

# L371

## INTERIOR

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

- Dry location



### Ordering Information Clear Form

<p>Date : _____</p> <p>Project : _____</p> <p>Type : _____</p>	<p>Quantity : _____</p> <p>Note : _____</p>
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### Specifications

**Luminaire** | Example Code: L371-2-W30H-N-C-NB-S6

Product	Version	CCT & CRI	Beam Angle <sup>1</sup>	Lens	Flange & Back Box <sup>2</sup>	Trim Finish <sup>3</sup>
<b>L371</b>						
	1 1W 2 2W	<b>W22S</b> 2200K 80+ <b>W27H</b> 2700K 90+ <b>W30H</b> 3000K 90+ <b>W35H</b> 3500K 90+ <b>W41H</b> 4100K 90+	<b>S</b> spot 12° <b>N</b> narrow flood 30° <b>F</b> flood 50° <b>W</b> wide flood 120°	<b>C</b> clear <b>F</b> frosted	<b>Octagonal Aluminum Back Box with:</b> <b>S</b> standard flange depth: 2-7/8" (73mm)  <b>NB</b> no back box or flange  <b>PIPE</b> 1-1/4" PVC pipe length: 11-13/16" (300mm)	<b>Aluminum Finishes:</b> <b>MA</b> matte clear anodized <b>BA</b> black anodized <b>BZ</b> bronze powder coated  <b>Stainless Steel Finish:</b> <b>S6</b> stainless steel 316

### System Components (Ordered Separately)

Remote Driver : \_\_\_\_\_

\* Consult MP Lighting Website or Factory.

### Important Notes

#### Specification

1. See *Light Distribution* section for illustration of different combinations of beam angles and angle bracket.
2. For components included, refer to *Luminaire Construction* section. See pg.3 for back box and flange options.
3. 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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## INTERIOR

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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	44-83.2 lm
2W	700mA	2.6W	220 lm	77.4-145.7 lm

### Application

Environment	Dry Location approved. IP 40. Ambient temperature: -4°F to 104°F (-20°C to 40°C) For lower temperature, consult MP Factory.
Mounting	Comes with FLG-L371-ZP steel flange 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 drywall.

### Electrical

Electrical	Remote LED drivers (120-277V AC input, <b>constant current output</b> ): Fixtures to be wired in series.
Control	<b>On/off control   Dimming:</b> ELV or 0-10V dimming with appropriate drivers <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 <b>W27H</b> = CCT: 2700K, CRI (Ra): 90+, Colour Consistency: 2SDCM <b>W30H</b> = CCT: 3000K, CRI (Ra): 90+, Colour Consistency: 2SDCM <b>W35H</b> = CCT: 3500K, CRI (Ra): 90+, Colour Consistency: 2SDCM <b>W41H</b> = CCT: 4100K, CRI (Ra): 90+, Colour Consistency: 3SDCM
Weight	N/A
Material	<b>Fixture:</b> machined solid anodized aluminum or machined stainless steel (316) with tempered glass
Supplied with	<b>Standard installation housing:</b> Comes with a steel mounting flange.
Warranty & LED Life	5 years limited warranty Estimated useful life of LED is 50,000 hours.

### Ordered Separately

System Components	<b>Power supplies:</b> remote driver Please consult factory or visit <a href="#">Recommended Drivers</a> for available driver options.
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Mounting Options & Dimensions

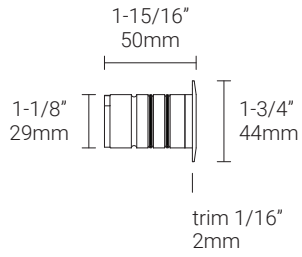
LED Insert Dimensions

Fixture

Top View

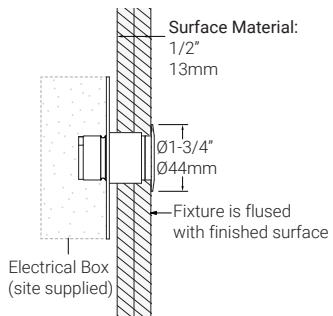
3D View

Beam



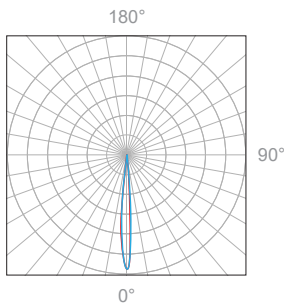
Wall Installation (shown with **FLG-L371-ZP** mounting flange)

Fixture with a mounting flange



1W, 3000K, 90+ CRI

**Polar Candela Distribution**



**Beam Width: 12°**



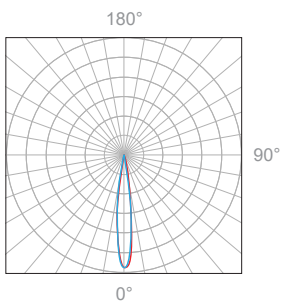
**Illuminance at a Distance**

Distance		Center Beam fc	Beam Width			
1.5ft	0.46m	148fc	0.6ft	0.18m	0.6ft	0.18m
3.0ft	0.91m	37.0fc	1.3ft	0.39m	1.2ft	0.36m
4.5ft	1.37m	16.4fc	1.9ft	0.58m	1.9ft	0.58m
6.0ft	1.83m	9.25fc	2.6ft	0.79m	2.5ft	0.76m
7.5ft	2.29m	5.92fc	3.2ft	0.97m	3.1ft	0.94m
9.0ft	2.74m	4.11fc	3.9ft	1.18m	3.7ft	1.12m

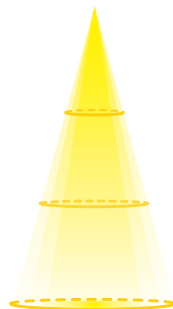
Delivered Lumen: 83.2 lm  
 ■ Vertical Beam Spread: 24.1°  
 ■ Horizontal Beam Spread: 23.3°

Tested on 10/07/2024

**Polar Candela Distribution**



**Beam Width: 30°**



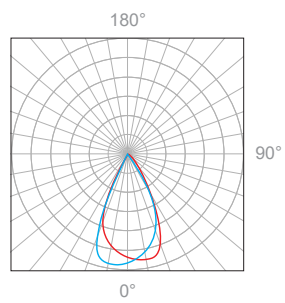
**Illuminance at a Distance**

Distance		Center Beam fc	Beam Width			
1.5ft	0.46m	99.3fc	0.8ft	0.24m	0.9ft	0.27m
3.0ft	0.91m	24.8fc	1.6ft	0.49m	1.7ft	0.52m
4.5ft	1.37m	11.0fc	2.4ft	0.73m	2.6ft	0.79m
6.0ft	1.83m	6.21fc	3.2ft	0.97m	3.5ft	1.06m
7.5ft	2.29m	3.97fc	4.0ft	1.22m	4.3ft	1.31m
9.0ft	2.74m	2.76fc	4.8ft	1.46m	5.2ft	1.58m

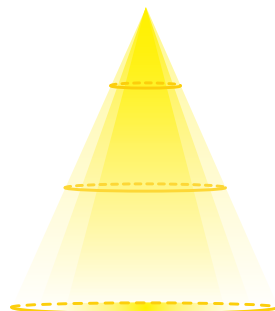
Delivered Lumen: 81 lm  
 ■ Vertical Beam Spread: 29.9°  
 ■ Horizontal Beam Spread: 32.1°

Tested on 10/07/2024

**Polar Candela Distribution**



**Beam Width: 50°**



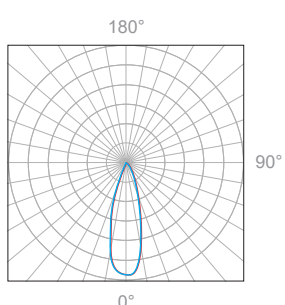
**Illuminance at a Distance**

Distance		Center Beam fc	Beam Width			
1.5ft	0.46m	36.4fc	1.4ft	0.42m	1.3ft	0.39m
3.0ft	0.91m	9.11fc	2.9ft	0.88m	2.6ft	0.79m
4.5ft	1.37m	4.05fc	4.3ft	1.31m	3.9ft	1.18m
6.0ft	1.83m	2.28fc	5.8ft	1.76m	5.2ft	1.58m
7.5ft	2.29m	1.46fc	7.2ft	2.19m	6.5ft	1.98m
9.0ft	2.74m	1.01fc	8.6ft	2.62m	7.8ft	2.37m

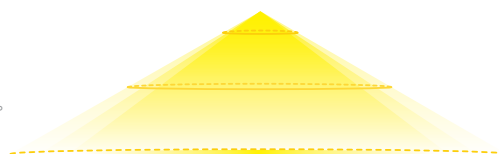
Delivered Lumen: 78.7 lm  
 ■ Vertical Beam Spread: 51.3°  
 ■ Horizontal Beam Spread: 47°

Tested on 04/24/2026

**Polar Candela Distribution**



**Beam Width: 120°**



**Illuminance at a Distance**

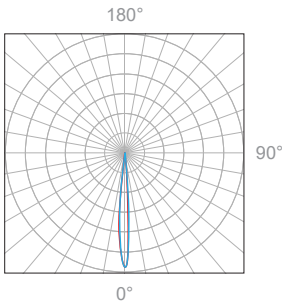
Distance		Center Beam fc	Beam Width			
1.5ft	0.46m	15.0fc	2.3ft	0.70m	2.3ft	0.70m
3.0ft	0.91m	3.7fc	4.6ft	1.40m	4.7ft	1.43m
4.5ft	1.37m	1.67fc	6.8ft	2.07m	7.0ft	2.13m
6.0ft	1.83m	0.94fc	9.1ft	2.77m	9.3ft	2.83m
7.5ft	2.29m	0.60fc	11.4ft	3.47m	11.7ft	3.56m
9.0ft	2.74m	0.42fc	13.7ft	4.17m	14.0ft	4.26m

Delivered Lumen: 44 lm  
 ■ Vertical Beam Spread : 74.4°  
 ■ Horizontal Beam Spread : 75.7°

Tested on 10/07/2024

2W, 3000K, 90+ CRI

**Polar Candela Distribution**



**Beam Width: 12°**



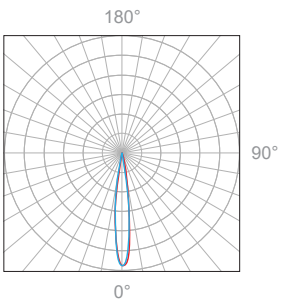
**Illuminance at a Distance**

Distance		Center Beam fc	Beam Width			
1.5ft	0.46m	253fc	0.6ft	0.18m	0.6ft	0.18m
3.0ft	0.91m	63.2fc	1.3ft	0.39m	1.3ft	0.39m
4.5ft	1.37m	28.1fc	1.9ft	0.58m	1.9ft	0.58m
6.0ft	1.83m	15.8fc	2.6ft	0.79m	2.5ft	0.76m
7.5ft	2.29m	10.1fc	3.2ft	0.97m	3.2ft	0.97m
9.0ft	2.74m	7.03fc	3.9ft	1.15m	3.8ft	1.15m

Delivered Lumen: 145.7 lm  
 ■ Vertical Beam Spread: 24.1°  
 ■ Horizontal Beam Spread: 23.9°

Tested on 10/07/2024

**Polar Candela Distribution**



**Beam Width: 30°**



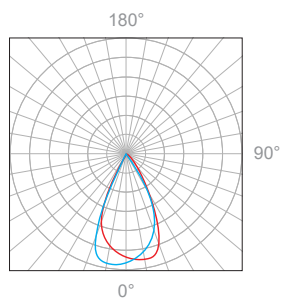
**Illuminance at a Distance**

Distance		Center Beam fc	Beam Width			
1.5ft	0.46m	171fc	0.8ft	0.24m	0.8ft	0.24m
3.0ft	0.91m	42.7fc	1.6ft	0.48m	1.7ft	0.52m
4.5ft	1.37m	19.0fc	2.4ft	0.73m	2.5ft	0.76m
6.0ft	1.83m	10.7fc	3.2ft	0.97m	3.3ft	1.00m
7.5ft	2.29m	6.83fc	4.0ft	1.22m	4.2ft	1.28m
9.0ft	2.74m	4.74fc	4.8ft	1.46m	5.0ft	1.52m

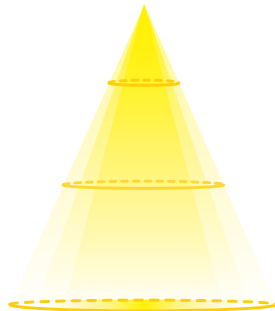
Delivered Lumen: 141.8 lm  
 ■ Vertical Beam Spread: 30.0°  
 ■ Horizontal Beam Spread: 31.1°

Tested on 10/07/2024

**Polar Candela Distribution**



**Beam Width: 50°**



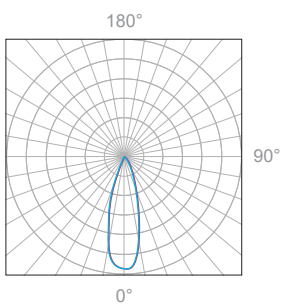
**Illuminance at a Distance**

Distance		Center Beam fc	Beam Width			
1.5ft	0.46m	64.3fc	1.4ft	0.42m	1.3ft	0.39m
3.0ft	0.91m	16.1fc	2.9ft	0.88m	2.6ft	0.79m
4.5ft	1.37m	7.15fc	4.3ft	1.31m	3.9ft	1.18m
6.0ft	1.83m	4.02fc	5.8ft	1.76m	5.2ft	1.58m
7.5ft	2.29m	2.57fc	7.2ft	2.19m	6.5ft	1.98m
9.0ft	2.74m	1.79fc	8.6ft	2.62m	7.8ft	2.37m

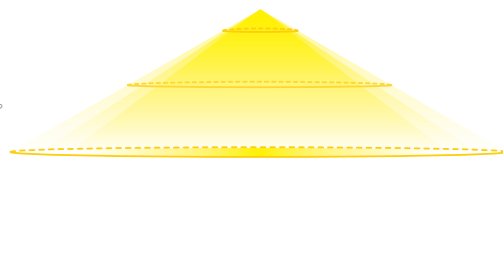
Delivered Lumen: 130.7 lm  
 ■ Vertical Beam Spread: 51.4°  
 ■ Horizontal Beam Spread: 46.9°

Tested on 04/24/2026

**Polar Candela Distribution**



**Beam Width: 120°**



**Illuminance at a Distance**

Distance		Center Beam fc	Beam Width			
1.5ft	0.46m	27.2fc	2.3ft	0.70m	2.3ft	0.70m
3.0ft	0.91m	6.79fc	4.6ft	1.40m	4.5ft	1.37m
4.5ft	1.37m	3.02fc	6.9ft	2.10m	6.8ft	2.07m
6.0ft	1.83m	1.70fc	9.2ft	2.80m	9.0ft	2.74m
7.5ft	2.29m	1.09fc	11.5ft	3.50m	11.3ft	3.44m
9.0ft	2.74m	0.75fc	13.8ft	4.20m	13.6ft	4.14m

Delivered Lumen: 77.4 lm  
 ■ Vertical Beam Spread : 74.8°  
 ■ Horizontal Beam Spread : 74.0°

Tested on 10/07/2024

Appendix

Aluminum Finishes



MA matte clear anodized



BA black anodized



BZ bronze powder coated

Stainless Steel Finish



S6 stainless steel 316