



SREETECH INDWAY
Flame Proof Product Manufacturer



Well glass Flame Proof Luminaire

HIGH LIGHTS

- High Power Factor
- Fully Controlled Optical Radiation.
- Low THD (< 5 %)
- Low Temperature Rise
- LED Life upto 10 Years
- High Luman Output
- Glare free UV Filter for Human Safety
- CMFR certified Enclosure

MANUFACTURER:

SREETEC, Insudtrial Lighting Designer & Developer,
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TECHNICAL SPECIFICATION FOR 30/45/70/72watt WELL GLASS FLP FIXTURE

1) MODEL NO	SAI/WG/3001 WITH ZONE 1&2 &FLAME PROOF/EQUVALENT
2)LED MAKE	SREETEC30/45/70/72W
3) CONSTRUCTION	LM-6 ALUMINIUM DIE CAST
4) HEAT SINK	INTEGRATED WITH IN LUMINAIRE
5) LIGHT DISTRIBUTION	140 DEG
6) LED MAKE	OSRAM/SEOUL SEMI/LUMILEDS
7) LED JUNCTION TEMPRATURE	< 90DEG
8) COLOUR TEMPRATURE CCT	5500 TO 6000 K
9) LED LIFE TIME	70000 HOURS MINIMUM
10) CRI	80%
11) LUMEN OUTPUT	MINIMUM 150Lm/W
12) LUMINOUS EFFICACY	95%
13) LED DROVER	CONSTANT CURRENT AND ENCAPSALUTED
14) DRIVE CURRENT	175 TO 400 mA@ 230v ac
15) DRIVER EFICIANCY	90%
16) THD AMP	<10%
17) INPUT VOLTAGE RANGE	180 TO 290 VAC
18) FREQUNCY	50 TO 60 Hz
19) warranty	4 years SUBJECT TO INPUT POWER REGULATIONS
20) SURGE	4KV
21) POWER FACTOR	>0.9
22) MAINTENANCE FACTOR	0.8 ON LUMINAIRE
23) LUMEN DETERIORATION	3% PER ANNUM
24) UNIFORMITY RATIO	0.3
25) APPLICATION	OUTDOOR USE SUITABLE FOR zone 1&2 , 2A 2B FLAME PROOF
26) PROTECTION LEVEL	IP-65 FOR OUTDOOR APPLICATION / HAZARDOUS AREA
27) CERTIFICATION	CMFR DHANBAD/KARADIKER--PESO
28) OPTICAL RADIATION	AS PER IEC-62471-2006
29) GLARE INDEX	LEVEL 3
30) GLASS	Toughened clear glass as per IS/IEC60074/0
31) UV FILTER	TO CONTROL GLARE EFFECTS AND HUMAN SAFETY PROVIDED AS OPTIONAL