

# G·4 Wash POI

Micro-Fresnel LED light



## Description

The G-4 Wash POI is a lightweight and compact fresnel projector, capable of outstanding color rendering and remarkable output. The optical system is designed to deliver a staggering brightness for a fixture with such a small footprint and a perfect color mix with a completely even field and no hotspots. Because of its wide zoom range, qualified color reproduction, accurate color temperature control, and low power consumption, the G-4 Wash POI is a very flexible moving light suitable for any application.

## Features and benefits

- ✓ High-power LED Fresnel Wash projector with best-in-class color rendering index
- ✓ Accurate zoom range from 9° beam angle to 76° field angle
- ✓ Flicker-free / programmable scenes / continuous pan movement / DMX, RDM, and wireless control
- ✓ Corrosion class C5-M (marine) makes it ideal for coastal and offshore installations
- ✓ 2000K - 10000KCTC linear control with superb color mixing based on Red, Green, Blue, Amber, and Mint LEDs
- ✓ Ideal for medium sized installations such as entrance features, signage, landscapes, cruises, and beaches
- ✓ 5-year warranty
- ✓ IP66-rated and patented built-in dehumidifier for a practically maintenance-free luminaire

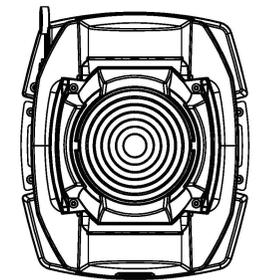
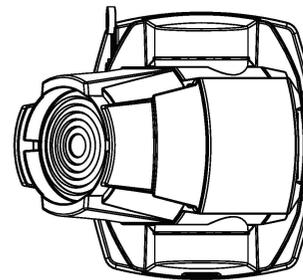
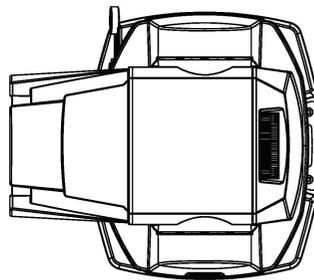
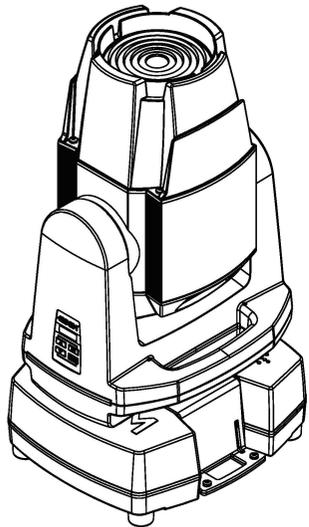
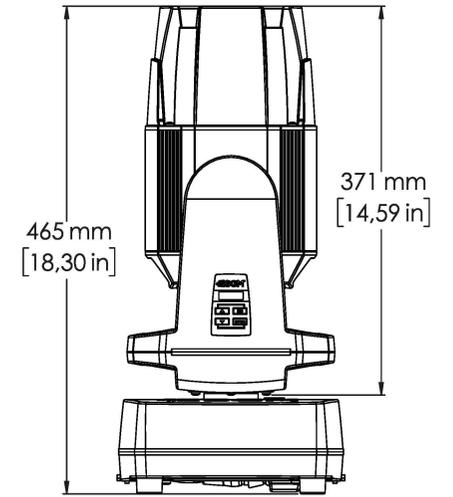
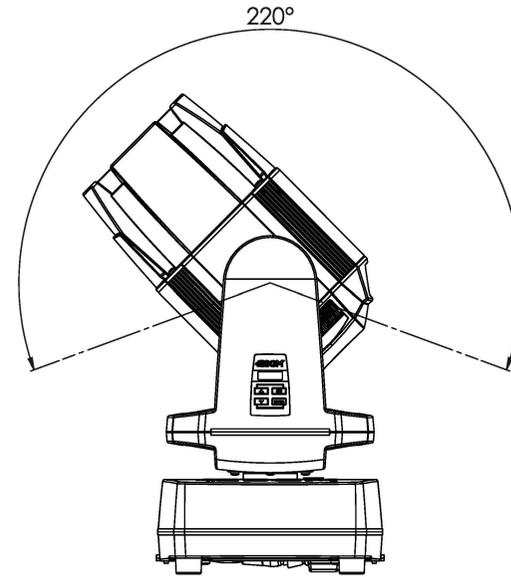
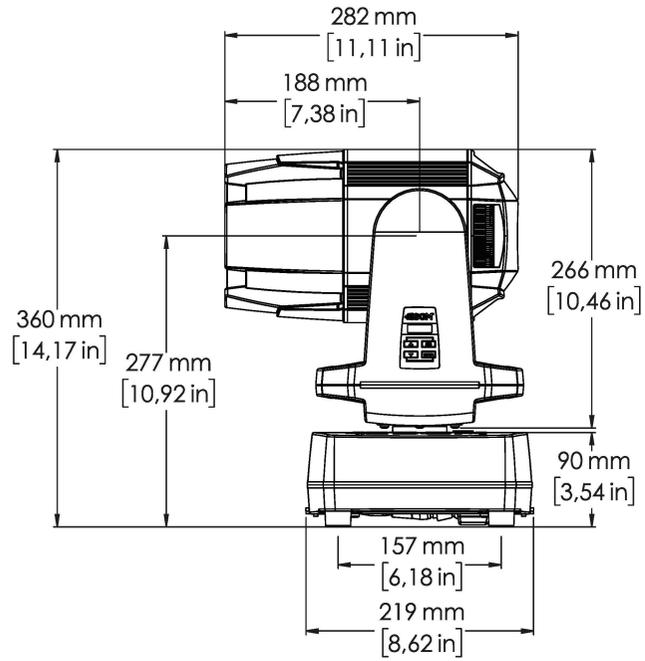
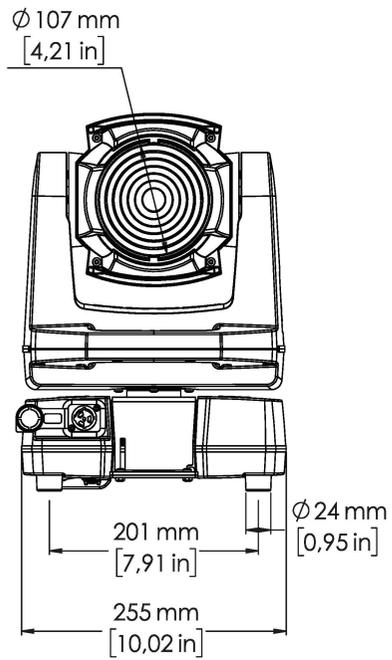
## Certifications & classifications

IP66

RoHS

CE

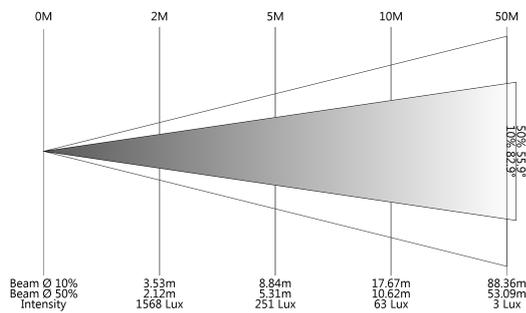




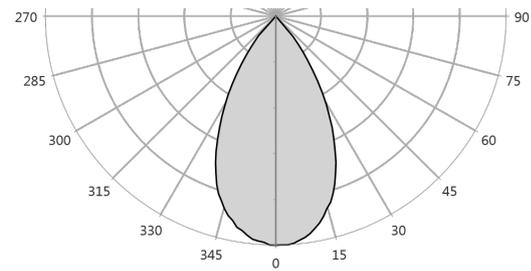
**Manufacturer** SGM  
**Luminaire** G-4 Wash max All on raw peak  
**Measurement Date** 24-09-2017  
**Power Consumption** 197 W  
**Light Output** 5 244 lm  
**Field Angle** 82.9 deg  
**Beam Angle** 55.9 deg  
**CRI** 90  
**Color Temperature** 6 359 K



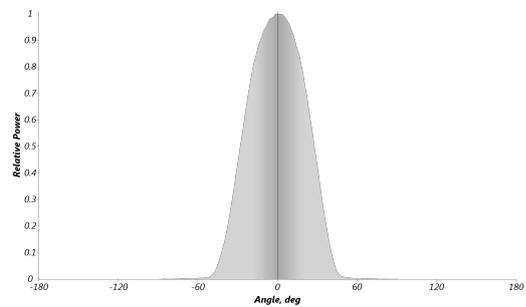
Lux Diagram



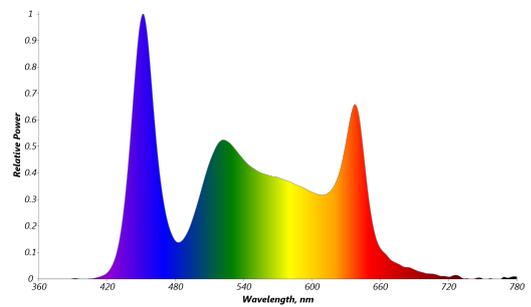
Polar Distribution



Beam Profile



Spectral Distribution



# Specification

<b>Optical Data</b>	Fresnel lens diameter	112 mm
	LED expected lifetime	50,000 hours
	Lightsource	5 color 150 W
	Zoom	Motorized
	Zoom range	9° to 76°
<b>Photometric</b>	Color temperature range	2000K - 10000K
	CQS typical	91
	CRI @ 3200K	94
	CRI @ 5600K	92
	CRI typical	92
	Efficacy	37 lm/W
	Light output all LEDs on	7265 lm
	Light output blue	264 lm
	Light output green	1103 lm
	Light output red	524 lm
	Lux @ 10m	757 lux
	Lux @ 3m	7720 lux
	Lux @ 5m	3027 lux
	Maximum Beam Angle	52 °
	Maximum Field Angle	78 °
	Minimum Beam Angle	9 °
	Minimum Field Angle	20 °
	RF typical (TM-30-15)	89
	TLCI @ 3200K	87
TLCI @ 5600K	93	
TLCI typical	90	
<b>Physical</b>	Color options	Black - RAL 9004 Custom color - Any RAL White - RAL 9010
	Corrosion class	C5-M (ISO 12944)
	IP class	IP66
	Lens material	Tempered glass front
	Material	Aluminium PC/ASA Plastic Rubber Steel
	Net dimensions	219 x 465 x 255 mm
	Net dimensions inches	8.6 x 18.3 x 10 inches

	Net weight	10 kg (22.1 lbs)	
<b>Features</b>	Dehumidifier	Head	
	Dimming	Electronic	
	Emulation mode / effect	Color Filter Emulation	
	Pan	Endless	
	Pan modes	360° 360° Shortest path 540° Continues CCW Continues CW Endless	
	Power / DMX indicator	Head	
	Strobe	Ultra-high-speed strobe effects	
	Tilt	220°	
<b>Electrical</b>	AC power, max.	90 - 264V 50/60Hz	
	AC Power, nominal	100 - 240V 50/60Hz	
	Electrical Protection	Overload protection with automatic recover	
	Max Inrush Current 230VAC	40 A	
	Max power consumption	250 W	
	Power Supply Unit	Auto-ranging electronic switch-mode	
	Standby power consumption	18 W	
Typical power consumption	200 W		
<b>Programming and Control</b>	16-bit control	Dimmer, colors, pan/tilt	
	DMX channels	18	
	DMX modes	1	
	Protocol	USITT DMX512A RDM ANSI E1.20	
	Setting and addressing	RDM ANSI E1.20	
<b>Connections</b>	DMX data in/out	5 meter cable for DMX in and out	
	Power	Power cable 5 meter with bare ends	
<b>Installation</b>	Mounting point	2 M-10 locking points (suitable for one optional POI Omega bracket)	
	Orientation	Any	
	Rigging possibilities	Hanging / horizontal mounted or ceiling / wall mount (optional)	
	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	Safety instructions and installation quick guide 2 M-10 screws
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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

Product name	Item number
G-4 Wash, POI, BL	80101401
G-4 Wash, POI, BL, Ceiling mount	80101402
G-4 Wash, POI, WH	80101501
G-4 Wash, POI, CU	80101601
Accessories	Item number
SGM USB uploader cable	83062011
Vacuum Test Kit	83061136
G-4 Wash/S-4 Fresnel Top Hat	83061150
Omega Bracket POI	83060623
RDM Addressing Tool	



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