# coloronix®
## COLORFUL ARCHITECTURAL ILLUMINATION

RGBW.COM

## SS2-RGBW-120R
120W 400 MAX. LUMEN
RGBW ROUND SPOT / FLOOD LIGHT
DOWNLIGHT OR ADJUSTABLE

CATALOG NO. ...........................................................

TYPE ...........................................................

PROJECT ...........................................................

## APPLICATION

For the use of direct flood and/or accent lighting. Perfect for applications desiring a dynamic color changing effect. Recommended for retail, modern residential, hospitality and entertainment installations. RGBW design allows fine-tuned pastel colors, saturated hues without sacrificing illumination brightness. Can be Pendant Ceiling Mounted or Yoke Mounted for Ceiling or Above Grade.

## ELECTRICAL

**Power Input:**
Direct 120V-240V AC input comes standard. 50/60 Hz.

**Power Input:**
Proprietary 3-pin watertight connectors pre-installed for easy daisy-chain connections up to 2.5 feet on center (6 units max) Direct Line Voltage hard-wire if needed.

**Power Consumption:**
120W (8W Standby)

## PHYSICAL

**Environment:**
Wet location IP66.

**Data Connection:**
Proprietary miniature 3-pin watertight DMX connection for easy daisy-chain connections up to 2.5 feet on center (32 links max).

**Environment:**
Made of die-cast aluminum to protect light emiting diodes, other electronics and preserve optical alignment. Integral junction box provides easy access for electrical maintenance. Steel screws installed on face plate for a tight gap-free installation onto housing.

**Housing Finish:**
Painted black to maximize color mixing and eliminate stray light leaks.

**L70 Life:**
35,000 hours for ambient temperatures under 100°F.
**Temperature Rating:**
-4°F - 113°F Ambient

## COLOR DETAILS

**Direct DMX Color Control:**
Color controlled with USITT DMX512A Standard Protocol to work with Coloronix or 3rd Party DMX Systems such as the Color Kinetics® iPlayer 3. On board LCD display inside the Data Enabler allow selecting of DMX addresses between 1-512 in a given DMX universe. DMX Data fed to housing via proprietary 3-wire data cable. Data Input/Output ports allow daisy-chaining of DMX Signal..

**LED Die Colors:**
Red (620-635nm)          Blue (450-465nm)
Green (520-535nm)     Neutral White (4000K)

**Static Color Available:**
All standard colors. Consult factory.

**Stand Alone Color Control:**
Pre-Programmed static and dynamic scenes, as well as specific colors, can be user activated by the integral Data Enabler's computer eliminating the need for an external data source. On board LCD display inside the Data Enabler allow selecting of over 30 static and dynamic color sequences.

**Color Mixing:**
Using InternaMix™ proprietary technology, colors are efficiently blended together through an internal mixing chamber. The one-color output reduces unsightly views of isolated Red, Green and Blue Diodes for a seamless rainbow-free appearance.

**Dimming:**
Smooth and flicker-free dimming of all colors down to 1% using Patented Color Mixing and Dimming technologies developed at Philips Color Kinetics®

## SAFETY

ETL listed complies to UL 1598 and ANSI/UL 8750. Wet location rated. IP66 protection.

with PCL-DL adapter

## FOOTCANDLE CALCULATION: SS2-RGBW-120R-B35

| Height | Beam Diameter | Footcandle (FC) |
|--------|---------------|-----------------|
| 11' | 5.2' | 32.1 |
| 12' | 9.8' | 27.0 |
| 15' | 13.0' | 17.3 |
| 18' | 16.3' | 12.0 |
| 20' | 13.0' | 9.7 |

## ORDERING

▶ example: **SS2-RGBW-120R-B45/SWR-PWR-WL-80**

| HOUSING | BEAM SPREAD | ACCESSORIES | |
|---------|-------------|-------------|---|
| **SS2-RGBW-120R** | **-B35** : Flood | **/SWR-PWR-WL-80** | : 80" Power Jumper |
| | | **/SWR-PWR-WL-60-PI** | : 60" Plug-in Cord |
| | | **/SWR-DMX-WL-80** | : 80" DMX/Data Jumper |
| | | **/SWR-DMX-WL-300** | : 300" (25') Data Cable Interconnect |
| | | **/PCL-DL** | : Downlight Pendant Adapter |