

L125

INTERIOR

Linear | For cove, wall, and ceiling

● Dry location



Installed: Recessed



Fixture

Ordering Information

Clear Form

Date : _____

Quantity : _____

Project : _____

Note : _____

Type : _____

Specifications

Fixture comprises of 3 components that need to be specified separately: Rail, Insert, and Mounting (Suspension Mounting Hardware is Optional)

Luminaire | Example Code: RAL-125-8-MA-L225M-4-W30H-F-CS-2-MA-SDF080-C24-CPY060F-MC

COMPONENT 1 – RAIL

Rail	Fixture Length ^{1.1}	Finish (rail) ^{1.2}
RAL-125		
	4 4' (min.)	Aluminum Finishes: MA matte clear anodized BA black anodized
	X custom	
	8 8' (max.)	

COMPONENT 2 – SPOTLIGHT^{2.1}

Insert	Wattage	CCT & CRI	Beam Angle	Shrouds	Stem Length	Finishes ^{2.3}
L225S						
	1 1W	W22S 2200K 80+ W27H 2700K 90+ W30H 3000K 90+ W35H 3500K 90+ W41H 4100K 90+	S spot, 12°	CS cylinder shroud FS full shroud	2 2" (51mm)	Aluminum Finishes: MA matte clear anodized BA black anodized
	2 2W		N narrow flood, 30°			
					X custom ^{2.2}	

COMPONENT 3 – MOUNTING^{3.1}

Mounting	Cable Length or Stem Length	Power Canopy	Finish ^{3.2}
			MC
SDF080 cable	C24 24" (610mm)	CPY060F: flexible power canopy CPY061R: rod power canopy	MC matte chrome
SDF081 stem	CX custom ³		
	S12 12" (305mm)		
	SX custom ³		

Insert	Wattage	CCT & CRI	Beam Angle	Shrouds	Stem Length	Finishes ^{2.3}
L225M				CS		
	4 4W	W27H 2700K 90+ W30H 3000K 90+	S spot, 12°	CS cylinder shroud	2 2" (51mm)	Aluminum Finishes: MA matte clear anodized BA black anodized
	8 8W		N narrow flood, 30°			
			F flood, 48°	X custom ^{2.2}		

System Components (Ordered Separately)

Remote Driver : _____

Insert	Wattage	CCT & CRI	Beam Angle	Shrouds	Stem Length	Finishes ^{2.3}
L225L	13			CS		
	13 13W	W27H 2700K 90+ W30H 3000K 90+ W35H 3500K 90+ W27V 2700K 97+ W30V 3000K 97+	S spot, 12°	CS cylinder shroud	2 2" (51mm)	Aluminum Finishes: MA matte clear anodized BA black anodized
			N narrow flood, 30°			
					X custom ^{2.2}	

Important Notes

Specification

- 1.1 Minimum: 4' (1219mm). Maximum: 8' (2438mm). 6" (152mm) increments.
- 1.2 Refer to Appendix/MP Lighting website for complete look of luminaire with different finish options.
- 2.1 Please specify quantity of spotlights and spacing between spotlights. Minimum: 1' (305mm) apart and 6" (152mm) from ends of rail.

- 2.2 Maximum: 8' (2438mm), 1' (305mm) increments.
- 2.3 Refer to Appendix/MP Lighting website for complete look of luminaire with different finish options.
- 3.1 One support structure and one power canopy are required per every 8' (2428mm) of rail. Power canopies aren't required for surface or recessed mounted options.
- 3.2 Refer to Appendix/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.

L125

INTERIOR

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Fixture

Performance

Insert	Wattage	Forward Current	Power Consumption Budget per fixture (including driver)	LED output (Source)	Fixture Output (Delivered)
L225S	1W	350mA	1.2W	110 lm	65-75 lm
L225S	2W	700mA	2.9W	220 lm	129-149 lm
L225M	4W	350mA	4.7W	440 lm	208-261 lm
L225M	8W	700mA	8W	880 lm	371-433 lm
L225L	13W	350mA	13W	1430 lm	700-731 lm

Application

Environment	Dry Location approved. IP 50.
Mounting	Surface-mounted: Mounts directly to surface or recessed mount with mounting screws (supplied by others). Suspension-mounted: Suspended from ceiling with a stand off and a canopy (both ordered separately).

Electrical

Power Supplies	Recommended drivers (consult factory): TLDAV100W24V04iB or TLDAV100W24V05iB. Remote LED drivers (120-277V AC input, constant current output): Fixtures to be wired in series.
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	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 W27V = CCT: 2700K, CRI (Ra): 97+, Colour Consistency: 2SDCM W30V = CCT: 3000K, CRI (Ra): 97+, Colour Consistency: 2SDCM
Weight	N/A.
Material	Fixture: extruded marine-grade aluminum with polycarbonate lens.
Supplied with	Cable: 3' (914mm) factory-installed wire lead (for surface mount).
Warranty & LED Life	5 years limited warranty. Estimated useful life of LED is 50,000 hours.

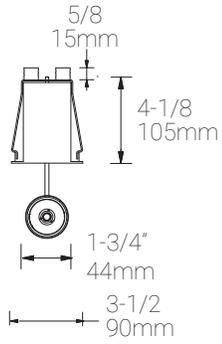
Ordered Separately

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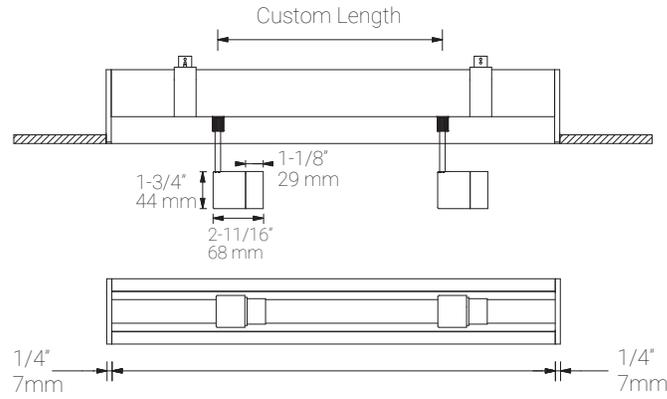
Mounting Options & Dimensions

LED Fixture Dimensions

Fixture



Side View & Bottom View

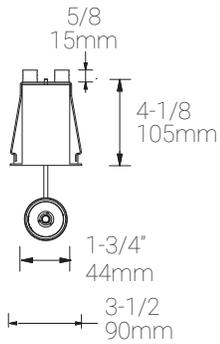


3D View

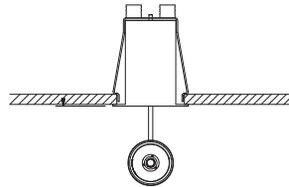


Recessed mount | Drywall Installation

Fixture



Fixture installed

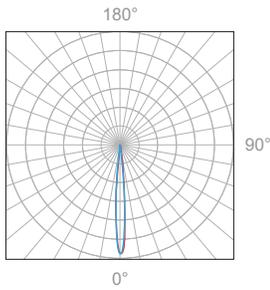


Fixture installed - 3D View



I225S 1W, 1' (305mm), 2700K, 90+ CRI

Polar Candela Distribution



Beam Width: 12°

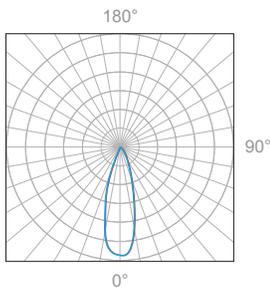


Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	22.68fc	10.6ft	3.23m	9.5ft	2.89m
6.0ft	1.83m	6.05fc	21.3ft	6.50m	19.1ft	5.82m
9.0ft	2.74m	2.70fc	31.9ft	9.72m	28.6ft	8.72m
12.0ft	3.66m	1.62fc	42.5ft	12.95m	38.2ft	11.64m
15.0ft	4.57m	1.08fc	53.2ft	16.21m	47.7ft	14.54m
18.0ft	5.49m	0.86fc	63.8ft	19.45m	57.3ft	17.47m

Delivered Lumen : 271.6lm
 ■ Vertical Beam Spread : 117°
 ■ Horizontal Beam Spread : 88.2°

Polar Candela Distribution



Beam Width: 30°



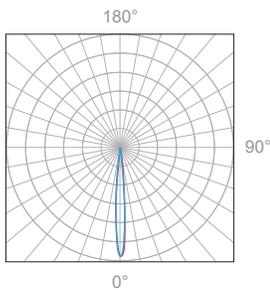
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I225S 2W, 1' (305mm), 2700K, 90+ CRI

Polar Candela Distribution



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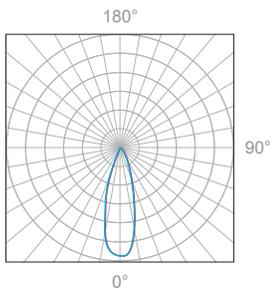


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Polar Candela Distribution



Beam Width: 30°



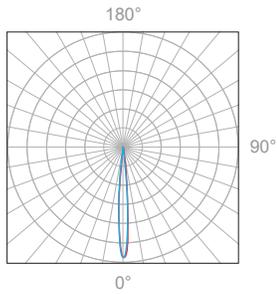
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I225M 4W, 1' (305mm), 2700K, 90+ CRI

Polar Candela Distribution



Beam Width: 12°

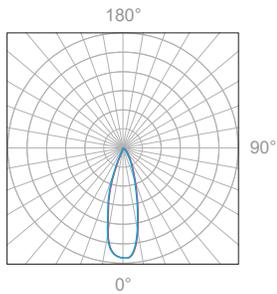


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Polar Candela Distribution



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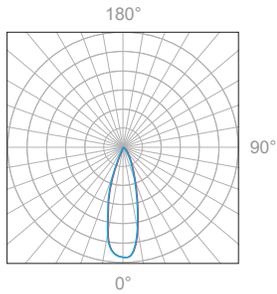


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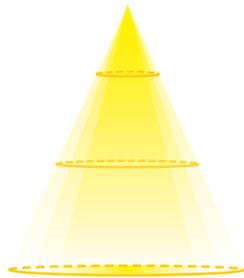
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Polar Candela Distribution



Beam Width: 48°



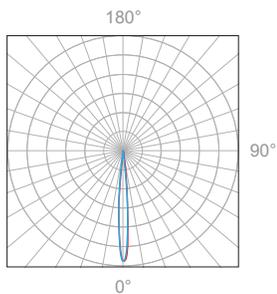
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I225M 8W, 1' (305mm), 2700K, 90+ CRI

Polar Candela Distribution



Beam Width: 12°



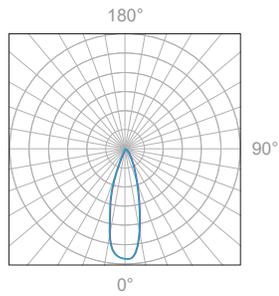
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I225M 4W, 1' (305mm), 2700K, 90+ CRI

Polar Candela Distribution



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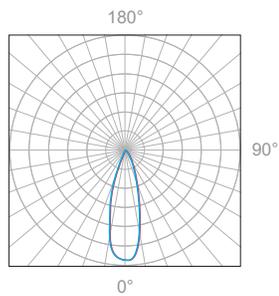


Illuminance at a Distance

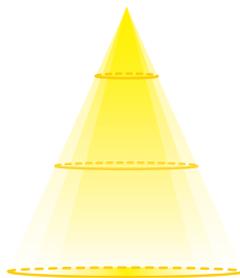
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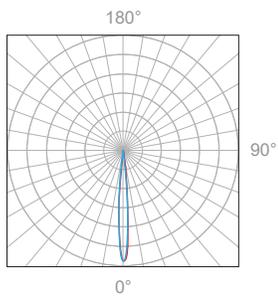
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I225L 13W, 1' (305mm), 2700K, 90+ CRI

Polar Candela Distribution



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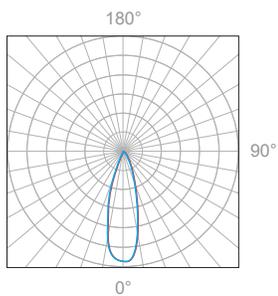


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Appendix

Aluminum Finishes | whole fixture



MA matte clear anodized



BA black anodized