



Catalog Number	
Project	Type

FEATURES & SPECIFICATIONS

APPLICATION — Low profile recessed Static Luminaires designed for general application and is ideal for restricted plenum spaces. 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. Shallow, light 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. Steel door frame allows easy lens replacement by loosening only one corner. Integral T – Bar clips to secure fixture to T – Bar system. Shielding is acrylic and UV stabilized. All Shielding is free of Asbestos.

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 — Techlight/Horizon’s state of the art Diffuser sets new benchmarks for performance in key metrics such as transmission efficiency for a given level of diffusion or hiding power, beating holographic, surface relief and bulk diffuser techniques. We enable high transmission and a pleasant uniform light at the same time.

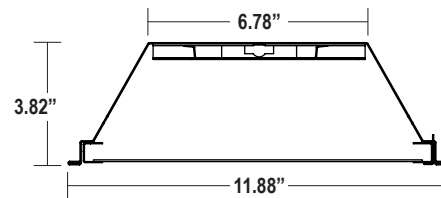
ELECTRICAL SYSTEM — Long life LED’s and high efficiency drivers work together to provide superior performance in an efficient package to deliver optimal performance. LED’s available in 3500K, 4000K and 5000K with a CRI >82. Electronic drivers are available in 120/277 volt applications. 0-10V dimming as well as 50% step dimming capabilities available upon request. When in the step dimming 50% position the 0-10V leads may still be utilized for further dimming control.

LISTINGS — ETL listed. LM79 and LM80 tested.

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



1x4 Lay-In LED Troffer LTR1 SERIES



Series	Housing Height	Length & Width
LTR1	3.82"	48.00" x 11.88"

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.

LTR1

Series	Wattage	Delivered Lumens/CCT	Voltage	Diffuser	Door Frame
LTR1	26 ¹ 47 ¹ 52 ¹	20 2078 Lumens / 3500K (26W Only) 22 2235 Lumens / 4000K (26W Only) 23 2261 Lumens / 5000K (26W Only) 37 3794 Lumens / 3500K (47W Only) 40 4080 Lumens / 4000K (47W Only) 41 4129 Lumens / 5000K (47W Only) 41 4189 Lumens / 3500K (52W Only) 45 4505 Lumens / 4000K (52W Only) 46 4559 Lumens / 5000K (52W Only)	D Multi-Volt ²	Blank .100" #12 Acrylic A .125" #12 Acrylic B .156" #12 Acrylic	SW Flush Steel White AN Flush Alum Natural AB Flush Alum Matte Black AW Flush Alum White RN Regressed Alum Natural RB Regressed Alum Matte Black RW Regressed Alum White

Options (Order as separate line items)

LEB13	1300 Lumen Emergency Ballast
FBF	Fast-Blow Fuse
SBF	Slow-Blow Fuse
AC63	6', 3/8" dia., Armored Flex Cable

NOTES

- Actual wattage may differ by ±5% while operating 120/277V ±10%.
- Multi-Volt is 120/277V.