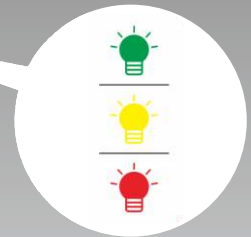
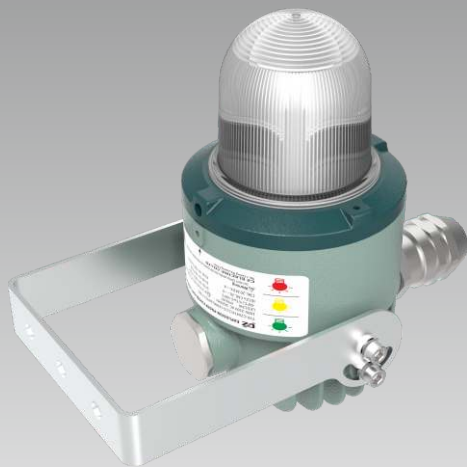


CZ6474/111S CZ6474/121B



B

Descriptions

The explosion-proof light fittings shell is made of aluminum alloy die-casting, and the surface is sprayed with pure epoxy resin powder, with good corrosion resistance. The transparent cover is made of tempered glass, plus a luminous cover, and the exposed fasteners are made of stainless steel. The explosion-proof lamp is equipped with flame-proof cable gland for direct entry. The unique heat insulation design inside is combined with the external high-density heat sink, heat dissipation effect for better. The explosion-proof light fittings is IIC LED explosion-proof warning lamp, which is not only suitable for explosive environment, but also suitable for petrochemical, chemical places and marine environment with strong corrosivity. The explosion-proof light fittings is equipped with two light-emitting types: constant on and flashing. There are built-in LED light sources of red, green and yellow colors. Other colors can also be customized according to user needs for equipment signal indication. In addition, it can realize the integrated signal indication of sound and visual by optional one or two explosion-proof buzzers. Explosion proof light fittings can be divided into flat type and bracket type.

- It is long life and maintenance-free which the service life is up to 50000 hours and the maintenance-free of long term.
- There is a feature of good electromagnetic compatibility and it does not cause interference to the system power grid.
- There is a good performance of vibration due to the LED is the solid-state light source.
- The highest flameproof level is IIC.
- It is convenient to be mounted and maintained.
- The degree of protection is up to IP66.
- International IECEx Approval, Europe union ATEX Approval.

Zone 1 and zone 2
Zone 21 and zone 22



Main technical data

Certification	Ex mark	Meet the standard
China	Ex db IIC T6/T5 Gb Without buzzer Ex db ib IIC T6/T5 Gb With buzzer Ex tb IIIC T80°C/T95°C Db	GB/T3836
IECEX	Ex db IIC T6/T5 Gb Without buzzer Ex db ib IIC T6/T5 Gb With buzzer Ex tb IIIC T80°C/T95°C Db	IEC60079
ATEX	⊕ II 2G Ex db IIC T6/T5 Gb Without buzzer Ex db ib IIC T6/T5 Gb With buzzer ⊕ II 2D Ex tb IIIC T80°C/T95°C Db	EN60079

Intended use: Can be used in zone 1 and zone 2

Can be used in zone 21 and zone 22

Degree of protection: IP66

Rated voltage: 20 ~ 40V DC / 20 ~ 28V AC 50/60Hz

20 ~ 40V DC / 24 ~ 28V AC 50/60Hz (With Buzzer)

127~ 250V DC / 100 ~ 250V AC 50/60Hz

Light source: LED

Power/Luminous flux: 5W/50lm

Power factor: > 0.98

Ambient temperature: -60°C/-40°C≤Ta≤+40°C/55°C

(-60°C lamp electrical equipment need to be customized)

Emitting light color: red, green, yellow (Standard) , other color optional

Rated sound pressure: 80dB (at 30cm)

Stroboscopic frequency: 60 times /min

Terminal: Terminal 2.5mm² , PE terminal: 2×10mm²

Cable entry: CZ6474/111S: 4-M25×1.5

CZ6474/121B: 2-M25×1.5

B

Order specifications

Illustration	Buzzer	Temperature class*		(kg) Weight	Order No.
		Ta≤40°C	Ta≤55°C		
	Without buzzer	T6	T5	1.63	CZ6474/111S-LEDRGY05W-□□-□-□-DA5
		T6	T5	1.73	CZ6474/121B-LEDRGY05W-□□-□-□-DA1
	With one buzzer	T6	T5	1.73	CZ6474/111S-LEDRGY05W-□□-□-□-1B-DA3
		T6	T5	1.83	CZ6474/121B-LEDRGY05W-□□-□-□-1B-DA0
	With two buzzers	T6	T5	1.83	CZ6474/111S-LEDRGY05W-□□-□-□-2B-DA1

R,G,Y— Red,Green,Yellow

← Emitting light color

07—20 ~ 40V DC/14 ~ 28V AC 50/60Hz

17—127~ 250V DC/100 ~ 250V AC 50/60Hz

← Rated voltage/frequency

4 — -40°C≤Ta≤+40°C/+55°C

6 — -60°C≤Ta≤+40°C/+55°C

← Ambient temperature

L—Constant ON

F—Flashing

← The lighting form

1B—One buzzer

2B—Two buzzers

← Buzzer (Optional)

Code of cable gland see page B/17 ←

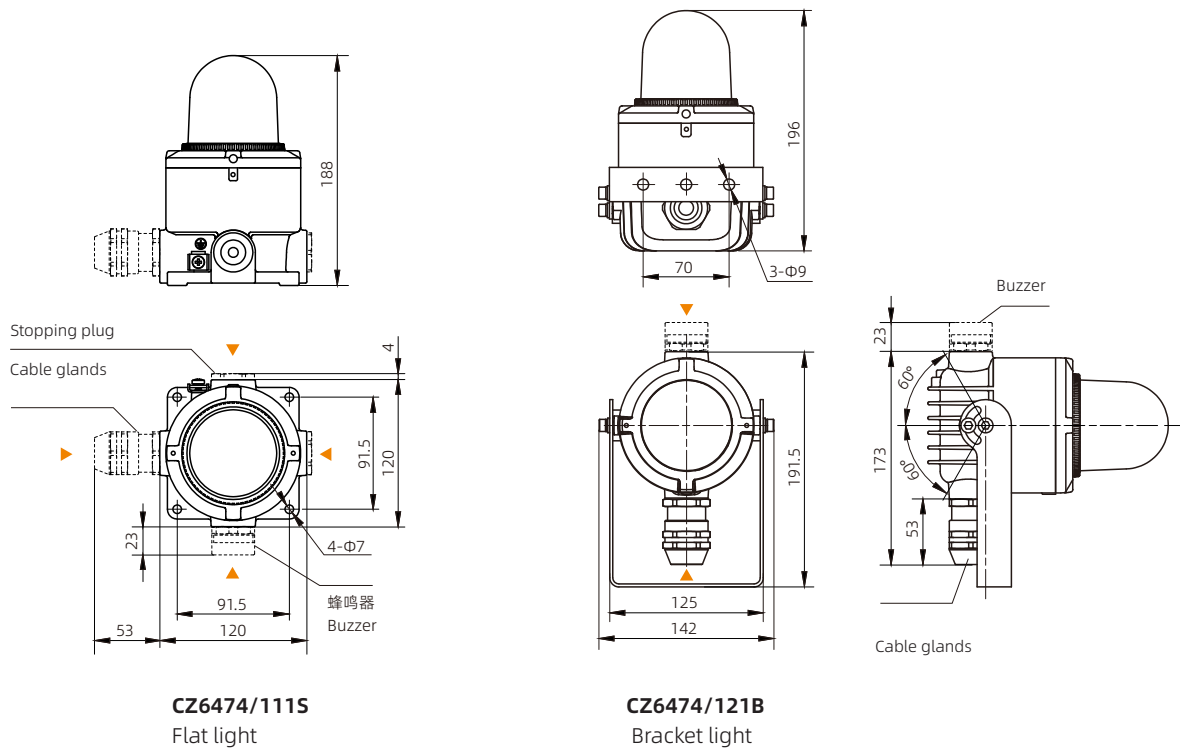


Code of cable gland

CZ6474/111S Without buzzer		
Code	Specification	Cable diameter
DA5	One brass CZ1725/1A M25×1.5 cable gland, three CZ1725/3A M25×1.5 stopping plugs	Φ12-19mm
DA6	Two brass CZ1725/1A M25×1.5 cable glands, two CZ1725/3A M25×1.5 stopping plugs	Φ12-19mm
CZ6474/111S With one buzzer		
DA3	One brass CZ1725/1A M25×1.5 cable gland, two CZ1725/3A M25×1.5 stopping plugs	Φ12-19mm
DA4	Two brass CZ1725/1A M25×1.5 cable glands, one CZ1725/3A M25×1.5 stopping plug	Φ12-19mm
CZ6474/111S With two buzzers, CZ6474/121B Without buzzer		
DA1	One brass CZ1725/1A M25×1.5 cable gland, one CZ1725/3A M25×1.5 stopping plug	Φ12-19mm
DA2	Two brass CZ1725/1A M25×1.5 cable glands	Φ12-19mm
CZ6474/121B With one buzzer		
DA0	One brass CZ1725/1A M25×1.5 cable gland	Φ12-19mm

Outline dimensions

Unit: mm



► Cable entry