

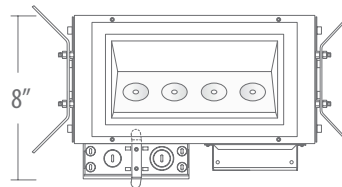
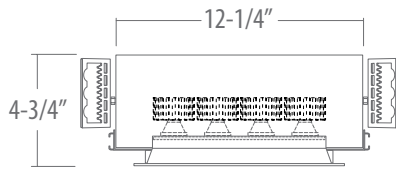
APPLICATION

For the use of wall wash or accent lighting. To install as recessed in ceilings. 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.

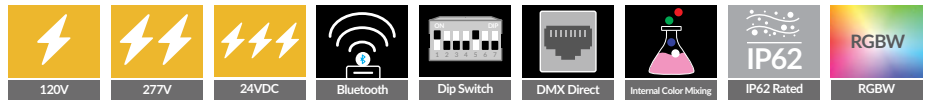
- 40W 1,050 Max. Lumen
- DMX control via Dip switch selection via Remote Data Enabler
- IP62 Rated
- LED Die Colors: RGBW
- Static Colors Available

- Using InternaMix™ proprietary technology, colors are efficiently blended together through an internal mixing chamber. The one-color output reduces unsightly views of isolated rainbow-like striations.
- Smooth and flicker-free dimming of all colors down to 1% using patented color mixing and dimming technologies developed at Philips Color Kinetics®
- 3 Year Warranty

DIMENSIONS



Ceiling Opening : 9-3/16" x 5"



ORDERING - Example: SH49LDC7ORGBW-WALIBV024/SR49LED71W



HOUSING	POWER INPUT	CONTROL	FINISH
SH49LDC7ORGBW	V024: 24V DC PWM: 120V AC 277V: 277V AC	Blank: DMX -WALIB: Wireless Bluetooth	/SR49LED71W: White

ACCESSORIES

72" RJ45 Extension • SWR2RJ45-BK-72	SWR2RJ45-BK-72	RJ45 Coupler • PCL004	PCL004
RJ45 DMX Terminator • PCL002	PCL002	T-Bar/Wood Joist Hanger Bars • HB24	HB24
DMX RJ45/Terminal Block Coupler • PCL003	PCL003	200W 4-Channel Data Enabler • SDEBT-24VRGBW-400	SDEBT-24VRGBW-400

SPECIFICATIONS

OUTPUT

Beam Angle: 45° x 90° Flood (Wall Wash)

Lumens: 1,050 Max. Lumen

Efficacy (lm/W): 26.2 lm/W

LED Channels: Red/Green/Blue/White

ELECTRICAL

Input Voltage: 120V, 277V and 24V Configurations available

Power Consumption: 0.1-40W

CONTROL

Interface: DMX Control via dip switch selection via Remote Data Enabler

Control System: DirectDMX Color Control. Color controlled with USITT DMX512A Standard Protocol to work with Coloronix or 3rd Party DMX Systems. Data Input/Output ports allow daisy-chaining of DMX Signal.

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

Static Color Available: All Standard 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[®]

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.

Wireless Bluetooth Control: Bluetooth control via wireless data enabler. Call up standard colors or shows. One Bluetooth enabler per zone. Each fixture is individually controlled. Not recommended for large scale installations or where programming requires intensive dynamic color syncing across fixtures.

LUMEN MAINTENANCE

L70 Life: 35,000 Hours for ambient temperatures under 85°F.

PHYSICAL

Dimensions (Height x Width x Length): 4-3/4" x 8" x 12-1/4"

Housing Material: Made of heavy gauge cold-rolled steel to protect light emitting diodes, other electronics and preserve optical alignment. Integral junction box provides easy access for electrical maintenance, via remodeling clips. Die-Cast construction trim ring flange covers ceiling opening. Steel Blades/Springs installed on trim for a tight gap-free installation onto housings. Recommended for ceiling thickness up to 0.75".

Lens: Frosted, prismatic, flat polycarbonate lens

Connections: Standard wiring for power in and RJ for DMX In/Out

Mounting: Steel pressure springs mounted on trim to ensure positive retention inside housing

Temperature Range: 0°F - 120°F Ambient

CERTIFICATION

ETL Listed Complies to UL1598 and ANSI/UL 8750.

Damp Location Rated. IP62 Protection.

WARRANTY

3-Year Warranty

PHOTOMETRY

TEST INFORMATION

REPORT LAB/NO : LIGHTING SCIENCES/28873
 Number of Array : [4] Four LED arrays
 Luminaire Output : 1050 LMS
 Color Temperature : 4000K
 Driver Information : [1] Coloronix 40 Watt Driver
 operating at 120V AC and 43.0 Watts.

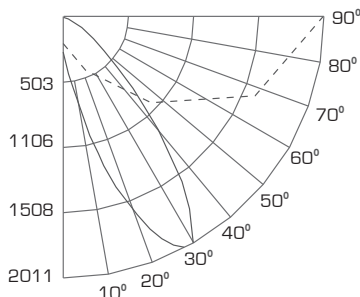
RECOMMENDED CEILING INSTALLATION

CEILING HEIGHT	SPACING	DISTANCE FROM WALL
8'	6' OC	27"
10'	7' OC	39"

ZONAL LUMEN AND PERCENTAGES

ZONE	LUMENS	%LUMINAIRE
0 - 30	388.74	37.14
0 - 40	681.5	64.98
0 - 60	985.34	93.86
0 - 90	1049.91	100.00
90 - 120	0	35.02
90 - 130	0	6.14
90 - 150	0	0.00
90 - 180	0	100.00
0 - 180	1049.91	100.00

CANDLEPOWER DISTRIBUTION



INTENSITY (CANDLEPOWER) DATA

ALONG 0°				SIDE 45.0°				ACROSS 90°			
ANGLE	INTENSITY	ANGLE	INTENSITY	ANGLE	INTENSITY	ANGLE	INTENSITY	ANGLE	INTENSITY	ANGLE	INTENSITY
0.0	234.0	50.0	90.0	0.0	234.0	50.0	372.0	0.0	234.0	50.0	372.0
5.0	234.0	55.0	72.0	5.0	336.0	55.0	234.0	5.0	336.0	55.0	210.0
10.0	228.0	60.0	54.0	10.0	468.0	60.0	144.0	10.0	642.0	60.0	132.0
15.0	216.0	65.0	42.0	15.0	618.0	65.0	96.0	15.0	1086.0	65.0	90.0
20.0	204.0	70.0	30.0	20.0	786.0	70.0	66.0	20.0	1560.0	70.0	0.0
25.0	186.0	75.0	12.0	25.0	894.0	75.0	24.0	25.0	1890.0	75.0	0.0
30.0	162.0	80.0	6.0	30.0	912.0	80.0	0.0	30.0	1962.0	80.0	0.0
35.0	150.0	85.0	0.0	35.0	846.0	85.0	0.0	35.0	1662.0	85.0	0.0
40.0	138.0	90.0	0.0	40.0	690.0	90.0	0.0	40.0	1104.0	90.0	0.0
45.0	108.0			45.0	510.0			45.0	666.0		