



Descriptions:

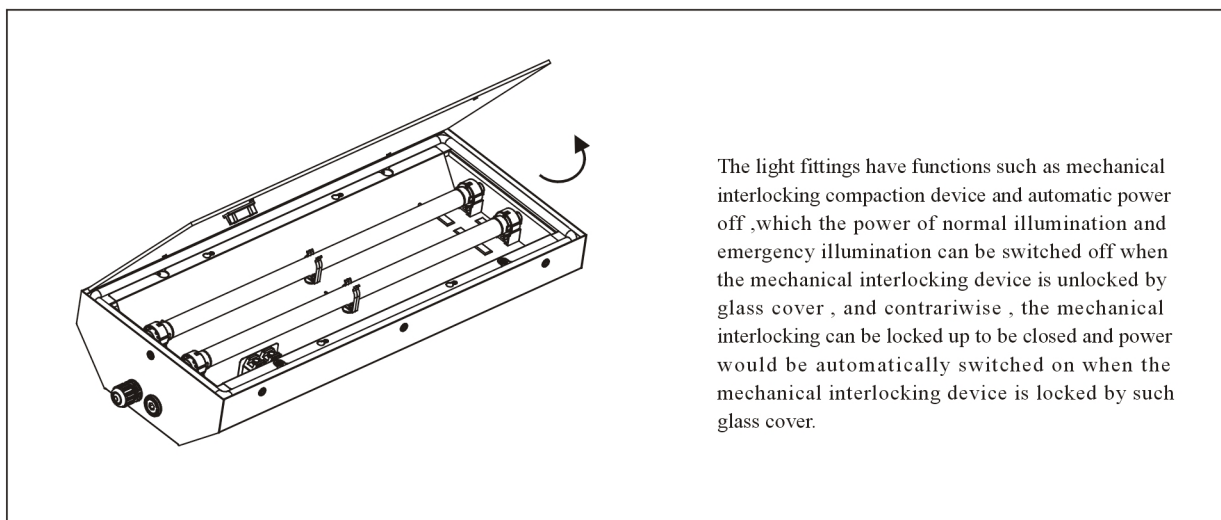
The enclosure of explosion-proof fluorescent (LED) light fittings are manufactured by carbon steel or 304 stainless steel and the transparent parts are manufactured by stalinite. They have good protection ability from various chemical matters in factories because of high stability and mechanical. There are sealing bars between the enclosure and transparent parts, the light fittings have functions such as mechanical interlocking compaction device and automatic power off .It will automatic power off when open the glass cover.

The special electronic ballast, light fittings lampholder, terminal, explosion-fuse, explosion-proof isolation switch and so on are built-in explosion-proof fluorescent light fittings. Used for illuminating in the circuit of 220-240V AC 50/60Hz.

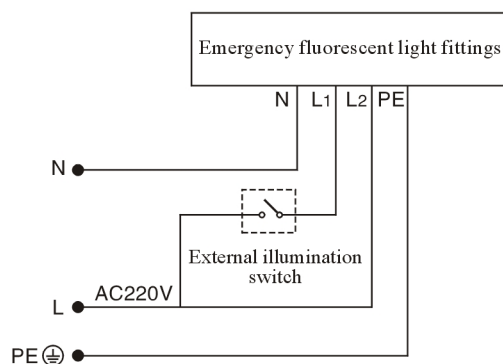
"PHILIPS" LED lamp tube, light fittings lampholder, terminal, explosion-fuse, explosion-proof isolation switch and so on are built-in explosion-proof fluorescent light fittings. Used for illuminating in the circuit of 100-240V AC 50/60Hz.

- Explosion-proof fluorescent (LED) light fittings mounting ways: adjustable mounting and insert type mounting.
- Protection degree is up to IP65.
- Equipped with the mechanical interlock device protection, explosion-proof isolation switch of II C class to enable the power off automatically when uncovered.

• Diagram:

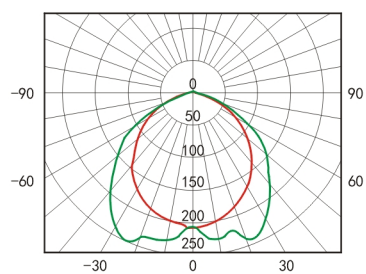


• Mounting circuit diagram for emergency light fittings:

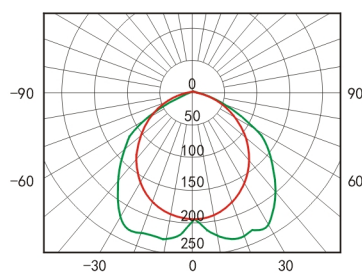


• Luminous intensity distribution curve: — C0/180
— C90/270

Luminous intensity unit: cd/1000 lm



CZ1372 (2 × 18W)



CZ1372 (2 × 36W)

2 区

Zone 2

21 区和 22 区

Zone 21 and zone 22



CZ1371/□□-2 × 14(28)W、CZ1372/□□-2 × 18(36)W Explosion-proof fluorescent light fittings



• Main technical data:

Certification | Ex mark | Meet the standard

China (PCEC Ex)	Ex nA II C T4 Gc	DIP A21 TA,T6 (Product without fuse or switch fitted)	GB3836 GB12476
China (PCEC Ex)	Ex dmbnA II C T4 Gc	DIP A21 TA,T6 (Product with fuse and switch fitted)	GB3836 GB12476

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

Ambient temperature use: -25℃ ≤ Ta ≤ 40℃

Degree of protection: IP65

Rated voltage: 220 ~ 240V AC (± 10%) 50/60Hz

Power factor: λ > 0.95

Energy efficiency index EEI=A2

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

Cable entry: Moulded plastic 1×M25×1.5 cable gland,

Outside diameter of cable: Φ8-17mm

Moulded plastic 2×M25×1.5 stopping plugs

Enclosure material: Carbon steel (Surface spraying white plastic powder)

304 stainless steel (Surface wire drawing processing)



• Order specifications:

Material of enclosure	Light source code	Lamp tube	Power	Current	Weight	Order No.
Carbon steel	G5 Two-pin lampholder	T5 Type	2×14W	Max 0.16A	9kg	CZ1371/23-2 × 14W□□-B+□
			2×28W	Max 0.33A	15kg	CZ1372/23-2 × 28W□□-B+□
	G13 Two-pin lampholder	T8 Type	2×18W	Max 0.2A	9.5kg	CZ1371/23-2 × 18W□□-B+□
			2×36W	Max 0.39A	15.5kg	CZ1372/23-2 × 36W□□-B+□
304 Stainless steel	G5 Two-pin lampholder	T5 Type	2×14W	Max 0.16A	10kg	CZ1371/40-2 × 14W□□-B+□
			2×28W	Max 0.33A	16kg	CZ1372/40-2 × 28W□□-B+□
	G13 Two-pin lampholder	T8 Type	2×18W	Max 0.2A	10.5kg	CZ1371/40-2 × 18W□□-B+□
			2×36W	Max 0.39A	16.5kg	CZ1372/40-2 × 36W□□-B+□

K: Equipped with CZ0207 explosion-proof distance switch(no matching,not noted)

F: equipped with CZ0804 explosion-proof fuse module(no matching,not noted)

Code of cable gland

Order No.of mounting accessories
(No matching not noted), see page 137

• Code of cable gland

Code	Specifications	Cable diameter
B	One moulded plastic M25 × 1.5 cable gland, two moulded plastic M25 × 1.5 stopping plugs	Φ8-17mm
C	One brass CZ0221/M25 × 1.5 metal cable gland, two moulded plastic M25 × 1.5 stopping plugs	Φ8-17mm
D	Two moulded plastic M25 × 1.5 cable glands, one moulded plastic M25 × 1.5 stopping plug	Φ8-17mm
E	Two brass CZ0221/M25 × 1.5 metal cable glands, one moulded plastic M25 × 1.5 stopping plug	Φ8-17mm



• **Main technical data:**

Certification | **Ex mark** | **Meet the standard**

China (PCEC Ex)	Ex nA II C T4 Gc	DIP A21 TA,T6 (Product without fuse or switch fitted)	GB3836 GB12476
China (PCEC Ex)	Ex dmbnA II C T4 Gc	DIP A21 TA,T6 (Product with fuse and switch fitted)	GB3836 GB12476

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

Ambient temperature use: -25℃ ≤ Ta ≤ 40℃

Degree of protection: IP65

Rated voltage: 100 ~ 240V AC (± 10%) 50/60Hz

Power: Max 25W

Color temperature: 6500K

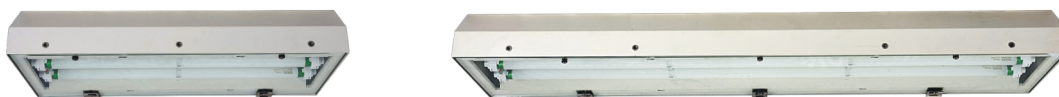
Terminals: L1、L2、L、N、PE, each terminal 2×1.5-10mm²

Cable entry: Moulded plastic 1×M25×1.5 cable gland,

Outside diameter of cable: Φ8-17mm

Enclosure material: Carbon steel (Surface spraying white plastic powder)

304 stainless steel (Surface wire drawing processing)



• **Order specifications:**

Material of enclosure	Light source code	Lamp tube	Power	Current	Weight	Order No.
Carbon steel	G13 Two-pin lampholder	T8 Type	2×10W	Max 0.2A	7kg	CZ1371/23-LED2 × 10W□□T-B+□
			2×19W	Max 0.38A	13kg	CZ1372/23-LED2 × 19W□□T-B+□
304 Stainless steel	G13 Two-pin lampholder	T8 Type	2×10W	Max 0.2A	8kg	CZ1371/40-LED2 × 10W□□T-B+□
			2×19W	Max 0.38A	14kg	CZ1372/40-LED2 × 19W□□T-B+□

K: Equipped with CZ0207 explosion-proof distance switch(no matching,not noted)

F: equipped with CZ0804 explosion-proof fuse module(no matching,not noted)

“PLILIPS” LED tubes

Code of cable gland

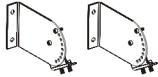
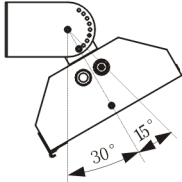
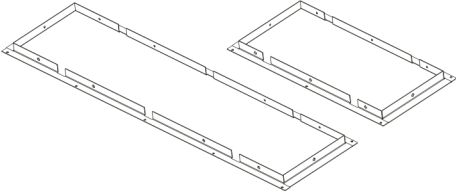
Order No.of mounting accessories (No matching not noted), see page 137

• **Code of cable gland**

Code	Specifications	Cable diameter
B	One moulded plastic M25 × 1.5 cable gland, two moulded plastic M25 × 1.5 stopping plugs	Φ8-17mm
C	One brass CZ0221/M25 × 1.5 metal cable gland, two moulded plastic M25 × 1.5 stopping plugs	Φ8-17mm
D	Two moulded plastic M25 × 1.5 cable glands, one moulded plastic M25 × 1.5 stopping plug	Φ8-17mm
E	Two brass CZ0221/M25 × 1.5 metal cable glands, one moulded plastic M25 × 1.5 stopping plug	Φ8-17mm

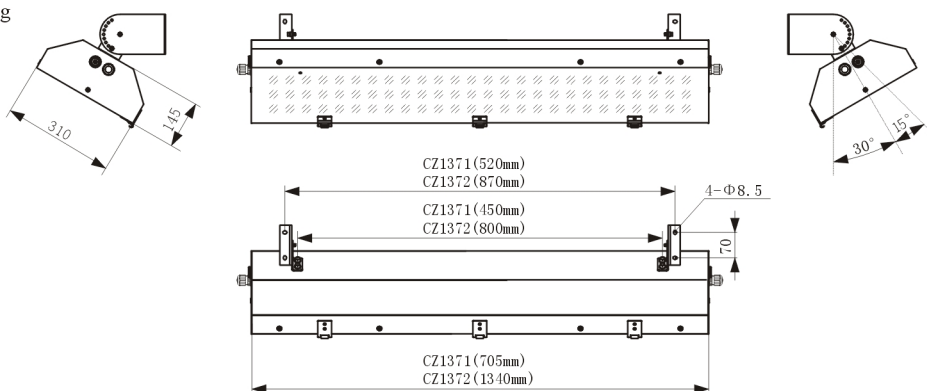


• Accessories of mounting:

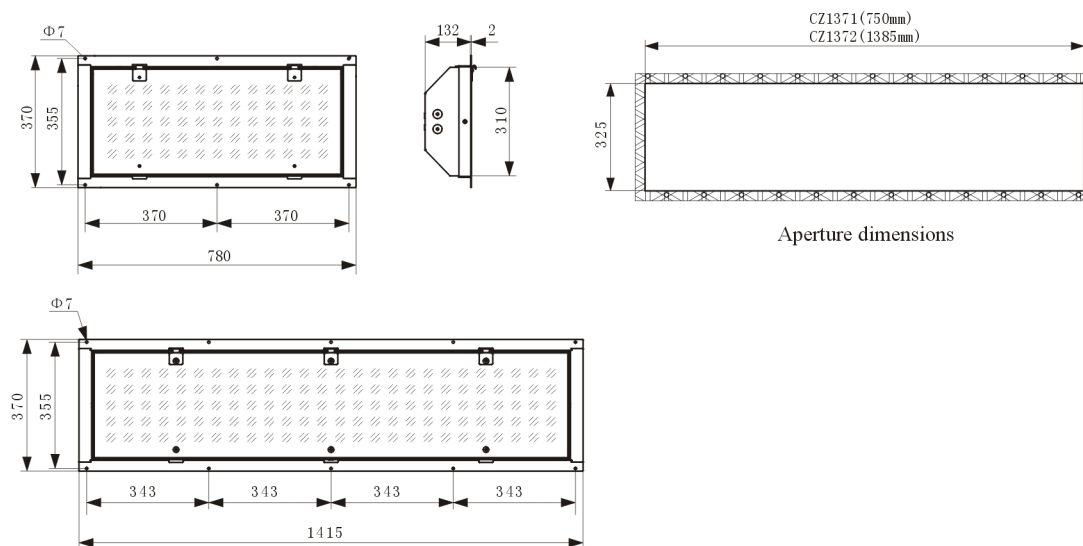
Illustration	Descriptions	Unit	Order No.
Adjustable mounting bracket 		Set	D8738
Insert type mounting bracket 	Used for 14W, 18W fluorescent light fittings	Carbon steel	Set D8743/123
		304 Stainless steel	Set D8743/140
	Used for 28W, 36W fluorescent light fittings	Carbon steel	Set D8743/223
		304 Stainless steel	Set D8743/240

• Outline dimensions:

Adjustable mounting



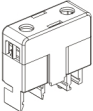
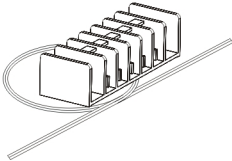
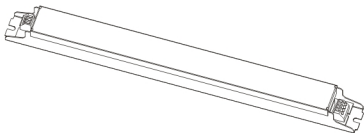
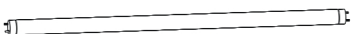
Insert type mounting



Aperture dimensions



• Spare parts:

Illustration	Descriptions	Unit	Order No.
Earthing nut 	Metal earthing nut 2-M25 × 1.5	Set	D8714/2-M25
Explosion-proof fuse module 	Type of protection: Ex emb IIC Gb	0.2A	Piece CZ0804 / T0.2A
		0.4A	Piece CZ0804 / T0.4A
		0.8A	Piece CZ0804 / T0.8A
		5A	Piece CZ0804 / T5A
Explosion-proof isolation switch module 	Type of protection: Ex de IIC, Contact: 2NO	Piece	CZ0207-2
With conductor terminal board 	3P terminal, Conductor 3 × 2.5mm ² , max16A, L1+N+PE	14W/18W	Set 305/21
		28W/36W	Set 305/22
	4P terminal, Conductor 3 × 2.5mm ² , max16A, L1+L2+N+PE	14W/18W	Set 305/31
		28W/36W	Set 305/32
Special lampholder 	G5 Cap base, used for T5 tube	Piece	G5-F288(E)
	G13 Cap base, used for T8 tube	Piece	G13-F266(F)
Electronic ballast module 	Power: 2 × 14W(28W), Used for T5 energy saving type fluorescent light fittings AC220~240V 50/60 Hz	Piece	PC 2 × 14-28 T5 TOP IP
	Power: 2 × 18W, Used for T8 energy saving type fluorescent light fittings AC220~240V 50/60 Hz	Piece	PC 2/18 T8 TOP
	Power: 2 × 36W, Used for T8 energy saving type fluorescent light fittings AC220~240V 50/60 Hz	Piece	PC 2/36 T8 TOP
“PLILIPS” LED tubes 	T8 10W LED Tube; G13 Cap base Voltage: AC100-240V, 50-60Hz; Luminous flux 825Lm Color rendering index 85; Color temperature 6500K; Lifetime 40000hours	Piece	MSTR TLED INT DRVR STD T8 10W 865 G13
	T8 19W LED Tube; G13 Cap base Voltage: AC100-240V, 50-60Hz; Luminous flux 1650Lm Color rendering index 85; Color temperature 6500K; Lifetime 40000hours	Piece	MSTR TLED INT DRVR STD T8 19W 865 G13

