

LED FLAME PROOF TUBE LIGHT FITTING



Tejaslite
Energy Efficient Lighting Forever



FLP tube light fittings designed with single and double LED bulbs 8w/18 /22 W capacity in LM6 Die cast Enclosure. 2/4 feet long heat resistant borosilicate glass designed to give the crystal-clear light output with maximum illumination. Internal reflector provided to increase the LUX level and coverage purposes. Simple Mechanical Fixing design provided for easy installation.



INDOOR



OUTDOOR



LED LIFE
> 50,000 Hrs



50 - 60 Hz



UV & IR
RADIATION FREE



MERCURY



OPERATING
TEMP.
-10°C to 50°C

Application

💡 Oil / Refineries Industries
like IOCL, BPCL, HPCL etc

💡 Chemical Industries

💡 Pharmaceutical/ Bulk drug
Industries

💡 Automobile Industries

💡 Paint & Thinner Industries

💡 Power Generation
plants

💡 Fertilizers / Chemical
industries

💡 Bio-Chemical Industries

Specification

Part No	TSFTL-82	TSFTL-182	TSFTL-362	TSFTL-442
Power Consumption (±5%)	8W	18W	36W (2x18W)	44W (2x22W)
Electrical Data				
Input Voltage & Frequency	AC 100-277 V & 50 Hz ~ 60Hz			
Power factor	≥0.95			
Total Harmonic Distortion	<10%			
Driver Surge Voltage	>4KV - Input Low Voltage & Over Voltage Protection / Output Short Circuit and Open Circuit Protection			
System efficiency	>88%			
Photometric Data				
Rated Luminous Flux	>800 Lm	>1800 Lm	>3600 Lm	>4400 Lm
Luminance	>60/12ft	>110/12ft	>220/12ft	>300/12ft
LED Beam Angle	180°			
LED Light Source	SMD LED(LM80 life time tested part, High Lumen Output and Efficacy , Low Thermal Resistance)			
Color Rendering Index	≥80			
Luminous Efficiency	>130Lm/W			
Color Temperature (CCT)	Cool White (CW) 5000K~6500K { Neutral White (NW) 3900K~4500K , Warm White (WW) 2700K~3900K } on request			
Luminaire Data				
Luminaire weight	2.5 Kg	4.5 Kg	8.5 Kg	8.5 Kg
IP Rating	IP65			
Working Temperature	-10°c to + 50°c			
Luminaire Body & Finish	pressure Die castings LM6 aluminium enclosure with light grey to shade 631 epoxy powder coated			
Application & Mounting	Suitable for Flame Proof, ZONE 1 & ZONE 2, GAS GROUP IIA, IIB - Indoor , outdoor area & Fixing with clamp /hanging bolt			
Futures	Eco Friendly, Low Power Consumption, No UV & IR Radiation, Long Life, Less Heat, No Bugs, Instant On & Off			

Disclaimer: Owing to continuous innovation & improvement, Tejaslite reserves the right to make changes In the design/data/details without prior notice. Care has been taken to ensure that the information contained is correct.