

LED FLAME PROOF BULKHEAD LIGHT FITTING



Tejaslite
Energy Efficient Lighting Forever



FLP/WP Certified Bulk Head light fitting Die Cast Aluminum LM6 enclosure, Solid and sleek designed to satisfy customer requirements. Toughened flat glass designed to perform clear and maximum light output. Well designed for easy installation and mounting purposes. Anyone can easily replace existing FLP light Fittings with required watts of LED fixtures within the Affordable prices.



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	TSFBH-122	TSFBH-222	TSFBH-302	TSFBH-422
Power Consumption ($\pm 5\%$)	12W	22W	30W	42W
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	>1440 Lm	>2640 Lm	>3600 Lm	>5040 Lm
Luminance	>40/12ft	>75/12ft	>125/12ft	>175/12ft
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	>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	3.5 Kg	3.5 Kg	3.5 Kg	3.5 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.