

### APPLICATION

For the use of linear 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.

### ELECTRICAL

**Power Input:** Direct 120~240 VAC input comes standard. 50/60 Hz

**Power Input Connection:** Proprietary 3-pin watertight connectors pre-installed for easy daisy-chain connections up to 4 feet on center (4 units max) Direct Line Voltage hard-wire if needed.

**Power Consumption:** 0-105W (30W per foot)

### PHYSICAL

**Environment:** Wet location IP65

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

**Construction:** Made of extruded 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 tightenging allows for 90° Tilt.

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

**L70 Life:** 50,000 Hours for ambient temperatures under 100°F.

**Temperature Rating:** 14°F - 104°F Ambient.

### COLOR DETAILS

**DirectDMX 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.

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

**Static Color Available:** All Std. Colors, Consult Factory.

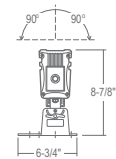
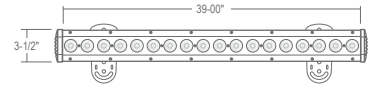
**LED Die Colors:**  
 Red (620-635nm)    Blue (450-465nm)  
 Green (520-535nm)    Neutral White (5000k)

**Stand Alone 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.

#### FOOTCANDLE CALCULATION: SS2-RGBW-18L-18-B15

Height	FC	Ø@50% of beam	Ø@90% of beam
18'	210	28'	50'
20'	168	30'	55'
24'	118	35'	67'
28'	86	42'	78'
30'	76	50'	85'
35'	56	53'	98'



#### 0° TILT, 4' OFFSET

		DISTANCE	
1.2	2.8	1.2	100
1.5	5.6	1.5	90
2.0	4.6	2.0	80
2.6	5.8	2.6	70
3.5	7.6	3.5	60
4.7	10.2	4.7	50
6.5	13.4	6.5	40
8.5	17.2	8.5	30
7.9	16.0	7.9	20
4.3	8.2	4.3	10
3.5'		3.5'	

#### 20° TILT, 15' OFFSET

		DISTANCE	
11.1	22.4	11.1	50
13.6	27.2	13.6	40
7.6	15.2	7.6	30
1.5	3.0	1.5	20
1.3	2.6	1.3	10
6'		6'	

### SAFETY

Complies to UL1598 and ANSI/UL 8750.

### ORDERING

example:  
**SS2-RGBW-18L-18-B15/SWR-PWR-WL-80**

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HOUSING	BEAM SPREAD	ACCESSORIES
<b>SS2-RGBW-18L-18</b>	<b>-B15:</b> 15° x 15°	/ <b>SWR-PWR-WL-80</b> : 80" POWER JUMPER / <b>SWR-PWR-WL-60-PI</b> : 60" PLUG-IN CORD / <b>SWR-DMX-WL-80</b> : 80" DMX/DATA JUMPER / <b>SWR-DMX-WL-300</b> : 300" (25') DATA CABLE INTERCONNECT