



M501 SERIES

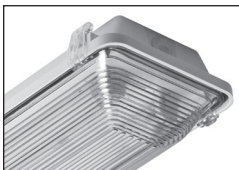
Euro-Designed Enclosed and Gasketed Fluorescent Luminaire Wet Location UL Listing

Fixture Type: _____

Job Information: _____

SPECIFICATIONS:

- European design and engineering. Bold and sleek luminaire with superior performance. Enclosed and gasketed housing will withstand most critical environments.
- Weather and chemical resistant, corrosion free, and impervious to vapors, dust, and moisture. UL listed for wet locations.
- Applications: Food handling and processing facilities, refrigerated storage, drug and chemical plants. Use in shower areas, parking garages, pedestrian and roadway tunnels, and outdoor public areas.
- M501 series: Standard 7-3/8" width. Linear T5, HO-T5, or T8 fluorescent lamps. Module lengths of 2ft., 4ft., and 8ft. are available with 1-, 2-, or 3-lamp cross-sections. (8ft. to be tandem 4ft. lamps). Module length of 8ft. also available with a 2-lamp cross-section for utilizing 8ft. SL-T8 and HO-T8 lamps.
- M501N series: Narrow companion luminaire, 4-1/2" width. Linear T5, HO-T5, or T8 fluorescent lamps. Module lengths of 2ft. and 4ft. are available with 1-lamp cross-section.
- Diffusers: PIM type is injection molded from clear unbreakable and UV stabilized polycarbonate material for total freedom from breakage and vandalism. PIM not available on 8ft. modules. AIM type is injection molded from clear impact resistant acrylic material. AIM available on M501 4ft. and 8ft. modules only. Both diffuser types have the same internal rounded linear rib pattern which help to control glare while transmitting maximum light output. Smooth outside surfaces resist dirt accumulation and bacterial growth and allow for easy cleaning.
- Housings: Compression molded in one-piece of non-conductive, non-corrosive, and self-extinguishing 5V-A fiberglass. A poured continuous gasketing permanently bonds and fills perimeter channel where upon latching, the diffuser and housing form a liquid tight seal. Permanently finished in a pearl white color that never needs painting or refinishing.
- Latches: Unbreakable polycarbonate with self-locking feature to stay closed without hardware. Optional tamperproof screws add maximum security against vandalism or unauthorized fixture entry. Stainless steel latches optional.
- Heavy gauge steel-wiring tray: Tethered to housing, contains the ballast, sockets, and all wiring on an easy to handle one-piece component. Unique metal locking device system allows tray to hinge open or lock closed for easy one-person wiring connections. Tray is finished in baked white enamel with minimum reflectivity of 87%.
- Optional optical reflectors: Optional reflectors are CAD designed for optimal reflective performance. Fabricated from Miro-4 enhanced specular aluminum with a 95% reflectivity.
- Ballasts: See Ballast Type under ordering data for complete specs. All ballasts are electronic. Most ballast/lamp combinations have zero degree F low temperature starting. When critical specify low temp. All ballasts operate as multi-volt 120V-277V/50HZ-60HZ. Dedicated voltages upon request.
- Emergency battery back-up: Integrated pack, vented housing, UL damp label only.
- Installations: A 7/8" hole in each end for surface conduit entry and continuous feeds. Liquid tight plugs supplied. Weatherproof hubs supplied by others. Mount individually or continuous. Optional stainless steel "slide grip" style hanger brackets allow easy mounting without drilling housing. Two top-side embossments contain drill points for job site mounting options. Proper sealing will maintain wet location status.
- UL and CUL listed 1598 and bears a UL wet location label. IP67 tested per IEC 60529, edition 2.1 and passed. Certified by NSF International. Union made and labeled.



M501 Detail



M501N Detail

MERCURY
LIGHTING
PRODUCTS CO. INC. 

M501 SERIES

Euro-Designed Enclosed and Gasketed Fluorescent Luminaire Wet Location UL Listing

Fixture Type:

Job Information:

ORDERING DATA: Fill in boxes below with corresponding bold options.

Example: M501-254-H0-T5-PIM-ELB-UNI-HB

Series	No. of Lamps Cross	Lamp Wattage/Ea./ Nominal Fixture Length	Lamp Type	Tandem Housing/ Nominal Fixture Length	Diffuser Style	Optional Optical Reflector	Ballast Type	Voltage	Misc.
M501 7-3/8" Wide, 2Ft., 4Ft., & 8Ft. M501N 4-1/2" Wide, 1-Lamp Only, 2Ft., & 4Ft. Only.	1 Lamp 2 Lamps 3 Lamps	T5 LAMPS 14 14W-T5/2Ft. 28 28W-T5/4Ft. H0-T5 LAMPS 24 24W-H0-T5/2Ft. 54 54W-H0-T5/4Ft. T8 LAMPS 17 17W-T8/2Ft. 32 32W-T8/4Ft. SLIMLINE T8, H0-T8 59 59W-SL-T8/8Ft. 2-lamp Only. 86-H0 86W-H0-T8/8Ft. 2-Lamp Only.	T5 Linear T5 H0-T5 Linear High Output T5 OCT Linear T8	Leave Blank Except for 8Ft. Tandem Lamps. /8T Nom. 8Ft. Housing, 4Ft. Lamps In Tandem.	PIM Injection Molded Clear UV Stabilized Polycarbonate. Rounded linear Ribs. Not Available on 8Ft.Units. AIM Injection Molded Clear Impact Resistant Acrylic. Rounded linear Ribs. Available on M501 4Ft. & 8Ft. Only.	Leave Blank for No Reflector. MRT Miro-4 Enhanced Specular Aluminum 95% Reflectivity.	ELB T5 Electronic Programmed Start. Up to 4-Lamps/ Ballast. ELB H0-T5 Electronic Programmed Start. Up to 2-Lamps/ 54W-H0-T5. Up to 4-Lamps/ 24W-H0-T5. ELB T8 Electronic Instant Start. Up to 4-Lamps/ Ballast. ELBL T8 Electronic Instant Start Low Watt. Up to 4-Lamps/ Ballast. ELBH T8 Electronic Instant Start High Light Output. Up to 4-Lamps/ Ballast. ELBS T8 Electronic Rapid Start. Up to 4-Lamps/ Ballast. ELB Slimline T8 Electronic Instant Start/ Slimline T8-59W. Up to 2-Lamps/ Ballast. ELB HO-T8 Electronic Rapid Start/ H0-T8-86W. Up to 2-Lamps/ Ballast. ELB- T5 or T8 Electronic As Specified.	UNI Universal Voltage, Multi-Volt 120V-277V, 50HZ-60HZ. 120V 120V-60HZ as Needed. 277V 277V-60HZ as Needed.	EMPK/ISL28 ISL-28 or Equal 500 Lumens. One T5 Lamp. EMPK/ISL54 ISL-54 or Equal 825 Lumens. One T5 or H0-T5 Lamp. EMPK/ISL540 ISL-540 or Equal 1300 Lumens. One T5 or H0-T5 Lamp. EMPK/I32 I-32 or Equal 500 Lumens. One 28W-T5 or One T8 Lamp. EMPK/I48 I-48 or Equal 700 Lumens. One or Two T8 Lamps. One SL-T8 or H0-T8 Lamp. EMPK/I320 I-320 or Equal 1300 Lumens. One T5 or H0-T5 Lamp. One or Two T8 Lamps. One SL-T8 or H0-T8 Lamp. May Not Fit all Housings. EMPK/I880 I-880 or Equal 2000 Lumens. One T5 or H0-T5 Lamp. One or Two T8 Lamps. One SL-T8 or H0-T8 Lamp. May Not Fit all Housings. TP Tamperproof Latches. SS Stainless Steel Latches. HB Stainless Steel Hanger Bracket Set of 2.



HB-Stainless Steel Hanger Bracket

PHOTOMETRICS:

Reports available upon request.

DIMENSIONAL DATA/CROSS SECTION:

