



G-1 Beam

White LED Moving Head



TruColor™



ThermalDrive™

Description

The G-1 Beam is the first powerful battery-driven moving head for outdoor use. Its lightweight and compact design provides a fast, easy and accurate solution for stage events, corporate productions, TV sets, car shows and any other installation that needs reliability, versatility and a quick setup. The results are high contrast levels and extreme brightness in a small physical footprint at a low power consumption. The G-1 Beam can be ordered with or without batteries, installed with a remote base, or without any base at all.

Features and benefits

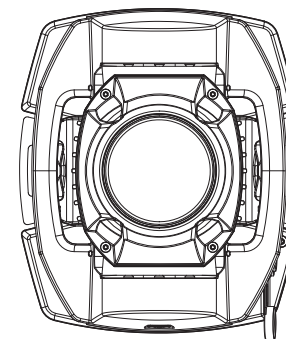
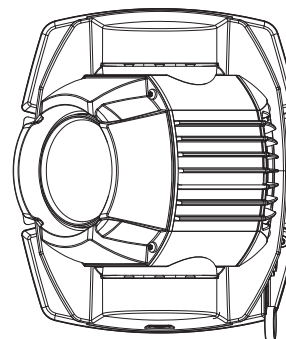
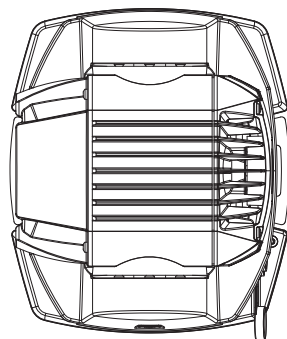
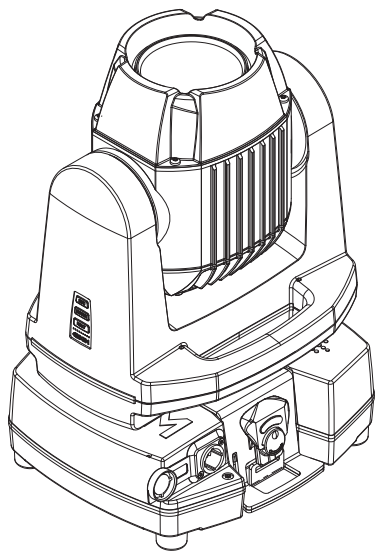
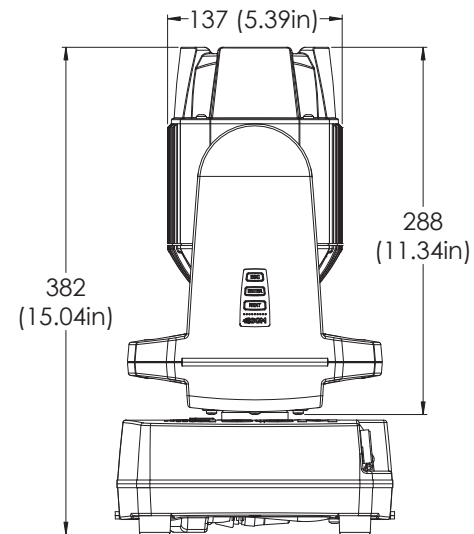
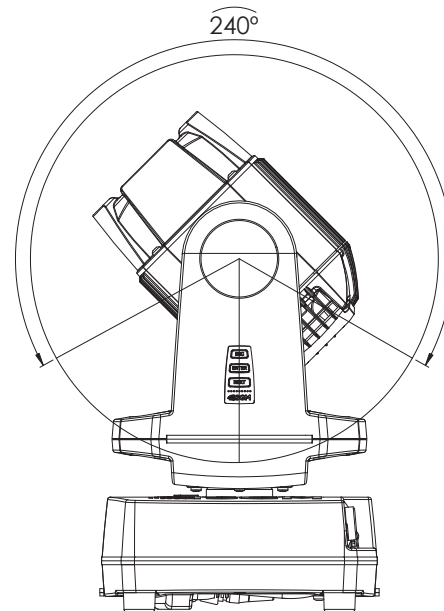
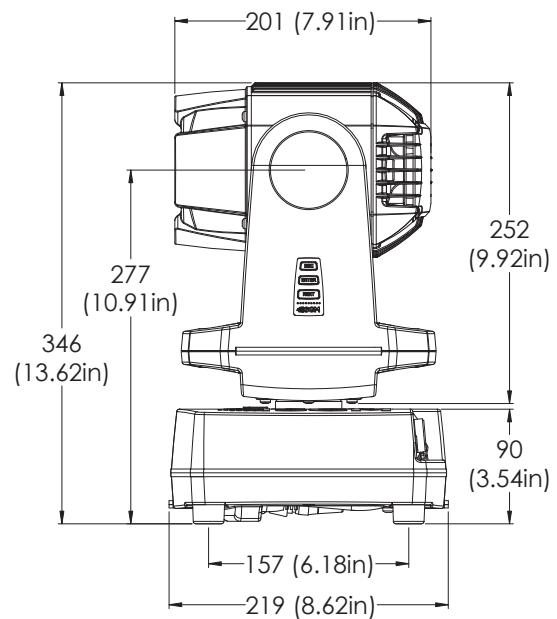
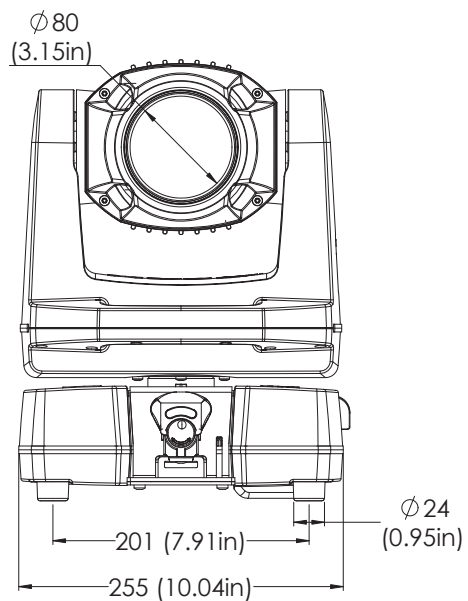
- ✓ Battery-driven IP65 white LED moving head
- ✓ Continuous pan movement, gobo shake, fast strobe
- ✓ 6,500K white, no hotspots
- ✓ Practically maintenance-free and silent performance
- ✓ 2.8° beam angle, 19 gobos, color wheel
- ✓ DMX, RDM and 100% wireless (power and control)
- ✓ Ultra-high-speed strobe effect
- ✓ Flicker-free / Programmable scenes

Certifications & classifications

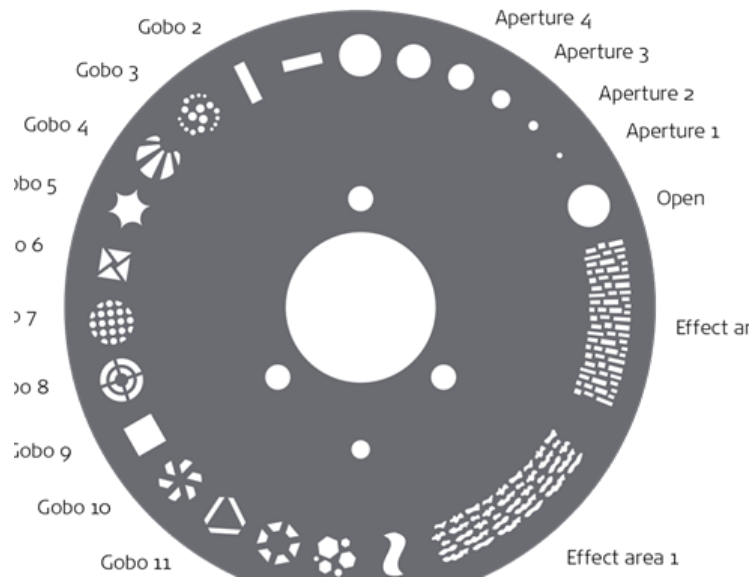
IP65

RoHS

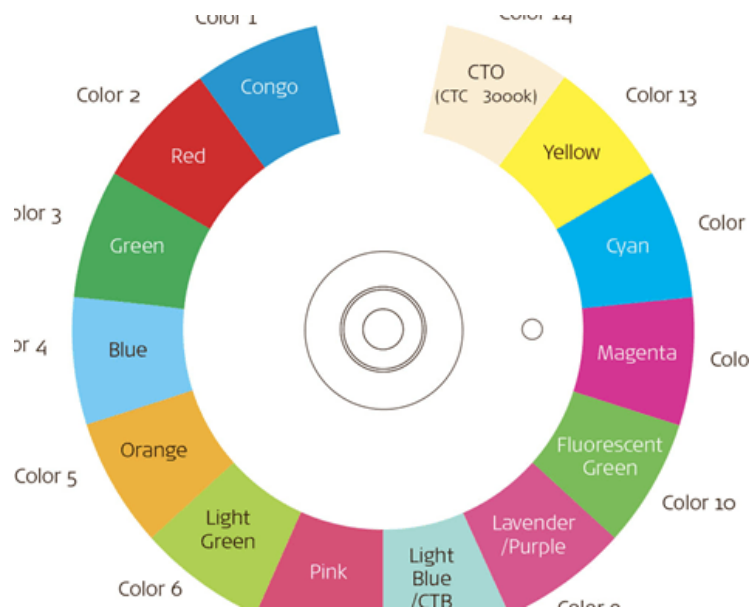




Gobo wheel



Color wheel



Specification

Optical Data	Focus	Motorized
	LED expected lifetime	50,000 hours
	Lens	2.8°
	Lightsource	High-power white LED (6,500K)
	Pseudo zoom range	0.3°
Photometric	Beam angle(s)	0.3° (Aperture pseudo zoom) 2.8°
	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 °
Physical	Color options	Black - RAL 9004 Custom color - Any RAL White - RAL 9010
	IP class	IP65
	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)
	Net Weight Excluding Batteries	8 kg
	Net Weight Excluding Batteries Lbs	17.6
Features	Built-in macro effects	50 macros
	Color wheel	14 colors + open Continuous scroll CW & CCW Split color
	Dimming	Electronic
	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° Continues CCW Continues CW Endless
	Strobe	Ultra-high-speed strobe effects
	Tilt	240°
Electrical	AC power, max.	90 - 264V 50/60Hz
	AC Power, nominal	100 - 240V 50/60Hz
	DC power, nominal	24 VDC
	Electrical Protection	Overload protection with automatic recover
	Max Inrush Current 230VAC	35 A
	Max power consumption	50 W
	Power Supply Unit	Auto-ranging electronic switch-mode
	Standby power consumption	7 W
	Typical power consumption	40 W
Programming and Control	16-bit control	Dimmer, pan and tilt
	Cabled DMX	5 pin XLR input/output
	DMX channels	12
	DMX modes	1
	Protocol	CRMX, W-DMX™ G2, W-DMX™ G3, W-DMX™ G4, W-DMX™ G4S USITT DMX512A RDM ANSI E1.20
	Setting and addressing	Control panel OLED graphical display / 4 buttons RDM ANSI E1.20 Standalone mode
	Standalone mode	8 Internal Standalone Programs 9 Internal Pan/Tilt Presets
	Wireless DMX	Lumen Radio with RDM
Connections	DMX data in/out	IP65 XLR 5-pin cable, 0,2 m (7.8 in) IP65 XLR 5-pin connector, Male
	Power	Power input connector
Installation	Mounting point	2 quarter-turn locking points for one Omega bracket
	Orientation	Any
	Rigging possibilities	Hanging (Omega Bracket included) 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 25°C
	Thermal Protection	Automatic overtemperature protection
Included items	Included items	2 m power cable 1 Omega bracket with quater-turn fasteners Safety instructions and installation quick guide
Battery	Battery capacity (non-stop)	7 - 9 hours
	Battery capacity (typical use)	12 - 14
	Battery charge time up to 100%	12 - 16 hours
	Battery charge time up to 75%	8 - 12 hours
	Battery Option	YES
	Battery status	Battery level indicator
	Battery type	Lithium-Ion battery
	Memory effect	85% battery capacity after 500 full charge cycles
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, Std, BL, (excl. Batt)	80100101
☐	G-1 Beam, Std, BL, (incl. 3 pcs Batt)	80100103
☐	G-1 Beam, Std, BL, Ceiling mount	80100107
☐	G-1 Beam, Std, WH, (incl. 3 pcs Batt)	80100113
☐	G-1 Beam, Std, WH, (excl. Batt)	80100111
☐	G-1 Beam, Std, WH, Ceiling mount	80100117
☐		
Accessories		Item number
☐	Omega Bracket with 1/4-turn fasteners	83060602
☐	Flight Case for 4 pcs of G-1 Beam	82051004
☐	Flight Case for 4 pcs of G-1 Beam incl. charger	82051005
☐	Battery, Nominal: 21.6 V - Nominal: 3350 mAh	83061709
☐	Battery, Nominal: 21.6V - Nominal: 3350 mAh (2 pcs)	83061710
☐	G-1 Battery Bracket w. screws	40000002
☐	Flight Case charger cable assembly kit (4 pcs)	83062044
☐	Power cable with IP connector	07860275
☐	SGM USB uploader cable	83062011
☐	Vacuum Test Kit	83061136
☐	A-4	80070217
☐	RDM Addressing Tool	
☐		



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