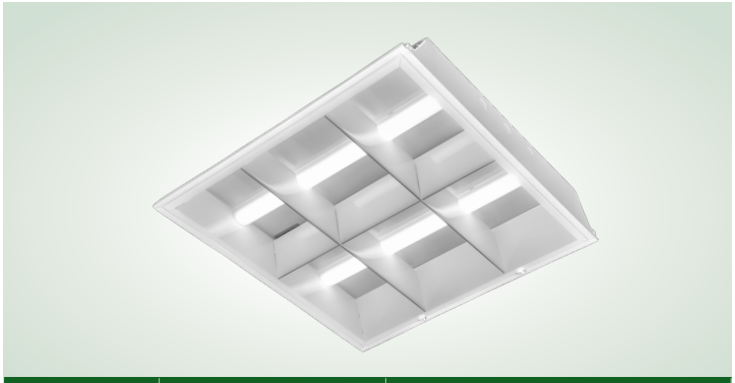
TECHLIGHT®
INNOVATOR AND LEADER IN THE LIGHTING INDUSTRY

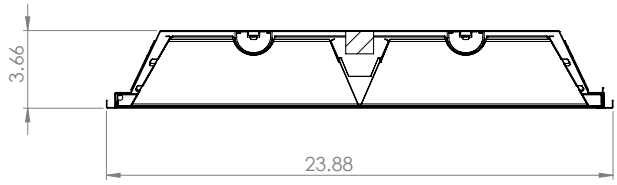
L2PT22 SERIES

2x2 Lay-In Parabolic LED Troffer

Catalog Number	
Project	Type



SERIES	HOUSING HEIGHT	LENGTH & WIDTH
L2PT22	3.66"	23.88" 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. Light housing for easy installation, painted body with smooth sides for safe handling. Extra reinforcement in body to create additional rigidity. Aluminum louvered door frame has excellent 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. Seismic clamps integral to housing.

FINISH — Powder coat painted housing and components with high reflectance 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 — Shielding is provided by linear angled blades, and faceted cross baffles. Housing is contoured to efficiently direct light downward. Lamp cutouts maximize shielding. Linear extruded acrylic diffusers soften light distribution to deliver a balanced amount of light to both vertical & horizontal surfaces.

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. Optional integrated sensors for full control are available, consult factory.

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:
L2PT22 40 5L 1 6 W

L2PT22						
SERIES	**COLOR TEMP**	**NOMINAL LUMENS**	**VOLTAGE**	**CELL NUMBER**	**LOUVER FINISH**	**OPTIONS**
	40 = 4000K **50** = 5000K	**2L** = 2,000 Lumens **3L** = 3,000 Lumens **5L** = 5,000 Lumens	**1** = Multi-Volt[1]	**6** = 2x3	**W** = High Reflectance White	**AH** = Air Handling (Supply/Return Slots) **HOEB** = LED Battery Pack, 90 min, 5050 Lumens **FBF** = Fast-Blow Fuse **SBF** = Slow-Blow Fuse **DLP** = Dimming Leads Pulled **AC63** = 6' x 3X 18AWG, 3/8"dia., Armored Conduit Flex Cable **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)
FK22 2 X 2 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		Strips to Use
		4000K	5000K	
2L	18	1710	1744	2 of 14W strips,each at 350mA
3L	34	3109	3171	2 of 14W strips,each at 700mA
5L	46	4710	4795	2 of 28W strips, each at 1050mA

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All dimensions and specifications are subject to change without notice.