



描述

防爆灯外壳由铝合金压铸成型，表面喷涂纯环氧树脂粉末，抗腐蚀性能好。透明罩采用硼硅酸盐钢化玻璃，外露紧固件采用不锈钢材料。防爆灯的接线盒侧面进线，适用于橡胶套和铠装电缆布线，内部接线端子选用菲尼克斯国际认证笼式端子，便于接线。防爆灯具内部独特的隔热设计与外部高密度的散热片相结合散热效果更佳。防爆灯内装有LED光源和稳压电源。能满足石化、化学和海上工业照明的相关要求。

防爆灯可分为支架灯、平台灯和墙壁灯。

防爆支架灯安装形式可分为吸顶式、吸壁式、吊链式。

防爆平台灯C-90 安装形式可分为平台护栏式、平台法兰式两种。

防爆平台灯D-25 安装形式可分为平台护栏式、平台法兰式两种。

Descriptions:

The enclosures of explosion-proof light fittings are manufactured of die-cast aluminum alloy, with epoxy resin powder sprayed on the surfaces. Therefore, they have good anti-corrosion performance. The transparent shield is made by the toughened glass of borosilicate, and the exposed fasteners are made of stainless steel. Explosion-proof light fitting's terminal box side entry, is suitable for rubber-coated and the armored cable wiring. The internationally certified PHOENIX cage type terminals are selected as the internal terminals, which are convenient for wiring. The unique heat insulation design united with the exterior high density radiator in the explosion-proof light fitting to cause the radiation effect will be better. The LED light source and stabilized voltage supply is supplied inside. It can satisfy the related requirements of illumination in petrochemical, chemical and marine industries.

Explosion-proof light fittings can be sorted as: bracket lamp, platform lamp and wall lamp.

Explosion-proof bracket type lamps can be sorted as: ceiling type, wall sunction type and chain type.

The mounting ways of the explosion-proof platform light fittings C-90 are fence type and platform flange type.

The mounting ways of the explosion-proof platform light fittings D-25 are fence type and platform flange type.

- 节能环保，耗电仅为相同亮度白炽灯的19%
- 长寿命免维护，使用寿命长达50000小时，可实现长期免维护
- 具有良好的电磁兼容性，不会对系统电网造成干扰
- 电压波动无影响，可工作在AC100 ~ 240V宽电压范围内
- LED属于固态光源，抗震性能佳
- 隔爆最高等级IIC级
- 安装维护方便
- 防护等级高达IP66
- IECEx 国际认证，ATEX 欧洲认证

- It is energy-saving and environmental protection which the power consumption is only 19% of the same brightness of incandescent lamp.
- 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.
- It is not influenced by the voltage fluctuations and can be operated in the wide voltage range of AC100 ~ 240V.
- There is a good performance of vibration due to the LED is the solid-state light source.
- The highest class of flameproof is up to II C.
- It is convenient to be mounted and maintained.
- The degree of protection is up to IP 66.
- International IECEx Approval, Europe union ATEX Approval.

1 区和 2 区

21 区和 22 区

Zone 1 and zone 2

Zone 21 and zone 22

产品特点 Product characteristics:



国际认证笼式接线端子，更方便接线

It is easier to be wired by cage type terminal which is certified internationally.



防爆平台灯头安装 C-90

Explosion-proof platform light fittings C-90



支架灯，吸顶式安装

Bracket type lamps for ceiling mounting



支架灯，支架安装，多个角度可调节

Bracket type lamps with bracket multiple angle adjustment



支架灯，吊链式安装

Explosion-proof bracket type lamps with chain



墙壁灯安装

Wall type lamp

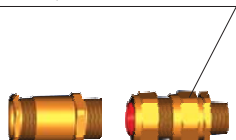


防爆平台灯头安装 D-25

Explosion-proof platform light fittings D-25

多种电缆引入装置 Many kinds of cable glands:

CZ0226 增安型电缆密封套(填料函)
CZ0226 Increased safety cable glands
(stopping boxes)



CZ0220 塑制电缆密封套

CZ0220 Moulded plastic cable glands



CZ0223 塑制空塞堵头

CZ0223 Moulded plastic stopping plugs

CZ0227 金属电缆密封套

CZ0227 Increased safety metal cable glands

主要数据 Main technical data:

认证 Certification	防爆标志 Ex mark	符合标准 Meet the standard
China: CNEx14.0588 (CZ0873/1) CNEx14.0613 (CZ0874/1)	Ex de II C T6 DIP A21 TA,T6	GB3836 GB12476
IECEX: IECEX CQM13.0025X	Ex de II C T6 Gb Ex tb III C T80°C Db	IEC60079
ATEX: TÜV14 ATEX7580X	Ex de II C T6 Gb Ex tb III C T80°C Db	EN60079

适用范围: 用于 1 区和 2 区 用于 21 区和 22 区

防护等级: IP66

额定电压: 100 ~ 240V AC 50/60Hz

光源 / 色温: LED / 5700K

显色性 (CRT): 70

功率因素: >0.98

使用环境温度: -20°C to +40°C / +55°C

-40°C to +40°C / +55°C

 接线端子: L1、N 茺式端子 2-2.5mm², PE 端子 2 10mm²

电缆入口: B—支架灯 (标配):

塑制 1 M25 1.5, 电缆外径: Φ8-17mm

塑制 1 M25 1.5 空塞堵头

C—平台灯 90 (标配)

D—平台灯 25

塑制 1 M25 1.5, 电缆外径: Φ8-17mm

E—墙壁灯 (标配):

塑制 1 M25 1.5, 电缆外径: Φ8-17mm

塑制 3 M25 1.5 空塞堵头

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: 100 ~ 240V AC 50/60Hz

Light source / colour temperature: LED / 5700K

Color rendering (CRT): 70

Power factor: >0.98

Ambient temperature: -20°C to +40°C / +55°C

-40°C to +40°C / +55°C

 Terminal: L1, N cage type terminal 2-2.5mm², PE terminal: 2 10mm²

Cable entry: B—Bracket type lamp (Standard configuration)

Moulded plastic 1 M25 1.5, Outside diameter: Φ8-17mm

Moulded plastic 1 M25 1.5 stopping plug

C—Platform type lamp 90 (Standard configuration)

D—Platform type lamp 25

Moulded plastic 1 M25 1.5, Outside diameter: Φ8-17mm

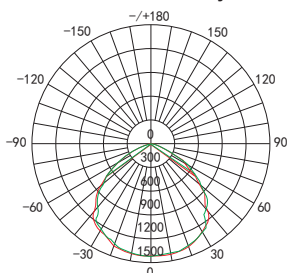
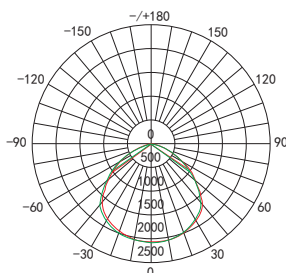
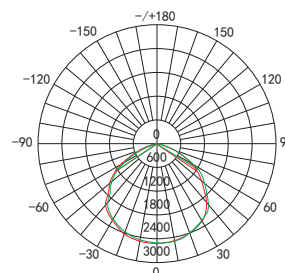
E—Wall type lamp (Standard configuration)

Moulded plastic 1 M25 1.5, Outside diameter: Φ8-17mm

Moulded plastic 3 M25 1.5 stopping plug

订购规格 Order specifications:

图样 Illustration	光源代号 Light source code	功率 Power	光通量 Luminous flux	温度组别T* Temperature class* Ta≤55°C	重量 Weight	订购号 Order No.
   	LED 灯 LED lamp	30W	3683 lm	T6	5.42kg	CZ0873/1□-LED30W-□-B+□
	LED 灯 LED lamp	45W	5529 lm	T6	5.5kg	CZ0874/1□-LED45W-□-B+□
		60W	6755 lm	T6	5.55kg	CZ0874/1□-LED60W-□-B+□
	灯具安装形式 The mounting ways of the light fittings B—支架灯 B—Bracket type lamp C—平台灯 90 C—Platform type lamp 90 D—平台灯 25 D—Platform type lamp 25 E—墙壁灯 E—Wall type lamp 使用环境温度 Ambient temperature 2 — -20°C to +40°C / +55°C 4 — -40°C to +40°C / +55°C 电缆引入装置编码详见 74 页 Code of cable gland see page 74 安装附件订购号 (不配不注) 附件见 74 页 Order No. of mounting accessories (No matching not noted), see page 74					

配光曲线 Luminous intensity distribution curve: 光强单位 luminous intensity unit: cd / Lm

 平均光束角 (50%): 108.1
 The average beam angle (50%): 108.1
 CZ0873/1B-LED30W

 平均光束角 (50%): 109.0
 The average beam angle (50%): 109.0
 CZ0874/1B-LED45W

 平均光束角 (50%): 112.7
 The average beam angle (50%): 112.7
 CZ0874/1B-LED60W

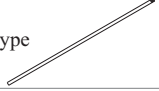
电缆密封套引入编码 Code of cable gland

B—支架灯电缆密封套编码 B—Code of cable gland for bracket type lamp		
编码 Code	规格 Specification	电缆直径 Cable diameter
B	塑制 1 个 M25 1.5 电缆密封套, 塑制 1 个 M25 1.5 空塞堵头 One moulded plastic M25 1.5 cable gland, one moulded plastic M25 1.5 stopping plug	Φ8-17mm
C	铜制 1 个 CZ0221/M25 1.5 金属电缆密封套, 塑制 1 个 M25 1.5 空塞堵头 One brass CZ0221/M25 1.5 metal cable gland, one moulded plastic M25 1.5 stopping plug	Φ8-17mm
D	塑制 2 个 M25 1.5 电缆密封套 Two moulded plastic M25 1.5 cable glands	Φ8-17mm
E	铜制 2 个 CZ0221/M25 1.5 金属电缆密封套 Two brass CZ0221/M25 1.5 metal cable glands	Φ8-17mm
F	铜制 1 个 CZ0227/M25 1.5-G ³ / ₄ " 增安型金属电缆密封套, 塑制 1 个 M25 1.5 空塞堵头 One brass CZ0227/M25 1.5-G ³ / ₄ " increased safety metal cable gland, one moulded plastic M25 1.5 stopping plug	Φ11-15mm
G	铜制 2 个 CZ0227/M25 1.5-G ³ / ₄ " 增安型金属电缆密封套 Two brass CZ0227/M25 1.5-G ³ / ₄ " increased safety metal cable glands	Φ11-15mm
H	铜制 1 个 CZ0226/M25 1.5-(G02) 增安型金属电缆密封套(填料函), 塑制 1 个 M25 1.5 空塞堵头 One brass CZ0226/M25 1.5-(G02) increased safety metal cable gland (stopping boxes), one moulded plastic M25 1.5 stopping plug	Φ11.5-16mm
I	铜制 2 个 CZ0226/M25 1.5-(G02) 增安型金属电缆密封套(填料函) Two brass CZ0226/M25 1.5-G02 increased safety metal cable glands (stopping boxes)	Φ11.5-16mm
E—墙壁灯电缆密封套编码 E—Code of cable gland for wall typelamp		
13	塑制 1 个 M25 1.5 电缆密封套, 塑制 3 个 M25 1.5 空塞堵头 One moulded plastic M25 1.5 cable gland, three moulded plastic M25 1.5 stopping plugs.	Φ8-17mm
22	塑制 2 个 M25 1.5 电缆密封套, 塑制 2 个 M25 1.5 空塞堵头 Two moulded plastic M25 1.5 cable glands, two moulded plastic M25 1.5 stopping plugs.	Φ8-17mm
31	塑制 3 个 M25 1.5 电缆密封套, 塑制 1 个 M25 1.5 空塞堵头 Three moulded plastic M25 1.5 cable glands, one moulded plastic M25 1.5 stopping plug.	Φ8-17mm
40	塑制 4 个 M25 1.5 电缆密封套 Four moulded plastic M25 1.5 cable glands	Φ8-17mm
04	塑制 4 个 M25 1.5 空塞堵头 Four moulded plastic M25 1.5 stopping plugs.	
注: 如配金属电缆密封套, 在编码后注明。 Note: If metal cable gland is required, pls note after code.		

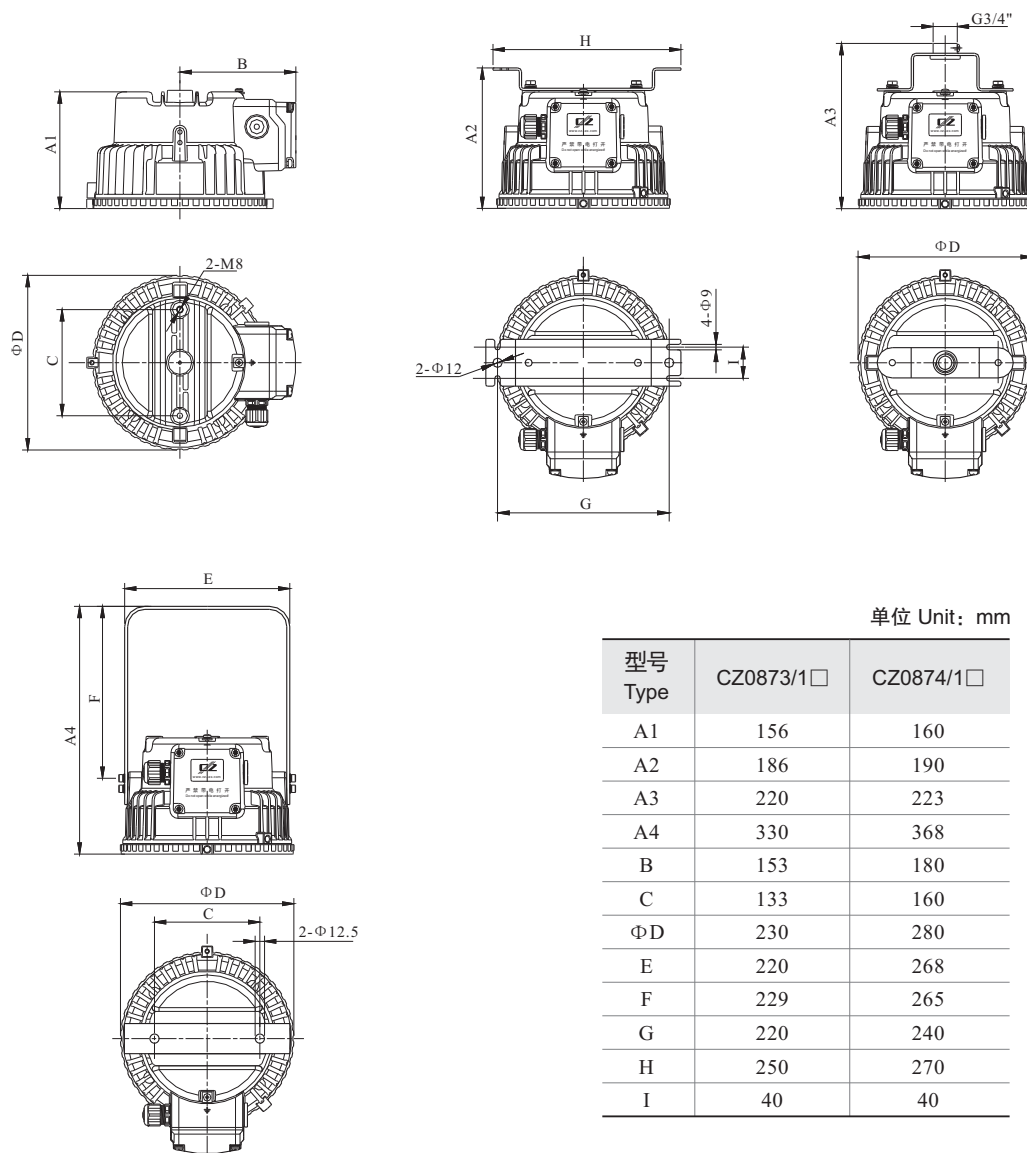
注: C、D—平台灯电缆密封套已标配, 不需再标注。

Note: Cable gland for platform type lamp C, D is equipped, no need to be mentioned.

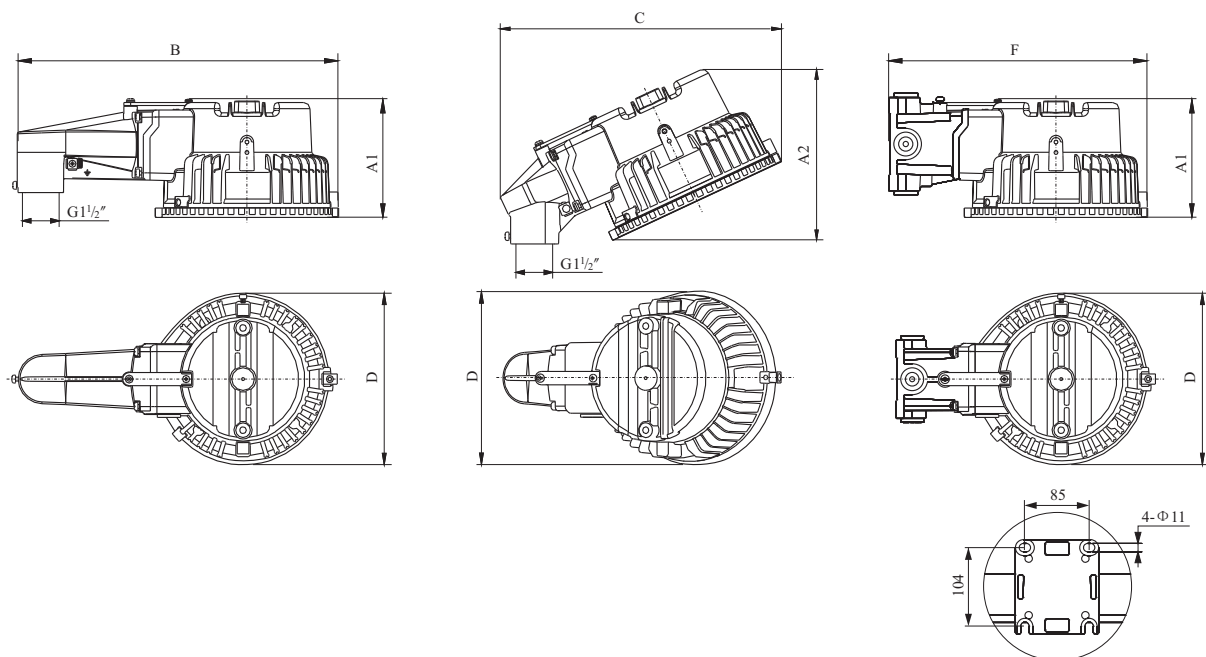
安装附件 Mounting accessories:

图 样 Illustration	描 述 Descriptions	单位 Unit	订购号 Order No.
吸顶支架 Ceiling bracket 	支架灯附件, 用于CZ0873/1 Accessories for bracket type lamp, for CZ0873/1	套 Set	D8722/1
	支架灯附件, 用于CZ0874/1 Accessories for bracket type lamp, for CZ0874/1	套 Set	D8722/2
安装支架 Mounting bracket 	支架灯附件, 用于CZ0873/1 Accessories for bracket type lamp, for CZ0873/1	套 Set	D8701/1
	支架灯附件, 用于CZ0874/1 Accessories for bracket type lamp, for CZ0874/1	套 Set	D8701/2
吊式安装支架 Mounting bracket of pendant type 	支架灯附件, 用于CZ0873/1 Accessories for bracket type lamp, for CZ0873/1	套 Set	D8702/1
	支架灯附件, 用于CZ0874/1 Accessories for bracket type lamp, for CZ0874/1	套 Set	D8702/2
G3/4"-300mm直管 Straight pipe 	支架灯附件, 材料为镀锌钢管, 表面喷塑 Accessories for bracket type, galvanized steel pipe material and powder coated surface	套 Set	D732
吊链(500mm) Chain type accessories 	支架灯附件, M8螺钉, 材料为钢制表面镀锌处理 Accessories for bracket type lamp, M8 bolt, made from steel with zinc-coated surface	套 Set	D623
护栏式灯杆 Lamp pole of fence type 	平台灯附件, G1 ¹ / ₂ "镀锌钢管表面喷塑。 Accessories for platform type lamp, G1 ¹ / ₂ " galvanized steel pipe material and powder coated surface	套 Set	D8725
法兰式灯杆 Lamp pole of flange type 	平台灯附件, G1 ¹ / ₂ "镀锌钢管表面喷塑。 Accessories for platform type lamp, G1 ¹ / ₂ " galvanized steel pipe material and powder coated surface	套 Set	D8726

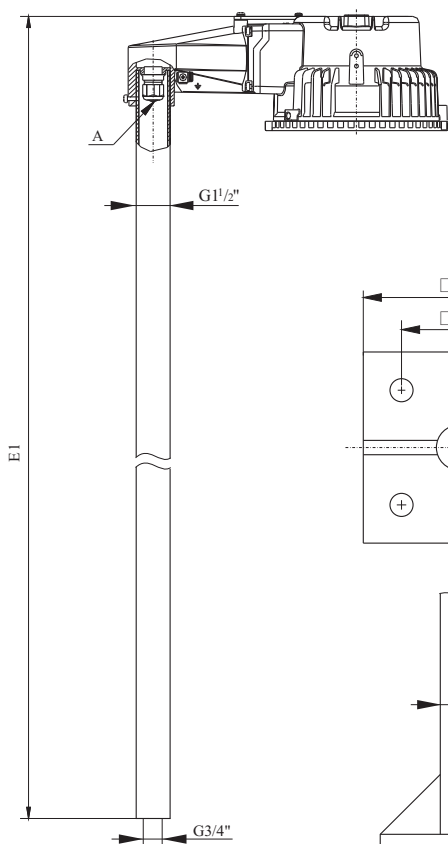
外形及安装尺寸 Outline and installation dimensions:



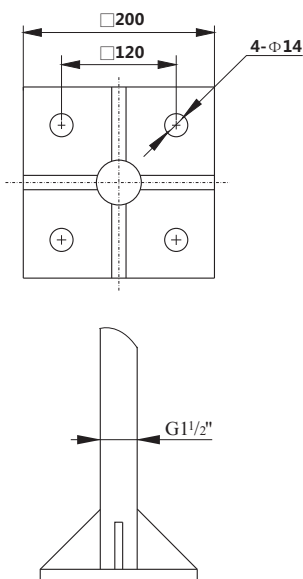
● 外形及安装尺寸 Outline and installation dimensions:



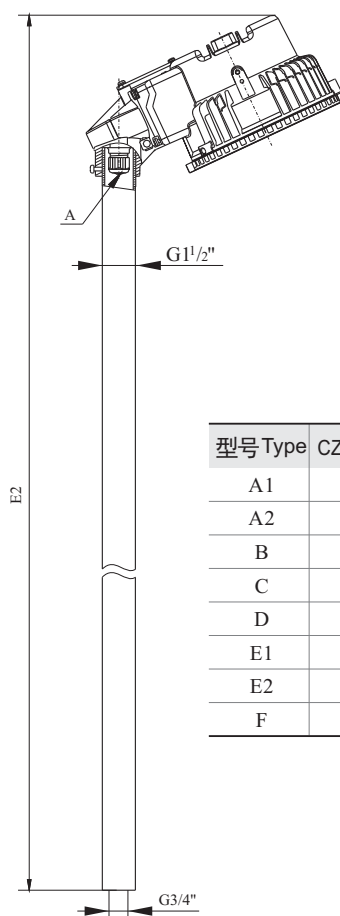
A 处表示内装M25塑料电缆密封套
A represents a built-in moulded plastic M25 cable gland.



C — 灯头安装90° 护栏式安装
C — Lamp cap mounted in the angle of 90° Fence type



法兰式安装
Flange type



D — 灯头安装25° 护栏式安装
D — Lamp cap mounted in the angle of 25° Fence type

单位 Unit: mm

型号 Type	CZ0873/1□	CZ0874/1□
A1	156	160
A2	225	253
B	435	485
C	370	415
D	230	280
E1	2470	2470
E2	2590	2620
F	272	377