

# L8500 LED Strip Series



## APPLICATIONS

- Warehouse
- Distribution Centers
- Food Processing
- Parking Garages
- Covered Parking
- Offices
- Stairwells
- Corridors
- Canopies

## FEATURES

- Easy, fast, tool-free maintenance
- Low maintenance
- Projected L70: 203,000 hours\*
- Daylight harvesting, bi-level/step dimming, occupancy sensors, emergency battery back-up options available
- Energy efficient – up to 90% savings over current energy/lighting costs
- Available in standard lumen output & high lumen output
- Narrow & medium reflectors optimized for high-bay aisle application

\* Based on IES TM21 projection

## SPECIFICATIONS

- Housing made from die formed heavy gauge pre-painted cold rolled steel and is finished with a post- production white polyester polymer
- Multiple mounting options available– individually or in continuous rows.
- Available with a 2’ 12.5W light bar, 2’ & 4’ 25W light bar or 4’ 50W light bar

## TECHNICAL INFORMATION

- Light Source: LED Light Bar Module
- Power Source: LED High Efficiency Power Supply
- Voltage: Universal 120 to 277
- CCT: 30K, 40K & 50K
- CRI: ± 84 (also available in 90)
- Mounting: Surface (Chain or Cable Mount Ready)
- Compliance: ETL
- Input voltage: 18Vdc (12W) 36Vdc (25W & 50W)
- Input current: 700mA (25W & 12W), 1.4A (50W)
- Driver capable of 0-10V dimming

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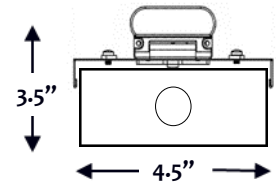
## CATALOG ORDERING EXAMPLE:

**L8596-1-25WT/4'/50k/94%**

L85

FAMILY TYPE	LENGTH IN INCHES/ WATTAGE	COLOR TEMPERATURE	ADDERS
L85	24 - 1-12WT/2' (12 Input Watts/1 -2FT Bar/ 1,746 lms)	30K (3000 Kelvin Temp)	OS (Occupancy Sensor)
	48 - 1-12WT/2' (12 Input Watts/1 -2FT Bar/ 1,746 lms)	40K (4000 Kelvin Temp)	OSD (Occupancy Sensor w/ Daylight)
	48 - 1-25WT/2' (25 Input Watts/1 -2FT Bar/ 3,178 lms)	50K (5000 Kelvin Temp)	PC (Photocell)
	48 - 1-25WT/4' (25 Input Watts/1 -4FT Bar/ 3,439 lms)		FSP-211 (Programmable Sensor)
	48 - 1-50WT/4' (50 Input Watts/1- 4FT Bar/ 6,355 lms)		SDIM33 (Bi-level Switching 100% to 33%)
	96 - 1-12WT/2' (12 Input Watts/1- 2FT Bar/ 1,746 lms)		SDIM25 (Bi-level Switching 100% to 25%)
	96 - 1-25WT/2' (25 Input Watts/1- 2FT Bar/ 3,178 lms)		SDIM50 (Bi-level Switching 100% to 50%)
	96 - 1-25WT/4' (25 Input Watts/1- 4FT Bar/ 3,439 lms)		NCH (No Channel)
	96 - 1-50WT/4' (50 Input Watts/1- 4FT Bar/ 6,355 lms)		PRGOS (Programmable PIR Time Sensor)
			SR (Medium Reflector)
			SNR (Narrow Reflector)
			EMR (LED Emergency Lighting Approx. 800 lumens)
			9" (Custom 9" Ballast Cover)
			94% (High Lumen Output)

Specifications and Dimensions subject to change without notice. Contact factory for updates. (909) 948-8878



## SAFETY WARNING

**FOR YOUR SAFETY, READ AND FOLLOW ALL INSTRUCTIONS TO PREVENT ELECTRIC SHOCK OR FIRE**

- **INSTALLATION REQUIRES KNOWLEDGE OF LIGHTING LUMINAIRE ELECTRICAL SYSTEMS**  
Contact qualified electrician prior to installation
- **DISCONNECT POWER BEFORE INSTALLATION**
- **DO NOT ALTER PRE-EXISTING HOLES OR DRILL NEW HOLES**
- **CHECK FOR INCLOSED WIRING COMPONENTS PRIOR TO DRILLING**  
Luminaire wiring, ballasts, power supplies or other electrical parts may be damaged.
- **USE ONLY ON COMPATIBLE LUMINAIRES**  
Installation requires specific dimensions and construction features.
- **PROTECT WIRING FROM ABRASION**  
Do not expose wiring to sharp objects or edges of sheet metal.

## INSTALLATION INSTRUCTIONS

1. Disconnect Power to the circuit supplying power to the fixture
2. Removed the existing lamps and fixture
3. Disassemble new fixture to allow access to the LED Driver
4. Run existing power supply wires into fixture through fixture knock-out or end plug on fixture
5. Mount the fixture to surface, or hang fixture with appropriate fixture mounting hardware or install fixture in T-bar Ceiling (Be sure to follow local building codes for the appropriate fixture installation methods.)
6. Connect power supply wires to supplied wire disconnect to provide power to fixture
7. Re-assemble fixture
8. Re-connect power and check installation

Revised 4/1/16