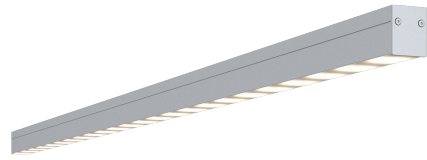


# L106

## INTERIOR

Linear | For coves, wall slots, shelves & cabinets

● Dry location



### Ordering Information

Clear Form

Date : \_\_\_\_\_

Quantity : \_\_\_\_\_

Project : \_\_\_\_\_

Note : \_\_\_\_\_

Type : \_\_\_\_\_

### Specifications

Luminaire | Example Code: L106-S-4-S2-W30H-2-F-DC-MA

Product	Mount	Length <sup>1</sup>	Spacing <sup>2</sup>	CCT & CRI	Beam Angle	Lens	Input Voltage	Finish <sup>3</sup>
L106	S					F	DC	
	S surface mount	X custom	S2 2" (51mm) S3 3" (76mm)	W22S 2200K 80+ W27H 2700K 90+ W30H 3000K 90+ W35H 3500K 90+ W41H 4100K 90+	S spot 12° N narrow flood 30°	F flat frosted	DC DC	<b>Aluminum Finishes:</b> MA matte clear anodized BA black anodized BZ bronze

### 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

1. **Minimum:** 1' (305mm) **Maximum:** 8' (2438mm), 6" (305mm) increments.
2. Spacing indicates spacing between LEDs.
3. 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

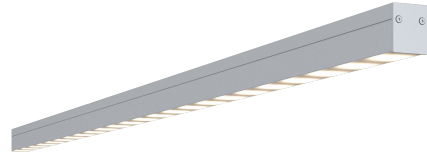
Malfunction and damage to product due to incompatible dimming system or misuse will not be covered under warranty. Consult MP Lighting for recommended drivers. If the fixture has an option to be installed with a dimming control system, consult a dimming system manufacturer with minimum load before installing.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

# L106

## INTERIOR

Linear | For coves, wall slots, shelves & cabinets

- Dry location



### Performance

Spacing	Wattage	Forward Current	Power Consumption Budget per fixture (including driver)	LED output (Source)	Fixture Output (Delivered)
S2	8W/ft	250mA at 6W	9W/ft	880 lm/ft	1222-1227 lm/ft
S3	6W/ft	160mA at 4W	7W/ft	660 lm/ft	814-816 lm/ft

### Application

Environment	Dry Location approved. IP 52.
Mounting	<b>Surface-mounted/Recessed:</b> Mounts directly to surface or recessed mount. Includes aluminium mounting channel with wiring compartment. Comes with 3' (914mm) wire lead

### Electrical

LED Light Source	<b>Colour Consistency:</b> 3-step MacAdam
Power Supplies	Remote LED drivers (120-277V AC input, <b>constant voltage output</b> ): Fixtures to be wired in parallel. <b>Recommended (consult factory):</b> TLDAV100W24V04iB or TLDAV100W24V05iB
Control	<b>On/off control:</b> <b>Dimming:</b> ELV or 0-10V dimming with appropriate drivers <b>SC Power model:</b> output 25-96W 24VDC, forward phase dimmers, dim to 1% with Lutron Skylark incandescent dimmer, 4-6% with Lutron MLV dimmers (recommend to load up to 60W due to low PF and efficiency). <b>Other options (consult factory):</b> TRIAC/MLV, DMX, DALI, Casambi, Power over Ethernet

### Luminaire Construction

Weight	0.56 lbs per ft (0.25 kg per ft). Typical Aluminum Fixture.
Material	<b>Fixture:</b> extruded marine-grade aluminum with polycarbonate lens
Supplied with	<b>Standard installation housing:</b> Comes with friction fit spring clips <b>Cable:</b> 3' (914mm) factory-installed wire lead
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.
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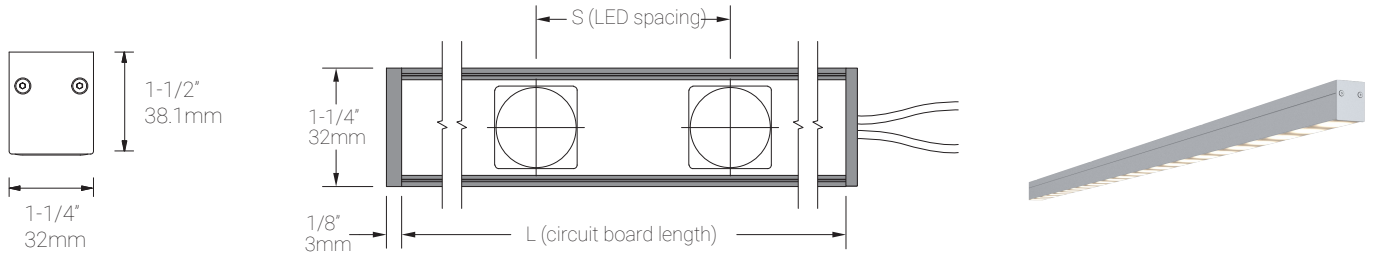
Mounting Options & Dimensions

LED Fixture Dimensions

Fixture

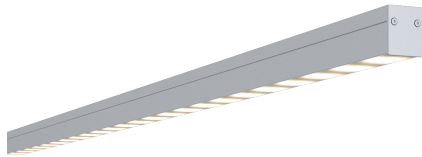
Side View

3D View



Appendix

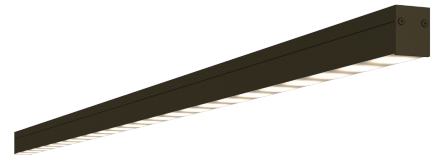
Aluminum Finishes



MA matte clear anodized



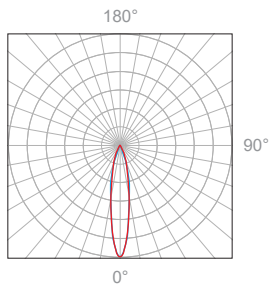
BA black anodized



BZ bronze anodized

S2, 4' (1219mm), 3000K, 90+ CRI

Polar Candela Distribution



Beam Width: 12°

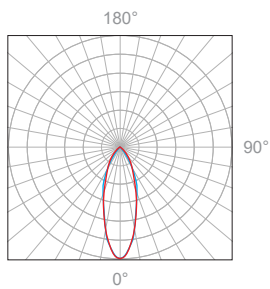


Illuminance at a Distance

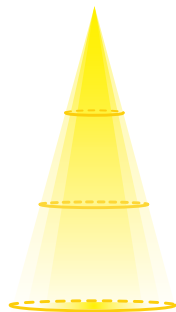
Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	338fc	1.3ft	0.39m	1.3ft	0.39m
6.0ft	1.83m	84.5fc	2.6ft	0.79m	2.6ft	0.79m
9.0ft	2.74m	37.5fc	3.9ft	1.18m	3.9ft	1.18m
12.0ft	3.66m	21.1fc	5.1ft	1.55m	5.1ft	1.55m
15.0ft	4.57m	13.5fc	6.4ft	1.95m	6.4ft	1.95m
18.0ft	5.49m	9.38fc	7.7ft	2.34m	7.7ft	2.34m

Delivered Lumen: 1225.7 lm  
 ■ Vertical Beam Spread : 24.2°  
 ■ Horizontal Beam Spread : 24.2°

Polar Candela Distribution



Beam Width: 30°



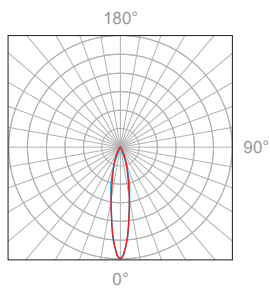
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	197fc	1.9ft	0.58m	1.9ft	0.58m
6.0ft	1.83m	49.1fc	3.9ft	1.18m	3.9ft	1.18m
9.0ft	2.74m	21.8fc	5.8ft	1.76m	5.8ft	1.76m
12.0ft	3.66m	12.3fc	7.7ft	2.34m	7.8ft	2.37m
15.0ft	4.57m	7.86fc	9.6ft	2.92m	9.7ft	2.95m
18.0ft	5.49m	5.46fc	11.6ft	3.53m	11.6ft	3.53m

Delivered Lumen: 1222.4 lm  
 ■ Vertical Beam Spread : 35.6°  
 ■ Horizontal Beam Spread : 35.8°

S3, 4' (1219mm), 3000K, 90+ CRI

Polar Candela Distribution



Beam Width: 12°

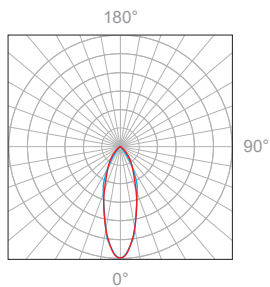


Illuminance at a Distance

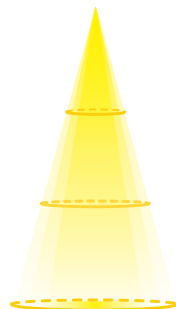
Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	225fc	1.3ft	0.39m	1.3ft	0.39m
6.0ft	1.83m	56.3fc	2.6ft	0.79m	2.6ft	0.79m
9.0ft	2.74m	25.0fc	3.9ft	1.18m	3.9ft	1.18m
12.0ft	3.66m	14.1fc	5.1ft	1.55m	5.1ft	1.55m
15.0ft	4.57m	9.01fc	6.4ft	1.95m	6.4ft	1.95m
18.0ft	5.49m	6.26fc	7.7ft	2.34m	7.7ft	2.34m

Delivered Lumen: 816.6 lm  
 ■ Vertical Beam Spread : 24.2°  
 ■ Horizontal Beam Spread : 24.2°

Polar Candela Distribution



Beam Width: 30°



Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	131fc	1.9ft	0.58m	1.9ft	0.58m
6.0ft	1.83m	32.7fc	3.9ft	1.18m	3.9ft	1.18m
9.0ft	2.74m	14.6fc	5.8ft	1.76m	5.8ft	1.76m
12.0ft	3.66m	8.19fc	7.7ft	2.34m	7.8ft	2.37m
15.0ft	4.57m	5.24fc	9.6ft	2.92m	9.7ft	2.95m
18.0ft	5.49m	3.64fc	11.6ft	3.53m	11.6ft	3.53m

Delivered Lumen: 814.3 lm  
 ■ Vertical Beam Spread : 35.7°  
 ■ Horizontal Beam Spread : 35.9°