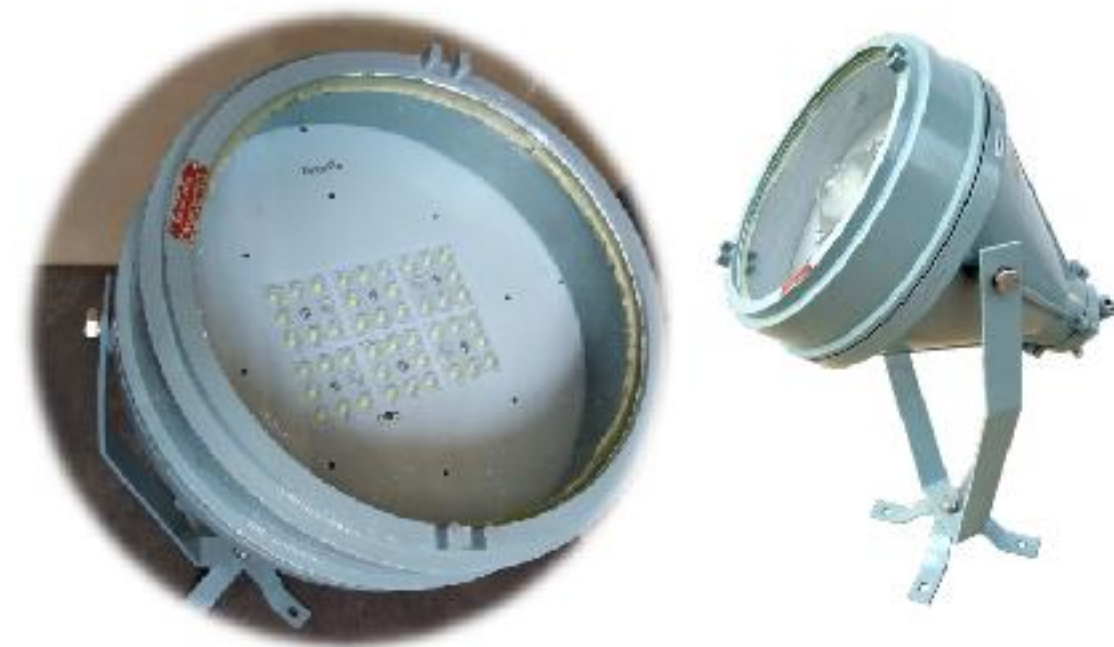


# LED FLAME PROOF FLOOD LIGHT FITTING



**Tejaslite**  
Energy Efficient Lighting Forever



FLP flood light fitting with solid and rigid construction in Aluminum LM6 Metal suitable for Hazardous flameproof location and Zones and designed for High zoom and long focus model light fitting. FLP flood light designed with Multidirectional movement to cover the light output in all directions. FLP flood light fittings are more energy efficient than HPSV/ HPMV and MH fittings.



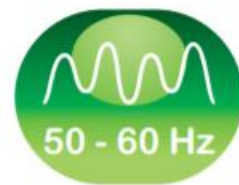
INDOOR



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	TSFFL-502	TSFFL-702	TSFFL-1002	TSFFL-1202	TSFFL-1502	TSFFL-2002
Power Consumption (±5%)	50W	70W	100W	120W	150W	200W
<b>Electrical Data</b>						
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%					
<b>Photometric Data</b>						
Rated Luminous Flux	>6000 Lm	>8400 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					
<b>Luminaire Data</b>						
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.