

L750

INTERIOR

Wall-mount | For walls and stairs

● Dry location



Ordering Information

Clear Form

Date :	_____	Quantity :	_____
Project :	_____	Note :	_____
Type :	_____		_____

Specifications

Luminaire | Example Code: L750-1-W30H-S-C-D-MA

Product	Version	CCT & CRI ¹	Beam Angle ²	Lens	Input Voltage	Trim Finish ³
L750	1				D	
	1 1W	W22S 2200K 80+ W27H 2700K 90+ W30H 3000K 90+ W35H 3500K 90+ W41H 4100K 90+	S spot 15° N narrow flood 30° F flood 80°	C clear F frosted	D DC	Aluminum Finishes: MA matte clear anodized BA black anodized BZ bronze powder coated

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.
2. See Light Distribution section for illustration of different combinations of beam angles and angle bracket. Angle bracket is fixed at 15°.
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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Performance

Wattage	Forward Current	Power Consumption Budget per fixture (including driver)	LED output (Source)	Fixture Output (Delivered)
1W	350mA	1.3W	110 lm	48-74 lm

Application

Environment	Dry Location approved. IP 40.
Mounting	Recessed: Recessed mount to wall with coil spring clips and a mounting flange (included). Comes with 2'(610mm) wire lead.

Electrical

Power Supplies	Remote LED drivers (120-277V AC input, constant current output): Fixtures to be wired in series.
Control	On/off control Dimming (consult factory): ELV or 0-10V dimming with appropriate drivers Other options (consult factory): TRIAC/MLV, DMX, DALI, Casambi, Power over Ethernet

Luminaire Construction

LED Light Source	W22S = CCT: 2200K, CRI (Ra): 80+, Colour Consistency: 3SDCM W27H = CCT: 2700K, CRI (Ra): 90+, Colour Consistency: 2SDCM W30H = CCT: 3000K, CRI (Ra): 90+, Colour Consistency: 2SDCM W35H = CCT: 3500K, CRI (Ra): 90+, Colour Consistency: 2SDCM W41H = CCT: 4100K, CRI (Ra): 90+, Colour Consistency: 3SDCM <i>Includes a fixed 15° angle bracket on LED source.</i>
Weight	N/A
Material	Fixture: machined solid anodized aluminum with tempered glass
Supplied with	Standard installation housing: Comes with a steel mounting flange. Wire lead: 2' (610mm)
Warranty & LED Life	5 years limited warranty Estimated useful life of LED is 50,000 hours.

Ordered Separately

System Components	Power supplies: remote driver
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Mounting Options & Dimensions

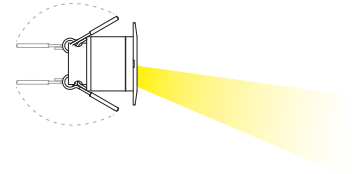
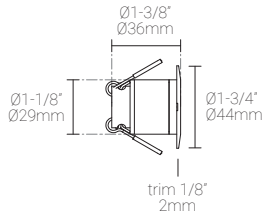
LED Insert Dimensions

Fixture

Top View

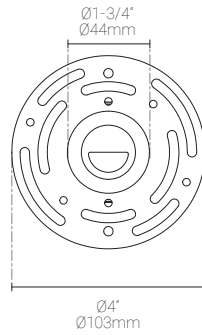
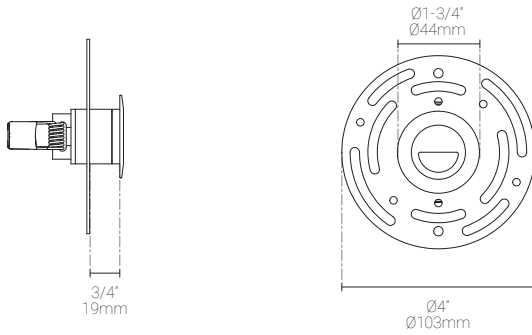
3D View

Beam



Ceiling, Wall, and Stair Riser Installation (shown with PLT-C21-01 mounting flange)

Wall installation



Appendix

Aluminum Finishes



MA matte clear anodized

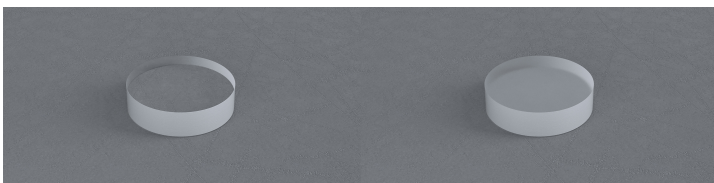


BA black anodized



BZ bronze powder coated

Lens Options

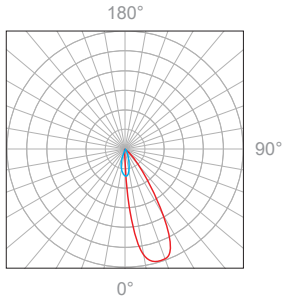


C clear lens

F frosted

Photometric Report | 1W, 2700K, 90+ CRI

Polar Candela Distribution



Beam Width: 15°

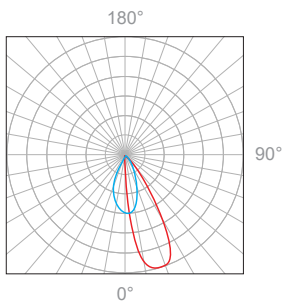


Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	5.90fc	1.5ft	0.45m	1.3ft	0.39m
6.0ft	1.83m	1.47fc	3.0ft	0.91m	2.7ft	0.82m
9.0ft	2.74m	0.66fc	4.5ft	1.37m	4.0ft	1.22m
12ft	3.66m	0.37fc	6.0ft	1.82m	5.4ft	1.64m
15ft	4.57m	0.24fc	7.5ft	2.28m	6.7ft	2.04m
18ft	5.49m	0.16fc	9.1ft	2.77m	8.1ft	2.46m

Delivered Lumen: 69.9 lm
 ■ Vertical Beam Spread : 28.2°
 ■ Horizontal Beam Spread : 25.3°

Polar Candela Distribution



Beam Width: 30°

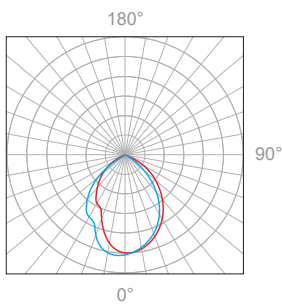


Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	9.65fc	2.2ft	0.66m	1.9ft	0.57m
6.0ft	1.83m	2.41fc	4.5ft	1.37m	3.8ft	1.15m
9.0ft	2.74m	1.07fc	6.7ft	2.04m	5.7ft	1.73m
12ft	3.66m	0.60fc	9.0ft	2.74m	7.6ft	2.31m
15ft	4.57m	0.39fc	11.2ft	3.41m	9.5ft	2.89m
18ft	5.49m	0.27fc	13.5ft	4.11m	11.4ft	3.47m

Delivered Lumen: 74 lm
 ■ Vertical Beam Spread : 41.1°
 ■ Horizontal Beam Spread : 35.1°

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	3.1ft	0.94m
6.0ft	1.83m	1.07fc	10.2ft	3.11m	6.3ft	1.92m
9.0ft	2.74m	0.48fc	15.4ft	4.69m	9.4ft	2.86m
12ft	3.66m	0.27fc	20.5ft	6.24m	12.5ft	3.81m
15ft	4.57m	0.17fc	25.6ft	7.80m	15.6ft	4.75m
18ft	5.49m	0.12fc	30.7ft	9.35m	18.8ft	5.73m

Delivered Lumen: 48.6 lm
 ■ Vertical Beam Spread : 81°
 ■ Horizontal Beam Spread : 55.1°