

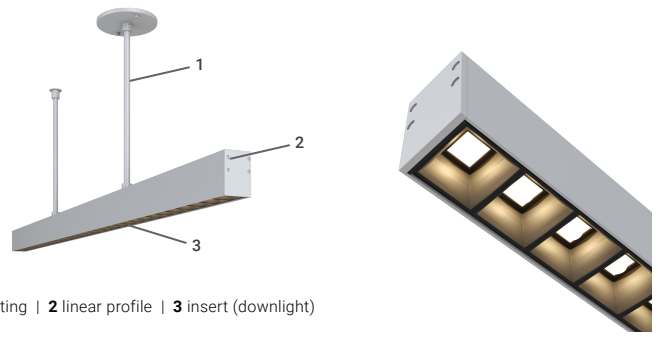


# L800 series | L802-I168

## INTERIOR

Linear | Linear beam series with different insert options

- Dry location



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

RoHS Compliant

### Performance

Insert	Wattage	Forward Current	Power Consumption Budget per fixture (including driver)	LED output (Source)	Fixture Output (Delivered)
I168	8W/ft	700mA	9W/ft	880 lm/ft	75-79 lm/ft

### Application

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

### Electrical

Power Supplies	<b>Remote LED drivers</b> (120-277V AC input, constant voltage output): Fixtures to be wired in parallel. <b>Recommended drivers (consult factory):</b> TLDAV100W24V04iB or TLDAV100W24V05iB.
Control	<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

LED Light Source	<b>W22S</b> = CCT: 2200K, CRI (Ra): 80+, Colour Consistency: 3SDCM <b>W27H</b> = CCT: 2700K, CRI (Ra): 90+, Colour Consistency: 2SDCM <b>W30H</b> = CCT: 3000K, CRI (Ra): 90+, Colour Consistency: 2SDCM <b>W35H</b> = CCT: 3500K, CRI (Ra): 90+, Colour Consistency: 2SDCM <b>W41H</b> = CCT: 4100K, CRI (Ra): 90+, Colour Consistency: 3SDCM
Weight	N/A.
Material	<b>Fixture:</b> extruded marine-grade aluminum with acrylic lens.
Supplied with	<b>Cable:</b> 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	<b>Power supplies:</b> remote driver Please consult factory or visit <a href="#">Recommended Drivers</a> for available driver options.
-------------------	---

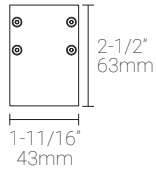
Mounting Options & Dimensions

LED Fixture Dimensions | Surface-mount

Fixture

Side View

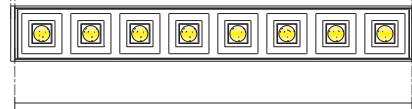
3D View



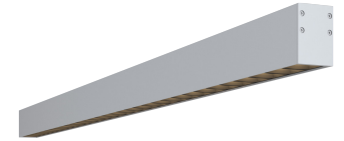
Side View



Bottom View



Fixture Length

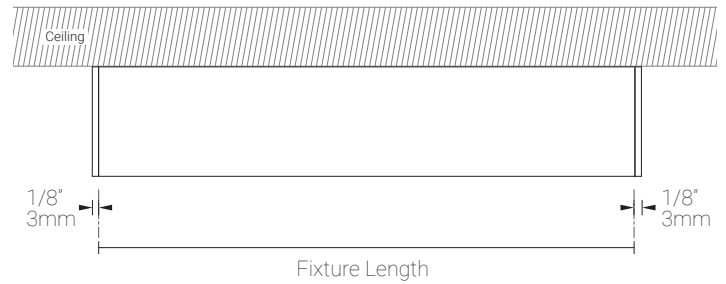
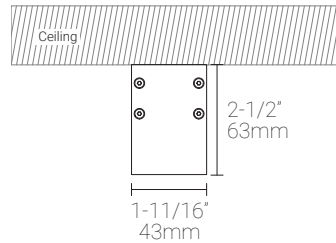
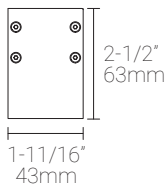


Surface-mount Installation

Fixture

Fixture installed - Side

Fixture installed - Front

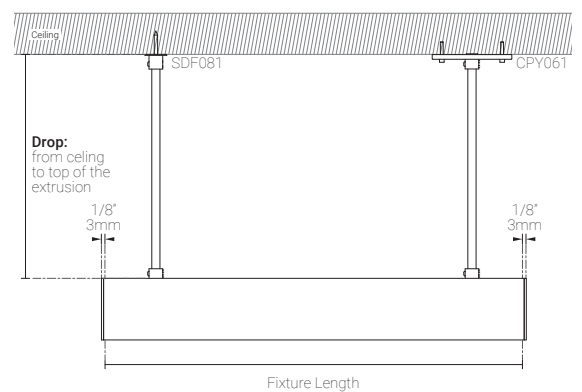
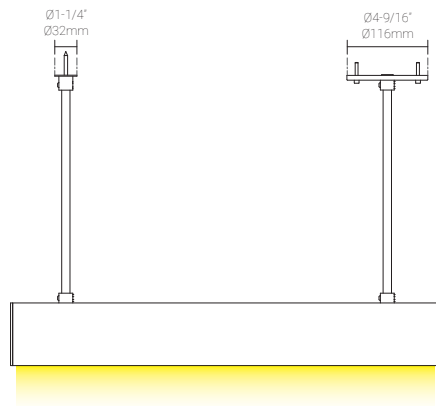
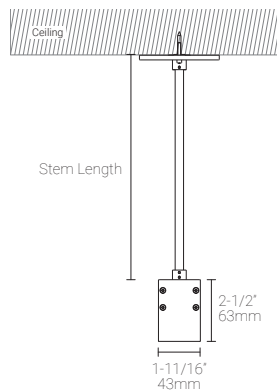


Suspended-mount Installation

Fixture

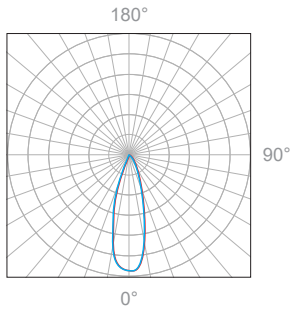
Mounting Dimensions

Fixture installed

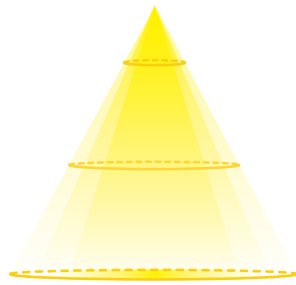


I168 8W/ft, 4' (1219mm), 2700K, 90+ CRI

Polar Candela Distribution



Beam Width: 50°



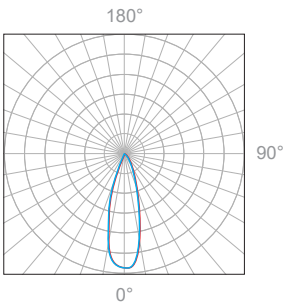
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
1.5ft	0.46m	743fc	2.3ft	0.70m	1.8ft	0.54m
3.0ft	0.91m	186fc	4.7ft	1.43m	3.6ft	1.09m
4.5ft	1.37m	82.6fc	7.0ft	2.13m	5.3ft	1.61m
6.0ft	1.83m	46.4fc	9.4ft	2.86m	7.1ft	2.16m
7.5ft	2.29m	29.7fc	11.7ft	3.56m	8.9ft	2.71m
9.0ft	2.74m	20.6fc	14.0ft	4.26m	10.7ft	3.26m

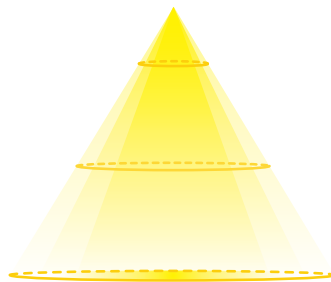
Delivered Lumen: 481.6 lm (1ft), 1579.6 lm (1m), 1926.4 lm (4ft)

- Vertical Beam Spread : 79.9°
- Horizontal Beam Spread : 61.4°

Polar Candela Distribution



Beam Width: 80°



Illuminance at a Distance

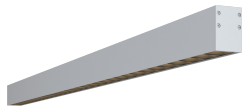
Distance		Center Beam fc	Beam Width			
1.5ft	0.46m	447fc	3.2ft	0.97m	2.4ft	0.73m
3.0ft	0.91m	112fc	6.4ft	1.95m	4.8ft	1.46m
4.5ft	1.37m	49.7fc	9.6ft	2.92m	7.3ft	2.22m
6.0ft	1.83m	28.0fc	12.8ft	3.90m	9.7ft	2.95m
7.5ft	2.29m	17.9fc	16.0ft	4.87m	12.1ft	3.68m
9.0ft	2.74m	12.4fc	19.2ft	5.85m	14.5ft	4.42m

Delivered Lumen: 426.7 lm (1ft), 1399.6 lm (1m), 1706.8 lm (4ft)

- Vertical Beam Spread : 93.6°
- Horizontal Beam Spread : 77.7°

Appendix

Aluminum Finishes, Mounts, and Accessories | I168



MA matte clear anodized surface mounted



BA black anodized surface mounted



MA matte clear anodized suspension mounted



BA black anodized suspension mounted