



- Superior thermal management system
- Long-Life LED
- 5000K 70CRI neutral white light for excellent color rendering
- Energy saving – less than 40 watts of power
- Five year warranty
- NEMA 4X
- Factory Sealed

TLX7240

Explosion Proof LED Luminaire

Tomar introduces its new addition to the TLUX LED lighting line. The TLX7240 is a Class I Division 1 LED replacement for a 150 watt incandescent light source. Operating voltage is 95 – 276 VAC.

Applications include classified areas such as oil and gas processing facilities, off-shore drilling platforms, pipeline pumping stations, and other areas where hazardous locations exist due to the presence of flammable or explosive gases, vapors and combustible dusts as defined by the NEC.

The TLX7240 LED luminaire features a unique thermal management system that utilizes internal cooling fins to draw heat away from the LED's. This allows for longer lamp life and more consistent light output. All electronics and LED's are guaranteed against manufacturing defects for a full 5 years.

TLX7240 EXPLOSION PROOF LED



Ordering Information

Please see "Options and Accessories" for 1" hub ordering information (except Stanchion)

Model	Description
TLX7240-P-W	Pendant 3/4" hub
TLX7240-F-W	Flange 3/4" hub
TLX7240-W-W	Wall 3/4" hub
TLX7240-S-W	Stanchion 1 1/2" hub

Options and Accessories


Model	Description
EP-FM-1	Flange mount with 1" hub
EP-PM-1	Pendant mount with 1" hub
EP-WM-1	Wall mount with 1" hub
EPG	Lens Guard

Technical Specifications

Mechanical	Description
Housing material	Corrosion resistant copper-free Aluminum alloy
Coating	Baked powder epoxy/polyester finish, electrostatically applied for complete, uniform corrosion protection
External Hardware	Stainless Steel
Reflectors	Aluminum with white finish
Size and Weight (body only)	11" tall x 8.75" dia. 16.8 lbs net

Electrical	Description
Input voltage	120 -240 VAC
Operating temperature	-40°C to 60°C
Power consumption	0.56 amps at 120 VAC. 0.33 amps at 240 VAC 50/60 Hz
Light Output	2686 lumens
Luminaire Efficacy	71 LPW
Lumen maintenance - L70 calculated and reported per TM-21-11	150,000 hrs calculated, >60,000 hrs reported at 45C ambient
Chromaticity	5000K

Compliances

CSA /US listed 
 Class I, Div 1 & 2, Groups C, D
 Class II, Div 1 & 2, Groups E, F, and G
 Class III
 T6

Standards

C22.2 No. 30-M1986 (R2012) - Explosion-proof enclosures for use in class I hazardous locations
 C22.2 No. 25-1966(R2014) - Enclosures for Use in Class II Groups E, F, and G Hazardous Locations
 CSA 137-M1981 (R2014) - Electric Luminaires for Use in Hazardous Locations
 ANSI/UL 844-2012 - Luminaires for Use in Hazardous (Classified) Locations
 UL 8750(1st Ed.) - Light Emitting Diode (LED) Equipment for Use in Lighting Products
 CSA 250.13-14 Light emitting diode (LED) equipment for lighting applications