



G-7 BeaSt POI

DualSource LED moving head



Description

The G-7 BeaSt is a dual-purpose moving head specialized in aerial beams and high-power direct view effects. Its glass parabolic reflector collimates multiple reflections into one coherent beam of light, while a rounded array of LEDs, inserted in the center of the reflector, delivers a high-power white effect. Due to its wide lens aperture, projection capabilities, and outstanding looks, the G-7 BeaSt creates an innovative system specially interesting for long-throw applications, big-scale archtainment setups, and versatile installations.

Features and benefits

- ✓ IP66-rated moving head with a long-throw LED beam and a white LED direct-view source
- ✓ 50000 lumen and 85,000 lux at 10 meters
- ✓ 18 colors including CTO filter, 6000K / 8000K color temperatures, 6 rotatable aerial effects
- ✓ Ideal application: long-throw and high-visibility outdoor applications
- ✓ 5-year warranty with patented built-in dehumidifier
- ✓ Wireless DMX and RDM controllable, flicker-free
- ✓ Corrosion class C5-M (marine) makes it ideal for coastal and offshore installations
- ✓ Superior thermal management and IP66-rated

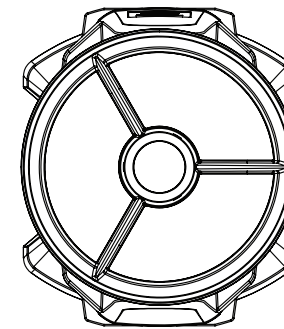
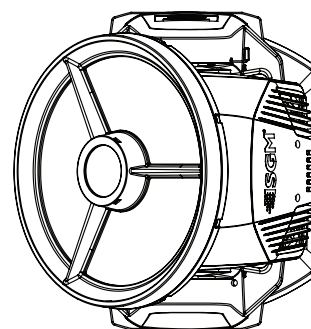
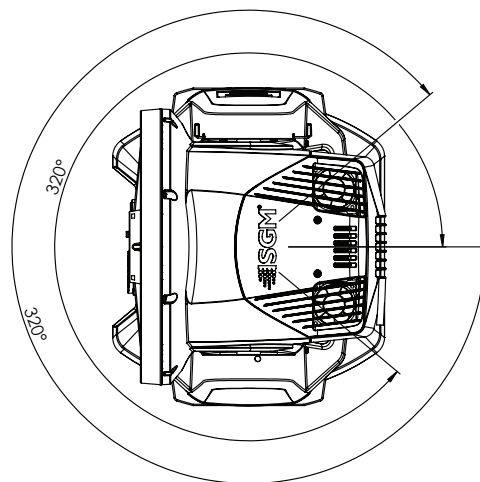
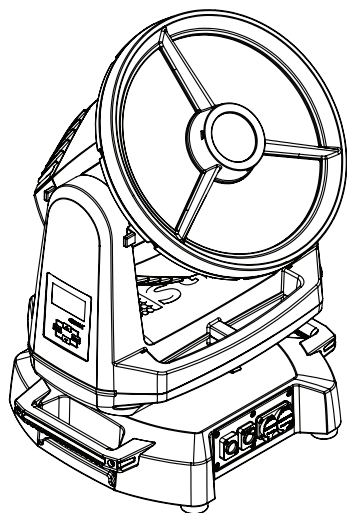
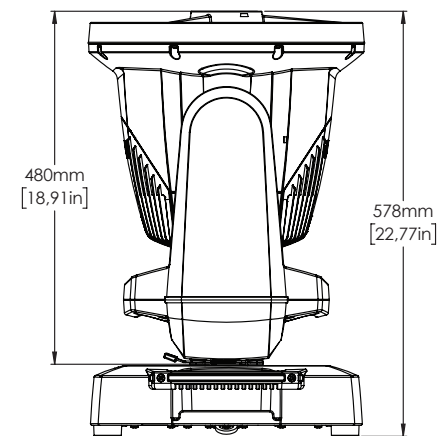
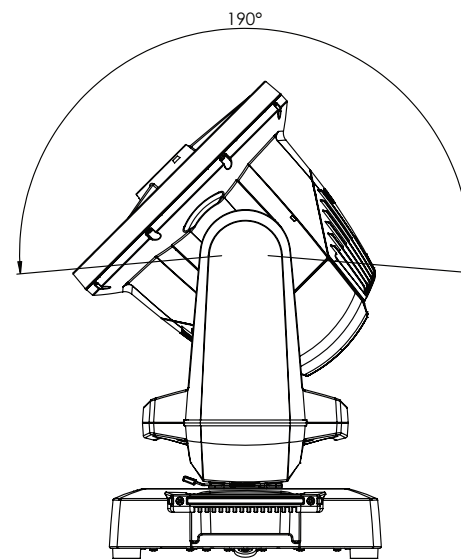
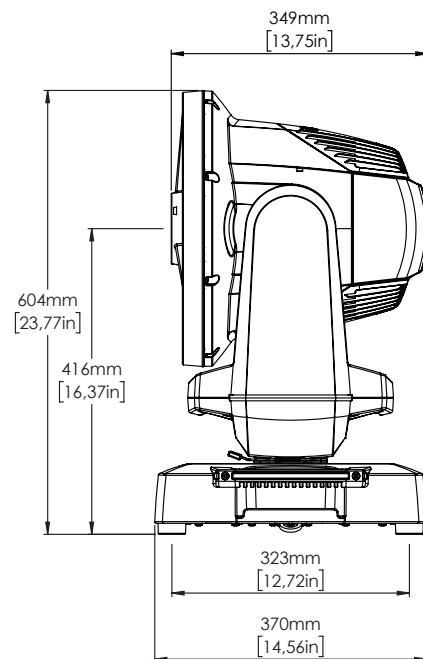
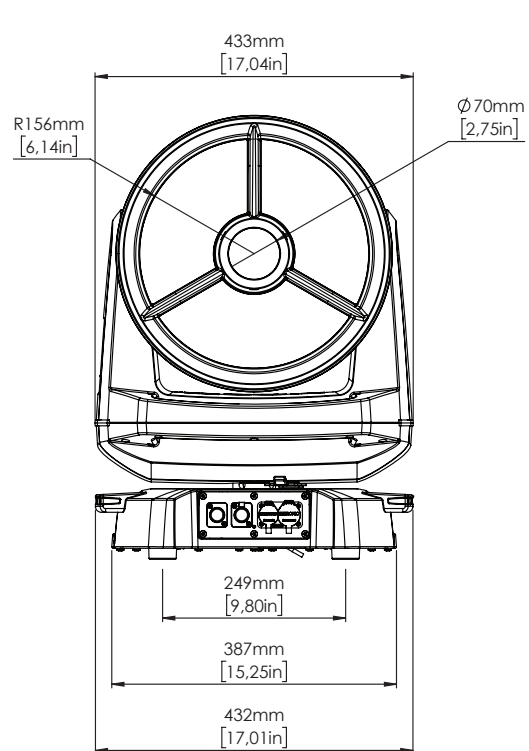
Certifications & classifications

IP66

RoHS

CE





Specification

Optical Data	Beam aperture	Motorized
	Beam aperture maximum	30 degree
	Beam aperture minimum	-1 degree
	LED expected lifetime	20,000 hours
	Lens diameter	320 mm
	Lightsource	High-power white LED (6,000K) 52 x cool white LEDs (8,000K)
	Native lens options	110° -1° to 30° (Beam aperture)
Photometric	Efficacy	102 lm/W
	Light output all LEDs on	50000 lm
	Lumen per kilogram	1667 lm / Kg
	Lux @ 10m	85000 lux
	Lux @ 5m	200000 lux
Physical	Color options	Black - RAL 9004 Custom color - Any RAL White - RAL 9010
	IK rating	IK07
	IP class	IP66
	Lens material	Glass parabolic reflector
	Material	Aluminium PC/ASA Rubber Steel
	Net dimensions	370 x 604 x 432 mm
	Net dimensions inches	14.6 x 23.8 x 17 inches
	Net weight	30 kg (66.2 lbs)
Features	Addressable pixels	3 (Beam) + 4 (Strobe Blinder)
	Color calibration	White calibration with SGM Color Match selection
	Color wheel	Wheel 1: 9 colors + open Wheel 2: 9 colors + open (including CTO)
	Dehumidifier	Head
	Dimming	Smooth fade in, gamma corrected curve
	Gobo wheel (1)	5 rotatable, indexable, and interchangeable gobos + open

	LED panel	4 individually controllable segments (strobe blinder) 3 individually controllable segments (beam)
	Other	CTO filter Independent control of Beam and Strobe Blinder
	Pan	620°
	Physical head straight up height	578 mm
	Power / DMX indicator	Head
	Strobe	Ultra-high-speed strobe effects 3" Rounded Strobe Blinder Dualsource Strobe Blinder Intensity, Duration, Rate and FX control channels per lightsource (2) Pixel strobe feature (up to 7 segments)
	Tilt	185°
	Tilt locking system	Yes
	View angle	110°
Electrical	Electrical protection	Overload protection with automatic recover
	Input voltage, absolute max. rating	100 - 264 VAC; 50 / 60 Hz
	Input voltage, nominal	100 - 240 VAC; 50 / 60 Hz
	Max inrush current 230VAC	70 A
	Max power consumption	650 W
	Max power thru @ 100 V	9 A
	Max power thru @ 230 V	13 A
	Power factor	0.96 PF (230 V)
	Power Supply Unit	Inbuilt IP 67 Auto-ranging electronic switch-mode
	Standby power consumption	40 W
Programming and Control	16-bit control	Dimmer, pan/tilt, gobo rotation/index, collimation, pixel
	DMX channels	18, 22, 29 or 35
	DMX modes	4
	Protocol	CRMX, W-DMX™ G2, W-DMX™ G3, W-DMX™ G4, W-DMX™ G4S USITT DMX512A RDM ANSI E1.20
	Setting and addressing	RDM ANSI E1.20 Standalone mode
	Wireless DMX	Lumen Radio with RDM
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	4 x 2 M-10 locking points (suitable for two or four POI Omega Brackets)
	Orientation	Any
	Rigging possibilities	Hanging / horizontal mounted
	Safety features	Bottom mount for safety wire Minimum distance to combustible materials: 0.3 meter (11 in).
Thermal	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
	Total heat dissipation, max power	2217.8 BTU per hour
	Total heat dissipation, standby	136.5 BTU per hour
Included items	Included items	POI Pignose-lock Key with magnet Safety instructions and installation quick guide 8 M-10 screws
Gobos	Glass	Borosilicate high-temperature glass
	Image diameter	23 mm
	Maximum thickness glass	1.1 mm
	Outside diameter	28 mm
Conforms To	CE - 2014/30/EU: EMC Directive	EN 55103-2 EN 55015 EN 61547 EN 61000-3-2 EN 61000-3-3 EN 55032
	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
<input type="checkbox"/>	G-7 Beast, POI, BL	80203000
<input type="checkbox"/>	G-7 BeaSt, POI, WH	80203001
<input type="checkbox"/>	G-7 BeaSt, POI, CU	80203002
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	Accessories	Item number
<input type="checkbox"/>	Vacuum Test Kit	83061136
<input type="checkbox"/>	Omega Bracket POI	83060623
<input type="checkbox"/>	SGM USB uploader cable, POI	83062067
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