G·1 Wash POI

RGBW LED Projector

Description

The G-1 Wash POI is the ideal companion for the G-1 Beam POI and perfect for any type of permanent outdoor installation as well as smaller outdoor venues in need of a small moving wash light with high output, uniform colors from a distance, and color calibration to match other SGM fixtures. Despite its small footprint and low power consumption, the optical system provides a remarkable output, delivering staggering brightness and accurate color temperature control with a completely even field and no hotspots.

Features and benefits

✓ Full 'moving head' functionality with continuous pan and 240° tilt

✓ Ideal for coastal and offshore installations such as beach bars and cruise

✓ Fully RDM compatible making es it suitable for non-accessible locations

✓ Cabled DMX with full RDM protocol

✓ The high output makes it suitable for small to medium sized applications such as entrance features, signage, and landscaping

✓ RGBW / no hotspots / ultra-smooth movement / flicker-free / programmable scenes

✓ IP66-rating and corrosion class C5-M (marine)

✓ 5-year warranty

Certifications & classifications

IP66   RoHS   CE   ETL   ECO FRIENDLY

Specification

Optical Data

LED expected lifetime	50,000 hours
Lens angle	8.5 °
Lightsource	19 LEDs total, 4 Red, 4 Green, 4 Blue, 7 White (5.700K)
Native lens options	8.5°

Photometric

Color temperature range	2000K - 10000K
Efficacy	38 lm/W
Lux @ 10m	549 lux
Lux @ 3m	5078 lux
Lux @ 5m	2194 lux

Physical

Color options	Black - RAL 9004 Custom color - Any RAL White - RAL 9010
Corrosion class	CX (C5-M - ISO 12944)
IP class	IP66
Material	Aluminium PC/ASA Plastic Rubber Steel
Net dimensions	219 x 382 x 255 mm
Net dimensions inches	8.6 x 15.1 x 10 inches
Net weight	8.9 kg (19.6 lbs)

Features

Built-in macro effects	50 macros
Color calibration	SGM proprietary, full color calibration
Dehumidifier	Head
Dimming	Smooth fade in, gamma corrected curve
Pan	Endless
Pan modes	360° 360° Shortest path 540° Continuous CCW Continuous CW Endless
Power / DMX indicator	Head
Strobe	Ultra-high-speed strobe effects
Tilt	240°

Electrical	DC voltage, nominal	24 VDC
	Electrical protection	Overload protection with automatic recover
	Input voltage, absolute max. rating	90 - 264 VAC; 50 / 60 Hz
	Input voltage, nominal	100 - 240 VAC; 50 / 60 Hz
	Max inrush current 230VAC	35 A
	Max power consumption	55 W
	Power Supply Unit	Auto-ranging electronic switch-mode
	Standby power consumption	7 W

Programming and Control	16-bit control	Dimmer, pan and tilt
	DMX channels	13
	DMX modes	1
	Protocol	USITT DMX512A RDM ANSI E1.20
	Setting and addressing	RDM ANSI E1.20

Connections	Data cable diameter	6,5 mm +/- 0,2 mm
	DMX data in/out	5 meter cable for DMX In and DMX Thru (permanently wired)
	Power	Power cable 5 meter with bare ends (permanently wired)
	Power cable diameter	8,5 mm +/- 0,3 mm

Installation	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).

Thermal	Cooling	Passive
	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
	Total heat dissipation, max power	187.7 BTU per hour
	Total heat dissipation, standby	23.9 BTU per hour

Included items	Included items	Safety instructions and installation quick guide 2 M-10 screws

Battery	Battery option	YES
Conforms To	CE - 2014/30/EU: EMC Directive	EN 55103-1 EN 55103-2 EN 55015 EN 61547 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

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-1 Wash, POI, WH, Ceiling mount	80100417
☐	G-1 Wash, POI, BL	80100401
☐	G-1 Wash, POI, CU	80100421
☐	G-1 Wash, POI, CU, Ceiling mount	80100427
☐	G-1 Wash, POI, WH	80100411
☐	G-1 Wash, POI, BL, Ceiling mount	80100407
☐		

Qty	Accessories	Item number
☐	Vacuum Test Kit	83061136
☐	RDM Addressing Tool	
☐	Omega Bracket POI	83060623
☐	SGM USB uploader cable, POI	83062067
☐		