

# LED FLOOD LIGHT INSTALLATION GUIDE



Lens



SMD

VOLTS	100-277V AC,50/60Hz
PROTECTION CLASS	Class I
POWER FACTOR	>0.95
OPERATING TEMP.	-25°C ~ +40°C
BEAM ANGLE	SMD (120° only) With Optic Lens (25°/45°/60°/90°/70x150°)
HOUSING	Die-casting Aluminum
HOUSING COLOR	Black
MOUNTING	U-bracket
IP RATING	IP66
IK RATING	IK08
CONNECTION METHOD	Cable 0.5m without plug
WARRANTY	5 years

Reliable grounding must be ensured to avoid the electrical shock hazard.

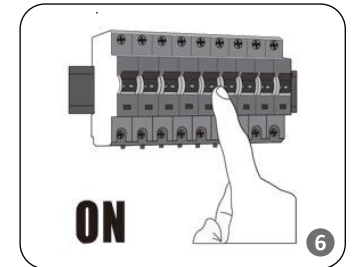
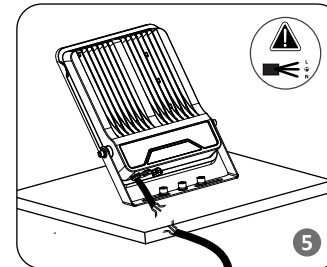
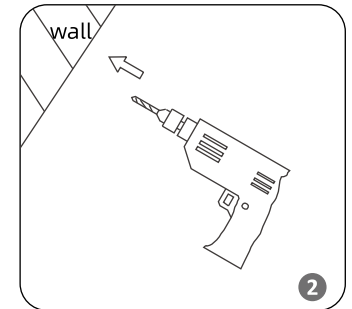
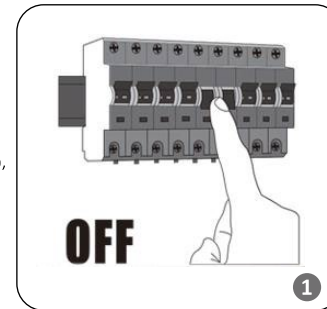
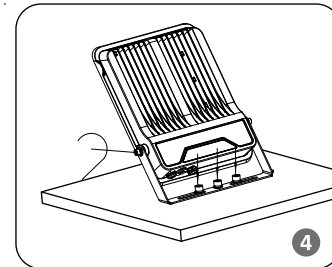
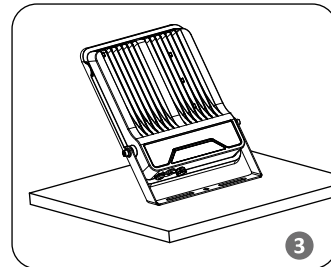
Order Reference: FL12-150 A: Without optical lens, Power & CCT non-selectable AD: Without optical lens, Power & CCT selectable  
B: With optical lens, Power non-selectable BD: With optical lens, Power selectable

Model	Wattage	Luminous Efficacy ( ±5%)	Lumen Output ( ±5%)	Fixture Dimension	Fixture Weight	Packing Type
FL12-30 <input type="checkbox"/>	30W	140lm/w	4200lm	172 x36 x198mm	0.80kg	14 units /ctn
FL12-50 <input type="checkbox"/>	50W	140lm/w	7000lm	180 x38 x224mm	0.85kg	14 units /ctn
FL12-100 <input type="checkbox"/>	100W	140lm/w	14000lm	228 x39 x276mm	1.35kg	12 units /ctn
FL12-150 <input type="checkbox"/>	150W	140lm/w	21000lm	245 x42 x314mm	1.85kg	12 units /ctn
FL12-200 <input type="checkbox"/>	200W	140lm/w	28000lm	305 x43 x384mm	2.70kg	6 units /ctn
FL12-240 <input type="checkbox"/>	240W	140lm/w	33600lm	366 x44 x457mm	3.70kg	5 units /ctn
FL12-300 <input type="checkbox"/>	300W	140lm/w	42000lm	366 x44 x457mm	3.80kg	5 units /ctn

## MOUNTING & CONNECTION INSTRUCTIONS

- STEP1: Always disconnect the power supply before installation to ensure a power-off operation.  
STEP2: Based on the hole positions of the light fixture's mounting bracket, mark the installation points on the mounting wall or surface, and use an electric drill to drill the holes.  
STEP3: Position the fixture at the prepared location.  
STEP4: Adjust the angle and position, then secure the bracket.  
Bracket Adjustment Screw : M6\*14 Hex Socket Cap Head Combination Screw(30W-150W),  
M8\*16 Hex Socket Cap Head Combination Screw(200W-300W)  
STEP5: Arrange pre-wired cables,Connect external power cables (live, neutral, ground) securely with correct polarity. Organize and fasten cables to avoid pulling or pinching.  
**(THE GROUNDING WIRE MUST BE EFFECTIVELY GROUNDED!)**  
STEP6: Connect power, turn on switch, and test fixture illumination.

**Note: The installation base must be able to support 10 times weight of the products**



## CAUTION

- Installation and maintenance must be performed by professionals only.
- Please ensure the holder is strong enough and the screws are tightened.
- The ground wire must be securely connected.
- Please make sure the lamp is working with correct input voltage.
- Cut off the power before maintenance.
- Do not use chemicals or corrosive cleaner to clean the fixture.
- If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by qualified person in order to avoid a hazard.