



G·Wash

RGB LED Moving Head



Description

The G-Wash is a multi-environmental, maintenance-free RGB LED moving head with an IP65-rating. With one of the widest zoom ranges ever seen in a Fresnel-based wash luminaire, the G-Wash is able to create extremely bright colors from long distances with noiseless operation and accurate beam distribution. The integrated dehumidifier of the G-Wash ensures perfect inner cleanness of the luminaire and no accumulation of dust or externally induced impact on internal optics, gobos, or the light source unit.

Features and benefits

- ✓ High-power IP65 RGB Fresnel LED light source
- ✓ 13500 lumen and 9° to 73° zoom range
- ✓ DMX, RDM, and wireless control
- ✓ Ultra-high-speed strobe effect
- ✓ Practically maintenance-free and silent performance
- ✓ Optional rotating and indexable beam shaper
- ✓ 2000K - 10000K CTC control, no hotspots
- ✓ Flicker-free / Programmable scenes

Certifications & classifications

IP65

RoHS

CE



Specification

Optical Data	Fresnel lens diameter	200 mm
	LED expected lifetime	50,000 hours
	Lightsource	High-power RGB LED
	Zoom	Motorized
	Zoom range	9° to 73°
Photometric	Color temperature range	2000K - 10000K
	Efficacy	19 lm/W
	Light output all LEDs on	13500 lm
	Light output blue	1400 lm
	Light output green	3800 lm
	Light output red	3800 lm
	Lux @ 10m	2593 lux
Physical	Color options	Black - RAL 9004 Custom color - Any RAL White - RAL 9010
	IP class	IP65
	Lens material	Tempered glass front
	Material	Aluminium Plastic PA6.6 Steel
	Net dimensions	585 x 821 x 492 mm
	Net dimensions inches	23 x 32.3 x 19.4 inches
	Net weight	49 kg (108 lbs)
Features	Beam shaper	Rotating and indexable
	Dehumidifier	Base / Head
	Dimming	Electronic
	Pan	540°
	Strobe	Ultra-high-speed strobe effects
	Tilt	270°
	Variable aperture	Intensity optimized / projection optimized
Electrical	AC power, max.	190 - 264V 50/60Hz
	AC Power, nominal	208 - 240V 50/60Hz
	Electrical Protection	Overload protection
	Main fuse	T12A - 250V

	Max Inrush Current 230VAC	30 A
	Max power consumption	1050 W
	Power factor	0.99 PF (230 V) PF (230V)
	Power Supply Unit	Auto-ranging electronic switch-mode
	Standby power consumption	70 W
	Typical power consumption	750 W
Programming and Control	16-bit control	Dimmer, colors, pan/tilt, zoom, beam shaper
	Cabled DMX	5 pin XLR input/output
	DMX channels	16 or 19
	DMX modes	2
	Protocol	USITT DMX512A Wireless DMX (LumenRadio) RDM ANSI E1.20
	Setting and addressing	Control panel OLED graphical display / 4 buttons RDM ANSI E1.20 RFID
	Standalone mode	Up to 24 programmable scenes
	Wireless DMX	Lumen Radio with RDM
Connections	DMX data in/out	IP65 XLR 5-pin cable, 0,2 m (7.8 in)
	Power	Power input connector
Installation	Mounting point	4 x 2 quarter-turn locking points
	Orientation	Any
	Rigging possibilities	Hanging (Omega Brackets included)
	Safety features	2 attachment points for safety wire Minimum distance to combustible materials: 0.3 meter (11 in).
Thermal	Cooling	Active, Forced Air, Temperature-regulated
	Humidity (max.)	98 %
	Temperature range, Operating	-40°C to 50°C
	Temperature range, Start-up	-20°C to 50°C
	Temperature range, Storage	-40°C to 80°C
	Thermal Protection	Automatic overtemperature protection
Included items	Included items	2 Omega bracket with quater-turn fasteners 2 m power cable Safety instructions and installation quick guide

Conforms To

CE - 2014/30/EU: EMC Directive	EN 55103-1 EN 55103-2 EN 61000-3-2 EN 61000-3-3
CE - 2014/35/EU: Low Voltage Directive	EN 60598-1 EN 60598-2-17 EN 62471 EN 60529
RoHS2 Directive	2011/65/EU
UL	UL Std. 1573

Certified To

CSA	CSA E60598-1, Ed: 2 CSA-E598-2-17-98, Ed: 1
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NOTES:

Due to continuous improvements and innovations, specifications may change without notice.

LEDs' expected lifetime provided by manufacturer and obtained under manufacturer's test conditions.

Zoom range defined as a minimum beam angle to a maximum field angle.

Photometric measurements obtained with Goniometer Scan / SGM Illumination Lab 1.6.0.0.

Lumen output in pixel products is calculated.

Ordering information

Qty	Product name	Item number
☐	G-Wash Moving Head, Std, BL	80021101
☐		
	Accessories	Item number
☐	Omega Bracket with 1/4-turn fasteners	83060602
☐	Single Flight Case for G-Spot series	82051508
☐	Power cable with IP connector	07860275
☐	SGM USB uploader cable	83062011
☐	Vacuum Test Kit	83061136
☐	A-4	80070217
☐	RDM Addressing Tool	
☐	Single flightcase G-Spot Turbo, with labels	
☐	Single flightcase G-spot, with labels	
☐		



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