



INSTRUCTION MANUAL

ELF20CW

20W LED FLOODLIGHT



1. INTRODUCTION

This 20W IP65 LED floodlight provides 1500 lumens, offering an efficient replacement for traditional floodlights. It features a 4mm strengthened clear glass cover that is waterproof and resistant to environmental factors. The durable die-cast aluminum body is rust-resistant and designed for optimal heat dissipation, ensuring a longer lifespan and better thermal performance.

Powered by SMD 2835 LEDs, the ELF20CW delivers cool, pure light for improved visibility. Ideal for outdoor use, it is cost-efficient, easy to adjust, and environmentally friendly. The adjustable bracket allows you to aim the light at different angles, making it perfect for gardens or swimming pool areas. 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

2.1.1. Disconnect the power supply before installation.

2.1.2. Remove the bracket from the floodlight for ease of installation.

2.1.3. Using the bracket as a template, mark the position of the mounting holes, then remove the bracket and drill the holes (Fig.1). Place the bracket over the holes and screw into the wall (Fig. 2). Please ensure Installation height is 3 - 5 Meters.

2.1.4. Reconnect the floodlight to the bracket using the same connections as provided when the light is removed from the packaging (Fig. 3).

2.1.5. Connect the brown and blue wires respectively to the mains 'Live' and 'Neutral', and connect the yellow and green wire to earth (Fig. 4).

2.1.6. Confirm connection once installed.



Fig. 1

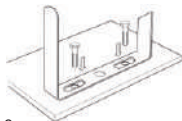


Fig. 2



Fig. 3

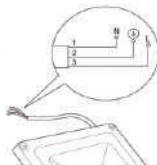


Fig. 4

3. SPECIFICATIONS

Function	Range
LED Power	20W
LED Type	SMD 2835
LED Lumen	1500Lm
Colour Temperature	6000K - Cool White
Rated Life	15 000 Hours
Voltage	220 - 240V AC
Frequency	50/60Hz
Power Factor	>0.9
CRI	>70
Beam Angle	120°
IP Rating	IP65
Cable Length	30cm
Installation Height	3 to 5m
Working Temperature	-20°C to 45°C
Storage Temperature	-20°C to 45°C
Dimensions	200 x 155 x 50mm
Weight	500g

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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