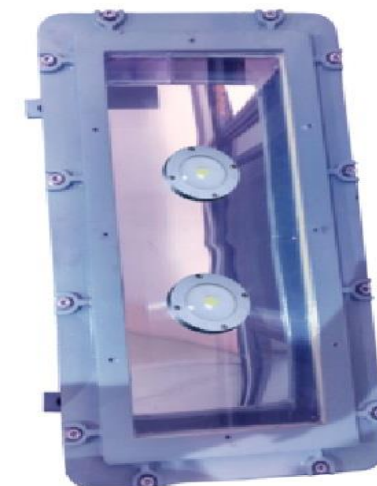


LED FLAME PROOF CLEAN ROOM FITTING



Tejaslite
Energy Efficient Lighting Forever

FLP Clean room fittings designed with sleek/Stylish model with LM6 aluminum construction suitable for the final packing section of Hazardous chemical industries and rectangular type of toughened glasses designed to cover wide area and maximum light output. Designed for Simple installation and mounting arrangements. Flame proof weather proof light fittings having standard with high lumen efficiency wide beam angle and wide variety of Wattage.



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	TSFCR-302	TSFCR-402	TSFCR-502	TSFCR-602	TSFCR-802	TSFCR-902
Power Consumption (±5%)	30W	40W	50W	60W	80W	90W
Electrical Data						
Input Voltage & Frequency	AC 100-277 V & 50 Hz ~ 60Hz					
Power factor	≥0.95					
Total Harmonic Distortion	<8%					
Driver Surge Voltage	>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	>3600 Lm	>4800 Lm	>6000 Lm	>7200 Lm	>9600 Lm	>10800 Lm
Luminance	>75/12ft	>100/12ft	>125/12ft	>150/15ft	>175/15ft	>200/15t
LED Beam Angle	120°					
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	>140Lm/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	7 Kg	7 Kg	7 Kg	7.5 Kg	8 Kg	8 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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