



No. 2022-029546-01-2

# 안전인증서

## Certificate of Safety

**Qlight Co., Ltd.**

185-25, Mukban-ro Sangong-myeon, Gimhae-si, Gyeongsangnam-do, 50805, Rep. of Korea

The following product manufactured by the above company has been authorized for the use of safety certification mark as the product has satisfied the safety and health requirements under Article 84 of OCCUPATIONAL SAFETY AND HEALTH ACT and paragraph 1 of Article 110 of ENFORCEMENT ORDINANCE OF the same ACT.

### Electrical Equipment

Explosion proof LED light

### Model(Marking) / Certificate No.

QLEX-SLM-250(PL)(Ex d IIC T6) / 19-KA2BO-0062X

### Applied standards

Announcement No. 2016-54 of Ministry of Employment and Labor

### Conditions of Certification

**1. Manufacturing location(s):** This certificate is valid only for the specified products produced at '185-25, Mukban-ro Sangong-myeon, Gimhae-si, Gyeongsangnam-do, 50805, Rep. of Korea'.

### 2. Description of equipment

- This equipment is a flameproof type of luminaire made of polycarbonate and aluminum alloys.
- Rating: 24 Vdc, 0.37 A, 8.6 W
- Ambient Temperature:  $-40\text{ }^{\circ}\text{C} \leq T_a \leq +60\text{ }^{\circ}\text{C}$
- LED board: SZ5-M1-W0-00(Manufacturer: Seoul semiconductor)

**3. Scope of certification:** This certificate is only valid for model above.

### 4. Special conditions for safe use

- For information on the dimensions of the flameproof joints, the manufacturer shall be contacted.
- It shall be mounted in accordance with Clause 18 of Table 6 of announcement No. 2016-54 of the Ministry of Employment and Labor.
- This equipment is to be installed in a structure that does not cause fall because the risk of falling is not evaluated.

### 5. Details of certificate changes

- 1st revision(2019.09.17): Change of label from the No. 2019-003951-01-1.
- 2st revision(2019.12.24): Addition of internal earthing from the No. 2019-058149-01-1.

### 6. Details of the others

- Refer to the user manual.
- Routine Test: Each product shall be submitted successfully to a static overpressure test of 5218 kPa.
- Cable gland below should be used;
  - Manufacturer: Cooper Capri, model: ADE-1F2, No.4(silicone), size: M12xP1.5, Certification number: 15-AV4BO-0249
- Manufacturer shall take the responsibility including maintaining quality requirements for the certified products, receiving factory surveillance and informing any changes to the certified products.

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한국산업기술시험원

KOREA TESTING LABORATORY

