



IECEX

ATEX

LED

IP 68

Ta 55

Ta -20



Ex marking: II 2 G Ex db ib IIC T6 Gb  
II 2 D Ex ib tb IIIC T80°C Db IP68

## Application

This product is widely used in high-voltage line inspection, search and rescue, equipment inspection, maintenance and various flammable and explosive places as mobile lighting.

Hazardous gas area zone 1 and 2

Hazardous dust area zone 21 and 22



## Characteristics

- Digital power display, real-time understanding of lighting time;
- Using ultra-high brightness LED, suitable for field line inspection operations and search targets;
- The heat dissipation adopts a patented structure to quickly reduce the temperature of the light source, effectively ensuring the reliability and service life of the light source;
- The shell is made by CNC precision processing, the surface of the shell is treated with the hardest oxidation, and the overall exquisite atmosphere;
- It can be equipped with a rubber protective sleeve to increase the resistance to wear and tear and extend the service life of the product;
- Built-in 4 or 6pcs 18650 lithium batteries, strong battery life, you can choose according to the use.

## Main Specification

| Description                                                                                                                                                                                        | Unit     | BW7101A                   |         | BW7101B                   |         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------------------|---------|---------------------------|---------|
|                                                                                                                                                                                                    |          | Model 1                   | Model 2 | Model 1                   | Model 2 |
| Rated capacity                                                                                                                                                                                     | Ah       | 2.6                       |         |                           |         |
| Rated voltage                                                                                                                                                                                      | V        | 14.8 (4 batteries series) |         | 22.2 (6 batteries series) |         |
| Rated wattage                                                                                                                                                                                      | W        | 9 (3×3)                   |         |                           |         |
| Luminous(High)                                                                                                                                                                                     | lm       | ≥890                      | ≥670    | ≥890                      | ≥670    |
| Luminous(Low)                                                                                                                                                                                      | lm       | ≥515                      | ≥370    | ≥515                      | ≥515    |
| High intensity lighting time                                                                                                                                                                       | h        | ≥5                        | ≥7.5    | ≥7.5                      | ≥10     |
| Low intensity lighting time                                                                                                                                                                        | h        | ≥10                       | ≥15     | ≥15                       | ≥15     |
| Time of charging                                                                                                                                                                                   | h        | 8                         |         |                           |         |
| Service life of battery                                                                                                                                                                            | Recycled | ≈1000                     |         |                           |         |
| Net weight                                                                                                                                                                                         | g        | 750                       |         | 830                       |         |
| Dimension                                                                                                                                                                                          | mm       | φ67×140                   |         |                           |         |
| Note: Press and hold for 5 seconds when BW7101A/B is on, you can switch between mode 1 and mode 2; When switching to mode 1, the display shows P1; when switching to mode 2, the display shows P2. |          |                           |         |                           |         |

Note: Press and hold for 5 seconds when BW7101A/B is on, you can switch between mode 1 and mode 2; When switching to mode 1, the display shows P1; when switching to mode 2, the display shows P2.