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Explosion proof products for hazardous area

























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JJ97 Explosion-proof LED flood light

Description

- High pressure die casting aluminum housing The surface is sprayed with high pressure static electricity High explosion-proof grade, light and beautiful appearance
- © Professional cooling design structure, long life of LED lamps
- © Special tempered glass, impact resistance, high strength
- ⊚ High energy saving LED light source, imported light source, green, low energy consumption, long life, free maintenance



Technical Parameters

Product Power	50~300W
	85-265V
© Frequency	50~60Hz
O Power Factor	0.95
O Lamp Brand	Cree

Ex de II C T6 Gb Ex-mark IP65/IP66

IP Rating WF2 **Protection Grade** Ra > 85 ≥120lm/W

-30°C~+50°C ⊚ Temp >50000H

Service Life









Item	Power	Dimension (mm)			
Itelli	TOWEI	Height (H)	Length (L)	Width (W)	
JJ97	50/80/100W	166	330	255	
JJ97	120/150/200W	166	446	306	
JJ97	240/300W	200	520	360	

Light Efficiency Ambient

JJ790 Explosion-proof LED flood light













Item	Power	Dimension		
rtem	1 0 Wei	Height (H)	Length (L)	Width (W)
JJ790 30/40/50W		190	250	118
JJ790	60/70/80/100W	244	300	133
JJ790	120/150W	244	350	133
JJ790	180/200/240W	280	400	133

Description

- O High pressure die casting aluminum housing
- [©] The surface is sprayed with high pressure static electricity
- ⊚ High explosion-proof grade, light and beautiful appearance
 - Professional cooling design structure, long life of LED lamps
- ⊚ Special tempered glass, impact resistance, high strength
- High energy saving LED light source, imported light source, green, low energy consumption, long life, free maintenance

Product Power	30~240W
	85-265V
Frequency	50~60Hz 0.95
O Power Factor	CREE
O Lamp Brand	Ex d e II C T6 Gb
© Ex-mark	IP65/IP66 WF2
O IP Rating	Ra > 85
Protection Grade	≥120lm/W
⊚ CRI	Ra>85
O Light Efficiency	≥120lm/W
Ambient Temp	-30°C~+50°C
O Service Life	>50000H



JJ830 Explosion-proof LED High bay light

Description

- © The light transmissive surface is made of 8mm thick high strength tempered glass;
- © The aluminum substrate adopts imported
- insulation layer from Taiwan, and the thermal conductivity is higher;
- ① The lamp beads are made of American Lumileds chip;
- Built-in high performance waterproof driver power supply, with lighting protection, surge protection, short circuit protection, over voltage protection, over current protection;
- ⊚ The diameter of the outlet is G3/4, and the wire sleeve is made of high temperature resistant silicone material. It will not deform after longterm compression, and will not harden, ensuring long-lasting effective flameproof performance.

Product Power	50~200W
O Input Voltage	85-265V
	50~60Hz
O Power Factor	0.95
O Lamp Brand	CREE
© Ex-mark	Ex d e mb II C T6 Gb
O IP Rating	IP65/IP66
Protection grade	WF2
⊚ CRI	Ra > 85
O Light Efficiency	≥120lm/W
Ambient temp	-30°C~+50°C
O Service Life	>50000H









Item	Power	Height (H)	Dimension (mr Length (L)	n) Width (W)	Weight (kg)
JJ830	50W	155	220	220	3.7
JJ830	100W	155	220	220	4.2
JJ830	150W/200W	220	290	290	5.8

JJ210 Explosion-proof LED High bay light













Item	Power	Height (H)	Dimension (mr Length (L)	n) Width (W)	Weight (kg)
JJ210	30/40/50W	270	220	220	5.5
JJ210	80/100W	285	260	260	6.6
JJ210	120/150W	320	310	310	9.4
JJ210	200W/240W	315	430	430	10.5

Description

- The light transmissive surface is made of 8mm thick high strength tempered glass;
- The aluminum substrate adopts imported insulation layer from Taiwan, and the thermal conductivity is higher;
- The lamp beads are made of American CREE chip;
- Built-in high performance waterproof driver power supply, with lighting protection, surge protection, short circuit protection, over voltage protection, over current protection;
- The diameter of the outlet is G3/4, and the wire sleeve is made of high temperature resistant silicone material. It will not deform after longterm compression, and will not harden, ensuring long-lasting effective flameproof performance.

Product Power	30~240W
O Input Voltage	85-265V
Frequency	50~60Hz
O Power Factor	0.95
O Lamp Brand	Cree
© Ex-mark	Ex d e mb II C T6 Gb
O IP Rating	IP65/IP66
Protection Grade	WF2
⊚ CRI	Ra > 85
O Light Efficiency	≥120lm/W
Ambient Temp	-30°C~+50°C
O Service Life	>50000H



JJ790L Explosion-proof LED street light

Description

- housing
- The surface is sprayed with high pressure static electricity
- ©High explosion-proof grade, light and beautiful appearance
- ⊚ Professional cooling design structure, long life of LED lamps
- ⊚ Special tempered glass, impact resistance, high strength
- High energy saving LED light source, imported light source, green, low energy consumption, long life, free maintenance

O Product Power	30~200W
	85-265V
Frequency	50~60Hz
O Power Factor	0.95
O Lamp Brand	CREE
© Ex-mark	Ex d e II C T6 Gb
O IP Rating	IP65/IP66
Protection Grade	WF2
⊚ CRI	Ra > 85
O Light Efficiency	≥120lm/W
Ambient Temp	-30°C~+50°C
Service Life	>50000H











Item	Power	Dimensionmm) Height (H) Length (L) Width (W)			Weight (kg)
JJ790L	30/40/50W	560	180	55	7.2
JJ790L	60/70/80/100W	560	180	55	7.2
JJ790L	120/150W	635	240	55	9.8
JJ790L	180/200W	730	275	55	12.3



BYS Explosion-proof lighting fixture

Description

- ⊚ Stripe light cover is with high light transmittance, not dazzling, the light is even and soft downy;
- Flame retardant light feet is made of high quality flame retardant materials, with good heat resistance;
- Highlight energy-saving LED light source, green environmental protection, with low energy
- onsumption, maintenance free and other advantages;
- The bottom shell is equipped with a fixed light cover buckle, with high strength and not easy to damage, so that the light can be installed quickly.



Technical Parameters

Product Power	2x9W/2x18W
	220V
	50~60Hz
O Power Factor	0.95
O Lamp Brand	T5/T8
⊚ Ex-mark	Exde IIB T6
O IP Rating	IP65
Protection grade	WF2
⊚ CRI	Ra > 85
Light Efficiency	≥100lm/W
Ambient temp	-30°C~+50°C
Service Life	>50000H
Interface specification	G3/4

8mm~12mm



Item	Power		7.7.1.7. (1)		
rem	1 OWEI	Height (H)	Length (L)	Width (W)	Weight (kg)
BYS-600	2X9W	120	798	208	3.9
BYS-1200	2x18W	120	1380	208	7.6

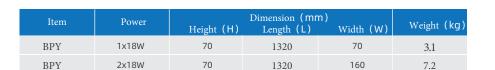
O Cable specification

BPY Explosion-proof lighting fixture









Description

- © Cast aluminum alloy shell, diecasting, surface spray, light structure;
- ⊚ When replacing the lamp, you only need to unscrew the end cap to replace the lamp directly.
- © The shell adopts a full-plastic lamp tube with high light transmittance and strong impact resistance;
- Steel pipe or cable wiring

O Product Power	18~36W
	220V
Frequency	50~60Hz
O Power Factor	0.95
O Lamp Brand	LED
⊚ Ex-mark	Exde IIB T6
O IP Rating	IP65
Protection grade	WF2
⊚ CRI	Ra > 85
○ Light Efficiency	≥100lm/W
Ambient temp	-30°C~+50°C
Service Life	>50000H
Interface specification	G1/2
© Cable specification	6mm~8mm

JJ930 Explosion-proof LED Linear light











Item	Power	Dimension (mm) Height (H) Length (L) Width (W)			Weight (kg)
JJ930	20/30/40W	50	580	100	2.1
JJ930	50/60/70W	50	775	110	2.6
JJ930	80/90/100W	50	1000	110	3.5

Description

- Cast aluminum alloy shell, diecasting, surface spray, light structure;
- When replacing the lamp, you only need to unscrew the end cap to replace the lamp directly
- The shell adopts a full-plastic lamp tube with high light transmittance and strong impact resistance;
- Steel pipe or cable wiring

Product Power	20. 10014
O Innut Valtage	20~100W
Input Voltage	85-265V
Frequency	50~60Hz
O Power Factor	0.95
O Lamp Brand	TAIWAN
⊚ Ex-mark	Ex emb IIB T6
O IP Rating	IP65
O Protection grade	WF2
⊚ CRI	Ra > 85
O Light Efficiency	≥100lm/W
Ambient temp	-55°C~+60°C
O Service Life	>50000H
O Interface specification	G1/2
O Cable specification	6mm~10mm

BCJ系列防爆应急灯

BCJ Explosion-proof Emergency light













	Dimension (mm) Height (H) Length (L)) Width (W)	Weight (kg)
BCJ	240	260	75	3

Description

- high-pressure casting aluminum shell and stainless steel molding, and the surface is sprayed with high-voltage static electricity after shot blasting.
- Exposed fasteners are made of stainless steel with high corrosion resistance;
- Built-in maintenance-free battery pack, automatic charging under normal power supply, emergency in case of accidental power failure, the light is automatically turned on;
- © Emergency working time ≥90min;
- Automatically switch emergency and have functions such as over-discharge and over-charge protection.

Product Power	2x3W
	220V
Frequency	50~60Hz
O Power Factor	0.95
© Ex-mark	Ex d e II C T6 Gb
O IP Rating	IP65
Protection grade	WF2
Emergency power voltage	6V
O Charging time	24h
Emergency start up	0.3s
Emergency duration	≥90min
O Cable specification	9~14mm



BYY Explosion-proof Sign light

Description

- nigh-pressure casting aluminum shell, and the surface is sprayed with high-voltage static electricity after shot blasting.
- © Exposed fasteners are made of stainless steel with high corrosion resistance;
- ® Built-in maintenance-free battery pack, automatic charging under normal power supply, emergency in case of accidental power failure, the light is automatically turned on;
- ⊚ Emergency working time ≥90min;
- Automatically switch emergency and have functions such as
- o over-discharge and over-charge protection.

Input Voltage	220V
© Frequency	50~60Hz
Power Factor	0.95
© Ex-mark	Ex d e II C T6 Gb
O IP Rating	IP65
Protection grade	WF2
Emergency power voltag	6V
Charging time	24h
Emergency start up	0.3s
Emergency duration	≥90min
Cable specification	9~14mm









Item	Dimension (mm) Height (H) Length (L)		Width (W)	Weight (kg)
BYY	165	375	75	2.88

JJ95X12 Explosion-proof Ceiling light













Item	Power	Height (H)	Dimension (mm) Length (L)	Power (W)	Weight (kg)
JJ95X12	10/20W	145	135	135	1.4

Description

- The shell is made of light alloy material, with high light transmittance and good impact resistance, which can make the lamp work normally under various harsh environments.
- © The transparent soap is made of polycarbonate material, which has high light transmittance, impact resistance and photoaging resistance; The reflector is anodized with high-purity aluminum material and has high reflectivity;
- Adopting high-energy-saving LED light source, imported light source, green and environmental protection, with low energy consumption, long life and maintenancefree;

Product Power	10~20W
O Input Voltage	85-265V
Frequency	50~60Hz
O Power Factor	0.95
O Lamp Brand	Lumileds
O Ex-mark	Ex d e mb II C T6 Gb
O IP Rating	IP65/IP66
Protection grade	WF2
⊚ CRI	Ra > 85
O Light Efficiency	≥120lm/W
Ambient temp	-55°C~+60°C
O Service Life	>50000H



BCD Explosion-proof H.I.D.Light

Description

- The housing is die cast in aluminum alloy, with high voltage static plastic sprayed surface.
- Lamp shade of tempered glass, stainless exposed fastener. The guard net surface is dipped after galvanized.
- Fastened with eyelet bolt, it can be tumed on quickly, installed and maintained conveniently.
- The lamp shade may be mounted at request of users.
- Onduit wiring.

Technical Parameters

Implementing the standard

 $\begin{tabular}{ll} \hline \textcircled{\ } Explosion\mbox{-proof mark} \\ \hline \end{tabular}$

Protection grade

(a) Explosion proof grade

Lamp specification

(in Inlet specified)

O Cable spec

GB 3836.1-2010、 GB3836.2-2010、

ExdII BT3

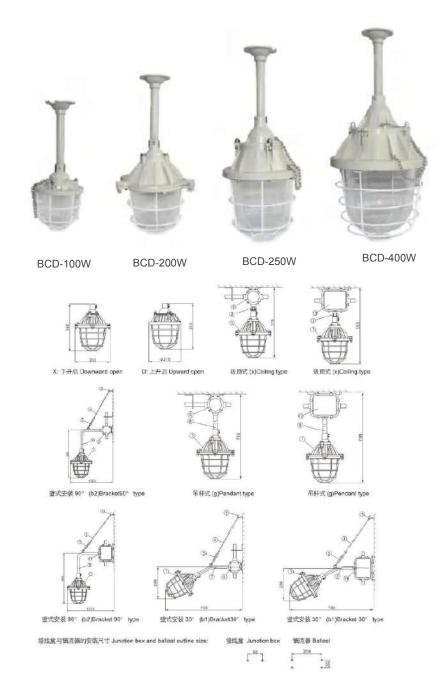
IP65

WF1

E27, E40

G3/4"

 $\oslash 9mm\text{-}\oslash 14mm$



BAT51 Explosion-proof flood lamp

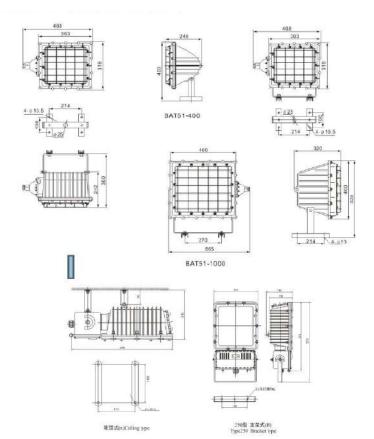






Description

- The enclosure is made of firnk aluminum alloy and proceeded by die casting, and the surface is treated by HV static powder coating;
- \bigcirc The lamp body can rotate 360" in level, its elevation is adjustable in the rang of -60" \sim 90°;
- The cover is opened from the side, which takes convenience for changing the bulb;
- O It adopts the orange-peel diffusion reflection to make the light soft and large illumination angle; Cable is available for wiring.



Technical Parameters

Implementing the Standard GB 3836.1-2010

GB3836.2-2010、

Ex d IIB T3 Gb

Explosion-proof mark

Lamp specification

Inlet spec

E27, E40 ec G3/4"



BCZ8050 GRP Explosion-proof Plug&Socket

Description

- The Shell is made of high strength engineering plastics with good properties such as anti-corrosion,anti-static impact resistance and thermal stability.
- The utility model has a interlocking mechanism, and the plug can be pulled out only after the swtich is segmented in the socket.
- There is no padlock on the socket, when not in use, the socket cover can not be opened by padlock locking.
- © Convenient for field monitoring:Steel Pipe or cable wiring.





Technical Parameters

(in Implementation Standard

GB 3836.1-2010

GB 3836.2-2010、

GB 3836.3-2010

(in Explosion-proof mark

Ex de II CT6

Protection grade

IP65

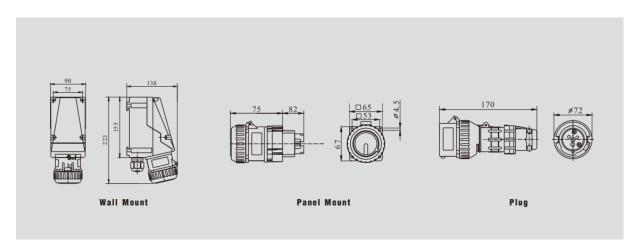
© Explosion proof grade

WF2









AC Explosion-proof Plug&Socket







Description

- The housing is die cast in aluminum alloy, with high voltage static plastic-sprayed surface.
- The plug together with swtich is constructed to form interlocks. Only if switch os off, the plug can be drawn out.

Technical Parameters

Implementing the Standard GB3836.1-2010

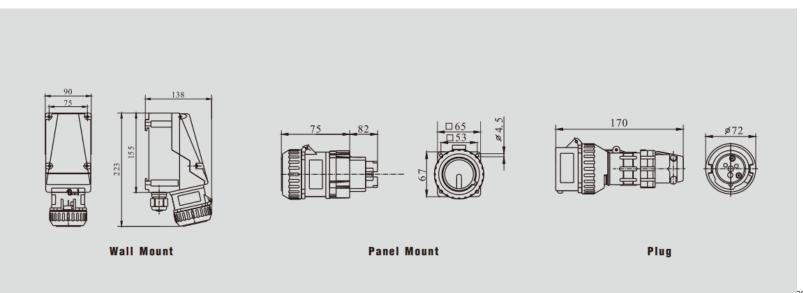
GB3836.2-2010

GB3836.3-2010

Explosion-proof mark Ex de II BT4

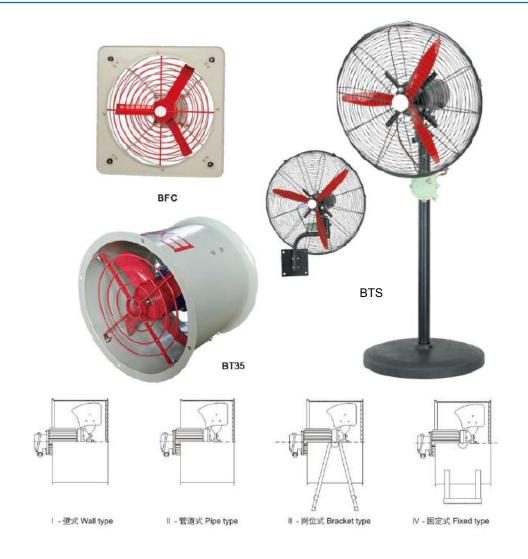
Rated voltage AC380V/220V/50HZ

Protection grade IP65
Explosion-proof grade WF1



Explosion-proof Axial Flow Fan





Туре	BFC Type	BT35 Type	BTS Type	
Ex rate	Ex d IIB T4 Gb; Ex d IIC T4 Gb			
Degree of protection	IP54	P54		
Rated voltage	220/380VAC	220/380VAC		
Size of blade [mm]	300, 400, 500, 600	315; 400; 500; 600	500; 600; 750	
Power consumption [W]	120; 180; 250; 370			
Air volume [m³/min]	2000; 2400; 4900; 9500	2273; 4687; 9133; 18250	6600; 9600; 18000	



BBJ Explosion-proof Alarm Siren Light

90dB

IP65



BBJ-I

Technical Parameters

(6) Product Power 3W

(input Voltage DC24V/AC220V

© Ex-mark Ex de IIB T6

(ii) IP Rating IP65

O Net weight 1.46kg Sound intensity

Explosion proof sound-light alarm light



BBJ-IV

Technical Parameters

O Product Power

(input Voltage DC24V/AC220V

5W

IP65

Ex de IIB T6

Ex-mark

(i) IP Rating

Net weight

1.77kg O Sound intensity 120dB

Explosion-proof three-color sound and light alarm light



Technical Parameters

(6) Product Power 5W

(6) Input Voltage DC24V/AC220V

© Ex-mark Ex de IIB T6

(in IP Rating

O Net weight 1.77kg

Sound intensity 120dB

Explosion-proof three-color sound and light alarm light



BBJ-V

Technical Parameters

Product Power 10W

(i) Input Voltage DC24V/AC220V

© Ex-mark

IP Rating

Net weight

Installation Method

0.77kg 立式、卧式

5W/10W/20W

Ex de IIB T6

IP65

3kg

200cd

DC24V/AC220V

Exd IICT6

IP66

BBJ-III

Technical Parameters

(iii) Product Power 10W O Input Voltage DC24V/AC220V

Ex de IIB T6

(iii) IP Rating IP65 Net weight 3.34kg

Sound intensity 180dB

Explosion proof sound-light alarm light



JJZD

Technical Parameters

O Product Power

(6) Input Voltage © Ex-mark

(ii) IP Rating

Net weight

Sound intensity

Explosion-proof avation obstruction light





Portable Moving Work Light



JJ6102

Technical Parameters

0	Product Power	30W
0	Input Voltage	DC24V
0	Ex-mark	Ex d e II C T6
0	IP Rating	IP65
0	Charging time	<16h
(0)	Battery Lifespan	1000次循环

Item	Height (H)	Dimension (mm) Length (L)	宽 (W)	重量(kg)
JJ6102	568	271	227	18



JJ6105

Technical Parameters

O Product Power	27W
	14.8V
⊚ Ex-mark	Ex d e II C T6
O IP Rating	IP65
Charging time	<10h
Battery Lifespan	1000次循环

Item	Height (H)	Dimension (mm) Length (L)	宽 (W)	重量 (kg)
JJ6105	600	290	225	5.3



JJ6102A

Technical Parameters

Product Power	30W
	DC24V
⊚ Ex-mark	Ex d e II C T6
IP Rating	IP65
Charging time	<16h
Battery Lifesnan	1000

Item	Dimension(mm)			Weight (kg)
rtein	Height (H)	Length (L)	Width (W)	Weight (kg)
JJ6102A	568	271	227	18
		2800		2.5



JJ6110B

Technical Parameters

O Product Power	4X500W
	AC220V
	IP65
Protection Level	8
Working hours	13h
Operational Lifespan	3000hrs

Item	Height	Dimension(mm) Length (L)	Width (W)	Weight (kg
JJ6110B	1580	800	500	72.5
		1600~4500		72.5



JJ6110Q

Metal halide lamp Power	1000W
	AC220V
	IP65
Protection level	8
Working hours	13h
Operational Lifespan	3000hrs

Item Dimension (mm)			Weight (kg)	
recin	Height (H)	Length (L)	Wdith (W)	Weight (kg)
JJ6110Q	1580	800	500	58
		1600~4500		50

Explosion-proof Torch Light





JJ7102

Technical Parameters

O Product Power Input 9W Voltage DC11.1V

Ex-mark Ex d ia IIC T6 Gb

O IP Rating IP68

7-8h O Charging Time

C changing	,			
Item	Height (H)	Dimension (mm) Length (L)	Width (W)	Weight (kg)
JJ7102	154	115	69	0.81



JJ7210

Technical Parameters

O Product Power Input 3W ○ Voltage DC3.7V

© Ex-mark Ex ib IIC T4 Gb

(ii) IP Rating IP68 Charging Time 7-8h

208

Item	Dimension (mm)	Weight (kg)

40

40



JJ7620

Technical Parameters

O Product Power 3W Input Voltage DC3.7V © Ex-mark Ex ib IIC T4 Gb O IP Rating IP68 Charging Time 7-8h

Item		Weight (kg)		
rtem	Height (H) H	Length (L)	Width (W)	weight (kg)
JJ7620	138	28	28	0.13



JJ7623

JJ7210

Technical Parameters

O Product Power Input 3W Voltage DC3.7V © Ex-mark Ex ib IIC T4 Gb

(in IP Rating IP65 (6) Charging Time 7-8h

Item		Weight (kg)		
Item	Height (H) 长(L)	宽 (W)	Weight (kg)
JJ7623	158	35	35	0.17



Technical Parameters

O Product Power 3W Input Voltage DC3.7V © Ex-mark Ex ib IIC T3 Gb (i) IP Rating IP65 (a) Charging Time 5h

Item	Height (H)	Dimension (mm) 长 (L)	宽 (W)	重量 (kg)
JJ5130	80	61	65	0.10



Explosion-proof fittings



AH



YHXe



Explosion proof junction box

Explosion proof wire box

BHZ8050



SW-10



BHZ51



Explosion-proof corrosion-resistant swtich

Explosion-proof lighting switch

Explosion-proof conversion switch









Explosion-proof cable gland

Explosion-proof connector

Explosion-proof flexible conduits