

APPLICATION

For the use of direct ambient and/or accent lighting. To install as recessed in ceilings. Belongs to C70 series family. Perfect for applications desiring a dynamic color changing effect. Recommended for retail, modern residential, hospitality and entertainment installations. Miniature downlight recommended for low to medium height ceilings. RGBW design allows fine-tuned pastel colors and saturated hues without sacrificing illumination brightness.

ELECTRICAL

Power Input:

Direct 120V-240V AC input comes standard. Available with 24DC or 120V-277V options. 0.15A Max. See ordering guide below.

Power Input Connection:

Direct Line Voltage hard-wired inside electrical junction box. Standard knock-out conduit entries with multiple sizes for through wiring.

Power Consumption:

0.1- 20W.
(Stand-by wattage not included).

PHYSICAL

Environment:

IC rated for direct contact with loose insulation.

Construction:

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".

Housing Finish:

Painted black to eliminate stray light leaks.

L70 Life:

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

Temperature Rating: 0°F - 120°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 Dip Switches inside the Data Enabler allow selecting of DMX addresses between 1-512 in a given DMX universe. DMX Data fed to housing via standard RJ45 connectors. Data Input/Output ports allow daisy-chaining of DMX Signal.

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.

Static Color Available:

All Std. Colors, Consult Factory.

Color Mixing:

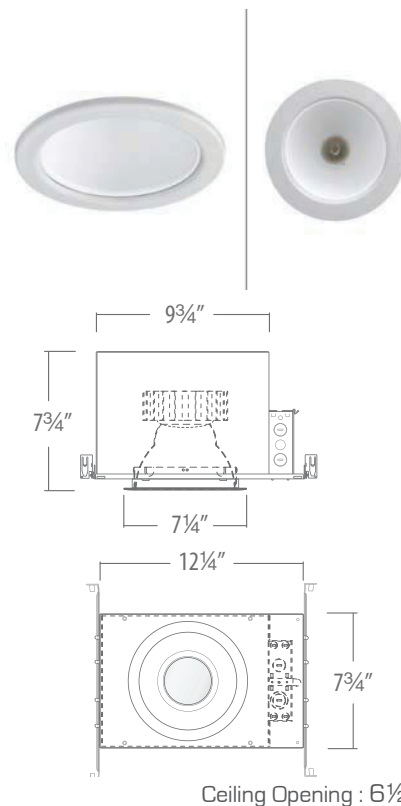
Using InternaMix™ proprietary technology, colors are efficiently blended together through an internal mixing chamber. The one-color output reduces unsightly views of isolated Red, Green and Blue Diodes for a seamless rainbow-free appearance.

Dimming:

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

Emergency Data Function:

Optional function to set all DMX values to 100% Data Loss use (-EMDATA)



LED Die Colors:

Red (620-635nm) Blue (450-465nm)
Green (520-535nm) Neutral White (4000k)

COMPATIBILITY

Accessories:

SWR2RJ45-BK-72: 72" RJ45 Extension
PCLOO2: RJ45 DMX Terminator
SDEBT-24VRGBW-400: 200W 4-Channel

PCLOO3: DMX RJ45/Terminal Block Coupler
PCLOO4: RJ45 Coupler

SAFETY

ETL Listed Complies to UL1598 and ANSI/UL 8750.
Damp Location Rated.
IP62 Protection.

ORDERING

▶ example: **SH6LDC7ORGBWV024/SR6LED21W**

HOUSING	CONTROL	POWER INPUT	FINISH
SH6LDC7ORGBW	Blank : DMX -WALIB: Wireless Bluetooth	Blank : 120V-240V AC V024 : 24V DC V277 : 120V-277V AC	/SR6LED21B : Black /SR6LED21W : White