ArcS™ I

0-10V/Dali dimmable Tri-proof LED Lamp
FTN-TP-070-AW-06/07

Patented | 0-10V | DALI | Ik10

IP 65 | CE | RoHS COMPLIANT | Warranty 3 years

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 high power can be surface mounted or suspendent installed,and it can work stably in different environment.

Features

1. ArcS I series tri-proof lamp with 230° beam angle to replace fluorescent tube;

2.Water-proof,dust-proof,impact-proof design,can be used in harsh environment;

3.Use fire-resistant PC cover, can pass 650° glow wire test;

4.High efficiency, up to 100 lm/W;

5.External power supply, easy to maintain;

6.Anti-glare cover, protect eyes better.

7.Dimmable power supply, and the power supply and lamp are installed seperately; excellent thermal management ensure long lifetime.
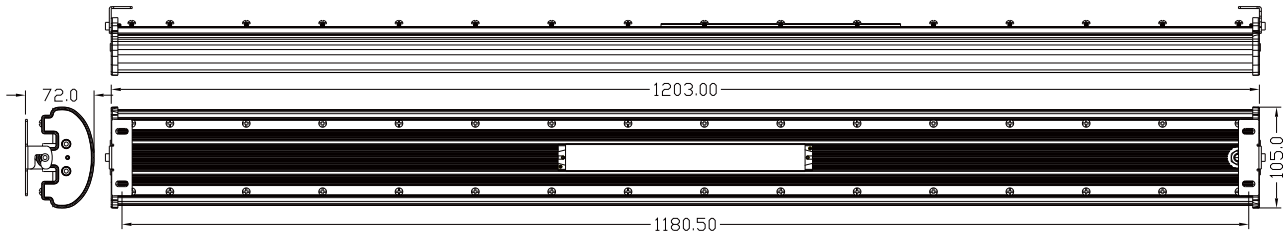
Signcomplex | We bring innovation and give inspiration

Technical Parameters

Model	Color	CCT	LED Typ.	LED Qty.	Light Output (lm±10%)	Max. current (A)	Power (W)	Voltage(V) Frequency	Beam angle	CRI	PF
FTN-TP-070-AW-W-06	white	5500-7000K			7170	1.5	70		230°	≥80	≥0.9
FTN-TP-070-AW-NW-06	natural white	4000-4500K	2835	480pcs	7600	1.5	70	AC 100-265V 50/60Hz	230°	≥80	≥0.9
FTN-TP-070-AW-WW-06	warm white	2700-3200K			6630	1.5	70		230°	≥80	≥0.9
FTN-TP-070-AW-W-07	white	5500-7000K			6560	1.5	70		230°	≥80	≥0.9
FTN-TP-070-AW-NW-07	natural white	4000-4500K	2835	480pcs	6700	1.5	70	AC 100-265V 50/60Hz	230°	≥80	≥0.9
FTN-TP-070-AW-WW-07	warm white	2700-3200K			6630	1.5	70		230°	≥80	≥0.9

Main Applications

Suitable for warehouse, parking lot,shopping mall, farm, factory, cold storage, subway, underground passage,etc.
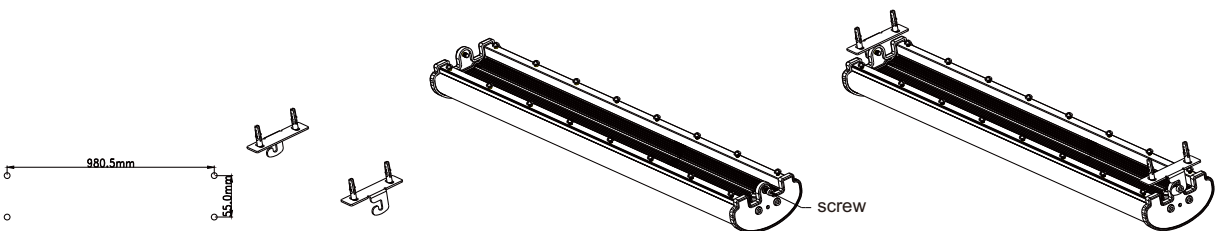

Dimension(Unit:mm)

Instalaltion diagram

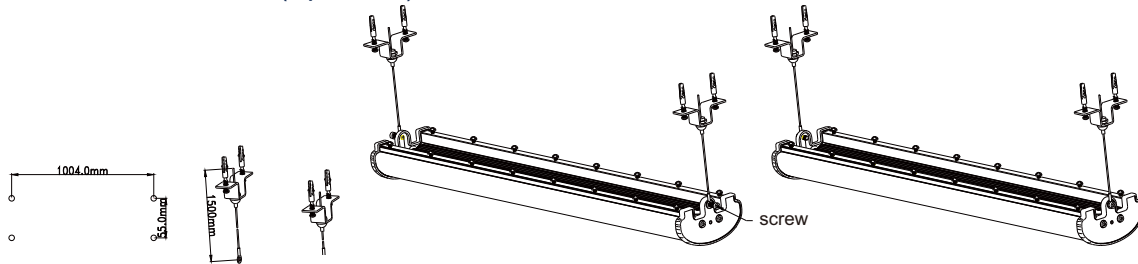### Installation Method 1 (standard)

1.Drill 4 holes of 6.5mm diameter;

2.Install the bracket on the wall, and make sure the direction should is the same;

3.Turning the screw but not tightly, leave 3-4mm space;
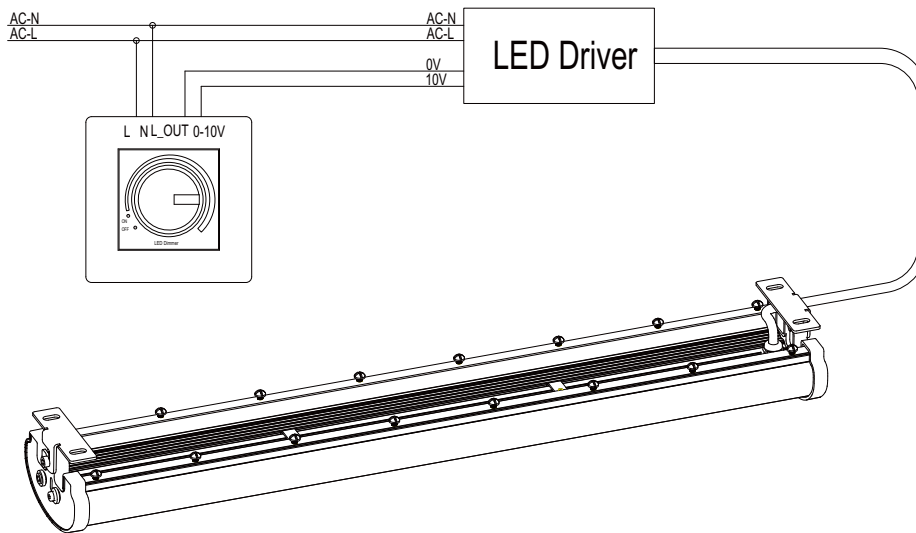
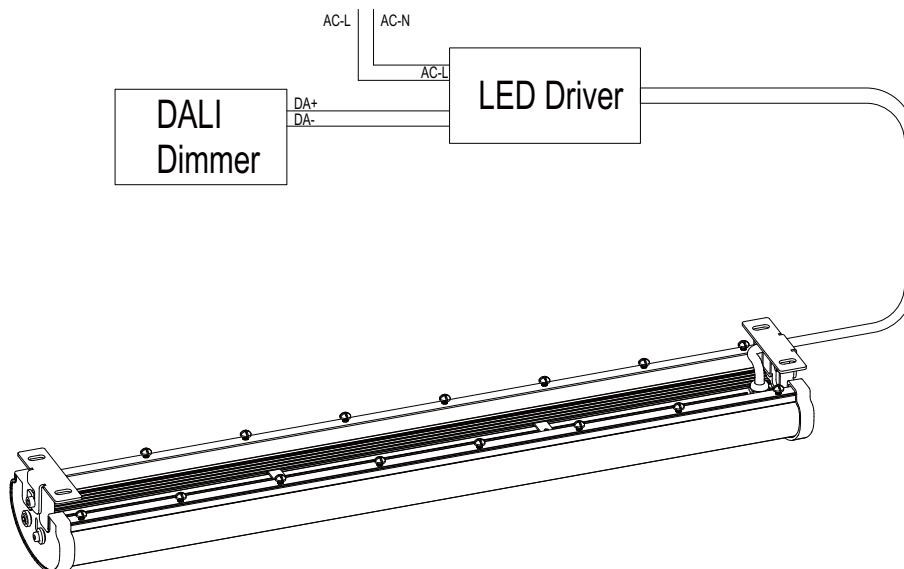4.Install the light and tighten the screw.

Installation Method 2 (optional)

1004.0mm

55.0mm

1500mm

screw

1.Drill 4 holes of 6.5 mm diameter;;

2.Install the bracket on the wall;

3.Cross the screws through hanging ring to fasten both sides of the light;

4.Adjust the height of both sides wire.

Wiring Diagram

Wiring Diagram of 0-10V Tri-proof Lamp（FTN-TP-070-AW-W-06）

AC-N
AC-L
AC-N
AC-L
0V
10V
LED Driver

L N L_OUT 0-10V

Wiring Diagram of DALI Dimming Tri-proof Lamp (FTN-TP-070-AW-W-07)

AC-L   AC-N

AC-L

DALI
Dimmer

DA+
DA-

LED Driver

Package information

Lamp:net weight 2.3KG   gross weight 2.4KG
Power supply: net weight 0.74KG   gross weight 0.78KG

Installaltion requirment

1.Prepare various components and accessories of lamp;
2.Power off before installation;
3.Ensure the product is fixed on the surface of installed material;
4.Connect the lamp wire to power wire, and poer on;
5.Connect dimmer if necessary; deal with dimming signal wire with waterproof processing.

❗ Notices

1.Please first read the product specification carefully, make sure the using   environment conform to
   specification, then it can be used;
2.Please confirm applicable power supply before use;
3.Power off before connected to power supply to prevent electric shock;
4.Unprofessional operation may damage the products,even harm to body;
5.Preliminarily estimate the quantity of 3P lamp;calculate the total power, and design distribution
    program;
6.Dangerous high voltage, non-professionals are not allowed to maintain the product;
7.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.
8.Power off before installation, seal the joint of powe wire.