

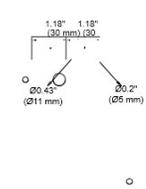
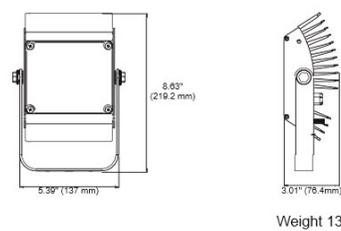
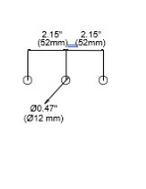
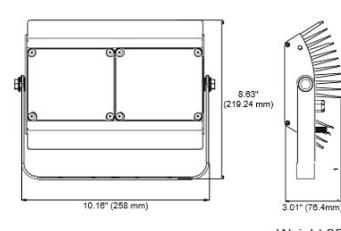
FLOOD LIGHT SERIES – RGBW

FL Series offers high lumen output while reducing energy consumption. Our selection of flood lights are ideal for landscape lighting, small driveways as well as other indoor and outdoor applications.



DESCRIPTION

- The RGBW 4 color process delivers smooth and saturated color renderings for all applications.
- A light, compact and heat dissipating aluminum extrusion design.
- High Quality waterproof design and construction.
- Condensation valve regulates internal housing temperature.
- Modular LED board design offers quick and easy maintenance
- Top cover manufactured with superior plastics preventing yellowing and brittleness over time.

Model	Installation	Dimensions
FL1 50W		 <p>Weight 1300 g</p>
FL2 100W		 <p>Weight 2500 g</p>

FL1 SERIES

MODEL CODES	DESCRIPTION
FL1-RGB60K-30D	Floodlight 24V, 50W, RGB 6000K, 30D, IP67
FL1-RGB60K-50D	Floodlight 24V, 50W, RGB 6000K, 50D, IP67
FL1-RGB60K-70D	Floodlight 24V, 50W, RGB 6000K, 70D, IP67



FL2 SERIES

MODEL CODES	DESCRIPTION
FL2-RGB60K-30D	Floodlight 24V, 100W, RGB 6000K, 30D, IP67
FL2-RGB60K-50D	Floodlight 24V, 100W, RGB 6000K, 50D, IP67
FL2-RGB60K-70D	Floodlight 24V, 100W, RGB 6000K, 70D, IP67





FEATURES

SPECIFICATIONS								
MODEL	Power Consumption	Power Requirement	Color Temp	Total Lumens (Lm)	Efficiency (Lm/W)	LEDS	IP Rating	Beam Angle
FL1	50W	24VDC 2.1A	R:620nm G:520nm B:460nm NW:6000K	R:350 G:580 B:160 NW:850 ALL:1840	36.8Lm	5050 LED RGBW in 1 x 6LED	IP67	30° 50° 70°
FL2	100W	24VDC 4.1A	R:620nm G:520nm B:460nm NW:6000K	R:700 G:1160 B:320 NW:1700 ALL:3680	36.8Lm			

Fixture Warranty: 3 Years

*Installation and usage of this product outside of normal operation conditions and installation guide lines void warranty.

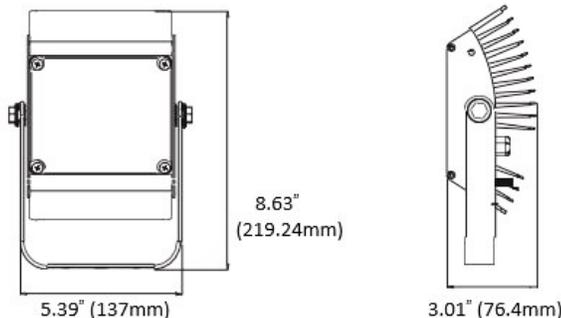
DECODER	
Compatible Decoder	SR-2108A-M5-5
Power Supply	HLG-320H-24-A
DMX Cable Connector	22AWG x 2C, Cable end with bare wire
Exit Cable Length	2M
ENVIRONMENT	
Temperature	-10°C ~ 40°C
HOUSING	
Color	Black
Lens	Optical Grade PMMA
Material	Premium Grade Aluminum, Weatherproof PC (UV-resistant)
Accessories	Hanging bracket

Remark:

Based on LED manufacturers testing, MTBF (mean time between failure) under normal operating conditions is set at 100,000 hours. Normal operating conditions include but are not limited to: ambient temperature range of -4 to 104 degrees F (-20 to 40 degrees C) humidity range of 0-95% non-condensing, adequate ventilation and air flow.

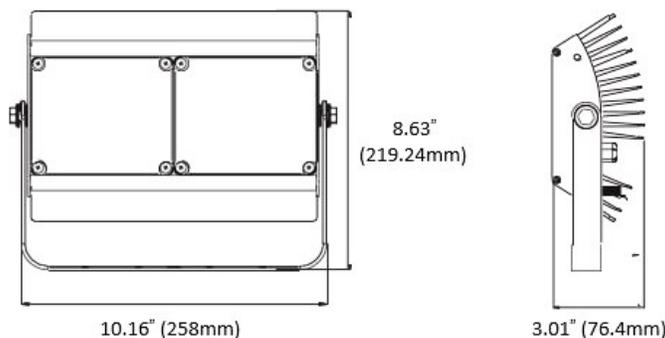
DIMENSIONS

FL1 50W



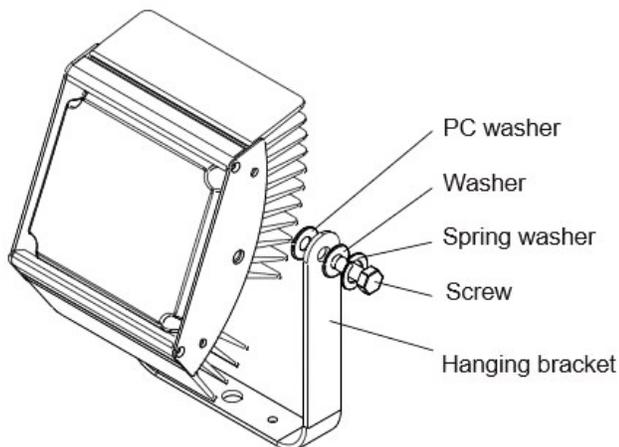
Weight: 1300 g

FL2 100W



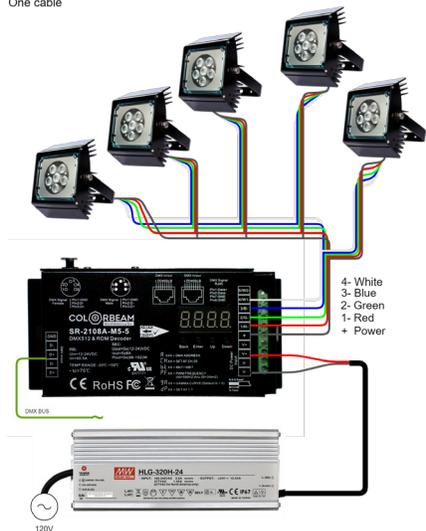
Weight: 2500 g

INSTALLATION



WIRING CONFIGURATION

Five FL-1, RGBW, 50W each
One cable



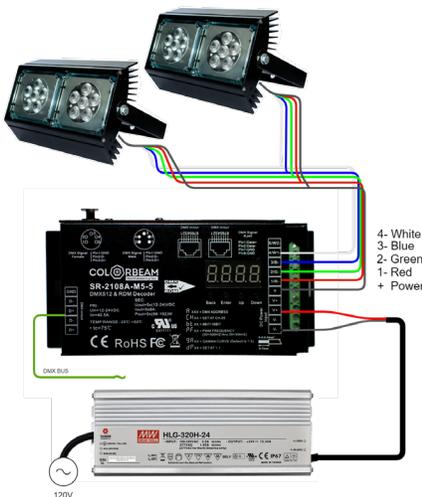
SR-2108A-M5-5 Decoder Setting for RGBW luminaires: CH 04
DP 5.4

Use speaker cables with 5 conductors

Connect in Parallel: Power wire on pin +
Red wire on pin 1-, Green wire on pin 2-,
Blue wire on pin 3-, White wire on pin 4-

No more than five FL-1 RGBW for a 320W Mean-Well power supply
(80% power consumption recommended)

Two FL-2, RGBW, 100W each
One cable



SR-2108A-M5-5 Decoder Setting for RGBW luminaires: CH 04
DP 5.4

Use speaker cables with 5 conductors

Connect in Parallel: Power wire on pin +
Red wire on pin 1-, Green wire on pin 2-,
Blue wire on pin 3-, White wire on pin 4-

No more than two FL-2 RGBW for a 320W Mean-Well power supply
(80% power consumption recommended)

OPERATING SAFEGUARDS

1. These are powerful light fixtures. Do not look directly at the light for any extended period of time. Do not shine the light in other people's direction.
2. Contact an authorized Colorbeam Lighting dealer for warranty and maintenance issues.
3. Do not cover the light fixture with other objects
4. Do not expose light fixtures to open flames or external heat sources
5. Use under normal heat and humidity operating ranges as indicated in section "Specifications"

INSTALLATION WARNINGS

1. Do not install any lights that appear to have been damaged during shipping.
2. This product should be installed by a qualified Colorbeam Lighting certified dealer.
3. Do not install the light fixture less than 20cm away from any flammable material.
4. Install lights in a well ventilated area. Do not install light fixture surrounded by any insulation materials.
5. Use only specified Colorbeam Lighting drivers to power the light fixtures.

