

CZ1371 / 1372


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描述 Descriptions

防爆（应急）T8 LED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，对工厂中多种化学物质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T8 LED灯可选配防爆行程开关和防爆熔断器，选择行程开关，实现开盖断电功能。光源配置T8 LED灯管，对应装有电源，安装、维修和更换方便快捷。

防爆应急T8 LED灯内置逆变器，电池模块等实现应急照明功能。

- 灯具安装附件可选：可调式支架和嵌入式支架。
- T8 LED灯管无频闪，无蓝光危害，自带漏电、浪涌保护。
- 防护等级高达IP66。
- IECEx 国际认证，ATEX 欧洲认证。

The enclosures of explosion-proof T8 LED light fittings are manufactured by either carbon steel or 304 / 316L stainless steel and the transparent parts are manufactured by toughened glass. They have good protection ability from various chemical matters in factories because of high stability and 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. Explosion-proof T8 LED lamp can be equipped with explosion-proof limit switch and explosion-proof fuse, and the limit switch can be selected to realize the function of opening the cover and powering off. The light source is equipped with T8 LED tube, correspondingly equipped with a power supply, which is convenient and quick to install, maintain and replace. Explosion-proof emergency T8 LED light fittings, equipped with inverter module, battery module, realize emergency lighting function.

- Available in Adjustable bracket or recessed mounting bracket.
- T8 LED tube has no flicker, no blue light hazard, and comes with leakage and surge protection.
- Degree of protection up to IP66.
- IECEx and ATEX certified

2 区

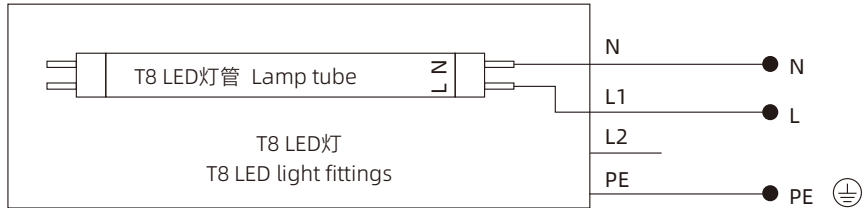
21 区和 22 区

Zone 2

Zone 21 and zone 22

灯具安装线路图 Wiring diagram

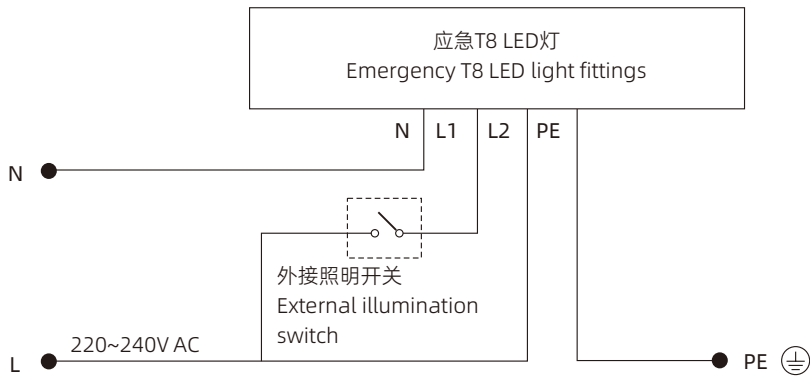
防爆 T8 LED灯
Explosion-proof T8 LED light fittings



注：仅选用单端进线的T8 LED灯管
Note: Only use single-ended T8 LED tube

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防爆应急 T8 LED灯
Explosion-proof emergency T8 LED 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)

(使用环境温度取决于选用的T8 LED灯管)

防护等级：IP66 (IP64配呼吸阀CZ0527)

额定电压：AC220 ~ 240V 50/60Hz

功率因数：λ > 0.98

能效指数 EEI=A2

 接线端子：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

灯座代号/灯管类型：G13 / T8 LED灯管

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)

(The ambient temperature depends on the T8 LED tube selected)

Degree of protection: IP66 (IP64 with breather CZ0527)

Rated voltage: AC220 ~ 240V 50/60Hz

Power factor: λ > 0.98

Energy efficiency index EEI=A2

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

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

Lamp holder code / Lamp tube Type: G13 / T8 LED tube



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

订购规格 Order specifications

图样 Illustration	功率 Power	光通量 Luminous flux	重量(kg) Weight	订购号 Order No.
	2×LED 8W	1609 lm	6.7	CZ1371/□-T8LED2008W-57-□-B2+□
	2×LED 18W	3038 lm	9.6	CZ1372/□-T8LED2018W-57-□-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

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/49 页 Code of cable gland see page D/49

安装附件订购号 (不配不注) 见 D/49 页

Order No. of mounting accessories (Optional), see page D/49

注：T8 LED 灯管出厂不配，T8 LED 灯管安装在灯具内，光通量约损耗15%。

Note: T8 LED tube be ordered separately by users, The luminous flux loss around 15% when T8 LED tube is installed in the lamp.

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 II C T5/T4 GC Ex tb IIIC T80°C Db Ex db ec mb II C T5/T4 GC Ex tb IIIC T80°C Db 配置熔断器 With fuse	GB/T3836
IECEX	Ex db ec II C T5/T4 GC Ex tb IIIC T80°C Db Ex db ec mb II C T5/T4 GC Ex tb IIIC T80°C Db 配置熔断器 With fuse	IEC60079
ATEX	ⓂII 3G2D Ex db ec II C T5/T4 Gc Ex tb IIIC T80°C Db ⓂII 3G2D Ex db ec mb II C T5/T4 Gc Ex tb IIIC T80°C Db 配置熔断器 With fuse	EN60079

适用范围：用于 2 区，21 区和 22 区
 使用环境温度：-40°C≤Ta≤+40°C (T5)
 -40°C≤Ta≤+55°C (T4)
 (使用环境温度取决于选用的T8 LED灯管)
 防护等级：IP66 (IP64配呼吸阀CZ0527)
 额定电压：AC220 ~ 240V 50/60Hz
 功率因数：λ > 0.98
 能效指数 EEI=A2
 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：> 120 min
 接线端子：L、N、PE，每个端子 2×1.5-10mm²
 电气配置：标配防爆行程开关
 (可选防爆熔断器)
 灯座代号/灯管类型：G13 / T8 LED灯管
 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)
 (The ambient temperature depends on the T8 LED tube selected)
 Degree of protection: IP66 (IP64 with breather CZ0527)
 Rated voltage: AC220 ~ 240V 50/60Hz
 Power factor: λ > 0.98
 Energy efficiency index EEI=A2
 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: > 120 min
 Terminals: L, N, PE, each terminal 2×1.5-10mm²
 Electrical configuration: Standard explosion-proof limit switch
 (Optional explosion-proof fuse)
 Lamp holder code / Lamp tube type: G13 / T8 LED tube
 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	功率 Power		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	正常照明 Normal illumination	应急照明 Emergency illumination		
	2×LED 8W	1×LED 8W	1820 lm	1003 lm	8.5	CZ1371/□-T8LED2008W-57-M-K□-B2+□
	2×LED 18W	1×LED 18W	3461 lm	1720 lm	11.6	CZ1372/□-T8LED2018W-57-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

M-持续型 Maintained ←

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/49 页 Code of cable gland see page D/49 ←

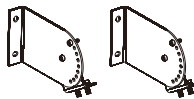
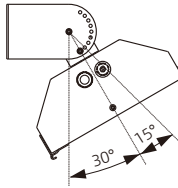
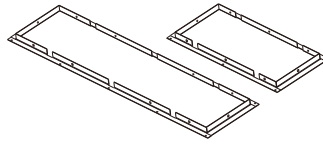
安装附件订购号 (不配不注) 见 D/49 页
 Order No. of mounting accessories (Optional), see page D/49 ←

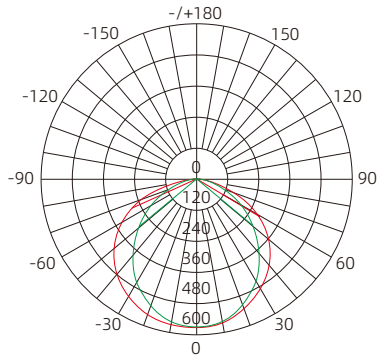
注：T8 LED 灯管出厂不配，T8 LED 灯管安装在灯具内，光通量约损耗15%。
 Note: T8 LED tube be ordered separately by users, The luminous flux loss around 15% when T8 LED tube is installed in the lamp.

电缆引入装置编码 Code of cable gland

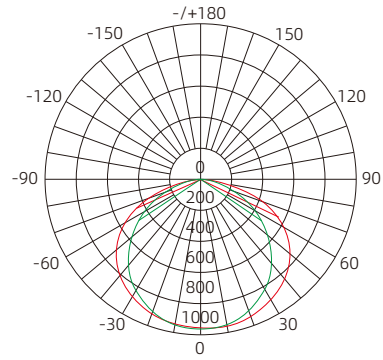
编码 Code	规格 Specifications	电缆直径 Cable diameter
B1	塑制 1 个 M20×1.5 电缆密封套, 塑制 2 个 M20×1.5 空塞堵头 One moulded plastic M20×1.5 cable gland, two moulded plastic M20×1.5 stopping plugs	Φ6-13mm
C1	铜制 1 个 CZ0221/M20×1.5 金属电缆密封套, 塑制 2 个 M20×1.5 空塞堵头 One brass CZ0221/M20×1.5 metal cable gland, two moulded plastic 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
I1	铜制 2 个 CZ0226/M20×1.5(G01) 增安型金属电缆密封套, 塑制 1 个 M20×1.5 空塞堵头 Two brass CZ0226/M20×1.5(G01) increased safety metal cable glands, one moulded plastic M20×1.5 stopping plug	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
I2	铜制 2 个 CZ0226/M25×1.5(G02) 增安型金属电缆密封套, 塑制 1 个 M25×1.5 空塞堵头 Two brass CZ0226/M25×1.5(G02) increased safety metal cable glands, one moulded plastic M25×1.5 stopping plug	Φ11.5-16mm

安装附件 Accessories of mounting

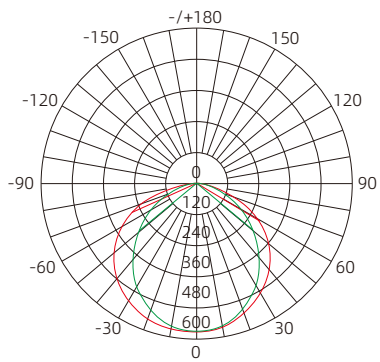
图样 Illustration	描述 Descriptions	单位 Unit	订购号 Order No.	
 可调安装支架 Adjustable mounting bracket		套 Set	D8738	
 嵌入式安装支架 Recessed type mounting bracket	用于8W T8 LED灯 Used for 8W T8 LED light fittings	碳钢 Carbon steel	套 Set	D8743/123
		304 不锈钢 Stainless steel	套 Set	D8743/140
		316L 不锈钢 Stainless steel	套 Set	D8743/160
	用于18W T8 LED灯 Used for 18W T8 LED 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

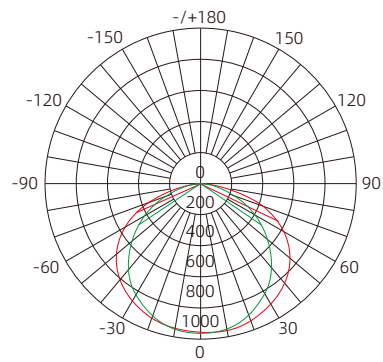
灯配光曲线 Luminous intensity distribution curve — C0/180 — C90/270
 光强单位luminous intensity unit: cd/1000 lm

 平均光束角 (50%) : 112.4度
 The average beam angle (50%) : 112.4 Degree

CZ1371/□-T8LED2008W-57


 平均光束角 (50%) : 121.4度
 The average beam angle (50%) : 121.4 Degree

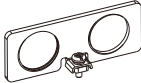
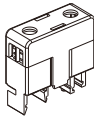

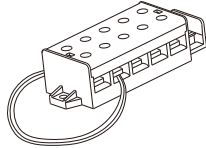
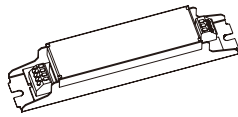
CZ1372/□-T8LED2018W-57


 平均光束角 (50%) : 112.4度
 The average beam angle (50%) : 112.4 Degree

 CZ1371/□-T8LED2008W-57-M
 正常照明 Normal illumination

 平均光束角 (50%) : 121.4度
 The average beam angle (50%) : 121.4 Degree

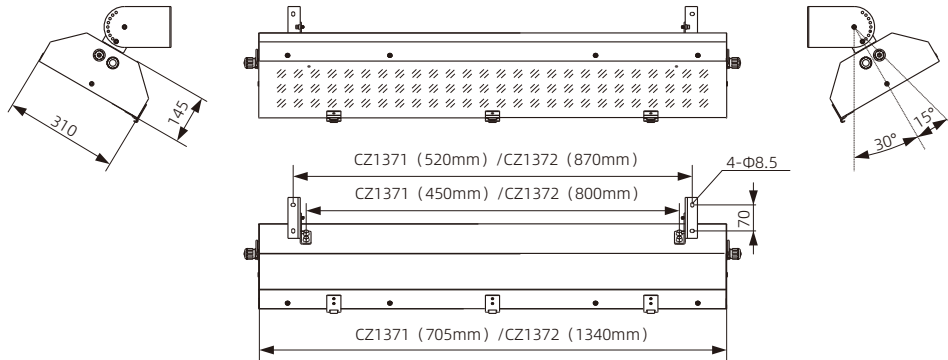
 CZ1372/□-T8LED2018W-57-M
 正常照明 Normal illumination

备件 Spare parts

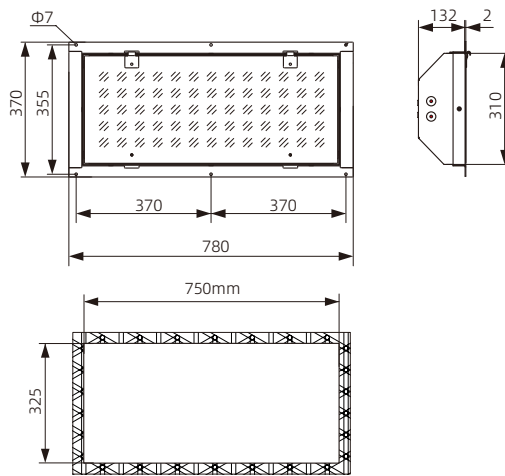
图样 Illustration	描述 Descriptions	单位 Unit	订购号 Order No.
 接地螺母 Earthing nut	金属接地螺母 2-M20×1.5 Metal earthing nut 2-M20×1.5	套 Set	D8714/2-M20
	金属接地螺母 2-M25×1.5 Metal earthing nut 2-M25×1.5	套 Set	D8714/2-M25
 防爆熔断器模块 Explosion-proof fuse module	防爆型式 Type of protection ⓈII 2G Ex e mb II C Gb	0.8A 只 Piece	CZ0804 / 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 触点二常闭 (2NC) Contact: 2NC	只 Piece	CZ0207-1
 带导线端子板 With conductor terminal board	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
 “PHILIPS飞利浦” T8 LED灯管 “PHILIPS” T8 LED tubes	T8 8W、18W LED灯管, 电压220~240V AC 50~60Hz, 光通量800lm、2100lm, 色温6500K, 寿命40000h T8 8W, 18W LED tube, Voltage 220~240V AC 50~60Hz, Luminous flux 800lm, 2100lm, Color temperature 6500K, Lifetime 40000 hours	只 Piece	600mm 8W 865 HO 800lm
			1200mm 18W 865 HO 2100lm
 逆变器模块 Inverter module	应急功率: 1×8W、1×18W Emergency power: 1×8W, 1×18W 用于CZ1371、CZ1372防爆应急 T8 LED灯 Used for CZ1371, CZ1372 explosion-proof emergency T8 LED light fittings	只 Piece	XF-ZLZD-E60WR
 电池模块 Battery module	规格 Specifications: 3.0Ah/12V 用于CZ1371防爆应急 T8 LED灯 Used for CZ1371 explosion-proof emergency T8 LED light fittings	套 Set	CZ0819/3.0Ah 12V
	规格 Specifications: 4.5Ah/12V 用于CZ1372防爆应急 T8 LED灯 Used for CZ1372 explosion-proof emergency T8 LED light fittings	套 Set	CZ0819/4.5Ah 12V

外形尺寸 Outline dimensions 单位 Unit: mm

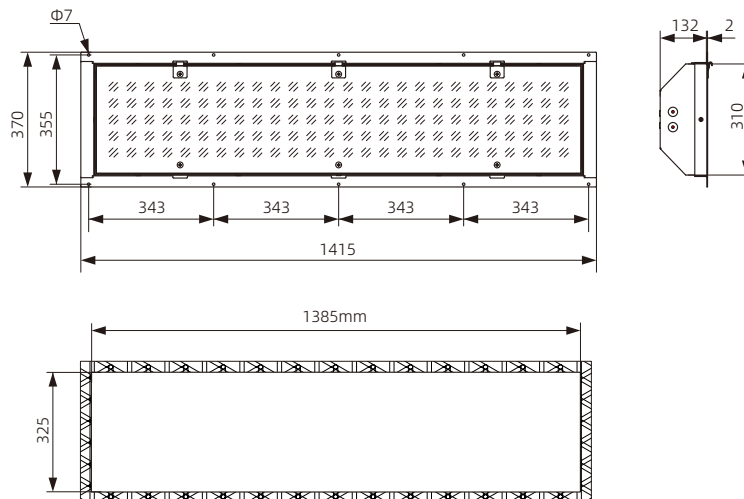
可调式安装 Adjustable mounting



嵌入式安装 Recessed type mounting



开孔尺寸 Aperture dimensions



开孔尺寸 Aperture dimensions