OTOS® L16

IP65 MOVING BAR

DESCRIPTION

The OTOS® L16 extends the OTOS series with an IP65-certified LED bar with 16 × 50 W RGBL lenses. With the power of 720 W, it achieves a light output of 9,000 lumens – setting powerful accents in any outdoor show. Two independently controllable zoom segments, an integrated FX strip, and the motorised tilt range of 208° (+/- 104°) make the L16 a versatile tool for precise beams, dynamic zoom effects, and moving light accents – far more than a classic static LED bar.

The linear design enables clear lines and seamless cluster effects, while the RGBL system produces brilliant colours and bright white in the 1,800–10,000 K range. Strategically placed handles, a compact connector layout, and the quick-lock mechanism make rigging faster and cable management tidier.

As part of the OTOS® family, the L16 is optically and photometrically matched to the OTOS Wash series and expands the creative spectrum with striking, symmetrical looks with maximum expressiveness.

FEATURES

- 16 × 50 W RGBL LEDs with 9,000 lm output
- Motorised tilt range: 208° (+/- 104°) for dynamic movements
- 2 independent zoom segments, each with 8 lenses (left and right), 5°–37° zoom range
- Integrated FX strip (such as LC12 and OTOS Wash FX rings)
- Linear bar design, ideal for precise beam looks and symmetrical effects
- Seamless clustering for continuous light surfaces
- IP65 protection for outdoor and touring applications
- Quick-lock mechanism and strategically placed handles for efficient handling
- 4 different filters optionally available
- Weight: approx. 25.8 kg

SPECIFICATIONS

Photometric values	
Illuminant type	RGBL LED
Luminous flux	9000 lm
Beam/Field angle	Beam: 4.6° (hor.) x 25.5° (vert.) / Field: 7.6° (hor.) x 36.5° (vert.)
LED PWM frequency	650 Hz, 1,530 Hz, 3,600 Hz, 12 kHz, 18.9 kHz, 25 kHz
Dimmer resolution	16 Bit
Dimmer curves	Linear, Exponential, Logarithmic, S curve

Colours	
LED colours	Red, Green, Blue, Lime
Correlated colour temperature (CCT)	1800 – 10000 K
Halogen simulation redshift/DTW	Yes
Calibration	User defined calibration, Smart calibration
Colour rendering index (CRI)	> 85

Movement	
Tilt	208 °

Control	
Controller protocols	DMX512, CRMX, W-DMX™ (Transceiver), RDM, sACN, Art-Net
Data in connector	XLR 5-pole male
Data out connector	XLR 5-pole female

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Mains operation	
Operation voltage	100 V AC - 240 V AC / 50 - 60 Hz
Rated power	730 W
Mains connector	Mains plug device outdoor male & TRUE1®
Mains fuse	T8A/250 V
Power out connector	Mains plug device outdoor female & TRUE1®

Housing	
Cabinet material	Magnesium
Colour	Black

Cooling	
Cooling system	Fan cooling
Cooling modes	Auto, Off, Constant High, Constant Mid, Constant Low

Environmental	
Protection class	IP65
Ambient temperature	-15 – 45 °C

Dimensions & weight	
Width	1001 mm
Height	300 mm
Depth	187 mm
Weight	25.8 kg

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