specialtyLED
commercial & decorative lighting

RGBWFP22 Series
RGB and Tuneable White LED Flat Panel

DESCRIPTION

specialtyLED's RGBWFP22 panel features an extremely thin design which provides even illumination across the entire panel with no visible hot spots or shadows. Unlike standard solid white LED flat panels, color-changing panels have a wide variety of installation options including setting a mood in a restaurant or school, adding rolling color in a coffee shop, or being a colorful backdrop in a bar. These colorful panels are extremely versatile in their uses and are only limited by your imagination.

SPECIFICATIONS

Construction:
• Aluminum frame with seamless corners
• Diffusion plate with more than 90% light transmittance
• Acrylic light guide for even illumination
• Recessed design for T-bar ceiling installation
• Enlarged junction box to facilitate connections

Optics/LEDs:
• PMMA GLP and polycarbonate diffuser
• Tuneable white LEDs 2800K - 6500K
• CRI >80

Electrical:
• 120-277VAC, 50/60Hz
• Output 24VDC
• 36W
• Optional DMX512 control
• Includes LED driver and RGB controller (controls up to four units)

Testing & Compliance:
• ETL Listed
• CE Listed
• Meets IP44 Rating
• Operating temperatures: -20°C to 50°C (-4°F to 122°F)

Available Accessories:
• RFX-RGB-DMXCV-DECODER: Indoor 5050 RGB DMX decoder with RJ45 input and 12-24V output
• STICK-KE2: Indoor 1024 channel DMX controller, controls up to six units on a single address
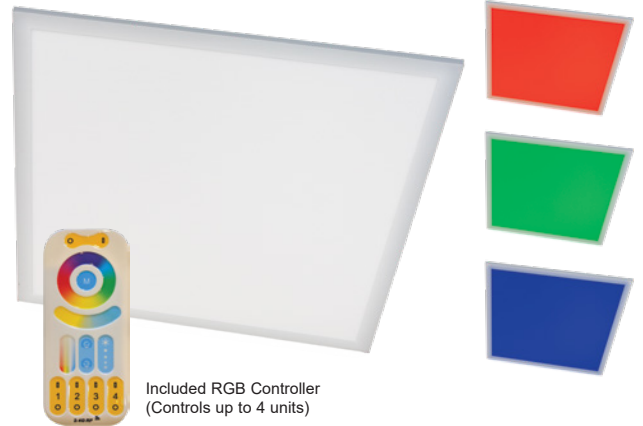• POWER4M: 6VDC, 065A Power adapter for STICK-KE2

Installation:
• Easy installation in T-bar ceilings
• Suspended and surface mounting kits available, consult factory
• Up to six units can be controlled on the same address or they can be controlled individually
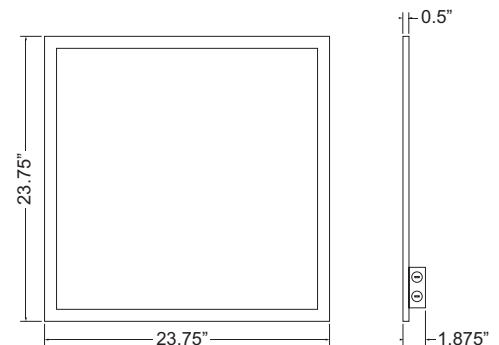
Warranty:
• Five Year Warranty (Terms and Conditions Apply)

Included RGB Controller
(Controls up to 4 units)

Specs at a Glance	* Nominal Wattage (Switchable)
Configuration	RGBWFP22 (2' x 2')
CCT (K)	R: 620-630nm G: 515-525nm B: 465-470nm W: 4000-4500nm (2800K-6500K)
Wattage (W)*	36W
Lumens (lm)	2880-3060
Efficacy (LPW)	80-85
CRI	≥80
Input Voltage	120-277VAC, 50/60Hz
Operating Temp	-20°C to 50°C (-4°F to 122°F)
Certifications	ETL Listed, CE, Meets IP44
Warranty	5 Years

Note: Environment and application will affect performance. Typical values and 25°C used for testing. Specifications subject to change without notice.

23.75"
23.75"
0.5"
1.875"

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Ordering Information (Example: RGBWFP22)

Model	Description
RGBWFP22	LED RGB+W Flat Panel, Tuneable White LEDs (2800K - 6500K), 2'x2' Backlit, 120-277VAC, Includes Simple Hand Held Controller

Accessories (Order As Separate Line Item)

Part Number	Image	Description	Part Number	Image	Description
RFX-RGB-DMXCV-DECODER		Indoor 5050 RGB DMX decoder with RJ45 input, output 12-24V (needs DMX board, not included) INDOOR USE ONLY	STICK-KE2		DMX controller, 1024 channels. INDOOR USE ONLY (requires the use of the POWER4M power adapter)
POWER4M		6VDC, 0.65A power adapter for STICK-KE2			

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