

L122

INTERIOR
Linear

● Dry location



Recessed mount



Surface-mount

Ordering Information

Clear Form

Date : _____

Project : _____

Type : _____

Quantity : _____

Note : _____

Specifications

Luminaire | Example Code: L122-10-4-W30H-W-P-2-MA

Product	Version	Fixture Length ¹	CCT & CRI	Beam Angle	Glass Cover	Dimming	Finish ²
L122	10 10W/ft	4 4'	W22S 2200K 80+	W Wide flood 120°	F frosted	1 120V, ELV Dimming	Aluminum Finishes: MA matte clear anodized BA black anodized Architectural Finishes: WO white oak TK teak WN walnut ML maple CO concrete
		6 6'	W27H 2700K 90+		P prismatic		
		8 8'	W30H 3000K 90+				
		X custom	W35H 3500K 90+				
			W41H 4100K 90+				

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

- Minimum: 1' (305mm) Maximum: 8' (2438mm), 6" (152.4mm) increments.
- Different finish options are only applicable to LED rail. 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.

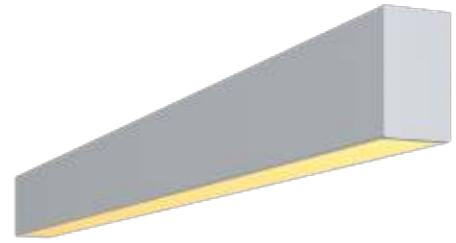
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Performance

Wattage	Forward Current	Power Consumption Budget per fixture (including driver)	LED output (Source)	Fixture Output (Delivered)
10W/ft	420mA	13.5W/ft	1100 lm/ft	312 lm/ft

Application

Environment	Dry Location approved. IP 52.
Mounting	Surface-mounted/Recessed: Mounts directly to surface or recessed mount with mounting screws (supplied by others).

Electrical

Power Supplies	Integral LED drivers (120V AC input, constant voltage output): Fixtures to be wired in parallel. Remote LED drivers (120-227V AC input, constant voltage output): Fixtures to be wired in parallel.
Control	On/off control Dimming: 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	Colour Consistency: 3-step MacAdam (Consult factory for 2-step MacAdam options.)
Weight	N/A
Material	Fixture: extruded marine-grade aluminum with polycarbonate lens
Supplied with	Standard installation housing: Comes with LED housing and 2 x wire connectors
Warranty & LED Life	5 years limited warranty Estimated useful life of LED is 50,000 hours.

Ordered Separately

System Components	Power supplies: remote driver Please consult factory or visit Recommended Drivers for available driver options.
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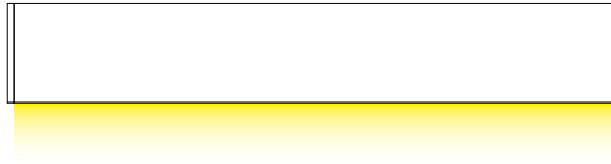
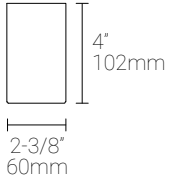
Mounting Options & Dimensions

LED Fixture Dimensions | Surface-mount

Fixture

Side View

3D View

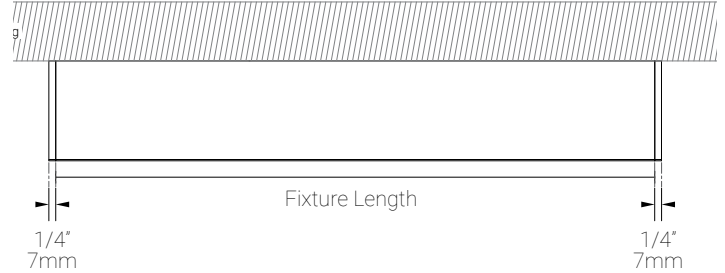
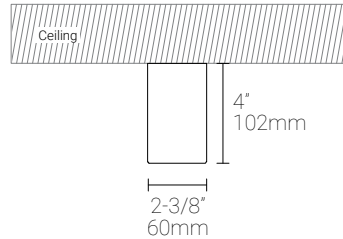
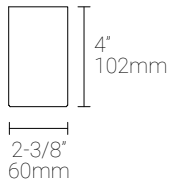


Surface-mount Installation

Fixture

Fixture installed

Fixture installed

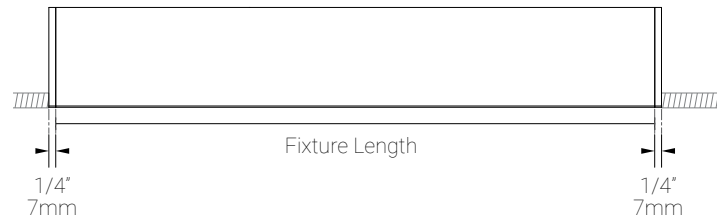
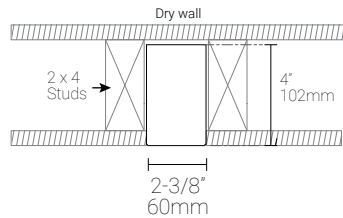
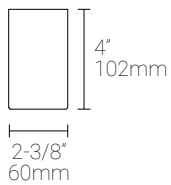


Recessed mount | Drywall Installation

Fixture

Fixture installed

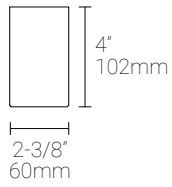
Fixture installed



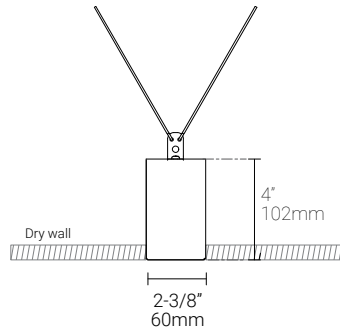
Mounting Options & Dimensions

Recessed mount | Drywall Installation with Cable Support

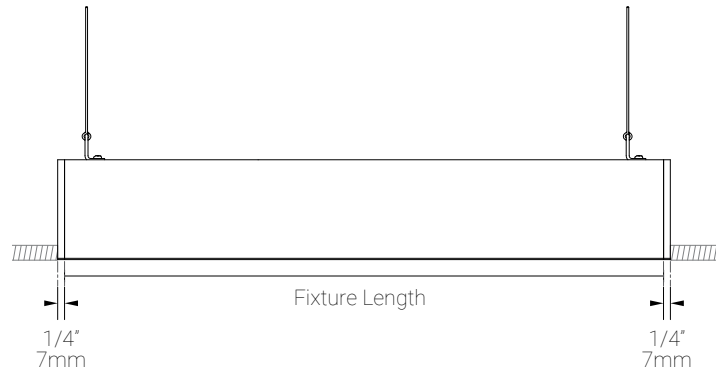
Fixture



Fixture installed

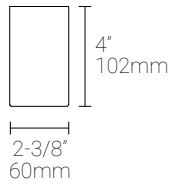


Fixture installed

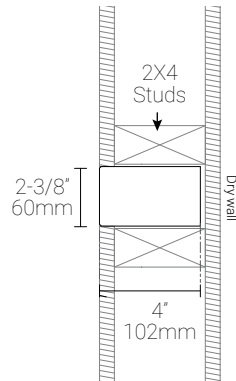


Recessed mount | Drywall Installation for Wall-mount Application

Fixture



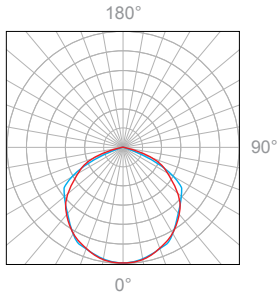
Fixture installed



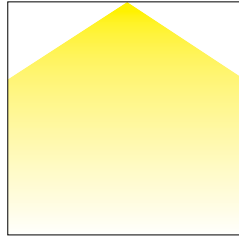
10W, 1' (305mm), 3000K, 90+ CRI

Frosted Lens

Polar Candela Distribution



Beam Width: 120°



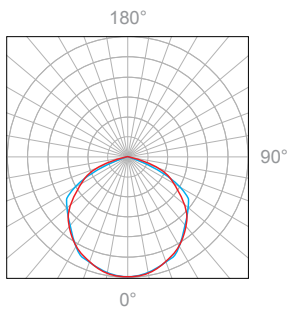
Illuminance at a Distance

Distance	Center Beam fc	Beam Width				
3.0ft	0.91m	39.96fc	10.6ft	3.23m	9.5ft	2.89m
6.0ft	1.83m	10.26fc	21.3ft	6.50m	19.1ft	5.82m
9.0ft	2.74m	4.75fc	31.9ft	9.72m	28.6ft	8.72m
12.0ft	3.66m	2.81fc	42.5ft	12.95m	38.2ft	11.64m
15.0ft	4.57m	1.84fc	53.2ft	16.21m	47.7ft	14.54m
18.0ft	5.49m	1.30fc	63.8ft	19.45m	57.3ft	17.47m

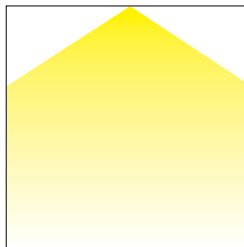
Delivered Lumen: 352lm
 ■ Vertical Beam Spread : 121.1°
 ■ Horizontal Beam Spread : 115.7°

Prismatic Lens

Polar Candela Distribution



Beam Width: 120°



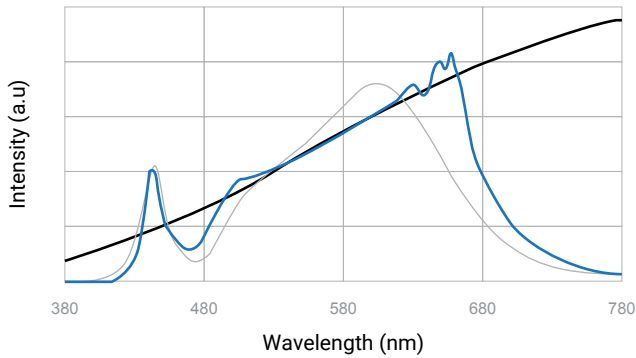
Illuminance at a Distance

Distance	Center Beam fc	Beam Width				
3.0ft	0.91m	59.41fc	10.3ft	3.14m	9.6ft	2.93m
6.0ft	1.83m	15.12fc	20.7ft	6.31m	19.2ft	5.85m
9.0ft	2.74m	6.91fc	31ft	9.45m	28.8ft	8.78m
12.0ft	3.66m	4.10fc	41.4ft	12.62m	38.4ft	11.70m
15.0ft	4.57m	2.70fc	51.7ft	15.76m	48ft	14.63m
18.0ft	5.49m	1.94fc	62ft	18.90m	57.6ft	17.56m

Delivered Lumen: 434.2lm
 ■ Vertical Beam Spread : 119.7°
 ■ Horizontal Beam Spread : 116°

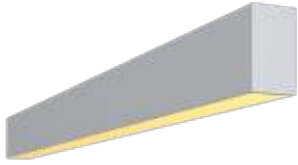
Full Spectrum

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



Appendix

Aluminum Finishes | shown with surface-mount version



MA matte clear anodized



BA black anodized

Architectural Finishes | shown with surface-mount version



WO white oak



TK teak



WN walnut



ML maple



CO concrete