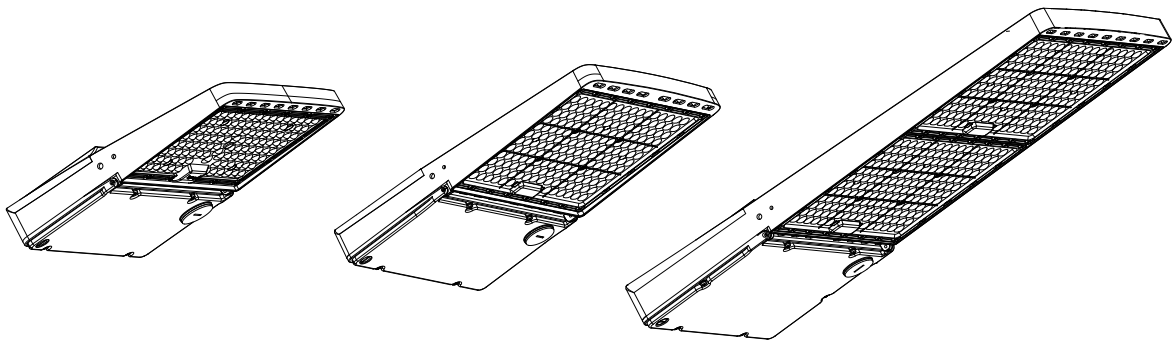
User manual of PYROS II LED Area Light



Warning

1. The luminaire shall be installed by a qualified electrician and wired in accordance with the latest IEEE electrical regulations or the national requirements.
2. Switch off main power supply before Installation, maintenance and any operation.
3. The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified persor.
4. This luminaire is Y attachment. if the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.
5. Use IP66 grade connection devices with cable clamp to ensure a complete IP66 system.
6. Refer to technical datasheet for additional electrical properties to ensure installation safely.
7. Ensure power supply cables (L-N / L-N-E) are connected correctly before switching on.
8. The insulation between LV and control circuit is basic insulation.
9. This product is not suitable for corrosive environment, such as areas less than I km from the coast, port crane, sea-crossing bridge, island.
10. The luminaire should be positioned so that prolonged staring into the luminaire at a distance closer than 21 m is not expected.
11. Earthing contact to customer end on luminaire must be connected by installer, including whole use process that the earthing contact is always reliably linked to earth ground.
12. The luminaire should avoid storage and usage in such a surroundings or an occasion that is with corrosion or hazardous gases like sulfide, halide,phthalate and so on.
13. The PC material cannot be used in such an ambience that is with ethylamine, tetra-dichloroethylene, which is corrosion or hazardous to PC material and so on.
14. All materials used in luminaire must be compliance to RoHS as below table.
15. The Luminaire should never be used in submerged wet conditions e.g, under water, soil, snow etc.
16. The wiring connection should also never be used in submerged wet conditions e.g. water, soil,snow etc. OR must use IP68 junction box.
17. The warranty is void, in case any of the instructions / guidelines are not followed as per given mounting instruction.
18. This product is not supplied with any junction box / connector.
19. This product contains a light source of energy efficiency class: see table or label.
20. For further clarification, please contact the manufacturer.

Maintenance

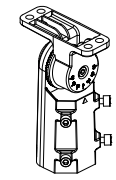
1. Periodic clearing of the luminaires' optical lens covers will ensure maximum optical efficiency.
2. Luminaire optical lens cover shall be cleaned with clean water, non-abrasive soap, cleaner and detergent solution. Acid solution or alkali solution cannot be used as a cleaning solution to wash outside surface of luminaire.

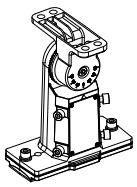
Caution

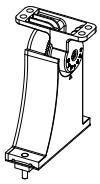
1. Luminaire must be used within the applicable product specification of installation instruction and environmental conditions for storage and operation according to application guidelines provided for valid product warranty.
2. The information presented in this document does not form part of any quotation or contract, is believed to be accurate and reliable and may be changed without notice.

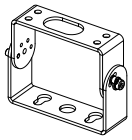
Hazardous material of content in product						
Component name	Hazardous material of content					
	Pb	Hg	Cd	Cr-VI	PBB	PBDE
PCB board	O	O	O	O	O	
Driver with all materials used	X	O	O	O	O	
PC optical diffuser	O	O	O	O	O	
Housing/other components	O	O	O	O	O	
The table is made according to SJ/TII364						
O: denotes hazardous material of content under required content of GB/T26572						
X: denotes hazardous material of content beyond required content of GB/T26572						
X: Applicable to China only						

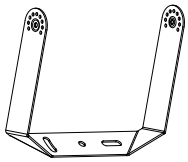
Mounting Options


Slip-fitter Bracket

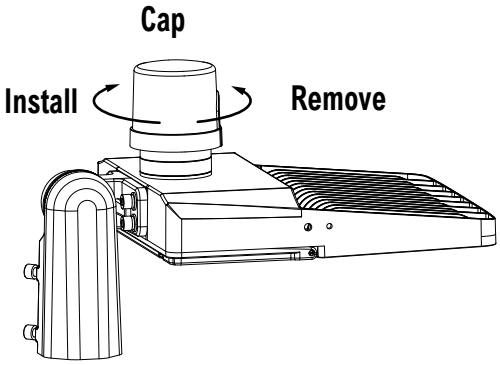

Universal Bracket


Arm mounting

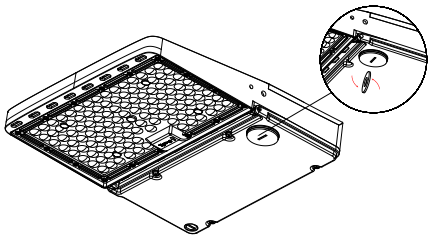

Trunnion mounting

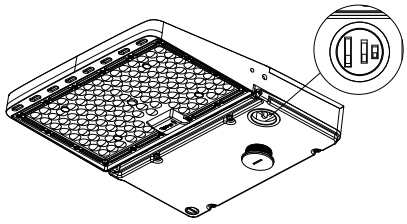

Yoke

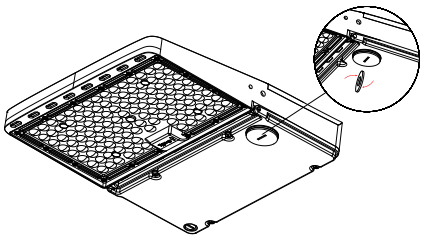
Install photo sensor optional



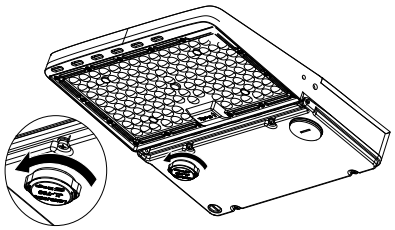
CCT and wattage

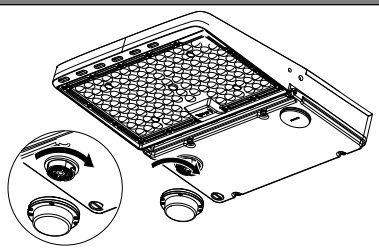

1、Use a flat gasket/screwdriver to unscrew the plastic cover.

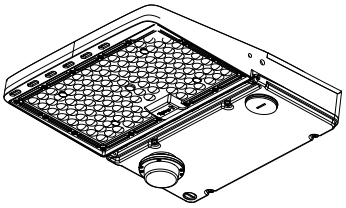

2、Use the DIP switch to select wattage and O N/OFF for the mini photocell(If have).


3、Screw the plastic cover back by flat gasket/screwdriver.

Sensor installation manual(optional)

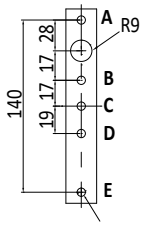

1、Unscrew the ZHAGA/ Sensor base cover.


2 Plug and twist the sensor on the base.

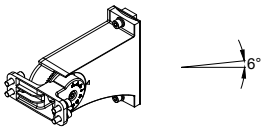

3、Installation complete.

Installation instruction Arm mounting bracket

The fixture can accommodate 4 different hole patterns.Hole A must be used then choose either hole B, C,D or E as needed.Template is not to scale. Use measurements shown below.

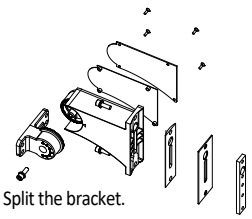


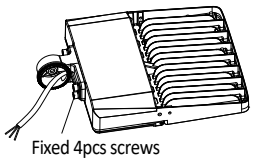
5-M8 Threaded through



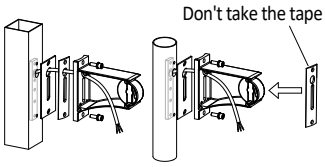
6-degree adjustment per gear

Unit:mm

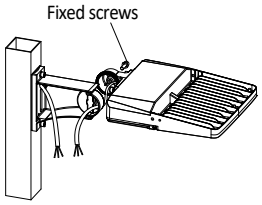

1. Split the bracket.



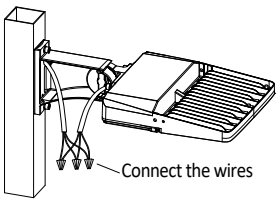
2. Insert the AC/Dim Wire from the bracket into the base and fix the 4pcs screw on the lamp body.



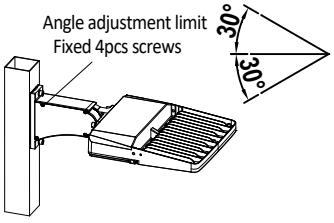
3. Fix iron and Rubber Aprons in the lamppost and lock the screws to half.



4. Insert the AC/Dim wire into the other part of the bracket, tighten the large screw.

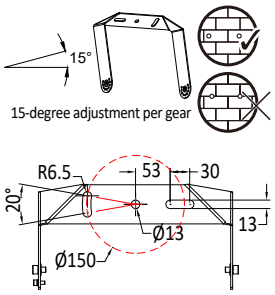


5. Make sure the wiring is correct according to the wiring diageam.
(L/N/G/ Dim+/Dim-(If have)

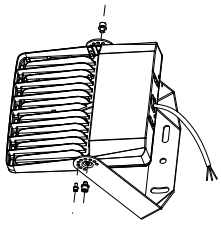


6. Put the wire into the support chamber and lock the cover. Adjust to the required angle by the large screws.

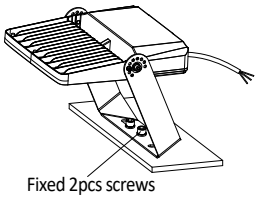
Installation instruction Yoke mounting



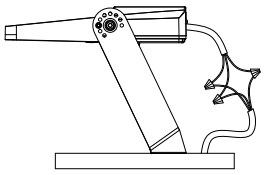
Unit:mm



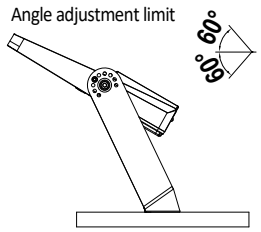
1. fix 3pcs screws on the lamp body.



2. Drill two holes and insert two Expansion bolts,and then fixed with screws.



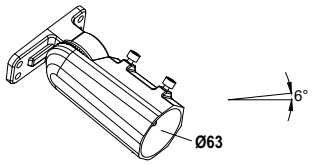
3. Make sure the wiring is correct according to the wiring diageam. (L/N/G/ Dim+/Dim-(If have)



4. Unscrew the screws to adjust desired angle if needs.

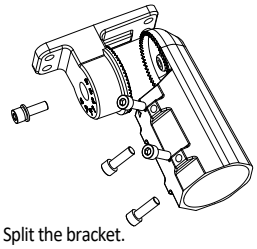
Installation instruction Slip-fitter bracket

Unit:mm

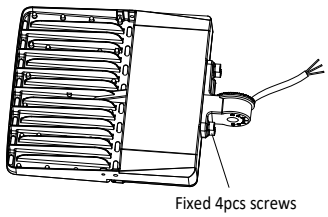


6-degree adjustment per gear

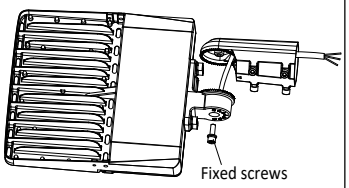
WARNING:
RISK OF SERIOUS INJURY OR DEATH!
DO NOT MOUNT THE SLIPFITTER TO A TENON OR BRACKET THAT IS MORE THAN 20 DEGREES FROM VERTICAL.MOUNTING ANY ANGLE OTHER THAN 0-20 DEGREES INCREASES THE RISK OF DISENGAGEMENT AND/OR FAILURE OF THE SLIPFITTER.INSTALL THE POLE ON A SECURE BASE OR INSTALL THE BRACKET TO A WALL FIRST.THEN PLACE LUMINAIRE ONTO THE POLE OR BRACKET. DO NOT LIFT ASSEMBLED LUMINAIRE OR POLE OR LUMINAIRE & BRACKET.LUMINAIRE OR POLE/BRACKET MAY DISENGAGE.



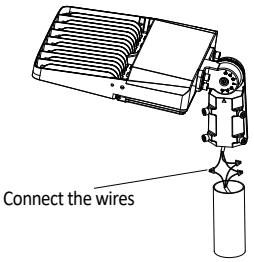
1. Split the bracket.



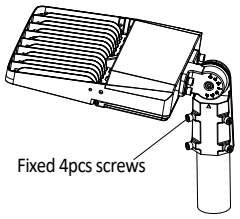
2. Insert the AC/Dim Wire from the bracket into the base and fix the 4pcs screw on the lamp body.



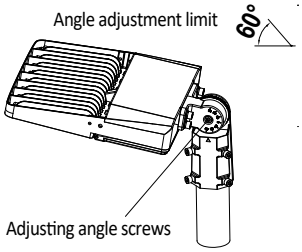
3. Insert the AC/Dim Wire into the other part of the bracket,and tighten the large screw.



4. Make sure the wiring is correct according to the wiring diageam. (L/N/G/ Dim+/Dim-(If have)

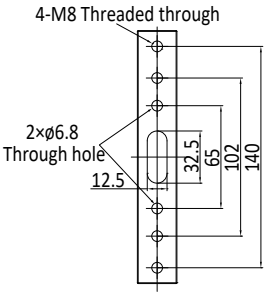


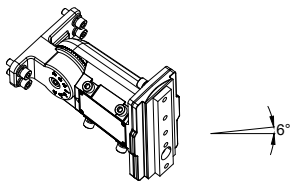
5. Install the lamp post and tighten the 4pcs M8 screw.



6. Adjust to the required angle through large screws.

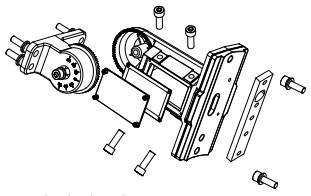
Installation instruction Unversial bracket on square/round pole



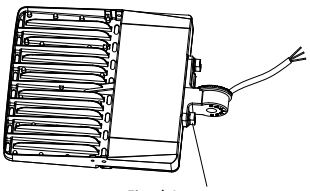


6-degree adjustment per gear

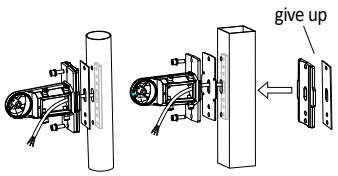
Unit:mm



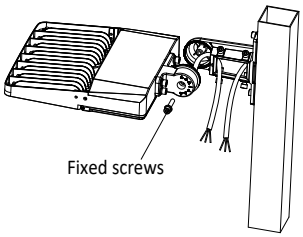
1. Split the bracket.



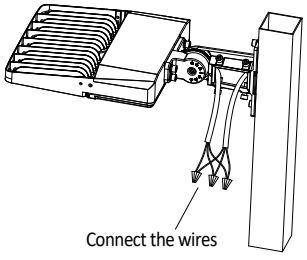
2. Insert the AC/Dim wire from the bracket into the base and fix the 4pcs screw on the lamp body.



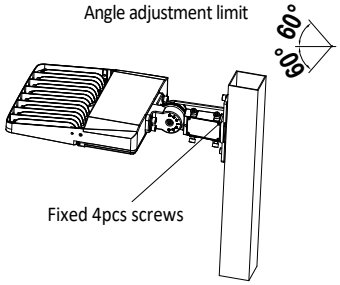
3. Fix iron and Rubber Silicones in the lamppost and lock the screws to half.



4. Insert the AC/Dim wire into the other part of the bracket, tighten the large screw.

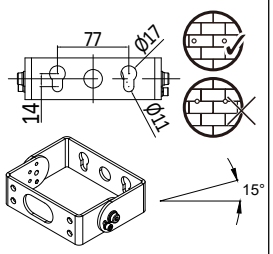


5. Make sure the wiring is correct according to the wiring diageam. (L/N/G/ Dim+/Dim-(If have)



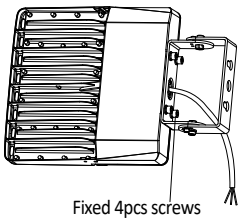
6.Put the wire into the support chamber and lock the cover.Adjust to the required angle through large screws.

Installation instruction Trunnion mounting



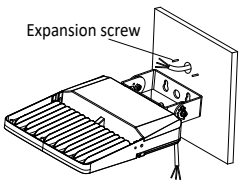
15-degree adjustment per gear

Unit:mm

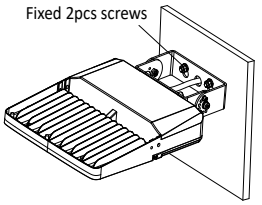


Fixed 4pcs screws

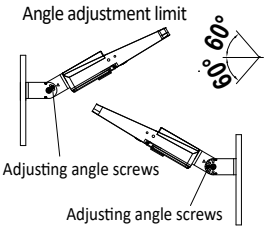
1. Insert the AC/Dim wire from the bracket into the base and fix the 4pcs screw on the lamp body.



2. Drill two holes and insert two Expansion bolt.



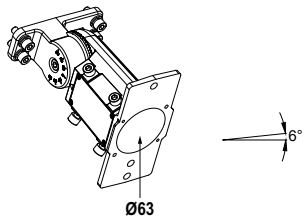
3. Fix the TR bracket on the Expansion bolt with screws.Make sure the wiring is correct according to the wiring diageam.(L/N/G/ Dim+/Dim-(If have)



4.Unscrew the screws to adjust desired angle if needs.

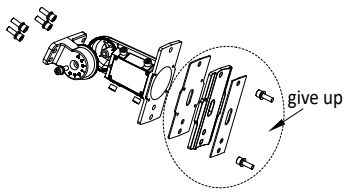
Installation instruction Unversial bracket on tennon bracket

Unit:mm

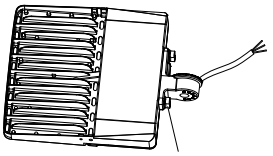


6-degree adjustment per gear

WARNING:
RISK OF SERIOUS INJURY OR DEATH!
DO NOT MOUNT THE SLIPFITTER TO A TENON OR BRACKET THAT IS MORE THAN 20 DEGREES FROM VERTICAL.MOUNTING ANY ANGLE OTHER THAN 0-20 DEGREES INCREASES THE RISK OF DISENGAGEMENT AND/OR FAILURE OF THE SLIPFITTER.INSTALL THE POLE ON A SECURE BASE OR INSTALL THE BRACKET TO A WALL FIRST.THEN PLACE LUMINAIRE ONTO THE POLE OR BRACKET. DO NOT LIFT ASSEMBLED LUMINAIRE OR POLE OR LUMINAIRE & BRACKET.LUMINAIRE OR POLE/BRACKET MAY DISENGAGE.

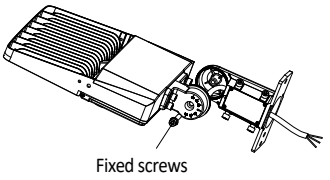


1. Split the bracket.



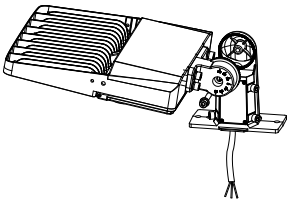
Fixed 4pcs screws

2. Insert the AC/Dim wire from the bracket into the base and fix the 4pcs screw on the lamp body.

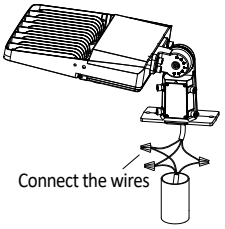


Fixed screws

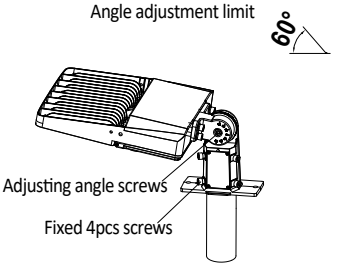
3. Insert the AC/Dim wire into the other part of the bracket, tighten the large screw.



4. Insert the AC/Dim wire into the other part of the bracket, tighten the large screw.



5. Make sure the wiring is correct according to the wiring diageam.
(L/N/G/ Dim+/Dim-(If have)



6. Install the lamp post and tighten the 4pcs M8 screw. Unscrew the screws to adjust desired angle if needs.

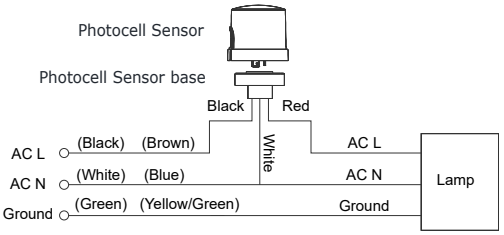
Wiring Diagram

AC cord

EU- Standard	US- Standard	label
Brown	Black	L L
Blue	White	N N
Yellow/Green	Green	⏚GND ⏚GND

0-10V dimmable

		label
Purple	DIM+	D+ D+
Pink	DIM-	D- D-
Black&White	+12V	+12V



Safety rope

Lamp must fasten individual safety cable.(Can be purchased separately as an accessory.)

