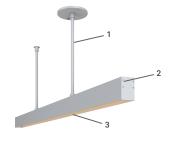
L800 series | L802-I167

INTERIOR

Linear | Linear beam series with different insert options

Dry location





1 mounting | 2 linear profile | 3 insert (downlight)

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			Clear Form
	Quantit	y:	
	Note:		
ended Surface	е		
INTING (SUSPENDED)	COMPONE	ENT 2 – RAIL	
r Finish (mounting) 1.2	Rail	Fixture Length 2.1	Finish (rail) ^{2.3}
	RAL-802		
nm) Aluminum Finishes: MA matte clear anodized mm) BA black anodized)	custom 2.2	Aluminum Finishes: MA matte clear anodized BA black anodized
RT			
Beam Angle	Important	Notes	
(80+)CRI: S spot, 12° 00K 80+ N narrow flood, 30° 1) CRI: 00K 90+ 00K 90+ 00K 90+	1.2 Refer to App2.1 Fixture lengt2.2 Maximum: 82.3 Refer to App	endix/MP Lighting web th is the length of the f of (2438mm), 1' (305mi endix/MP Lighting web	site for complete look of luminaire with different finish options. ixture without the end caps (3mm each cap).
red Separately)	* Consult N	IP Lighting Webs	site or Factory.
	Suspended): U-C12-BA // RAL-802-8-Eended Surface Surface	INTING (SUSPENDED) r Finish (mounting) 12 RAL-802 RAL-	Suspended): U-C12-BA // RAL-802-8-BA // I167-12-W35H-N-S Example Code (Standed Surface Surface Surface COMPONENT 2 - RAIL Rail Fixture Length 21 RAL-802 RAL-802 Thin MA matte clear anodized BA black anodized BA narrow flood, 30° (80+)CRI: S spot, 12° N narrow flood, 30° OCRI: 00K 90+ 00K 9

Warranty Notes & Disclaimer

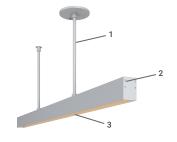
Malfunction and damage to product due to incompatible dimming system or misuse will not be covered under warranty. Consult MP Lighting for recommended drivers. If the fixture has an option to be installed with a dimming control system, consult a dimming system manufacturer with minimum load before installing. 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.

L800 series | L802-I167

INTERIOR

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1 mounting | 2 linear profile | 3 insert (downlight)

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Insert	Wattage	Forward Current	Power Consumption Budget per fixture (including driver)	LED output (Source)	Fixture Output (Delivered)
I167	12W/ft	500mA	14W/ft	1320 lm/ft	616-631 lm/ft

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 Remote LED drivers (120-277V AC input, constant voltage output): Fixtures to be wired in parallel.

Recommended drivers (consult factory): TLDAV100W24V04iB or TLDAV100W24V05iB.

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

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 <u>Recommended Drivers</u> for available driver options.

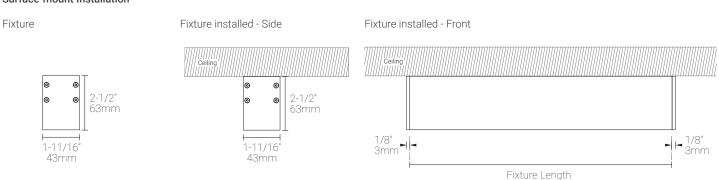
Mounting Options & Dimensions

LED Fixture Dimensions | Surface-mount

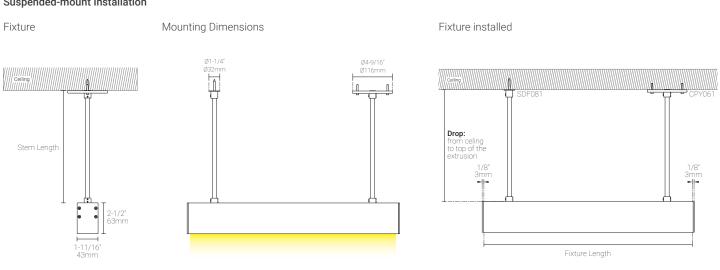
3D View Fixture Side View Side View 2-1/2" 63mm 0 1-11/16 End Caps End Caps 43mm 1/8" 1/8" **Bottom View**

Fixture Length

Surface-mount Installation

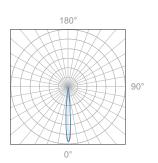


Suspended-mount Installation



I167 12W/ft, 4' (1219mm), 2700K, 90+ CRI

Polar Candela Distribution



Beam Width: 12°



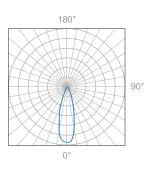
Illuminance at a Distance

Dist	ance	Center Beam fc	Beam Width			
1.5ft	0.46m	4478fc	1.5ft	0.45m	0.5ft	0.15m
3.0ft	0.91m	1119fc	2.9ft	0.88m	1.0ft	0.30m
4.5ft	1.37m	498fc	4.4ft	1.34m	1.5ft	0.45m
6.0ft	1.83m	280fc	5.8ft	1.76m	2.0ft	0.61m
7.5ft	2.29m	179fc	7.3ft	2.22m	2.5ft	0.76m
9.0ft	2.74m	124fc	8.7ft	2.65m	3.0ft	0.91m

Delivered Lumen: 824.4 lm (1ft), 2704.0 lm (1m), 3297.6 lm (4ft)

■ Vertical Beam Spread : 51.7°
■ Horizontal Beam Spread : 18.7°

Polar Candela Distribution







Illuminance at a Distance

Dista	ance	Center Beam fc	Beam Width			
1.5ft	0.46m	2731fc	1.6ft	0.48m	0.8ft	0.24m
3.0ft	0.91m	683fc	3.2ft	0.97m	1.5ft	0.45m
4.5ft	1.37m	303fc	4.8ft	1.46m	2.3ft	0.70m
6.0ft	1.83m	171fc	6.3ft	1.92m	3.1ft	0.94m
7.5ft	2.29m	109fc	7.9ft	2.40m	3.8ft	1.15m
9.0ft	2.74m	75.9fc	9.5ft	2.89m	4.6ft	1.40m

Delivered Lumen: 777.4 lm (1ft), 2704.0 lm (1m), 3109.6 lm (4ft)

■ Vertical Beam Spread : 55.7° ■ Horizontal Beam Spread : 28.7°

Appendix

Aluminum Finishes, Mounts, and Accessories | I167



MA matte clear anodized surface mounted



BA black anodized surface mounted



MA matte clear anodized suspension mounted



suspension mounted