

Single Colour & RGB LED Flood Light User Manual

Specification

Dimensions: 10w = 11.3 x 8.5 x 13cm (Inc bracket)

50w = 29 x 24 x 18cm (Inc Bracket)

Weight: 10w = 1kg, 50w = 6kg

Input Power: 120v/240v AC, 50/60 Hz

Power Consumption: 10w (Single colour & RGB) 50w (Single colour) & 54w (RGB)

LEDs: 1 x 10w (Single colour & RGB). 1 x 50w LED, 1 x 54w LED (RGB)

Beam Angle: 110 deg.

RGB receiver (Colour Changing RGB I/R Version Only)

Features

High intensity long lasting LED's

Wide Beam Angle

Infra-Red Remote control (Colour Changing RGB IR Version Only)

Remote Dimming (Colour Changing RGB IR Version Only)

Silent Operation

UV Safe

Virtually no Heat Produced

Low Power Consumption

IP65 Rated for Outdoor or Indoor Use

Adjustable Mounting Bracket

Direct replacement for existing floodlighting

Unpacking

Thank you for choosing the LED Technologies High Power LED Floodlight, the box should contain:

Single Colour Unit: 1 x LED Floodlight with attached power cord.

RGB IR Colour Changing Unit: 1 x LED Floodlight and 1 x hand held infra-red remote control transmitter (C/W with battery installed)

Discard any packaging responsibly in accordance with local authority guidelines.

Installation

The LED Technologies Floodlight range is designed to operate from 110v to 240v mains electricity supply and is fitted with a 1m power lead which should be wired into an IP65 rated junction box. Please ensure that these units are correctly earthed.

Important Note: The RGB I/R Colour Changing unit must be mounted so that the infra-red sensor is in clear line of sight and no more than 10m away from the control point.

The 10w LED Flood Light is designed to replace standard feature lighting to highlight trees and shrubs and other outdoor / indoor features where a subtle but bright and effective wash of light is required.

The 50w unit is designed to replace building or garden lighting where a wide angle and very powerful wash is required.

The LED Flood Light range can be mounted on most firm surfaces at any angle to suit the installation as negligible heat is emitted from the unit.

White or Single Colour Floodlights

Install the floodlight as detailed above and position as required then apply power.

Infra-Red RGB Colour Changing Floodlights

Install as detailed above taking care to mount the unit so that the Infra-red receiver is in direct line of sight and not more than 10m from the control point.

The IR sensor is located on a short flying lead by the power input lead on the 10w units and inside a small white dome next to the power input lead on the 50w units.

I/R Remote Controller Operation (RGB I/R Units Only)

The hand held IR transmitter should be aimed directly towards the IR sensor when operating the units. The range of the Infra-red beam is approximately 10m.

Control Options

Before use, pull out the plastic strip from the battery compartment to activate the battery. The remote controller will work with both the 10w & 50w units.

- The floodlights can be powered on and off using the remote controller
- 16 x Pre-set colours (including white) can be selected by pressing the coloured buttons corresponding to the colour required.
- The brightness can be adjusted by pressing the up and down brightness buttons.
- Four pre-selected programs are available, press the appropriate button for the effects as detailed. **Note:** There is no speed adjustment on the programs and dimming of the LED is not available when in program mode.
 1. Flash: The floodlight will chase slowly through seven colours.
 2. Strobe: The floodlight will slowly pulse white.
 3. Fade: The floodlight will slowly fade through the colours.
 4. Smooth: The floodlight will chase slowly through Red Green and Blue.

Note: If the range of the remote controller is diminished please check and clean the IR sensor on the Floodlight, if this does not make any difference, press the release clip on the base of remote control unit and slide out the battery tray. Replace the battery with a new one taking care to observe the polarity of the battery.

Replacement battery type is: CR2025.

Disposal

Please dispose of the old battery responsibly and do not allow children to play with batteries. If swallowed seek immediate medical attention.

Important Note: The LED Flood Lights are factory sealed units and as such are not designed to be opened as they do not contain any user replaceable components.

Any attempt to open the units will void the warranty.