

LED FLAME PROOF FLAT GLASS LIGHT FITTING



Tejaslite
Energy Efficient Lighting Forever



Flame proof flat glass fittings sleek/light weight pressure die casting enclosure with high quality heat resistant borosilicate glasses to give high clarity of the light output and illumination level. This light having high lumen efficiency wide beam angle and wide variety of Wattage with Well-designed LED fixtures for proper heat dissipation and high level illumination.



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	TSFFG-202	TSFFG-402	TSFFG-502	TSFFG-602	TSFFG-702	TSFFG-1002
Power Consumption ($\pm 5\%$)	20W	40W	50W	60W	70W	100W
Electrical Data						
Input Voltage & Frequency	AC 100-277 V & 50 Hz ~ 60Hz					
Power factor	≥ 0.95					
Total Harmonic Distortion	<8%					
Driver Surge Voltage & Protection	>4KV (up to 20KV on request)- Input Low Voltage & Over Voltage Protection / Output Short Circuit and Open Circuit Protection					
System efficiency	>88%					
Photometric Data						
Rated Luminous Flux	>2400 Lm	>4800 Lm	>6000 Lm	>7200 Lm	>8400 Lm	>12000 Lm
Luminance	>30/16ft	>60/16ft	>90/16ft	>110/16ft	>140/16ft	>175/16t
LED Beam Angle	180°					
LED Light Source	SMD LED(LM80 life time tested part, High Lumen Output and Efficacy ,Designed for high current operation, 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	4.5 Kg	5 Kg	5 Kg	5 Kg	6.5 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.



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