FLAME PROOF LED LIGHT - 60 W
(Universal Type - Explosion Proof Fitting)

DATA SHEET

SPECIFICATIONS OF LUMINARY.

- Luminaries wattage: 60 Watt (+/- 5%)
- Input Voltage: 100 ~ 305 VAC
- Input Frequency: 50 Hz
- Input Current: 0.274 A
- Power Factor: > 0.96
- Attd.: CLASS C
- Efficiency: >85%
- Temperature Class: T6
- IP Standard: IP 65
- Total Weight: 7 Kg
- Starting Time: Instant (0.2 Sec)
- Light Spreading Angle: 140°
- Guarantee: 3 Years on LED DRIVER
- Guarantee: 3 Years on COB LED
- Guarantee: 3 Years on FLUX/CCT/CRI

SPECIFICATIONS OF LED

- Model No: CLU-028-1208 V6
- LED type / No of LED Lamp: COB / Single
- Total Lumen (As per simulation Tool): 7292
- Lumen Efficacy (Lm/ Watt): 136 lm/W @ 60°C LED Tc
- Lumen Efficacy (Lm/ Watt) (incl. all losses): 116 lm/W @ 60°C LED Tc
- Color / Color Rendering index: CCT 6500K / RA 80
- SP Ratio: 2.25
- MAC ADAM ELIP STAGE: STEP 3
- LED -Wattage/Current/Voltage: 53.7 W / 1400 mA / 37 V
- Lamp Life: 1,60,000 Hours Min.
- Certifications / Reports: LM80/Photo Bio. Test
- Actual Tested Report: Actual Operating test report for 63,000Hrs
- Identification Method: Unique Serial No. Printed on each Lamp

SPECIFICATIONS OF LED DRIVER

- Model No: PI-13D-45S AD OR PLD-60-1400
- Type of Driver: Constant Current
- Input Voltage Range: 100 ~ 305 VAC
- Frequency Range: 47 ~ 63 Hz
- Inrush current: Cold Start 25A
- Leakage current: 0.5mA / 277VAC
- Output Protection: Short Circuit, Over Voltage/ Current/ Temperature
- Withstand Voltage: I/P-O/P : 3.75 KVAC
- Surge Protection: L-N : 2KV, L-N-PE : 4KV
- MTBF /DMTBF: 458 Khrs min. @ 25°C
- Capacitor Life Cycle: 42086 Hrs @ 50°C

SPECIFICATIONS OF FIXTURE \ HEAT SINK

- Type of Ex Protection: Ex d
- Zone Classification: Zone 1, 21 & 2, 22
- Gas Group: IIA, IIB & II C
- Cable Entry & Hardware: M20 X 2 Nos, SS
- Certification: CMRI, PESO Certification for Zone II A, II b & II C.
- MOC Fixture: Aluminum Diecasting LM6 Grade
- Junction Temperature -Tj: 84°C
- Case Temperature- Tc: 60°C

ORDERING CODE: SE60FLP-UN

LED SPECTRUM

Examples of Mounting

Pole Mounting

Ceiling Mounting

Side Wall Mounting

Lux Distribution Curve