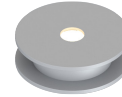


# L580

INTERIOR  
Carpet Light

● Dry location



## Ordering Information

Clear Form

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

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

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

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

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

## Specifications

Luminaire | Example Code: L580-1-W303H-S-MA

Product	Version	CCT & CRI	Beam Angle	Trim Finish
L580	1			MA
	1 1W	<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+	S spot 12° N narrow flood 30° F flood 80°	<b>Aluminum Finish:</b> MA matte clear anodized

### System Components (Ordered Separately)

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

\* Consult MP Lighting Website or Factory.

### Important Notes

Specification

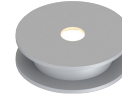
#### Warranty Notes & Disclaimer

*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.*

# L580

INTERIOR  
Carpet Light

● Dry location



## Performance

Wattage	Forward Current	Power Consumption Budget per fixture (including driver)	LED output (Source)	Fixture Output (Delivered)
1W	350mA	1.3W	110 lm	63-66 lm

## Application

Environment	Dry Location approved. IP 40.
Mounting	<b>Recessed:</b> Designed to be installed on carpets. Two parts: front and back are designed to be screwed together. <b>Cut-out size:</b> Ø1-1/8" (Ø28mm)

## Electrical

Power Supplies	Remote LED drivers (120-277V AC input, <b>constant current output</b> ): Fixtures to be wired in series.
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

Weight	N/A
Material	<b>Fixture:</b> machined marine-grade aluminum
Warranty & LED Life	5 years limited warranty Estimated useful life of LED is 50,000 hours.

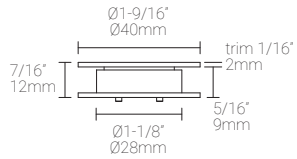
## Ordered Separately

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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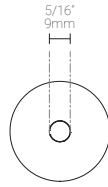
Mounting Options & Dimensions

LED Fixture Dimensions

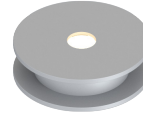
Fixture



Top View



3D View

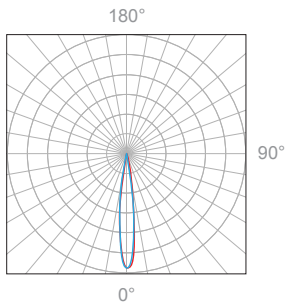


Beam



1W, 3000K, 90+ CRI

Polar Candela Distribution



Beam Width: 12°

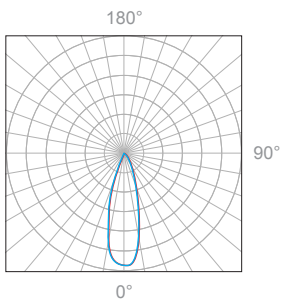


Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	106fc	0.6ft	0.18m	0.6ft	0.18m
6.0ft	1.83m	26.5fc	1.3ft	0.40m	1.3ft	0.40m
9.0ft	2.74m	11.8fc	1.9ft	0.58m	1.9ft	0.58m
12.0ft	3.66m	6.63fc	2.5ft	0.76m	2.5ft	0.76m
15.0ft	4.57m	4.24fc	3.1ft	0.95m	3.1ft	0.95m
18.0ft	5.49m	2.95fc	3.8ft	1.16m	3.8ft	1.16m

Delivered Lumen: 63.4lm  
 ■ Vertical Beam Spread: 12.0°  
 ■ Horizontal Beam Spread: 12.0°

Polar Candela Distribution



Beam Width: 30°

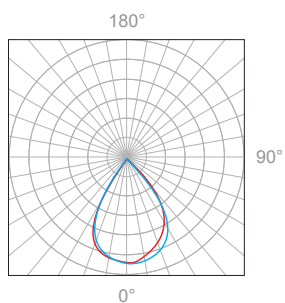


Illuminance at a Distance

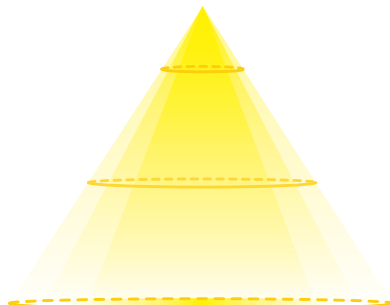
Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	20.6fc	1.6ft	0.49m	1.6ft	0.49m
6.0ft	1.83m	5.14fc	3.2ft	0.98m	3.2ft	0.98m
9.0ft	2.74m	2.29fc	4.7ft	1.43m	4.7ft	1.43m
12.0ft	3.66m	1.29fc	6.3ft	1.92m	6.3ft	1.92m
15.0ft	4.57m	0.82fc	7.9ft	2.41m	7.9ft	2.41m
18.0ft	5.49m	0.57fc	9.5ft	2.89m	9.5ft	2.89m

Delivered Lumen: 65.8lm  
 ■ Vertical Beam Spread: 29.5°  
 ■ Horizontal Beam Spread: 29.5°

Polar Candela Distribution



Beam Width: 80°



Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	4.29fc	5.1ft	1.55m	4.9ft	1.49m
6.0ft	1.83m	1.07fc	10.3ft	3.14m	9.8ft	2.98m
9.0ft	2.74m	0.48fc	15.4ft	4.69m	14.7ft	4.48m
12.0ft	3.65m	0.27fc	20.6ft	6.27m	19.6ft	5.97m
15.0ft	4.57m	0.27fc	25.7ft	7.83m	24.6ft	7.49m
18.0ft	5.48m	0.12fc	30.8ft	9.38m	29.5ft	8.99m

Delivered Lumen: 65.4 lm  
 ■ Vertical Beam Spread: 81.2°  
 ■ Horizontal Beam Spread: 78.6°