ASTRELIGHTS INC

Spec of CCT & Wattage Selectable Full Cutoff Wall Pack

Energy Saving 70%

5 Years warranty

Ra>80 **PF>0.9**

AC 120-277V

FC

American Lighting Industry Corp

Web : www.ali-corp.com   E-mail : acct@ali-corp.com
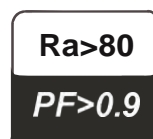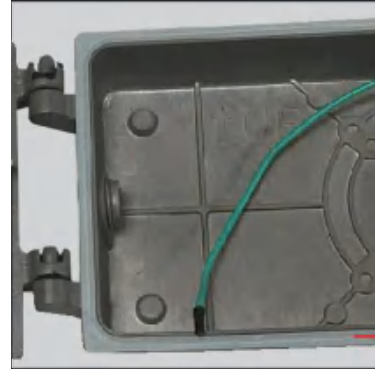
Provide BECKY and FOSEN drive options
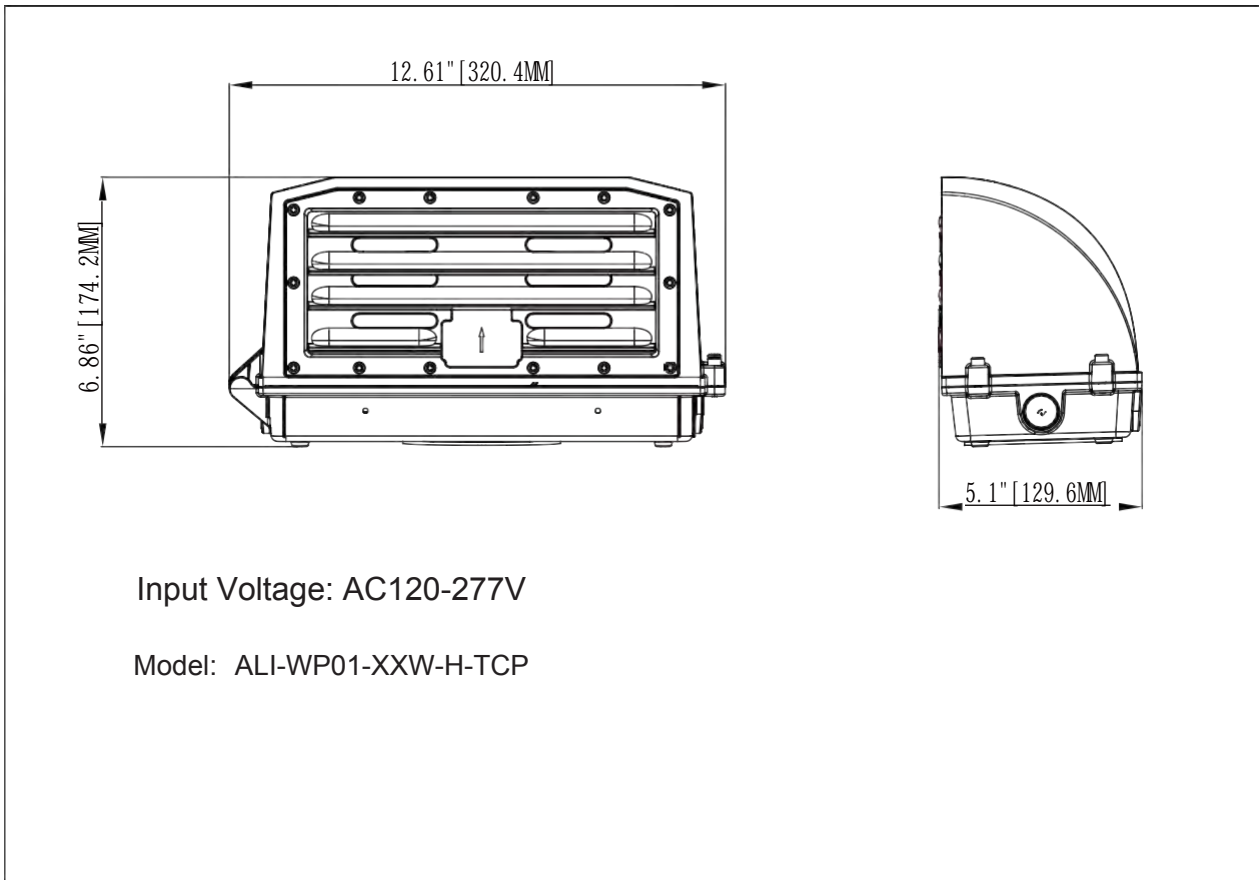
Using an isolated, 1-10V dimmable.

Protection level: Wet Location

The wall pack is sealed by silicone ring that can avoid dust completely and be waterproof, also the internal level ensures that the installation is horizontal.

silicone ring

Product Dimension

12. 61" [320. 4MM]

6. 86" [174. 2MM]
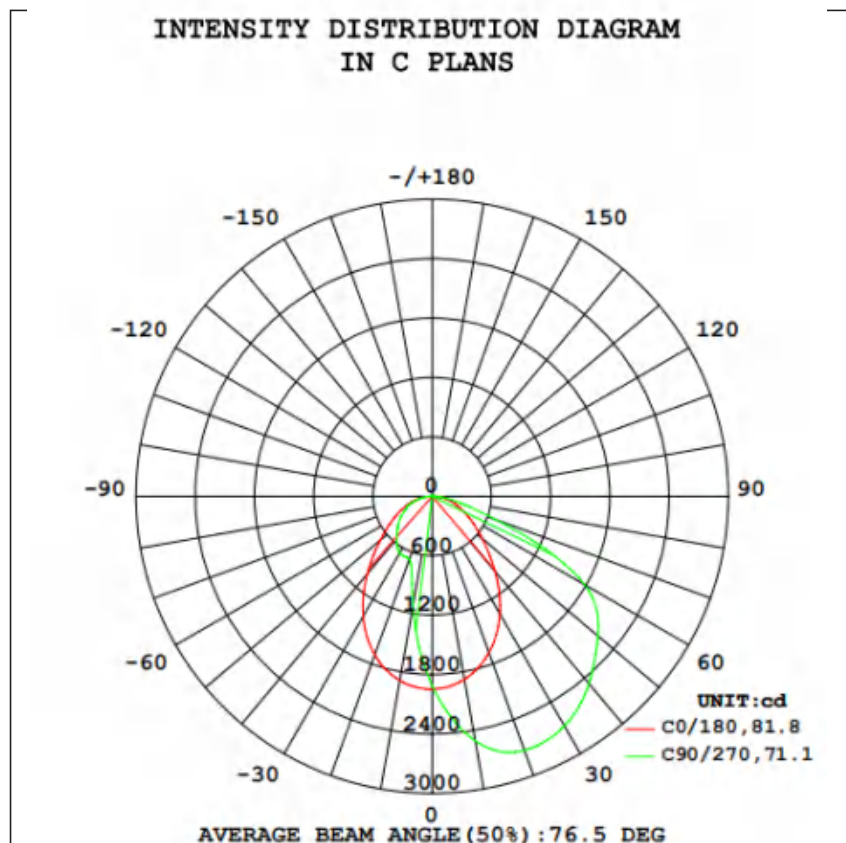
5. 1" [129. 6MM]

Input Voltage: AC120-277V

Model: ALI-WP01-XXW-H-TCP

XXW represents wattage: 45W/60W/75W   TCP represents the CCT:3000K, 4000K,5000K.

Lighting Parameters

Power	45W	60W	75W
Rate Current	0.412A	0.55A	0.687A
Working Voltage	AC120-277V		
Beam Angle	70°x80 °		
Color Temperature	3000K,4000K,5000K		
lamp's Luminous Efficiency	——	120lm/W	
Color Rendering Index	Ra＞80		
Operating Temperature	-40℉～+104℉		
Storage Temperature	-40℉～+158℉		
Environment Location	Wet Location		
Life-span	≥50000H		
Materials	ADC12		
LED Driver	A，BECKY / B，FOSEN		
Mounting	Bracket fixed		

Optical Properties

INTENSITY DISTRIBUTION DIAGRAM IN C PLANS
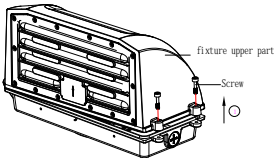
UNIT:cd
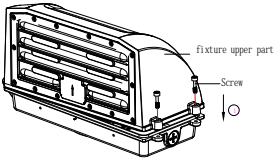C0/180,81.8
C90/270,71.1

AVERAGE BEAM ANGLE(50%):76.5 DEG

1.Instructions for CCT & Wattage Selectable 2nd Gen. Full cut-off Wall Pack (with Pre-built Photocell).
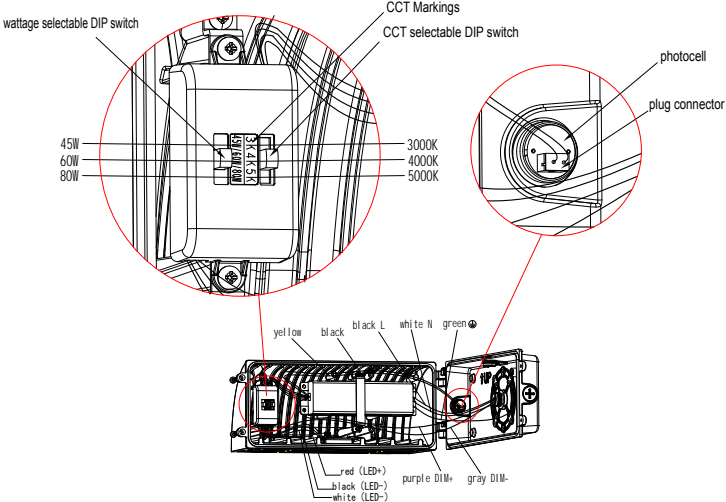
1.Unscrew with a screwdriver to remove the fixture upper part.

fixture upper part
Screw

3.After selecting the CCT and wattage, lock the upper part by tightening screws into bottom case for the end.
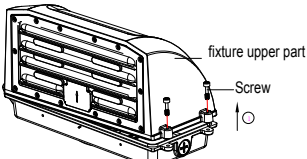
fixture upper part
Screw

2.Open the bottom case, set up CCT and wattage through internal DIP switches according to the markings. the default CCT position (centre) is 4000K, dial up to 3000K, dial down to 5000K, dial centre to 4000K; The default wattage position (centre) is 60W, dial up to 45W, dial down to 80W, dial centre to 60W. Users can dial to positions of required CCT and wattage.
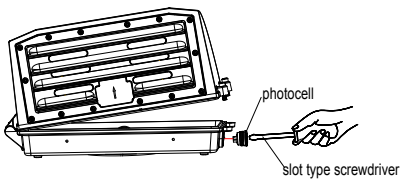
wattage selectable DIP switch
CCT Markings
CCT selectable DIP switch
photocell
plug connector

45W
60W
80W

3000K
4000K
5000K

yellow   black   black L   white N   green
red (LED+)
black (LED-)
white (LED-)
purple DIM+   gray DIM-

2.Instructions for CCT & Wattage Selectable 2nd Gen. Full cut-off Wall Pack (with DIY Photocell).

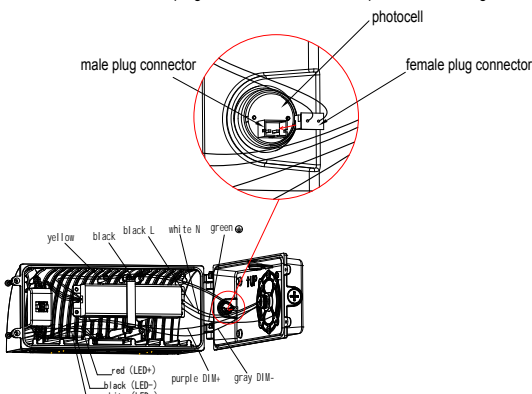1.Unscrew with a screwdriver to remove the fixture upper part.
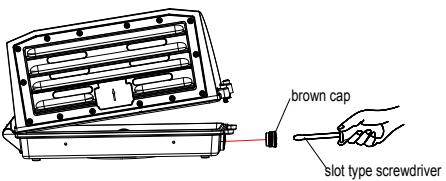
fixture upper part
Screw

3.Screw transparent photocell into the side of base with a slot type screwdriver.

photocell
slot type screwdriver

2.Unscrew the brown cap in the side of base with a slot type screwdriver.

brown cap
slot type screwdriver

4.Open the bottom case; insert the male plug connector from driver to photocell's mating connector.

photocell
male plug connector
female plug connector

yellow   black   black L   white N   green
red (LED+)
black (LED-)
white (LED-)
purple DIM+   gray DIM-

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5. After connecting the light sensor, set the CCT and power value through the internal dial switch(internal DIP switches).
According to the label, the default color temperature switch is 4000K, dial upward to 3000K, dial downward to 5000K, and dial to 4000K in the middle.
The default power switch is 60W, dial upward to position 45W, dial downward to 80W, and dialto 60W in the middle; users can dial to the desired CCT
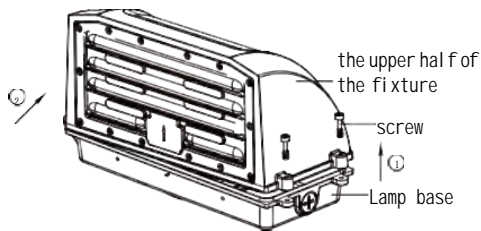and power value.
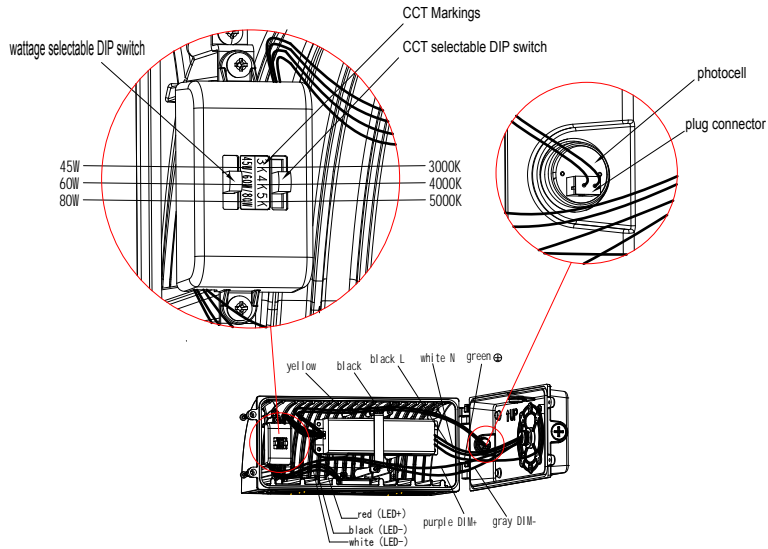
CCT Markings

wattage selectable DIP switch

CCT selectable DIP switch

photocell

plug connector

45W
60W
80W

3K 4K 5K
45W 60W 80W

3000K
4000K
5000K

yellow   black   black L   white N   green ⊕

red (LED+)
black (LED-)
white (LED-)

purple DIM+   gray DIM-

6.After selecting the CCT and wattage, lock the upper part by tightening screws into bottom case for the end.
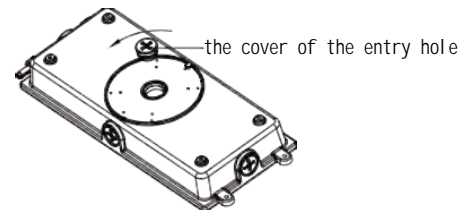
fixture upper part
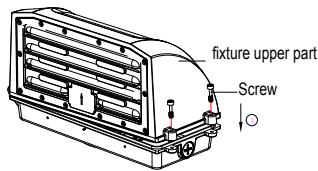
Screw

Installation Instruction

1. Use a screwdriver to unscrew the lamp screws and remove the uppper half of the fixture.

the upper half of the fixture
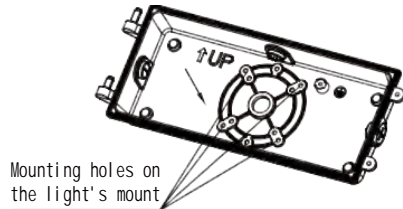
screw

Lamp base

2. Unscrew the cover of the entry hole on the lamp base and remove the cover.

the cover of the entry hole

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3. According to the embedded terminal box, punch the correspongding mounting hole on the light's mount.

Mounting holes on the light's mount
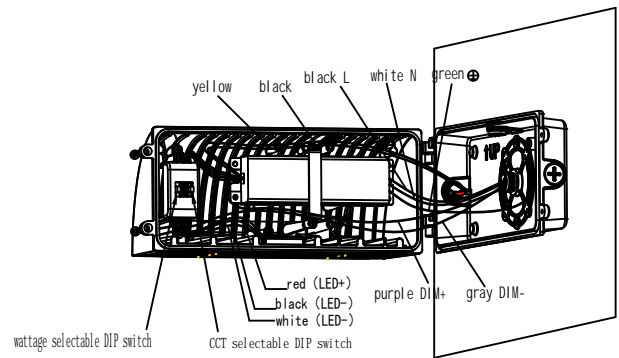
4. Put the input line in the embedded box passes through the waterproof pad and then passed through the lamp base.
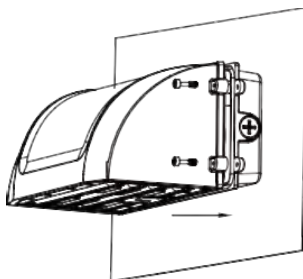
The wall for installing fixture
Embedded junction box
Wire
Waterproof pad
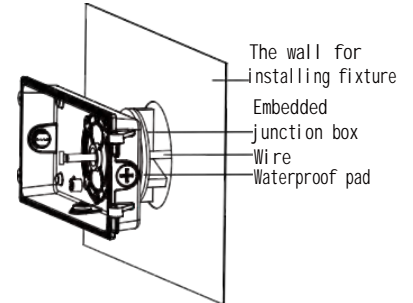
5. Use screw to lock the lamp base on the embedded junction box.
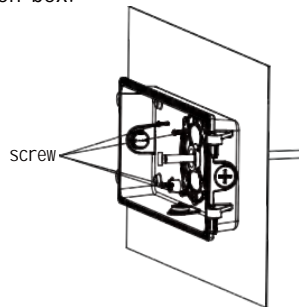
screw

6. Connect the input wire and the dimming wire of the light, then put the connected wires into the embedded terminal box, adjust the switch to the color temperature and Wattage needed.

yellow   black   black L   white N   green ⊕

red (LED+)
black (LED-)
white (LED-)

wattage selectable DIP switch   CCT selectable DIP switch   purple DIM+   gray DIM-

7. Use screws to lock the fixture. Installation completed.

Applications

Packing /weight

Model	Outer box (L*W*H)	Qty/Ctn (pcs)	N.W/Ctn (lbs/kg)	G.W/Ctn (lbs/kg)	Remarks
ALI-WP01-XXW-H-TCP	15.55″*14.6″*19.5″ 395*370*495mm	4	21.43/9.72	27.20/12.34	0.15M cable

Safety Information

1、Using the standard working voltage: AC120~277V, 50/60Hz, do not exceed.
2、Be sure the power supply is turned off before installation.
3、Switch off power of the mains supply or the connection lead respectively before doing any works.
4、Please note waterproof, dustproof, electricity prevention and shockproof for the external power wires.
5、Directly fix bolts on the installation stem through the hole on the mounting bracket.
6、Be sure the connection between the wires is in good condition when install the lamps, beware of leakage.
7、Please read the specification carefully before installation.
8、The complete installation must be handled by an electrical expert