

HELIOS

7B

RGBW

15W
LEDs

8°
Beam

Pixel
Control

Battery
Powered



Moving free.

The Helios 7 B fixes a new standard as cable free moving head and offers you complete freedom in design of events and budget. As a complete wireless working moving light with the awarded and worldwide famous charging system of Makita, the Helios 7 B represents the next generation of innovative solutions from EHRGEIZ. You enjoy all benefits of a professional moving light without the limitation of cables

Features:

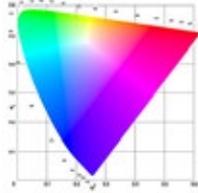
- 7x 15 Watt OSRAM® RGBW LEDs
- completely wireless
- compatible to Makita BL18 series
- single LED control
- 18° & 58° diffuser lense

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 7B 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



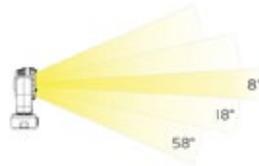
The Helios 7B optic is unique and specially manufactured. An incredible beam of 8° and although a uniform color reproduction of the figure. The new EHRGEIZ ConsistentColor™ optic leaves nothing to be desired and represents the perfect balance between output and homogeneity. With this optic there are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

Wireless DMX



The Helios 7B is equipped with 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

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

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

Optical System

- ConstantColor™ 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. 20Hz)
- 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: 2x16 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
- DMX In/Out: XLR-5
- Wireless DMX (LumenRadio)

Electrical Specification

- Current In: 4-Pin 12V connector (Power DIN)
- Redundant power supply with two Makita lithium-ion - Batteries with 5.0 Ah and 18V
- Max. power consumption: 135 W

Mechanical Specification

- Height: 305 mm (12.0")
- Width: 240 mm (9.44")
- Depth: 135 mm (5.3")
- Weight: 4.0 kg (8.8 lbs), without battery
- Weight: 5.2 kg (11.46 lbs), with battery

Rigging

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

Included accessories

- Diffusion filter 18° & 58°
- Diffusion filter holder with 3 mountings screws

Accessories

- Case for 6x Helios 7B
- Case for 24x Batteries
- Makita Charger-4 18V