

OTOS® LC12

IP65 MOVING BAR



DESCRIPTION

The OTOS® LC12 sets the wash portfolio in motion – and elevates lighting design to a new level. With twelve individually tiltable 50 W RGBL lenses, it transforms light into flowing shapes and creates spectacular motion effects that make shows lively and immersive.

The RGBL colour mixing system ensures brilliant colours and strong white, while the wide CCT range of 1,800 to 10,000 K allows for the flexible adjustment from warm to cool white light. Complemented by the integrated FX strip, the result is a versatile tool that can be used for atmospheric moods as well as powerful show effects.

The IP65-certified housing makes the LC12 the perfect choice for outdoor stages and demanding tour productions. Set-up is quick and safe thanks to each head that tilts up to 206° ($\pm 103^\circ$), as well as the individual zoom, quick-lock mechanism, ergonomic handles, and tilted display. Paired with the OTOS® Wash and Linear models, the LC12 opens up new possibilities for continuous, moving light landscapes.

FEATURES

- 12 individually tiltable and zoomable 50 W moving heads with RGBL colour mixing system
- Tilt range per head: 206° ($\pm 103^\circ$) – for dynamic motion effects
- Zoom range per head (single lens zoom) for flexible lighting design
- Integrated FX strip (such as L16 and OTOS Wash FX rings)
- Creates linear curve effects for kinetic beam looks and eye-catching front light
- 1,800–10,000 K CCT range, CRI > 85
- IP65 protection for outdoor and touring applications
- Quick-lock mechanism and strategically placed handles for efficient handling
- Weight: approx. 31 kg

SPECIFICATIONS

Photometric values	
Illuminant type	RGBL LED
Luminous flux	6700 lm
Beam/Field angle	Beam: 3.3° (hor.) x 29.7° (vert.) / Field: 5.3° (hor.) x 40.5° (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	206 °

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	770 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
Risk group	2
Ambient temperature	-15 – 45 °C

Dimensions & weight

Width	1000 mm
Height	330 mm
Depth	187 mm
Weight	31.5 kg

Other properties

Included Accessories	Mains cable, Mounting bracket, Tilt Lock Cover
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