



# L101A

**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 LutronEcosystem/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**

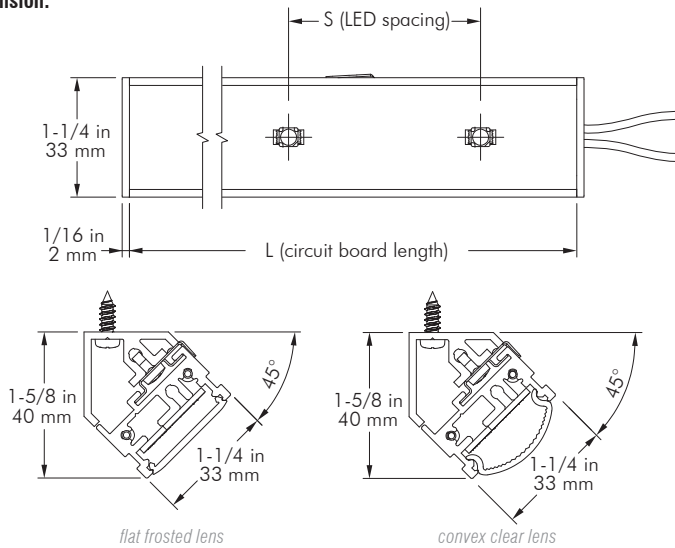
Example: L101-A-X-S2-W22S-W-T-D-MA

Code	Code	Length	Spacing**	Color	Beam	Lens	Input Voltage	Finish
<b>L101</b>	<b>A</b>	-			<b>W</b>		-	
	<b>A</b> = 45° angle	<b>X</b> = custom*	<b>S2</b> = 2" (52mm) <b>S3</b> = 3" (76mm) **between LEDs	<b>W22S</b> = 2200K, 80+CRI <b>W27S</b> = 2700K, 80+CRI <b>W30S</b> = 3000K, 80+CRI <b>W35S</b> = 3500K, 80+CRI <b>W41S</b> = 4100K, 80+CRI <b>W27H</b> = 2700K, 90+CRI <b>W30H</b> = 3000K, 90+CRI <b>W35H</b> = 3500K, 90+CRI	<b>W</b> = wide flood (120°)	<b>T</b> = flat clear <b>F</b> = flat frosted <b>C</b> = convex clear	<b>D</b> = DC *increments of 6" (152mm) <b>A</b> = 12V AC *increments of 1ft (305mm)	<b>MA</b> = matte clear anodized <b>BA</b> = black anodized <b>BZ</b> = bronze anodized

*\*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**

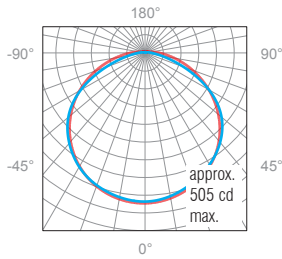
**Illuminance at a Distance**

**Polar Candela Distribution**

**Illuminance at a Distance**

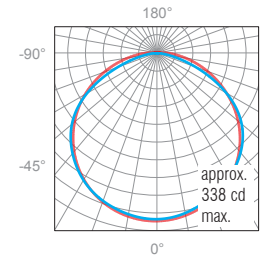
**Lumen:** 1556lm, Flat Clear Lens

**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°

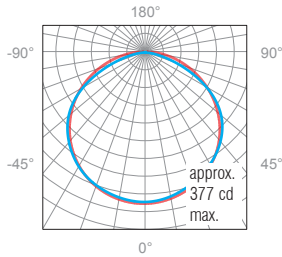


	Center Beam FC	Beam Width
3.0'	37.3	10.1' 10.1'
6.0'	9.3	20.2' 20.3'
9.0'	4.1	30.3' 30.4'
12.0'	2.3	40.4' 40.5'
15.0'	1.5	50.5' 50.6'
18.0'	1.0	60.6' 60.8'

0° Spread: 118.6° 90° Spread: 118.7°

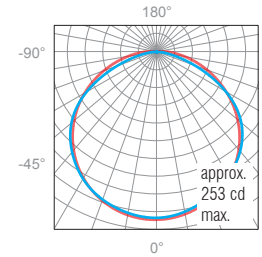
**Lumen:** 1168lm, Flat Frosted Lens

**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°

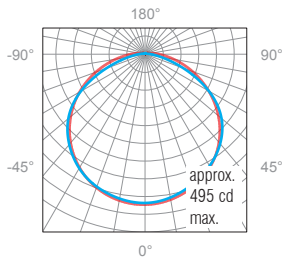


	Center Beam FC	Beam Width
3.0'	27.9	10.4' 10.1'
6.0'	7.0	20.9' 20.2'
9.0'	3.1	31.3' 30.2'
12.0'	1.7	41.8' 40.3'
15.0'	1.1	52.2' 50.4'
18.0'	0.8	62.6' 60.5'

0° Spread: 120.2° 90° Spread: 118.5°

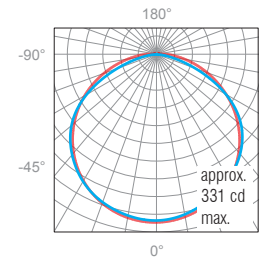
**Lumen:** 1168lm, Convex Clear Lens

**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° 0° 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°