

## LSS TRI-LEVEL LED STRIP WITH LENS GEN. 1

The LSS Tri-Level, programmable strip light has been designed to prevent energy loss and to increase energy savings by allowing the end-users to sensibly manage the degree of luminosity in applications or spaces that require continuous lighting, such as hallways and common areas. The luminaire features an integrated micro-wave motion sensor that regulates light levels according to the occupancy of a space.

### FEATURES AND SPECIFICATIONS

#### • Construction

##### Housing & finishing

- Sleek and compact design ideal for installation in tight spaces
- White powder painted steel
- Contoured frosted PMMA diffuser

##### Mounting

- Surface or suspended

#### Ambient temperature

-20°C - +50°C

#### • Compliances

- Meets requirements of ICES-005 issue 4 for class A products
- cULus

#### • Technical specifications

- Integrated tri-level microwave (high frequency) motion sensor
- Easy to clean and service
- Long life LEDs that provide 80 CRI and color temperature of 4 000 K
- Canopy plate for octagonal junction box and V-hooks are included (field installable)
- Estimated lifespan of over 100 000 hours to L70
- Suitable for damp locations

### OVERVIEW

Light source	LED
Watts (W)	32
Lumen output (lm)	4 160
Efficiency (lm/W)	130
Color temperature (K)	4 000
CRI	80
Weight (lbs)	5.50



LED  
fixture



dimmmable  
fixture

6

damp  
location



ICCS  
005



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](http://www.designlights.org/search).

**QUICK SHIP AND TECHNICAL SPECIFICATION TABLE** 🕒<sup>1</sup>

Order code	Description	DLC unique ID	Watts (W)	Volts (VAC)	Color temp. (K) <sup>2</sup>	Lumen output (lm) <sup>3</sup>	Efficiency (lm/W)	CRI	Life L70 (hrs) <sup>4</sup>	Tested hours LM-80 (hrs) <sup>4</sup>	Dimming (Yes/No)	Power factor	THD (%)	Case qty (master)
66083	LSS/4FT/TLEV/32W/40K/120-277/A1/STD	PLE84LSOCJOL	32	120-277	4 000	4 160	130	80	100 000	6 000	Yes	0.99	<10	6

<sup>1</sup> **QUICK SHIP:** Product availability is subject to change without notice. Please contact your Stanpro customer service representative to confirm inventory levels at time of order.

<sup>2</sup> Typical color temperature range: +/- 5 %.

<sup>3</sup> Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.

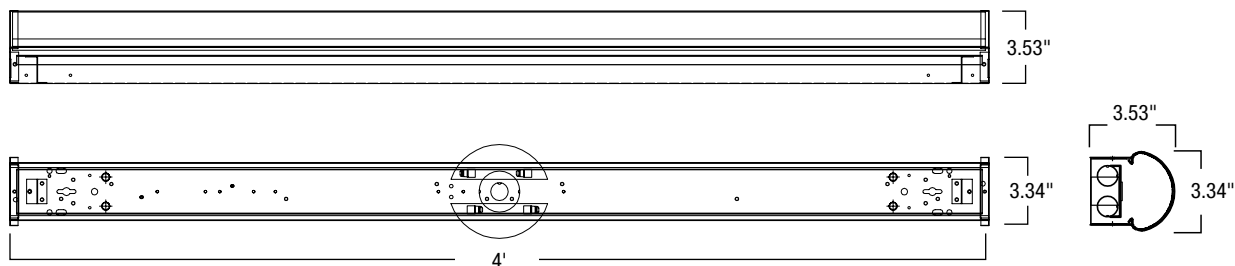
<sup>4</sup> Life hours are derived from IESNA LM-80-08 testing report and projected per IESNA TM-21-11 extrapolations.

**ACCESSORIES (order separately)**

Order Code	Description	Type
66085	LSS/ACC/4FT/LENS/STD	Replacement Lens for 48"
66086	LSS/ACC/VHOOKCHAIN/STD	Suspension Kit
66741	LST4/ACC/WG/STD	Wireguard for 48"
67340	LST/ACC/BRACKET/STD	Fixture Connector

**DIMENSIONS**

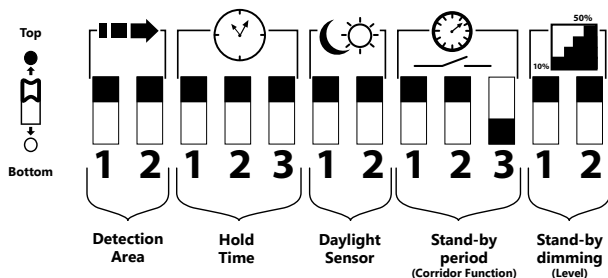
48"



**PROGRAMMING SETTINGS**

**Default programming**

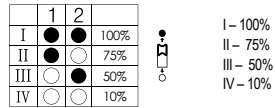
- Detection area: 100%
- Hold-time: 5s
- Daylight sensor: Disable
- Stand-by period (corridor function): 10s
- Stand-by dimming level: 10%



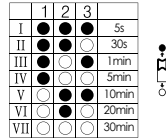
Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice.

SENSOR ON-OFF/DIMMING SETTING OPTIONS

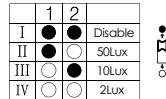
Detection Area	100% - 75% - 50% - 10
Hold Time	5s - 30s - 1 min - 5 min - 10 min - 20 min - 30 min
Day Light Sensor	Disable - 50 lux - 10 lux - 2 lux
Stand-by period (corridor function)	0s (on/off) - +∞ (bi-level; never switches off) 10s - 1 min - 5 min - 10 min - 30 min - 1 h
Stand-by dimming level	10% - 20% - 30% - 50%



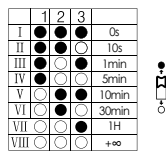
- I - 100%
- II - 75%
- III - 50%
- IV - 10%



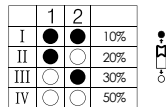
- I - 5s
- II - 30s
- III - 1min
- IV - 5min
- V - 10min
- VI - 20min
- VII - 30min



- I - Disable
- II - 50Lux
- III - 10Lux
- IV - 2Lux

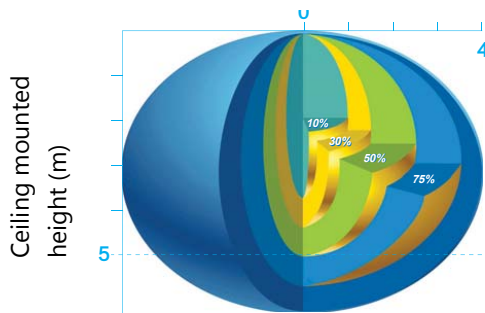


- I - 0s
- II - 10s
- III - 1min
- IV - 5min
- V - 10min
- VI - 30min
- VII - 1H
- VIII - +∞

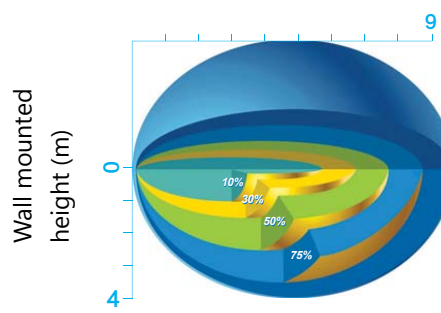


- I - 10%
- II - 20%
- III - 30%
- IV - 50%

DETECTION PATTERN



Ceiling mounted detection pattern (m)



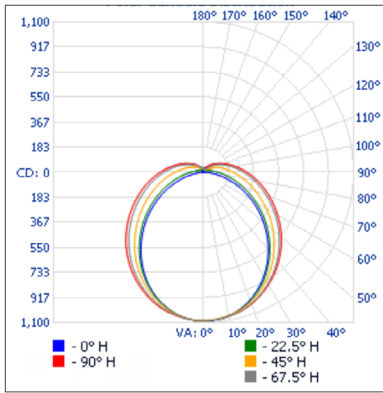
Wall mounted detection pattern (m)

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**PHOTOMETRIC DATA<sup>1</sup>**

66083 • LSS/4FT/TLEV/32W/40K/120-277/A1/STD • 4 013.5 lm

**Polar candela distribution**



**Zonal lumen summary**

Zone	Lumens	% Fixture
0-30	840.0	20.9
0-40	1 373.4	34.2
0-60	2 455.2	61.2
60-90	1 047.2	26.14
70-100	778.4	19.4
90-120	383.1	9.5
0-90	3 502.4	87.3
90-180	511.1	12.7
0-180	4 013.5	100

**Illuminance at a distance**

Center beam fc	Beam width	
	4.2'	8.1'
1.7'	376	99.8
3.3'	99.8	43.5
5.0'	43.5	24.2
6.7'	24.2	15.8
8.3'	15.8	10.9
10.0'	10.9	

■ Vert. spread: 102.7°  
■ Horiz. spread: 134.4°

<sup>1</sup> Complete IES files available on our website.

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