

L2STL

LED STRIP WITH LENS

A narrow LED lensed strip creates a smooth diffused light that is ideal for commercial, industrial, retail or residential applications. Can be used in covers and display applications. Also ideal for task and general area lighting.

FEATURES AND SPECIFICATIONS

Housing & finishing

- Sleek and compact design ideal for installation in tight spaces
- 22 gauge white powder painted steel
- Contoured frosted acrylic diffuser
- Enclosed lens prevents penetration of dust, insects and other debris into the LED compartment

• Compliances

- DLC
- cULus damp location
- CSA

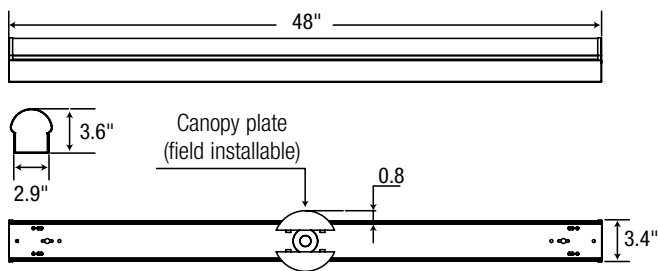
Mounting

Surface (standard), suspended or row mounting possible (see accessories).

Technical specifications

- Easy to clean and service
- Long life LEDs that provide 80+ CRI are available in 3000K, 3500K, 4000K and 5000K colour temperature
- Estimated lifespan of over 50 000 hours to L70
- 0-10V dimming is standard
- Canopy plate for octagonal junction box is included (field installable)
- Ambient temperature: -30°C to +50°C
- Suitable for damp locations

DIMENSIONS



Project: _____
 Type: _____
 Catalogue #: _____
 Drawn by: _____
 Date: _____



Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/search.

OVERVIEW

Lamp	LED
Wattage	22W - 67W
Lumens	2464 lm - 7650 lm
Lm/W	112 lm/W - 114.1 lm/W
Colour temperature	3000K, 3500K, 4000K and 5000K
Weight	

QUICK SHIP ORDERING GUIDE 

Part number	Wattage	Voltage	Colour temperature	Stocking SKU
L2STL-48LS2-W/35K	2464 lumens 22W	120-277V	35K - 3500K	•
L2STL-48LS2-W/40K	2530 lumens 22W	120-277V	40K - 4000K	•
L2STL-48LS3-W/35K	3680 lumens 32W	120-277V	35K - 3500K	•
L2STL-48LS3-W/40K	3750 lumens 32W	120-277V	40K - 4000K	•
L2STL-96LS2-W/35K	4550 lumens 40W	120-277V	35K - 3500K	•
L2STL-96LS2-W/40K	4600 lumens 40W	120-277V	40K - 4000K	•
L2STL-96LS3-W/35K	7600 lumens 67W	120-277V	35K - 3500K	•
L2STL-96LS3-W/40K	7650 lumens 67W	120-277V	40K - 4000K	•

CONFIGURABLE ORDERING GUIDE

L2STL — **L** — / /

Series	Size	Lamp type	Lumen package delivered*	Voltage	Colour temperature	Options
L2STL	48 - 48"	L - LED	S2A - 2530 lumens (22W) S3A - 3710 lumens (35W)	A - 120V H - 347V	30K - 3000K 35K - 3500K	DIM2 - Line voltage dimming, driver 120V DALI1 - Digital addressable lighting interface driver** OSI - Occupancy sensor*** IOSI - Integrated OSI
	96 - 96"		S2A - 5100 lumens (44W) S3A - 7400 lumens (73W)	W - 120-277V	40K - 4000K 50K - 5000K	

* See IES files for details.
 ** Not available for 48" S2A.
 *** To see available options, please consult the OSI selection guide on our website.

ACCESSORIES (order separately)

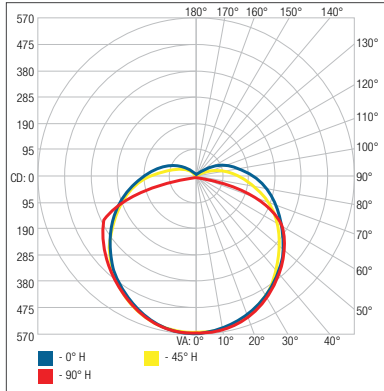
HAR766	V Hook (order 2 pieces per fixture)
BKT604	Continuous row mounting aligner for suspended installation
WGD055-48-SL	White wireguard 48"
LEN337	Polycarbonate lens 48"

Comments

PHOTOMETRIC DATA

L2STL-48LS2-W-40K • 2556 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	Lamp %	% Fixture
0-30	446.8	17.5%	17.5%
0-40	746.6	29.2%	29.2%
0-60	1424.3	55.7%	55.7%
60-90	759.7	29.7%	29.7%
70-100	568.9	22.3%	22.3%
90-120	281.7	11%	11%
0-90	2184.0	85.5%	85.4%
90-180	372.0	14.6%	14.6%
0-180	2556.0	100%	100%

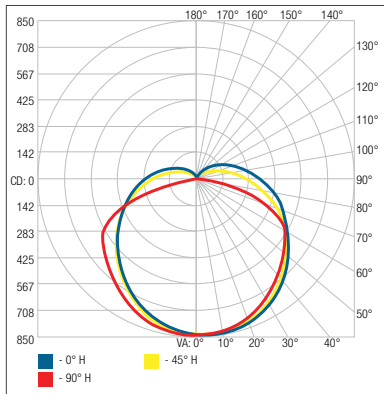
Illuminance at a distance

Center beam fc	Beam width
1.7'	194 fc
3.3'	51.6 fc
5.0'	22.5 fc
6.7'	12.5 fc
8.3'	8.16 fc
10.0'	5.62 fc

Beam width	Vert. spread:	Horiz. spread:
11.7'	147.6°	138.2°
22.7'		
34.4'		
46.1'		
57.1'		
68.8'		

L2STL-48LS3-W-40K • 3831.3 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	Lamp %	% Fixture
0-30	667.2	17.4%	17.4%
0-40	1114.9	29.1%	29.1%
0-60	2125.8	55.5%	55.5%
60-90	1139.0	29.7%	29.7%
70-100	854.3	22.3%	22.3%
90-120	427.4	11.2%	11.2%
0-90	3264.7	85.2%	85.2%
90-180	566.6	14.8%	14.8%
0-180	3831.3	100%	100%

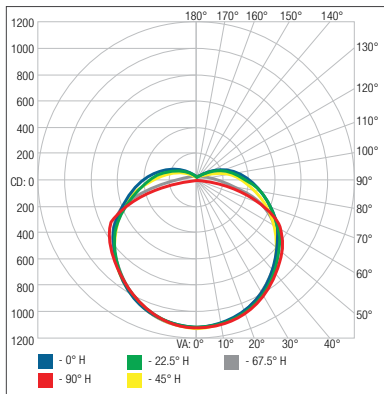
Illuminance at a distance

Center beam fc	Beam width
1.7'	290 fc
3.3'	77.0 fc
5.0'	33.5 fc
6.7'	18.7 fc
8.3'	12.2 fc
10.0'	8.38 fc

Beam width	Vert. spread:	Horiz. spread:
11.8'	147.7°	138.1°
22.8'		
34.6'		
46.3'		
57.4'		
69.2'		

L2STL-96LS2-W-40K • 5111.2 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	891.2	17.4%
0-40	1490.4	29.2%
0-60	2845.8	55.7%
60-90	1519.8	29.0%
70-100	1138.2	22.3%
90-120	563.6	11%
0-90	4365.6	85.4%
90-180	745.6	14.6%
0-180	5111.2	100%

Illuminance at a distance

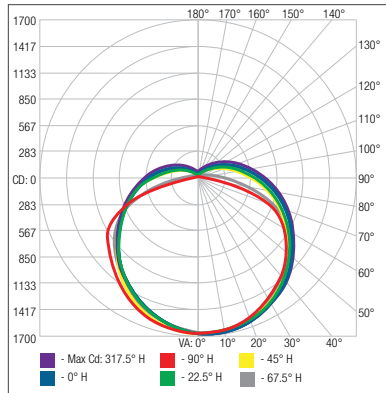
Center beam fc	Beam width
1.7'	387 fc
3.3'	103 fc
5.0'	44.7 fc
6.7'	24.9 fc
8.3'	16.2 fc
10.0'	11.2 fc

Beam width	Vert. spread:	Horiz. spread:
11.9'	148.1°	138.4°
23.1'		
35.0'		
46.9'		
58.1'		
70.0'		

PHOTOMETRIC DATA (CONT'D)

L2STL-96LS3-W-40K • 7661.5 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	1330.9	17.4%
0-40	2225.5	29%
0-60	4247.5	55.4%
60-90	2278.5	29.7%
70-100	1709.1	22.3%
90-120	855.0	11.2%
0-90	6526.0	85.2%
90-180	1135.5	14.8%
0-180	7661.5	100%

Illuminance at a distance

Center beam fc		Beam width	
1.7'	577 fc	12.0'	8.9'
3.3'	153 fc	23.2'	17.3'
5.0'	66.7 fc	35.1'	26.2'
6.7'	37.2 fc	47.1'	35.2'
8.3'	24.2 fc	58.3'	43.6'
10.0'	16.7 fc	70.3'	52.5'

■ Vert. spread: 148.2°
■ Horiz. spread: 138.3°

All products are subject to change or may be discontinued any time without notice.