



L101N

Application Interior linear cove, wall slot, shelf and cabinet illumination.

IP Rating 50

Mounting Surface mount. Includes aluminum mounting channel with wiring compartment. Comes with 3' (914mm) wire lead.

Electrical 1W, 350mA LEDs (4W/Ft or 6W/Ft).
 DC - Powered by remote constant voltage driver. Recommended TLDAV100W24. Dimmable with dimming controller (TLC010i), 0-10V. Consult factory.
 AC - Recommended TLW120MT050-01 magnetic transformer (only available in 2" spacing). Consult factory for other options.

Dimmable options:

Lutron model: output 25-96W 24VDC, compatible with Lutron Ecosystem/3-wire dimmer, dim to 0.1% with Lutron NTF-10 dimmer (recommend to load up to 80W)

SC Power model: output 5-96W 24VDC, compatible with 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.)

*See website for recommended drivers

*Remote emergency driver / inverter options available. Consult factory.

Power S2 = 8W/foot (at 350 mA, 6.0 Watt)

Consumption S3 = 6W/foot (at 230 mA, 4.0 Watt)

Light Output 6.0 Watt, 1168~1556 lm

4.0 Watt, 788~1048 lm

*For photometric data, see page 02

Warranty 5 years limited warranty

Estimated useful life of LED is 50,000 hours.

Material Aluminum and polycarbonate. RoHS compliant.

Weight 0.56lbs (0.25kg)/foot

Approval



Type:

Project:

Modified:

Quantity:

Notes: PLEASE READ - When using a control system, consult dimming system manufacturer with minimum load before installing 12V AC transformer. Malfunction and damage to product due to improper dimming system installation or misuse will not be covered under warranty. Only DC Drivers are recommended for dimming systems. Consult MP Lighting for recommended drivers.

Order Guide

Example: L101-N-X-S2-W22S-W-T-D-MA

Code	Code	Length	Spacing**	Color	Beam	Lens	Input Voltage	Finish
L101	N	-			W			
	N = no angle	X = custom* * custom length 1' long (305mm) min 4' (1219mm) max for AC 8' (2438mm) max for DC	S2 = 2" (52mm) S3 = 3" (76mm) **between LEDs	W22S = 2200K, 80+CRI W27S = 2700K, 80+CRI W30S = 3000K, 80+CRI W35S = 3500K, 80+CRI W41S = 4100K, 80+CRI W27H = 2700K, 90+CRI W30H = 3000K, 90+CRI W35H = 3500K, 90+CRI	W = wide flood (120°)	T = flat clear F = flat frosted C = convex clear	D = DC *increments of 6" (152mm) A = 12V AC *increments of 1ft (305mm)	MA = matte clear anodized BA = black anodized BZ = bronze

*12V AC not available for W27H/W30H & W35H

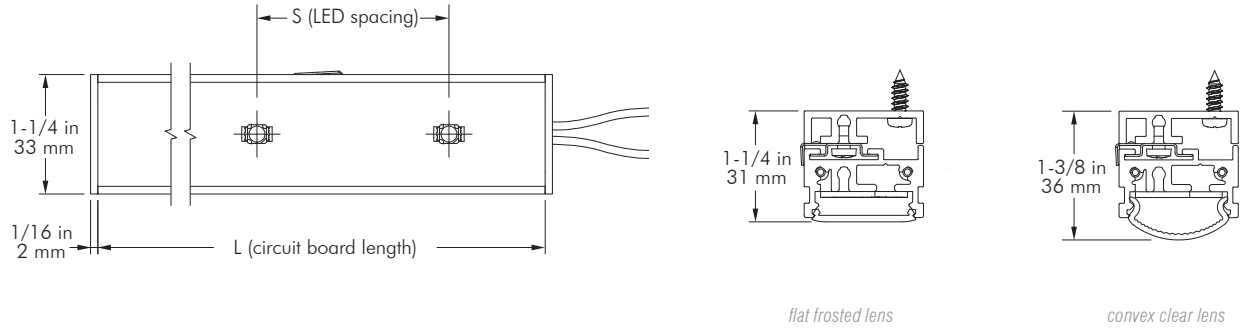
NOTE:

S2 = 12'(3658mm) max. per 100W24V driver

S3 = 18'(5486mm) max. per 100W24V driver

W20 has consistent binning that falls within 1.5 MacAdam ellipse.

DIMENSION:



PHOTOMETRIC DATA:

4' Length, S2 spacing, 120°, 3000K

4' Length, S3 spacing, 120°, 3000K

Polar Candela Distribution

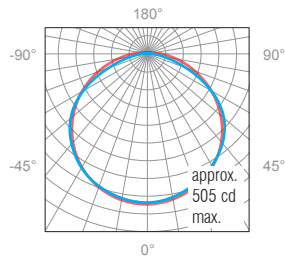
Illuminance at a Distance

Polar Candela Distribution

Illuminance at a Distance

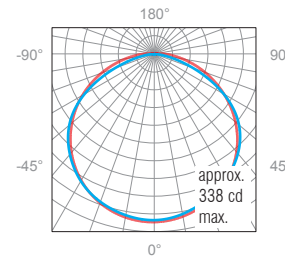
Lumen: 1556lm, Flat Clear Lens

Lumen: 1048lm, Flat Clear Lens



	Center Beam FC	Beam Width
3.0'	55.7	9.8' 10.1'
6.0'	13.9	19.6' 20.2'
9.0'	6.2	29.5' 30.4'
12.0'	3.5	39.3' 40.5'
15.0'	2.2	49.1' 50.6'
18.0'	1.5	58.9' 60.7'

0° Spread: 117.2° 90° Spread: 118.7°

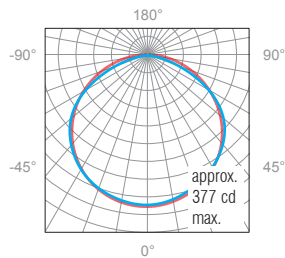


	Center Beam FC	Beam Width
3.0'	37.3	10.1' 10.1'
6.0'	9.3	20.2' 20.3'
9.0'	4.1	30.3' 30.4'
12.0'	2.3	40.4' 40.5'
15.0'	1.5	50.5' 50.6'
18.0'	1.0	60.6' 60.8'

0° Spread: 118.6° 90° Spread: 118.7°

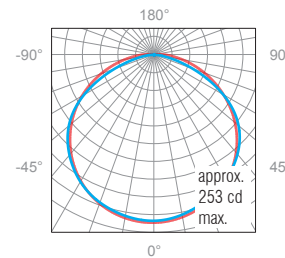
Lumen: 1168lm, Flat Frosted Lens

Lumen: 788lm, Flat Frosted Lens



	Center Beam FC	Beam Width
3.0'	41.6	10.1'
6.0'	10.4	20.2'
9.0'	4.6	30.2'
12.0'	2.6	40.3'
15.0'	1.7	50.4'
18.0'	1.2	60.5'

0° Spread: 118.5°

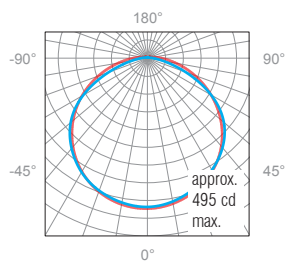


	Center Beam FC	Beam Width
3.0'	27.9	10.4' 10.1'
6.0'	7.0	20.9' 20.2'
9.0'	3.1	31.3' 30.2'
12.0'	1.7	41.8' 40.3'
15.0'	1.1	52.2' 50.4'
18.0'	0.8	62.6' 60.5'

0° Spread: 120.2° 90° Spread: 118.5°

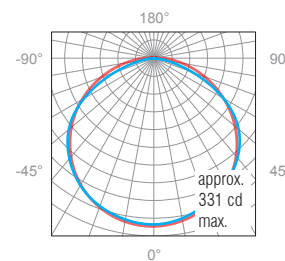
Lumen: 1168lm, Convex Clear Lens

Lumen: 1027lm, Convex Clear Lens



	Center Beam FC	Beam Width
3.0'	54.5	9.8' 10.1'
6.0'	13.6	19.7' 20.2'
9.0'	6.1	29.5' 30.3'
12.0'	3.4	39.3' 40.5'
15.0'	2.2	49.2' 50.6'
18.0'	1.5	59.0' 60.7'

0° Spread: 117.2° 90° Spread: 118.6°



	Center Beam FC	Beam Width
3.0'	36.6	10.1' 10.1'
6.0'	9.1	20.3' 20.2'
9.0'	4.1	30.4' 30.4'
12.0'	2.3	40.5' 40.5'
15.0'	1.5	50.6' 50.6'
18.0'	1.0	60.8' 60.7'

0° Spread: 118.7° 90° Spread: 118.7°