

# 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

<b>Optical Data</b>	Fresnel lens diameter	200 mm
	LED expected lifetime	50,000 hours
	Lightsource	High-power RGB LED
	Zoom	Motorized
	Zoom range	9° to 73°
<b>Photometric</b>	Color temperature range	2000K - 10000K
	Efficacy	14 lm/W
	Light output all LEDs on	13500 lm
	Light output blue	1400 lm
	Light output green	3800 lm
	Light output red	3800 lm
<b>Physical</b>	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)
	<b>Features</b>	Beam shaper
Dehumidifier		Base / Head
Dimming		Electronic
Pan		540°
Strobe		Ultra-high-speed strobe effects
Tilt		270°
Variable aperture		Intensity optimized / projection optimized
<b>Electrical</b>	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
<b>Programming and Control</b>	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
<b>Connections</b>	DMX data in/out	IP65 XLR 5-pin cable, 0,2 m (7.8 in)
	Power	Power input connector
<b>Installation</b>	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).
<b>Thermal</b>	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
<b>Included items</b>	Included items	2 Omega bracket with quarter-turn fasteners 2 m power cable Safety instructions and installation quick guide

<b>Conforms To</b>	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 UL	2011/65/EU UL Std. 1573
<b>Certified To</b>	CSA	CSA E60598-1, Ed: 2 CSA-E598-2-17-98, Ed: 1

**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

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
IP Power Cable	07860040
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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