G·1 Beam POI

LED Projection Luminaire

Description

The ultra-compact G-1 Beam POI is the perfect luminaire for permanent outdoor installations that require crisp and narrow beams. Its lightweight and compact design provides a unique solution for entrance features, signage, landscape, cruise ships, and beach installations. Despite the small physical footprint and just 50W power consumption, this compact projector with full 'moving head' functionality cuts through anything, providing extreme brightness and high contrast levels. Alongside the motorized focus and an optional remote base feature, the G-1 Beam POI offers an unsurpassed variety of effects with both a color wheel and a gobo wheel for powerful mid-air effects.

Features and benefits

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

✓ Ultra compact with freedom to create stage and clubbing effects even at the most unexpected outdoor locations

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

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

✓ 6,500K white / no hotspots / razor-sharp beam / ultra-smooth movement / flicker-free / programmable scenes

✓ Ideal to create dynamic effects in small or medium sized applications
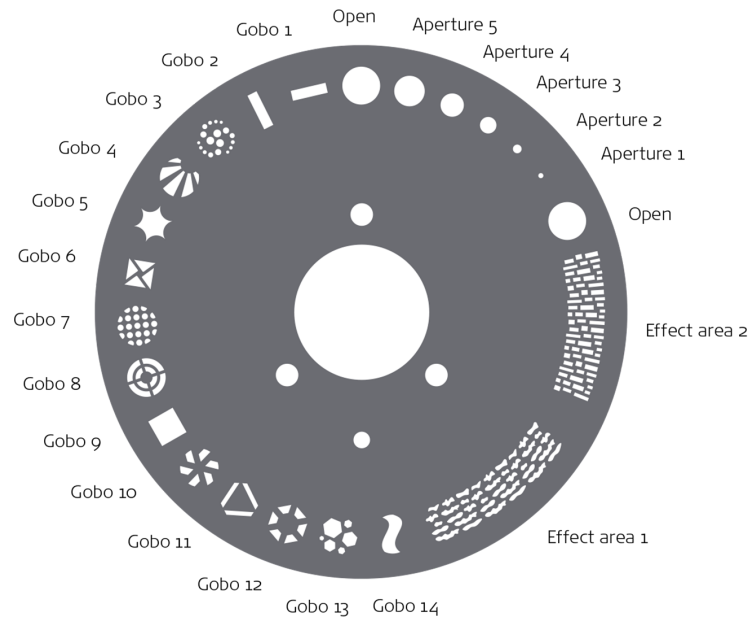
✓ Cabled DMX with full RDM protocol

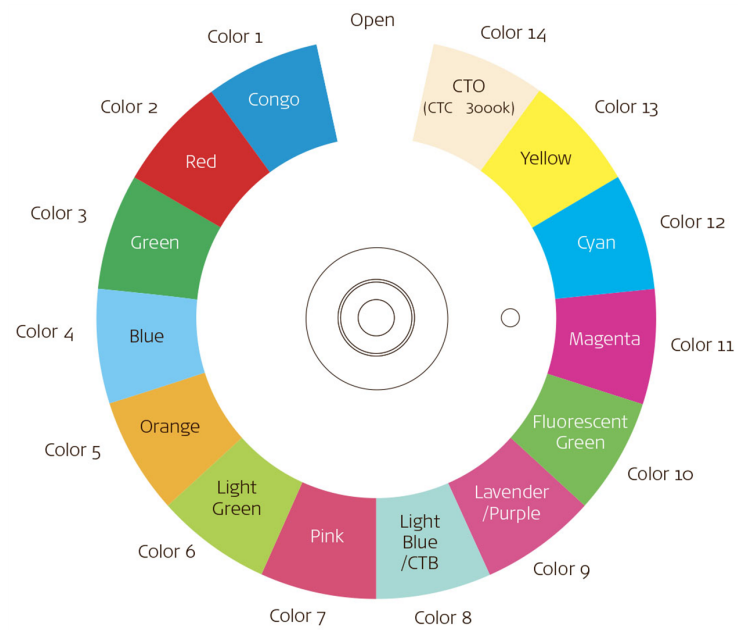✓ 5-year warranty

Certifications & classifications

IP66   RoHS   CE   ETL us   ECO FRIENDLY

Gobo wheel

Open
Gobo 1
Gobo 2
Gobo 3
Gobo 4
Gobo 5
Gobo 6
Gobo 7
Gobo 8
Gobo 9
Gobo 10
Gobo 11
Gobo 12
Gobo 13
Gobo 14
Aperture 5
Aperture 4
Aperture 3
Aperture 2
Aperture 1
Open
Effect area 2
Effect area 1

Color wheel

Open
Color 1 — Congo
Color 2 — Red
Color 3 — Green
Color 4 — Blue
Color 5 — Orange
Color 6 — Light Green
Color 7 — Pink
Color 8 — Light Blue /CTB
Color 9 — Lavender /Purple
Color 10 — Fluorescent Green
Color 11 — Magenta
Color 12 — Cyan
Color 13 — Yellow
Color 14 — CTO (CTC 3000k)

Specification

Optical Data	LED expected lifetime	50,000 hours
	Lens angle	2.8 °
	Lightsource	High-power white LED (6,500K)
	Native lens options	2.8°

Photometric	Color temperature	6500K
	Efficacy	14 lm/W
	Lux @ 10m	4792 lux
	Lux @ 3m	53244 lux
	Lux @ 5m	19168 lux
	Maximum beam angle	2.1 °
	Maximum field angle	2.9 °
	Native beam angle(s)	2.8°

Physical	Color options	Black - RAL 9004 Custom color - Any RAL White - RAL 9010
	Corrosion class	CX (C5-M - ISO 12944)
	IP class	IP66
	Lens material	AR-coated glass
	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	White calibration with SGM Color Match selection
	Color wheel	14 colors + open
	Dehumidifier	Head
	Dimming	Smooth fade in, gamma corrected curve
	Gobo wheel (1)	Two oscillation gobo effect areas Gobo shake Continuous scroll CW & CCW 19 gobos + 2 times open
	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	50 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	12
	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	170.6 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 Beam, POI, BL, (excl. Batt)	80100201
☐	G-1 Beam, POI, CU, Ceiling mount	80100297
☐	G-1 Beam, POI, WH	80100211
☐	G-1 Beam, POI, WH, Ceiling mount	80100217
☐	G-1 Beam, POI, CU, (Excl. Batt)	80100291
☐	G-1 Beam, POI, BL, Ceiling mount	80100207
☐		

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

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