coloronix®
COLORFUL ARCHITECTURAL ILLUMINATION

RGBW.COM

SS2-5L-16-RGBW
40" Adjustable Linear

CATALOG NO. ....

TYPE ....

PROJECT ....

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 Consumption:
0-76W.

Power Input Connection:
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.

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)

Construction:
Made of extruded 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.
Cast aluminum tightenging allows for 90º Tilt.

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

L70 Life:
35,000 Hours for ambient temperatures under 100ºF.

Temperature Rating: 14°F - 113°F Ambient.

COLOR DEAILS

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.

LED Die Colors:
Red (620-635nm)   Blue (450-465nm)
Green (520-535nm)

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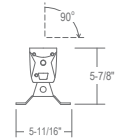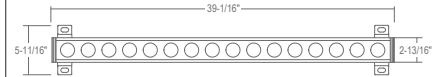All Std. Colors, Consult Factory.

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

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 innovated OLED display inside the Data Enabler allows selecting of over 30 static and dynamic color sequences. Display encased behind temperproof UV protected glass to reduce deterioration after long exposure to outdoor environments.

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.

SAFETY

Complies to UL1598 and ANSI/UL 8750.
IP66

39-1/16"
5-11/16"
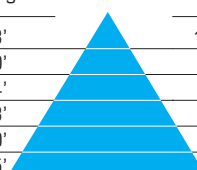2-13/16"
90°
5-7/8"
5-11/16"

0° TILT, 4' OFFSET

DISTANCE

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'	

FOOTCANDLE CALCULATION: SS2-5L-16-RGBW

Height	FC	Ø@50% of beam	Ø@90% of beam
18'	105	28'	50'
20'	84	30'	55'
24'	59	35'	67'
28'	43	42'	78'
30'	38	50'	85'
35'	28	53'	98'

ORDERING

▶ example:
SS2-5L-16-RGBW-B45/SWR-PWR-WL-80

HOUSING	BEAM SPREAD		ACCESSORIES	
SS2-5L-16-RGBW	Blank:	Graze (20°)	/**SWR-PWR-WL-80**	:80" POWER JUMPER
	-B45:	FLOOD	/**SWR-PWR-WL-60-PI**	:60" PLUG-IN CORD
	-B2095:	ASYMMETRICAL FLOOD	/**SWR-DMX-WL-80**	:80" DMX/DATA JUMPER
	-B60:	WIDE FLOOD	/**SWR-DMX-WL-300**	:300" (25') DATA CABLE INTERCONNECT