



Company profile

The Company enjoys rich experiences in the planning and implementation of energy conservation projects in various plants, and has developed a number of energy-friendly illumination solutions for the domestic and overseas customers. Smart Solution Systems provides a whole set of technical support, project design, installation and after-sales services for customers in the areas of electric power, metallurgy, petrochemical and coal mine etc.

With the aim of contributing to the nation and shaping brand, and upholding the tenet of win-win situation among customers, employees and the company, Smart Solution Systems, Ltd is endeavouring to create an excellent platform for more and more elites who are to join Smart Solution Systems, and commonly establish a first class illumination enterprise.

Range

Explosion-proof Mining Lights



DGS10/127L(A) DGS24/127L(A) DGS35/127L(A) DGS48/127L(A) Model: Power: 10,24,35,48W



Model: DGS45/127L(A) DGS60/127L(A) Power: 45W 60W



Model: DGS40/127L(B) DGS60/127L(B) Power: 40W 60W



Model: DGY18/36L(A) Power: 18W

Fixed Explosion-proof Lights



Model: BC5401 Series





Model: BC9100 Series Power: 70W, 100W, 150W Power: 40,70,100,150W

P.23



Model: BC9300 Series



MH HPS

Model: BC9500 Series



Model: BC9303 Series



Model: BC9501 Series



Fixed Professional Lights



Model: ZY5301 Series



Model: ZY8101 Series





Model: ZY8100 Series Power: 70W, 100W, 150W



Model: ZY8301 Series Power: 25W, 40W, 60W



Model: ZY8302 Series Model: ZY8501 Series Power: 60,80,100,120W Power: 60-120W



Model: ZY8601 Series Power: 25W, 40W, 60W



Model: ZY8800 Series Power: 6W, 12W



Model: ZY9710 Series Power: 50-120W





Model: 7Y8200 Series



Model: ZY8600 Series Power: 40-150W

Fixed Emergency Lights



Model: BC9101A / B Emergency Power: 15W, 25W



Model: BC9302A / B Emergency Power 15W, 25W



Model: BC9110A / B Emergency Power: 35W, 70W



Model: ZY8101A / B Model: ZY8810,ZY8820 Emergency Power: 15W, 25W Emergency Power 6W, 12W



Model: ZY8110A / B Emergency Powers 35W, 70W

Mobile Explosion-proof Lights



Model: RW3210A-4 Power: 4x30W



Model: BW3210 Power: 30W





P.77

Model: BW7300A / B Power: 1W, 3W

P.83



Model: RW7500A / R / C Power: 1W, 3W, 5W



Model: RW6210 Power: 3W



Model: RW6310A / R Power: 1W, 3W



Model: RW6610A Power: 3x3W

Mobile Professional Lights



P.82

Model: BW7101

Power: 3x3W

Model: ZW3100B / C



Model: ZW3320A / B / C Power: 35W, 45W,100W



Model: ZW35 Series Power: 2x1000,4x1000W



Model: RW6200F

Model: ZW3500C,3510C Power: 2x400,2x1000W





Model: ZW3520C



ZW7600A



Power: 3W



Power: 1W. 3W



DGS10/127L(A), DGS24/127L(A), DGS35/127L(A), DGS48/127L(A) LED Explosion-proof Mining Tunnel Light

DGS10/127L(A), DGS24/127L(A), DGS35/127L(A), DGS48/127L(A) LED Explosion-proof Mining Tunnel Light



LED



















Application

- 1. Approved for safe use in the explosive environment under the coal mine where the methane and the explosive dust exist.
- 2. It is the idea lighting solution for the underground tunnel in the underground chamber in the mining field.

Characteristics

- Its reflector is specially designed for the tunnel. At the height of 3.5meters, 24W can reach 35Lux, 48W can reach 80Lux. The light distribution distance is more than 15meters. It can save 65% on energy than the metal halide lamp.
- It adopts American CREE LED as light source, service life reach 100,000 hours
- Equipment with world famous brand electrical appliance, has a highly stable performance.
- The LED is seamless connected to the heat sink, which help to heat dissipating, ensured the LED'S life span.
- Supplied with stainless chain which have hooks on the end and the chain's length is adjustable.
- The anti corrosion, abrasion proof, power coated cover which is dust proof, water proof, make the lamp an excellent option for all kinds of high stress environment.

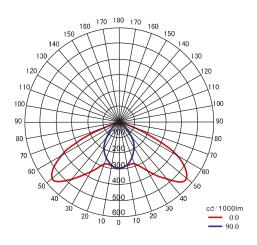
Main specification

Input Voltage	90~264VAC / 127~370VDC
Output Voltage	28VDC
Frequency	50 / 60Hz
Ingress Protection	IP65
Anti Corrosion Grade	WF2
Insulation Grade	I
Space Height Ratio	4
Screw Thread	G3/4"
Cable Diameter	Ф8тт -Ф14тт
Dimension	424×177×77mm
Net Weight	4.1Kg

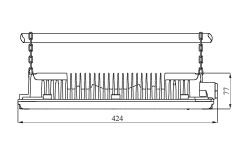
Ordering reference

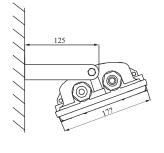
Ordering Reference	Light Source	Rated wattage	Rated wattage Light output		Equivalent to		
Ordering Reference	Light Source	(W)	(lm)	Metal Halide Lamp	Electro less lamp	CFL	
DGS10/127L(A)	LED	10	1,240	/	30W	40W	
DGS24/127L(A)	LED	24	2,792	70W	60W	80W	
DGS35/127L(A)	LED	35	4,620	100W	100W	120W	
DGS48/127L(A)	LED	48	5,240	100~150W	120W	150W	

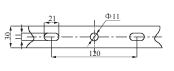
Light distribution curve



Drawing of dimension (Dimensions in mm)







(G) (standard) (B) (optional)

Mounting hole drawing



DGS45/127L(A), DGS60/127L(A) LED Explosion Proof Mining Light

DGS45/127L(A), DGS60/127L(A) LED Explosion Proof Mining Light



LED









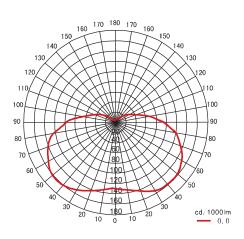




Ex Code: Ex d I Standard: GB3836.1, GB3836.2, Mt221



Light distribution curve



Application

- 1) Approved for safe use in the explosive environment under the coal mine where the methane and the explosive dust exist.
- 2) It is the idea lighting solution for the underground working area tunnel or construction tunnel.

Characteristics

- The aluminium reflector with high gloss reflective finish and unique light distribution curve, enable the lamp to have different luminous effect on the ground, wall and the roof's different so that to efficiently use all the lights.
- It adopts American CREE LED as light source, can save 60% or more on energy than the metal halide lamp
- Equipped with world famous brand electrical appliance, ensuring the lamp have a stable performance.
- The housing is especially designed to dissipate heat, which increase the efficiency and lifespan of the LED, so that to ensure the 100,000 hours LED lifespan.
- Multiple mounting options: wall mounting, ceiling mounting, pendant mounting etc. This lamp can be connected in parallel
- The lamp is flame proof type of protection, Ex d I certified, for safe use in potentially coal mine explosive places.
- The anti corrosion, abrasion proof, power coated cover which is dust proof, water proof, make the lamp an excellent option for all kinds of high stress environment.

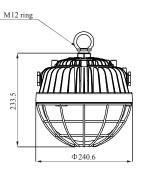
Main specification

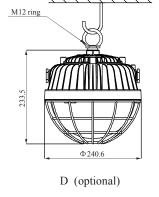
Input Voltage	90~264VAC / 127~370VDC
Output Voltage	48VDC
Frequency	50Hz / 60Hz
Ingress Protection	IP66
Anti Corrosion Grade	WF2
Insulation Grade	I
Space Height Ratio	3.5
Thread	G3/4"
Leading-in cable diameter	Φ8mm~Φ14mm
Dimension	Ф240×233.5mm
Net Weight	5.2Kg

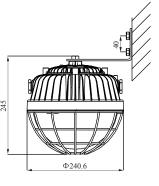
Ordering reference

Ordering Reference Light Source	Rated wattage	Light output	Equivalent to			
Ordering Reference	Light Source	(W)	(W)	(lm)	Metal Halide Lamp	Electro less lamp
DGS45/127L(A)	LED	45	6,372	70~100W	85W	
DGS60/127L(A)	LED	60	7,128	100W	100W	

Drawing of dimension (Dimensions in mm)

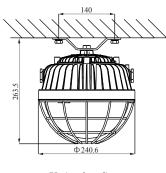


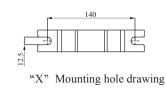




Standard

C (optional)





X (optional)



DGS40/127L(B), DGS60/127L(B) LED Explosion Proof Mining Spotlight

DGS40/127L(B), DGS60/127L(B) LED Explosion Proof Mining Spotlight



LED













Ex Code: Ex d I Standard: GB3836.1, GB3836.2, Mt221



Application

It provides operators with a powerful and energy efficient spotlight for the flammable area such as the coal mine, indoor and outdoor work task, the monitoring spot and other devices.

Characteristics

- Beam Angle: 25° or 80° is available.
- The housing is especially designed to dissipate heat, which increase the efficiency and lifespan of the LED, so that to ensure the 100,000 hours LED lifespan.
- The locking device on the bracket will keep the lamp from shift or trembling when harsh vibration.
- It adopts American CREE LED as light source, can save 60% or more on energy than the metal halide lamp.
- Equipped with world famous brand electrical appliance, ensuring the lamp have a stable performance.
- The lamp is flame proof type of protection, designed for use in harsh environment or explosive application.

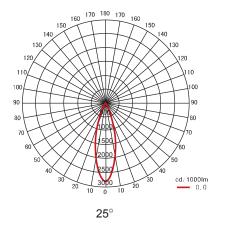
Main specification

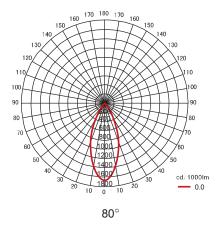
Input Voltage	90~264VAC / 127~370VDC		
Output Voltage	38VDC	48VDC	
Rated wattage	40W	60W	
Frequency	50Hz / 60Hz		
Ingress Protection	IP66		
Anti Corrosion Grade	WF2		
Insulation Grade	I		
Thread	G3/4"		
Leading-in cable diameter	φ 8mm~ φ 14mm		
Dimension	ф 180 × 243mm		
Net Weight	3.8Kg		

Ordering reference

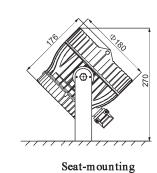
			Pated wattage	ad wattaga Light output	Equivalent to			
Model Number	Beam Angle	Light source	Rated wattage (W)	Light output (lm)	Metal Halide Lamp	Electrode less lamp	High pressure mercury lamp	
DGS40/127L(B)-25°	25°	LED	40	5,508	100W	100W	125W	
DGS40/127L(B)-80°	80°	LED	40	3,308	100 W	100 W	123 W	
DGS60/127L(B)-25°	25°	LED	(0)	7 120	150W	1253	1753	
DGS60/127L(B)-80°	80°	LED	60	7,128	150W	135W	175W	

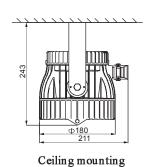
Light distribution curve

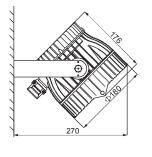


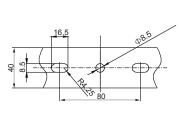


Drawing of dimension (Dimensions in mm)









Side wall-mounting

Mounting size



DGY18/36L(A), DGE18/48L(A) LED Explosion Proof Mining Light

DGY18/36L(A), DGE18/48L(A) LED Explosion Proof Mining Light



LED















Ex Code: Ex d I Mb

Standard: GB3836.1, GB3836.2, MT221



Application

DGY18/48L(A) is approved to be safe used on the drill rig, the transportation equipment under the coal mine.

DGE18/48L(A) is approved to be safe used on the drill rig, the tunnelling assembly equipment under the coal mine.

Characteristics

- Equipped with world famous brand LED driver, ensuring the lamp have a stable performance.
- It adopts American CREE LED as light source, can save 60% or more on energy than the metal halide lamp
- The body is made of casting iron material, high intensity, able to withstand harsh impact expected from heavy industrial use.
- The lamp has a good electromagnetic compatibility performance, Which can avoid the interference to the other electrical appliance and electric power transmission network.
- The anti corrosion, abrasion proof, power coated cover which is dust proof, water proof, make the lamp an excellent option for all kinds of high stress environment.
- The lamp is flame proof type of protection, designed for use in harsh environment or explosive application.

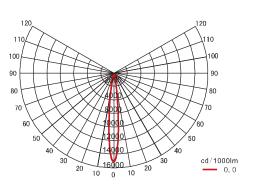
Main specification

Input Voltage	18-43VAC or 18-55VDC
Rated Wattage	18W
Lux at 40 meters	18 Lux
Ingress Protection	IP66
Leading-in Cable Diameter	φ 8mm - φ 14mm
Dimension	194 × 174 × 167mm
Net Weight	7Kg
Material	Casting Iron

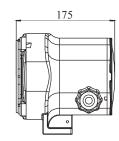
Ordering reference

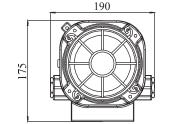
Ordering Reference	Light Source	Rated wattage	Light output	Equivalent to		
Ordering Reference	Light Source	(W)	(lm)	Metal Halide Lamp	Electroless lamp	
DGY18/36L(A)	LED	18	1,950	35W	30W	
DGE18/48L(A)	LED	18	1,950	35W	30W	

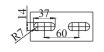
Light distribution curve



Drawing of dimension (Dimensions in mm)







Mounting Hole Drawing



BC5401 Series Explosion proof Fluorescent Light

BC5401 Series Explosion proof Fluorescent Light



LED











ATEX Ex Marking:

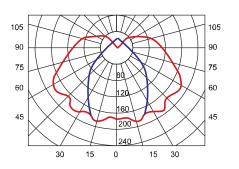
Ex de II B T6 Gb Ex tb IIIC T80°C Db

Standard: GB3836.1, GB3836.2 EN60079-0:2009, EN60079-1:2007, EN60079-31:2009

IEC60079-0:2007, IEC60079-1:2007, IEC60079-31:2008



Light distribution curve



Application

- Can be widely used in petroleum, chemical, terminals, ports, aerospace, aviation, military, processing and other places.
- Harsh environment, moist area.
- Gas explosive environment : Group IIA, IIB, IIC
- Zone 1, Zone2; Zone 21, Zone 22
- Temperature class: T1 to T6

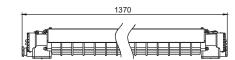
Characteristics

- Support parallel connected, no need to use the junction box, support ceiling, pole, wall mounting type.
- Equipped with world brand light source, electrical appliance.
- Products using flameproof increased safety structure, easy to install with separate wiring chamber, meet the latest requirements of explosion proof lighting, safe and reliable operation in explosive hazardous areas.
- Light housing made of aluminum alloy, high strength, stainless steel exposed fasteners not color, not rust, can prevent rain

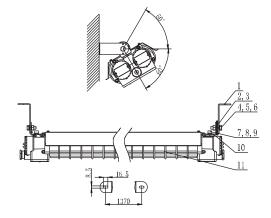
Technical Specification

Model number	BC5401-L2×20	BC5401-Y2×28
Input voltage (V)	AC 100~240V	AC220~240V . AC110~130V
Rated voltage (V)	AC110V , AC115 AC220V , AC230	5V、AC120V、AC127V 0V、AC240V
Input frequency (Hz)	50/60	50/60
Rated power (W)	2×20	2×28
Light source	LED	T5 fluorescent lamp
Luminaire effect (lm/W)	>90	>70
Color temperature (K)	5300~6000	4000
Color rendering index (Ra)	>70	>70
Service life (h)	>50000	>20000
Ex code	€ II2GD Ex de IIC	T6 Gb Ex tb IIIC T80°C Db
Anti corrosion grade	WF2	WF2
Protect grade	IP66	IP66
Factor	>0.95	>0.95
Total harmonic current	<15%	<15%
Housing highest surface temperature (°C)	<80	<80
Weight (kg)	12	12
Mounting angle	360°	360°

Drawing of dimension (Dimensions in mm)



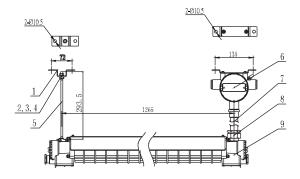




Bracket mounting accessories list

Name	Qty	Number	Name	Qty
Side mount bracket	2	7	Hex cylinder head screw M8X20	2
Positioning plate	2	8	Spring washer 8	2
Philips countersunk head screw M4X6	2	9	Flat washer 8	2
Hex head screw M10X30	2	10	Side mount bracket 2	2
Spring washer 10	2	11	BC5401 explosion proof fluorescent lamp	1
Flat washer 10	2	12		
	Side mount bracket Positioning plate Philips countersunk head screw M4X6 Hex head screw M10X30 Spring washer 10	Side mount bracket 2 Positioning plate 2 Philips countersunk head screw M4X6 2 Hex head screw M10X30 2 Spring washer 10 2	Side mount bracket 2 7	Side mount bracket 2 7 Hex cylinder head screw M8X20 Positioning plate 2 8 Spring washer 8 Philips countersunk head screw M4X6 2 9 Flat washer 8 Hex head screw M10X30 2 10 Side mount bracket 2 Spring washer 10 2 11 BC5401 explosion proof fluorescent lamp

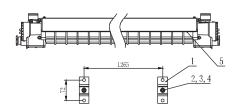
Bracket mounting



Pole mounting accessories list

Number	Name	Qty	Number	Name	Qty
1	Bracket	1	6	Explosion proof junction box	1
2	Hex nut M8	2	7	Pole	2
3	Spring washer 8	2	8	Flat washer 8	2
4	Flat washer 8	2	9	BC5401 explosion proof fluorescent lamp	1
5	Double head pole	1			

Pole mounting



Ceiling mounting

Ceiling mounting accessories list

Number	Name	Qty	Number	Name	Qty
1	Bracket	1	4	Flat washer 8	1
2	Hex cylinder head screw M8X20 M8X	2	5	BC5401 explosion proof fluorescent lamp	2
3	Spring washer 8	2	6		2



BC9101 Series LED Explosion proof Light

BC9101 Series LED Explosion proof Light



LED













€ | | | 2 GD Ex d | | | B T6 Gb, Ex tb | | | | | | T80° C Db

Standard: GB3836.1, GB3836.2

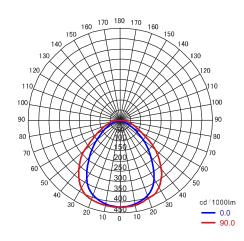
EN60079-0: 2009, EN60079-1: 2007,

EN60079-31: 2009

IEC60079-0: 2007, IEC60079-1: 2007,

IEC60079-31: 2008

Light distribution curve



Application

- Ideal to be used in the oilfield, chemical industry, steel industry, power, port, Petroleum etc.
- Harsh environment, moist area.
- Gas explosive environment: Group IIA; IIB.
- Zone 1, Zone2; Zone 21, Zone 22.
- Temperature class: T1 to T6.

Characteristics

- With its reflector which have different angles design, it efficiently utilize the light. Have a good performance of illuminance uniformity, glare free, can avoid eyestrain to the worker.
- It adopts American CREE LED as light source, can save 60% or more on energy than metal halide lamp.
- The housing is especially designed to dissipate heat, which increase the efficiency and lifespan of the LED, so that to ensure the 100,000 hours LED lifespan.
- World top ranking Taiwan Meanwell LED Driver, power factor:0.98, has a highly stable performance.
- The adjustable locking device on the bracket can tightly fix the lamp to any desired angle, making the lamp resist to harsh vibration
- The anti corrosion, abrasion proof, power coated cover which is dust proof, water proof, make the lamp an excellent option for all kinds of high stress environment.
- Multiple mounting options including ceiling mounting, pendent mounting, wall mounting etc.
- The lamp can parallel connected, no need to use the junction box.
- 18~43VAC or 18~55VDC is optional for 25W and 40W as customer's requirement.

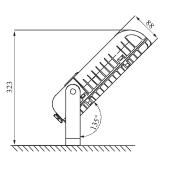
Technical Specification

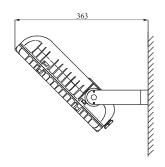
Input Voltage	90~305VAC / 127~431VDC
Frequency	50Hz / 60Hz
Anti corrosion grade	WF2
Insulation Grade	I
Spacing height ratio	4.5
Screw Thread	G3/4"
Cable Diameter	φ 8mm~ φ 14mm
Dimension	370 × 326 × 88mm
Net Weight	6.5Kg

Ordering reference

			D i I ii	T: 1.	Equivalent to				
Model Number	Input Voltage	Light source Rated watta		ted wattage Light output (W) (lm)		Electrode Less Lamp	Energy Saving Lamp	High Pressure Mercury Lamp	
BC9101-L25		LED	25	3,300	70W	60W	80W	80W	
BC9101-L40	90~305VAC or 127~431VDC	LED	40	5,508	100W	100W	130W	125W	
BC9101-L60		LED	60	8,138	150W	135W	180W	175W	
BC9101-L80		LED	80	9,168	175W	165W	/	250W	
Optional									
BC9101-L25-D	18~43VAC	LED	25	3,300	70W	60W	80W	80W	
BC9101-L40-D	or 18~55VDC	LED	40	5,508	100W	100W	130W	125W	

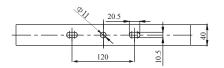
Drawing of dimension (Dimensions in mm)





Seat-mounting

Side wall-mounting



Mounting size



BC9200 Series LED Explosion proof Light

BC9200 Series LED Explosion proof Light

EX

LED

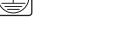












Ex Code: Ex de II C T6 Standard: GB3836.1, GB3836.3 IEC60079-7:2007,MOD





Application

- Ideal to be used in the oilfield, chemical industry, steel industry, power, port, Petroleum etc.
- Harsh environment, moist area.
- Gas explosive environment: Group IIA; IIB.
- Zone 1, Zone2; Zone 21, Zone 22.
- Temperature class: T1 to T6.

Characteristics of performance

- Light Source: American CREE LED, save almost 90% on energy than the incandescent lamp and 60% on energy over the energy saving lamp.
- Long Service Life: with the average service life as long as 100,000 hours, maintenance free.
- Multi-voltage: 90 to 264VAC or 18 to 55VDC
- Feature: LED anti-dazzle lens, making the light more gentle, glare free. It will not cause weariness to the operators' eyes.
- The housing is made of aluminium alloy. With the surface electrostatic spraying treatment, it is anti corrosion.
- Multi-mounting options: Ceiling mounted, wall mounted etc.
- The PC transparency has a high light transmittance, perfect impact resistance, designed to withstand the harsh industrial applications.

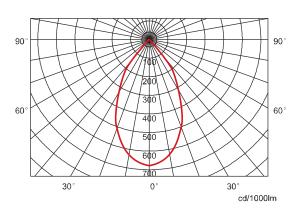
Main specification

Input Voltage	90~264VAC (18-43VAC / 18-55VDC optional)
Output Voltage	14VDC
Frequency	50Hz / 60Hz
Ingress Protection	IP65
Anti Corrosion Grade	WF2
Insulation Grade	I
Space Height Ratio	1.2
Leading-in cable diameter	φ 6mm - φ 8mm
Dimension	ф147×140mm
Net Weight	1.3Kg

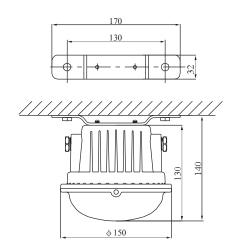
Ordering reference

Ordering Reference	Ordering Reference Light Source		Light output	Equivalent to	
Ordering Reference	Light Source	Rated wattage (W)	(lm)	Compact fluorescent lamp	
BC9200A	LED	4×3W	1,144	28W	
BC9200B	LED	2×3W	572	18W	

Light distribution curve



Drawing of dimension (Dimensions in mm)





BC9302 Series LED Explosion proof Platform Light

BC9302 Series LED Explosion proof Platform Light

EX

LED













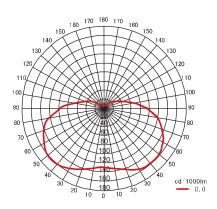
Pole mounting Ceiling mounting

ATEX Ex Marking:

Standard: GB3836.1, GB3836.2 EN60079-0:2009, EN60079-1:2007, EN60079-31:2009 IEC60079-0:2007, IEC60079-1:2007,

IEC60079-31:2008

Light distribution curve



Application

- Ideal to be used in the oilfield, chemical industry, steel industry, power, port, Petroleum etc.
- Harsh environment, moist area.
- Gas explosive environment : Group IIA, IIB, IIC
- Zone 1, Zone2; Zone 21, Zone 22
- Temperature class: T1 to T6

Characteristics

- With the unique light distribution design, make the light well-distributed. Its beam angel can reach 220°. It efficiently utilize the light. Have a good performance of illuminance uniformity, glare free, can avoid eyestrain to the worker.
- Equipped with American CREE LED as light source, can save 60% or more on energy than the metal halide lamp.
- Taiwan Meanwell LED driver, high efficiency, more stable performance.
- The housing is especially designed to dissipate heat. Besides, it uses the thermal transmission to accelerate the heat conduction which increase the efficiency and lifespan of the LED, so that to ensure the 100,000 hours LED lifespan.
- The lamp is made to the highest explosion proof protection grade: flame proof, so that ensure the lamp can safely used in all kinds of inflammable and explosive places.
- The anti corrosion, abrasion proof, power coated cover which is dust proof, water proof, make the lamp an excellent option for all kinds of high stress environment.
- 18~43VAC or 18~55VDC is optional for 25W and 40W as customer's requirement.

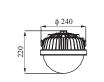
Technical Specification

90~264VAC / 127~370VDC
50Hz / 60Hz
WF2
I
3.5
G3/4"
φ 8mm~ φ 14mm
ф 240 × 220mm
5Kg

Ordering reference

			D + 1 - #	T: 14	Equivalent to				
Model Number	Input Voltage	Light source	Rated wattage (W)	Light output (lm)	Metal Halide Lamp	Electrode Less Lamp	Energy Saving Lamp	High pressure mercury lamp	
BC9302-L25		LED	25	3,300	50~70W	50W	60W	80W	
BC9302-L40	90~264VAC or 127~370VDC	LED	40	5,508	100W	85W	120W	125W	
BC9302-L60		LED	60	7,128	150W	120W	180W	175W	
Optional									
BC9302-L25-D	18~43VAC	LED	25	3,300	50~70W	50W	60W	80W	
BC9302-L40-D	or 18~55VDC	LED	40	5,508	100W	85W	120W	125W	

Drawing of dimension (Dimensions in mm)



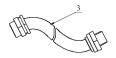
Standard (G3/4 pole mounting type)



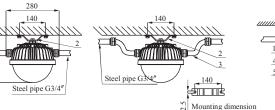
Pole mounting (G)



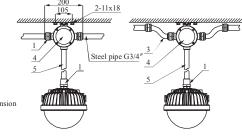
G3/4" Internal to external threaded



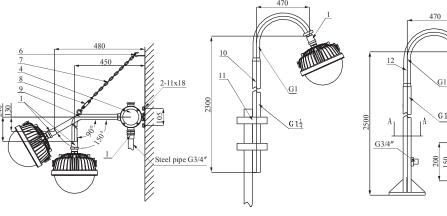
G3/4" Internal to external Connecting pipe



Ceiling mounting (optional)



Pole mounting (optional)



Side wall mounting 90° / 150° (optional)

Flanged- type mounting(optional)

Accessories list (optional)

Number	Name	Quantity	Remark
1	Explosion proof connector		G3/4" internal to external
2	Mounting bracket	1	
3	Connecting pipe	2	G3/4" internal to external
4	Explosion proof junction box	1	G3/4"
5	G3/4" pole	1	The length in accordance with the request of the customer
6	Screw hook	1	
7	Chain	1	
8	Turn buckle	1	
9	G3/4" bend pipe	1	90 degrees and 150 degrees are optional
10	Light pole	1	
11	U-bolts	2	
12	Flanged type pole	1	



BC9303 Series LED Explosion proof Platform Light

BC9303 Series LED Explosion proof Platform Light

LED











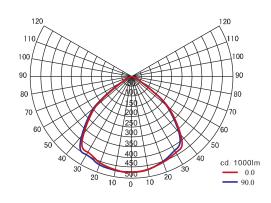


ATEX Ex Marking:

€x II 2 GD Ex d IIB T6 Gb, Ex tb IIC T80°C Db

Standard: GB3836.1, GB3836.2 EN60079-0:2009, EN60079-1:2007, EN60079-31:2009 IEC60079-0:2007, IEC60079-1:2007,

IEC60079-31:2008



Application

- Ideal to be used in the oilfield, chemical industry, steel industry, power, port, Petroleum etc.
- Harsh environment, moist area.
- Gas explosive environment : Group IIA, IIB, IIC
- Zone 1, Zone2; Zone 21, Zone 22
- Temperature class: T1 to T6

Characteristics

- The light distribution and its mounting types are especially designed
- It adopts American CREE LED as light source, can save 60% or more on energy than the metal halide lamp.
- The housing is designed to dissipate heat, which increase the efficiency and the lifespan of the LED, so that to ensure the 100,000 hours led
- Supplied with the world top ranking Taiwan Meanwell LED driver, ensure the lamp of high performance, more efficient.
- The anti corrosion, abrasion proof, power coated cover which is dust proof, water proof, make the lamp an excellent option for all kinds of high stress environment.
- 18~43VAC or 18~55VDC is optional for 25W and 40W as customer's

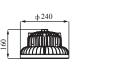
Technical Specification

Input Voltage	90~264VAC / 127~370VDC
Frequency	50Hz / 60Hz
Anti corrosion grade	WF2
Insulation Grade	I
Spacing height ratio	2
Screw Thread	G3/4"
Cable Diameter	φ8mm~ φ14mm
Dimension	ф 240 × 160mm
Net Weight	4Kg

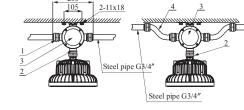
Ordering reference

			D . 1	T: 14	Equivalent to			
Model Number	Input Voltage	Light source	Rated wattage (W)	Light output (lm)	Metal Halide Lamp	Electrode Less Lamp	Energy Saving Lamp	High pressure mercury lamp
BC9303-L25		LED	25	3,300	50~70W	50W	60W	80W
BC9303-L40	90~264VAC or 127~370VDC	LED	40	5,508	100W	85W	120W	125W
BC9303-L60		LED	60	7,128	150W	120W	180W	175W
Optional		•						
BC9303-L25-D	18~43VAC	LED	25	3,300	50~70W	50W	60W	80W
BC9303-L40-D	or 18~55VDC	LED	40	5,508	100W	85W	120W	125W

Drawing of dimension (Dimensions in mm)



Standard (G3/4 pole mounting type)

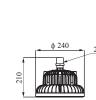


Ceiling mounting (optional)

Pole mounting (optional)



Pole mounting (G)



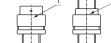
Ceiling mounting (optional)

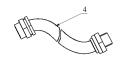
Side wall mounting 90° / 150° (optional)

Flanged- type mounting(optional)

Accessories list (optional)

Number	Name	Quantity	Remark
1	Explosion proof connector		G3/4" internal to external
2	Explosion proof connector		G3/4" extenal to external
3	Explosion proof junction box	1	G3/4"
4	Connecting pipe		G3/4" internal to external
5	G3/4" pole	1	The length in accordance with the request of the customer
6	Screw hook	1	
7	Chain	1	
8	Turn buckle	1	
9	G3/4" bend pipe	1	90 degrees and 150 degrees are optional
10	Light pole	1	
11	U-bolts	2	
12	flanged type pole	1	





G3/4" Internal to externa



BC9501 Series LED Explosion Proof Spotlight

BC9501 Series LED Explosion Proof Spotlight

EX

LED







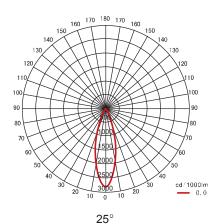






Ex Code: Ex d II C T6 Gb Standard: GB3836.1, GB3836.2 IEC60079-1:2007,MOD

Light distribution curve



80°

Application

- Ideal to be used in the oilfield, chemical industry, steel industry, power, port, Petroleum etc.
- Harsh environment, moist area.
- Gas explosive environment: Group IIA; IIB.
- Zone 1, Zone2; Zone 21, Zone 22.
- Temperature class: T1 to T6.

Characteristics

- \blacksquare Customer can choose the 25° or 80° as the beam angle according to the application.
- The housing is especially designed to dissipate heat, so that to prolong lifespan of the LED, ensure 100,000hours service life.
- The locking device on the bracket will keep the lamp from shift or trembling during harsh vibration.
- It adopts American CREE LED as light source, can save 60% or more on energy than the metal halide lamp.
- Equipped with Taiwan Meanwell top brand LED driver, ensuring the lamp have a stable performance.
- The anti corrosion, abrasion proof, power coated cover which is dust proof, water proof, make the lamp an excellent option for all kinds of high stress environment.
- The lamp is flame proof type of protection, designed to be used in all kinds of explosive application.
- 18~43VAC or 18~55VDC is optional for 25W and 40W as customer's requirement.

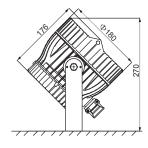
Technical Specification

Input Voltage	90~264VAC / 127~370VDC
Frequency	50Hz / 60Hz
Anti corrosion grade	WF2
Insulation Grade	I
Spacing height ratio	4.5
Screw Thread	G3/4"
Cable Diameter	φ 8mm~ φ 14mm
Dimension	370 × 326 × 88mm
Net Weight	6.5Kg

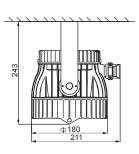
Ordering reference

	Beam			Datad wattaga	Light output		Equivalent to	
Model Number	Angle	Input Voltage	Light source	Rated wattage (W)	(lm)	Metal Halide Lamp	Electrode less lamp	High pressure mercury lamp
BC9501-L25-25°	25°		LED	25	3,300	70W	60W	80W
BC9501-L25-80°	80°		LED	23		/0W	60 W	80 W
BC9501-L40-25°	25°	90~264VAC or 127~370VDC	LED	40	5,508	100W	100W	125W
BC9501-L40-80°	80°		LED					
BC9501-L60-25°	25°		LED	60	7 120	150W	135W	175W
BC9501-L60-80°	80°		LED	00	7,128	130 W	133 W	1/3W
Optional								
BC9501-L25-25° -D	25°		LED	2.5	2 200	70W	COM	0.0777
BC9501-L25-80° -D	80°	18~43VAC or 18~55VDC	LED	25	3,300	/UW	60W	80W
BC9501-L40-25° -D	25°		LED	40	5 500	100W	100W	125W
BC9501-L40-80° -D	80°		LED	40	5,508	100 W	100 W	123 W

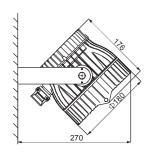
Drawing of dimension (Dimensions in mm)



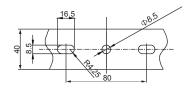
Seat-mounting



Ceiling mounting



Side wall-mounting



Mounting size



BC9700 Series High Power LED Explosion proof Floodlight

BC9700 Series High Power LED Explosion proof Floodlight

LED













Floodlight lens

Streetlight lens

ATEX Ex Marking:

€x II 2 GD Ex d II C T5 or T6 Gb, Ex tb IIC T95°C or T80°C Db

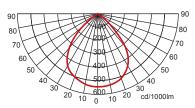
Standard: GB3836.1, GB3836.2 EN60079-0: 2009, EN60079-1: 2007,

EN60079-31: 2009

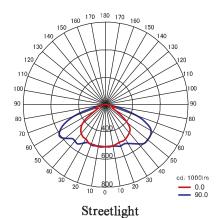
IEC60079-0: 2007, IEC60079-1: 2007,

IEC60079-31: 2008

Light distribution curve



Floodlight



- Ideal to be used in the oilfield, chemical industry, steel industry, power, port, Petroleum etc.
- Harsh environment, moist area.
- Gas explosive environment : Group IIA, IIB, IIC
- Zone 1, Zone2; Zone 21, Zone 22
- Temperature class: T1 to T6

Characteristics

- Adopts America BridgeLux LED light source, can save 60% on energy than metal halide lamp.
- The blade-shape housing and heat sink on back cover ensure the lamp to efficiently dissipate heat so that prolong LED life.
- Taiwan Meanwell LED driver, power factor >0.98, more stable performance.
- Adjustable position-locking device on the bracket can tightly fix the lamp to any desired angle, keep the lamp from moving in harsh vibration area.
- The anti corrosion aluminum alloy body is powder coated, anti corrosion, dust proof, water proof. Suitable to be used in harsh environment.
- Flame proof type of protection, safe for use in all kinds of inflammable
- The lamp can parallel connected, no need to use the junction box.
- \blacksquare Beam angle: 90° (standard), 60° , 120° and streetlight beam angle is optional.

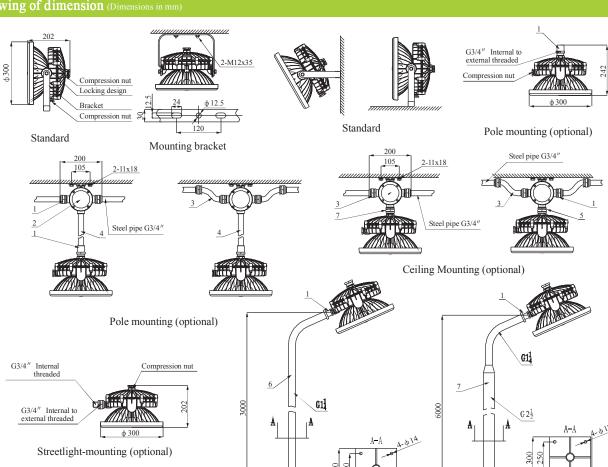
Technical Specification

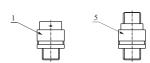
90~305VAC / 127~431VDC
36VDC
50Hz / 60Hz
WF2
I
G3/4"
φ8mm~ φ14mm
ф300×202×332mm
6.3Kg

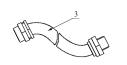
Ordering reference

Model Number	Light Source	Rated wattage	Light output	Temperature Class		Equivalent to	
Model Number	Light Source	(W)	(lm)	Temperature Class	Metal halide lamp	Induction lamp	Mercury lamp
BC9700-L50	LED	50	>4,500	Т6	100W	100W	125W
BC9700-L60	LED	60	>5,400	Т6	150W	135W	175W
BC9700-L80	LED	80	>7,200	Т6	175W	165W	250W
BC9700-L100	LED	100	>9,000	Т6	250W	200W	250~400W
BC9700-L120	LED	120	>10,800	Т5	250~400W	250W	400W

Drawing of dimension (Dimensions in mm)







G3/4" Internal to external

Streetlight-mounting (optional) Accessories list (optional)

Number	Specification	Quantity	Remark
1	Explosion proof connector	1	G3/4" Internal to external
2	Explosion proof junction box	1	G3/4"
3	Connecting pipe	2	G3/4" Internal to external
4	G3/4" pole	1	The length in accordance with the request of the customer
5	Explosion proof connector	1	G3/4" external to external
6	Flange mounted type pole	1	3 meters
7	Street light pole	1	6 meters



BC9100 Series Explosion proof Floodlight

BC9100 Series Explosion proof Floodlight

EX

Ex







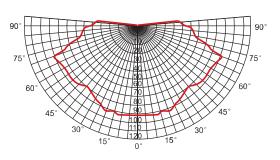








Light distribution curve



cd/1000lm

Application

- Ideal to be used in the oilfield, chemical industry, steel industry, power, port, Petroleum etc.
- Harsh environment, moist area.
- Gas explosive environment : Group IIA, IIB.
- Zone 1, Zone2; Zone 21, Zone 22
- Temperature class: T1 to T6

Characteristics

- Equipped with international famous brand light source and electrical appliance, more stable performance and gives approximately 20% more light over the other manufacturer's.
- The average life span of the light source is more than 10000 hours. Therefore it is low maintenance.
- Two Explosion-proof cavities structure. The wiring cavity is separated from the main flameproof cavity, enhancing safety.
- Made of aluminium alloy, high strength. The spray coating treatment ensure the lamp waterproof, anti corrosion.

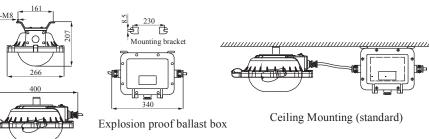
Main specification

Input Voltage	220VAC 50Hz (110V 60Hz Option)
Ingress Protection	IP65
Anti Corrosion Grade	WF2
Insulation Grade	I
Space Height Ratio	2.6
Thread	G3/4"
Leading-in cable diameter	ф 8mm - ф 10mm
Dimension	Lamp 400 × 266 × 170mm
Dimension	Ballast 340 × 220 × 88mm
Net Weight	Lamp 5Kg
rect weight	Ballast 5.2Kg

Ordering reference

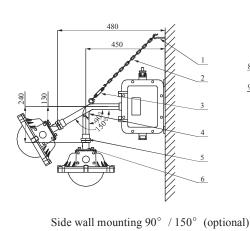
Ordering Reference	Light Source	Rated wattage (W)	Light output (lm)	Lamp Average Life (h)	Temperature
BC9100-J70	Metal halide lamp	70	5,500	10,000	Т6
BC9100-J100	Metal halide lamp	100	9,000	10,000	T4
BC9100-J150	Metal halide lamp	150	13,000	10,000	T4
BC9100-N70	High pressure sodium lamp	70	6,000	28,500	Т6
BC9100-N100	High pressure sodium lamp	100	9,600	28,500	T4
BC9100-N150	High pressure sodium lamp	150	16,000	28,500	T4

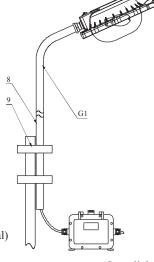
Drawing of dimension (Dimensions in mm)

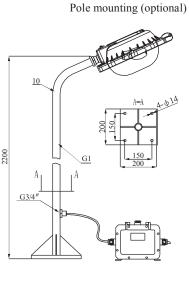


7

Standard







G3/4" Internal to external threaded

Accessories list (optional)

Streetlight-mounting	(optional)
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1000330110	es list (optional)		
Number	Name	Quantity	Remark
1	Screw hook	1	
2	Chain	1	
3	Turn buckle	1	
4	G3/4" pole	1	90 degrees and 150 degrees are optional
5	Explosion proof connector	1	G3/4" internal to external
6	Mounting bracket	1	
7	G3/4" pole	1	The length in accordance with the request of the customer
8	Light pole	1	
9	U-bolts	2	
10	Flanged type pole	1	



BC9300 Serie Explosion proof Platform Light













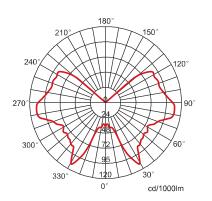


Explosion proof ballast box

Ex Code: Ex d II C T5 Ex d II C T4 Standard: GB3836.1, GB3836.2 IEC60079-1:2007,MOD



Light distribution curve



Application

- Ideal to be used in the oilfield, chemical industry, steel industry, power, port, Petroleum etc.
- Harsh environment, moist area.
- Gas explosive environment : Group IIA, IIB, IIC.
- Zone 1, Zone2; Zone 21, Zone 22
- Temperature class: T1 to T5

Characteristics

- World famous brand light source and electrical appliance, with stable performance. It can give more 20% light over the other manufacturers.
- The average service life of the bulb is over 10,000 hours .Therefore it is low maintenance.
- It uses dual-cavity explosion-proof design, making it safer in explosive and flammable places.
- The housing is made of aluminium alloy and have strong resistant to corrosion, water and dust, suitable to various harsh environments. The surface is subjected to the electro static treatment ,that enhance the anti corrosion performance.
- The protective guard is available.

Main specification

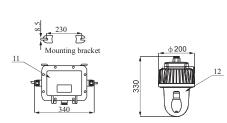
Input Voltage	220VAC 50Hz (110V 60Hz Option)
Ingress Protection	IP65
Anti Corrosion Grade	WF2
Insulation Grade	I
Space Height Ratio	2.5
Thread	G3/4"
Leading-in cable diameter	Φ8mm - Φ14mm
Dimension	Lamp φ200 × 330mm
Dimension	Ballast 340 × 220 × 88mm
Net Weight	Lamp 5.2Kg
rect weight	Ballast 5.3Kg

BC9300 Series Explosion proof Platform Light

Ordering reference

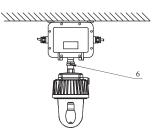
Ordering Reference	Light Source	Rated wattage (W)	Light output (lm)	Lamp Average Life (h)	Temperature
BC9300-J70	Metal halide lamp	70	5,500	10,000	T5
BC9300-J100	Metal halide lamp	100	9,000	10,000	T4
BC9300-J150	Metal halide lamp	150	13,000	10,000	T4
BC9300-N70	High pressure sodium lamp	70	6,000	28,500	T5
BC9300-N100	High pressure sodium lamp	100	9,600	28,500	T4
BC9300-N150	High pressure sodium lamp	150	16,000	28,500	T4

Drawing of dimension (Dimensions in mm)

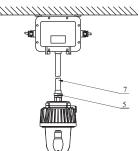


Explosion proof ballast box Standard

Side wall mounting 90° / 150° (optional)



Ceiling Mounting (optional)



26

Pole mounting (optional)

G3/4" Internal to external threaded

Streetlight-mounting (optional)

ccessories list (optional)							
Number	Name	Quantity	Remark				
1	Screw hook	1					
2	Chain	1					
3	Turn buckle	1					
4	G3/4" pole	1	90 degrees and 150 degrees are optional				
5	Explosion proof connector	1	G3/4" internal to external				
6	Mounting bracket	1					
7	G3/4" pole	1	The length in accordance with the request of the customer				
8	Light pole	1					
9	U-bolts	2					
10	Flanged type pole	1					



BC9500 Series Explosion proof Spotlight

BC9500 Series Explosion proof Spotlight



Ex









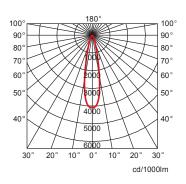




Ex Code: Ex d II C T5
Ex d II C T4

Standard: GB3836.1, GB3836.2 IEC60079-1:2007,MOD

Light distribution curve



Application

- Ideal to be used in the oilfield, chemical industry, steel industry, power, port, Petroleum etc.
- Harsh environment, moist area.
- Gas explosive environment : Group IIA, IIB, IIC.
- Zone 1, Zone2; Zone 21, Zone 22
- Temperature class: T1 to T6

Characteristics

- Light Source: Imported famous brand light source and ballast with high efficient long life span. The average service life of the bulb is over 10,000 hours. Low maintenance.
- World famous brand light source and electrical appliance, with stable performance. It can give more 20% light over the other manufacturers.
- Material: aluminium alloy, tempered glass.
- Surface treatment: electro static spraying treatment
- With strong resistant to corrosion. Water and dust, applicable to various harsh environments.

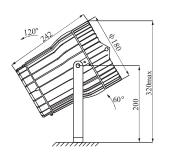
Main specification

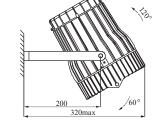
	Specification	Unit	BC9500
	Rated Voltage	V	220VAC
Cable	Lamp	mm	ф 8~ ф 10
Diameter	Ballast box	111111	Ф 8~ Ф 10
	Lamp Head		ф180
Dimension	Length of Lamp Head	mm	242
	Total Height		295
Lamp Weight		Kg	3.8
Weight	Ballast box	Kg	4.2

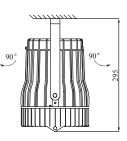
Ordering reference

Ordering Reference	Light Source	Rated wattage (W)	Rated Voltage	Luminous Flux (lm)	Lamp Average Life (h)	Temperature
BC9500-J70	Metal halide lamp	70	220VAC	5,500	10,000	Т5
BC9500-J100	Metal halide lamp	100	220VAC	9,000	10,000	T4
BC9500-J150	Metal halide lamp	150	220VAC	13,000	10,000	T4

Drawing of dimension(Dimensions in mm)



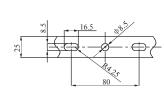




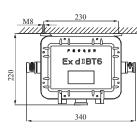
Seat-mounting

Side wall-mounting

Ceiling mounting







Lamp mounting bracket

Explosion proof ballast box



ZY5301 Series LED Low Bay Light

LED











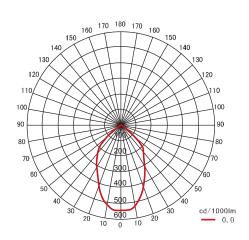
Characteristics

Application

■ The unit efficiently utilize the light, utilization rate can reach 97%. Besides, it has a good performance of illuminance uniformity, glare free, can avoid eyestrain to the worker.

It is an ideal lighting solution for the factory, station, tunnel, control room, transformer room and some other indoor places with low bay roof.

- Vane type structure housing accelerate the heat dissipation, so that to ensure the LED service life.
- It adopts American CREE LED as light source, can save 60% or more on energy than the metal halide lamp
- Equipped with world top ranking brand electrical appliance, make the lamp's performance more stable and efficient.
- The unit have excellent electromagnetic compatibility, will not cause interference to the other device or the electric power transmission network.
- The anti corrosion, abrasion proof, power coated cover which is dust proof, water proof, make the lamp an excellent option for all kinds of high stress environment.
- \blacksquare 10W \sim 25W with input voltage 18~43VAC / 18~55VDC is available.



Main specification

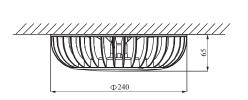
Input Voltage	90~264VAC / 127~370VDC
Output Voltage	24VDC
Frequency	50Hz / 60Hz
Ingress Protection	IP66
Anti Corrosion Grade	WF2
Insulation Grade	I
Space Height Ratio	2
Leading-in cable diameter	φ 6mm - φ 8mm
Dimension	ф 240 × 65mm
Net Weight	1.4Kg

ZY5301 Series LED Low Bay Light

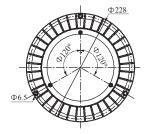
Ordering reference

						Eq	uivalent to	
Model Number	Input Voltage	Light source	Rated wattage (W)	Light output (lm)	Metal Halide Lamp	Electrode Less Lamp	Energy Saving Lamp	Fluorescent lamp
ZY5301-L10		LED	10	1,356	/	30W	36W	1×36W
ZY5301-L25	90~264VAC or 127~370VDC	LED	25	3,378	70W	60W	2×36W	2×36W
ZY5301-L40		LED	40	4,890	100W	100W	120W	2×36W
Optional	Optional							
ZY5301-L10-D	18~43VAC	LED	10	1,356	/	30W	36W	1×36W
ZY5301-L25-D	or 18~55VDC	LED	25	3,378	70W	60W	2×36W	2×36W

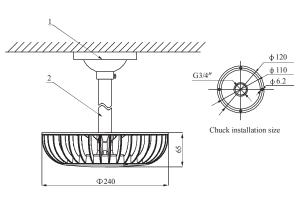
Drawing of dimension(Dimensions in mm)



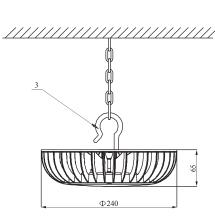
Ceiling Mounting



Ceiling Mounting Size



Pole mounting (optional)



Hook mounting (optional)

Accessories list (optional)

Number	Name	Quantity	Remark
1	Chuck	1	G3/4"
2	G3/4" pole	1	The length in accordance with the request of the customer
3	Hook	1	



LED

IP66

ZY8101 Series

Application

It is an ideal lighting solution for the factory, station, tunnel, control room, transformer room and some other indoor places with low bay roof.

- glare free, can avoid eyestrain to the worker.
- It adopts American CREE LED as light source, can save 60% or more on energy than the metal halide lamp.
- Efficient radiator effective solve the LED light failure caused by
- The locking device on the bracket will keep the lamp from shift or
- resistance corruption, waterproof, dustproof, suitable to be used in all kinds of environments.
- 25W、40W with input voltage 18~43VAC / 18~55VDC is available.

Characteristics

- With its reflector which have different angles design, it efficiently utilize the light. Have a good performance of illuminance uniformity,
- temperature rising, so as to ensure that LED life up to 100,000hrs.
- Equipped with world top ranking brand, Taiwan Meanwell electrical appliance with power factor 0.98, make the lamp's performance more stable and efficient.
- trembling during harsh vibration.
- The housing adopts high-tech surface spraying technology, abrasion

Main parameter

Input Voltage	90~305VAC / 127~431VDC
Output Voltage	42VDC
Frequency	50Hz / 60Hz
Ingress Protection	IP66
Anti Corrosion Grade	WF2
Insulation Grade	I
Space Height Ratio	4.5
Leading-in cable diameter	Φ 6mm - Φ 8mm
Dimension	300 × 300 × 75mm
Net Weight	4.7Kg

Glare Free LED Floodlight

Ordering reference

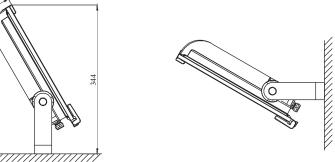
ZY8101 Series

Glare Free LED Floodlight

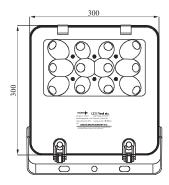
			D 4 1 44	T: 14 4 4	Equivalent to			
Model Number	Input Voltage	Light source	Rated wattage (W)	Light output (lm)	Metal Halide Lamp	Electrode Less Lamp	Energy Saving Lamp	Mercury lamp
ZY8101-L25		LED	25	3,300	70W	60W	80W	80W
ZY8101-L40	AC90~305V	LED	40	5,508	100W	100W	130W	125W
ZY8101-L60	or DC127~431V	LED	60	8,138	150W	135W	180W	175W
ZY8101-L80		LED	80	9,168	175W	165W	/	250W
Optional	Optional							
ZY8101-L25-D	AC18~43V or DC18~55V	LED	25	3,300	70W	60W	80W	80W
ZY8101-L40-D		LED	40	5,508	100W	100W	130W	125W

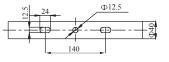
Drawing of dimension(Dimensions in mm)

Seat-mounting



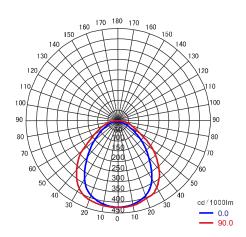
Side wall-mounting





Mounting hole drawing

Light distribution curve





IP66

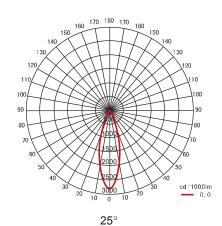
LED

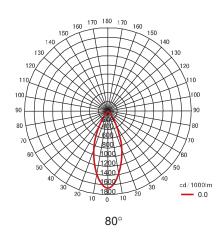






Light distribution curve





ZY8301 Series LED Spotlight

Application

This product is ideal to use as floodlighting in factory, construction site, engineering machinery and other indoor and outdoor site.

Characteristics

- \blacksquare Customer can choose the 25° or 80° as the beam angle according to the application.
- The housing is especially designed to dissipate heat, so that to prolong lifespan of the LED, ensure 100,000hours service life.
- The locking device on the bracket will keep the lamp from shift or trembling during harsh vibration.
- It adopts American CREE LED as light source, can save 60% or more on energy than the metal halide lamp.
- Equipped with Taiwan Meanwell top brand LED driver, ensuring the lamp have a stable performance.
- The anti corrosion, abrasion proof, power coated cover which is dust proof, water proof, make the lamp an excellent option for all kinds of high stress environment.
- 18~43VAC or 18~55VDC is optional for 25W and 40W as customers' requirement.

Technical Specification

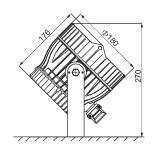
Input Voltage	90~264VAC / 127~370VDC
Frequency	50Hz / 60Hz
Ingress Protection	IP66
Anti corrosion grade	WF2
Insulation Grade	I
Screw Thread	G3/4"
Cable Diameter	φ 8mm~ φ 14mm
Dimension	ф 180 × 243mm
Net Weight	3.8Kg

ZY8301 Series LED Spotlight

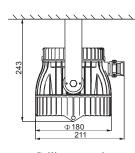
Ordering reference

	Beam			Datad watta as	Light output		Equivalent to		
Model Number	Angle	Input Voltage	Light source	Rated wattage (W)	(lm)	Metal Halide Lamp	Electrode less lamp	High pressure mercury lamp	
ZY8301-L25-25°	25°		LED	25	2 200	70W	60W	80W	
ZY8301-L25-80°	80°		LED	25	3,300	/0 W	60 W	80W	
ZY8301-L40-25°	25°	90~264VAC	LED	40	5,508	100W	100W	125W	
ZY8301-L40-80°	80°	or 127~370VDC	LED	40					
ZY8301-L60-25°	25°		LED	(0)	7.120	150W	12534	175W	
ZY8301-L60-80°	80°		LED	60	7,128	150W	135W	175W	
Optional									
ZY8301-L25-25° -D	25°		LED	25	2 200	7011			
ZY8301-L25-80° -D	80°	18~43VAC	LED	25	3,300	70W	60W	80W	
ZY8301-L40-25° -D	25°	or 18~55VDC	LED	40	5 500	100W	100W	12534	
ZY8301-L40-80° -D	80°		LED	40	5,508			125W	

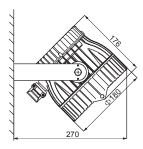
Drawing of dimension (Dimensions in mm)



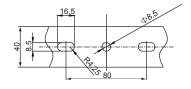
Seat-mounting



Ceiling mounting



Side wall-mounting



Mounting size



ZY8302 Series LED Spotlight

indoor or outdoor places.

Application

It can be used as spotlight in factory, construction site and some other

LED













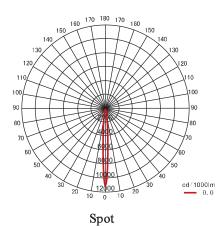


Flood

Characteristics

- It efficiently utilize the light to 95%.Glare free, have a good performance of illuminance uniformity. Operator can choose the beam angle according to the application.
- It adopts American CREE LED as light source, can save 60% or more on energy than the metal halide lamp
- The light source is separated from the electrical appliance. This split style with the high efficiency radiator have solved the heating-up problem so that ensure the 100,000 hours LED lifespan.
- Equipped with world top ranking brand, Taiwan Meanwell electrical appliance with power factor 0.98, make the lamp's performance more stable and efficient
- The locking device on the bracket will keep the lamp from shift or trembling during harsh vibration.
- The housing adopts high-tech surface spraying technology, abrasion resistance corruption, waterproof, dustproof, suitable to be used at all kinds of environments.
- Quick opening lid, easy to maintain.
- Floodlight beam angle is available according to customers' requirement.

Flood



Main specification

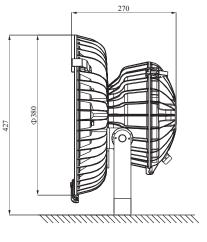
Input Voltage	90~305VAC / 127~431VDC
Output Voltage	54VDC
Frequency	50Hz / 60Hz
Ingress Protection	IP66
Anti Corrosion Grade	WF2
Insulation Grade	I
Space Height Ratio	1.8
Thread	G3/4"
Leading-in cable diameter	φ 10mm - φ 12mm
Dimension	ф 380 × 270mm
Net Weight	8Kg

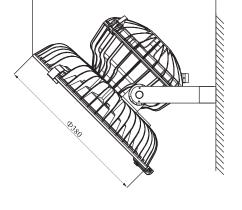
Ordering reference

Ordering Reference	ring Reference Light Source Rated wattage	Light output	Equivalent to			
Ordering Reference	Light Source	(W)	(lm)	Metal Halide Lamp	Electrode Less Lamp	Mercury lamp
ZY8302-L60	LED	60	8,194	150W	135W	175W
ZY8302-L80	LED	80	10,016	175~250W	165W	250W
ZY8302-L100	LED	100	11,568	250W	200W	250~400W
ZY8302-L120	LED	120	13,310	250~400W	250W	400W

ZY8302 Series LED Spotlight

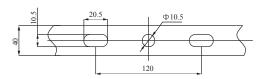
Drawing of dimension(Dimensions in mm)





Seat-mounting

Side wall-mounting



Mounting hole drawing



LED



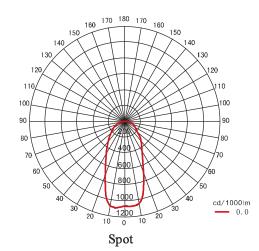


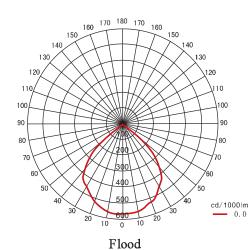






Light distribution curve





ZY8501 Series LED high bay light

Application

The product is suitable for use in power station, petrochemical industry, metallurgy and other indoor and outdoor places.

Characteristics

- Especially designed for high bay, tall roof, It efficiently utilize the light to 95%. Glare free, have a good performance of illuminance uniformity.
- Floodlight or spotlight is both available according to mounting height. (8-15meters: floodlight, >15meters: spotlight)
- It adopts American CREE LED as light source, can save 60% or more on energy than the metal halide lamp.
- The light source is separated from the electrical appliance. This split style with the high efficiency radiator have solved the heating-up problem so that ensure the 100,000 hours LED lifespan.
- Equipped with world top ranking brand, Taiwan Meanwell electrical appliance with power factor 0.98, make the lamp's performance more stable and efficient.
- The locking device on the bracket will keep the lamp from shift or trembling during harsh vibration.
- The shell adopts high-tech surface spraying technology, abrasion resistance and corruption, waterproof, dustproof, suitable to be used in all kinds of environments
- Quick opening lid, easy to maintain.

Main specification

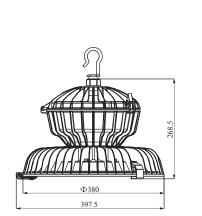
Input Voltage	90~305VAC / 127~431VDC
Output Voltage	54VDC
Frequency	50Hz / 60Hz
Ingress Protection	IP66
Anti Corrosion Grade	WF2
Insulation Grade	I
Space Height Ratio	1.8(Spotlight), 3(Floodlight)
Thread	G3/4"
Leading-in cable diameter	ф 8mm - ф 14mm
Dimension	ф 380 × 268.5mm
Net Weight	7.5Kg

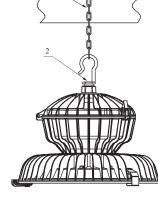
ZY8501 Series LED high bay light

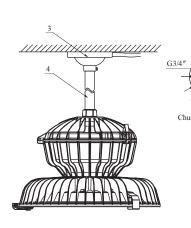
Ordering reference

Ordering Reference	Light Source	Rated wattage	Light output	Equivalent to		
Ordering Reference	Light Source	(W)	(lm)	Metal Halide Lamp	Electrode Less Lamp	Mercury lamp
ZY8501-L60	LED	60	8,194	150W	135W	175W
ZY8501-L80	LED	80	10,016	175~250W	165W	250W
ZY8501-L100	LED	100	11,568	250W	200W	250~400W
ZY8501-L120	LED	120	13,310	250~400W	250W	400W

Drawing of dimension(Dimensions in mm)







Standard

Hook mounting (optional)

Pole mounting (optional)

Accessories list (optional)

	Number	Name	Quantity	Remark
	1	Chain	1	
	2	G3/4" Hook	1	Standard
Г	3	G3/4" Chuck	1	
	4	G3/4" Pole	1	The length in accordance with the request of the customer



ZY8601 Series LED Floodlight

LED



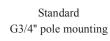






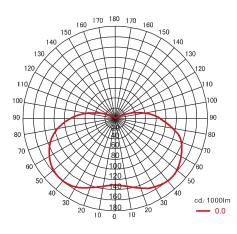








Optional Ceiling mounting



Application

This product is applicable to fixed lighting in various power distribution chambers, main plants, water pump centers, boiler rooms, passages, catwalks, coal storage, etc.

Characteristics

- With the unique light distribution design, make the light welldistributed. Its beam angel can reach 220 degree performance of illuminance uniformity, glare free, can avoid eyestrain to the worker.
- The housing is especially designed to dissipate heat. Besides, it uses the thermal transmission to accelerate the heat conduction which increase the efficiency and lifespan of the LED, so that to ensure the 100,000 hours LED lifespan.
- It adopts American CREE LED as light source, can save 60% or more on energy than the metal halide lamp.
- Equipped with world top ranking electrical appliance, ensure the lamp's performance more stable and efficient.
- Easy to install. The chain on the cover make it more safe when maintenance.
- The housing adopts high-tech surface spraying technology, abrasion resistance and resistance to corrosion, waterproof, dust-proof, suitable to be used in all kinds of environments.
- 18~43VAC or 18~55VDC is optional for 25W and 40W as customers' requirement.

Main specification

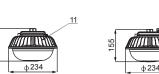
Input Voltage	90~264VAC / 127~370VDC
Frequency	50Hz / 60Hz
Ingress Protection	IP66
Anti Corrosion Grade	WF2
Insulation Grade	I
Space Height Ratio	3.5
Thread	G3/4"
Leading-in cable diameter	φ 8mm - φ 14mm (Ceiling Mounting φ 6mm - φ 8mm)
Dimension	ф 232 × 185mm
Net Weight	2.2Kg

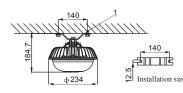
ZY8601 Series LED Floodlight

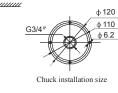
Ordering reference

			D (1)	T: 14	Equivalent to			
Model Number	Model Number Input Voltage Light source		Rated wattage (W)	Light output (lm)	Metal Halide Lamp	Electrode Less Lamp	Energy Saving Lamp	High pressure mercury lamp
ZY8601-L25		LED	25	3,300	50~70W	50W	60W	80W
ZY8601-L40	90~264VAC or 127~370VDC	LED	40	5,508	100W	85W	120W	125W
ZY8601-L60		LED	60	7,128	150W	120W	180W	175W
Optional		•						
ZY8601-L25-D	18~43VAC	LED	25	3,300	50~70W	50W	60W	80W
ZY8601-L40-D	or 18~55VDC	LED	40	5,508	100W	85W	120W	125W

Drawing of dimension(Dimensions in mm)



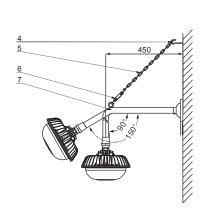


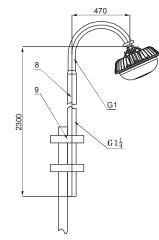


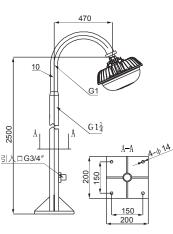
Standard G3/4" pole mounting

Ceiling mounting (optional)

Pole mounting (optional)







Side wall mounting 90° / 150° (optional)

Streetlight-mounting (optional)

Accessories list (optional)

Number	Name	Quantity	Remark
1	Mounting bracket	1	
2	Chuck	1	G3/4"
3	G3/4" pole	1	The length in accordance with the request of the customer
4	Screw hook	1	
5	Chain	1	
6	Turn buckle	1	
7	G3/4" bend pipe	1	90 degrees and 150 degrees are optional
8	Light pole	1	
9	U-bolts	2	
10	Flanged type pole	1	



ZY8800A, ZY8800B LED Lamp

LED



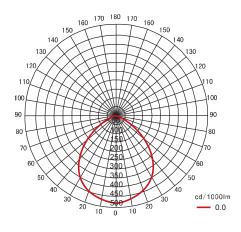






2)

Light distribution curve



Application

This product is applicable to flood lighting in warehouses, trenches, tunnels and some other public places.

Characteristics

- It adopts American CREE LED as light source, can save 60% or more on energy than the metal halide lamp.
- The light source service life can reach 100, 000 hours. Low maintenance.
- World famous brand Electronic Component, provide with more stable performance and high efficient.
- The unit has perfect electromagnetic compatibility feature, can avoid the interference caused to the other device and electric power transmission network.
- Light weight aluminum alloy with latest spray coating treatment. Antirust, corrosion resistant and waterproof.
- The transparent part is made of the imported PC materials. It enjoys a higher light transmission, and can endure impact. Ideal for all kinds of harsh environment.
- 18~43VAC or 18~55VDC is optional as customers' requirement.

Main parameter

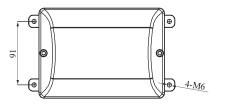
Specification	Unit	ZY8800A ZY8800B		
Input voltage	V	AC90~264		
Frequency	Hz	50	/ 60	
Output voltage	V	DC14		
Light power	W	12 6		
Luminous flux	lm	1,144 680		
High space ratio		2		
Service life	h	100,000		
Size	mm	180 × 130 × 66		
Net weight	Kg	1		

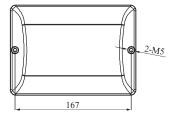
ZY8800A, ZY8800B LED Lamp

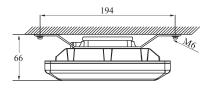
Ordering reference

Ordering Reference	Light Source	Rated wattage	Light output	Equivalent to		
Ordering Reference Light Source		(W) (lm)		Fluorescent lamp	Energy Saving Lamp	
ZY8800A	LED	12	1,144	36W	28W	
ZY8800B	LED	6	680	18W	18W	

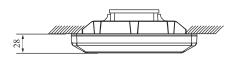
Drawing of dimension(Dimensions in mm)



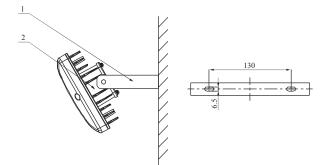




Ceiling mounting (Standard)



Embedded mounting



Accessories list (optional)

Number	Name	Quantity
1	Mounting bracket	1
2	Positioning plate	2

Side wall-mounting (optional)



ZY9710 Series High Power LED Floodlight

LED















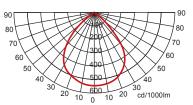
Streetlight lens

Application

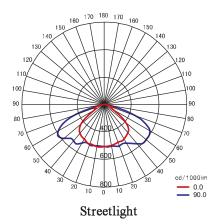
It is ideal to be used as floodlight at the large workshop, plant, stations and anywhere a highly durable and efficient light source is needed.

Characteristics

- It adopts American BridgeLux LED as light source, which is lead in integrated light source technology and performance in the world.
- Vane type structure housing accelerate the heat dissipation, so that to ensure the LED service life.
- Equipped with world top ranking brand Taiwan Meanwell electrical appliance, make the lamp's performance more stable and efficient.
- The locking device on the bracket will keep the lamp from shift or trembling during harsh vibration.
- The housing is made of light aluminium alloy, with sealing, spraying treatment, and shock proof design, strong resistant to corrosion, water and high temperature, applicable to various harsh environments.
- Parallel connection is available, no need to use junction box.
- Beam angle: 90° (standard), 60° , 120° and streetlight beam angle is



Floodlight



Main specification

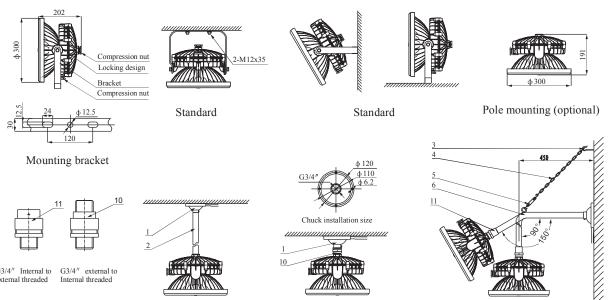
Input Voltage	90~305VAC / 127~431VDC
Frequency	36VDC
Anti corrosion grade	50Hz / 60Hz
Ingress Protection	IP66
Insulation Grade	WF2
Spacing height ratio	I
Space Height Ratio	2
Screw Thread	G3/4"
Cable Diameter	φ 8mm~ φ 14mm
Dimension	ф300×202mm
Net Weight	6.3Kg

ZY9710 Series High Power LED Floodlight

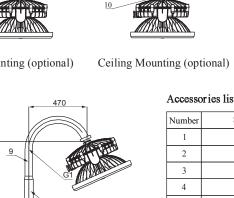
Ordering reference

Madal Namban	Light Source	Rated wattage	Light output	Temperature Class	Equivalent to		
Model Number Light Source (W) (lm) Temperature	Temperature Class	Metal halide lamp	Induction lamp	Mercury lamp			
ZY9710-L50	LED	50	4,500	Т6	100W	100W	125W
ZY9710-L60	LED	60	5,400	Т6	150W	135W	175W
ZY9710-L80	LED	80	7,200	Т6	175W	165W	250W
ZY9710-L100	LED	100	9,000	Т6	250W	200W	250~400W
ZY9710-L120	LED	120	10,800	Т5	250~400W	250W	400W

Drawing of dimension(Dimensions in mm)



Pole mounting (optional)



Accessories list (optional)

Number	Specification	Quantity	Remark
1	Chuck	1	
2	G3/4" pole	1	The length is optional
3	Screw hook	1	
4	Chain	1	
5	Turn buckle	1	
6	G3/4" bend pipe	1	90 degrees or 150 degrees
7	Pole	1	
8	U-bolts	2	
9	Flanged type pole	1	
10	Explosion proof connector	1	G3/4" external to external
11	Explosion proof connector	1	G3/4" Internal to external

Side wall mounting 90° / 150° (optional)

Streetlight-mounting (optional)



ZY8100 Series Anti Glare Floodlight

ZY8100 Series Anti Glare Floodlight











Characteristics

Application

illumination.

■ Light source and electrical appliance adopts world's top brand, high efficiency and stability. It gives 20% more light than the other

It is ideal to use in the factory, railway station, workshop, large storage, gym, large scale building area, tunnel, and laneway as floodlight

- The glass of the lamp is glare free which avoid eyestrain caused to the workers .
- Quick opening lid, easy to maintain.
- Multiple anti corrosion structure and the high strength aluminium alloy housing ensure the lamp can work for a long time in the high frequency vibration atmosphere.
- The housing adopts high-tech surface spraying technology, abrasion resistance corruption, waterproof, dustproof, applicable to all kinds of harsh environments.
- Multiple mounting options: seated mounted, ceiling mounted, wall mounted etc. The lamp's illumination angle can be adjusted within 180° according to the application.

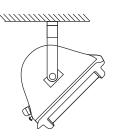
Main specification

Input Voltage	220VAC 50Hz (110V 60Hz Optional)
Ingress Protection	IP65
Anti Corrosion Grade	WF2
Insulation Grade	I
Space Height Ratio	4.5
Leading-in cable diameter	φ 6mm - φ 8mm
Dimension	340 × 293 × 208mm
Net Weight	4Kg

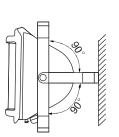
Ordering reference

Ordering Reference	Light Source	Rated wattage (W)	Light output (lm)	Lamp life(h)
ZY8100-J70	Metal Halide Lamp	70	5,500	10,000
ZY8100-J100	Metal Halide Lamp	100	9,000	10,000
ZY8100-J150	Metal Halide Lamp	150	13,000	10,000
ZY8100-N70	High Pressure Sodium Lamp	70	6,000	28,500
ZY8100-N100	High Pressure Sodium Lamp	100	9,600	28,500
ZY8100-N150	High Pressure Sodium Lamp	150	16,000	28,500

Drawing of dimension(Dimensions in mm)



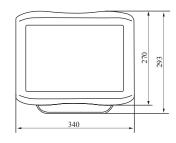


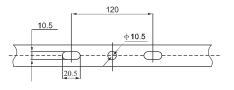


Ceiling mounting

Side wall-mounting

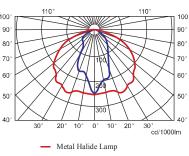
Side wall-mounting





Mounting hole drawing

Light distribution curve



- High Pressure Sodium Lamp



ZY8200 Series Glare Free Floodlight

Application

This product is ideal to use as floodlighting in pathway, electric power, gas station, rail way, large plant, workshop, and any other public places.

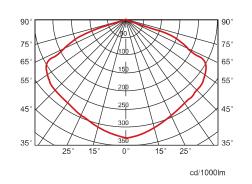
Characteristics

- Adopts famous international brand light source with stable performance, gives 20% more light over the other manufacturers.
- Long service life comes to 12,000 hours and low maintenance.
- The special device on the bottom of the lamp can allow the air get inside so that to balance the internal and external pressure differential and eliminate the water vapor condensation inside the lamp.
- The reflector with diffuse reflection function can make the light beam more gentle and, glare free.
- Mounting bracket can be adjusted to the desired angle.
- The lock screws on the lamp makes it more easy for the operator to open the cover.
- The mounting rack is optional according to customers' requirements.

Main specification

Input Voltage	220VAC 50Hz (110V 60Hz Optional)
Ingress Protection	IP65
Anti Corrosion Grade	WF2
Insulation Grade	I
Space Height Ratio	2.2
Leading-in cable diameter	φ8mm - φ10mm
Dimension	520 × 400 × 175mm
Net Weight	14Kg

Light distribution curve















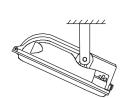




Ordering reference

Ordering Reference	Light Source	Rated Wattage (W)	Light Output (lm)	Lamp Average Life (h)
ZY8200-J250	Metal Halide Lamp	250	25,000	12,000
ZY8200-J400	Metal Halide Lamp	400	36,000	12,000
ZY8200-N250	High Pressure Sodium Lamp	250	27,500	30,000
ZY8200-N400	High Pressure Sodium Lamp	400	50,000	30,000

Drawing of dimension(Dimensions in mm)









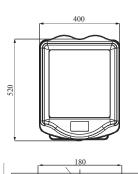
Ceiling mounting

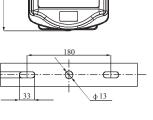
Side wall-mounting

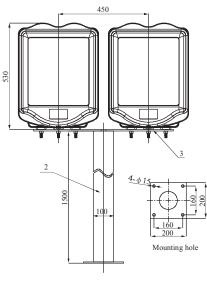
ZY8200 Series Glare Free Floodlight

Seat-mounting

Seat-mounting (optional)







Pole mounting (optional)

Pole mounting (optional)

Accessories list (optional)

Number	Specification	Quantity	Remark
1	120° bracket	1	
2	Mounting bracket	1	The length is optional
3	Double slotted rod	1	
4	Single slotted rod	1	



BC9101A, BC9101B Emergency LED Explosion proof Floodlight

BC9101A, BC9101B Emergency LED Explosion proof Floodlight

EX

LED







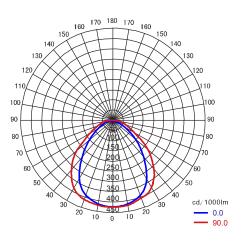




Ex Code: Ex d IIB T6 Gb Standard: GB3836.1, GB3836.2 IEC60079-1:2007,MOD



Light distribution curve



Application

- Ideal to be used in the oilfield, chemical industry, steel industry, power, port, Petroleum etc.
- Harsh environment, moist area.
- Gas explosive environment: Group IIA; IIB.
- Zone 1, Zone2; Zone 21, Zone 22.
- Temperature class: T1 to T6.

Characteristics

- With its reflector which have different angles design, it efficiently utilize the light. Have a good performance of illuminance uniformity, glare free, can avoid eyestrain to the worker.
- It adopts American CREE LED as light source, can save 60% or more on energy than the metal halide lamp
- The housing is especially designed to dissipate heat, which increase the efficiency and lifespan of the LED, so that to ensure the 100,000 hours LED lifespan.
- It uses Taiwan Meanwell electrical appliance which's lifespan is top ranking in the world, power factor:0.98, has a highly stable performance.
- The adjustable locking device on the bracket can tightly fix the lamp to any desired angle, making the lamp resist to harsh vibration
- The anti corrosion, abrasion proof, power coated cover which is dust proof, water proof, make the lamp an excellent option for all kinds of high stress environment.
- Multiple mounting options including ceiling, pendent, wall etc.
- \blacksquare Adjustable mounting bracket enable the operator to choose mounting angle within 90°.
- $\hfill \blacksquare$ The lamp can parallel connected , no need to use the junction box.

Main specification

Input Voltage	90~264VAC / 127~370VDC
Output Voltage	42VDC
Frequency	50Hz / 60Hz
Recharge Time	>5 hours
Ingress Protection	IP66
Anti Corrosion Grade	WF2
Insulation Grade	I
Space Height Ratio	4.5
Thread	G3/4"
Leading-in cable diameter	Ф 8mm - Ф 14mm
Dimension	370 × 326 × 75mm
Net Weight	5.5Kg

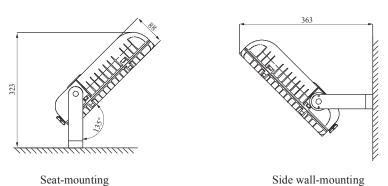
Ordering reference

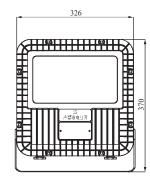
Model No.	Model No. Type		Normal illuminate	Emergency	Emergency	Emergency	Replace
	* 1		Wattage (W)	Wattage (W)	Duration (minute)	Luminous Flux(lm)	MH
BC9101A-L25-L15			25	15	120	2,134	35W
BC9101A-L40-L15	Normal illuminate + Emergency	LED	40	15	120	2,134	35W
BC9101A-L60-L15			60	15	120	2,134	35W
BC9101B-L15	Only Emergency	LED	/	15	120	2,134	35W
BC9101A-L25-L25			25	25	70	3,300	70W
BC9101A-L40-L25	Normal illuminate + Emergency	LED	40	25	70	3,300	70W
BC9101A-L60-L25			60	25	70	3,300	70W
BC9101B-L25	Only Emergency	LED	/	25	70	3,300	70W

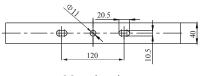
Remark: BC9101A: Under normal condition, BC9101A will use normal external power to illuminate (its rated power can be made to 25W / 40W / 60W). In the case of power outrage or in any situation where power is interrupted, this unit will automatically switch to battery backup (lamp wattage can be made to 15W / 25W under emergency mode) which will power the unit for 120 or 70 minutes (15W: 120minutes, 25W: 70minutes).

BC9101B is only applied for emergency lighting when power outrage, and on normal condition it is off.

Drawing of dimension(Dimensions in mm)







Mounting size

*MH: Metal halide lamp



BC9302A, BC9302B Emergency LED Explosion proof Platform Light

BC9302A, BC9302B Emergency LED Explosion proof Platform Light

EX

LED











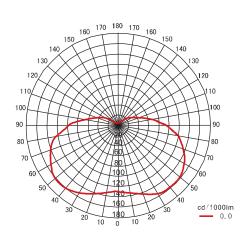


Pole mounting Ceiling mounting

Ex Code: Ex d II C T6 Gb Standard: GB3836.1, GB3836.2 IEC60079-1:2007,MOD



Light distribution curve



Application

- Ideal to be used in the oilfield, chemical industry, steel industry, power, port, Petroleum etc.
- Harsh environment, moist area.
- Gas explosive environment : Group IIA, IIB, IIC
- Zone 1, Zone2; Zone 21, Zone 22
- Temperature class: T1 to T6

Characteristics

- With the unique light distribution design, make the light well-distributed. Its beam angel can reach 220°. It efficiently utilize the light. Have a good performance of illuminance uniformity, glare free, can avoid eyestrain to the worker.
- It adopts American CREE LED as light source, can save 60% or more on energy than the metal halide lamp.
- Equipped world top ranking electrical appliance, ensure the lamp's performance more stable and efficient.
- The housing is especially designed to dissipate heat. Besides, it uses the thermal transmission to accelerate the heat conduction which increase the efficiency and lifespan of the LED, so that to ensure the 100,000 hours LED lifespan.
- The lamp is made to the highest explosion proof protection grade: flame proof, so that ensure the lamp can safely used in all kinds of inflammable and explosive places.
- The lamp can be parallel connected, no need to use the junction box.
- The anti corrosion, abrasion proof, power coated cover which is dust proof, water proof, make the lamp an excellent option for all kinds of high stress environment.

Main specification

Input Voltage	90~264VAC / 127~370VDC
Output Voltage	42VDC
Frequency	50Hz / 60Hz
Recharge Time	>5 hours
Ingress Protection	IP66
Anti Corrosion Grade	WF2
Insulation Grade	I
Space Height Ratio	3.5
Thread	G3/4"
Leading-in cable diameter	φ 8mm - φ14mm
Dimension	ф 240 × 220mm
Net Weight	5Kg

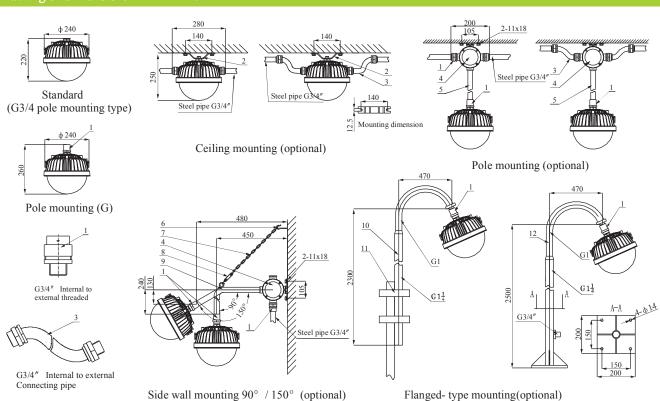
Ordering reference

Model No.	Туре	Light Source	Normal illuminate	Emergency	Emergency	Emergency	Replace
Wiodel No.	Турс	Eight Source	Wattage (W)	Wattage (W)	Duration (minute)	Luminous Flux(lm)	МН
BC9302A-L25-L15			25W	15W	120	2,134	35W
BC9302A-L40-L15	Normal illuminate + Emergency	IED	40W	15W	120	2,134	35W
BC9302A-L60-L15	<i>5</i>		60W	15W	120	2,134	35W
BC9302B-L15	Only Emergency	LED	/	15W	120	2,134	35W
BC9302A-L25-L25			25W	25W	70	3,300	70W
BC9302A-L40-L25	Normal illuminate + Emergency	LED	40W	25W	70	3,300	70W
BC9302A-L60-L25	-		60W	25W	70	3,300	70W
BC9302B-L25	Only Emergency	LED	/	25W	70	3,300	70W

Remark: BC9302A: Under normal condition, BC9302A will use normal external power to illuminate (its rated power can be made to 25W / 40W / 60W). In the case of power outrage or in any situation where power is interrupted, this unit will automatically switch to battery backup (lamp wattage can be made to 15W / 25W under emergency mode) which will power the unit for 120 or 70 minutes (15W: 120minutes, 25W: 70minutes).

BC9302B is only applied for emergency lighting when power outrage, and on normal condition it is off.

Drawing of dimension(Dimensions in mm)



Accessories list (optional)

Accessor	Accessories list (optional)									
Number	Name	Quantity	Remark	Number	Name	Quantity	Remark			
1	Explosion proof connector		G3/4" internal to external	7	Chain	1				
2	Mounting bracket	1		8	Turn buckle	1				
3	Connecting pipe	2	G3/4" internal to external	9	G3/4" bend pipe	1	90 degrees or 150 degrees			
4	Explosion proof junction box	1	G3/4"	10	Light pole	1				
5	G3/4" pole	1	The length is optional	11	U-bolts	2				
6	Screw hook	1		12	Flanged type pole	1				

6 Screw hook 1 12 Flanged type pole 1 66



BC9110A, BC9110B Emergency Explosion proof Floodlight















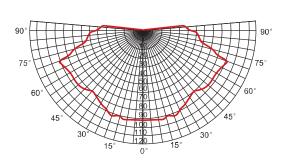
Ex Code: Ex de II B T5 Ex de II B T4

Standard: GB3836.1, GB3836.2, GB3836.3 IEC60079-1:2007,MOD IEC60079-7:2006,MOD



Light distribution curve

67



cd/1000lm

Application

- Ideal to be used in the oilfield, chemical industry, steel industry, power, port, Petroleum etc.
- Harsh environment, moist area.
- Gas explosive environment : Group IIA, IIB.
- Zone 1, Zone2; Zone 21, Zone 22
- Temperature class: T1 to T6

Characteristics

- Under normal condition, BC9110A will use normal external power to illuminate.
- In the case of power outrage or in any situation where power is interrupted, this unit will automatically switch to battery backup which will power the unit for 80 or 40 minutes. (BC9110A-J35:80 minutes, BC9110A-J70:940minutes)
- BC9110B is only applied for emergency lighting when power outrage, and on normal condition it is off.
- 70w Equipped with international famous brand light source and electrical appliance, more stable performance and gives approximately 20% more light over the other manufacturer's.
- The average life span of the light source is more than 10,000 hours. Therefore it is low maintenance.
- Two Explosion-proof cavities structure. The wiring cavity is separated from the main flameproof cavity, enhancing safety.
- Made of aluminium alloy, high strength. The spray coating treatment ensure the lamp waterproof, anti corrosion.

Main specification

Input Voltage	220VAC 50Hz
Recharge Time	>12 hours
Ingress Protection	IP65
Anti Corrosion Grade	WF2
Insulation Grade	I
Space Height Ratio	2.6
Thread	G3/4"
Leading-in cable diameter	ф 8mm - ф 10mm
Dimension	Lamp 400 × 266 × 170mm
Dimension	Ballast 325 × 246 × 120mm
Net Weight	Lamp 5Kg
rvet weight	Ballast 5.5Kg

BC9110A, BC9110B Emergency Explosion proof Floodlight

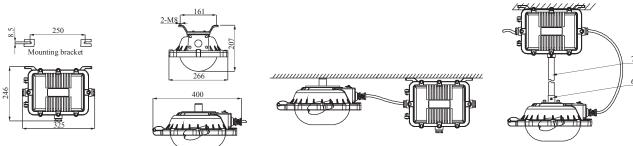
Ordering reference

Model No.	Туре	Light Source	Normal illuminate Wattage (W)	Emergency Wattage (W)	Emergency Duration (minute)	Emergency Luminous Flux(lm)
BC9110A-J35	Normal illuminate	Metal Halide Lamp	35W	35W	80	2,500
BC9110A-J33	+ Emergency	Wetai Hande Lamp	35W	35W	80	2,500
BC9110B-J35	Only Emergency	Metal Halide Lamp	/	35W	80	2,500
BC9110A-J70	Normal illuminate	Metal Halide Lamp	70W	70W	40	5,500
BC9110A-370	+ Emergency		70W	70W	40	5,500
BC9110B-J70	Only Emergency	Metal Halide Lamp	/	70W	40	5,500

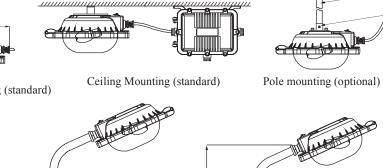
Remark: BC9110A: Under normal condition, BC9110A will use normal external power to illuminate. In the case of power outrage or in any situation where power is interrupted, this unit will automatically switch to battery backup which will power the unit for 80 or 40 minutes.

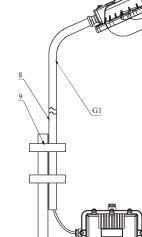
BC9110B is only applied for emergency lighting when power outrage, and on normal condition it is off.

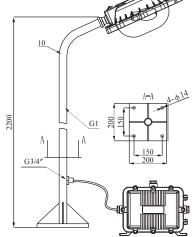
Drawing of dimension(Dimensions in mm)



Explosion proof ballast box Ceiling Mounting (standard)







Side wall mounting 90° / 150° (optional)

Streetlight-mounting (optional)

Accessories list (optional) Streetlight-mounting (optional)							
Number	Name	Quantity	Remark	Number	Name	Quantity	Remark
1	Screw hook	1		6	Mounting bracket	1	
2	Chain	1		7	G3/4" pole	1	The length is optional
3	Turn buckle	1		8	Light pole	1	
4	G3/4" pole	1	90 degrees or 150 degrees	9	U-bolts	2	
5	Explosion proof connector	1	G3/4" internal to external	10	Flanged type pole	1	



ZY8101A, ZY8101B Emergency LED Floodlight

LED





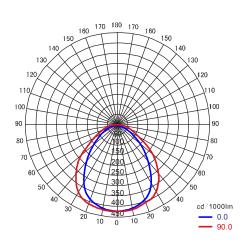








Light distribution curve



Application

It is ideal to use in the factory, railway station, workshop, large storage, gym, large scale building area, tunnel and laneway as emergency illumination.

Characteristics

- With its reflector which have different angles design, it efficiently utilize the light. Have a good performance of illuminance uniformity, glare free, can avoid eyestrain to the worker.
- It adopts American CREE LED as light source, can save 60% or more on energy than the metal halide lamp
- Efficient radiator effective solve the LED light failure caused by temperature rising, so as to ensure that LED life up to 100,000hrs.
- Equipped with world top ranking brand, Taiwan Meanwell electrical appliance with power factor 0.98, make the lamp's performance more stable and efficient.
- The locking device on the bracket will keep the lamp from shift or trembling during harsh vibration.
- The housing adopts high-tech surface spraying technology, abrasion resistance corruption, waterproof, dustproof, suitable to be used in all kinds of environments
- Easy to install and maintenance.

Main specification

Input Voltage	90~264VAC / 127~370VDC
Output Voltage	42VDC
Frequency	50Hz / 60Hz
Recharge Time	>5 hours
Ingress Protection	IP66
Anti Corrosion Grade	WF2
Insulation Grade	I
Space Height Ratio	4.5
Thread	G3/4"
Leading-in cable diameter	φ 6mm - φ 8mm
Dimension	300 × 300 × 75mm
Net Weight	4.7Kg

ZY8101A, ZY8101B Emergency LED Floodlight

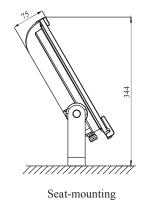
Ordering reference

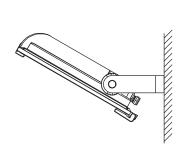
Model No.	Type	Light Source	urce	Emergency	Emergency	Emergency	Replace
Model IVo.	-578*		Wattage (W)	Wattage (W)	Duration (minute)	Luminous Flux(lm)	MH
ZY8101A-L25-L15			25W	15W	120	2,134	35W
ZY8101A-L40-L15	Normal illuminate + Emergency	LED	40W	15W	120	2,134	35W
ZY8101A-L60-L15	g y		60W	15W	120	2,134	35W
ZY8101B-L15	Only Emergency	LED	/	15W	120	2,134	35W
ZY8101A-L25-L25			25W	25W	70	3,300	70W
ZY8101A-L40-L25	Normal illuminate + Emergency	LED	40W	25W	70	3,300	70W
ZY8101A-L60-L25			60W	25W	70	3,300	70W
ZY8101B-L25	Only Emergency	LED	/	25W	70	3,300	70W

Remark: ZY8101A: Under normal condition, ZY8101A will use normal external power to illuminate (its rated power can be made to 25W / 40W / 60W). In the case of power outrage or in any situation where power is interrupted, this unit will automatically switch to battery backup (lamp wattage can be made to 15W / 25W under emergency mode) which will power the unit for 120 or 70 minutes (15W: 120minutes, 25W: 70minutes).

ZY8101B is only applied for emergency lighting when power outrage, and on normal condition it is off.

Drawing of dimension(Dimensions in mm)





Side wall-mounting

TIPLE 10 Parks

φ12.5 φ12.5

Mounting hole drawing

*MH: Metal halide lamp



ZY8810, ZY8820 Emergency LED Light

LED



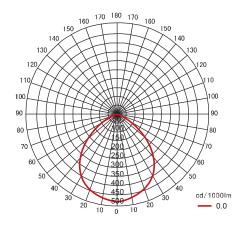








Light distribution curv



Application

This product is ideal to use as floodlight or emergency lighting in workshops, warehouses, trenches, tunnels and some other public places.

Characteristics

- Has tested function, can quickly test lamps installed function is normal or not.
- The light source adopts the world's most bright LED, the United States CREE brand, power consumption for only 40% of the metal halide lamp.
- Efficient radiator effective solution the LED failure which because of temperature rise, so as to ensure the life to 100,000 hours.
- The transparent part is made of the imported PC materials, with antidazzle design. Featuring gentle light, even lighting and no dazzle, it can effectively avoid visual fatigue caused to operators during the operation.
- Emergency power using lithium-ion polymer battery, safe and effective long service life.

Main specification

Parameter	Unit	ZY8810A / ZY8820A	ZY8810B / ZY8820B	
Output Voltage	VAC	90~264		
Frequency	Hz	50Hz	/ 60Hz	
Output Voltage	VDC	1	4	
Light power	W	12	6	
Luminous	lm	920	640	
LED adverage life	h	100,000		
Emergency time	h	10	10	
Charging time	h	7		
Battery life		Cycle	1000	
Space Height Ratio		2		
Dimension	mm	180×130×65		
Net Weight	Kg	2		

ZY8810, ZY8820 Emergency LED Light

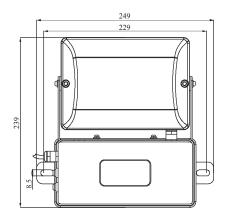
Ordering reference

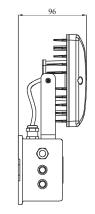
Ordering Reference	Туре	Light Source	tht Source Emergency Wattage (W) Emergency Duration (hours)	Emergency	Luminous flux (lm)	Replace	
Ordering Reference	J1	Light Source		Duration (hours)		Fluorescent lamp	CFL*
ZY8810A	Normal illuminate + Emergency	LED	12	10	1,144	36W	28W
ZY8810B		LED	6	10	572	18W	18W
ZY8810C		LED	6	6	572	18W	18W
ZY8820A	Only Emergency	LED	12	10	1,144	36W	28W
ZY8820B		LED	6	10	572	18W	18W
ZY8820C		LED	6	6	572	18W	18W

Remark: ZY8810series: Under normal condition, ZY8810series will use normal external power to illuminate. In the case of power outrage or in any situation where power is interrupted, this unit will automatically switch to battery backup which will power the unit for 10 or 6 hours.

ZY8820series is only applied for emergency lighting when power outrage, and on normal condition it is off.

Drawing of dimension(Dimensions in mm)







ZY8110A, ZY8110B Emergency Floodlight

Application

It is ideal to use in the factory ,railway station, workshop, large storage, gym, large scale building area , tunnel ,and laneway as floodlight illumination or emergency lighting.

Characteristics

- 70W light source adopts famous international brand with performance stable. It gives 20% more light over the other manufacturers'.
- The glass of the lamp is glare free which avoid the eyestrain caused to the operator.
- Multiple anti corrosion structure and the high intensity aluminium alloy material ensure the lamp can work for a long time in the high frequency vibration atmosphere.
- The surface is subjected to spraying treatment .It can be used in the humid and high temperature and any other extreme atmosphere .
- Multiple mounting options: seated mounted, ceiling mounted, wall mounted etc. The lamp's illumination angle can be adjusted within 180° according to the application.

Main specification

Input Voltage	220VAC 50Hz	
Recharge Time	>12 hours	
Ingress Protection	IP65	
Anti Corrosion Grade	WF2	
Insulation Grade	I	
Space Height Ratio	4.5	
Leading-in cable diameter	φ 6mm - φ 8mm	
Dimension	Lamp 340 × 293 × 208mm	
Dimension	Ballast 325 × 215 × 150mm	
Not Woight	Lamp 4Kg	
Net Weight	Ballast 5.5Kg	







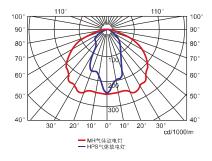








Light distribution curve



ZY8110A, ZY8110B Emergency Floodlight

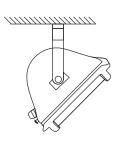
Ordering reference

Model No.	Туре	Light Source	Normal illuminate Wattage (W)	Emergency Wattage (W)	Emergency Duration (minute)	Emergency Luminous Flux(lm)
ZY8110A-J35	Normal illuminate		35W	35W	80	2,500
Z 18110A-J33	+ Emergency	Metal Halide Lamp	35W	35W	80	2,500
ZY8110B-J35	Only Emergency	Metal Halide Lamp	/	35W	80	2,500
ZY8110A-J70	Normal illuminate	Metal Halide Lamp	70W	70W	40	5,500
Z 18110A-J/0	+ Emergency	Wetai Hande Lamp	70W	70W	40	5,500
ZY8110B-J70	Only Emergency	Metal Halide Lamp	/	70W	40	5,500

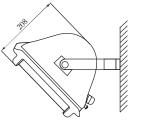
Remark: ZY8110A: Under normal condition, ZY8110Awill use normal external power to illuminate. In the case of power outrage or in any situation where power is interrupted, this unit will automatically switch to battery backup which will power the unit for 80 or 40 minutes.

ZY8110B is only applied for emergency lighting when power outrage, and on normal condition it is off.

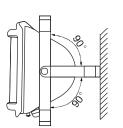
Drawing of dimension(Dimensions in mm)



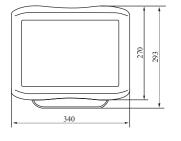


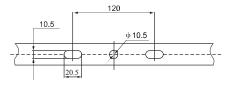


Side wall-mounting

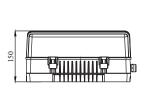


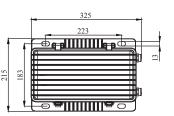
Side wall-mounting





Mounting hole drawing





Emergency Ballast



BW3210A-4 LED Oil Industry Vehicle Mounted Lighting System

BW3210 LED Explosion-proof Work Light

LED













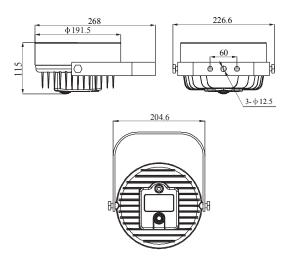
Spotlight

Ex Code: Ex d IIC T6

Standard: GB3836.1, GB3836.2 IEC60079-1:2007,MOD



Drawing of dimension(Dimensions in mm)



Application

This products is designed for use on the well serving unit, tractor hoist, oil derrick and other vehicles in the explosive area.

Characteristics

- The lighting system consists of increased safety control box., lamp and cable.
- The generator on the tractor hoist will power the units when the vehicle is working, and it is also recharging the units at the same time.
- Good illuminate effect: The four lamps are mounting on the oil derrick. The floodlight can provide large area illuminating. The spotlight can mount on the wellhead. We can provide more lamps according to customers' requirements.
- When the vehicle starts, it will charge the units automatically. The extra energy will be saved to the control box.
- Two discharge switches. When the tractor hoist starts, operator should use the regular discharge switch. Or the battery switch should be turn on.
- When blowout happens, the battery in the control box can power the units for 10 hours. Meeting the emergency lighting requirement.

Components

- Increased safety control box: battery, explosion proof switch, explosion junction box, control circuit.
- Lamp: 2-spotlight; 2-floodlight.
- The lamps are mounting on the derrick, the illuminating direction is adjustable. The lamps are connected to the control box by cables (15meters length)

Main specification

Specific	cation	BW3210A-4	
Rated v	oltage	24VDC	
Rated p	oower	4 × 30W	
Continuous W	orking Time	≥ 10h	
Dimension	Lamp	ф 191.5 × 115cm	
Dimension	Control box	396 × 332 × 344cm	
Weig	ght	83Kg	











Floodlight

Ex Code: Ex de IIC T6 Standard: GB3836.1, GB3836.2, GB3836.3 IEC60079-1:2007,MOD IEC60079-7:2006,MOD

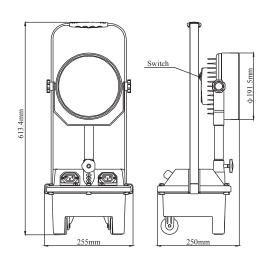
Spotlight





Extendable pole

Drawing of dimension(Dimensions in mm)



Application

This product is widely used as mobile lighting for all kinds of night work tasks, repairing, inspection and accident relief etc.

Characteristics

- Spot light beam or Flood light beam is available according to the application.
- Safe and reliable: flame proof type of protection. Suitable to be used in various flammable and explosive environment.
- Efficient&Energy-saving: It adopts CREE LED light source, high intensity, and 100,000 hours service life. It has battery level indication function. Operator can check the energy left at any time.
- Waterproof & Durability: The housing is made of aluminium alloy, insure the unit enable to stand the strong impact. It is sealed to IP66 preventing the ingress of dust and water. Suitable to be used in all kinds of harsh environment.
- Flexible & Convenient: The lamp head has 360° rotation and 135° tilt.
- The extendable pole is optional, with 1.2 to 1.7 meters extendable height. The wheels on the bottom make the transportation more easy.
- Intelligent charging: The charger is controlled by the chip. It protect against over-charging, over discharge and short circuit. When battery is fully charged. It will switch to trickle charging automatically.

Main specification

Specification		Unit	BW3210
Rated Voltage		VDC	24
Rated C	Capacity	Ah	12
Charging	g Voltage	VAC	100-240
	working Voltage	VDC	18.5
LED	Rated Power	W	30 / 15
	Light Output (high/low)	lm	2,300 / 1,600
	Average Service Life	h	100,000
G ti P ti	High	,	16
Continuous Runtime	Low	h	36
Rechar	ge Time	h	12
Effective Be	Effective Beam Distance		800
Service Life Of Battery		Recycled	≈1,000
Dimension L×W×H		mm	255×250×610
Net V	Net Weight		14





Charging socket

Charger

75



ZW4100A Tracker Light BW4100B Explosion proof Tacker Light

BW6200E LED Explosion proof Work Light



LED

















Magnetic base

Arm mounting



Insurance clip

Application

It is ideal as a personal indicator to identify the position of workers, it also can serve as signal communication tools in all kinds of hazardous area such as construction, fire fighting, rescue etc.

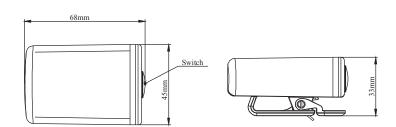
Characteristics

- Intrinsically safe type of protection, can be safely used in various flammable and explosive fields (including Zone 0).
- Waterproof & Drop Resistant: Made of PC material, drop resistant to 1 meter.
- Runtime: Powered by two AAA battery. Continuous runtime can exceed 500 hours.
- Flexible&Convenience: Small size, Light weight, easy to operation. It is magnetic, can be attached to the iron surface.
- Ambient Temperature: -60°C-150°C.
- Colour Available: The tracker light is available in the following five different colours according to customers requirements: red, blue, yellow, green, white.

Main specification

Specification	Unit	ZW4100A / BW4100B
Rated Voltage	VDC	3
Current	μΑ	<3
Flashing Frequency	Hz	2.7
Max Impulse Current	mA	80
Dimension	mm	70×47×39
Net Weight	Kg	0.1

Drawing of dimension (Dimensions in mm)















Ex Code: Ex ic IIC T6 Gc Standard: GB3836.1, GB3836.4 IEC60079-11:2006,MOD







Application

It is widely used as mobile lighting in the inflammable and explosive places such as petrochemical, power generation, mining, fire-fighting and metallurgy area etc.

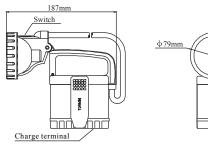
Characteristics

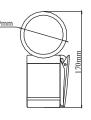
- Adopts LED light source, which has a higher light efficacy and long service life. It is environment friendly.
- High intensity light and low intensity light is switchable.
- Small size and light weight. It is portable. The lamp can also be fixed onto the helmet. It is sealed to IP66, waterproof, dust resistant.
- The charging and discharging processes are controlled by the chip and provided with multi-protection, ensuring safety and high efficiency.

Main specification

Specification	on	Unit	BW6200E	
Rated Voltage		VDC	3.7	
Charging Vol	tage	VAC	100-240	
Rated Power	er	W	3	
Rated Capac	ity	Ah	4.4	
	At 1m	Lux	10,600 / 3,200	
Illuminance (high / low)	At 3m	Lux	1,600 / 500	
	At 5m	Lux	550 / 140	
Runtime (hig	gh)	h	12	
Runtime (lo	w)	h	25	
Service Life Of	Bulb	h	100,000	
Recharge Ti	me	h	8-10	
Effective Beam I	Distance	m	130	
Battery Recharge Cycle		Times	≈1,000	
Dimension		mm	185×185×75	
Net Weigh	t	Kg	0.85	

Drawing of dimension (Dimensions in mm)







BW6210 LED Explosion Proof Multifunction Searchlight

BW6310A, BW6310B LED Explosion Proof Mini Headlight

EX

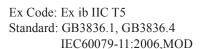
LED















79



Head of the lamp tilt: 120°

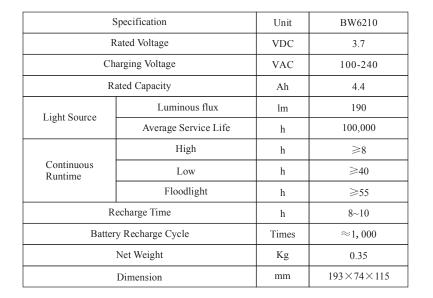
Application

It is widely used as mobile lighting in the power station, oil filed, chemical industry, fire fighting, police, military and some other flammable and explosive or high stress environment.

Characteristics

- It adopt CREE LED light source with high luminous efficiency, 100,000 hours service life. Powered by rechargeable lithium battery, no memory effect, low discharge rate and environment friendly.
- Press the button for 2 seconds, the lamp will switch to flood beam mode which runtime can reach 55 hours.
- Equipped with magnetic base on the bottom, available adsorb to all kinds of iron material equipment
- \blacksquare The head of the searchlight is adjustable, within 120 $^\circ$ according to the operator requirement.
- Small size and light weight, easy to carry.
- Light mode: High intensity light and low intensity light are switchable.
- Battery status indication and lower battery warning function. Operator can check the battery status at any time.
- The searchlight design has a large size handle and large button switch, easy to operate even with gloved hands.
- It is made of PC material, high strength body, have a good impact resistant performance. The searchlight is sealed to IP66.

Main specification



LED









Ex Code: Ex ib IIC T4 Standard: GB3836.1, GB3836.4 IEC60079-11:2006,MOD





Head mounting

Head mounting

Buckle

Helmet mounting

Application

It is used as safety helmet head light explosive gas, vapour and mist places. It is the ideal lighting solution for workers in power station, oil filed, chemical industry, fire fighting, railway station, military etc.

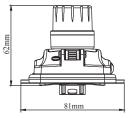
Characteristics

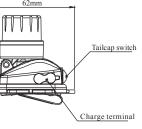
- It not only can be fixed onto the helmet with the screws provided, but also can be fixed onto the helmet or head by the elastic headband. The head of the light is adjustable within 90° , operator can rotate the head of light to the desired direction.
- The red strobe light design to suit numerous application where indication is critical during emergency. Press the button and switch to the red strobe light mode ,It can let others identify the position of the worker.
- This product has battery status indication and low battery warning function, Operator can check the battery status at any time. Towards the end of discharge, the beam flashes off repeatedly, warning recharging is required.
- Adopts CREE LED light source with high light efficacy and 100,000 hours service life. Use of the latest safety increased lithium-ion battery technology improves reliability and environment friendly.
- The charger is controlled by intelligent chip, with various protection.

Main specification

Specification		Unit	BW6310A	BW6310B	
	Rated Voltage		VDC	3.7	3.7
	Charging Voltage	;	VAC	100-240	100-240
	Rated Capacity		Ah	1.4	1.4
	Light Output	High	1	148	83
Ligl	Light Output	Low	lm	83	55
Light source	Flux (1 meter)	High	T	1,750	980
urce	riux (1 illetei)	Low	Lux	950	550
	Service Life Of Bulb		h	100,000	100,000
	Dti	High	1.	4	8
	Runtime	Low	h	8	16
Time Of Charging		h	4	4	
Battery Recharge Cycle		Times	≈1,000	≈1,000	
Dimension		mm	50×65×60	50×65×60	
	Net Weight		g	85	85

Drawing of dimension (Dimensions in mm)





81mm Charge terminal 80



BW6610A Multifunction LED Explosion Proof Work Light

BW7101 Portable LED Explosion Proof Searchlight

EX

LED

















Magnetic base

81

LED light source(CREE)



Charger

Application

This product is ideal for use in patrol, inspection, repairing and other night work tasks in explosive and flammable atmosphere.

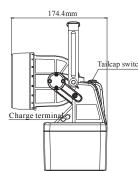
Characteristics

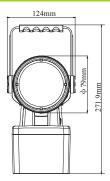
- Flame proof type of protection, approved for safe use in Potentially explosive gas, vapour and mist atmospheres. The head of the searchlight can give 135° vertical tilt so that operator can adjust the light to the desired location. Small size, light weight, easy to carry. It is portable, beside the magnetic base on the bottom, making the lamp can adsorb to all kinds of iron material equipment.
- The housing is made of imported PC material, drop resistant to 1 meter. It is sealed to IP66, suitable to be used in all kinds of high stress environment.
- Adopts CREE LED light source with high light efficacy and 100,000 hours service life. Use of the latest safety increased lithium-ion battery technology improves reliability and environment friendly.
- This product has battery status indication and low battery warning function, Operator can check the battery status at any time. Towards the end of discharge, the beam flashes off repeatedly, warning recharging is required.
- The charger is controlled by intelligent chip, with various protection function.

Main specification

Specification	Unit	BW6610A
Rated Voltage	VDC	10.8
Charging Voltage	VAC	100-240
Rated Power	W	3×3W
Rated Capacity	Ah	4.4
Light Output (high/low)	lm	810 / 465
Effective Range	m	600
Runtime (high)	h	7
Runtime (low)	h	13
Recharge Time	h	6
Service Life Of Bulb	h	100,000
Battery Recharge Cycle	Times	≈1,000
Dimension	mm	151×131×272
Net Weight	Kg	1.5

Drawing of dimension (Dimensions in mm)





LED







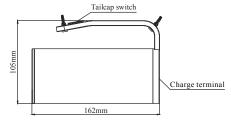




Ex Code: Ex dia IIC T6 Standard: GB3836.1, GB3836.2, GB3836.4 IEC60079-1:2007,MOD IEC60079-11:2006,MOD



Drawing of dimension





Application

It is an efficient lighting tools to be used at the military, petrochemistry, oil field, customs inspection, police, patrol, rescue relief, railway, fire fighting and any other night work tasks.

Characteristics

- Certified by National authority. Flame proof type of protection, designed according to explosion proof standard for safe use potentially explosive atmosphere.
- 3X3W CREE LED light source, 100,000 hrs service life. It uses CREE LED light source, with 100,000hours service life. The reflector adopts hi-tech surface finishing technology, make sure a high light reflectivity and no light shadow. Its effective beam range is about 1,500meters.
- Use of the latest high capacity lithium-iron battery with long service life improves reliability and eliminates 'memory 'affect. The strobe light can use as signal communication and personal indicator to identify the position of the workers
- The body of the searchlight has treated with anodic oxidation technology. The flashlight is portable, also carried by the shoulder strap.
- The high strength aluminium alloy body can stand harsh impact. It is well sealed to IP67.
- It has battery status indication function, Operator can check the battery status at any time. The recharging is controlled by chip with quick recharging, over charged protection, short circuit protection and battery recharge level indication etc.

Main specification

	Specification	Unit	BW7101	
Rated Voltage			VDC	12
	Charging Voltage		VAC	100-240
	Rated Capacity		Ah	4.4
	Working	g Voltage	VDC	12
	Current	High Light	A	0.9
Light source	Current	Working Light	A	0.35
Light source	Light output	High Light	lm	975
		Working Light	ım	465
	Avertage S	Avertage Service Life		100,000
	High	High Light		8
Runtime	Workin	ng Light	h	16
	Frequen	cy Light		20
	Recharging Time		h	8
Battery Recharge Cycle			Time	1,000
Dimension		mm	191	
Dimension	Diam	eter Φ	111111	68.5
	Net Weight		Kg	0.8



BW7300A, BW7300B LED Explosion proof Flashlight

BW7500A, BW7500B, BW7500C LED Explosion Proof Flashlight

EX

LED









Ex Code: Ex d IIC T6 Standard: GB3836.1, GB3836.2 IEC60079-1:2007,MOD





Tail switch



Package

 $Angle\ adjustable\ buckle\quad LED\ light\ source(CREE)$



Charger

Application

- 1. It is applicable to mobile lighting in Zone 1 and Zone 2 explosive and flammable places.
- 2. This product is used in the fields of electric power, fire fighting, petrol, petrochemical, metallurgy, etc. It can also be used for signal communication and personal indicator to identify the position of the workers.

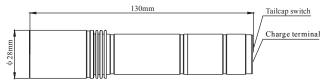
Characteristics

- It adopts CREE LED light source. BW7300A's effective beam range is 130meters. Its flashing beam can reach 6,000meters.
- It is sealed to Ip67, water proof to 1 meter. Powered by lithium battery which provide a long service life and low discharge performance.
- Light mode: high, low, strobe light.
- This product has battery status indication and low battery warning function, Operator can check the battery status at any time. Towards the end of discharge, the beam flashes off repeatedly, warning recharging is required.
- The flashlight can also fixed onto the helmet by the buckle. Its light beam angle is adjustable.
- The flashlight is supplied with a short strap. And it is designed for easy storage in pocket.
- The recharging and discharging is controlled by the chip with multiple protection.

Main specification

Specification	Unit	BW7300A	BW7300B
Rated Voltage	VDC	3.7	3.7
Charging Voltage	VAC	100-240	100-240
Rated Power	W	3	1
Rated Capacity Of Battery	Ah	2.2	2.2
Light Output (high/low)	lm	290 / 105	170 / 75
Effective Beam Range	h	200	120
Runtime (high)	h	4	8
Runtime (low)	h	10	18
Recharging Time	h	6	6
Service Life	h	100,000	100,000
Dimension	mm	ф28×130	ф28×130
Net Weight	g	125	125

Drawing of dimension (Dimensions in mm)



LED









Ex Code: Ex d IIC T6 Standard: GB3836.1, GB3836.2 IEC60079-1:2007,MOD







Tailcap switch LED light source(CREE)



Charger



Portable

Application

It is ideal for the night work tasks in explosive area such as fire fighting, gas station, power station, chemical industrial, police, inspection and some other high stress environment.

Characteristics

- It adopts CREE LED light source with high efficiency. BW7500A's effect beam range can reach 700meters. High intensity light and low intensity light are switchable.
- This product has battery status indication and low battery warning function, Operator can check the battery status at any time. Towards the end of discharge, the beam flashes off repeatedly, warning recharging is required.
- It is sealed to IP67, water proof to 1 meter. Powered by lithium battery which provide a long service life and low discharge performance.
- The flashlight surface adopts anti skidding treatment. Easy to carry.
- The charging, discharging, constant current controlled by the chip with multiple protection.

Main specification

Specification	Unit	BW7500A	BW7500B	BW7500C
Rated Voltage	V	3.7	3.7	3.7
Charging Voltage	V	100-240	100-240	100-240
Rated Power	W	5	3	1
Rated Capacity Of Battery	mAh	4,400	4,400	4,400
Light Output (high)	lm	432	285	149
Light Output (low)	lm	250	130	70
Effective Beam Range	m	400	250	150
Runtime (high)	h	3	6	12
Runtime (low)	h	10	10	20
Recharge Time	h	8-10	8-10	8-10
Service Life Of Bulb	h	100,000	100,000	100,000
Battery Recharge Cycle	Times	≈1,000	≈1,000	≈1,000
Dimension	mm	ф40×210	φ40×210	φ40×210
Net Weight	Kg	0.3	0.3	0.3

Drawing of dimension (Dimensions in mm)

