

Main technical data

Certification	Ex mark	Meet the standard
China	Ex db eb mb q IIC T5/T4 Gb Ex tb IIIC T80°C Db	GB/T3836
IECEX	Ex db eb mb q IIC T5/T4 Gb Ex tb IIIC T80°C Db	IEC60079
ATEX	Ex II 2 G D Ex db eb mb q IIC T5/T4 Gb Ex tb IIIC T80°C Db	EN60079

A

Intended use: Can be used in zone 1 and zone 2

Can be used in zone 21 and zone 22

Ambient temperature use: $-40^{\circ}\text{C} \leq T_a \leq +40^{\circ}\text{C}$ (T5)

$-40^{\circ}\text{C} \leq T_a \leq +55^{\circ}\text{C}$ (T4)

Degree of protection: IP66 (IP64 with breather CZ0527)

Rated voltage: AC100 ~ 250V 50/60Hz, DC 100~250V

Light source: LED

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

High power factor / low harmonic: > 0.9 , $< 15\%$

Dimming range: 10% - 100%, Lighting can be turn off

Isolated 0-10V dimming

Configurable output value (Iout / Vout)

Applicable installation height: Wide beam: $\leq 3\text{m}$, Narrow beam: $3 \sim 6\text{m}$

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

Electrical configuration: Standard explosion-proof limit switch (Optional explosion-proof fuse)

Cable entry: Standard M25 (Optional M20)

Standard type: Moulded plastic 1-M25 $\times$ 1.5 cable gland, outside diameter of cable: $\Phi 9\text{-}17\text{mm}$

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

Pole mounting: Moulded plastic 1-M25 $\times$ 1.5 cable gland, outside diameter of cable: $\Phi 9\text{-}17\text{mm}$

Order specifications

Illustration	Light distribution	Power of light source	Luminous flux	Weight (kg)	Order No.
	Wide beam	1 $\times$ LED 26W	3172 lm	4.8	CZ1865/211S-LED0026WWB5B-17-K□-B2+□
		2 $\times$ LED 26W	6412 lm	7.4	CZ1866/211S-LED2026WWB5B-17-K□-B2+□
	Narrow beam	1 $\times$ LED 26W	2839 lm	4.8	CZ1865/211S-LED0026WNB5B-17-K□-B2+□
		2 $\times$ LED 26W	5742 lm	7.4	CZ1866/211S-LED2026WNB5B-17-K□-B2+□
	Wide beam	1 $\times$ LED 26W	3172 lm	6.5	CZ1865/211P-LED0026WWB5B-17-K□-A2+□
		2 $\times$ LED 26W	6412 lm	9.0	CZ1866/211P-LED2026WWB5B-17-K□-A2+□
	Narrow beam	1 $\times$ LED 26W	2839 lm	6.5	CZ1865/211P-LED0026WNB5B-17-K□-A2+□
		2 $\times$ LED 26W	5742 lm	9.0	CZ1866/211P-LED2026WNB5B-17-K□-A2+□

S-Standard type

P-Pole mounting type

Mounting Type

3-3000K **4**-4000K **5**-5000K **6**-6500K

Colour temperature

F: Explosion-proof fuse module (Optional)

Code of cable gland

Order No. of mounting accessories (Optional), see page A/21

Code of cable entry for standard type

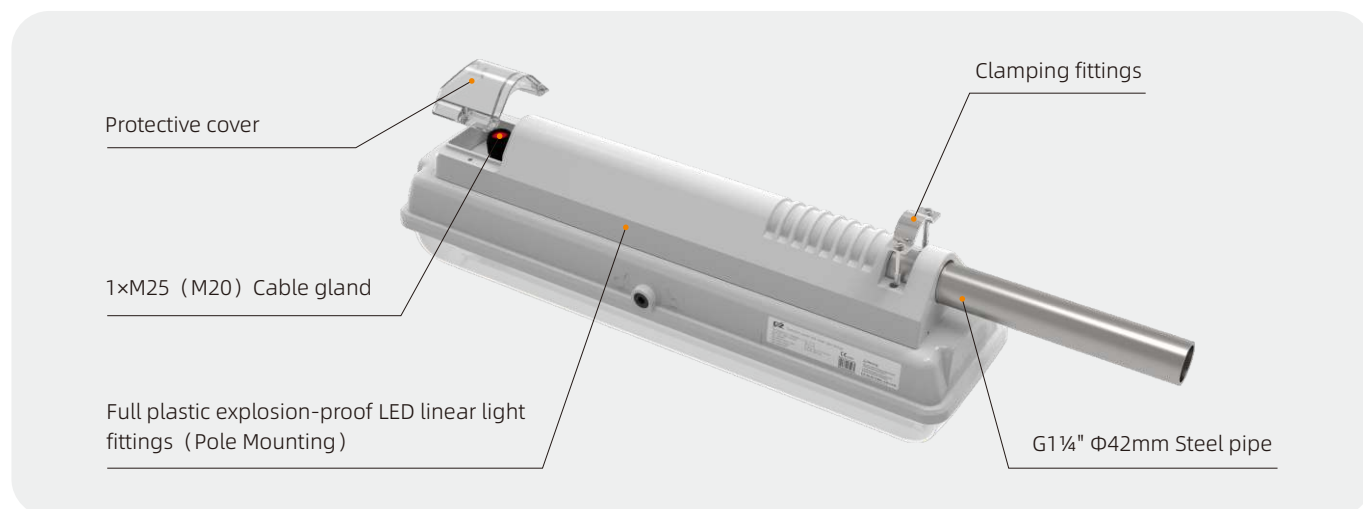
Code	Specifications	Cable diameter
B1	One moulded plastic M20×1.5 cable gland, two moulded plastic M20×1.5 stopping plugs	Φ6-13mm
C1	One brass CZ0221/M20×1.5 metal cable gland, two moulded plastic M20×1.5 stopping plugs	Φ6-13mm
D1	Two moulded plastic M20×1.5 cable glands, one moulded plastic M20×1.5 stopping plug	Φ6-13mm
E1	Two brass CZ0221/M20×1.5 metal cable glands, one moulded plastic M20×1.5 stopping plug	Φ6-13mm
H1	One brass CZ0226/M20×1.5(G01) increased safety metal cable gland, two moulded plastic M20×1.5 stopping plugs	Φ8-13.5mm
I1	Two brass CZ0226/M20×1.5(G01) increased safety metal cable glands , one moulded plastic M20×1.5 stopping plug	Φ8-13.5mm
B2	One moulded plastic M25×1.5 cable gland, two moulded plastic M25×1.5 stopping plugs	Φ9-17mm
C2	One brass CZ0221/M25×1.5 metal cable gland, two moulded plastic M25×1.5 stopping plugs	Φ9-17mm
D2	Two moulded plastic M25×1.5 cable glands, one moulded plastic M25×1.5 stopping plug	Φ9-17mm
E2	Two brass CZ0221/M25×1.5 metal cable glands, one moulded plastic M25×1.5 stopping plug	Φ9-17mm
H2	One brass CZ0226/M25×1.5(G02) increased safety metal cable gland, two moulded plastic M25×1.5 stopping plugs	Φ11.5-16mm
I2	Two brass CZ0226/M25×1.5(G02) increased safety metal cable glands, one moulded plastic M25×1.5 stopping plug	Φ11.5-16mm

A

Code of cable entry for pole mounting type

Code	Specifications	Cable diameter
A1	One moulded plastic M20×1.5 cable gland	Φ6-13mm
A2	One moulded plastic M25×1.5 cable gland	Φ9-17mm

Diagram of pole mounting



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Intended use: Can be used in zone 1 and zone 2

Can be used in zone 21 and zone 22

Ambient temperature use: $-40^{\circ}\text{C} \leq T_a \leq +40^{\circ}\text{C}$ (T5)

$-40^{\circ}\text{C} \leq T_a \leq +55^{\circ}\text{C}$ (T4)

Degree of protection: IP66 (IP64 with breather CZ0527)

Rated voltage: AC100 ~ 250V 50/60Hz, DC 100~250V

Light source: LED

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

Power factor: $\lambda > 0.9$

Recharging time: 24 h

Battery charging ambient temperature: $0^{\circ}\text{C} \sim +55^{\circ}\text{C}$

Battery discharge ambient temperature: $-20^{\circ}\text{C} \sim +70^{\circ}\text{C}$

Emergency starting time: 0.1 s

Emergency illuminating time: > 180 min

Applicable installation height: Wide beam: $\leq 3\text{M}$, Narrow beam: 3 ~ 6M

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

Electrical configuration: Standard explosion-proof limit switch (Optional explosion-proof fuse)

Cable entry: Standard M25 (Optional M20)

Standard type: Moulded plastic 1-M25 $\times$ 1.5 cable gland, outside diameter of cable: $\Phi 9\text{-}17\text{mm}$

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

Pole mounting: Moulded plastic 1-M25 $\times$ 1.5 cable gland, outside diameter of cable: $\Phi 9\text{-}17\text{mm}$

Order specifications

Illustration	Light distribution	Power of light source	Luminous flux		Weight (kg)	Order No.
			Normal illumination	Emergency illumination		
	Wide beam	1 $\times$ LED 26W	3127lm	758lm	7.5	CZ1865/221S-LED0026WWB5B-17-M-K□-B2+□
		2 $\times$ LED 26W	6389lm	1221lm	10.2	CZ1866/221S-LED2026WWB5B-17-M-K□-B2+□
	Narrow beam	1 $\times$ LED 26W	2867lm	702lm	7.5	CZ1865/221S-LED0026WNB5B-17-M-K□-B2+□
		2 $\times$ LED 26W	5769lm	1134lm	10.2	CZ1866/221S-LED2026WNB5B-17-M-K□-B2+□
	Wide beam	1 $\times$ LED 26W	3127lm	758lm	9.2	CZ1865/221P-LED0026WWB5B-17-M-K□-A2+□
		2 $\times$ LED 26W	6389lm	1221lm	11.9	CZ1866/221P-LED2026WWB5B-17-M-K□-A2+□
	Narrow beam	1 $\times$ LED 26W	2867lm	702lm	9.2	CZ1865/221P-LED0026WNB5B-17-M-K□-A2+□
		2 $\times$ LED 26W	5769lm	1134lm	11.9	CZ1866/221P-LED2026WNB5B-17-M-K□-A2+□

S-Standard type **P**-Pole mounting type **3**-3000K **4**-4000K **5**-5000K **6**-6500K **M**-Maintained **F**: Explosion-proof fuse module (Optional)

Code of cable gland Order No.of mounting accessories (Optional) , see page A/21

Mounting Type Colour temperature Type of emergency

Code of cable entry for standard type

Code	Specifications	Cable diameter
B1	One moulded plastic M20×1.5 cable gland, two moulded plastic M20×1.5 stopping plugs	Φ6-13mm
C1	One brass CZ0221/M20×1.5 metal cable gland, two moulded plastic M20×1.5 stopping plugs	Φ6-13mm
D1	Two moulded plastic M20×1.5 cable glands, one moulded plastic M20×1.5 stopping plug	Φ6-13mm
E1	Two brass CZ0221/M20×1.5 metal cable glands, one moulded plastic M20×1.5 stopping plug	Φ6-13mm
H1	One brass CZ0226/M20×1.5(G01) increased safety metal cable gland, two moulded plastic M20×1.5 stopping plugs	Φ8-13.5mm
I1	Two brass CZ0226/M20×1.5(G01) increased safety metal cable glands , one moulded plastic M20×1.5 stopping plug	Φ8-13.5mm
B2	One moulded plastic M25×1.5 cable gland, two moulded plastic M25×1.5 stopping plugs	Φ9-17mm
C2	One brass CZ0221/M25×1.5 metal cable gland, two moulded plastic M25×1.5 stopping plugs	Φ9-17mm
D2	Two moulded plastic M25×1.5 cable glands, one moulded plastic M25×1.5 stopping plug	Φ9-17mm
E2	Two brass CZ0221/M25×1.5 metal cable glands, one moulded plastic M25×1.5 stopping plug	Φ9-17mm
H2	One brass CZ0226/M25×1.5(G02) increased safety metal cable gland, two moulded plastic M25×1.5 stopping plugs	Φ11.5-16mm
I2	Two brass CZ0226/M25×1.5(G02) increased safety metal cable glands, one moulded plastic M25×1.5 stopping plug	Φ11.5-16mm

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Code of cable entry for pole mounting type

Code	Specifications	Cable diameter
A1	One moulded plastic M20×1.5 cable gland	Φ6-13mm
A2	One moulded plastic M25×1.5 cable gland	Φ9-17mm

Diagram of pole mounting

