COLORONIX®
COLORFUL ARCHITECTURAL ILLUMINATION
WWW.RGBW.COM

ColorPad Surface Mounted
SPD12
12" RGBW Surface Mount DMX ColorPad

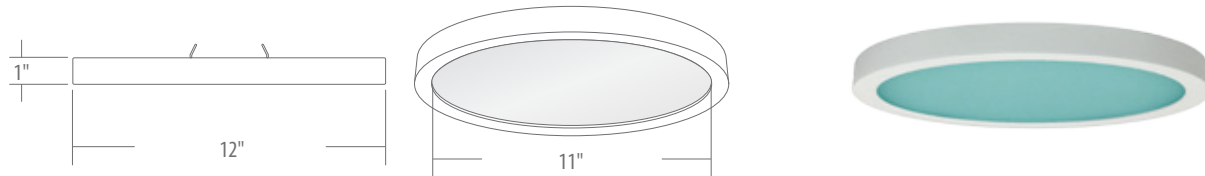CAT. NO.: _____

TYPE: _____

PROJECT: _____

APPLICATION

Ultra-low profile, easy-install alternative to recessed lighting for plenum-challenged spaces with average ceiling heights. RGBW Design all fine-tuned paste colors, saturated hues without sacrificing illumination brightness. Recommended for retail, hospitality, entertainment venues, corporate branding. DMX control option allows the use of DMX512 Control

Systems to individually control and change colors, set looks, and add lighting effects which can affect moods, feelings and atmosphere.
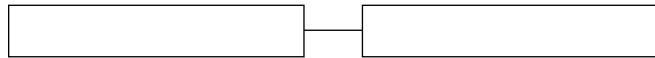
- 80W 1,000 Max. Lumen
- DMX direct via remote data enabler
- LED Die Colors: RGBW
- Static Colors Available

- 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

1"

12"

11"

ORDERING – Example: SPD12-WALIB2

| 24VDC | Bluetooth | DMX Direct | Internal Color Mixing | RGBW |

HOUSING
SPD12

POWER INPUT
Blank: 24VDC (Satellite DMX/Bluetooth) Enabler
-WALIB2: 24VDC Bluetooth Control
-WALIB2-V120: Integral Bluetooth Control
-DMX: 24VDC Integral DMX Control*

*Deep Octoganol Jbox Needed

ACCESSORIES

96W 120V/277V Power Supply with Junction Box   LD533V024-1277-96-JB

- 120V-277V Input
- Electrical Junction Box Included
- Each power supply energizes up to 2 lights.

4 Channel 200W DMX Data Enabler   SDE24V24RGBW-400

- 12V or 24 DC Input
- cETLus listed
- DmX-512 (1990) & Pre-Programmed Control

2020.07.17

SPECIFICATIONS

OUTPUT

Beam Angle: 120°

Lumens: 1,000 Max. Lumen

Efficacy (lm/W): 12.5 lm/W

LED Channels: Red/Green/Blue/White

ELECTRICAL

Input Voltage: 24V DC

Power Consumption: 80W

CONTROL

Interface: DMX direct 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®

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.

LUMEN MAINTENANCE

L70 Life: 50,000 Hours for ambient temperatures under 100ºF.

PHYSICAL

Dimensions (Height x Width x Length): 1" x 1" x 12 "

Housing Material: Die-Cast aluminum frame easily mounts to any standard octagonal junction box. Super slim 1" thick design.

Lens: Poly Carbonate Frosted White Lens

Connections: Standard power wiring, RJ45 connections for DMX/Data.

Mounting: Attaches to any standard octagonal junction box.

Temperature Range: -4°F - 113°F Ambient

CERTIFICATION

Complies to UL1598 and ANSI/UL 8750.

WARRANTY

3-Year Warranty