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## LED SERIES

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### SPECTACOLOUR FLOOD RGB

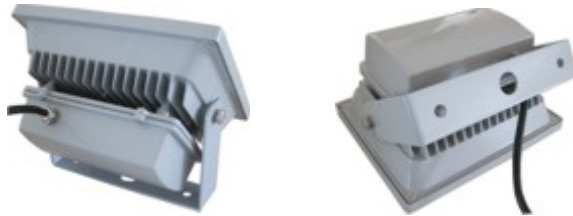
Aptly named, the SPECTACOLOUR FLOOD RGB is a high output LED lighting fixture range designed for floodlighting both indoors and outdoors. Thanks to its 120° beam distribution, the SPECTACOLOUR FLOOD RGB is able to illuminate large area at short distances. The range offers RGB color changing using COB (Chip On Board) 3 in 1 technology. The SPECTACOLOUR FLOOD RGB is perfectly suitable for dynamic up-lighting, floodlighting, and decorative lighting applications. It accepts a universal power input range of 85 to 265 VAC allowing long fixture runs and consistent installation in any location around the world. There are 2 control versions: IR (standard) and DMX (available mid 2012).

### SPECTACOLOUR FLOOD RGB 10-120



## Features and Benefits

- Comparing with traditional HPS or Mercury flood lights, our LED flood lights save 50% - 70% electricity cost.
- Comparing with halogen lamps, it saves over 80% electricity cost.
- Lifespan is 3 - 5 times than lifespan of HPS, metal halide and halogen floodlight.
- No maintenance cost
- Eco-friendly - no UV, IR, lead, mercury or air pollution.
- Replaces 30w - 70w metal halide, HPS and mercury fixtures
- Professional optical design coordinates efficient optical level lens
- Floodlighting to meet various projection applications
- RGB color changing that can mix to create many colors
- High-performance LED chips of international first-class brands
- Efficient heat dissipation design ensures long service life of lamp and other components
- Square, modern, eye pleasing design
- Compact and lightweight



## Specifications

Models: SP-RGB10-IR

SP-RGB10-DMX

Light Source: 10w Bridgelux LEDs, 3 in 1 chip

Color Mixing: RGB

Voltage Input: AC85~265V, 50/60Hz

Operating Voltage: DC 24V

Power Factor: (PF): >0.95

Fixture Efficiency: >95%

Lumens: 600-700

Wavelength: R:620-630nm; G 520-530nm; B 465-470 nm

Driving Electronics: 700mA constant current driver

Maximum Power Consumption: 12w

Beam Angle: 120°

Control: 24 Key IR Controller or DMX

Projecting Distance: 3-5M (10 -16 ft)

Changing Effect: chasing, flowing, 256 grade brightness, RGB full color, single color

Protection Rating: IP65

Housing: Die-cast aluminum structure, Tempered glass cover, Polyester painted surface

Finish: Black, silver or grey (other colors are available at extra cost)

Working Temperature: -30°C~+55°C (-31°F ~+131°F)

Life span: ≥50,000 hours

Mounting: Universal with an adjustable mounting bracket

Tilt: 180°

Dimensions: 116 x 89 x 110 mm (4.57" x 3.5" x 4.33")

Weight: 0.700 kgs (1.54 lbs)

Certifications: CE, RoHS

**DUE TO CONTINUOUS IMPROVEMENTS, SPECIFICATIONS MAY CHANGE WITHOUT PRIOR NOTICE.**

## **SPECTACOLOUR FLOOD RGB 30-120**



## Features and Benefits

- Comparing with traditional HPS or Mercury flood lights, our LED flood lights save 50% - 70% electricity cost.
- Comparing with halogen lamps, it saves over 80% electricity cost.
- Lifespan is 3 - 5 times than lifespan of HPS, metal halide and halogen floodlight.
- No maintain cost.
- Eco-friendly - no UV, IR, lead, mercury or air pollution.
- Replaces 70w -100w metal halide, HPS and mercury fixtures
- Professional optical design coordinates efficient optical level lens
- Floodlighting to meet various projection applications
- RGB color changing that can mix to create many colors
- High-performance LED chips of international first-class brands
- Efficient heat dissipation design ensures long service life of lamp and other components
- Square, modern, eye pleasing design
- Compact and lightweight





## Specifications

Models: SP-RGB30-IR

SP-RGB30-DMX

Light Source: 30w Bridgelux LEDs, 3 in 1 chip

Color Mixing: RGB

Voltage Input: AC85~265V, 50/60Hz

Operating Voltage: DC 24V

Power Factor: (PF): >0.95

Fixture Efficiency: >95%

Lumens: 1500-2000

Wavelength: R:620-630nm; G 520-530nm; B 465-470 nm

Driving Electronics: 700mA constant current driver

Maximum Power Consumption: 32w

Beam Angle: 120°

Control: 24 Key IR Controller or DMX

Projecting Distance: 3-5M (10 -16 ft)

Changing Effect: chasing, flowing, brightness, strobe, fade, RGB full color

Protection Rating: IP65

Housing: Die-cast aluminum structure, Tempered glass cover, Polyester painted surface

Finish: Black, silver or grey (other colors are available at extra cost)

Working Temperature: -30°C~+55°C (-31°F ~+131°F)

Life span: ≥50,000 hours

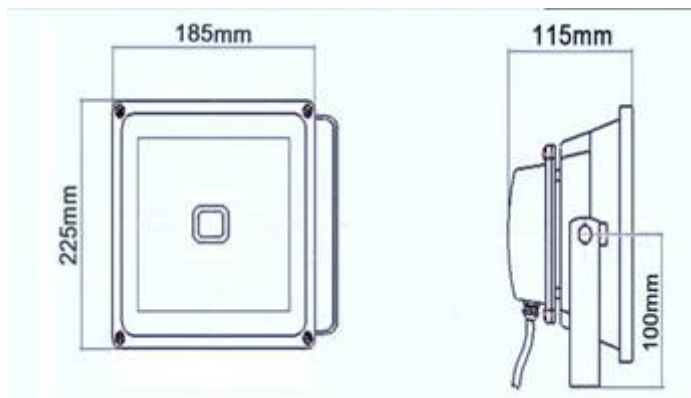
Mounting: Universal with an adjustable mounting bracket

Tilt: 180°

Dimensions: 225 x 185 x 115 mm (8.86" x 7.28" x 4.53")

Weight: 2.100 kgs (4.62 lbs)

Certifications: CE, RoHS



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## **24 KEY IR CONTROLLER**

LED control unit allows you to create effects that are limited only by your imagination. It's designed to work with up to 10 meters from the fixture.

### **Features**

Connection mode: Common Anode(+)

Input: 12V

Output: 12V

Output current: <2A each color

Output: Three CMOS drain-open output

Working Temperature: -20° C-60° C

Storage Temperature: -20° C-95° C

Mode & Pattern:

16 colors, 5 light pattern: Static/Flash/Strobe/Fade-change/RGB Smooth-change

16-classes Static Mode Dim Control

16-Speeds Control in Flash / Strobe / Fade-change / RGB Smooth-change  
 Control box dimension: 50mm x 34mm x 22mm  
 Remote controller battery: 1 x CR2025 (included)  
 Control range: 10 meters



This simple to used 24-key RF RGB controller is used to control our RGB flexible LED strips. It has 16 Static colors and 4 color changing modes. It also could adjust the brightness of the static color and change the speed of the color changing. Adopts IR remote to control the fixture, which has 24 buttons, the function of each button is as the table below:

Brightness+ ( 8 in all )	Brightness- ( 8 in all )	Off	On
Static red	Static green	Static blue	Static white
Static orange	Static pea green	Static dark blue	7 color change Adjustable Speed
Static dark yellow	Static cyan	Static brown	All fade out & fade in Adjustable Speed
Static yellow	Static light blue	Static pink	7 color fade change Adjustable Speed
Static straw yellow	Static sky blue	Static purple	3 basis color change Adjustable Speed

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