

CRGBW

RGB AND TUNEABLE WHITE LED FLAT PANEL



The CRGBW series is an extremely thin design flat panel that provides even illumination across the entire panel with no visible hot spots or shadows. Available in 1x4, 2x2, and 2x4 sizes. RGBW capability allows the color to be changed by handheld RGB remote controller with HCONT controller, or by an addressable DMX decoder for DMX512 control (controller supplied by others). Tuneable white LED range of 2800K-6500K. Up to 6 panels can be controlled by the handheld remote when installed in the same room.

CONSTRUCTION: Aluminum frame with seamless corners. Enlarged junction box to facilitate connections.

APPLICATIONS: The versatile CRGBW series perfect for setting a mood in offices, schools, government buildings, commercial applications, and any application that requires more than a standard white flat panel.

OPTICAL SYSTEM: PMMA GLP and Polycarbonate diffuser. Diffusion plate with more than 90% light transmittance. Acrylic light guide for even illumination.

ELECTRICAL SYSTEM: 120V only. Includes LED driver and RGB controller that can control up to 4 units. Available with LED driver and handheld RGB controller. Operating temperatures: -20°C to 50°C (-4°F to 122°F).

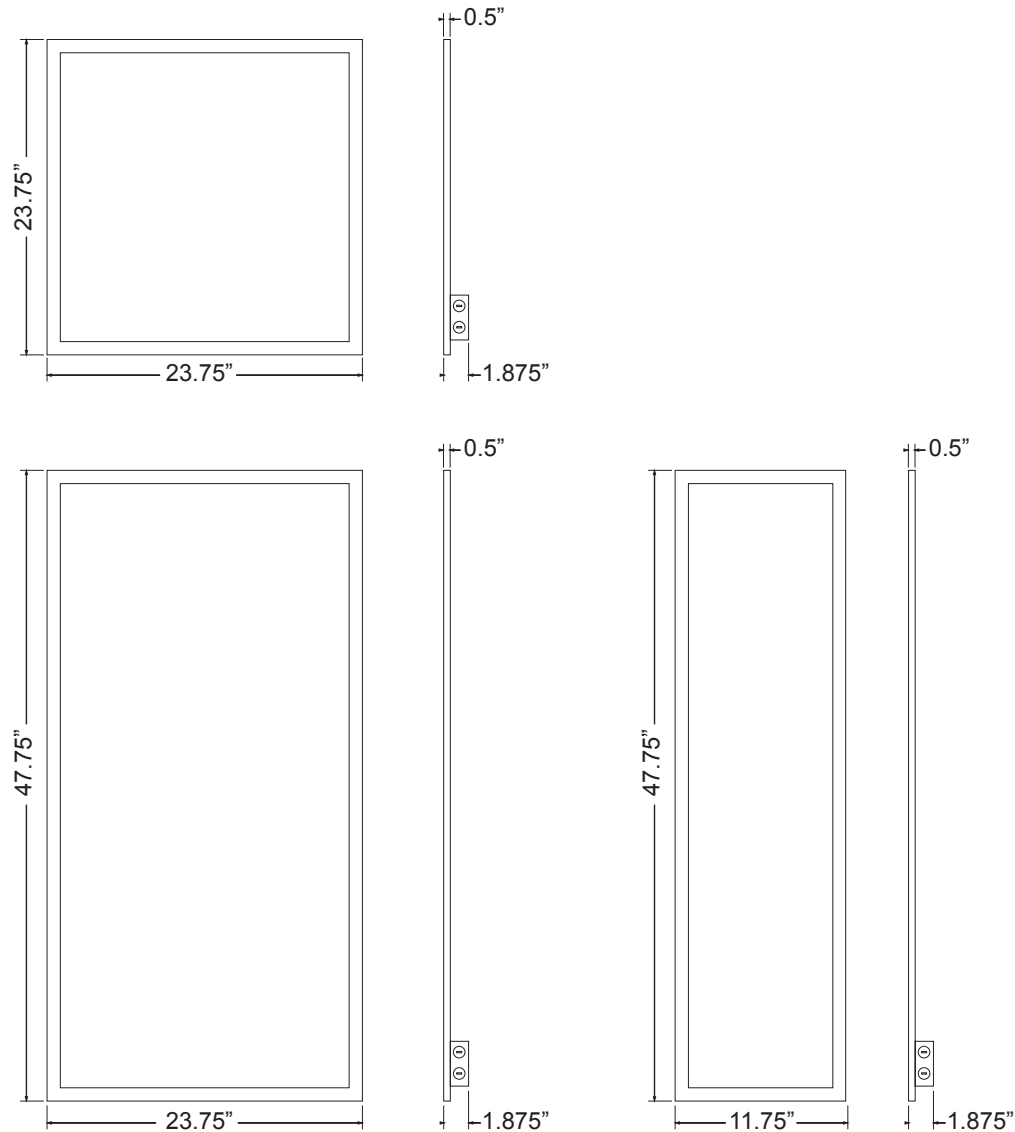
MOUNTING: This fixture is designed for recessed mounting for T-bar ceiling installation. Suspended and surface mount kits are available

WARRANTY: 5-Year Limited Warranty. Complete warranty and terms located at www.aelnow.com/warranty.

ORDERING INFORMATION Example: CRGBW14-S-S-M-D-FK22

SERIES		OUTPUT		VOLTAGE		CONTROLLER		OPTIONS	
CRGB1W14	1x4	S	Standard	120V	120Volts	HCONT	Simple Handheld RGBW Controller	SMS14	1x4 Surface Mount Shroud
CRGB1W22	2x2							SMS22	2x2 Surface Mount Shroud
CRGB1W24	2x4							SMS24	2x4 Surface Mount Shroud
								FK14	1x4 Flange Kit
								FK22	2x2 Flange Kit
								FK24	2x4 Flange Kit
								CMK	Cable Mount Suspension Kit

Dimensions



Specs at a Glance		* Nominal Wattage	
Configuration	CRGBW14	CRGBW22	CRGBW24
Dimensions	1' x 4'	2' x 2'	2' x 4'
Wattage (W)*	36W	36W	60W
CCT (K)	R: 620-630nm G: 515-525nm B: 465-470nm W: 2800K-6500K CCT		
Lumens (lm)	2700-3060	2700-3060	4500-5100
Efficacy (LPW)	80-85		
CRI	≥80		
Input Voltage	120VAC, 50/60Hz		
Operating Temp	-20°C to 50°C (-4°F to 122°F)		
Certifications	ETL Listed, CE, IP40 Rated		
Warranty	5 Years		

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