**FLAME PROOF LED LIGHT - 75 W**  
(Universal Type - Explosion Proof Fitting)

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## DATA SHEET

### SPECIFICATIONS OF LUMINARY.

- **Luminaries wattage**: 75 Watt (+/- 5%)
- **Input Voltage**: 100 ~ 305 VAC
- **Input Frequency**: 50 Hz
- **Input Current**: 0.340 A
- **Power Factor**: > 0.96
- **Atd.**
- **CLASS C**
- **Efficiency**: >90%
- **Temperature Class**: T6
- **IP Standard**: IP 65
- **Total Weight**: 7 Kg
- **Starting Time**: Instant (0.2 Sec)
- **Light Spreading Angle**: 120°
- **Guarantee**: 3 Years on LED DRIVER
- **Guarantee**: 3 Years on COB LED
- **Guarantee**: 3 Years on FLUX/CCT/CTI

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### SPECIFICATIONS OF LED

**MAKE : CITIZEN JAPAN**

- **Model No**: CLU-03B-1210 V6
- **LED type / No of LED Lamp**: COB / Single
- **Total Lumen (As per simulation Tool)**: 9205
- **Lumen Efficacy (Lm/Watt)**: 134 lm/W @ 60°C LED Tc
- **Lumen Efficacy (Lm/Watt) (Incl. all loses)**: 122 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**: 68.7 W / 1850 mA / 37.1 V
- **Lamp Life**: 1,60,000 Hours Min.
- **Certifications / Reports**: LM80/Photo Bio. Test
- **Actual Tested Report**: Actual Operating test Report for 63,000 Hrs
- **Identification Method**: Unique Serial No. Printed on each Lamp

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### SPECIFICATIONS OF LED DRIVER

**MAKE - PYROTECH/ MEANWELL**

- **Model No**: PI-13D-S80AOW OR ELG-75-42
- **Type of Driver**: Constant Current
- **Input Voltage Range**: 145 - 280 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

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### 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**: 87°C
- **Case Temperature- Tc**: 60°C

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**Lux Distribution Curve**

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**Examples of Mounting**

- Pole Mounting
- Ceiling Mounting
- Side Wall Mounting

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**ORDERING CODE: SE75FLP-UN**

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