CYCLOPS LIGHTING

RoS TRITON

DATASHEET



RoS

CYCLOPS LIGHTING





The RoS (Rain or Shine) TRITON is a high-performance 19x60W LED Wash fixture engineered for professional lighting applications. It features 19x60W RGBL LEDs and an additional 76x0.5W RGB LEDs, offering a versatile 4.5° to 55° motorized zoom range. This fixture provides advanced color mixing and pixel control, along with linear color temperature presets from 2000K to 8000K, making it suitable for a wide range of creative lighting designs. With an average LED life of 50,000 hours, it delivers reliable and long-lasting performance.

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SOURCE

Light Source	• 19x60W RGBL LEDs
Auxiliary LEDs	• 76x0.5W RGB LEDs
Life Expectancy	• 50,000 hours
CRI	• Ra> 80

OPTICAL SYSTEM

Beam Angle (Zoom Range)	• 4.5˚ – 55˚
Zoom	• High-speed linear adjustment motorized zoom
Lens	• Bi-directional continuous rotation front lens for physical beam-splitting and kaleidoscope effects

COLORS

Color Mixing	• RGBL and Pixel Control

DYNAMIC EFFECTS

Kaleidoscope Effect	• Rotating lens combined with pixel mapping for mid-air beam effects and complex graphic projections
“Glint” Sparkle Effect	• Dedicated 76x 0.5W RGB auxiliary LEDs for background lens textures and eye-candy visuals
Macros	• Pre-programmed Kaleidoscope and Glint effect patterns with variable speed and direction
Color Presets	• Built-in Presets and Macros
Dimmer	• 16-bit
Strobe	• Electronic strobe

CONTROL & PROGRAMMING

Control Channels	• 26, 98, 251, 321 CHs
Display	• LCD display (4 touch button control panel)
Protocols	• DMX, RDM, Art-Net, sACN
Dimming Curves	• Selectable and Variable Curves

MOVEMENT

Pan	• 540°
Tilt	• 210°
Resolution	• 8/16 bit
Positional Feedback	• Automatic correction system

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ELECTRICAL

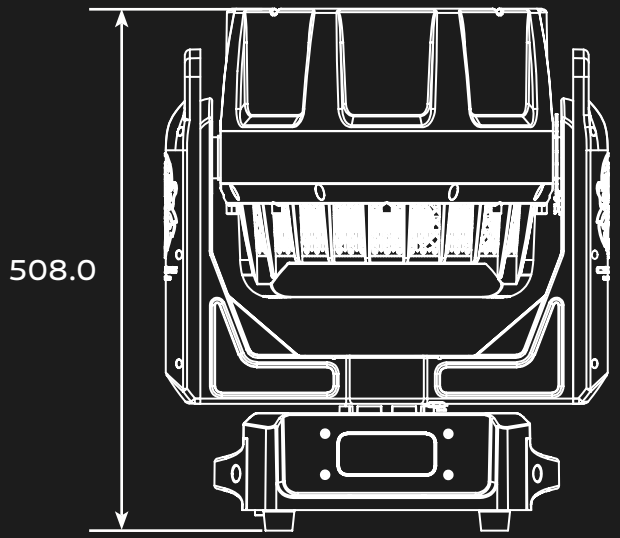
Input Voltage	• 100-240V / 50-60Hz
Power Consumption	• 1500W

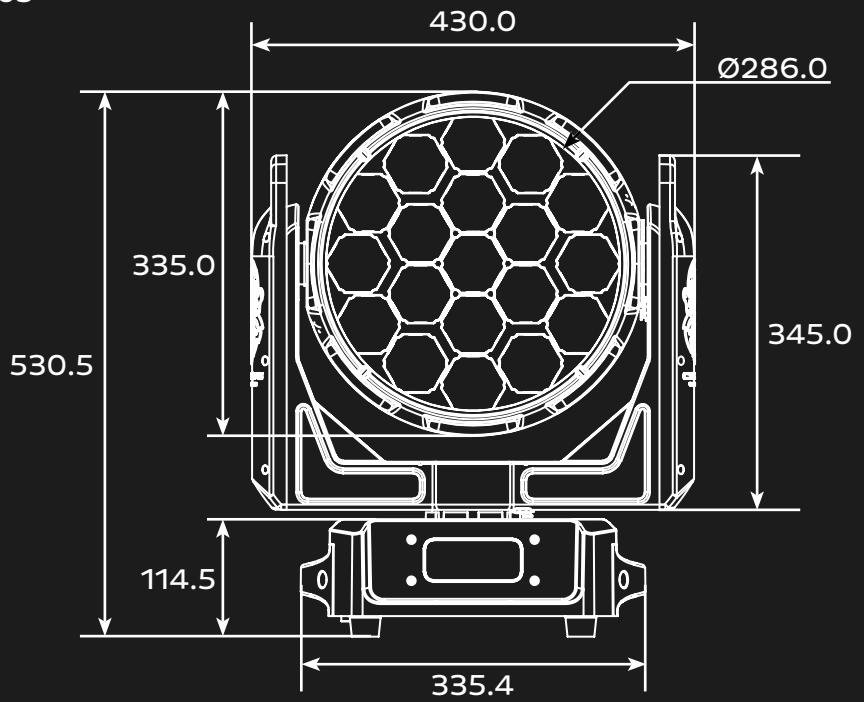
CONNECTIONS

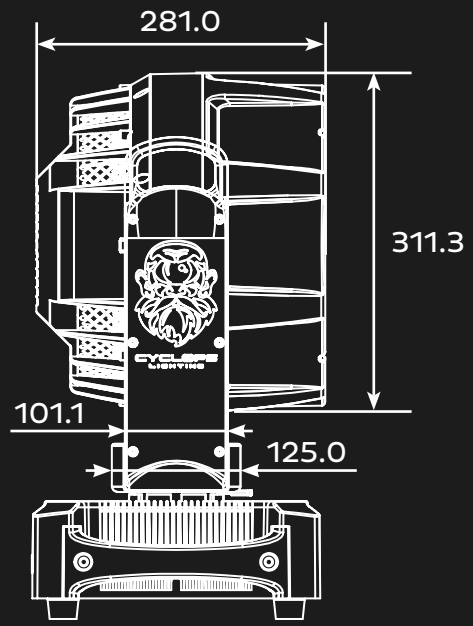
Power Connections	• IP65 power connector In/Out
DMX Connections	• IP65 3-pin and 5-pin XLR In/Out
Network Connections	• IP65 RJ45 Ethernet connector In/Out

PHYSICAL

Dimensions	• 430×280×514 mm
Net Weight	• 23 Kg
Body Material	• Magnesium-Aluminum Alloy
Operating Temperature	• -20 / 45°C
IP Rating	• IP65







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www.cyclopslighting.com