



M32 SERIES

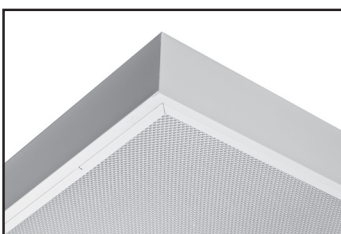
High Efficiency 2X4 Lens Surface Module

Fixture Type: _____

Job Information: _____

SPECIFICATIONS:

- Commercial grade surface mounted fluorescent luminaire. This 2X4 module features a complete menu of available diffusing media, lamping choices, and ballast options. Specify the appropriate combinations for the application and desired performance needed.
- Applications: Use in all commercial, retail, and public buildings where recessing is not possible or desirable, or when high ceilings necessitate suspending the luminaire down to reasonable heights. Use in office, school, and medical environments. Small, medium, and large rooms illuminate well with evenly spaced 2X4 modules.
- T5 Lamps: Linear 28W-T5 or 54W-HO-T5; two, three, or four-lamp cross sections.
- T8 Lamps: Linear 32W-T8; two, three, or four-lamp cross sections.
- Housings: Die formed code grade heavy gauge cold rolled steel with mitered ends welded into place for strength and uniformity. Snap-in type wireway cover allows for easy maintenance.
- Door frames: Heavy gauge flush steel frame has mitered-look corners and contains the specified diffusing media. Hinges down from either side of the housing or may be completely removed. Two positive action cam latches hold the frame closed. Optional gasketing and tamper proofing on request.
- Optional door frames: Extruded aluminum frame has a 5/8" regression, true mitered corners, and offers a more architecturally pleasing appearance and finish. Aluminum frame is able to withstand damp locations.
- Finish: All steel housing parts are painted after fabrication with a white enamel paint providing a reflectivity of 89% or greater. Optional colors on request.
- Diffusers and louvers: See ordering data for complete list of available media. Diffusers include both extruded and injection-molded acrylic types with various specified lighting patterns. Louvers include both plastic and aluminum types with various specified cell sizes and configurations.
- Optional Optical Reflectors: CAD designed to the corresponding lamping and fabricated from Miro-4 enhanced specular aluminum. Has a 95% reflectivity. (See Series M32-MRT).
- Ballasts T8: Electronic instant start, normal light output, high power factor, THD less than 20%. Up to 4-lamps per ballast is standard. Optional T8 performances: rapid start circuit, high light output, low-watt, THD less than 10%. Lutron or Advance dimming ballasts as specified. Dedicated voltages; 120V-60HZ or 277V-60HZ. Optional multi-volt operates a range from 120V-277V, 50HZ-60HZ, and is less than 10% THD.
- Ballasts T5: Electronic programmed start, normal light output, high power factor, THD less than 10% most ballast/lamp combinations. Up to 2-lamps per ballast is standard except; up to 4-lamps per ballast is standard for 54W-HO-T5. Lutron or Advance dimming ballasts as specified. Most T5 ballasts are standard as multi-volt, 120V-277V 50HZ-60HZ.
- A multiple lamp ballast operating the maximum number of lamps is standard. For split circuits and switching specify two-ballast option.
- Emergency battery back up: Integrated pack ranges from 500-lumen output up to 1400 lumens. Varies with lamp type.
- Installations: Designed for surface mounting direct to most ceiling types. May be suspended from ceilings on auxiliary hanging hardware. Sufficient knockouts are provided on the back of the housing for all electrical connections. Knockouts on the ends for surface conduit entry on request.
- UL and CUL listed 1598 and bears their label. Suitable for dry locations or optional damp locations with UL Damp Label. Union made and labeled.



Diffuser Detail



M32 SERIES High Efficiency 2X4 Lens Surface Module

Fixture Type:

Job Information:

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

Example: M32-432-OCT-9A-ELB-UNI-EMPK/I320

Series/Module Size	Optional Door Frame	No. of Lamps Cross	Lamp Wattage/Each	Lamp Type	Diffuser/Louwer Style	Ballast Type	Voltage	Misc
M32 2X4	Leave Blank for No Option REG Extruded Aluminum 5/8" Regression.	2 Lamps 3 Lamps 4 Lamps	28 28W-T5/4Ft 54 54W-HO-T5/4Ft 32 32W-T8/4Ft	T5 Linear T5 HO-T5 Linear High Output T5 OCT Linear T8	9A Acrylic Prismatic Clear Pattern #12. 9A.125 Nominal .125" Thick Acrylic Prismatic Clear Pattern #12. K19 Nominal .156" Thick Acrylic Prismatic Clear Pattern #19. 1-FL Acrylic Smooth White. No Pattern. 1-DF Acrylic Smooth White Drop Panel. No Pattern. SPW-3/4 3/4" X 3/4" X 3/8" Sliver Parawedge Plastic Louver. Other Finishes On Request. LSPW 1-1/2" X 1-1/2" X 1" Sliver Parawedge Plastic Louver. Other Finishes On Request. APB3 78 Cell Semi-Specular Aluminum Parabolic Louver. 105 Cell and Other Finishes On Request. All Other Specified Media.	ELB T5 Electronic Programmed Start <10%THD. (Most Ballast/Lamp Combinations.) Up to 2-Lamps/Ballast 28W-T5. Up to 4-Lamps/Ballast 54W-HO-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 <10%THD. (Most Ballast/Lamp Combinations.) Up to 4-Lamps/Ballast. ELBD T5 or T8 Electronic Dimming, Lutron or Advance as Specified. Up to 3-Lamps/Ballast. Dedicated Voltage Only. ELB- T5 or T8 Electronic As Specified.	UNI T5 Universal Voltage, Multi-Volt 120V-277V, 50HZ-60HZ. UNI T8 Universal Voltage, Multi-Volt 120V-277V, 50HZ-60HZ, <10%THD. (Most Ballast/Lamp Combinations.) 120V T8 120V-60HZ, T5 & T8 Dimming 120V-60HZ. 277V T8 277V-60HZ, T5 & T8 Dimming 277V-60HZ.	EMPK/I32 I-32 or Equal 500 Lumens. One 28W-T5 Lamp, or One 32W-T8 Lamp. EMPK/I48 I-48 or Equal 700 Lumens. One or Two 32W-T8 Lamps. EMPK/I320 I-320 or Equal 1350 Lumens. One 28W-T5 or 54W-HO-T5 Lamp. One or Two 32W-T8 Lamps. EMPK/I232 I-232 or Equal 1400 Lumens. Two 32W-T8 Lamps. EMPK/ISL28 ISL-28 or Equal 500 Lumens. One 28W-T5 Lamp. EMPK/ISL54 ISL-54 or Equal 825 Lumens. One 28W-T5 or 54W-HO-T5 Lamp. 2B 2-Ballasts, 2-Circuits. DL UL Damp Label. DG Double Gasketing.

CROSS SECTIONS:

