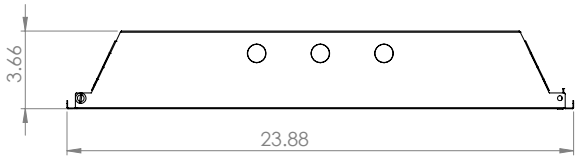
TECHLIGHT®
INNOVATOR AND LEADER IN THE LIGHTING INDUSTRY

# L2PT24 SERIES

## 2x4 Lay-In Parabolic LED Troffer

| Catalog Number | |
|---|---|
| Project | Type |

| SERIES | HOUSING HEIGHT | LENGTH & WIDTH |
|---|---|---|
| **L2PT24** | 3.66" | 48.00" x 23.88" |




## FEATURES & SPECIFICATIONS

**APPLICATION** — This fixture is designed for recessed ceiling mounting application. Perfect for commercial office spaces, schools, hospitals or retail merchandising areas. With 50,000 hours of life at L70 standard and a 5-year limited warranty the fixture maintenance cost is reduced substantially over time.

**CONSTRUCTION** — Housing constructed of structurally embossed, 22 gauge cold rolled steel. lite housing for easy installation, post painted body with smooth sides for safe handling. Extra reinforcement in body to create additional rigidity. Superior mechanical light seal to eliminate the need for foam gasketing. Standard steel door frame has superior structural integrity with a premium appearance precision cut corners. Integral T – Bar clips to secure fixture to T – Bar system. LED modules MCPCB roll formed into extruded aluminum heatsinks for improved thermal performance.

**FINISH** — Post painted housing and components with a Lighting White Polyester type paint which has a UV stabilizer included with a 93% reflectivity. Raw steel goes through our custom wash system with a mild solvent and pre treatment "rust inhibitor" before passing through a preheat oven. After the paint is applied the fixture then passes through the cure oven for maximum adhesion. Each fixture is painted to a minimum of 2-3 mil thickness for extra durability.

**OPTICAL SYSTEM** — LED channels provided with frosted lens for a smooth softer light dispersion. semi-specular aluminum louvers utilize the latest developments in louver finishing. Cam action latches and die formed T-hinges for door insertion from either side. Nominal 2 5/8" deep louver for excellent cut off and glare control.

**ELECTRICAL SYSTEM** — Long life LED's and high efficiency drivers work together to provide superior performance in an efficient package to deliver optimal performance. LED's available in 4000K and 5000K with a CRI >80. Electronic drivers are available in 120/277 volt applications. Power factor >0.9. 0-10V dimming comes standard (dimming leads pulled through upon request). Class 2 LED driver accessible from below for ease of service. L95 at 10K hours L70 ≥ 50K hours. Modular wiring drop cord may be factory installed (contact your sales representative for details).

**LISTINGS** — ETL listed. LM79 and LM80 tested.

**WARRANTY** — The complete luminaire is covered by a 5-year limited warranty.

## ORDERING INFORMATION

Choose the bold face options for the appropriate luminaire configuration for your application and enter on the line above each fixture attribute. Accessories may be factory installed, depending on the particular accessory chosen, but still be ordered as a separate line item.

EXAMPLE:
**L2PT24 40 6L 1 12 W**

| **L2PT24** | | | | | | |
|---|---|---|---|---|---|---|
| **SERIES** | **COLOR TEMP** | **NOMINAL LUMENS** | **VOLTAGE** | **CELL NUMBER** | **LOUVER FINISH** | **OPTIONS** |
| | **40** = 4000K<br>**50** = 5000K | **4L** = 4,000 Lumens<br>**5L** = 5,000 Lumens<br>**6L** = 6,000 Lumens<br>**8L** = 8,000 Lumens | **1** = Multi-Volt[1] | **12** = 2x6 | **W** = High Reflectance White | **AH** = Air Handling (Supply/Return Slots)<br>**HOEB** = LED Battery Pack, 90 min, 5050 Lumens<br>**FBF** = Fast-Blow Fuse<br>**SBF** = Slow-Blow Fuse<br>**DLP** = Dimming Leads Pulled<br>**AC63** = 6' x 3X 18AWG, 3/8"dia., Armored Conduit Flex Cable<br>**AC64**[2] = 6' x 4X 18AWG, 3/8"dia., Armored Conduit Flex Cable |

## ACCESSORIES (Order as separate line items)

**HLFLPTCLIPS**[3] Seismic Fixture Clamps (one)
**FK24** 2 X 4 Sheetrock Flange Kit

## NOTES

[1] = Multi-Volt is 120/277V.

[2] = Must be used with HOEB if AC is required.

[3] = Four seismic fixture clamps needed per fixture.

## LUMINAIRE CHARACTERISTICS

| Nominal Lumens | Wattage | Delivered Lumens | |
|---|---|---|---|
| | | 4000K | 5000K |
| **4L** | 35 | 3996 | 4076 |
| **5L** | 40 | 5329 | 5435 |
| **6L** | 50 | 6095 | 6216 |
| **8L** | 67 | 8265 | 8433 |

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**All dimensions and specifications are subject to change without notice.**