

PROJECT

COMMENTS

DATE



IN STOCK



LSS LENSED STRIP SQUARE LED

The LSS series offers a DLC Premium high-efficiency light output with field selectable color temperature control.

- Storage Facilities
- Hallways & Stairwells
- Low-Bay Warehouse

PHYSICAL

Material	Steel
Mounting	Surface and Suspended
Lens	Polycarbonate
Finish	White Powder Coat

PERFORMANCE

Warranty	5 years
Certifications	Damp Location, UL, cULus, DLC Premium
IP Rating	IP20
Rated Life	50,000+ hours
Operating Temperature	-30°C to 40°C (-22°F to 104°F)
CCT	Single CCT, Field Selectable: 3000K, 3500K, 4000K, 5000K 4000K STANDARD FACTORY SETTING
CRI	80+

ELECTRICAL

Wattage	20W, 30W, 60W
Voltage	120V, 120-277V, 347-480V
Power Factor	>0.98
Dimmable	0-10V (120-277V, 347-480V) or Triac (120V)

ENERGY CHART

SIZE	LENGTH feet	LUMENS	WATTAGE	EFFICACY lm/w
2	2	2500	20	125
4	4	3750	30	125
8	8	6250	50	125

ORDERING LOGIC

EX: LSS-2-30-010-SM-CL

FAMILY	SIZE	VOLTAGE	CCT	DIMMING	LENS COLOR	OPTIONS
LSS						
2	2'	120* STANDARD	30 3000K	010 0-10V	CL Clear Lens	OS Occupancy Sensor
4	4'	34 347 - 480V	35 3500K	TR* Triac ON/OF AVAILABLE WITH 120V	MW Milky White	OSBL(XX) Bi-Level Occupancy Sensor (xx=10, 30, or 50%) Factory Programmed to Designate Unoccupied Output % (ie. OSBL30)
8	8'		40 4000K		NL No Lens	EM Emergency Backup: 90-Min.
			50 5000K			
			FS1 Field Selectable 3000K/4000K/5000K			
			FS2 Field Selectable 3500K/4000K/5000K			

ORDERING NOTES

* 120V Only For Triac Dimming

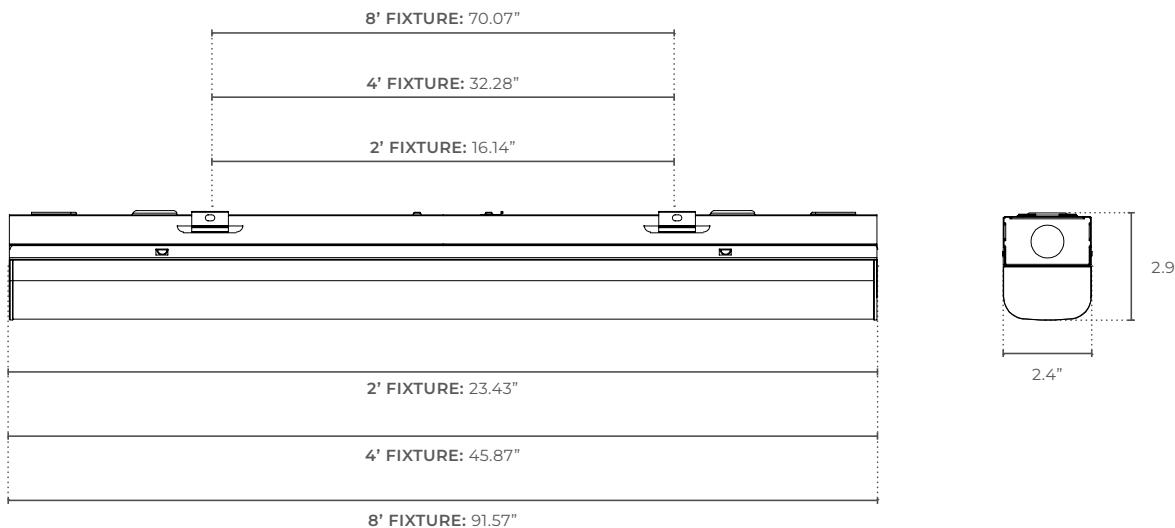
SEE NEXT PAGE FOR ACCESSORIES



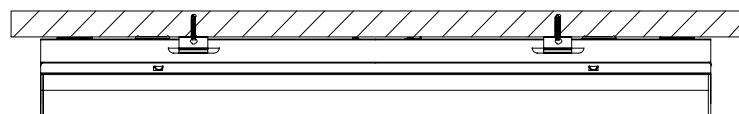
ACCESSORIES ORDERING LOGIC (ORDER SEPARATELY)

EX: LSS-OS/RC

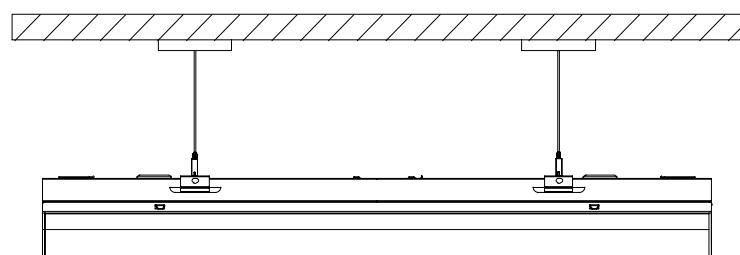
FAMILY	ACCESSORIES
LSS	
OS/RC	Handheld Wireless Remote Control for Occupancy Sensor Configuration
QC	Quick Connect Surface Bracket
HC36	36" Hangar Chain Set
AC	36" Adjustable Aircraft Cables (No Power Cord Included)
AC/PC-10FT	10' Adjustable Aircraft Cables and 10' Power Cord (Field Cuttable)
2WG	2' Wire Guard
4WG	4' Wire Guard
2RK	2' Reflector Kit
4RK	4' Reflector Kit
CP	Connection Plate
JBC	Junction Box Cover

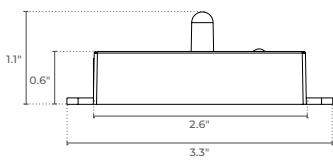
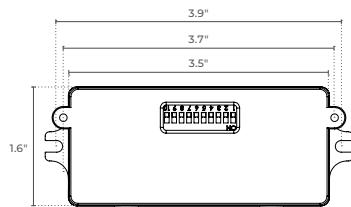
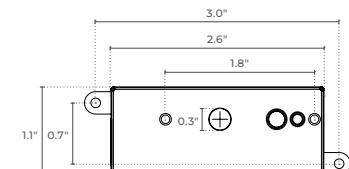
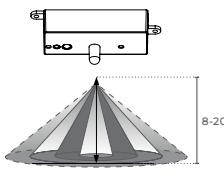
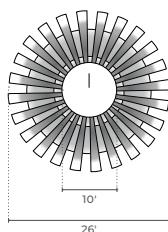
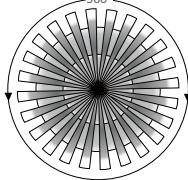
DIMENSIONS

MOUNTING

Surface Mount



Suspended Mount



BI-LEVEL SENSOR

Installation Height

Detection Range

Detection Angle

EMERGENCY BACKUP

SPECIFICATIONS

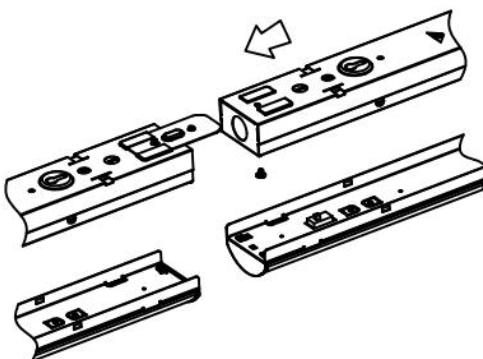
Universal Input Voltage	100-277VAC - 50-60Hz
AC Input Current	100mA Maximum
Output Power	10W
Emergency Time	≥1.5H
AC Input Power Rating	7.0W Maximum
Output Current & Voltage	200-400mA 25-48Vdc
Battery	Li-Ion - 11.1V/2000mAH

SPECIFICATIONS

Operating Temperature	-40°C - 70°C (-40°F - 158°F)
Power Supply	120/277VAC - 50/60Hz
Maximum Load	Resistive/Tungsten - 600W at 120V Ballast Electronic (LED) - 800VA at 120V/1200VA at 277V
HF System	5.8GHz CW
Dim Control Output	0-10V, Maximum 25mA Sinking Current
Detection Radius/Angle	Maximum 26ft
Mounting Height	Maximum 20ft
Humidity	Maximum 95% RH

SETTINGS

Sensitivity	20%, 50%, 75%, or 100%
Controls the sensitivity of the sensor. 100% is maximum sensitivity.	
Hold Time	10sec, 1min, 5min, 15min
Sets the amount of time that the luminaire remains at 100% full brightness after motion is no longer detected.	
Daylight Sensor	Disabled, 1fc, 3fc, 5fc
Controls the daylight sensor and ambient brightness threshold. If ambient brightness is lower than set threshold, the motion sensor is enabled and will turn the luminaire on when motion is detected. If ambient brightness exceeds the set threshold, the motion sensor is disabled and the luminaire will not turn on when motion is detected. If daylight sensor is disabled, then the sensor will control the luminaire output according to motion that is sensed in the detection area.	
Stand-By Light Level	0%, 10%, 30%, 50%
Sets the low level or bi-level output of the luminaire when motion is no longer present in the detection area. 50% is default for OSBL specifications.	
Stand-By Time	1min, 30min, 60min, Infinite
Sets the amount of time that the luminaire remains at Stand-By Light Level before it's switched off. Infinite means the luminaire doesn't turn off and will always remain at the Stand-By Light Level if no motion is sensed in the detection area.	

CONNECTION PLATE


JUNCTION BOX COVER



REFLECTOR

