

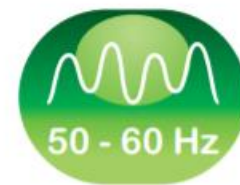
LED FLAME PROOF VESSEL LIGHT FITTING



Tejaslite
Energy Efficient Lighting Forever



FLP/WP Reactor Vessel lamp fittings Designed to View lamp purpose in the Chemical process Reactors. RVL is the compact and tiny models to perform required purpose. The Flange fixing arrangement is very comfortable for the end users. LED fixture designed for high lumen with focus facility to solve the customer requirements.



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 | TSFVL-42 | TSFVL-72 | TSFVL-142 | TSFVL-202 |
|---------------------------|--|----------|-----------|-----------|
| Power Consumption (±5%) | 4W | 7W | 14W | 20W |
| 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 | >480 Lm | >840 Lm | >1680 Lm | >2400 Lm |
| Luminance | >100/3ft | >175/3ft | >225/3ft | >300/3ft |
| 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 | 2.5 Kg | 2.5 Kg | 2.5 Kg | 2.5 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.