



INSTRUCTION MANUAL
LFW RANGE
LED FLOODLIGHT



1. INTRODUCTION

These IP65 LED floodlight provide high lumen outputs, offering an efficient replacement for traditional floodlights. It features a 4mm reinforced clear glass cover that is fully waterproof and resistant to environmental factors. The durable die-cast aluminum body is rust-resistant and designed for optimal heat dissipation, ensuring longer lifespan and better thermal performance.

Powered by high-performance SMD 2835 LEDs, the LFW range delivers natural, pure light for improved visibility. Ideal for outdoor use, these floodlights are easy to adjust, and environmentally friendly. The 360° bracket rotation feature simplifies installation, enables the floodlight to be directed in any direction, and eliminates the restriction of wall mounting. It also comes with a 30cm cable for simple installation.

2. INSTALLATION

If any damage is noticed upon removing the product from the packaging, please return it to Major Tech before attempting installation. These lights must be installed by a qualified electrician. If the light is incorrectly installed by an unqualified individual, Major Tech reserves the right to refuse the return of the product.

2.1. Installation Steps

1. Disconnect the power supply before installation.
2. Remove the bracket from the floodlight for ease of installation.
3. Drill 2 holes, place the bracket over the holes and screw into the wall (fig. 1 & 2). Please ensure Installation height is 3 - 5 Meters.
4. Reconnect the floodlight to the bracket using the same connections as provided when the light is removed from the packaging (fig. 3).
5. Connect the brown and blue wires respectively to the mains 'Live' and 'Neutral', and connect the yellow and green wire to earth (fig. 4).
6. Confirm connection once installed.



Fig. 1

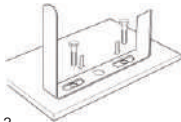


Fig. 2



Fig. 3

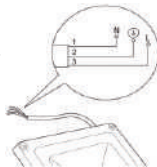


Fig. 4

3. SPECIFICATIONS

Function	Range			
Model	LFW-10NWS	LFW-20NWS	LFW-30NWS	LFW-50NWS
LED Power	10W	20W	30W	50W
LED Lumen	900Lm	1800Lm	2700Lm	4500Lm
Dimensions	150x148x26mm	223x212x36mm	223x212x36mm	295x270x48mm
Weight	380g	1Kg	1.1Kg	1.96Kg
Installation Height	3 to 5m		5 to 8m	
LED Type	SMD 2835			
Colour				
Temperature	4000K - Natural White			
Rated Life	30 000 Hours			
Voltage	200 - 240V AC			
Frequency	50/60Hz			
Power Factor	>0.9			
CRI	>70			
Beam Angle	120°			
IP Rating	IP65			
Cable Length	30cm			
Temperatures				
Working	-20°C to 45°C			
Storage	-20°C to 45°C			

4. MAINTENANCE

- Make sure the power is off before doing any maintenance work.
- Clean glass regularly to keep the light output at its best.
- Use a dry cloth to wipe down housing and keep clean.



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