


No. 2014-BO-0470-1



Safety Certificate

QLIGHT CO., LTD.

185-25, Mukbang-ro, Sangdong-myeon, Gimhae-si, Gyeongsangnam-do, Korea

The following product produced by the above company has been authorized for the use of the Mark  as the product has satisfied the safety and health standards stipulated in the article 84 of Industrial Safety and Health Law.

PRODUCT

Warning Light and Electric Horn

TYPE · MODEL/CAPACITY · GRADE/CERTIFICATION No

TYPE · MODEL
SESAKC*

CAPACITY · GRADE

CERTIFICATION No.
14-AV2B0-0470X

Ex d IIC T6 IP66
 $-40^{\circ}\text{C} \leq T_a \leq 55^{\circ}\text{C}$

SAFETY CERTIFICATION STANDARDS

Notification No. 2013-54 of the Ministry of Employment and Labor

CERTIFICATION CONDITION

Refer to the backside

DATE : Oct. 15, 2021

Aug. 29, 2014 (Original issue)

Signature 

President of Korea Occupational Safety and Health Agency



Conditions of Certification

1. Manufacturing Location : 185-25, Mukbang-ro, Sangdong-myeon, Gimhae-si, Gyeongsangnam-do, Korea

2. Description of Equipment

This equipment with type of protection "d" is to be used in explosive gas atmosphere where can be classified as Zone 1 or Zone 2 hazardous area

3. The scope of this certificate :

| Code | Model | Power | Rated Voltage | Electric Current | Product type |
|---------|----------|-------|---------------|------------------|-------------------------|
| SESAKC* | SESAKC | 42 W | DC 12 V | 3.38 A | Bulb revolving |
| | | | DC 24 V | 1.61 A | |
| | | | AC 120 V | 0.30 A | |
| | | | AC 230 V | 0.18 A | |
| | SESAKCL | 35 W | DC 12 V | 2.26 A | LED flashing and steady |
| | | | DC 24 V | 1.10 A | |
| | | | AC 120 V | 0.09 A | |
| | | | AC 230 V | 0.15 A | |
| | SESAKCLR | 37 W | DC 12 V | 2.37 A | LED revolving |
| | | | DC 24 V | 1.16 A | |
| | | | AC 120 V | 0.28 A | |
| | | | AC 230 V | 0.16 A | |
| | SESAKCS | 41 W | DC 12 V | 2.64 A | Xenon Lamp strobe |
| | | | DC 24 V | 1.27 A | |
| | | | AC 120 V | 0.30 A | |
| | | | AC 230 V | 0.18 A | |

4. Conditions of certification

- It should be installed within the range of $-40\text{ }^{\circ}\text{C} \sim +55\text{ }^{\circ}\text{C}$ ambient temperature.
- The manufacturer should perform a routine test (overpressure test) for all products.
Light Globe Part: 1 658.33 kPa, Body Part: 1 263.6 kPa, Speaker Part: 1 330.52 kPa
- When replacing the flame arrester, be sure to replace it with the same one that was certified.
- When repairing the flameproof joint, be sure to refer to the manufacturer's drawing to prevent the flameproof joint from expanding.

5. Certification (change) information

- 2021.09.24. Addition of PF threads for cable entries, Change of size and material of the parts not affecting the type of protection.

6. Other details

- The manufacturer shall produce products that are same as the samples, submitted to the certification body.