



## Tproof-A lamps

### TPA-020/040/050-AW-XXK-ZYY



### Description:

Tproof-A lamps are designed for application sites where waterproof, dustproof and mild corrosion prevention lighting is required such as warehouse, parking lots, foodstuffs factory, dust plant and other sites. The main body and end cover adopts PC materials. With high temperature , the product may be used in application environment with mild corrosion prevention. It is superior to common tri-proof lamps. The optical-electric separation design makes the LED service life reach 60,000 hours.

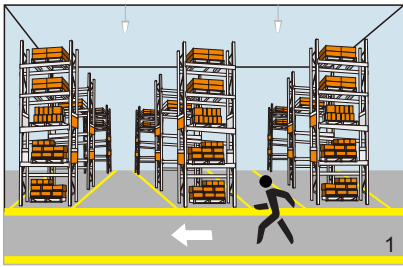
### Features:

1. The rotary end cover facilitates to open for wiring and saves more than half of the installation time.
2. With press type terminals, wiring is performed without use of tools.
3. No buckles, beautiful appearance;
4. High transparent cover, high lighting effect, giving out even and soft light.
5. PC materials for the whole lamp, high impact resistance, IK08;
6. Extrusion design for the lamp body, higher waterproof performance, IP65.
7. Use environment temperature: -20°C ~ 40°C(normal series), -20°C ~ 35°C(sensing series);
8. Two installation modes for selection: ceiling holder and suspension rope.
9. Corrosion-proof grade: mild corrosion prevention.

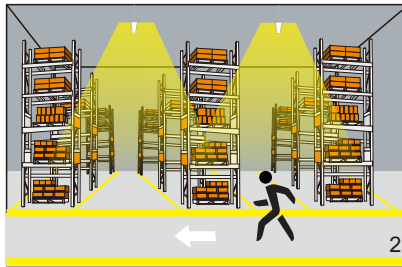


## Sensing series introduction

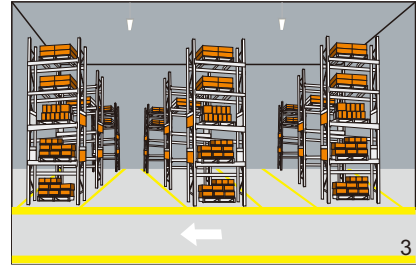
Those tri-proof lamps that built-in sensor can detect moving objects and environment brightness.



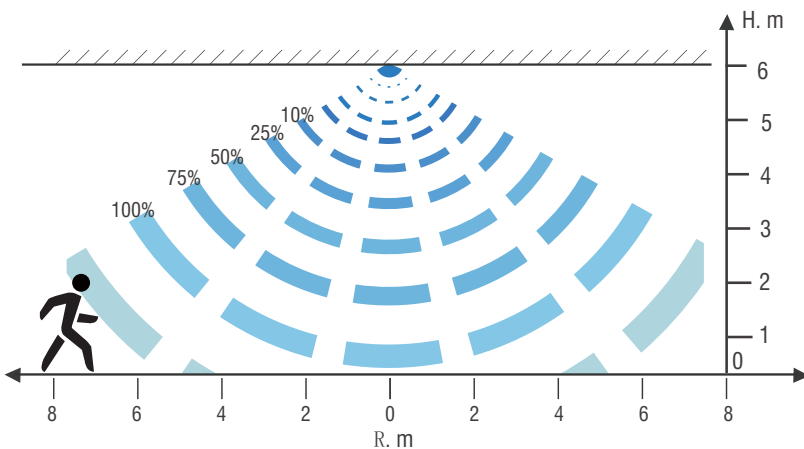
The lamp keeps off in the daytime.



In the evening, if there is moving object around, the lamp switch on.



No moving object around, 5 minutes later the lamp switch off.



Standby power	<0.5W
Microwave frequency	5.8GHz 75MHz
Microwave power	<1mW
Mounting height	Max.6m
Detection range	Max.14m

## Remote controller introduction

All control parameters are set via a remote controller. the remote controller need to be bought separately. Model of remote controller: HD02R

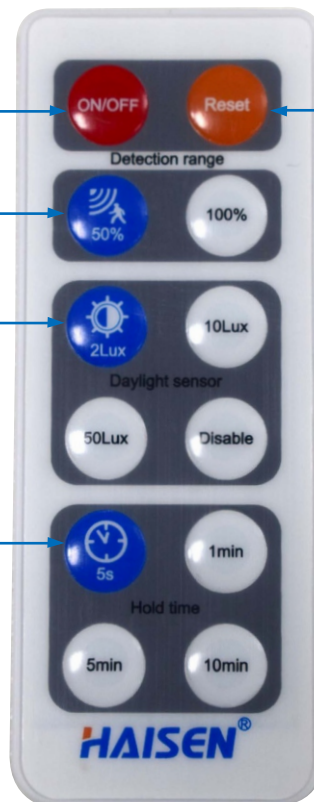
To set the lamp keeps permanently on or off, press "reset" to quit from this mode.

The detection Range will also reduce to sensitivity.

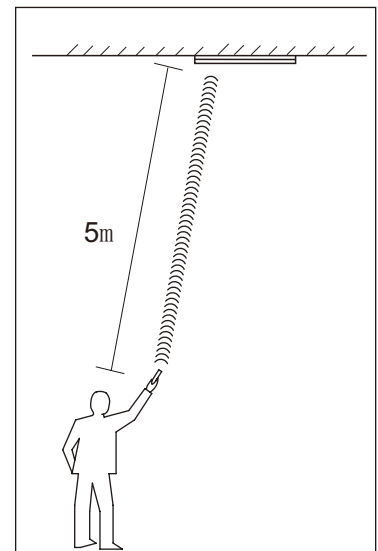
The sensor can be set to only allow the lamp to illuminate below a defined ambient brightness threshold.

\*When set to Disable mode, the lamp switch on when motion is detected regardless of ambient light levels.

Refers to the time period the lamp remains at 100% illumination after no motion detected.



All the setting will be just initial:  
 Detection range: 100%  
 Daylight sensor: Disable  
 Hold time: 5S





## Technical parameters:

MODEL	CCT	lumen(lm) (±10%)	Beam angle	LED type	Voltage(V)	Power(W) (±10%)	Current(A)	CRI	PF
TPA-020-AW-50K-Z302	5000K	2600	120°	SMD2835	AC120-277V 50/60Hz	20	0.30A	≥80	≥0.9
TPA-020-AW-40K-Z302	4000K	2580							
TPA-020-AW-30K-Z302	3000K	2400							
TPA-040-AW-50K-Z302	5000K	5200	120°	SMD2835	AC120-277V 50/60Hz	40	0.50A	≥80	≥0.9
TPA-040-AW-40K-Z302	4000K	5160							
TPA-040-AW-30K-Z302	3000K	4800							
TPA-050-AW-50K-Z302	5000K	6500	120°	SMD2835	AC120-277V 50/60Hz	50	0.60A	≥80	≥0.9
TPA-050-AW-40K-Z302	4000K	6450							
TPA-050-AW-30K-Z302	3000K	6000							

Note: "Z" Represent control function. It can be D: Dimmable series, S: sensor series, E: Emergency series

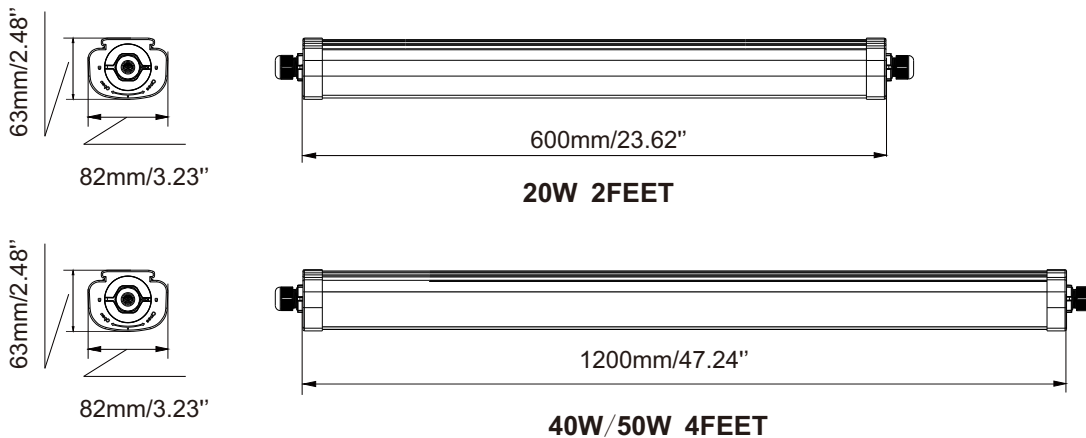
“Not all product variations listed on this page are DLC qualified.  
To ensure that a specific model is qualified, visit [www.designlights.org/search](http://www.designlights.org/search).”

## Application:

Tproof-A lamps may be used in warehouse, parking lot, foodstuffs factory, dust plant and refrigeratory and other sites.



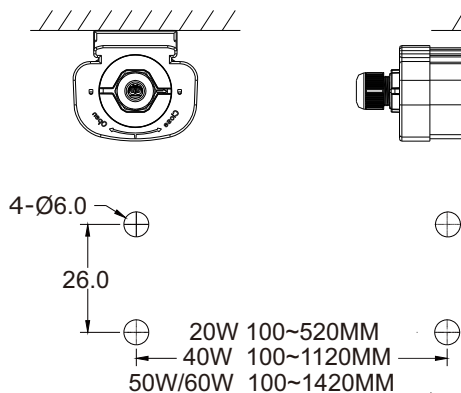
## Dimensions(Unit:mm/inch):



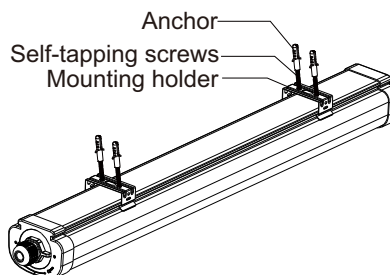
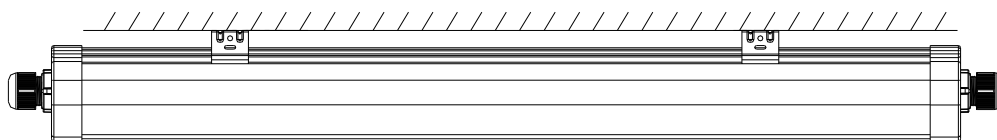


### Installation drawings:

#### Ceiling installation A



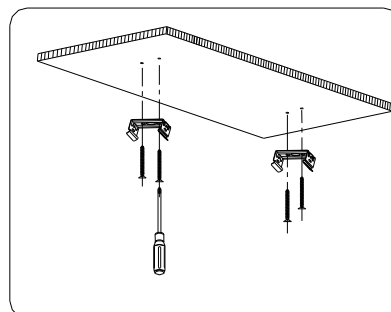
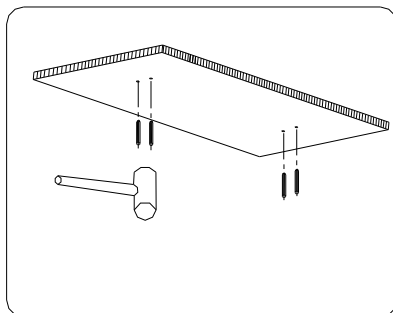
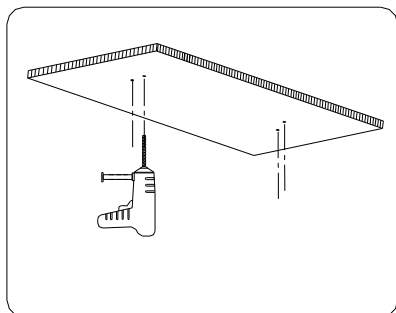
Ceiling installation



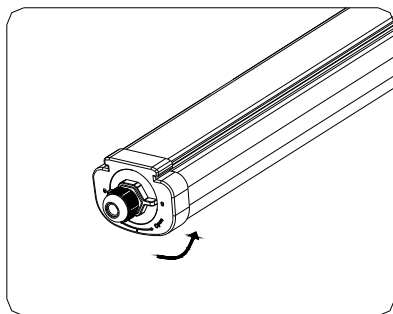
Drill hole size of ceiling installation

Note: Shipments No Self-tapping screws, No Anchor

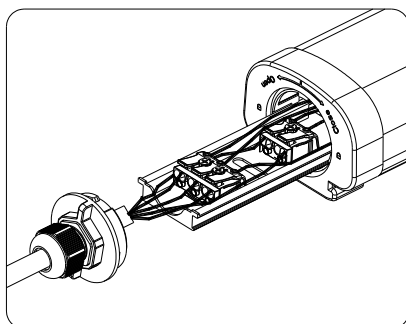
### Installation drawings:



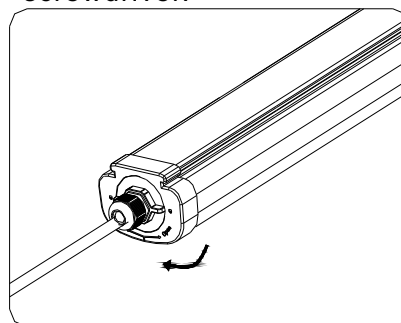
1. Drill hole size of ceiling installation
2. Hammer the Anchor into the hole
3. Install the Self-tapping screws into the Anchor and fix it by a philips screwdriver.



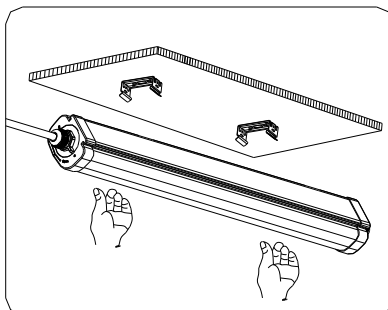
4. Turn the lamp holder counterclockwise



5. Connect the AC cable to the terminal through M20 waterproof connector, and then plug the terminal into the end cap.



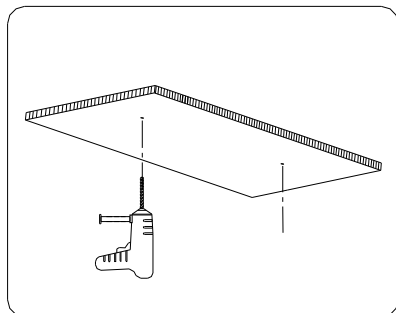
6. Turn the lamp holder clockwise and tighten it.



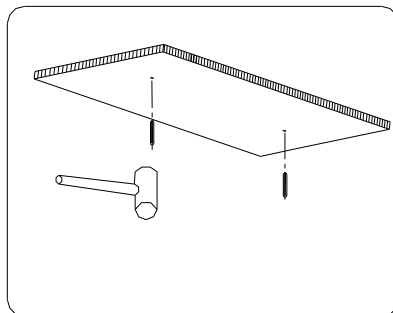
7. Clip the lamp onto a fixed bracket on the ceiling



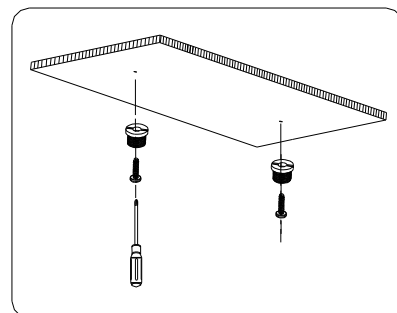
## Ceiling installation B



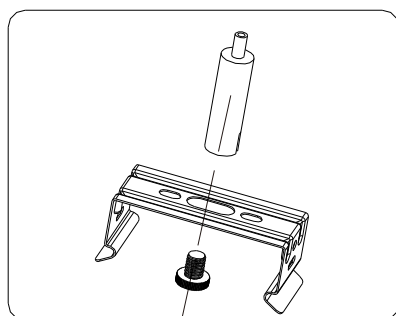
1. Drill hole size of ceiling installation.



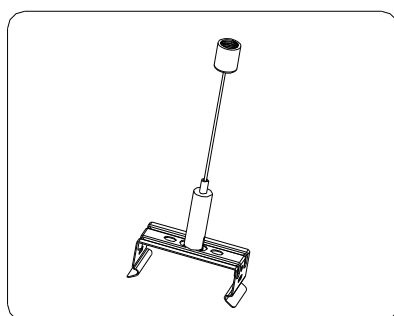
2. Hammer the Anchor into the hole.



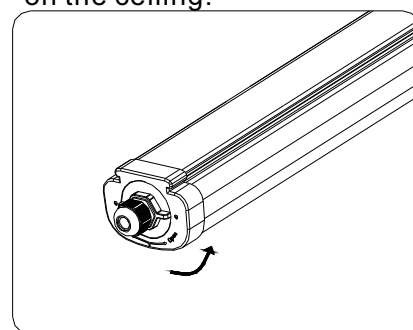
3. Install the Self-tapping screws into the hollow nut and fix it to the Anchor on the ceiling.



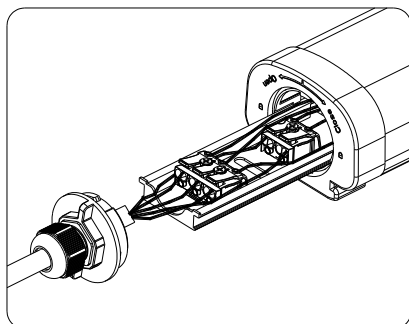
4. Screw the nut on the retainer through the ceiling bracket.



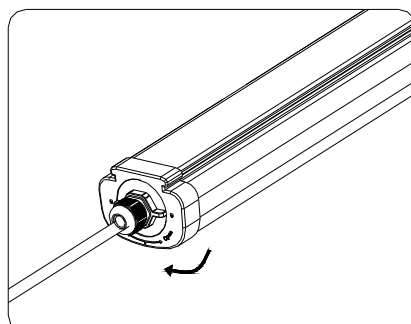
5. Pass the suspension sling through the retaining sleeve, tighten it on the hollow nut, and then pass the other end through the retainer.



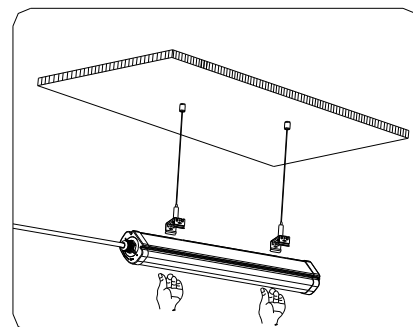
6. Turn the lamp holder counterclockwise.



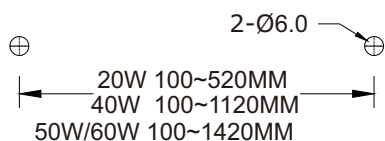
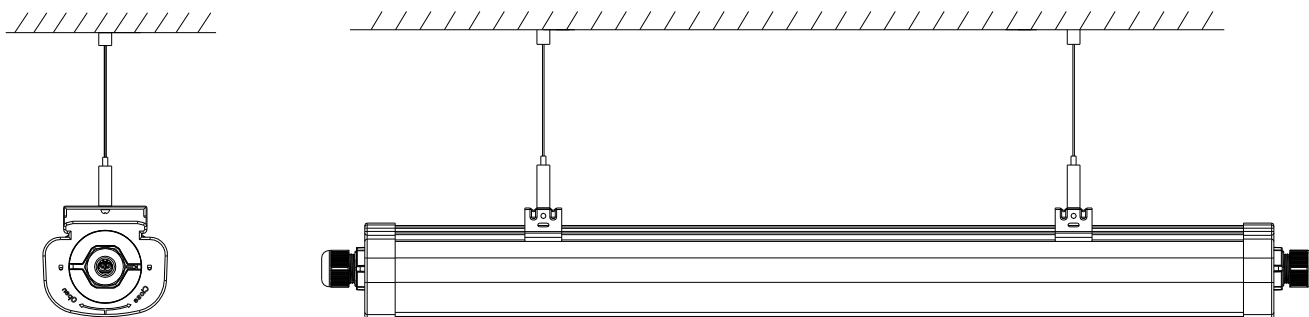
7. Connect the AC cable to the terminal through M20 waterproof connector, and then plug the terminal into the end cap.



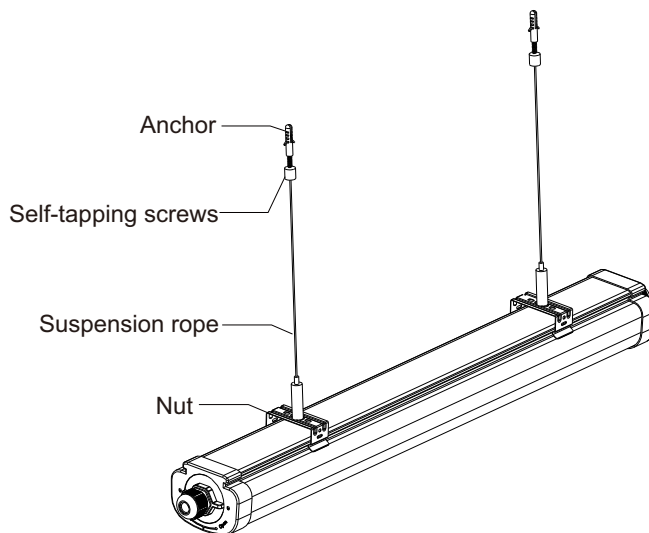
8. Turn the lamp holder clockwise and tighten it



9. Fix the lamp into the clip of suspension rope



Drill hole size of suspension installation



Suspension installation

### Product packaging information:

Size	Inner packing size	Carton size	Net weight	Gross weight	Quantity
2FEET	20W: 645*95*70mm	20W: 660*300*230mm	0.60Kg	0.90Kg	9pcs/Carton
4FEET	40W/50W: 1245*95*70mm	40W/50W: 1260*300*230mm	1.00Kg	1.50Kg	9pcs/Carton

### Installation requirement:

1. Cut off the power supply first before installation;
2. Thread the input cable through the waterproof joint, and then connect the input wire end with the terminal to ensure reliable contact;
3. Tighten the rotary knob holder;
4. When ceiling installation is selected, fix the ceiling holder on the installation surface through self-tapping screws and flat washers, Then clip the lamp body into the holder directly;
5. When suspension installation is selected, please fix the steel wire on the installation surface, Fix the wire fasteners on the holder with nuts, Then clip the lamp body into the holder directly, Adjust the steel wire length at last.



## Notice

1. Please read the product specification carefully first to confirm that the use environment complies with the condition on the specification before it is used;
2. Please confirm the input voltage and frequency before use;
3. The lamp must be installed by professional personnel;
4. The product with damaged power cord and casing will be regarded as disqualified products and should not be used;
5. Dangerous high voltage, Non professional personnel should not repair;
6. The damaged external soft cable or wire of the lamp should be replaced by manufacturer or service agent or personnel with similar qualification to avoid danger;
7. When connect wire of AC, the terminal shouldn't press to external skin to ensure good contact;
8. Don't allow water to enter the inside at installation;
9. The corrosion of use environment should not exceed provisions of the stipulated anti-corrosion grade in the specification, If there are special requirements, please contact our company;
10. Outdoor site application is prohibited.