

### **IMPORTANT SAFEGUARDS**

LED EXPLOSION PROOF LIGHT Class I Division 2 Group A, B, C, D

# Warning!

- 1. To prevent the risk of electrical shock disconnect the power supply before installing or servicing the fixture.
- To reduce the risk of fire or explosion, do not install where the marked operating temperature exceeds the ignition temperature of the hazardous atmosphere.
- This fixture should be installed by qualified technicians in strict accordance with the national electrical code and any local requirements.
- 4. Please read the use and mounting instructions for this product carefully, and fully comply with the instructions provided.
- 5. Please follow the installation requirements required by the design standards listed below.
- 6. In the event that the installer fails to comply with the use and mounting guidelines, the undesired results that may occur will not be Jaykal's responsibility.
- 7. This product was designed to be utilized for use as general illumination when using explosion proof electrical fittings.
  - a) Design Standard: ANSI/UL844
  - b) Protection Class: Class I Division 2 Group A, B, C, D
  - c) Nomenclature

<u>JLS</u>	<u>68103</u>	<u>200</u>
Company Short Form	Product Type	Wattage

## **MAINTENANCE DATA**

- 1. Although no routine maintenance is required to keep this fixture functional, it should be checked periodically to ensure that it is working properly, and to inspect for any external damage.
- 2. For optimum performance, keep the fixtures lens clean. Any commercial glass cleaner can be used to clean the cover glass.
- 3. In the event of cover glass breakage, it will be necessary to replace the damaged unit.

## **OPERATIONAL DATA**

 Operate this fixture at its rated voltage (See fixture label for data). Do not install where the marked operating temperature exceeds the ignition temperature of the hazardous atmosphere.

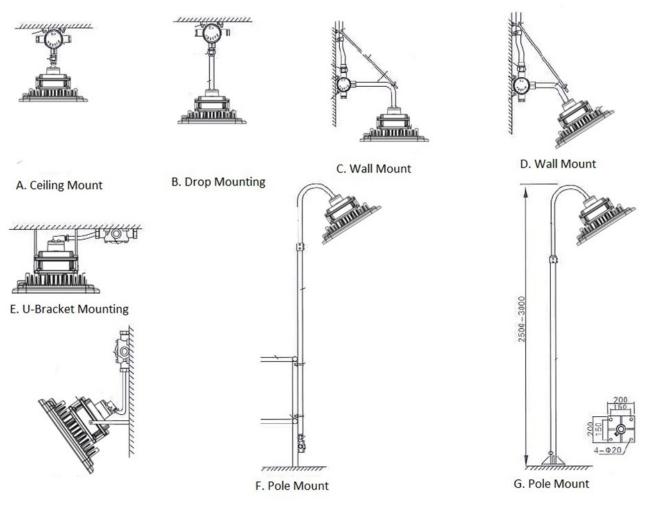
Name	Parameter	
Power Consumption	JLS68103-G200-EXP-AL: Max. 200W 2.1A /.8A	
	JLS68103-G100-EXP-AL: Max. 105W 1.06A /.5A	
	JLS68103-G100-EXP-AL: Max. 45W .43A /.23A	
Working Range	100-277VAC 50Hz/60Hz	
Intended Environment	Class 1 Division 2 Group A,B,C,D	
Temperature Class	JLS68103-G200-EXP-AL: T5 @ 25°C Ambient	
	JLS68103-G100-EXP-AL: T6 @ 25°C Ambient	
	JLS68103-G100-EXP-AL: T6 @ 25°C Ambient	
UL Number	E480387	

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Specifications are typical values and may change without notification



INSTALLATION



#### Notes:

\*U-bracket is included with the fixture.

\*Conduit connection: 3/4" NPT

\*Conduit and pole are not included with the fixture.

\*Installation must be conducted by a qualified electrician.

\*Conduits must be properly sealed.

All statements, technical information and recommendations contained herein are based on information and tests we believe to be reliable. The accuracy or completeness thereof is not guaranteed. In accordance with JLS "Terms and Conditions of Sale", and since conditions of use are outside our control, the purchaser should determine the suitability of the product for their intended use and assumes all risk and liability whatsoever in connection therewith.

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#### efficiency. illuminated.