G·7 BeaSt

DualSource LED moving head

DISCONTINUED

Description

The G-7 BeaSt is a dual-purpose moving head specialized in aerial beams and high-power blind / strobe 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 strobe blinder. Due to its wide lens aperture, projection capabilities, and outstanding direct view effect, the G-7 BeaSt creates an innovative system specially interesting for long-throw applications, high-scale tours, and versatile installations.
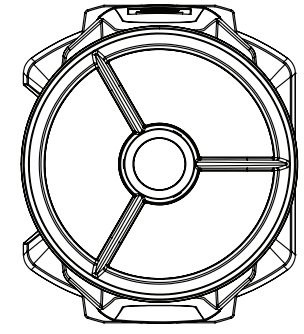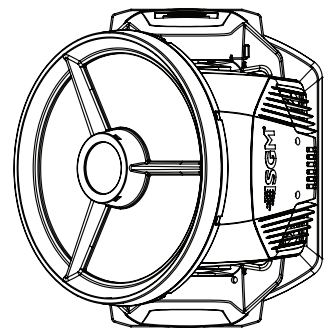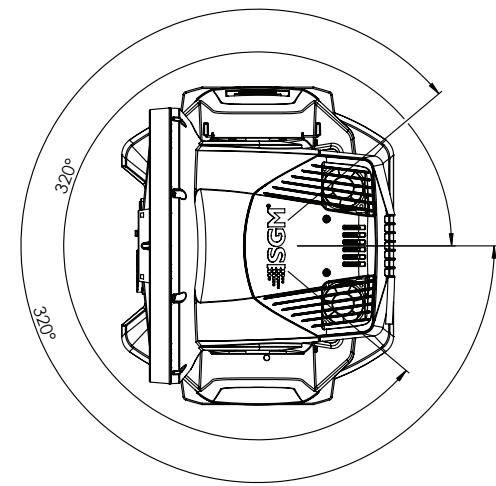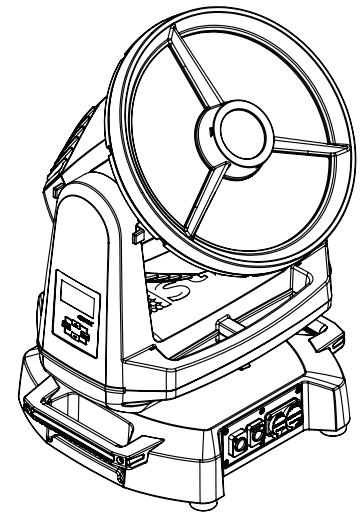
Features and benefits

- ✓ IP66-rated moving head with a white LED beam and a white LED strobe / blinder

- ✓ 3 rotatable / indexable aerial gobos, 2 rotating split colors, Frost, and 18 colors with split function

- ✓ Compact, lightweight, silent / No internal cleaning needed

- ✓ 50000 lumen and 85,000 lux at 10 meters

- ✓ 2 color wheels, CTO filter, and 6000K color temperature

- ✓ Wireless DMX and RDM controllable

- ✓ Fast pan and tilt movement

- ✓ Superior thermal management for high reliability

Certifications & classifications

IP66
INGRESS

RoHS
COMPLIANT

$C\epsilon$

433mm
[17,04in]

R156mm
[6,14in]

Ø70mm
[2,75in]

249mm
[9,80in]

387mm
[15,25in]

432mm
[17,01in]

349mm
[13,75in]

604mm
[23,77in]

416mm
[16,37in]

323mm
[12,72in]

370mm
[14,56in]

190°

480mm
[18,91in]

578mm
[22,77in]

320°

320°
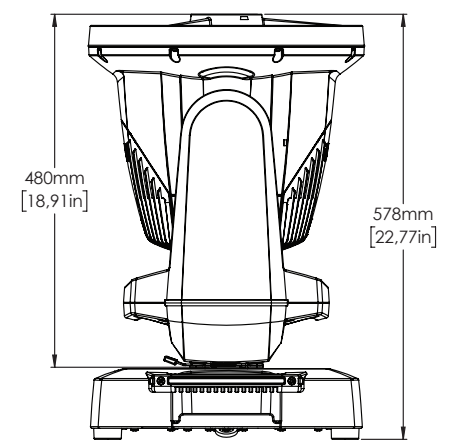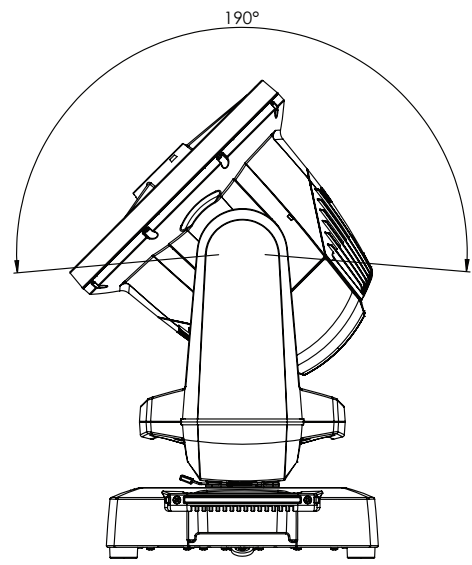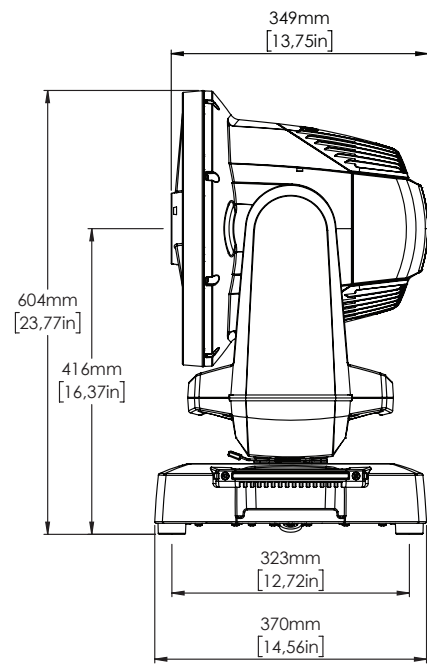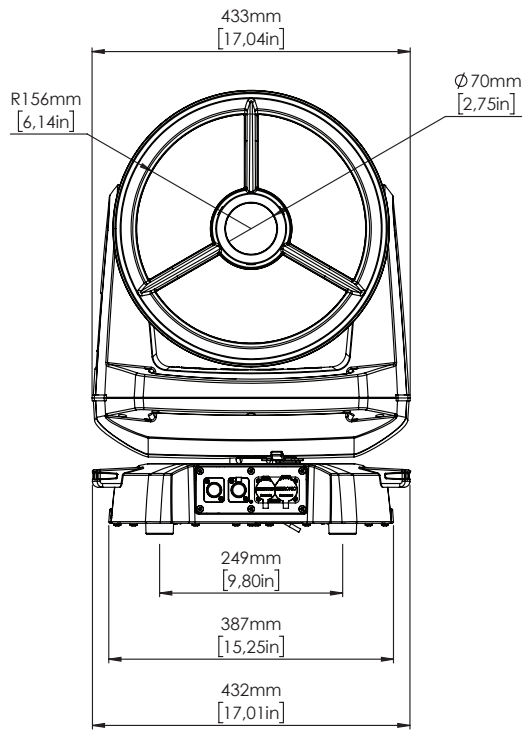
Specification

Optical Data

Beam aperture	Motorized
Beam aperture maximum	30 degree
Beam aperture minimum	-1 degree
LED expected lifetime (L70)	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

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 L x H x W	370 x 604 x 432 mm
Net dimensions L x H x W (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
	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, 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
	Cabled DMX	5 pin XLR input/output
	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	OLED graphical display / 4 buttons RDM ANSI E1.20 Standalone mode
	Wireless DMX	Lumen Radio with RDM
Connections	DMX data in/out	IP66 XLR 5-pin connector, Female IP66 XLR 5-pin connector, Male
	Power	Power input connector & link-thru

Installation		
	Mounting point	4 x 2 quarter-turn locking points
	Orientation	Any
	Rigging possibilities	Hanging (Omega Brackets included)
	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, operating max	50 °C
	Temperature range, operating min	-40 °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	1 Omega bracket with quarter-turn fasteners Safety instructions and installation quick guide

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 55015 EN 61547 EN 61000-3-2 EN 61000-3-3 EN 55032 EN 55035
	CE - 2014/35/EU: Low Voltage Directive	EN 60598-1
		EN 60598-2-17 EN 62471 EN 60529
	RoHS2 Directive	2011/65/EU

Ordering information

Qty	Product name	Item number
☐	G-7 BeaSt, Std, BL	80103000
☐	G-7 BeaSt, Std, WH	80103001
☐		

Qty	Accessories	Item number
☐	Omega Bracket with 1/4-turn fasteners	83060602
☐	Power cable with IP connector	07860275
☐	SGM USB uploader cable	83062011
☐	Vacuum Test Kit	83061136
☐	RDM Addressing Tool	
☐	Flight Case for 2 pcs G-7 Series	82051020
☐		

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