

## DESCRIPTION

Greatly reduce energy and maintenance costs by replacing existing fluorescent strip fixtures with these more efficient color and wattage selectable LED strip light fixtures that feature a built-in emergency backup.

## FEATURES

- Efficiently replaces up to an 8 lamp fluorescent fixture
- Delivers up to 153 LPW; output will vary depending on the wattage selected, see Selectable Table for full breakdown
- Built-in emergency backup operates fixtures for at least 90 minutes in the event of a power failure; recharges in 12 to 24 hours
- Self-tests monthly and yearly; red indicator light is located on the housing
- 0-10V dimming
- Wattage and color temperature are adjusted via dip switch on the driver; see installation instructions for more details

## LISTINGS

- UL rated for damp locations
- IP20
- DesignLights Consortium® 5.1 Standard - meets the requirements for the highest DLC qualification for efficacy and lumen maintenance

## PERFORMANCE

- CRI: 80
- CCT: 3500K, 4000K, and 5000K
- LED L70 Life Hours: >100,000

## EMERGENCY OPERATION

- Operation: 90 minutes
- Charging Time: 12 Hours, 24 Hours
- Input Voltage: 100-277VAC
- Output Power: 8W, 10W
- Output Lumens: 1000 to 1500

## THERMAL

- -4°F to 122°F (-20°C to 50°C) operating temperature

## ELECTRICAL

- THD: <20%
- Power Factor: >0.9
- Input Voltage: 120-277V
- Dimmable power supply (0-10V)
- Surge Protection: 2kV

## INSTALLATION

- Designed for surface mounting; see installation instructions for more details

## CONSTRUCTION

- Stamped sheet metal housing with white finish
- Frosted PMMA lens protects LEDs while evenly distributing light

|                |         |
|----------------|---------|
| project name   | type    |
| catalog number |         |
| comments       | voltage |
| approved by    | date    |



## WARRANTY

- 5-year limited warranty; see [pltsolutions.com](http://pltsolutions.com) for warranty details

## APPLICATIONS

- Storage Areas
- Utility Areas
- Garages
- Workshops
- Hallways

PERFORMANCE SUMMARY

| Item #    | Watts*   | CCT*              | CRI | Dimming | Voltage  | Emergency Operation | Recharge Time | Emergency Output Power | Replaces                | Default Settings | Length | DLC #        | DLC Level    |
|-----------|----------|-------------------|-----|---------|----------|---------------------|---------------|------------------------|-------------------------|------------------|--------|--------------|--------------|
| PLT-90357 | 18/25/30 | 3500K/4000K/5000K | 80  | 0-10V   | 120-277V | 90 Minutes          | 24 Hours      | 8W                     | 2 Lamp Fluorescent      | 30W, 5000K       | 4'     | PLTM34B81421 | 5.1 Standard |
| PLT-90358 | 34/38/45 | 3500K/4000K/5000K | 80  | 0-10V   | 120-277V | 90 Minutes          | 24 Hours      | 8W                     | 3 Lamp Fluorescent      | 45W, 5000K       | 4'     | PLTM34B91421 | 5.1 Standard |
| PLT-90359 | 38/46/54 | 3500K/4000K/5000K | 80  | 0-10V   | 120-277V | 90 Minutes          | 12 Hours      | 10W                    | 4 to 6 Lamp Fluorescent | 54W, 5000K       | 8'     | PLTM38BA1421 | 5.1 Standard |
| PLT-90360 | 65/75/90 | 3500K/4000K/5000K | 80  | 0-10V   | 120-277V | 90 Minutes          | 12 Hours      | 10W                    | 6 to 8 Lamp Fluorescent | 90W, 5000K       | 8'     | PLTM38BB1421 | 5.1 Standard |

\* See Selectable Table for full breakdown

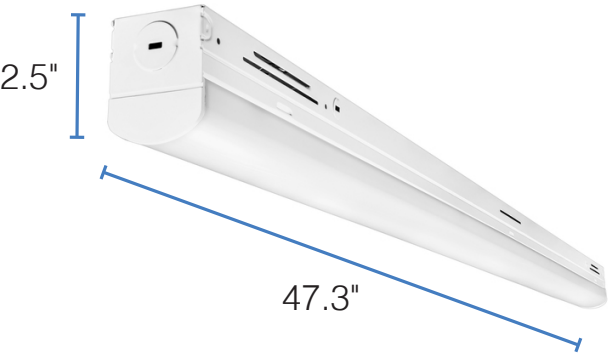
SELECTABLE TABLE

| SKU       | Wattage | CCT   | Lumens | Efficacy |
|-----------|---------|-------|--------|----------|
| PLT-90357 | 18      | 3500K | 2635   | 146      |
|           |         | 4000K | 2769   | 153      |
|           |         | 5000K | 2679   | 148      |
|           | 25      | 3500K | 3605   | 144      |
|           |         | 4000K | 3819   | 152      |
|           |         | 5000K | 3674   | 146      |
|           | 30      | 3500K | 4191   | 139      |
|           |         | 4000K | 4477   | 149      |
|           |         | 5000K | 4246   | 141      |
| PLT-90358 | 34      | 3500K | 4420   | 130      |
|           |         | 4000K | 4454   | 131      |
|           |         | 5000K | 4488   | 132      |
|           | 38      | 3500K | 4940   | 130      |
|           |         | 4000K | 4978   | 131      |
|           |         | 5000K | 5016   | 132      |
|           | 45      | 3500K | 5850   | 130      |
|           |         | 4000K | 5895   | 131      |
|           |         | 5000K | 5940   | 132      |
| PLT-90359 | 38      | 3500K | 5468   | 143      |
|           |         | 4000K | 5698   | 149      |
|           |         | 5000K | 5637   | 148      |
|           | 46      | 3500K | 6543   | 142      |
|           |         | 4000K | 6865   | 149      |
|           |         | 5000K | 6749   | 146      |
|           | 54      | 3500K | 4767   | 138      |
|           |         | 4000K | 7882   | 145      |
|           |         | 5000K | 7741   | 142      |
| PLT-90360 | 65      | 3500K | 9277   | 142      |
|           |         | 4000K | 9776   | 150      |
|           |         | 5000K | 9545   | 146      |
|           | 75      | 3500K | 10,787 | 143      |
|           |         | 4000K | 11,410 | 152      |
|           |         | 5000K | 11,015 | 146      |
|           | 90      | 3500K | 12,146 | 134      |
|           |         | 4000K | 12,963 | 144      |
|           |         | 5000K | 12,476 | 138      |

DIMENSIONS

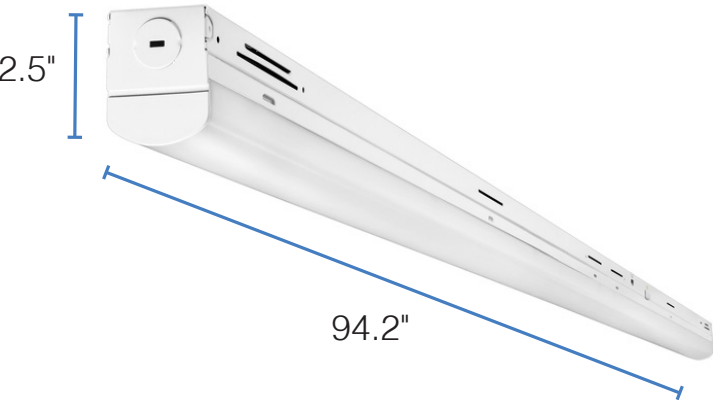
4' DIMENSIONS

Length: 47.3"  
Height: 2.5"  
Width: 1.9"  
Weight: 4.87 lbs



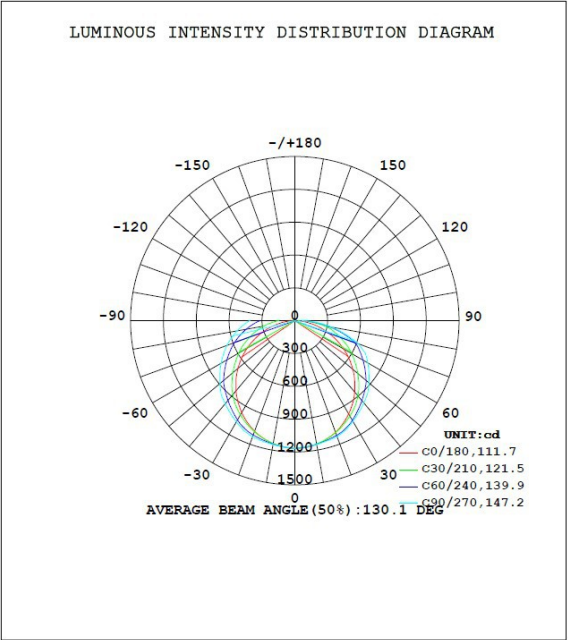
8' DIMENSIONS

Length: 94.2"  
Height: 2.5"  
Width: 1.8"  
Weight: 8.37 lbs



PHOTOMETRICS

PLT-90357



PLT-90358

