

HELIOS

7

RGBW

15W
LEDs

8°
Beam

Pixel
Control



The Helios 7 creates a fantastic beam effect. Furthermore you are able to control every single LED of the fixture - in every colour you like. Due to the compact design the Helios 7 is a speed beast with perfect movement control when it comes to smooth tasks. Its high class OSRAM® LEDs and the engineered lenses make the Helios 7 a perfect tool for professional application.

Features:

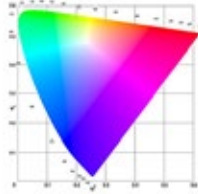
- 7x 15 Watt OSRAM® RGBW LEDs
- 8° beam angle
- single LED control
- 18° & 58° diffusion filter

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



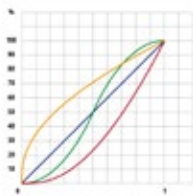
The Helios 7 uses the well-established and powerful 15W OSRAM® Ostar RGBW LED. The primary colors (red @ 632nm, true green @ 520nm and deep blue @ 453nm) create a very wide color gamut. All fixtures are calibrated to achieve an equal lighting output for every fixture.

ConsistentColor™ Optic



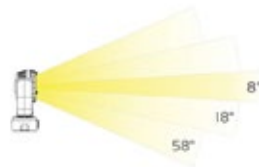
The Helios 7 optic is unique and specially manufactured. An incredible beam of 8° and although a uniform color reproduction of the figure. The new EHRGEIZ ConsistentColor™ optic leaves nothing to be desired and represents the perfect balance between output and homogeneity. With this optic there are no longer coronas or color shifts.

Dimming Curves



There are four main dimming curves which are used in most of our devices to achieve a dimming the user wants. We have a linear dimming as well as three optimized curved dimming. All are precise and smooth in their way of dimming as well with the new and unique SteadyColor™ dimming it is a pleasure to work with.

More than a Beam



The excellent beam performance with the ConsistentColor™ Optics is one way to use the fixture. With the diffusors with included every fixture it is easy possible to change the light beam to 18° and 58° with only a few screws. Now you can even master wash applications with the same fixture.

Patterns



Every LED can be controlled individually and you can create amazing effects with it. With the included Pattern function it is now even easier to create compelling visual effects with very few channels and keep the hard programming work behind you.

Light source

- 7x 15 Watt Class RGBW LED
- Rated lumen output : 2.400 lm
- LED Life Expectancy: approx. 50.000 hours

Optical system

- ConsistentColor™ Optics
- Beam angle 8°

Functions

- RGBW, 8 or 16 bit color mixing
- SteadyColor™ Dimming
- Seamless CTO
- Virtual color wheel with 39 colours including whites (2.700 K, 3.200 K, 4.200 K, 5.600 K, 7.200 K and 8.000 K)
- Individual LED colors control
- Individual shutter/dimmer for each LED
- Pattern effects with variable speed
- High resolution dimmer 0-100%
- Selectable dimmer curves
- Strobe with variable speed (max. 20 Hz)
- Pre-programmed random strobe & pulse effects

Movement

- High precision 2 phase stepping motors
- 16-bit Pan/Tilt control
- Position feedback
- Pan and Tilt movement range: 540°/270°

Thermal

- Maximum ambient temperature: 45° C (113° F)
- Intelligent fan control
- 4 fan modes

Control and programming

- Setting & Addressing: 2x 16 characters LC display & 4 buttons
- Protocol: USITT DMX-512
- Control channels: 10, 11, 16, 20, 60
- 5 DMX protocol modes
- 3-editable programs, each up to 25 steps
- Stand-alone mode
- Firmware update via DMX-line
- DMX In/Out: XLR-3
- Power In/Out: Neutrik powerCON®

Electrical Specification

- Electronic switching power supply with auto-sensing
- Input voltage: 100-240V AC, 50/60 Hz
- Max. power consumption: 135 Watt
- Fuse protection : T4A (6.3x 32 mm)

Mechanical Specification

- Height: 305 mm (12.0")
- Width: 240 mm (9.44")
- Depth: 135 mm (5.3")
- Weight: 4.0 kg (8.8 lbs)

Rigging

- Centered M10 insert nut
- 2 attachment points for safety wire

Included accessories

- Diffusion filter 18° & 58°
- Diffusion filter holder with 3 mountings screws
- Cable powerCON/Schuko

Accessories

- Case for 8x Helios 7