

<b>Project</b>	
<b>Type</b>	
<b>Notes</b>	
<b>Catalog No.</b>	
<b>Date</b>	

## L285-NCH Series

### LED Lensed Strip Kit (PCB)

The L285-NCH Series is a functional multi-purpose LED Strip Kit that incorporates premium performance and construction durability. Ideal for warehouse, distribution centers, and stairwells.



## Specifications

### Applications

- Warehouse
- Distribution Centers
- Parking Garages
- Covered Parking
- Utility Rooms
- Stairwells
- Corridors
- Canopies

### Construction

- Die formed 24 gauge cold rolled steel body
- Post painted with high gloss baked white matte powder coat
- Frosted diffuser

### Mounting

- Various mounting options available, including suspension, and surface mount. Chain and cable mount ready. Cord and plug options offered.

### Options

- Sensors can be integrated for additional energy savings
- Emergency battery back-up
- Dimming

### Warranty

- Five-year warranty. Terms and Conditions Apply. See warranty documentation for more information.

### Certification

- Adheres to LM79, LM80 and TM21 industry standards
- UL Listed
- DesignLights Consortium® (DLC) qualified
- Lighting Facts
- RoHS Compliant



## Catalog Ordering Example

**L28548-40W-50K-NCH**

**L285**

Family Type	Length in Inches/Wattage	Color Temperature	Options
L285	48 - 18W (4 Foot 18 Watt/ 2,340 lms)**	35K (3500 Kelvin Temp)	OS (Occupancy Sensor)*
	48 - 23W (4 Foot 23 Watt/ 3,013 lms)	40K (4000 Kelvin Temp)	OSD (Occupancy Sensor w/ Daylight)*
	48 - 32W (4 Foot 31 Watt/ 4,180 lms)	50K (5000 Kelvin Temp)	PRGOS-LS (Sensorswitch LSXR-ADC-3v Occ Sensor w/ Dimming Photocell)*
	48 - 35W (4 Foot 35 Watt/ 4,690 lms)		PRGOS-LO (IRTEC LOD509 Bi-Level Occ Sensor w/ Photocell)*
	48 - 40W (4 Foot 40 Watt/ 5,240 lms)**		PRGOS-LR (IRTEC LRD509 Programmable Occ Sensor w/ Remote Control)*
	48 - 46W (4 Foot 46 Watt/ 6,026 lms)**		EMR (Emergency Battery)*
	96 - 38W (8 Foot 38 Watt/ 4,940 lms)**		480SD (480 Step-Down)*
	96 - 46W (8 Foot 46 Watt/ 6,026 lms)		NCH (No Channel w/ adjustable bracket)
	96 - 54W (8 Foot 54 Watt/ 7,128 lms)		
	96 - 65W (8 Foot 65 Watt/ 8,580 lms)		
	96 - 75W (8 Foot 75 Watt/ 9,900 lms)**		
	96 - 90W (8 Foot 90 Watt/ 11,440 lms)**		

\* Field Installed \*\* Not DLC Listed

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

## Technical Information

Available CCT	35K, 40K & 50K
CRI	83+
Delivered Lumens	See Performance Data
Dimming	0-10V Dimming Standard
Efficacy	127+ LPW
Input Frequency	50/60 Hz
L70	122,000
Light Source	LED Board
Power Factor	> 0.90
Power Source	LED High Efficiency Power Supply
Rated Wattage	See Performance Data
Temperature Rating	-40°C – 50°C Ambient
THD	< 20%
Voltage	120V to 277V

## Application Photo



## Performance Data

Lens Type	Form Factor	Catalog No.	Rated Wattage (W)	Tested Wattage (W)	5000K	
					Delivered Lumens (lm)	Efficacy (lm/W)
Frosted Lens	4'	L28548-18W-50K-NCH	18	18	2,340	130
		L28548-23W-50K-NCH	23	23	3,013	131
		L28548-32W-50K-NCH	32	31	4,180	134
		L28548-35W-50K-NCH	35	35	4,690	134
		L28548-40W-50K-NCH	40	40	5,240	131
		L28548-46W-50K-NCH	46	46	6,026	131
	8'	L28596-38W-50K-NCH	38	38	4,940	130
		L28596-46W-50K-NCH	46	46	6,026	131
		L28596-54W-50K-NCH	54	54	7,128	132
		L28596-65W-50K-NCH	65	65	8,580	132
		L28596-75W-50K-NCH	75	75	9,900	132
		L28596-90W-50K-NCH	90	90	11,440	127

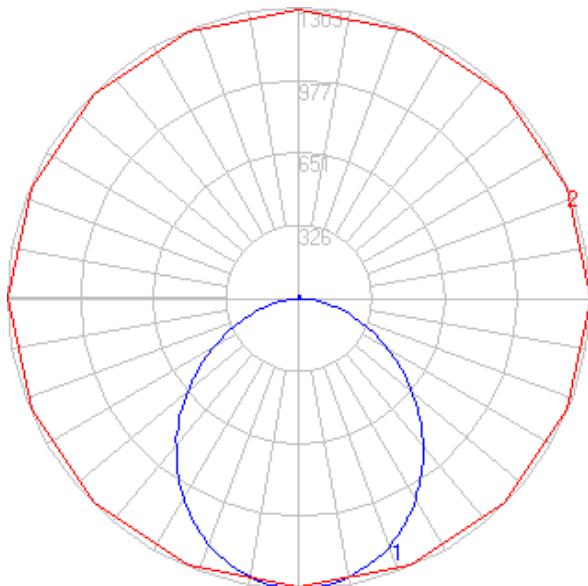
## Photometric Data

**L28548-35W-50K-NCH** Tested in accordance to IESNA LM-79

### Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-10	122.49	2.78%
10-20	349.08	7.92%
20-30	524.62	11.90%
30-40	628.19	14.25%
40-50	649.91	14.74%
50-60	599.58	13.60%
60-70	503.93	11.43%
70-80	386.29	8.76%
80-90	276.45	6.27%
90-100	188.24	4.27%
100-110	106.68	2.42%
110-120	45.91	1.04%
120-130	12.25	0.27%
130-140	4.62	0.10%
140-150	4.01	0.09%
150-160	3.21	0.07%
160-170	2.15	0.05%
170-180	0.80	0.02%

### Polar Graph

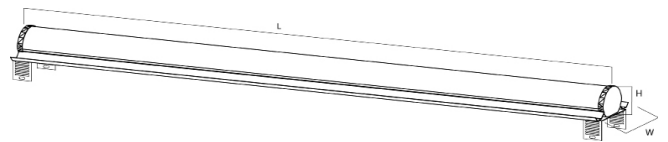


## Physical Characteristics

### Dimensions

Version	H	L	W
4FT	2.36"	48"	5.70"
8FT	2.36"	96"	5.70"

### Line Drawing



### Weights

Version	Weight
4FT	7lbs
8FT	13lbs