

DESCRIPTION

Create direct and indirect lighting in a space by installing these sophisticated color selectable architectural LED linear fixtures. The indirect light produced by this high-quality commercial fixture reduces eye strain and fatigue to establish a more comfortable environment. Rooms with enough indirect light avoid the cave effect that occurs when bulbs or fixtures direct light downward without reflecting enough light upward toward the ceiling.

FEATURES

- Efficiently replaces a 3 or 6 lamp fluorescent fixture
- Light output will vary depending on the color temperature selected, see Selectable Table for full breakdown
- Provides up to 4428 lumens of indirect lighting to reduce cave effect; see Direct/Indirect Lighting section for full breakdown
- Multiple fixtures can be linked end-to-end using the included linking bracket; see End-to-End Linking section for more information
- Comes with a 5-foot power cord and 2 5-foot aircraft cables
- Dimmable with 0-10V dimmers; see Compatible Dimmers section for full list of compatible dimmers
- Color temperature is adjusted via dip switch on the driver; see installation instructions for more details

LISTINGS

- UL rated for damp locations

PERFORMANCE

- CRI: 80
- CCT: 3000K, 3500K, and 4000K
- LED L70 Life Hours: 60,000 hours

THERMAL

- -4°F to 104°F (-20°C to 40°C) operating temperature

ELECTRICAL

- THD: <20%
- Power Factor: >0.9
- Input Voltage: 120-277V
- Dimmable power supply (1-10V)
- Surge Protection: 1000V

INSTALLATION

- Designed for suspension with included 5-foot aircraft cables and canopies; see installation instructions for more details

CONSTRUCTION

- Aluminum housing with white finish
- 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 for warranty details

APPLICATIONS

- Open-plan Offices
- Upscale Hotel Lobbies
- Upscale Restaurants
- High-end Retail Stores

PERFORMANCE SUMMARY

| Item # | Watts* | CCT* | CRI | Dimming | Voltage | Replaces | Length |
|-----------|--------|---------------------------|-----|---------|----------|--------------------|--------|
| PLT-90279 | 40 | 3000K/ 3500K/ 4000K | 80 | 0-10V | 120-277V | 3 Lamp Fluorescent | 4' |
| PLT-90280 | 80 | 3000K/ 3500K/ 4000K | 80 | 0-10V | 120-277V | 6 Lamp Fluorescent | 8' |

*See Selectable Table for full breakdown

SELECTABLE TABLE

| Wattage | CCT | Lumens | Efficacy |
|---------|-------|--------|----------|
| 40 | 3000K | 4800 | 120 |
| | 3500K | 4828 | 121 |
| | 4000K | 4920 | 123 |
| 80 | 3000K | 9600 | 120 |
| | 3500K | 9680 | 121 |
| | 4000K | 9840 | 123 |

DIRECT/INDIRECT LIGHTING

| Type of Lighting | Wattage | CCT | Lumen | Efficacy |
|-------------------------------------|---------|-------|-------|----------|
| Direct & Indirect Lighting Combined | 40 | 3000K | 4800 | 120 |
| | | 3500K | 4828 | 121 |
| | | 4000K | 4920 | 123 |
| | 80 | 3000K | 9600 | 120 |
| | | 3500K | 9680 | 121 |
| | | 4000K | 9840 | 123 |
| Direct Lighting Only (55%) | 40 | 3000K | 2640 | 120 |
| | | 3500K | 2655 | 121 |
| | | 4000K | 2706 | 123 |
| | 80 | 3000K | 5280 | 120 |
| | | 3500K | 5324 | 121 |
| | | 4000K | 5412 | 123 |
| Indirect Lighting Only (45%) | 40 | 3000K | 2160 | 120 |
| | | 3500K | 2172 | 121 |
| | | 4000K | 2214 | 123 |
| | 80 | 3000K | 4320 | 120 |
| | | 3500K | 4356 | 121 |
| | | 4000K | 4428 | 123 |

END-TO-END LINKING

| SKU | Number of Fixtures @ 120V | Number of Fixtures @ 277V |
|-----------|---------------------------|---------------------------|
| PLT-90279 | 9 | 20 |
| PLT-90280 | 4 | 10 |

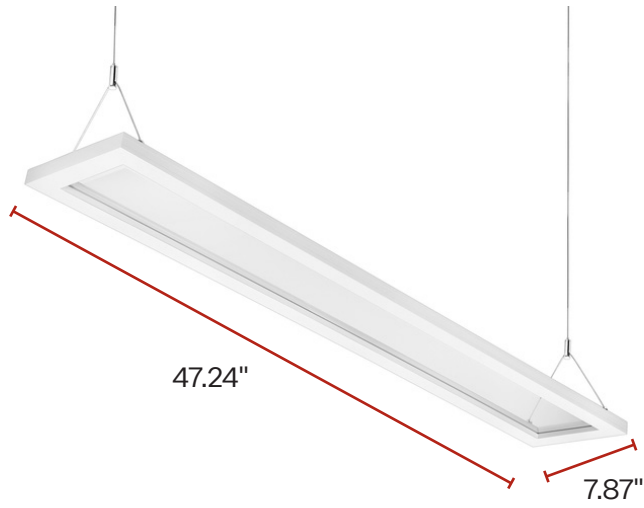
COMPATIBLE DIMMERS

| Brand | Model # |
|---------|-----------|
| Lutron | DVLV |
| Leviton | IP-710-DL |

DIMENSIONS

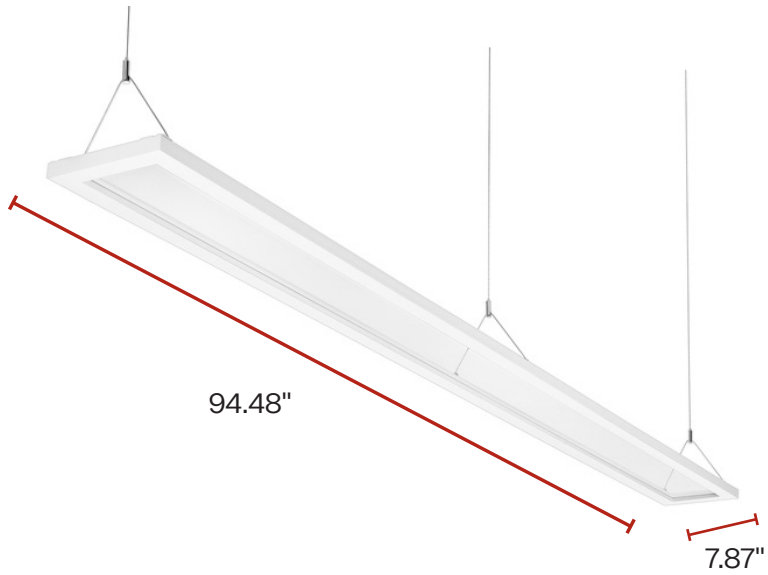
4' DIMENSIONS

Length: 47.24"
Height: 0.94"
Width: 7.87"
Weight: 11 lbs



8' DIMENSIONS

Length: 94.48"
Height: 0.94"
Width: 7.87"
Weight: 18 lbs



PHOTOMETRICS

40W 3500K, 120V

