

# L550

INTERIOR  
Tiltable Recessed Downlight

- Dry location



Shown with Full Shroud & Tilted

## Ordering Information

Clear Form

Date : \_\_\_\_\_ Quantity : \_\_\_\_\_

Project : \_\_\_\_\_ Note : \_\_\_\_\_

Type : \_\_\_\_\_

## Specifications

Luminaire | Example Code: L550-2-W30H-ELB4-NA-BA

Product	Wattage	CCT & CRI <sup>1</sup>	Beam Angle	Reflector Finish	Louver (optional)	Accessories	Trim Finish <sup>2</sup>
L550	2						
	2 2W	<b>Standard (80+) CRI:</b> W22S 2200K 80+  <b>High (90+) CRI:</b> W27H 2700K 90+ W30H 3000K 90+ W35H 3500K 90+ W41H 4100K 90+	<b>S</b> spot 12° <b>N</b> narrow flood 30° <b>F</b> flood 45°	<b>B</b> black <b>W</b> white <b>MA</b> matte clear anodized <b>BZ</b> bronze powder coating	<b>ELB4</b> eggcrate louver, black anodized	<b>NA</b> no accessories <b>SH</b> full shroud	<b>MA</b> matte clear anodized <b>BA</b> black anodized <b>WH</b> white powder coating <b>BZ</b> bronze powder coating

### System Components (Ordered Separately)

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

\* Consult MP Lighting Website or Factory.

### Important Notes

**Specification**

1. Refer to pg.2 - for light quality and colour consistency details.
2. 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.

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### Performance

Wattage	Forward Current	Power Consumption Budget per fixture (including driver)	LED output (Source)	Fixture Output (Delivered)
2W	700mA	3W	220 lm	107-133 lm

### Application

Environment	Dry Location approved. IP 40.
Mounting	Recessed mount to cabinet millwork with coil spring clips. Comes with 2" (610 mm) wire lead. Cut out size: 2- 5/8" (67mm)

### Electrical

Electrical	Remote LED drivers (120-277V AC input, <b>constant current output</b> )
Control	<b>On/off control</b> <b>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> Solid anodized aluminum
Supplied with	<b>Standard installation housing:</b> Comes with universal crossbar and mounting screws (2).
Warranty & LED Life	5 years limited warranty Estimated useful life of LED is 50,000 hours.

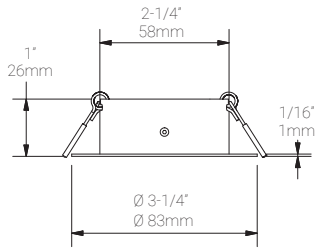
### Ordered Separately

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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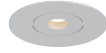
Mounting Options & Dimensions

LED Fixture Dimensions

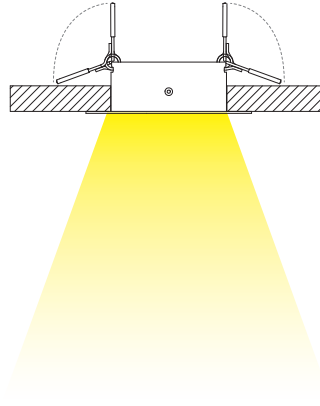
Fixture



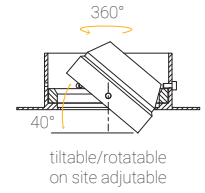
3D View



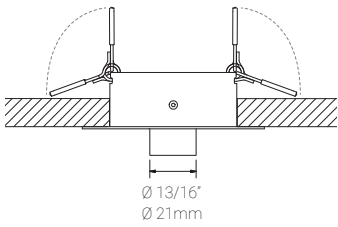
Beam



Fixture (shown with tilt)



Fixture (shown with shroud)

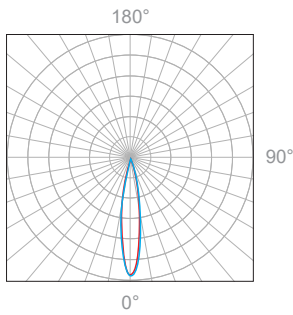


3D View (with full shroud)



2W, 2700K, 90+ CRI, with FS (full shroud)

Polar Candela Distribution



Beam Width: 12°

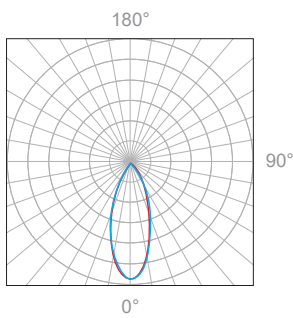


Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	1,506fc	0.2ft	0.06m	0.2ft	0.06m
2.0ft	0.61m	377fc	0.4ft	0.12m	0.4ft	0.12m
3.0ft	0.91m	167fc	0.7ft	0.21m	0.7ft	0.21m
4.0ft	1.22m	94.1fc	0.9ft	0.27m	0.9ft	0.27m
5.0ft	1.52m	60.3fc	1.1ft	0.33m	1.1ft	0.33m
6.0ft	1.83m	41.8fc	1.3ft	0.39m	1.3ft	0.39m

Delivered Lumen: 106.5 lm  
 ■ Vertical Beam Spread : 12.6°  
 ■ Horizontal Beam Spread : 12.6°

Polar Candela Distribution



Beam Width: 30°

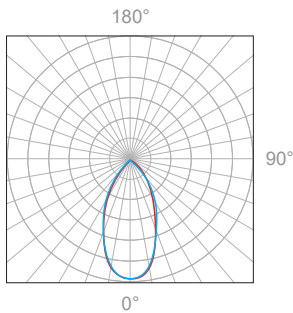


Illuminance at a Distance

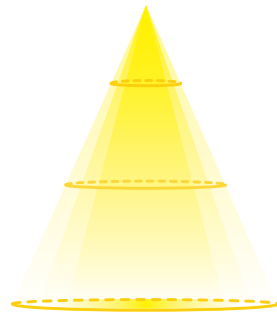
Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	403c	0.5ft	0.15m	0.5ft	0.15m
2.0ft	0.61m	101fc	1.1ft	0.33m	1.1ft	0.33m
3.0ft	0.91m	44.8fc	1.6ft	0.49m	1.6ft	0.49m
4.0ft	1.22m	25.2fc	2.1ft	0.64m	2.1ft	0.64m
5.0ft	1.52m	16.1fc	2.6ft	0.79m	2.6ft	0.76m
6.0ft	1.83m	11.2fc	3.2ft	0.97m	3.2ft	0.97m

Delivered Lumen: 130.3 lm  
 ■ Vertical Beam Spread : 29.6°  
 ■ Horizontal Beam Spread : 29.6°

Polar Candela Distribution



Beam Width: 45°

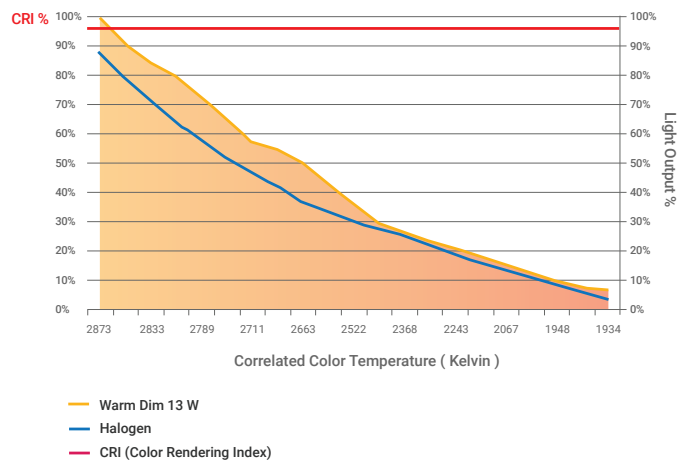


Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	167fc	0.9ft	0.27m	0.9ft	0.27m
2.0ft	0.61m	41.7fc	1.8ft	0.54m	1.8ft	0.54m
3.0ft	0.91m	18.5fc	2.7ft	0.82m	2.7ft	0.82m
4.0ft	1.22m	10.4fc	3.6ft	1.09m	3.6ft	1.09m
5.0ft	1.52m	6.67fc	4.6ft	1.40m	4.6ft	1.40m
6.0ft	1.83m	4.63fc	5.5ft	1.67m	5.5ft	1.67m

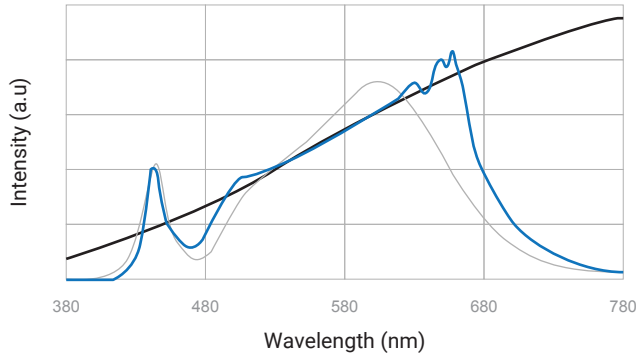
Delivered Lumen: 133.2 lm  
 ■ Vertical Beam Spread : 49°  
 ■ Horizontal Beam Spread : 49°

Warm Dimming VS. Halogen



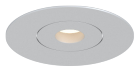
Full Spectrum

— Full Spectrum — Standard Illuminant @ 3000K — Ra≥80



Appendix

Aluminum Finishes and Trims:



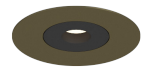
MA matte clear anodized



BA black anodized



WH white powder coating



BZ bronze powder coating



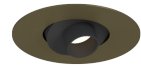
MA matte clear anodized



BA black anodized



WH white powder coating



BZ bronze powder coating