



**INSTRUCTION MANUAL**  
**SL90B & SL90W**  
**20W Twin Head Floodlight**



**IP65 Outdoor Installation**

### 1. INTRODUCTION

The SL90 is a modern, high-quality twin head floodlight. Powered by advanced 20W high-lumen COB LED technology, it delivers a powerful and efficient lighting solution suitable for both residential and commercial use. Housed in a sleek black IP65 rated casing, the SL90 combines style with durability. The light heads are constructed from premium quality polycarbonate and reinforced with robust aluminium tubing, ensuring excellent heat dissipation and uniform light distribution, ideal for areas requiring dependable illumination and enhanced safety.

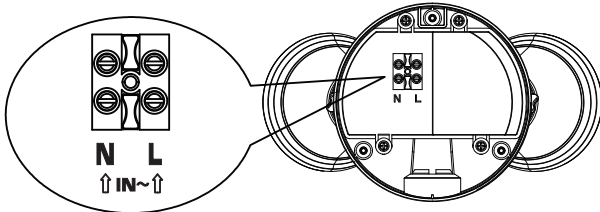
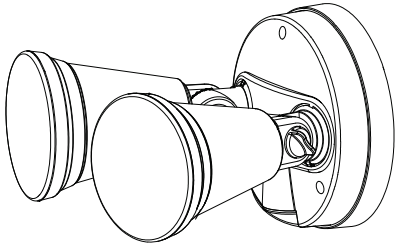
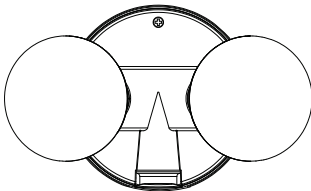
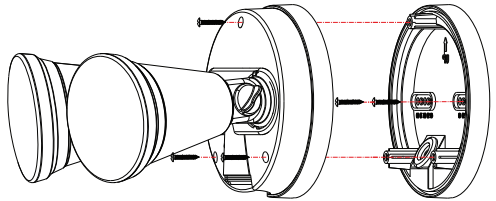
### 2. SPECIFICATIONS

| Function          | Range                        |
|-------------------|------------------------------|
| Voltage           | 220 - 240V AC                |
| Power Frequency   | 50/60 Hz                     |
| Power             | 20 Watt COB LED              |
| LED Colour (CCT)  | 5000k                        |
| Lumen             | 2400 Lumen                   |
| Light Swivel Head | 90° (L to R), 170° (Up/Down) |
| Mounting          | Wall and Ceiling Mountable   |

| Function            | Range                                                         |
|---------------------|---------------------------------------------------------------|
| Working Temperature | -20°C to 40°C                                                 |
| Working Humidity    | <93% RH                                                       |
| Power Consumption   | Approx. 0.5W                                                  |
| Installation Height | 1.8 - 2.5m                                                    |
| IP Protection       | IP65 Outdoor                                                  |
| Warranty            | 5 years                                                       |
| Standards           | IEC 60669-1, IEC 6099-2-1<br>AS/NZS 60669.1, AS/NZS 60669.2.1 |

### 3. INSTALLATION & WIRING INFORMATION

- Unscrew and remove fixing bracket from base of the light.
- Insert the power cable through the rubber seal and the slot provided.
- Connect the power cable into the terminal block as per the wiring diagram.
- Identify the ideal field of view and use fixing bracket mounting holes to ensure correct alignment for motion sensor.
- Drill holes and screw the fixing bracket to the marked location.
- Reconnect the light to the fixing bracket and fasten the screws.
- Once installation is complete, swivel the light heads to point in the intended direction, secure it, and turn on the power to test.



#### WARNING: Danger of Death Through Electrical Shock



- Must be installed by professional electrician.
- Disconnect power source.
- Cover or shield any adjacent live components.



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