# GLOW™

## LED Portable Work Light




| SKU # | DLC Model |
|---|---|
| 156182 | BLT-CHB04B-100WBCA1-W50K |

Beyond LED Technology's GLOW LED Portable Work Light is a powerful, versatile, and innovative lighting solution designed for construction sites, industrial applications, and emergency use. Delivering an impressive 15,000 lumens, this 2024 model is built to provide maximum illumination and performance. Featuring adjustable wattage and a 360° folding wing design, the GLOW light allows full forward and backward rotation, ensuring optimal coverage and flexibility for a variety of tasks. With daisy-chain capability, you can connect up to 15 lights for expanded lighting setups, making it ideal for large-scale job sites. The GLOW LED Portable Work Light also supports 4 AAA rechargeable batteries, providing reliable emergency lighting when electrical power is unavailable. The G-hook makes it easy to hang the light wherever needed, while 0-10V dimming ensures precise control over light intensity. Built to last, the IP65 rating guarantees resistance to dust and water, while the UL certifications ensure safety and quality.

## Product Features

- Up to 145 lm/W
- Adjustable wattage
- CCT 5000K
- 0-10V Dimmable
- Wings closed: 355º
  Wings open: 106º
- 4 AAA rechargeable batteries
- Daisy-chain up to 15 lights
- G-hook for hanging
- Aluminum
- Yellow & Silver housing
- Input voltage 120V
- UL listed
- 5-year warranty

# GLOW™

## LED Portable Work Light

| SKU | ADJ. WATT | MAX LUMENS | CCT | INPUT VOLTAGE | CRI | LIGHT SPREAD | CONSTRUCTION | DIMMING | IP RATING | CERTIFICATIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| 156182 | 60W/80W/ 100W | 14500 | 5000K | 120V | >80 | Wings closed: 355° Wings open: 106° | Aluminum+PC | 0-10V | IP65 | UL |

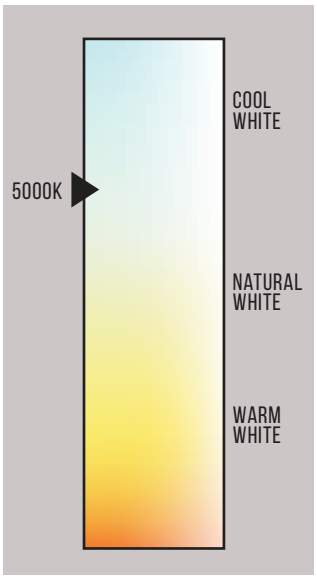
## SKU: 156182 Specifications

| Parameter | Description | Value |
|---|---|---|
| General Performance | Model # | BLT-CHB04B-100WBCA1-W50K |
| | Adjustable Watt | 60W / 80W / 100W |
| | Max Lumens | 14500 |
| | Lumen Efficacy | Up to 145LM/W |
| | Color Temperature | 5000K |
| | CRI (Ra) | >80 |
| | Light Spread | Wings closed: 355°, Wings open: 106° |
| | Distribution Pattern | Type I |
| | Diffuser Type | Clear PC |
| Electrical | Input Voltage | 120Vac |
| | Frequency | 50/60Hz |
| | Dimming | 0-10V Dimmable |
| | PF | ≥0.9 |
| | Flicker Percent | <70% |
| | Surge Protector | L/N-PE: 4kV, L-N: 4kV |
| Physical | Operating Temperature | Without Motion Sensor and Emergency Power Supply: -40°C TO 45°C |
| | Storage Temperature | -40°C TO 80°C |
| | Operating Humidity | 20% - 90% RH |
| | Storage Humidity | 10% - 95% RH |
| | LED Brand | Lumileds |
| | LED Type | SMD2835 |
| | LED QTY | 333 PCS |
| | Construction | Aluminum + PC |
| Qualification | Housing Color | Yellow/Silver |
| | IP Rating | IP65 |
| | Warranty | 5 Years |

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# GLOW™
## LED Portable Work Light

## Correlated Color Temperature (CCT)




## Accessories



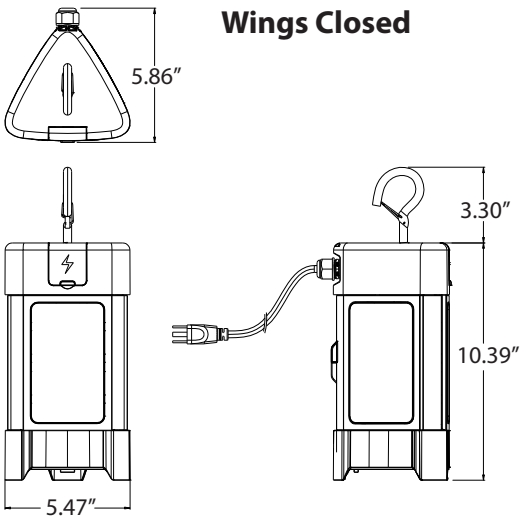
Remote (Optional)
SKU: 156185



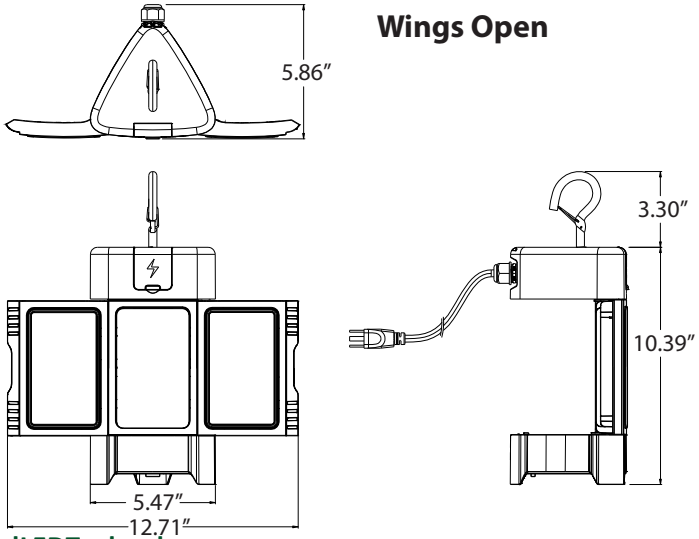
G Hook (Included)

## Dimension

**Wings Closed**




**Wings Open**







Due to continuous product improvement, information in this document is subject to change.

# GLOW™
## LED Portable Work Light

## Photometric Data

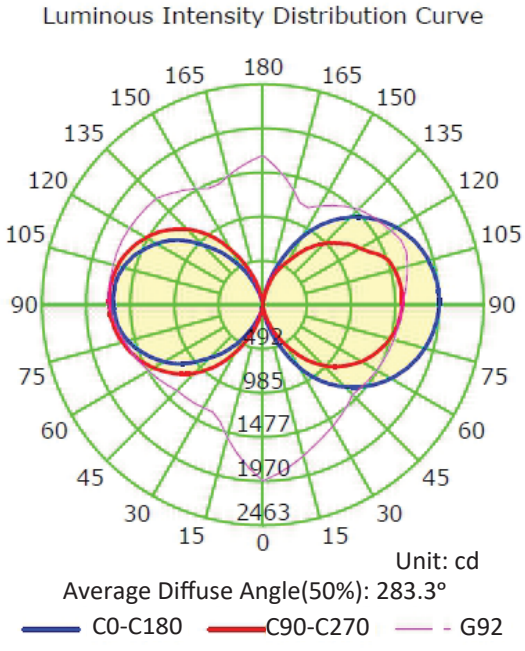
### Luminaire Property

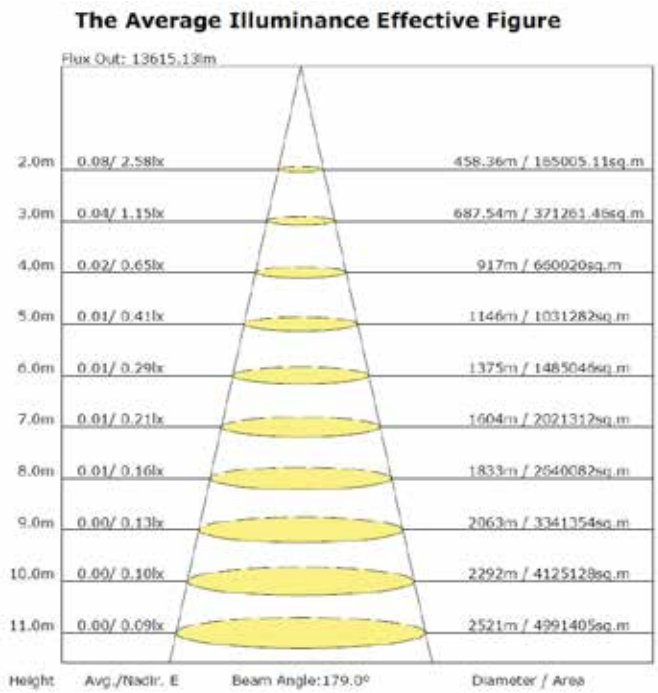
Luminaire Manufacturer:
Voltage: 120.8 V
Power: 99.06W
Current: 0.828 A
Power Factor: 0.990

### Photometric Results

IES Classification: Type I
Total Rated Lamp Lumens: 14681.5 lm
Efficiency: 100%
Upward Ratio: 51%
Central Intensity: 10.7 cd
Pos of Max. Intensity: H225 V91
Longitudinal Classification: Very Long
Measurement Flux: 14681.5 lm
Downward Ratio: 49%
Luminaire Efficacy Rating (LER): 148.26
Max. Intensity: 1949.17 cd

## Distribution Diagram




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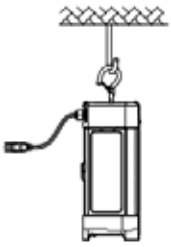
# GLOW™
## LED Portable Work Light

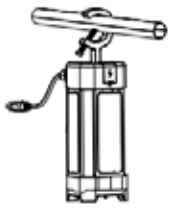
## Installation

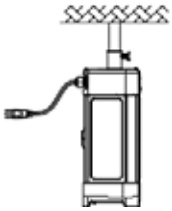
### Cautions:
1. Can not use the electric generator to test the LED lamp.
2. Please abide by related country, regional and local law and regulations when install this fixture.
3. Please turn off the power before installation or maintenance.
4. Proper earth grounding is required to ensure safety.

### Notice:
1. To avoid possibility of electrical shock or fire, the installation personnel must have professional electric knowledge.
2. Please wear gloves to avoid injury before installation.
3. If any smoke or spark of the wire happened, please turn off the power immediately and notify relevant personnel.

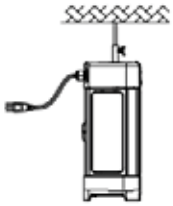
### Attention:
1. Please check if there is any damage during shipping. If so, please contact manufacturer timely.
2. Please read the installation instruction carefully to check whether all the accessories are complete. After confirmation, then install the fixture according to installation steps.


Hook Mount


Industry Hook Mount

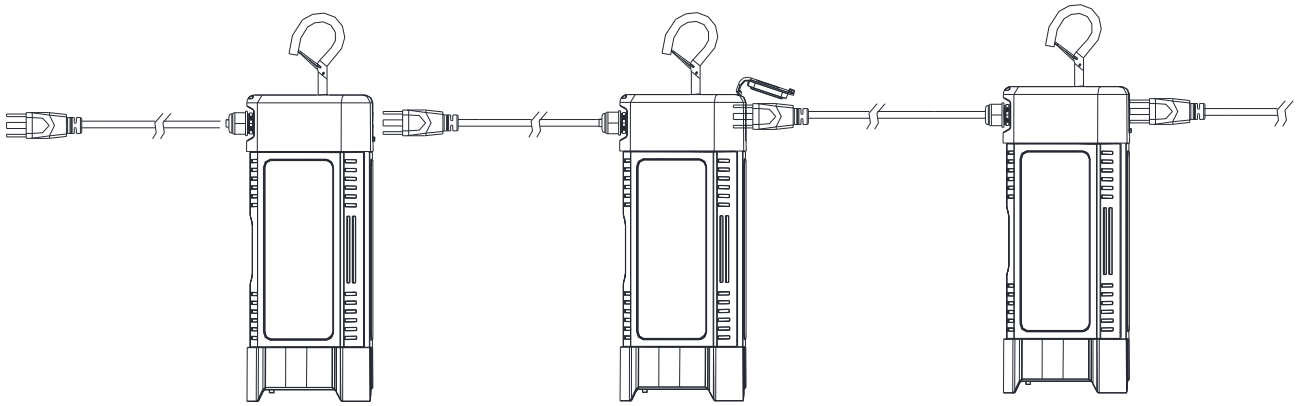

Round Pipe Mount


Magnet Mount


1/4 NPT Stem Mount


5/8 NPT Mount

### Installation Steps:


1. Open The Lid

2. Plug another fixture
Linkable 100W-15pcs Max

3. Connect to power.

# GLOW™
## LED Portable Work Light

## Installation

6 Installation Methods: Hook Mount, Industry Hook Mount, Round Pipe Mount, Magnet Mount, 1/4 NPT Stem Mount, 5/8 NPT Stem Mount
(Please choose the most suitable installation method for the purchased products as per your needs.)

### A. Hook Mount:

1. Screw the hook into lamp base. (Figure 1).
2. Hang on the lamp on the ceiling hook. (Figure 2).
3. Connect the plug and socket, then finish.

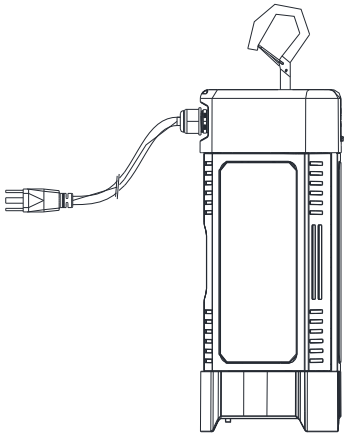


Figure 1

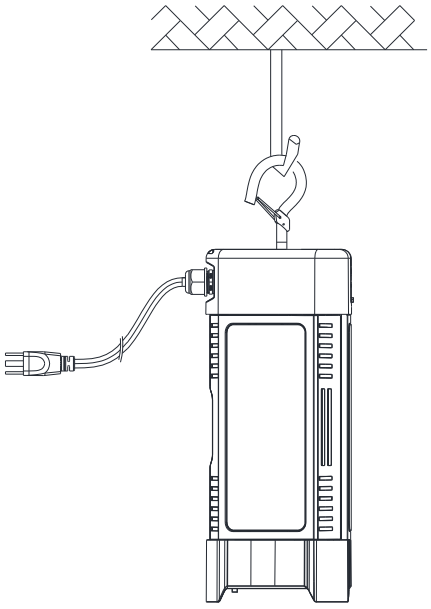


Figure 2

### B. Industry Hook Mount:

1. Screw the hook into lamp base. (Figure 3).
2. Clip the fixture on the round tube and tighten the screw. (Figure 4)
3. Connect the plug and socket, then finish.

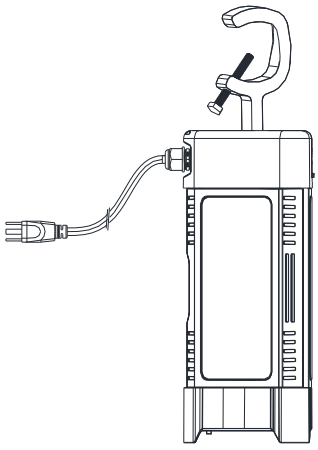


Figure 3

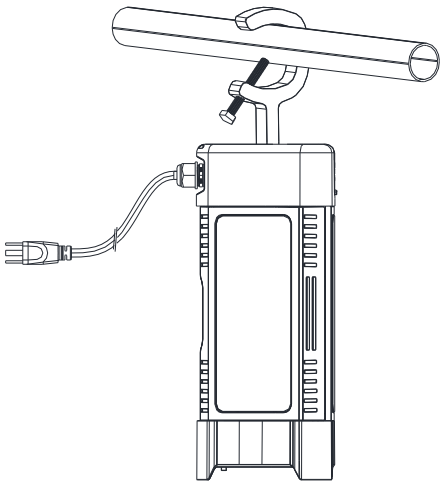


Figure 4

# GLOW™
# LED Portable Work Light

## Installation

### C. Round Pipe Mount:

1. Screw the round pipe into lamp base. (Figure 5)
2. Insert the fixture into a round pipe with diameter 20-25mm, the round pole must have a hole with diameter 5.5-7.5mm(Figure6) and then tighten butterfly screw(Figure7)(Figure8), please make sure the butterfly screw was completely inserted into the hole on the round pole!
3. Connect the plug and socket, then finish.

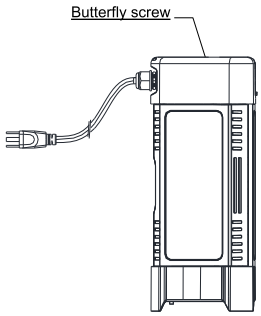



Figure 5

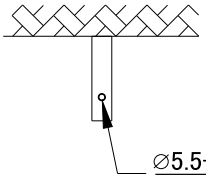



Figure 6

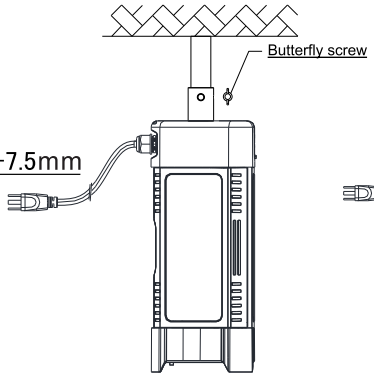



Figure 7

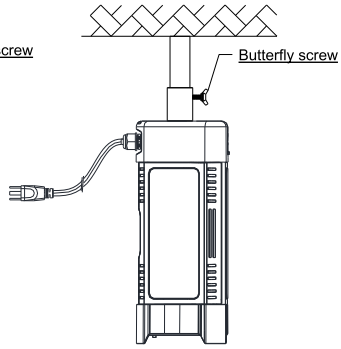



Figure 8

### D. Magnet Mount:

1. Tighten the magnet bracket on the lamp base with butterfly screw. (Figure 9)(Figure10).
2. Attach the fixture to the iron plate(Figure11). Pay attention to the fragile magnet.
3. Connect the plug and socket, then finish.

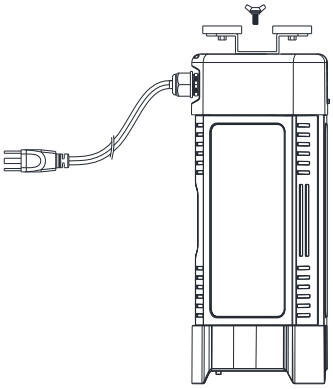


Figure 9

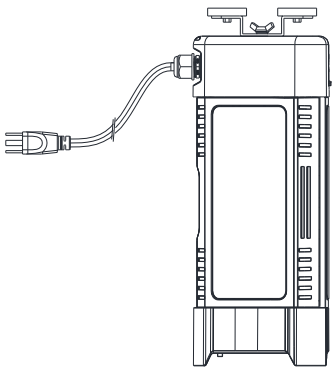


Figure 10

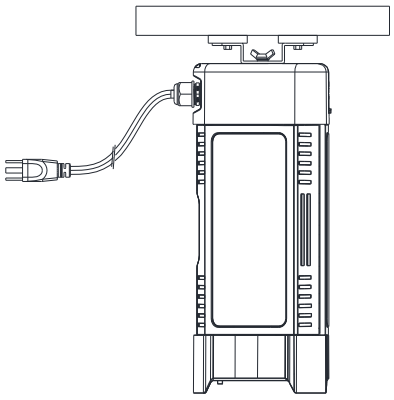


Figure 11




Due to continuous product improvement, information in this document is subject to change.

## Installation

### E. 1/4 NPT Stem Mount:

1. Only suitable for threaded round pole with the diameter 1/4inch. Put the 1/4 NPT Stem into the round pole (Figure 12), then tighten the 1/4 NPT Stem by screwing the butterfly screw (Figure 13).
2. Connect the fixture to the 1/4 NPT Stem; (Figure 13, 14) Finally connect the plug to the socket.

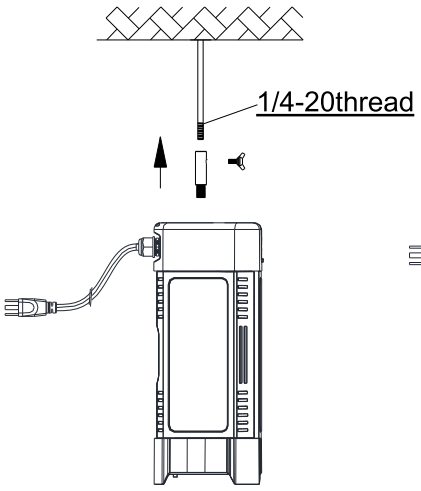



Figure 12

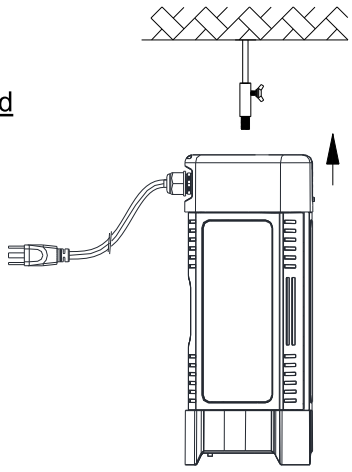


Figure13

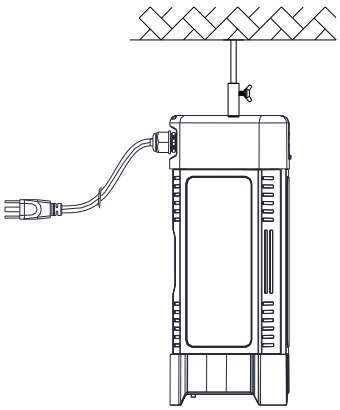


Figure14

### F. 5/8 NPT Stem Mount:

1. Only suitable for threaded round pole with the diameter 5/8inch. Put the 5/8 NPT Stem into the round pole (Figure 15), then tighten the 5/8 NPT Stem by screwing the butterfly screw (Figure 16);
2. Connect the fixture to the 5/8 NPT Stem; (Figure 16, 17)
3. Finally connect the plug to the socket.

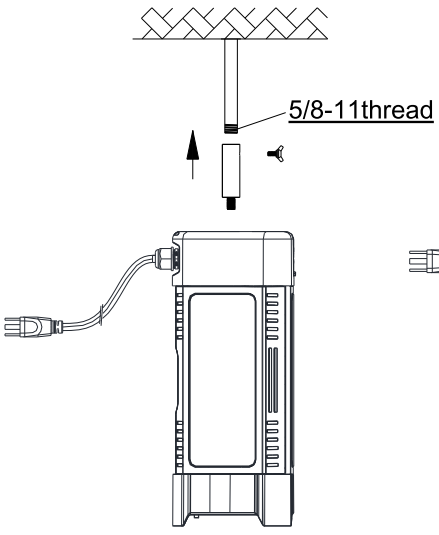



Figure15

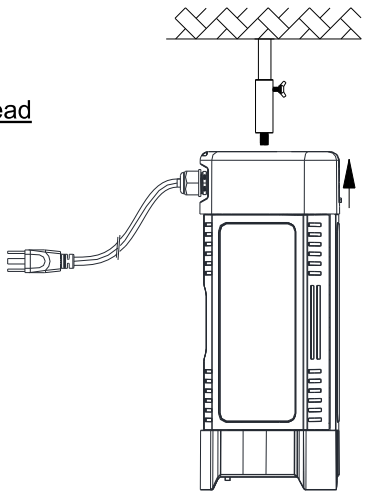


Figure 16

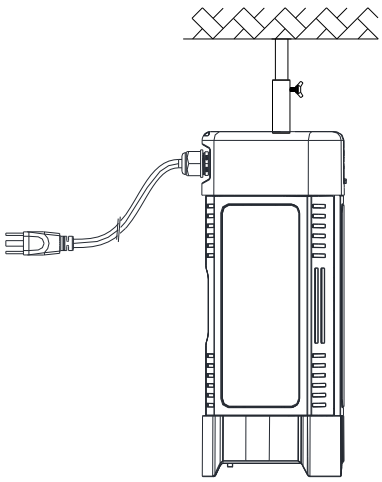


Figure 17

# GLOW™
## LED Portable Work Light

## Installation

**Warning / Avertissement**
**MIN 75°C SUPPLY CONDUCTOR**
**THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.**

**LES FILS D'ALIMENTATION 75°C MIN**
**CE PRODUIT DOIT ÊTRE INSTALLÉ SELON LE CODE D'INSTALLATION PERTINENT, PAR UNE PERSONNE QUI CONNAÎT BIEN LE PRODUIT ET SON FONCTIONNEMENT AINSI QUE LES RISQUES INHÉRENTS.**

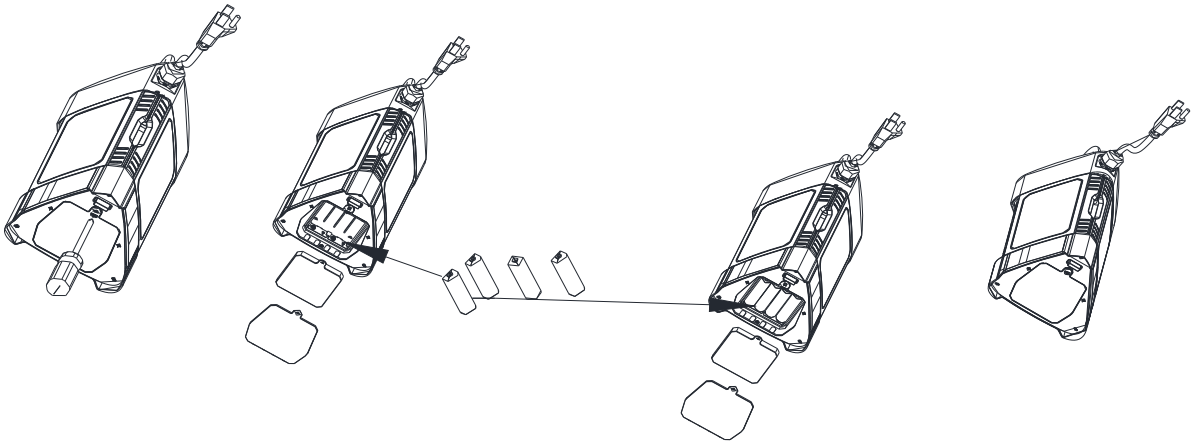


figure 1 figure 2 figure 3 figure 4

## Installation Steps

**Step 1: Open the battery cover with a screwdriver and remove the silicone sleeve, See Figure 1. Step 2: Remove the silicone sleeve, see Figure 2.**

**Step 3: Install Four AA rechargeable batteries, see Figure 3.**

**Step 4: Install the silicone sleeve and battery cover successively, see Figure 4**

## Note:

1. This product needs to use with Four AA rechargeable batteries,LR03 1.3V batteries.
2. Do not use old batteries or mix up with different types of batteries.
3. The battery may discharge completely after 12 months even if not in use.

# GLOW™
## LED Portable Work Light

## Notice For User

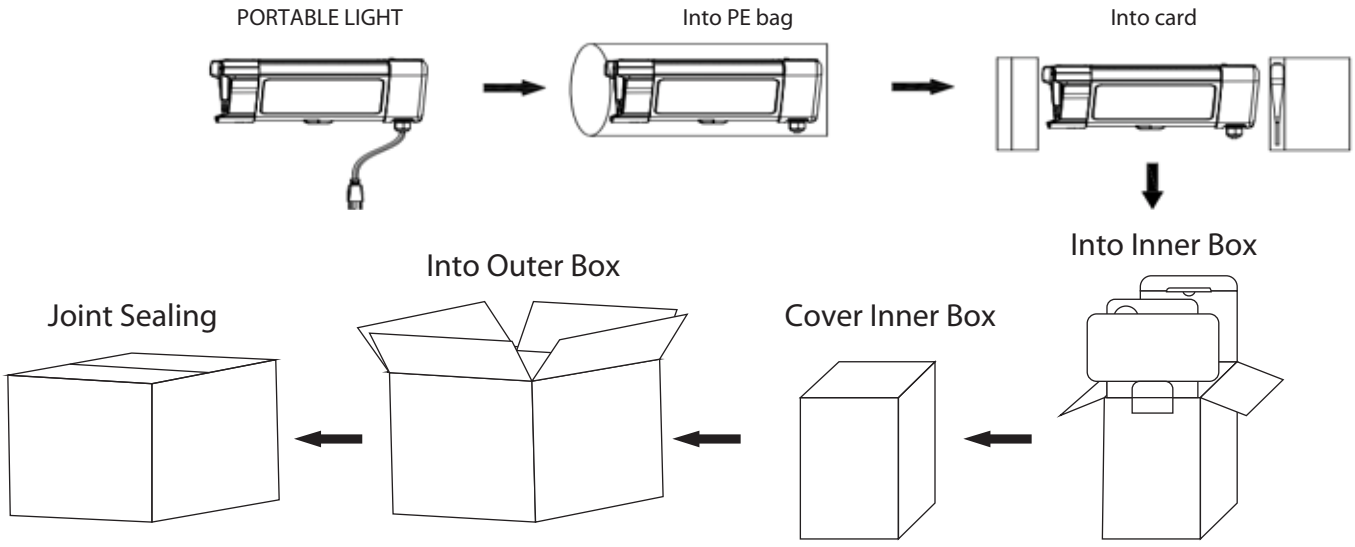
- Please turn off power before install or change assembly parts.
- The input voltage and luminaire should be matched, after connecting the power line, Please make sure the wiring section is insulated.
- No-professionals, must not install and disassemble the luminaire.

### TROUBLE SHOOTINGS

| Troubles | Check points |
|---|---|
| Flickering of the light | Turn off the power and turn on again in 3 minutes.<br>If same phenomena occur, then call agencies. |
| Out of working | Please check the connection. |

## Packaging

| Bracket Type | Box Dimension | Qty | Net Weight | Gross Weight |
|---|---|---|---|---|
| Inner Box | 7.67" x 6.69" x 13.58" | 1 Pcs/ Box | 5.15LBS | 5.7LBS |
| Outer Box | 16.14" x 14.17" x 14.17" | 4 Pcs/ Box | 20.63LBS | 24.42LBS |



# GLOW™
## LED Portable Work Light

## Application Image





## Warranty

**This product is covered under a 5-year warranty. For complete warranty details, Click Here.**