

LED



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



LED light source(CREE)



Charger



Portable

Application

1. It is applicable to mobile lighting in Zone 1, Zone 2, Zone 21, Zone 22 explosive and flammable places.
2. This product is ideal for use in military, oilfield, mining, electric power site, and any other hazardous environment.

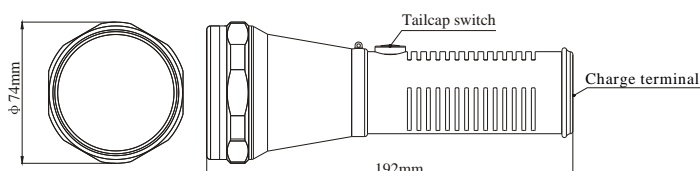
Characteristics of Performance

- Equipped with American CREE LED as light source, with 100,000 hours service life. High tech power coating finish for corrosion resistance. The reflector enjoys optimal light distribution design, ensure the flashlight has a high light reflectivity. Its effective beam range can reach 600 meters.
- Flame proof type of protection, for safe use in Zone1 and Zone 2 potentially explosive atmosphere.
- The flashlight is sealed to IP67, water proof, drop resistant to 1 meter. Suitable to be used in all kinds of high stress environment.
- 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 is powered by latest lithium ion battery which has no memory effect, low discharge rate and long service life. It is environment friendly.
- The flashlight surface adopts anti skidding treatment. The flashlight is portable, besides, it can also carried by the shoulder strap.
- High intensity light and low intensity light are switchable.
- The charging is controlled by the chip with multiple protection.

Main specification

Specification	Unit	BW7100A	BW7100B
Rated Voltage	V	3.7	3.7
Rated Power	W	5	12
Rated Capacity	Ah	6.6	6.6
Runtime (high/low)	lm	380 / 240	770 / 280
Effective Beam Range	m	400	1,000
Runtime (high)	h	8	3
Run Time (low)	h	16	10
Recharging Time	h	8-10	8-10
Service Life	h	100,000	100,000
Battery Recharge Cycle	Times	≈ 1,000	≈ 1,000
Dimension	mm	φ 74 × 190	φ 74 × 190
Net Weight	Kg	0.7	0.7

Drawing of dimension



BW7101 Portable Explosion Proof Light



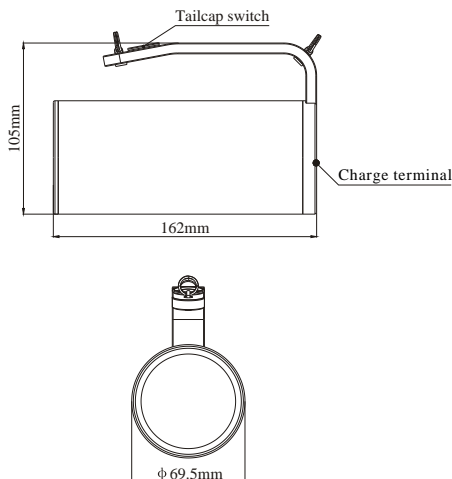
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Ex Code: Ex d IIC T6
Standard: GB3836.1, GB3836.2, GB3836.4
IEC60079-1:2007,MOD
IEC60079-11:2006,MOD



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 of Performance

- 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	Value		
Rated Voltage	V	12		
Rated Capacity	Ah	4.4		
Light source	Working Voltage	V	12	
	Current	High Light	A	0.9
		Working Light		0.35
	Light output	High Light	Lm	400
Working Light			195	
Avertage Service Life		h	100,000	
Runtime	High Light	h	8	
	Working Light		16	
	Frequency Light		20	
Recharging Time		h	8	
Battery Recharge Cycle		Time	1,000	
Dimension	Length	mm	161	
	Diameter ϕ		68.5	
Net Weight		Kg	0.8	

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Tail switch



Package



Angle adjustable buckle



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.

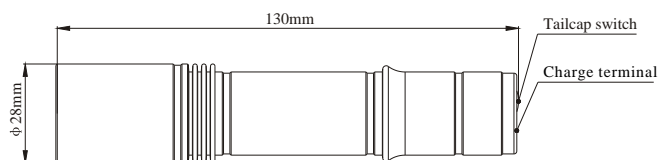
Characteristics of Performance

- 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	V	3.7	3.7
Rated Power	W	3	1
Rated Capacity Of Battery	mAh	2,200	2,200
Light Output (high/low)	lm	290 / 105	170 / 75
Effective Beam Range	m	200	120
Runtime (high)	h	4	8
Runtime (low)	h	10	16
Recharging Time	h	5~7	5~7
Service Life	h	100,000	100,000
Dimension	mm	φ 28×130	φ 28×130
Net Weight	g	125	125

Drawing of dimension (Dimensions in mm)



BW7500A, BW7500B, BW7500C LED Explosion Proof Flashlight



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IEC60079-1:2007,MOD



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 of Performance

- 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
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	φ40×210	φ40×210	φ40×210
Net Weight	Kg	0.3	0.3	0.3



Tailcap switch



LED light source(CREE)



Charger



Portable

Drawing of dimension (Dimensions in mm)

