CHROMA
40-RGBW

RGBW | 15W LEDs | 43° Beam | IP65 | eventCON

The CHROMA 40-RGBW is a high class washlight. The high-quality manufacturing, and the special developed changeable optics reflect the needed requirements of a product in this class. Furthermore the CHROMA is equipped with 40! LEDs – each providing a power of 15 Watts. Especially architectural applications benefit from an extraordinarily homogenous colour mixture paired with a strong lighting power. The eventCON® system, developed by EHRGEIZ, combines signal and power in one cable and offers a fast and flexible installation – even under adverse circumstances at outdoor use.
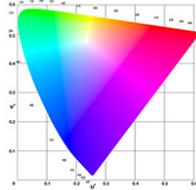
Features:

- 40x 15 Watt RGBW LEDs
- 30.000 Lumen
- 5 controllable zones
- IP65 rating
- eventCON® system

SteadyColor™ Dimming

The advantage of the RGBW LED technology is mixing every color to get a wide variety of colors. Furthermore it is a challenge to remain the same mixed colors also if the total brightness changes, because the single color-LEDs have different brightness and cannot be simply dimmed linearly. With the new EHRGEIZ SteadyColor™ Technology we enable the mixed colors to remain the same at each dimming level. No more color shifts by dimming in unwanted shades or adjustment of the single colors.

Quality Colors

The CHROMA 40-RGBW uses powerful 15W RGBW LEDs. The primary colors (red @ 630nm, true green @ 520nm and deep blue @ 453nm) create a very wide color gamut. All fixtures are calibrated to achieve an equal lighting output for every fixture.

Several Optics

An incredible beam of 43° and also a uniform color reproduction of the figure. This is all possible due to the special optics of the CHROMA 40-RGBW. Furthermore this fixture can also be ordered with 15° or 21° beam angle.

Wireless DMX

The CHROMA 40-RGBW is equipped with a wireless DMX (LumenRadio) receiver. So you are able to follow up difficult installations with DMX controlling.   This allows simple communication with DMX network over USITT DMX 512 A protocol

Flat Design

The mechanism to tilt the LED Unit with its wide 110° angle gives you the opportunity to get the device in a very low profile height in many applications. It also improves the stability in floor applications without accessory and still has versatile mounting options because of the flat base with two omega brackets for safe mounting.

IP65 - Out of the box

Nowadays a static fixture must cover many applications - indoor and outdoor. We combined the best of both fields. Including a new connector system which combines power and DMX signal in one cable – eventCON®. Lightweight materials, high power components and a smart design complete this fixture. All this offers a use in the harshest conditions without any limitations.

Light source
- 40 x 15W Class RGBW LED
- CRI of min. 75
- Rated lumen output : 30.000 lm
- Efficiency with typ. 55 lm/W
- LED Life expectancy: approx. 50.000 hours

Optical system
- Beam angle 43°
- Optional lenses in 15° and 21°

Functions
- High resolution dimmer 0-100%
- Selectable dimmer curves
- Strobe with variable speed (max. 20Hz)
- Pre-programmed random strobe & pulse effects
- RGBW, 8 or 16 bit color mixing
- SteadyColor™ Dimming
- 5 controllable LED Zones
- Seamless CTO
- Virtual color wheel with 39 colors including whites (2700K / 3200K / 4200K / 5600K / 7200K / 8000K)
- Pattern effects with variable speed

Thermal
- Maximum ambient temperature: 45° C (113° F)
- Intelligent fan module

Control and programming
- Setting & addressing: 2x 16 characters LC display & 4 buttons
- Protocol: USITT DMX-512
- 5 DMX protocol modes
- 3-editable programs, each up to 25 steps
- Stand-alone mode
- Wireless DMX (LumenRadio)
- Firmware update via Update cable
- DMX In/Out: eventCON®
- Power In/Out: eventCON®

Electrical Specification
- Electronic switching power supply with auto-sensing
- Input voltage: 100-240V AC, 50/60 Hz
- Max. power consumption: 620 Watt

Mechanical Specification
- IP65 rating
- Height (LED module up): 300mm (11.8")
- Height (LED module down): 155 mm (6.10")
- Width: 484 mm (19.05")
- Depth: 233 mm (9.17")
- Weight: 12.5 kg (27.55 lbs)

Rigging
- Two M10 insert
- Four 1/4th turn mounting inserts for two omega bracket
- Two attachment points for safety wire (Handles)

Included accessories
- Cable Merger eventcon/Schuko + XLR-3 (IN)

Accessories
- 2x Omega brackets
- Case for 4 x Chroma 40-RGBW