

CZ1371 / 1372


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描述 Descriptions

防爆（应急）LED 条形灯壳体由碳钢或 304/316L 不锈钢成型，透明罩采用钢化玻璃，其稳定性及机械强度高，具有良好的防护能力。壳体与透明罩间设有发泡硅橡胶密封圈，密封结构为多层压缩接触，保证外壳防护高达IP66。

防爆LED 条形灯采用模块化设计，带有机械联锁装置，可选配防爆行程开关、防爆熔断器。选配行程开关时，实现开盖断电功能，内装 LED光源模块、电源模块，安装、维修和更换方便快捷。

防爆应急LED 条形灯，配置应急照明电源模块、电池模块，实现应急照明功能，内置机械联锁开关，实现开盖断电功能。

防爆LED 条形灯通过调光控制系统对灯具的照明需求进行改变，达到绿色节能照明。

- 灯具安装附件可选：可调式支架和嵌入式支架。
- 设有联锁机构，透明罩与壳体没有完全闭合密封时不能通电工作，确保使用安全。
- 应急照明设有故障信号指示、充电信号指示、放电信号指示。
- LED光源模块有两种光学设计，发光角度分别为55°和110°。
- LED电源模块有过温保护、过压保护、短路保护功能。
- 防护等级高达IP66。
- IECEx 国际认证，ATEX 欧洲认证。
- 可定制高光效光源，光效≥135lm/W（符合中国一级能效标准）
- LED条形灯具备0-10V可调光。

Explosion-proof (emergency) LED linear light fittings are manufactured by either carbon steel, or S304/316L stainless steel and the transparent parts are manufactured by toughened glass. They have good protection ability due to its high stability and high mechanical strength. There is a foamed silicone rubber sealing ring between the shell and the transparent cover, and the sealing structure is multi-layer compression to ensure that the protection of the shell is up to IP66.

The explosion-proof LED linear light adopts a modular design, with a mechanical interlock device, and an explosion-proof limit switch and an explosion-proof fuse are optional. When the limit switch is selected, the function of opening the cover and power off is realized, and the LED light source module and power module are built-in, which is convenient and quick to install, maintain and replace.

Explosion-proof emergency LED linear light, equipped with emergency lighting power module and battery module to realize emergency lighting function, built-in mechanical interlock switch, realize the function of opening the cover and power off.

Explosion-proof LED Linear lights change the lighting requirements of the lamps through the dimming control system to achieve green energy-saving lighting.

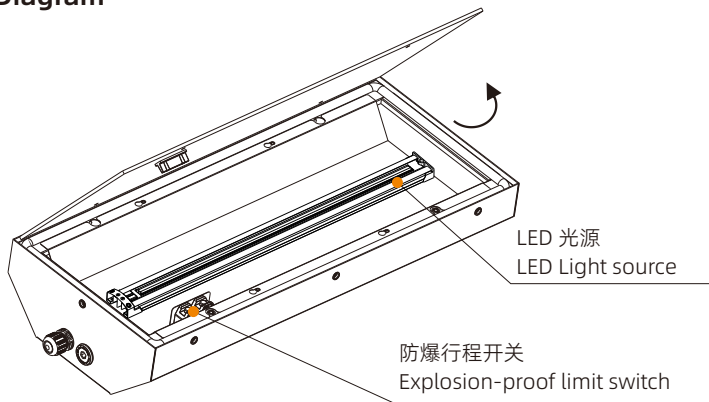
- Available in adjustable bracket or recessed type mounting bracket.
- With an interlocking mechanism, when the transparent cover and the shell are not completely closed and sealed, they cannot be energized to work to ensure safe use.
- Emergency versions have indicator indicating fault if there is, charging and discharging.
- The LED light source module has two optical designs, and the light-emitting angles are 55° and 110°.
- The LED power module has the functions of over temperature protection, over voltage protection and short circuit protection.
- Degree of protection up to IP66.
- IECEx and ATEX certified.
- Customizable high-efficiency light source, light efficiency ≥ 135lm/W (in line with China's first-class energy efficiency standard.)
- LED Linear light with 0-10V dimmable light.

2 区

21 区和 22 区

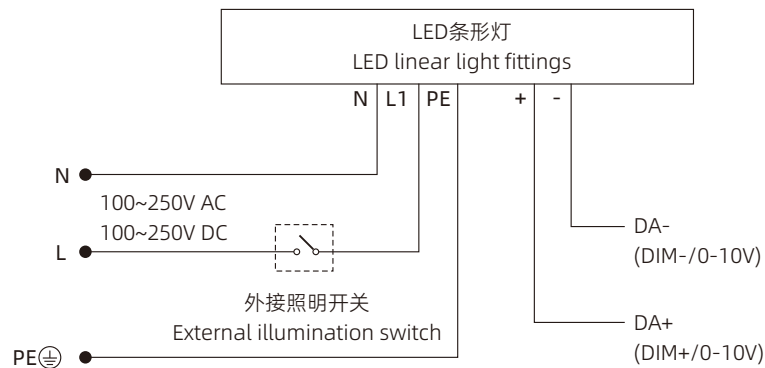
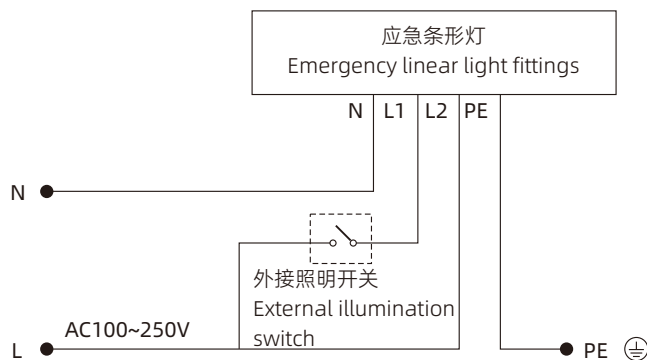
Zone 2

Zone 21 and zone 22

示意图 Diagram


灯具设有机械联锁压紧装置和自动断电功能。打开玻璃罩时，自动切断正常照明和应急电源；闭合时，锁紧密封和自动送电。

The light fittings have functions such as mechanical interlocking compaction device and automatic power off ,which the power of normal illumination and emergency illumination can be switched off when the mechanical interlocking device is unlocked by glass cover, and contrariwise, the mechanical interlocking can be locked up to be closed and power would be automatically switched on when the mechanical interlocking device is locked by such glass cover.

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灯具安装线路图 Wiring diagram for light fittings

应急灯具安装线路图 wiring diagram for emergency light fittings


主要数据 Main technical data

认证 Certification	防爆标志 Ex mark	符合标准 Meet the standard
China	Ex ec II C T5/T4 Gc Ex tb IIIC T80°C Db Ex db ec II C T5/T4 Gc Ex tb IIIC T80°C Db 配置行程开关 With limit switch Ex db ec mb II C T5/T4 Gc Ex tb IIIC T80°C Db 配置行程开关和熔断器 With limit switch and fuse	GB/T3836
IECEX	Ex ec II C T5/T4 Gc Ex tb IIIC T80°C Db Ex db ec II C T5/T4 Gc Ex tb IIIC T80°C Db 配置行程开关 With limit switch Ex db ec mb II C T5/T4 Gc Ex tb IIIC T80°C Db 配置行程开关和熔断器 With limit switch and fuse	IEC60079
ATEX	Ⓜ II 3G2D Ex ec II C T5/T4 Gc Ex tb IIIC T80°C Db Ⓜ II 3G2D Ex db ec II C T5/T4 Gc Ex tb IIIC T80°C Db 配置行程开关 With limit switch Ⓜ II 3G2D Ex db ec mb II C T5/T4 Gc Ex tb IIIC T80°C Db 配置行程开关和熔断器 With limit switch and fuse	EN60079

适用范围：用于 2 区，用于 21 区和 22 区

使用环境温度：-40°C ≤ Ta ≤ +40°C (T5)

-40°C ≤ Ta ≤ +55°C (T4)

防护等级：IP66 (IP64 配呼吸阀 CZ0527)

额定电压：AC 100 ~ 250V 50/60Hz、DC 100 ~ 250V

色温：标配5000K，(可选3000K、4000K、6500K)

显色指数：Ra ≥ 80

功率因数：λ > 0.9

适用安装高度：宽光型：≤ 3m；窄光型：3 ~ 6m

 接线端子：L1、L2、L、N、PE，每个端子 2×1.5-10mm²

电气配置：可选防爆行程开关、防爆熔断器

电缆入口：标配M25 (可选M20)

塑制 1-M25×1.5，电缆外径：Φ9-17mm

塑制 2-M25×1.5 空塞堵头

符合：CE 2460

Intended use: Can be used in zone 2, zone 21 and zone 22

Ambient temperature use: -40°C ≤ Ta ≤ +40°C (T5)

-40°C ≤ Ta ≤ +55°C (T4)

Degree of protection: IP66 (IP64 with breather CZ0527)

Rated voltage: AC 100 ~ 250V 50/60Hz、DC 100 ~ 250V

Colour temperature: Standard 5000K, (Optional 3000K, 4000K, 6500K)

Color rendering index: Ra ≥ 80

Power factor: λ > 0.9

Applicable installation height: Wide beam: ≤ 3m, Narrow beam: 3 ~ 6m

 Terminals: L1, L2, L, N, PE, each terminal 2×1.5-10mm²

 Electrical configuration: Optional Explosion-proof limit switch
 Explosion-proof fuse


Cable entry: Standard M25 (Optional M20)

Moulded plastic 1-M25×1.5 cable gland, outside diameter of cable: Φ9-17mm

Moulded plastic 2-M25×1.5 stopping plugs

Conformity to: CE 2460

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订购规格 Order specifications

图样 Illustration	配光 Light distribution	光源功率 Power of light source	光通量 Luminous flux	重量(kg) Weight	订购号 Order No.
	宽光型 Wide beam	1×LED 26W	2915 lm	8.1	CZ1371/□-LED0026WWB5B-17-□-B2+□
		2×LED 26W	5988 lm	14.9	CZ1372/□-LED2026WWB5B-17-□-B2+□
	窄光型 Narrow beam	1×LED 26W	2704 lm	8.1	CZ1371/□-LED0026WNB5B-17-□-B2+□
		2×LED 26W	5524 lm	14.9	CZ1372/□-LED2026WNB5B-17-□-B2+□

23: 碳钢 (表面喷涂白色塑粉)

Carbon steel (Surface white plastic powder coated)

40: 304 不锈钢 (表面拉丝处理)

stainless steel (Surface brushed treatment)

60: 316L 不锈钢 (表面拉丝处理)

stainless steel (Surface brushed treatment)

 外壳材料
 Material of
 enclosure

3-3000K **4**-4000K

5-5000K **6**-6500K

色温 Colour temperature

K: 防爆行程开关模块

Explosion-proof limit switch module

KF: 防爆行程开关模块、防爆熔断器模块

Explosion-proof limit switch module, Explosion-proof fuse module

不配不注 Optional

电缆引入装置编码详见 D/41 页 Code of cable gland see page D/41

安装附件订购号 (不配不注) 见 D/43 页

Order No. of mounting accessories (Optional), see page D/43

主要数据 Main technical data

认证 Certification	防爆标志 Ex mark	符合标准 Meet the standard
China	Ex db ec mb II C T5/T4 Gb Ex tb IIIC T80°C Db	GB/T3836
IECEX	Ex db ec mb II C T5/T4 Gb Ex tb IIIC T80°C Db	IEC60079
ATEX	Ⓔ II 3G2D Ex db ec mb II C T5/T4 Gb Ex tb IIIC T80°C Db	EN60079

适用范围: 用于 2 区 用于 21 区和 22 区 使用环境温度: -40°C ≤ Ta ≤ +40°C (T5) -40°C ≤ Ta ≤ +55°C (T4) 防护等级: IP66 额定电压: AC 100 ~ 250V 50/60Hz、DC 100 ~ 250V 色温: 标配5000K, (可选3000K、4000K、6500K) 显色指数: Ra ≥ 80 功率因数: λ > 0.9 充电时间: 24 h 电池充电环境温度: 0°C ~ +55°C 电池放电环境温度: -20°C ~ +70°C 应急启动时间: 0.1 (S) 应急照明时间: > 180 (min) 适用安装高度: 宽光型: ≤ 3m; 窄光型: 3 ~ 6m 接线端子: L1、L2、L、N、PE, 每个端子 2×1.5-10mm ² 电气配置: 标配防爆行程开关 (可选防爆熔断器) 电缆入口: 标配M25 (可选M20) 塑制 1-M25×1.5, 电缆外径: Φ9-17mm 塑制 2-M25×1.5 空塞堵头 符合: CE 2460	Intended use: Can be used in zone 2 Can be used in zone 21 and zone 22 Ambient temperature use: -40°C ≤ Ta ≤ +40°C (T5) -40°C ≤ Ta ≤ +55°C (T4) Degree of protection: IP66 Rated voltage: AC 100 ~ 250V 50/60Hz、DC 100 ~ 250V Colour temperature: Standard 5000K, (Optional 3000K, 4000K, 6500K) Color rendering index: Ra ≥ 80 Power factor: λ > 0.9 Recharging time: 24 h Battery charging ambient temperature: 0°C ~ +55°C Battery discharge ambient temperature: -20°C ~ +70°C Emergency starting time: 0.1 (S) Emergency illuminating time: > 180 (min) Applicable installation height: Wide beam: ≤ 3m, Narrow beam: 3 ~ 6m Terminals: L1, L2, L, N, PE, each terminal 2×1.5-10mm ² Electrical configuration: Standard explosion-proof limit switch (Optional explosion-proof fuse) Cable entry: Standard M25 (Optional M20) Moulded plastic 1-M25×1.5 cable gland, outside diameter of cable: Φ9-17mm Moulded plastic 2-M25×1.5 stopping plugs Conformity to: CE 2460
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订购规格 Order specifications

图样 Illustration	配光 Light distribution	光源功率 Power of light source	光通量 Luminous flux		重量(kg) Weight	订购号 Order No.
			正常照明 Normal illumination	应急照明 Emergency illumination		
	宽光型 Wide beam	1×LED 26W	2915lm	784lm	9.0	CZ1371/□-LED0026WWB5B-17-M-K□-B2+□
		2×LED 26W	6009lm	1155lm	16.6	CZ1372/□-LED2026WWB5B-17-M-K□-B2+□
	窄光型 Narrow beam	1×LED 26W	2704lm	728lm	9.0	CZ1371/□-LED0026WNB5B-17-M-K□-B2+□
		2×LED 26W	5613lm	1079lm	16.6	CZ1372/□-LED2026WNB5B-17-M-K□-B2+□

23: 碳钢 (表面喷涂白色塑粉)
 Carbon steel (Surface white plastic powder coated)

40: 304 不锈钢 (表面拉丝处理)
 stainless steel (Surface brushed treatment)

60: 316L 不锈钢 (表面拉丝处理)
 stainless steel (Surface brushed treatment)

外壳材料 Material of enclosure

3-3000K 4-4000K 5-5000K 6-6500K ← 色温 Colour temperature

M-持续型 Maintained ← 应急型式 Type of emergency

F: 防爆熔断器模块 (不配不注) Explosion-proof fuse module (Optional)

电缆引入装置编码详见 D/41 页 Code of cable gland see page D/41

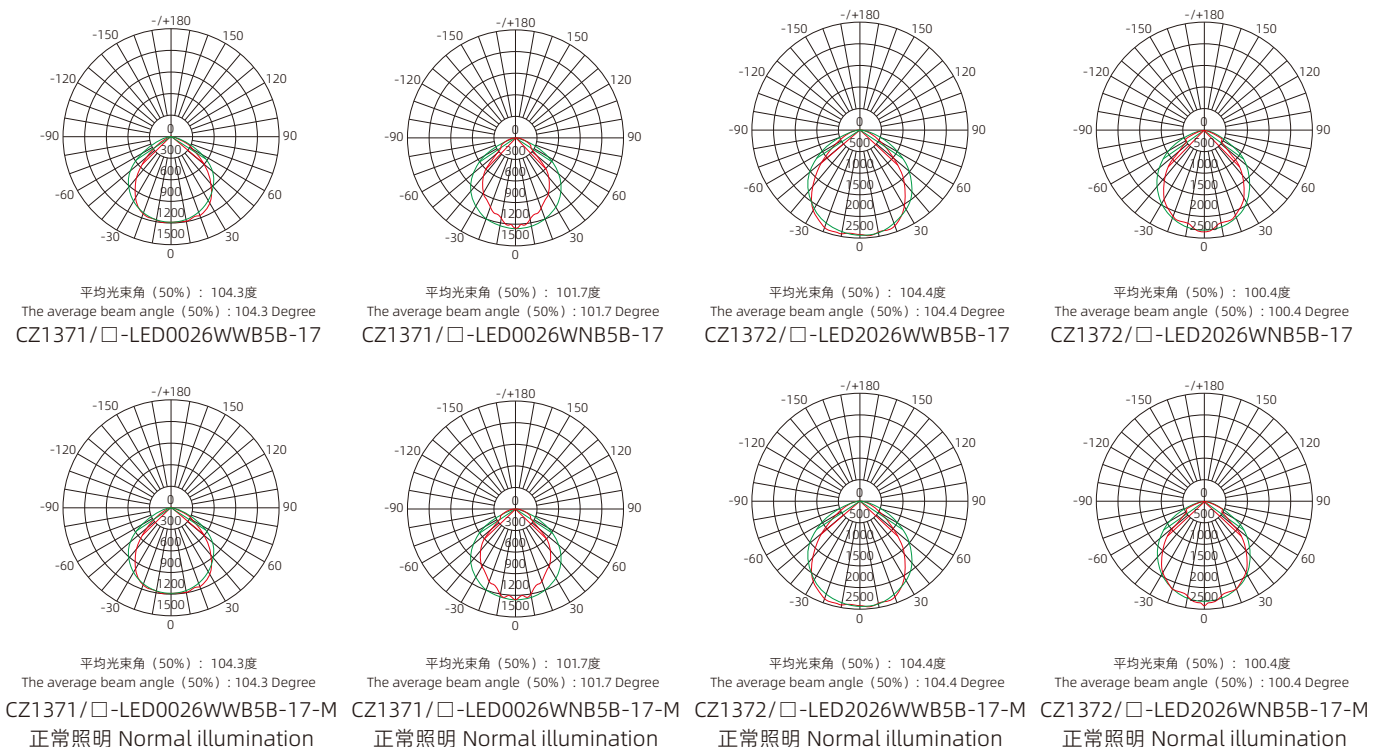
安装附件订购号 (不配不注) 见 D/43 页 Order No. of mounting accessories (Optional), see page D/43

电缆引入装置编码 Code of cable gland

编码 Code	规格 Specifications	电缆直径 Cable diameter
B1	塑制 1 个 M20×1.5 电缆密封套，塑制 2 个 M20×1.5 空塞堵头 One moulded plastic M20×1.5 cable gland, two moulded plastic M20×1.5 stopping plugs	Φ6-13mm
C1	铜制 1 个 CZ0221/M20×1.5 金属电缆密封套，塑制 2 个 M20×1.5 空塞堵头 One brass CZ0221/M20×1.5 metal cable gland, two moulded plastic M20×1.5 stopping plugs	Φ6-13mm
D1	塑制 2 个 M20×1.5 电缆密封套，塑制 1 个 M20×1.5 空塞堵头 Two moulded plastic M20×1.5 cable glands, one moulded plastic M20×1.5 stopping plug	Φ6-13mm
E1	铜制 2 个 CZ0221/M20×1.5 金属电缆密封套，塑制 1 个 M20×1.5 空塞堵头 Two brass CZ0221/M20×1.5 metal cable glands, one moulded plastic M20×1.5 stopping plug	Φ6-13mm
H1	铜制 1 个 CZ0226/M20×1.5(G01) 增安型金属电缆密封套，塑制 2 个 M20×1.5 空塞堵头 One brass CZ0226/M20×1.5(G01) increased safety metal cable gland, two moulded plastic M20×1.5 stopping plugs	Φ8-13.5mm
B2	塑制 1 个 M25×1.5 电缆密封套，塑制 2 个 M25×1.5 空塞堵头 One moulded plastic M25×1.5 cable gland, two moulded plastic M25×1.5 stopping plugs	Φ9-17mm
C2	铜制 1 个 CZ0221/M25×1.5 金属电缆密封套，塑制 2 个 M25×1.5 空塞堵头 One brass CZ0221/M25×1.5 metal cable gland, two moulded plastic M25×1.5 stopping plugs	Φ9-17mm
D2	塑制 2 个 M25×1.5 电缆密封套，塑制 1 个 M25×1.5 空塞堵头 Two moulded plastic M25×1.5 cable glands, one moulded plastic M25×1.5 stopping plug	Φ9-17mm
E2	铜制 2 个 CZ0221/M25×1.5 金属电缆密封套，塑制 1 个 M25×1.5 空塞堵头 Two brass CZ0221/M25×1.5 metal cable glands, one moulded plastic M25×1.5 stopping plug	Φ9-17mm
H2	铜制 1 个 CZ0226/M25×1.5(G02) 增安型金属电缆密封套，塑制 2 个 M25×1.5 空塞堵头 One brass CZ0226/M25×1.5(G02) increased safety metal cable gland, two moulded plastic M25×1.5 stopping plugs	Φ11.5-16mm

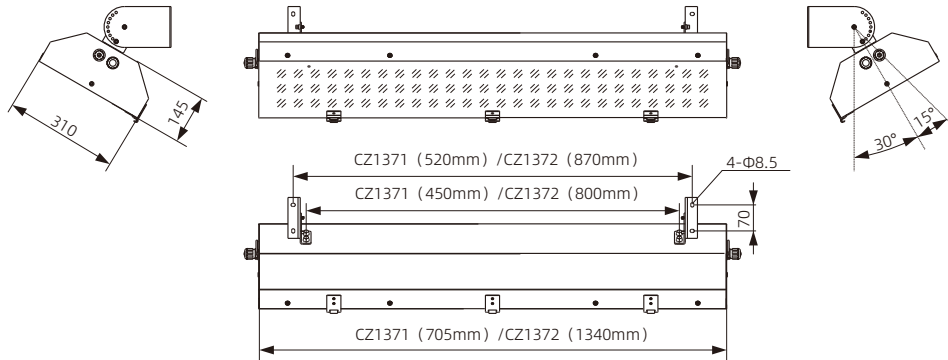
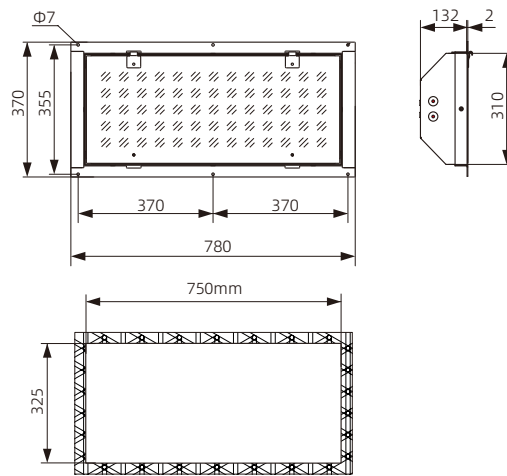
配光曲线 Luminous intensity distribution curve — C0/180 — C90/270

光强单位 luminous intensity unit: Cd

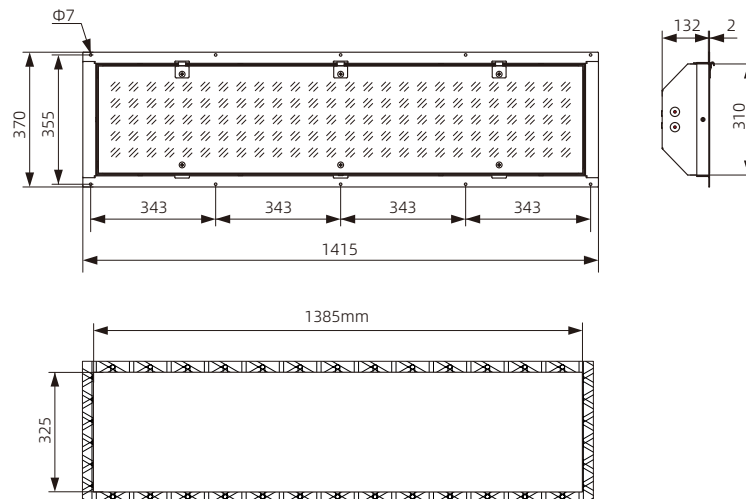


外形尺寸 Outline dimensions 单位 Unit: mm

可调式安装 Adjustable mounting

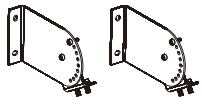
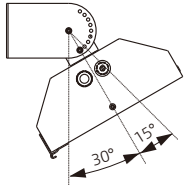
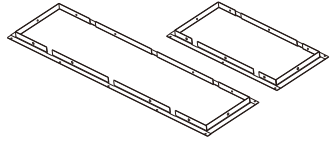

嵌入式安装 Recessed type mounting


开孔尺寸 Aperture dimensions


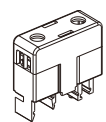

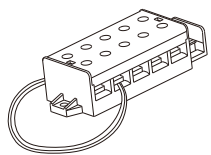


开孔尺寸 Aperture dimensions


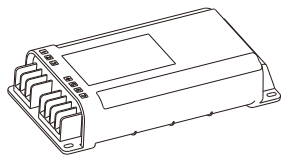
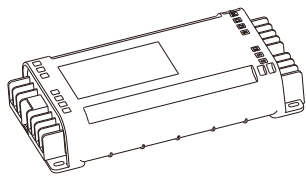
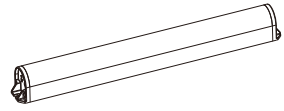
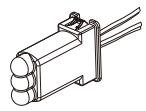
安装附件 Accessories of mounting

图样 Illustration	描述 Descriptions		单位 Unit	订购号 Order No.
 可调安装支架 Adjustable mounting bracket			套 Set	D8738
 嵌入式安装支架 Recessed type mounting bracket	用于1×LED 26W条形灯 Used for 1×LED 26W linear light fittings	碳钢 Carbon steel	套 Set	D8743/123
		304 不锈钢 Stainless steel	套 Set	D8743/140
		316L 不锈钢 Stainless steel	套 Set	D8743/160
	用于2×LED 26W条形灯 Used for 2×LED 26W linear light fittings	碳钢 Carbon steel	套 Set	D8743/223
		304 不锈钢 Stainless steel	套 Set	D8743/240
		316L 不锈钢 Stainless steel	套 Set	D8743/260

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备件 Spare parts

图样 Illustration	描述 Descriptions		单位 Unit	订购号 Order No.
 接地螺母 Earthing nut	金属接地螺母 2-M20×1.5 Metal earthing nut 2-M20×1.5		套 Set	D8714/2-M20
	金属接地螺母 2-M25×1.5 Metal earthing nut 2-M25×1.5		套 Set	D8714/2-M25
 防爆熔断器模块 Explosion-proof fuse module	防爆型式 Type of protection ⊕ II 2G Ex e mb IIC Gb	0.8A	只 Piece	CZ0804 / T0.8A
		1.25A	只 Piece	CZ0804 / T1.25A
		6.3A	只 Piece	CZ0804 / T6.3A
 防爆行程开关模块 Explosion-proof limit switch module	防爆型式 Type of protection ⊕ II 2G Ex db eb IIC Gb 触点二常开 (2NO) Contact: 2NO		只 Piece	CZ0207-2
 带导线端子板 Terminal board with cable	3P 端子, 导线 3×2.5mm ² , max16A, L1+N+PE 3P terminal, Conductor 3×2.5mm ²		套 Set	305/1A
	4P 端子, 导线 4×2.5mm ² , max16A, L1+L2+N+PE 4P terminal, Conductor 4×2.5mm ²		套 Set	305/3A

备件 Spare parts

图样 Illustration	描述 Descriptions	单位 Unit	订购号 Order No.
 LED 光源模块 LED light source module	功率 Power: Max30W / 4240 lm / 5000K 宽光型 (发光角度110°) Wide beam (Luminous angle 110°)	只 Piece	CZ1718/11B-LED30WWB5B
	功率 Power: Max30W / 4240 lm / 5000K 窄光型 (发光角度55°) Narrow beam (Luminous angle 55°)	只 Piece	CZ1718/11B-LED30WNB5B
 电源可调光模块 (0-10V) Power supply module with lighting dimming (0-10V)	功率: 最大30W, 用于 1×LED26W 条形灯 Power: Max30W, Used for 1×LED26W linear light fittings AC/DC 100~250V 50/60Hz	只 Piece	CZ1718/57B-LED30W
	功率: 最大60W, 用于 2×LED26W 条形灯 Power: Max60W, Used for 2×LED26W linear light fittings AC/DC 100~250V 50/60Hz	只 Piece	CZ1718/57B-LED60W
 应急照明电源模块 Emergency lighting power supply module	正常功率: 最大30W, 应急功率: 7W, 用于1×26W应急LED条形灯 Normal power: Max 30W, Emergency power: 7W, Used for 1×26W emergency LED linear light fittings AC/DC 100~250V 50/60Hz	只 Piece	CZ1718/58B-LED30W-07
	正常功率: 最大60W, 应急功率: 10W, 用于2×26W应急LED条形灯 Normal power: Max 60W, Emergency power: 10W, Used for 2×26W emergency LED linear light fittings AC/DC 100~250V 50/60Hz	只 Piece	CZ1718/58B-LED60W-10
 电池模块 Battery module	规格 Specifications: 3.0Ah/7.2V	套 Set	CZ0819/3.0Ah 7.2V
	规格 Specifications: 4.5Ah/7.2V	套 Set	CZ0819/4.5Ah 7.2V
 应急指示灯模块 Emergency indicator module	LED三种颜色: 红、黄、绿 Three colors for LED: red, yellow, green	套 Set	CZ0802/1

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