

APPLICATION

For the use of direct flood and/or accent lighting. To install as an above grade fixture. 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.

ELECTRICAL

Power Input:

Direct 120V-240V AC input comes standard. 50/60 Hz.

Power Consumption:

See ordering guide below.

Power Input:

Proprietary 3-pin watertight connectors pre-installed for easy daisy-chain connections up to 2.5 feet on center (9 units max) Direct Line Voltage hard-wire if needed.

PHYSICAL

Environment:

Wet location IP65.

Environment:

Made of die-cast aluminum to protect light emitting 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. Cast aluminum tightening allows for 90° Tilt and 360° Rotation.

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:

14°F - 104°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:

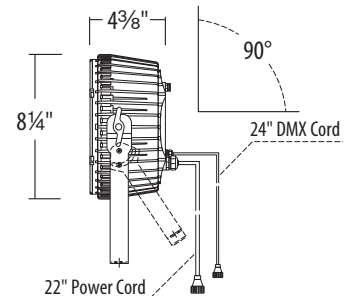
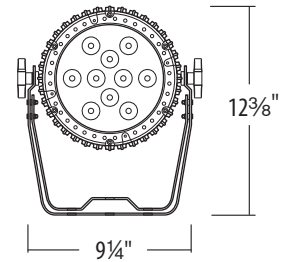
Pre-Programmed static and dynamic scenes, as well as specific colors, can be user activated by the integral Data Enabler's computer eliminating the need for an external data source. On board LCD display inside the Data Enabler allow selecting of over 30 static and dynamic color sequences.

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®



FOOTCANDLE CALCULATION: SS2-RGBW-8R-10-B25

Height	FC	Ø@50% of beam	Ø@90% of beam
10'	99	16'	33'
11'	73	18'	35'
12'	63	20'	40'
15'	40	25'	50'
18'	28	30'	60'

SAFETY

ETL listed complies to UL 1598 and ANSI/UL 8750. Wet location rated. IP65 protection.

ORDERING

example: **SS2-RGBW-8R-10-B45 / SWR-PWR-WL-80**

HOUSING	BEAM SPREAD	ACCESSORIES
SS2-RGBW-8R-10	-B25 : Narrow Flood -B45 : 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