

Applications

This luminaire can be used as spot light, down light and tunnel light which can provide general illumination in hazardous locations, such as:

- Petroleum Industry
- Petrochemical Industry
- Metallurgical Industry
- Power Generation Industry
- Power Transmission Industry
- Machine Manufacturing
- Drilling platform
- Single point mooring
- Oil tank
- Workover platform
- Production platform
- Field tank
- Manifold centerl
- Pumping station
- Gasoline station
- Transformer station, Coating plant ,Warehouse .etc.

Features

- LED source. Long lifespan. High lumen output.
- Good heat dissipation, long life span
- Shock- and vibration-resistant-tempered glass, reduces the risk of premature failure
- Explosion proof design can use in the hazardous application
- High strength aluminum alloy housing. can endure 20 J impact

Ratings and Certifications

- **NEMA 4X, IP66**
- **UL1598A/UL844/UL924**
- **CSA C22.2 No.137**
CSA C22.2 No.250.0
Class I Division 2, Groups A, B, C, D
Class I Division 2, Groups F, G
Class III
UL Compliant
ABS Compliant
- **Marine and Wet Locations**
- **IECEX**
- **ATEX**
- **5 years or other warranty period specified in agreement**
- **L70 rating for more than 150000 hours**



T Series



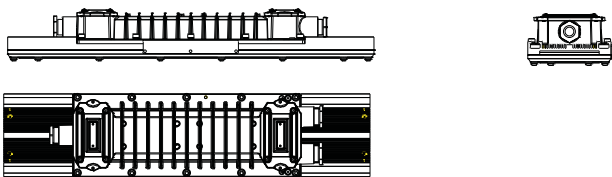
Typical Model Specification

Product Number	Wattage	Color	Voltage	Working Hours	CRI
EX-36W2FT	36	2700K-6400K	AC100-277V	5 years	70
EX-48W2FT	48	2700K-6400K	AC100-277V	5 years	70

Mechanical Information

	Size (In)
AC100-277V models	24x5.4x3.5

Structure Diagram



Technical Data

Permissible ambient temperature:	-40°C-+45°C
Power:	36W, 48W
Rated voltage AC:	100V-277V
Frequency:	50/60Hz
Power factor :	>0.98
THD:	<20%
Connecting terminals:	3*1.0-4mm ² (L+N+PE)
Insulation class:	I
Surge Protection:	5KV
Degree of protection accd .EN 60529:	IP 66
Cable Entries:	2XNPT 3/4" (M25 is optional)
Enclosure material:	Copper free aluminium alloy
Enclosure colour:	Orange,RAL2011(optional grey RAL7040)
Coating:	Epoxy powder coating
Exposed fastener:	Stainless steel
Protective cover:	Tempered glass,Stand 7J impact
Weight:	6.4kg