OTOS® W12
IP65 WASH MOVING HEAD

FEATURES

▶ 32 x 50W RGBL-LED with a total output of 19,500 lm luminous flux

▶ Single pixel control

▶ Controllable FX LED effect ring

▶ Zoom lens and zoom range 4° - 60°

▶ Multi-zoom enables three individually controllable zoom levels

▶ Dual input mode as option for pixel mapping

▶ Flexible control options via integrated W-DMX™ & CRMX transceiver, DMX and RDM

DESCRIPTION

With vibrant accents, the wash products in the OTOS® series enrich outdoor concert and festival stages as well as major TV show productions. Three multi-faceted eye-catchers, rich in features that are an absolute must.

Versatile zoom levels

As the largest IP65 wash moving head in its series, the OTOS® W12 fascinates with its multi-zoom feature. It enables three different levels to be controlled individually and the zoom range to be adjusted on several levels. This feature can be used on two zoom levels with the OTOS® W6 and on one level with the OTOS® W3.

FX LED effect ring

All models have the controllable FX LED effect ring in common, which can shine both in white tones and in a wide range of colours. The effect ring is barely visible when the device is switched off as it has a narrow width and therefore fits discreetly into the stage design.

Single Pixel Control & Dual Input Mode

Depending on the size of the product, either 7 x 50W, 16 x 50W or 32 x 50W RGBL LEDs are available, which can be controlled individually using Single Pixel Control. - The FX effect LED ring also has a large number of pixels, which can also be controlled individually. For more efficient use of the DMX channels, you can also use the dual input mode, which allows you to assign a separate colour to each pixel via pixel mapping.

Flexible control options

All IP65 wash moving heads in the OTOS® series have an integrated W-DMX™ & CRMX transceiver, but can also be controlled by cable via DMX and RDM.
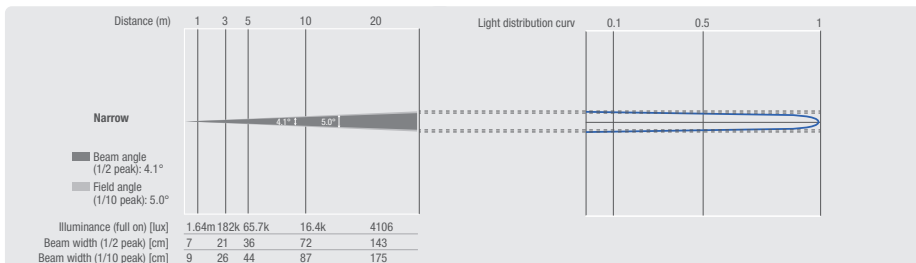
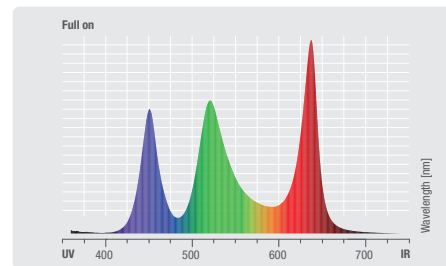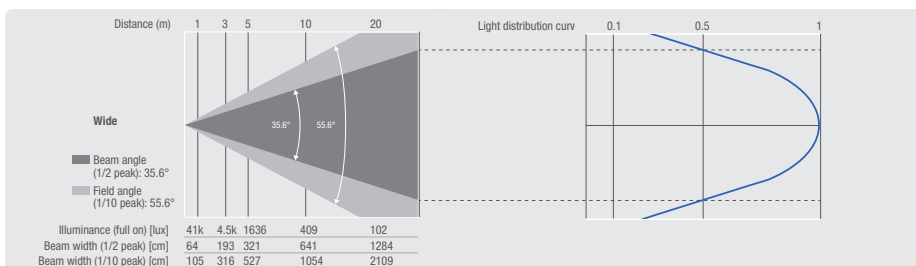Three options that will spice up your shows.
Decide now and „Ride vibrant".

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cameo®

PHOTOMETRICAL DATA

	Luminous flux	Chromaticity coordinates	CCT	R$_a$
Full on	11133 lm	x 0.321 y 0.353	1.8K - 8.2K	85
Red (calibrated)	2090 lm	x 0.695 y 0.301	-	-
Green (calibrated)	5498 lm	x 0.162 y 0.713	-	-
Blue (calibrated)	975 lm	x 0.153 y 0.030	-	-
Lime (calibrated)	7865 lm	x 0.419 y 0.538	-	-
3200K (calibrated)	9151 lm	x 0.433 y 0.417	-	85
5600K (calibrated)	9975 lm	x 0.339 y 0.359	-	80

SPECIFICATIONS

Item number	CLOTOSW12
Product category	LED wash moving light
Type	Moving head
Light source centre LED	32 × 50 W LED
Colour mixing centre LEDs	RGBL
Number of ring segments	98
Colour mixing ring LEDs	RGB
Pan angle	Adjustable: 630° / 540°
Tilt angle	241
LED PWM	650 Hz, 1530 Hz, 3600 Hz, 12 kHz, 18.9 kHz, 25 kHz
Dimmer resolution	16-bit
Dimmer curves	Linear, exponential, logarithmic, S-curve
Calibration	Yes
CRI	>85
Luminous flux	19500 lm
Illuminance	16,200 lx (10 m, narrow)
Beam angle / field angle	4–45° / 10–60°
CCT	1800–10,000 K
Control protocols	DMX, RDM, W-DMX, CRMX
Data connections	5-pin XLR male + female; 2× RJ45
DMX modes	24CH RGBL Effect 23CH HSI Wash 24CH RGBL Wash 8bit 28CH RGBL Wash 40CH HSI Pattern 50CH RGBL Pattern 57CH RGBL Rings 165CH RGBL Pixel 445CH RGBL Pixel Full 13CH Dual Input 23CH Dual Input 29CH Dual Rings
DMX functions	Pan (fine); tilt (fine); dimmer (fine); strobe functions, RGBL (fine); hue (fine); saturation; colour temperature; tint; colour presets; colour crossfade; ring dimmer; ring RGB; ring strobe, ring pattern selection; ring pattern speed; pat

DMX functions	ring strobe, ring pattern selection; ring pattern speed; pattern folder; pattern selection; pattern position and speed; pattern transition; pattern fade/wake effect; background dimmer (fine); background strobe; background RGBL; background hue (fine); background saturation; background colour temperature; background tint; background colour presets; background colour crossfade; zoom; LED control crossfade; device settings; RGBL; ring RGB
Stand alone	Scene, loop
System settings	Display; dimmer; colour calibration; movement; fan; signal fail; pixel mirror
Display / indicators	LC display
IP rating	IP65 for temporary outdoor use
Ambient temperature rating	−10–40° C
Cooling system	Temperature-controlled fans
Operation voltage	100–240 V AC / 50–60Hz
Max. power consumption	1400 W
Fuse	T 16 A / 250 V
Power connection	Seetronic IP65
Power link	No power link
Max. power out (110 V)	n.a.
Max. power out (230 V)	n.a.
Housing	Metal
Risk group	1
Minimum distance to illuminated surface	3 m
Minimum distance to normal flammable materials	0.5 m
Dimensions (W × H × D)	See graphics
Weight	31.8 kg

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DIMENSIONS (mm)

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