# ArcS™ Ⅱ B

## 20W Tri-proof Lamp with Built-in Power

### TP-020-AW-BH-03

Patented | Ik10 | IP 65 | CRI ≥80

CE | RoHS | SAA | 650℃ Glow-Wire

DLC | c(UL)us | TÜV SÜD | Warranty 3 years for normal type

Warranty 5 years for UL type
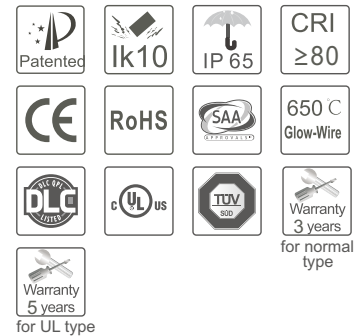
## Description

Tri-proof light is usually used in environment which require water-proof, dust-proof,corrosion-proof lighting, and it is widely used in shopping mall,warehouse and other indoor places. Tri-proof light of medium power can be ceiling mounted or suspending installed. Adopt aluminum alloy and PC as the material which ensure that it can work stably in different environment. White appearance. Lifespan: 30,000 hours. Operating environment:-20℃～40℃. CE/RoHS compliant.

## Features

1.Water-proof design without adhesive, so there is no water leakage caused by adhesive aging, convenient to disassemble;

2.Anti-UV cover, it's ideal choice for outdoor use;

3.High impact resistance PC cover, IK10;

4.High transmittance PC cover transmit soft light, high light efficiency ,uniform light ;no dark spot;

5.High efficient heat dissipation, LEDs and power supply low temperature rise ,high stability of continuous working;

6.Can switch start frequently, no flicker;

7.Compact appearance, novel design style, easy to install and transport.

## Specifications

| Model # | CCT | LED Type Quantity | Lumen(lm) (±10%) | CRI | Beam (angle°) | Power(w) (±10%) | Voltage, Frequency, Current | PF | Corrosion-proof Grade |
|---------|-----|-------------------|------------------|-----|---------------|-----------------|------------------------------|-----|----------------------|
| TP-020-AW-W-BH-03 | 5500-6500K | 2835 144pcs | 2750 | ≥80 | 230° | 20 | AC100-240V 50/60Hz 0.3A | ≥0.9 | W |
| TP-020-AW-NW-BH-03 | 4000-4500K | | 2660 | ≥80 | 230° | 20 | | | |
| TP-020-AW-WW-BH-03 | 2700-3200K | | 2590 | ≥80 | 230° | 20 | | | |

## Main Applications

Tri-proof light of medium power can be used in warehouse, parking lot,shopping mall,farm,food factory, cold storage, metro, underground passage and other places.
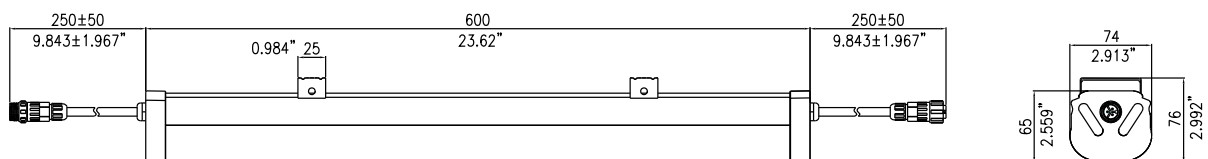


## Dimensions (Unit: mm)
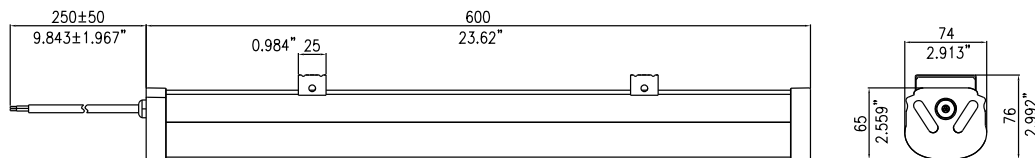


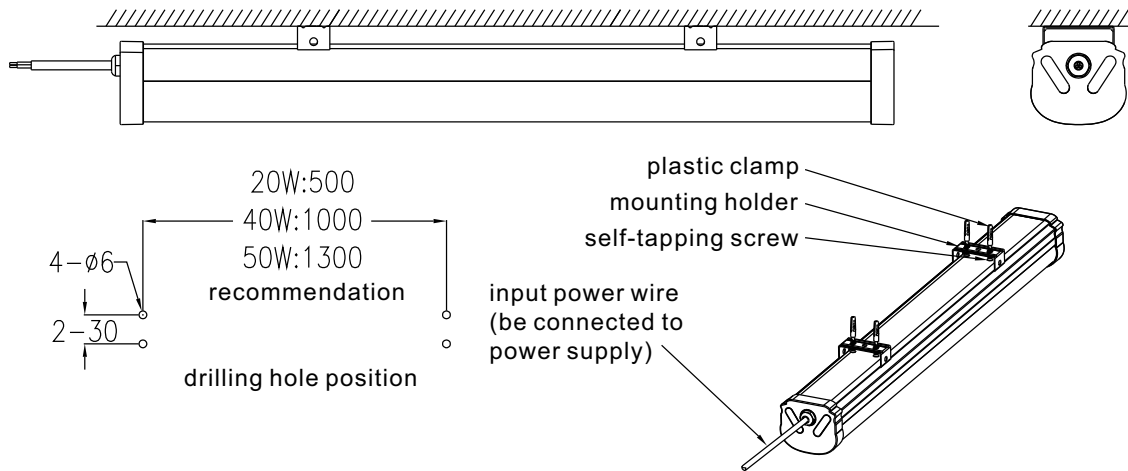Three-core waterproof bare wire expose from one end by 250mm.
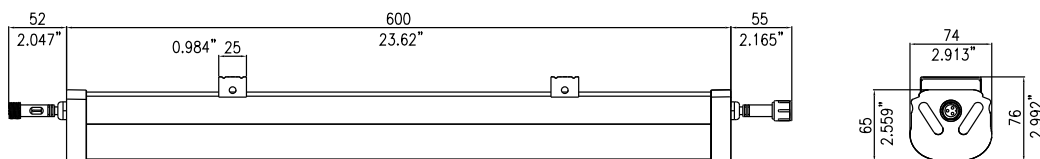


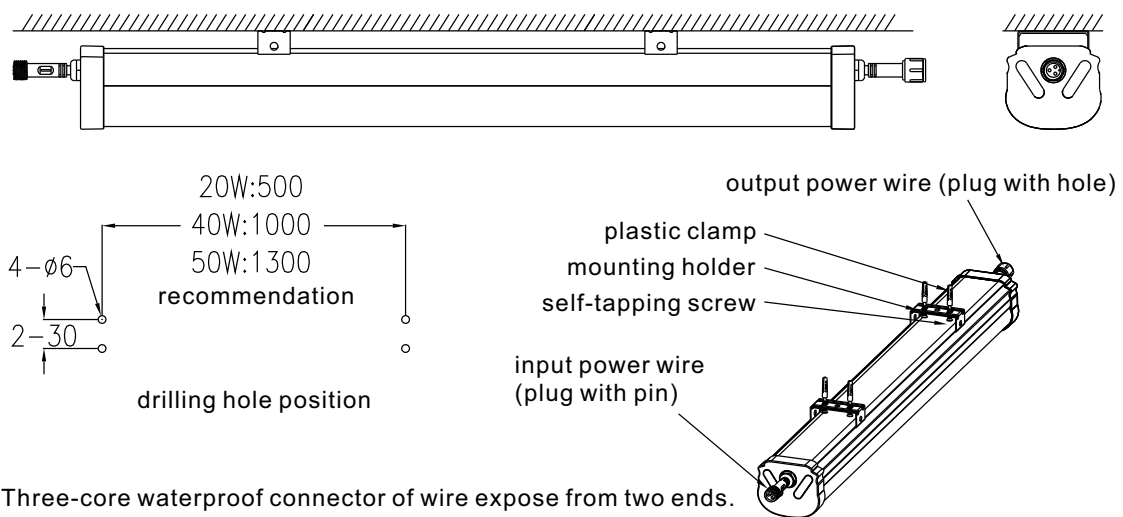Three-core waterproof connector of wire expose from two ends.



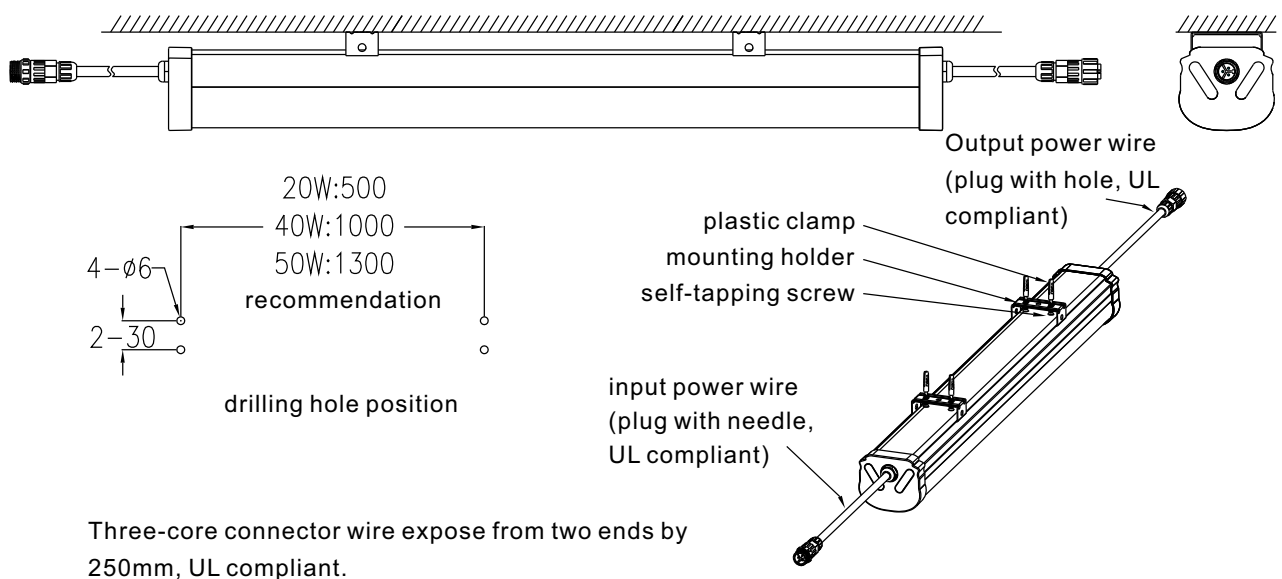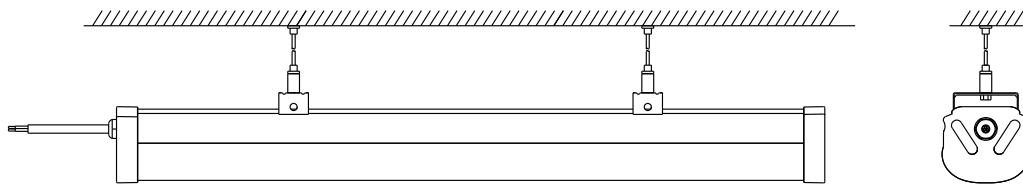Three-core connector wire expose from two ends by 250mm, UL compliant.

# How to fix

## Ceiling installation

20W:500
40W:1000
50W:1300
recommendation

4−ø6

2−30

drilling hole position

plastic clamp
mounting holder
self-tapping screw

input power wire
(be connected to
power supply)

Three-core waterproof bare wire expose from one end.

20W:500
40W:1000
50W:1300
recommendation

4−ø6

2−30

drilling hole position

output power wire (plug with hole)

plastic clamp
mounting holder
self-tapping screw

input power wire
(plug with pin)

Three-core waterproof connector of wire expose from two ends.

20W:500
40W:1000
50W:1300
recommendation

4−ø6

2−30

drilling hole position

Output power wire
(plug with hole, UL
compliant)

plastic clamp
mounting holder
self-tapping screw

input power wire
(plug with needle,
UL compliant)

Three-core connector wire expose from two ends by
250mm, UL compliant.

## Suspendent installation

Insert external thread of pendant steel wire into through-hole, and fasten it with M5 nut.

20W:500
40W:1000
50W:1300
recommendation

2-Ø6

drilling hole position

Input power wire (be connected to power supply).

Three-core waterproof bare wire expose from one end.
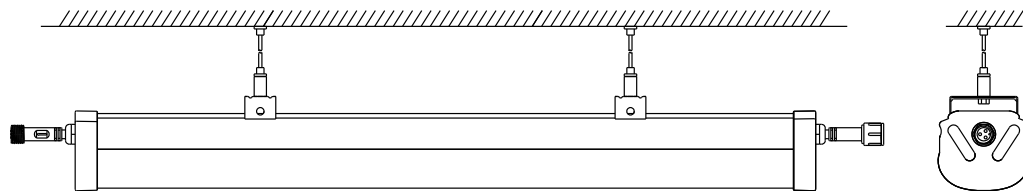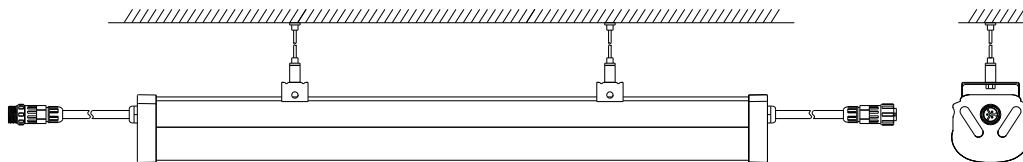
Output power wire (plug with hole).

Insert external thread of pendant steel wire into through-hole, and fasten it with M5 nut.

20W:500
40W:1000
50W:1300
recommendation

2-Ø6

drilling hole position

Input power wire (plug with pin).

Three-core waterproof bare wire expose from one end.

Output power wire (plug with hole, UL compliant).

Insert external thread of pendant steel wire into through-hole, and fasten it with M5 nut.

20W:500
40W:1000
50W:1300
recommendation

2-Ø6

drilling hole position

Input power wire (plug with needle, UL compliant).

Three-core connector wire expose from two ends by 250mm, UL compliant.

## Package information

Net weight:1.06kg       Gross weight:1.2kg
Single package dimension:690*80*80mm
Outer carton dimension:700*340*270mm,12pcs/caron (gross weight14kg)

## Installation requirement

1.Power off before installation;

2.First make sure the installation material can endure the weight of lamp, securely fix the clip with plastic
   clamp and self-tapping screws on the installation surface, then snap the lamp into clip;

3.Connect the light wire to the wire of power supply, and process the joint  with insulation sealing;

4.If you choose pendent installation, fix the steel wire on the installation surface, cross the M5 bolt of one end
   of steel wire through $\phi$5.5hole, and fasten with M5 nut at another end;snap the lamo into sanp, finally adjust
   the length of steel wire to prevent losing and falling.

| AC100-240V | L / GND / N | INPUT 20W 3PLight OUTPUT | L / GND / N | INPUT 20W 3PLight OUTPUT | L / GND / N | INPUT 20W 3PLight OUTPUT | L / GND / N | + · · · |

Connect 10 pcs in maximum.
Two lamps need to be connected by three-core waterproof wire.

| AC100-277V | L / GND / N | INPUT 20W 3PLight OUTPUT | L / GND / N | INPUT 20W 3PLight OUTPUT | L / GND / N | INPUT 20W 3PLight OUTPUT | L / GND / N | + · · · |

Connect 20 pcs in maximum.
Two lamps are connected by exposed three-core connection wire.

## ⚠ Notice

1.Please first read the product specification carefully, make sure the using   environment conform to  specification,
   then it can be used;

2.Please confirm the input voltage, frequency before use;

3.This product must be installed by professionals;

4.If there is any damage to the power wire or shell of the product, it should  be taken as defective product and do
   not use it;

5.Dangerous high voltage, non-professionals are not allowed to maintain the product; If external soft cable or soft
   wire of the light is damaged, it should be replaced by manufacture or service agent or personnel with similar
   qualification to avoid danger.