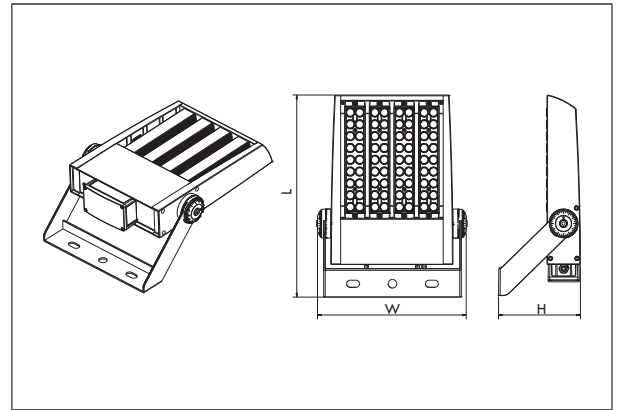


PLEASE READ THESE INSTRUCTIONS CAREFULLY BEFORE INSTALLATION

IMPORTANT INSTALLATION INFORMATION

1. Normal operating environment and temperature: -40°C - $+40^{\circ}\text{C}$.
Fixtures is suitable for Airport, Car Dealerships, Architectural, High Mast lighting and Stadium lighting applications.
2. Before commencing installation or repairs, ensure that power mains are switched off. Only registered or licensed electricians are allowed to conduct installation or repairs.
3. Light fixture should not be installed nearby or on flammable materials and must be installed away from heat sources.
4. Recommended installation height above lighted area: 0-30 meters and suitable for outdoor and indoor use.
5. All light fixtures run hot therefore the space surrounding the light fixture shall have adequate airflow spacing of at least 50cm omni-directionally from the outer case. Fire hazards and local safety ordinances shall be taken into consideration by the installer before commissioning.



Drawings herein for FLC160 are used as examples.

Installation Instruction & Installation Steps

1

STEP 1:
Remove screws from the yoke mounting bracket using a six point socket wrench. See figure 1.

2

STEP 2:
Drill holes in the mounting plane, refer to the U-bracket mounting hole size. See Figure 3.
Fix U-bracket to mounting surface using 2 pcs M16 bolts or other screws. See Figure 2.

3

Dimensions for U-bracket Mounting Hole

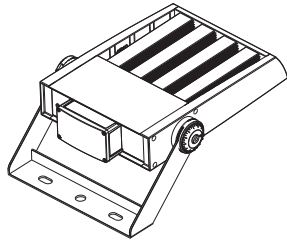
MODEL: FLC080 FLC120 FLC160 FLC200 FLC240 FLC320 FLD120 FLD180 FLD240 FLD300 FLD360 FLD480

MODEL: ABD720 ABD960

4

STEP 3:
Install the lamp body on the U-bracket and tighten with a hex wrench. See Figure 4.

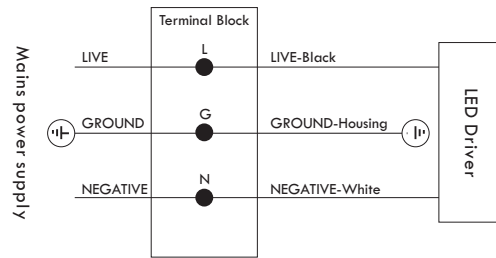
5



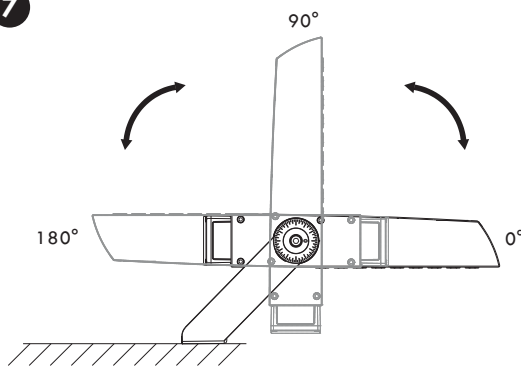
STEP 4:
Tighten the screws slightly, rotate the light body and make it easier for wiring, then connect mains power supply to light body. See Figure 5.
For more details about wiring, please refer to the wiring instruction, see figure 6.
Then adjust the light body to the desired aiming direction of light, finally use a six point socket wrench to fasten the screws tightly.

6

Electrical Connections



7



Adjustment Angle Range

WIRING INSTRUCTION

- STEP I: Connect the LIVE wire in the mains power supply cord to the "L" marked hole in the terminal block and tighten the connection properly.
- STEP II: Connect the NEGATIVE wire in the mains power supply cord to the "N" marked hole in the terminal block and tighten the connection properly.
- STEP III: Connect the GROUNDING wire in the mains power supply cord to the "G" marked hole in the terminal block and tighten the connection properly.

Common causes and solution

Encountered Problem	Possible Cause	Remedy
Module does not light up	Internal wire disconnected	Open fixture and locate loose wires, reconnect connectors or wires and close cover. And retest.
	LED driver failure	Open fixture and check for disconnected wiring. If all wires are fine, replace LED driver with new one and test.
	Module Failure	If all the above remedies are trialed then the light module has most likely failed. Contact us for replacement and warranty information.



This logo indicates that this product must not be disposed of with other waste. Please recycle used lamps to prevent environmental hazard and threats to human health resulting from improper disposal.

Rev. Date: V3 08/11/2020