8ft | 0.24m | 0.9ft | 0.27m |
| 3.0ft | 0.91m | 22.9fc | 1.6ft | 0.48m | 1.8ft | 0.54m |
| 4.5ft | 1.37m | 10.2fc | 2.5ft | 0.76m | 2.7ft | 0.82m |
| 6.0ft | 1.83m | 5.72fc | 3.3ft | 1.00m | 3.6ft | 1.09m |
| 7.5ft | 2.29m | 3.66fc | 4.1ft | 1.25m | 4.5ft | 1.37m |
| 9.0ft | 2.74m | 2.54fc | 4.9ft | 1.49m | 5.4ft | 1.64m |

**Delivered Lumen: 76.1 lm**
Vertical Beam Spread: 30.5°
Horizontal Beam Spread: 33.6°

*Tested on 10/07/2024*

### Polar Candela Distribution




### Beam Width: 50°

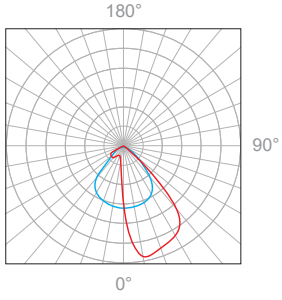
### Illuminance at a Distance

| Distance | | Center Beam fc | Beam Width | | | |
|---|---|---|---|---|---|---|
| 1.5ft | 0.46m | 35.7fc | 1.3ft | 0.39m | 1.4ft | 0.42m |
| 3.0ft | 0.91m | 8.93fc | 2.6ft | 0.79m | 2.8ft | 0.85m |
| 4.5ft | 1.37m | 3.97fc | 3.9ft | 1.18m | 4.2ft | 1.28m |
| 6.0ft | 1.83m | 2.23fc | 5.1ft | 1.55m | 5.6ft | 1.70m |
| 7.5ft | 2.29m | 1.43fc | 6.4ft | 1.95m | 7.0ft | 2.13m |
| 9.0ft | 2.74m | 0.99fc | 7.7ft | 2.34m | 8.4ft | 2.56m |

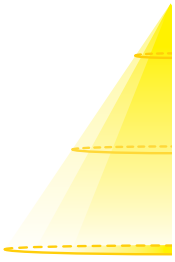
**Delivered Lumen: 73 lm**
Vertical Beam Spread: 46.4°
Horizontal Beam Spread: 50°

*Tested on 04/24/2026*

### Polar Candela Distribution




### Beam Width: 70°



### Illuminance at a Distance

| Distance | | Center Beam fc | Beam Width | | | |
|---|---|---|---|---|---|---|
| 1.5ft | 0.46m | 10.7fc | 1.0ft | 0.30m | 2.1ft | 0.64m |
| 3.0ft | 0.91m | 2.68fc | 2.0ft | 0.61m | 4.3ft | 1.31m |
| 4.5ft | 1.37m | 1.19fc | 3.0ft | 0.91m | 6.4ft | 1.95m |
| 6.0ft | 1.83m | 0.67fc | 3.9ft | 1.18m | 8.6ft | 2.62m |
| 7.5ft | 2.29m | 0.43fc | 4.9ft | 1.49m | 10.7ft | 3.26m |
| 9.0ft | 2.74m | 0.30fc | 5.9ft | 1.79m | 12.9ft | 3.93m |

**Delivered Lumen: 36.3 lm**
Vertical Beam Spread : 36.4°
Horizontal Beam Spread : 71.1°

*Tested on 10/07/2024*