



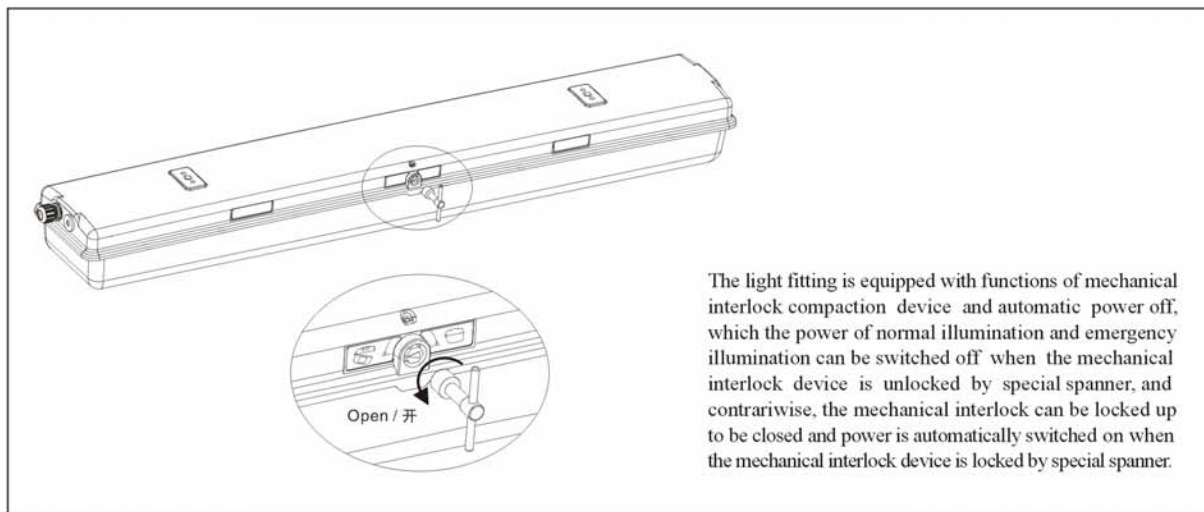
Descriptions:

The enclosures of full plastic explosion-proof (emergency) fluorescent light fittings (pole mounting) are manufactured by glass fiber reinforced polyester and the transparent parts are manufactured by anti-ultraviolet polycarbonate. They have good protection ability from various chemical matters in factories or offshore platform because of high stability and mechanical strength. The material of the light fitting used can prevent from being corroded effectively. The sealing bars between the enclosure and transparent parts are compacted by the interlock device. The isolation switches are operated by the interlock devices. When the isolation switch is switched off, the covers can be opened. The explosion-proof electronic ballast, explosion-proof isolation switch, explosion-proof lampholder and explosion-proof terminals etc are mounted inside of the full plastic explosion-proof fluorescent light fittings (pole mounting).

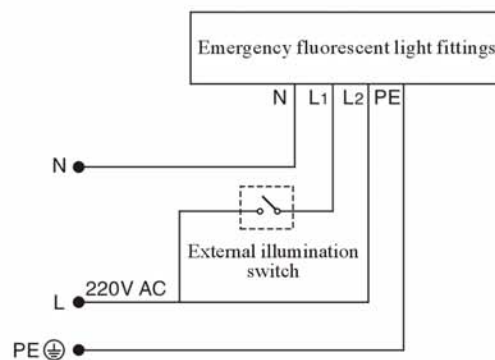
The explosion-proof electronic ballast, explosion-proof inverter, explosion-proof fuse, explosion-proof indicator lamp, and high temperature resistance explosion-proof battery etc. are mounted inside of the full plastic explosion-proof emergency fluorescent light fittings .The light fitting can be automatically recharging while normal working, so that the lamp tube will turn on automatically when the power loses because of accident or power failure.

- ▶ Full plastic explosion-proof fluorescent light fittings mounting ways: Ceiling type, chain type, pendant type, wall type and clamp type.
- ▶ Full plastic explosion-proof fluorescent light fittings mounting ways: Platform fence type, platform flange type, street lamp type.
- Standard two-supply circuit design and EOL switching off function design when the life of the lamp tube is end;
- The structural design is never distortion and its protection degree is up to IP66.
- Equipped with the mechanical interlocking device and explosion-proof distance switch of II C class to enable the power off automatically when the diffuser is uncovered.
- With interlock device, the transparent parts and enclosure can not energize to work to ensure safe use before completely sealing.
- The explosion-proof ballast and explosion-proof inverter are certified separately ;
- The explosion-proof ballast is equipped with the protective functions of open circuit, short circuit and abnormality of lamp tube;
- The emergency type has the indication of fault signal, the charging signal, the discharging signal.
- International IECEx Approval, Europe union ATEX Approval.

- Diagram:

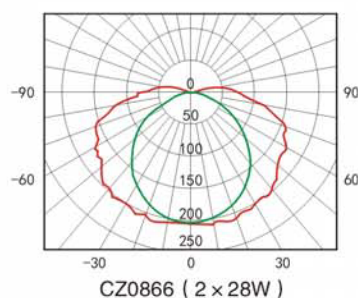
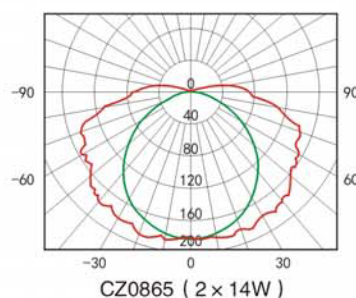
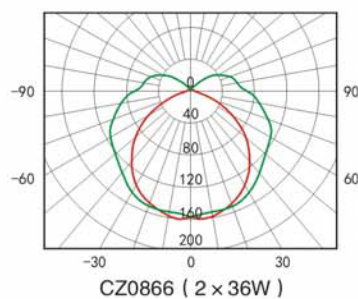
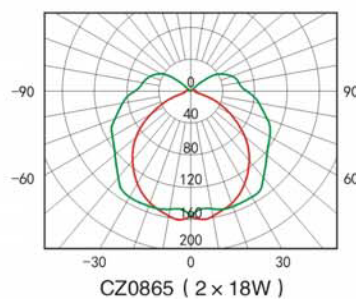


- Mounting circuit diagram for emergency light fittings:



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

Luminous intensity unit: cd/1000 lm



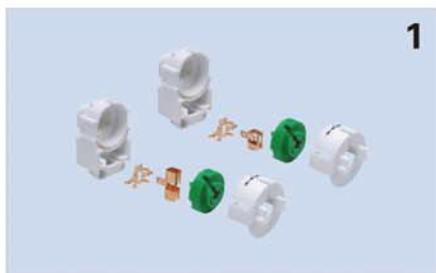
Zone 1 and zone 2

Zone 21 and zone 22

- Diagram:



- Product characteristics:



Explosion-proof lampholder of Ex e II (Two-pin) G5, G13.



The Ex e enclosure is has the foaming sealing ring to ensure the protection degree is IP66.



The reliable service quality and security of the electrical apparatus is guaranteed by the explosion-proof ballast module.



The enclosure and transparent shield are pressed tightly and drive the switching off and interlocking function of explosion-proof distance switch by unlocking device through interlock mechanism.



Explosion-proof terminal module of Ex e II.



The explosion-proof distance switch module of Ex de IIC is operated by interlocking device and the enclosure can only be opened when the switch is off.

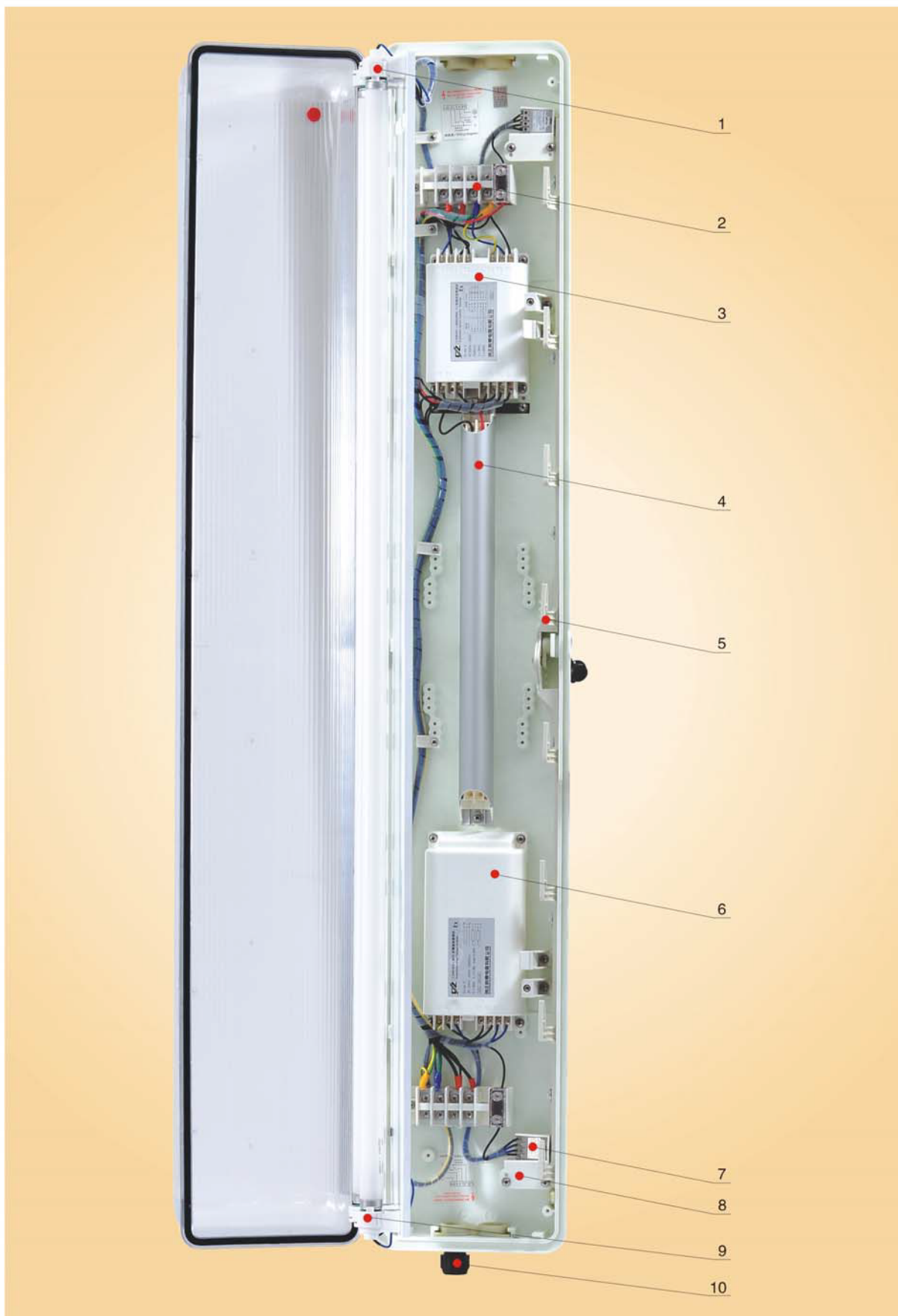


With interlock device, it can't be energized when the transparent shield and enclosure are not closed or sealed completely to ensure the security of use.



IECEx, ATEX certified cable gland and stopping plug of Ex e II

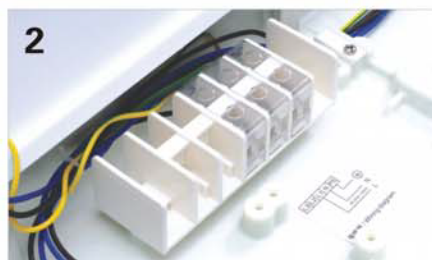
- Diagram:



- Product characteristics:



Explosion-proof lampholder of Ex e II (Two-pin) G5, G13.



Explosion-proof terminal module of Ex e II.



The reliable service quality and security of the electrical apparatus is guaranteed by the explosion-proof inverter module.



The explosion-proof battery module is thermostable and high-capacity.



The enclosure and transparent shield are pressed tightly and drive the switching off and interlocking function of explosion-proof distance switch by unlocking device through interlocking mechanism.



The reliable service quality and security of the electrical apparatus is guaranteed by the explosion -proof ballast module.



The explosion-proof distance switch module of Ex de IIC is operated by interlocking device and the enclosure can only be opened when the switch is off.



With interlocking device, it can't be energized when the transparent shield and enclosure are not closed or sealed completely to ensure the security of use.



The explosion-proof emergency signal lamp module and three kinds of signal indicators.



IECEX, ATEX certified cable gland and stopping plug of Ex e II.

• Main technical data:
Certification | Ex mark | Meet the standard

China (PCEC Ex)	Ex deq II C T4 Gb DIP A21 TA,T6 (Product without fuse)	GB3836 GB12476
China (PCEC Ex)	Ex deqmb II C T4 Gb DIP A21 TA,T6 (Product with fuse)	GB3836 GB12476
IECEX	Ex deq II C T4 Gb Ex tD A21 T 80°C (Product without fuse)	IEC60079
IECEX	Ex deqmb II C T4 Gb Ex tD A21 T 80°C (Product with fuse)	IEC60079
ATEX	Ex II 2GD Ex deq II C T4 Gb Ex tD A21 T 80°C (Product without fuse)	EN60079
ATEX	Ex II 2GD Ex deqmb II C T4 Gb Ex tD A21 T 80°C (Product with fuse)	EN60079

Intended use: Can be used in zone 1 and zone 2, Can be used in zone 21 and zone 22

 Ambient temperature use: $-25^{\circ}\text{C} \leq T_a \leq 40^{\circ}\text{C}$

Degree of protection: IP66

 Rated voltage: 110 ~ 240V AC ($\pm 10\%$) 50/60Hz

 Power factor: $\lambda > 0.98$

Energy efficiency index EEI=A2

 Terminals: L, N, PE, each terminal $2 \times 1.5\text{-}10\text{mm}^2$

 Cable entry: Moulded plastic $1 \times M25 \times 1.5$ cable gland,

 Outside diameter of cable: $\Phi 8\text{-}17\text{mm}$

 Moulded plastic $2 \times M25 \times 1.5$ stopping plugs

• Order specifications:

Illustration	Light source code	Lamp tube	Power	Current	Weight	Order No.
	G5 Two-pin lampholder	T5 Type	$2 \times 14\text{W}$	Max 0.16A	5kg	CZ0865 / $2 \times 14\text{W-1-B+}$ <input type="checkbox"/>
			$2 \times 28\text{W}$	Max 0.33A	7.9kg	CZ0866 / $2 \times 28\text{W-1-B+}$ <input type="checkbox"/>
	G13 Two-pin lampholder	T8 Type	$2 \times 18\text{W}$	Max 0.2A	5kg	CZ0865 / $2 \times 18\text{W-1-B+}$ <input type="checkbox"/>
			$2 \times 36\text{W}$	Max 0.39A	7.9kg	CZ0866 / $2 \times 36\text{W-1-B+}$ <input type="checkbox"/>

Code of cable gland

 Order No. of mounting accessories
(No matching not noted), see page 63

• Code of cable gland

Code	Specifications	Cable diameter
B	One moulded plastic $M25 \times 1.5$ cable gland, two moulded plastic $M25 \times 1.5$ stopping plugs	$\Phi 8\text{-}17\text{mm}$
C	One brass CZ0221/ $M25 \times 1.5$ metal cable gland, two moulded plastic $M25 \times 1.5$ stopping plugs	$\Phi 8\text{-}17\text{mm}$
D	Two moulded plastic $M25 \times 1.5$ cable glands, one moulded plastic $M25 \times 1.5$ stopping plug	$\Phi 8\text{-}17\text{mm}$
E	Two brass CZ0221/ $M25 \times 1.5$ metal cable glands, one moulded plastic $M25 \times 1.5$ stopping plug	$\Phi 8\text{-}17\text{mm}$
F	One brass CZ0227/ $M25 \times 1.5\text{-}G^{3/4}$ increase safety metal cable gland, two moulded plastic $M25 \times 1.5$ stopping plugs	$\Phi 11\text{-}15\text{mm}$
G	Two brass CZ0227/ $M25 \times 1.5\text{-}G^{3/4}$ increase safety metal cable glands, one moulded plastic $M25 \times 1.5$ stopping plug	$\Phi 11\text{-}15\text{mm}$
H	One brass CZ0226/ $M25 \times 1.5\text{(G02)}$ increase safety metal cable gland (stopping boxes), two moulded plastic $M25 \times 1.5$ stopping plugs	$\Phi 11.5\text{-}16\text{mm}$
I	Two brass CZ0226/ $M25 \times 1.5\text{(G02)}$ increase safety metal cable glands (stopping boxes), one moulded plastic $M25 \times 1.5$ stopping plug	$\Phi 11.5\text{-}16\text{mm}$

• Main technical data:

Certification | Ex mark | Meet the standard

China (PCEC Ex)	Ex deq II C T4 Gb	DIP A21 TA, T6 (Product without fuse)	GB3836 GB12476
China (PCEC Ex)	Ex deqmb II C T4 Gb	DIP A21 TA, T6 (Product with fuse)	GB3836 GB12476

Intended use: Can be used in zone 1 and zone 2, Can be used in zone 21 and zone 22

Ambient temperature use: $-25^{\circ}\text{C} \leq \text{Ta} \leq 40^{\circ}\text{C}$

Degree of protection: IP66

Rated voltage: 110 ~ 240V AC($\pm 10\%$) 50/60Hz

Power factor: $\lambda > 0.98$


Energy efficiency index EEI=A2


Terminals: L, N, PE, each terminal $2 \times 1.5\text{-}10\text{mm}^2$

Cable entry: Moulded plastic $1 \times \text{M}25 \times 1.5$ cable gland,

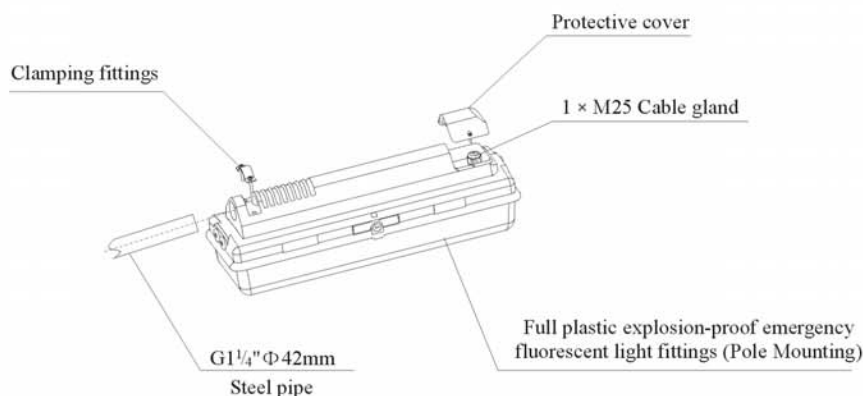
Outside diameter of cable: $\Phi 8\text{-}17\text{mm}$

• Order specifications:

Illustration	Light source code	Lamp tube	Power	Current	Weight	Order No.
	G5 Two-pin lampholder	T5 Type	$2 \times 14\text{W}$	Max 0.16A	6.7kg	CZ0865 / $2 \times 14\text{W-1-PM+}$ <input type="checkbox"/>
			$2 \times 28\text{W}$	Max 0.33A	9.6kg	CZ0866 / $2 \times 28\text{W-1-PM+}$ <input type="checkbox"/>
	G13 Two-pin lampholder	T8 Type	$2 \times 18\text{W}$	Max 0.2A	6.7kg	CZ0865 / $2 \times 18\text{W-1-PM+}$ <input type="checkbox"/>
			$2 \times 36\text{W}$	Max 0.39A	9.6kg	CZ0866 / $2 \times 36\text{W-1-PM+}$ <input type="checkbox"/>

Order No. of mounting accessories  (No matching not noted), see page 63

• Diagram:



• Main technical data:

Certification | Ex mark | Meet the standard

China (PCEC Ex)	Ex deqmb IIC T4 Gb DIP A21 Ta,T6	GB3836 GB12476
IECEX	Ex deqmb IIC T4 Gb Ex tD A21 T 80°C	IEC60079
ATEX	Ex II 2GD Ex deqmb IIC T4 Gb Ex tD A21 T 80°C	EN60079

Intended use: Can be used in zone 1 and zone 2, Can be used in zone 21 and zone 22

Ambient temperature use: $-25^{\circ}\text{C} \leq T_a \leq 40^{\circ}\text{C}$

Degree of protection: IP66

Rated voltage: 110 ~ 240V AC($\pm 10\%$) 50/60Hz

Power factor: $\lambda > 0.98$

Energy efficiency index EEI=A2

Recharging time: 24 h

Emergency starting time: 0.1 (S)

Emergency illuminating time: > 120 (min)


Terminals: L1、L2、L、N、PE, each terminal $2 \times 1.5\text{-}10\text{mm}^2$


Cable entry: Moulded plastic $1 \times M25 \times 1.5$ cable gland,


Outside diameter of cable: $\Phi 8\text{-}17\text{mm}$

Moulded plastic $2 \times M25 \times 1.5$ stopping plugs

• Order specifications:

Illustration	Code of lampholder	Lamp tube	Normal illumination	Emergency illumination	Weight	Order No.
	G5 Two-pin lampholder	T5 Type	$2 \times 14\text{W}$	$1 \times 14\text{W}$	6.8kg	CZ0865 / $2 \times 14\text{W-1 YJ-B+}$ <input type="checkbox"/>
			$2 \times 28\text{W}$	$1 \times 28\text{W}$	9.9kg	CZ0866 / $2 \times 28\text{W-1 YJ-B+}$ <input type="checkbox"/>
	G13 Two pin lampholder	T8 Type	$2 \times 18\text{W}$	$1 \times 18\text{W}$	6.8kg	CZ0865 / $2 \times 18\text{W-1 YJ-B+}$ <input type="checkbox"/>
			$2 \times 36\text{W}$	$1 \times 36\text{W}$	9.9kg	CZ0866 / $2 \times 36\text{W-1 YJ-B+}$ <input type="checkbox"/>

Code of cable gland 

Order No. of mounting accessories
(No matching not noted), see page 63 

• Code of cable gland

Code	Specifications	Cable diameter
B	One moulded plastic $M25 \times 1.5$ cable gland, two moulded plastic $M25 \times 1.5$ stopping plugs	$\Phi 8\text{-}17\text{mm}$
C	One brass CZ0221/ $M25 \times 1.5$ metal cable gland, two moulded plastic $M25 \times 1.5$ stopping plugs	$\Phi 8\text{-}17\text{mm}$
D	Two moulded plastic $M25 \times 1.5$ cable glands, one moulded plastic $M25 \times 1.5$ stopping plug	$\Phi 8\text{-}17\text{mm}$
E	Two brass CZ0221/ $M25 \times 1.5$ metal cable glands, one moulded plastic $M25 \times 1.5$ stopping plug	$\Phi 8\text{-}17\text{mm}$
F	One brass CZ0227/ $M25 \times 1.5\text{-}G^{3/4}$ increasd safety metal cable gland, two moulded plastic $M25 \times 1.5$ stopping plugs	$\Phi 11\text{-}15\text{mm}$
G	Two brass CZ0227/ $M25 \times 1.5\text{-}G^{3/4}$ increasd safety metal cable glands, one moulded plastic $M25 \times 1.5$ stopping plug	$\Phi 11\text{-}15\text{mm}$
H	One brass CZ0226/ $M25 \times 1.5\text{(G02)}$ increasd safety metal cable gland (stopping boxes), two moulded plastic $M25 \times 1.5$ stopping plugs	$\Phi 11.5\text{-}16\text{mm}$
I	Two brass CZ0226/ $M25 \times 1.5\text{(G02)}$ increasd safety metal cable glands (stopping boxes), one moulded plastic $M25 \times 1.5$ stopping plug	$\Phi 11.5\text{-}16\text{mm}$

• Main technical data:

Certification | Ex mark | Meet the standard

China (PCEC Ex) Ex deqmb II C T4 Gb DIP A21 TA, T6

GB3836 GB12476

Intended use: Can be used in zone 1 and zone 2, Can be used in zone 21 and zone 22

Ambient temperature use: $-25^{\circ}\text{C} \leq T_a \leq 40^{\circ}\text{C}$

Degree of protection: IP66

Rated voltage: 110 ~ 240V AC($\pm 10\%$) 50/60Hz

Power factor: $\lambda > 0.98$

Energy efficiency index EEI=A2

Recharging time: 24 h

Emergency starting time: 0.1 (S)


Emergency illuminating time: > 120 (min)

Terminals: L1、L2、L、N、PE, each terminal $2 \times 1.5\text{-}10\text{mm}^2$

Cable entry: Moulded plastic $1 \times \text{M}25 \times 1.5$ cable gland,

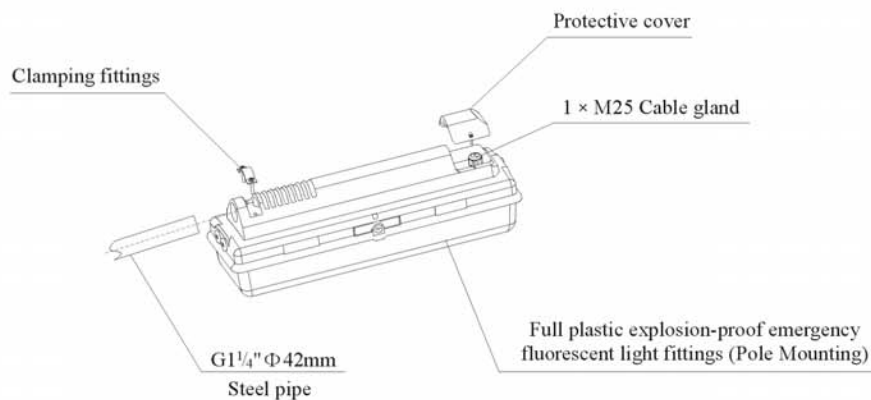
Outside diameter of cable: $\Phi 8\text{-}17\text{mm}$

• Order specifications:






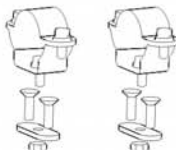



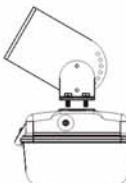

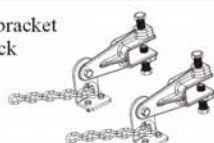






Illustration	Code of lampholder	Lamp tube	Normal illumination	Emergency illumination	Weight	Order No.
	G5 Two-pin lampholder	T5 Type	$2 \times 14\text{W}$	$1 \times 14\text{W}$	8.5kg	CZ0865 / $2 \times 14\text{W-1 YJ-PM+}$ <input type="checkbox"/>
			$2 \times 28\text{W}$	$1 \times 28\text{W}$	11.6kg	CZ0866 / $2 \times 28\text{W-1 YJ-PM+}$ <input type="checkbox"/>
	G13 Two pin lampholder	T8 Type	$2 \times 18\text{W}$	$1 \times 18\text{W}$	8.5kg	CZ0865 / $2 \times 18\text{W-1 YJ-PM+}$ <input type="checkbox"/>
			$2 \times 36\text{W}$	$1 \times 36\text{W}$	11.6kg	CZ0866 / $2 \times 36\text{W-1 YJ-PM+}$ <input type="checkbox"/>

Order No. of mounting accessories
(No matching not noted), see page 63




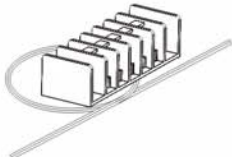
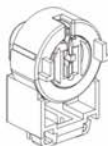
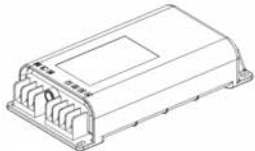

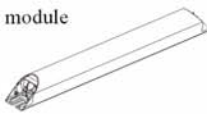
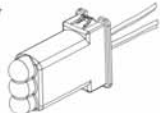

• Diagram:



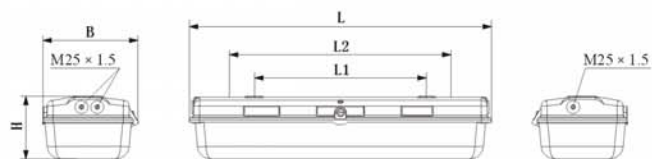
• Accessories of mounting:

Illustration	Descriptions		Unit	Order No.	
Accessories for pendant type 	  	G1 1/4" Φ42mm Steel	Set	J200	
Accessories for chain type 		G1 1/4" Φ42mm Stainless steel	Set	J200/304	
Accessories for clamp type M8 bolt mounting 		G1 1/2" Φ48mm Steel	Set	J300	
		G1 1/2" Φ48mm Stainless steel	Set	J300/304	
		G2" Φ60mm Steel	Set	J400	
		G2" Φ60mm Stainless steel	Set	J400/304	
Support for ceiling type 			Steel	Set	D621
Adjustable mounting bracket 		 	Stainless steel	Set	D621/304
			Set	D8738	
Mounting bracket of oil derrick 			Set	D8730/1	
Lamp pole of wall type 	Used for CZ0865 fluorescent light fittings	Set	D8709/1A		
	Used for CZ0866 fluorescent light fittings	Set	D8709/2A		
Lamp pole of fence type	Used for CZ0865 fluorescent light fittings	Set	D8710/1A		
	Used for CZ0866 fluorescent light fittings	Set	D8710/2A		
Lamp pole of flange type	Used for CZ0865 fluorescent light fittings	Set	D8711/1A		
	Used for CZ0866 fluorescent light fittings	Set	D8711/2A		
Wall mounting bracket of pole type 		Use for pole mounting fluorescent light fittings	Set	D8739	
Lamp pole of fence type		Use for pole mounting fluorescent light fittings	Set	D8740	
Lamp pole of flange type			Set	D8741	
Lamp pole of fence type			Set	D8705	
Lamp pole of flange type			Set	D8706	
Mounting bracket 	Used for CZ0865 fluorescent light fittings	Set	D8742/1		
	Used for CZ0866 fluorescent light fittings	Set	D8742/2		

• Spare parts:

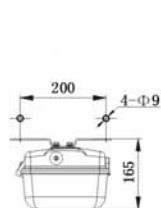
Illustration	Descriptions		Unit	Order No.
Earthing nut 	Metal earthing nut 2-M25 × 1.5		Set	D8714/2-M25
Explosion-proof fuse module 	Type of protection: Ex emb IIC Gb	0.2A	Piece	CZ0804 / T0.2A
		0.4A	Piece	CZ0804 / T0.4A
		0.8A	Piece	CZ0804 / T0.8A
		5A	Piece	CZ0804 / T5A
Explosion-proof isolation switch module 	Type of protection: Ex de IIC, Contact: 2NC (2NC)		Piece	CZ0207-1
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
Explosion-proof lampholder Type of protection: Ex e II 	Explosion-proof G5 lampholder, used for T5 fluorescent lamp tube of energy saving type		Piece	CZ0403/G5
	Explosion-proof G13 lampholder, used for T8 fluorescent lamp tube of energy saving type		Piece	CZ0403/G13
Explosion-proof ballast module 	Type of protection: Ex eq II Gb	Power: 2 × 14W, Used for T5 energy saving type fluorescent light fittings AC110~240V	Piece	CZ0818/2 × 14W-1
		Power: 2 × 28W, Used for T5 energy saving type fluorescent light fittings AC110~240V	Piece	CZ0818/2 × 28W-1
		Power: 2 × 18W, Used for T8 energy saving type fluorescent light fittings AC110~240V	Piece	CZ0818/2 × 18W-1
		Power: 2 × 36W, Used for T8 energy saving type fluorescent light fittings AC110~240V	Piece	CZ0818/2 × 36W-1
Explosion-proof inverter module Type of protection: Ex eq II Gb 	Emergency power: 1 × 18W, 1 × 14W AC110~240V		Piece	CZ0818/1 × 18W(14W)-1 YJ
	Emergency power: 1 × 36W, 1 × 28W AC110~240V		Piece	CZ0818/1 × 36W(28W)-1 YJ
Explosion-proof battery module 	Type of protection: Ex e II, 4.5Ah/6V		Set	CZ0819/4.5Ah 6V
	Type of protection: Ex e II, 4.5Ah/7.2V		Set	CZ0819/4.5Ah 7.2V
Explosion-proof emergency indicator module 	Type of protection: Ex mb II Gb Three colors for LED: red, yellow, green		Set	CZ0802/1
M8/SW13 Sleeve spanner 	Used for CZ0865, CZ0866, Material: Fine quality steel with galvanized surface		Set	D601

● Mounting ways and outline dimensions:



Full plastic explosion-proof (emergency) fluorescent light fittings

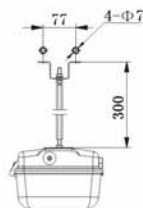
Type	CZ0865 2×14W(18W)	CZ0866 2×28W(36W)
L	698	1310
L1	400	800
L2	550	1100
L3	470	870
L4	800	1300
B	222	222
H	145	145
H1	2510	2510
H2	2500	2500
H3	1050	1050



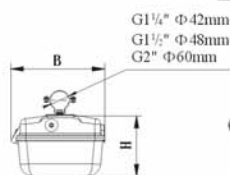
Ceiling type



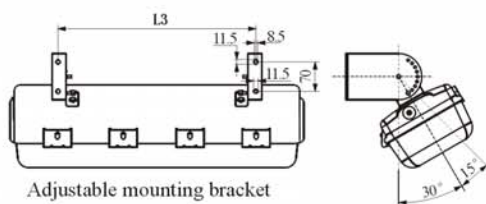
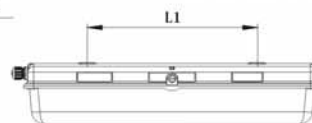
Chain type



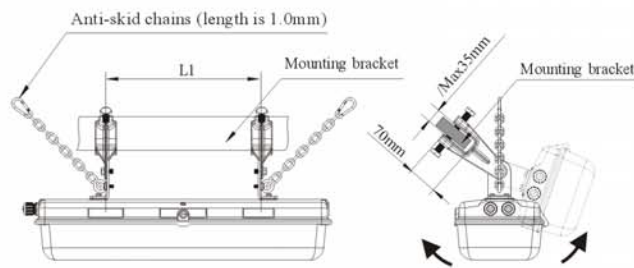
Pendant type



Clamp type

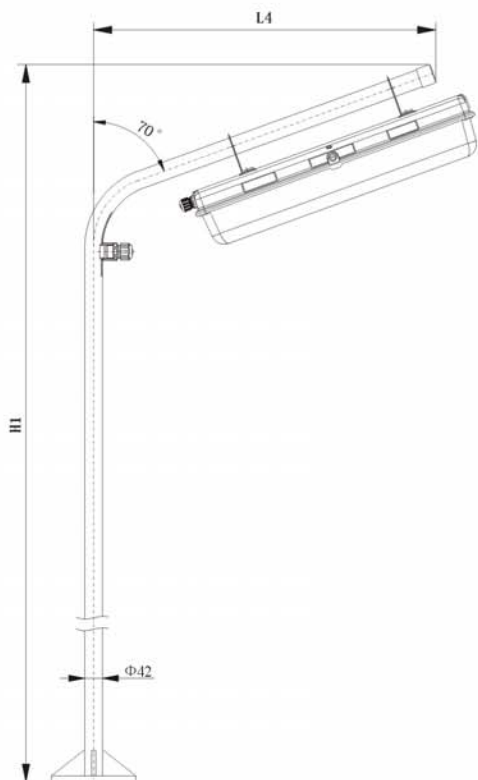


Adjustable mounting bracket

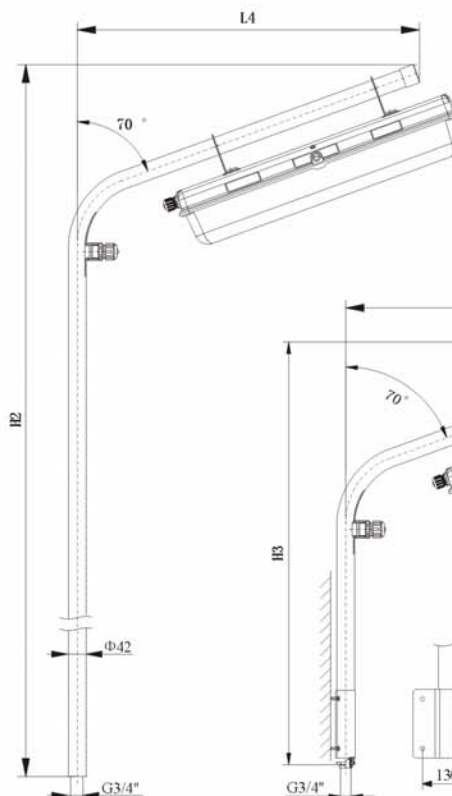


Oil derrick type

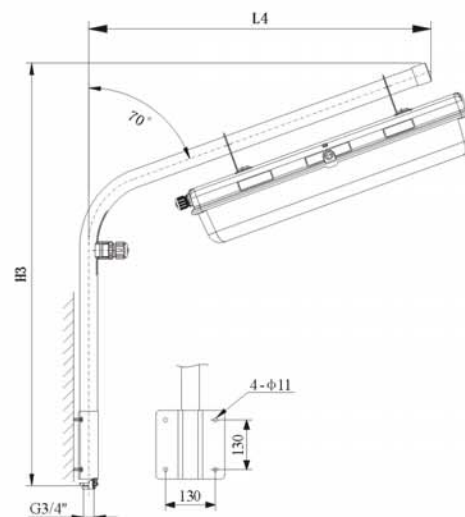
The angle is adjustable



Flange type

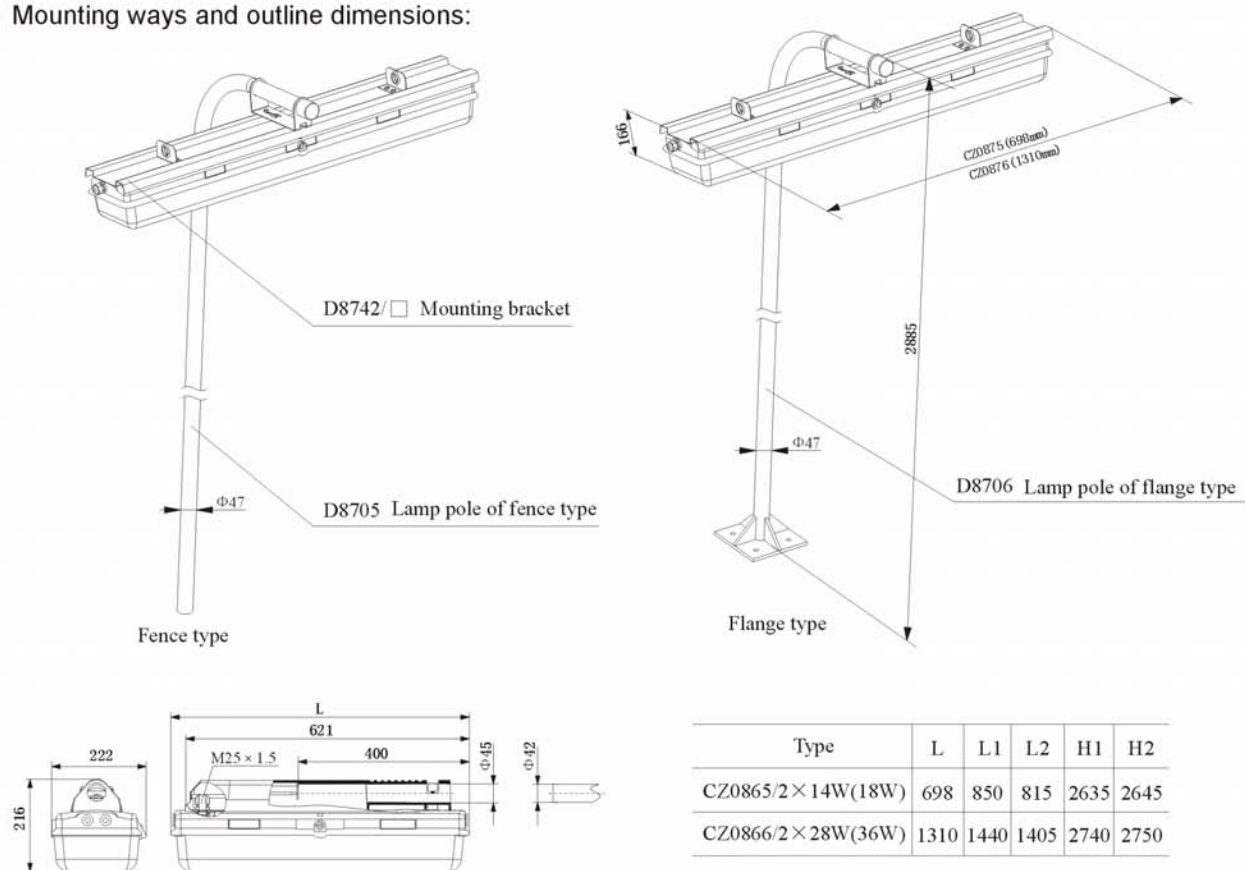


Fence type



Wall type

- Mounting ways and outline dimensions:



Full plastic explosion-proof (emergency) fluorescent light fittings
(Pole Mounting)

