

# EVOS® W7

## LED WASH-MOVING HEAD



### FEATURES

- ▶ Wash-Beam Moving Head with 900 W output for 12,500 lm luminous flux
- ▶ Light intensity of 96,000 lx @ 1 m
- ▶ 19 full-color 40 W RGBW LEDs
- ▶ Precise color reproduction with CRI > Ra 90
- ▶ Individual control of all LEDs (Single Pixel Control)
- ▶ Zoom range of 4.5° to 34° (beam) / 7° to 55° (field)
- ▶ Adjustable refresh rate of between 800 Hz and 25 kHz
- ▶ Control via DMX, RDM Art-Net3, sACN or KlingNet
- ▶ Intuitive rotary encoder for easy configuration
- ▶ Includes Beam Shaper for asymmetrical beams

### DESCRIPTION

If you're looking for a particularly natural-looking LED light for effects and lighting, then this professional WashBeam is the right choice. The warm white LED allows you to blend attractive warm pastel shades, and also delivers a wonderful warm white light for lighting people/objects/etc. The Cameo EVOS W7 WashBeam Moving Head with Single Pixel Control and Beam Shaper for asymmetrical beams is especially designed for rental companies with demanding professional customers. A total of 19x 40 W RGBW LEDs produce rich colors for breath taking lighting effects. Compared to other devices, the Cameo EVOS W7 offers a particularly high color reproduction index. The warm white chip can be used to light people or objects - either with naturally warm white light or as mood lighting in pastel shades. This versatility results from the unique combination of a full-color LED with a WW chip, which generates extremely clearly defined white tones with a CRI above Ra 90.

Providing individual control of all LEDs by means of Single Pixel Control, the Cameo EVOS W7 WashBeam Moving Head produces breath taking pixel effects. The powerful luminous flux of 12,500 lumen floods any event with warm, bright light in clearly defined colors and delivers generous coverage up to 540° horizontally (pan) and 270° vertically (tilt). Its versatility is further enhanced by an impressive zoom range of 4.5° to 55°, which facilitates powerful beam and large-area wash effects. The directional light beams can also be asymmetricaly shaped using the included Beam Shaper.

Live broadcast images of your event are guaranteed to be flicker-free because the WashBeam Moving Head's refresh rate can be adjusted in six stages between 800 Hz and a maximum of 25 kHz.

Software control via a network is highly flexible with DMX, RDM Art-Net3, sACN or KlingNet. Further effect devices in the network are looped through via 3 or 5-pin XLR sockets and the DMX mode is available in 16, 18, 23, 33, 43 and 97 channel versions to transmit the extremely extensive range of DMX functions: pan/tilt, pan/tilt fine, dimmer, dimmer fine, stroboscope 0-20 Hz, zoom, zoom fine, single pixel control, pattern, effect pattern, color presets (LEE filter) and motion macros. Independent operation and mains-independent configuration in Auto Program and Static Mode are carried out via the intuitive encoder with battery-powered graphic display. Preset color filters allow problem-free use in combination with conventional headlamps.

The black housing is made of environmentally-friendly, fire-retardant ABS, nylon and PC plastic and features temperature-controlled fans, a mains power connection with a Neutrik TrueOne plug and an integrated 1 m mains cable.



Features and specifications  
subject to change without notice.

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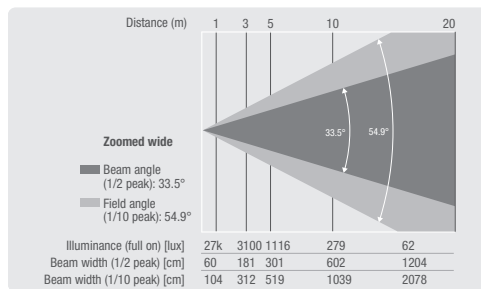
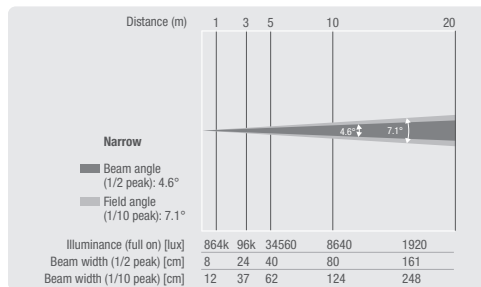
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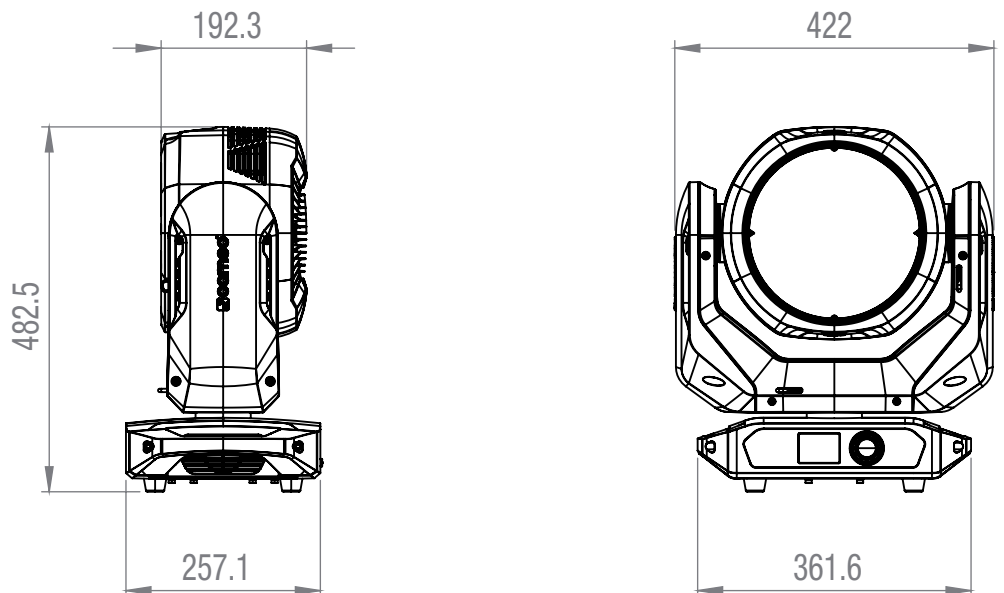
### PHOTOMETRICAL DATA

	Luminous flux	Chromaticity coordinates	CCT	R <sub>a</sub>
Full on (narrow)	6270 lm	x 0.31 y 0.34		
Full on (wide)	12291 lm			
Red	1890 lm	x 0.683 y 0.298		
Green	4622 lm	x 0.180 y 0.595		
Blue	777 lm	x 0.16 y 0.04		
Warm white	3214 lm	x 0.315 y 0.34	3000k	78
3200k calibrated				96
5600k calibrated				94



### SPECIFICATIONS

Product type	LED Moving Lights
Type	Moving Head
Color spectrum	RGBWW
Number of LEDs	19
LED type	40 W RGBW
Refresh rate	800 Hz, 1200 Hz, 2000 Hz, 3600 Hz, 12 kHz, 25 kHz - adjustable Hz
Dispersion	Beam Angle: 4.5 ° - 34 °, Field Angle: 7 ° - 55 °
DMX input	Network, XLR 3-pin male, XLR 5-pin male
DMX output	Network, XLR 3-pin female, XLR 5-pin female
DMX mode	16-channel, 18-channel, 23-channel, 33-channel, 43-channel, 87-channel
DMX Functions	Color presets, Device Settings, Dimmer, Dimmer Fine, Effect patterns, Motion Macro, Pan/Tilt, Pan/Tilt fine, Patterns, Single Pixel Control, strobe, Zoom, Zoom Fine
PAN movement	540 °
TILT movement	270 °
Control	Art-Net3, DMX512, KlingNet, RDM enabled, sACN
Standalone modes	Auto programs, Static
Controls	Encoder wheel
Indicators	Backlit color LCD display, Battery supply for mains-independent system settings (automatically rechargeable battery)
Operating voltage	100 V AC - 240 V AC, 50 - 60 Hz
Power consumption	900 W
Fuse	T10AL 250 V
Power connector	Neutrik TrueOne Input
Housing material	Environment-friendly fire-retardant ABS, nylon and polycarbonat
Cabinet color	Black
Luminous flux	12500 lm
Width	421 mm
Height	257 mm
Depth	482.5 mm
Weight	22,717 kg
Height	240 mm
Length	254 mm
Weight	8.2 kg
Mounting points	1 pair or 2 pairs of 1/4-turn locking points 2 x omega brackets with 1/4-turn quick locks
Working Position	Any (360°) safety cable attachment point



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