



G-7 Spot POI

LED moving head



Description

The G-7 Spot POI is the ideal mid-sized IP-rated moving head. A reliable LED moving projector with gobo patterns and textures, high-output, and low power consumption. Thanks to its white LED engine and CMY color mixing, the G-7 Spot POI is the perfect moving head for those who need maximum light output in a compact size. The G-7 Spot POI gives you a solid construction, a high-quality beam, and an optimal projection in a very flexible assembly. A moving fixture prepared for the challenges of harsh environments.

Features and benefits

- ✓ IP66-rated moving head spot with 6500K white LED engine
- ✓ 16000 lumen and 6° to 39° zoom range
- ✓ 6 rotatable gobos, 9 static gobos, 3-facet prism, iris, and frost
- ✓ CMY color mixing with dichroic RGB macros, linear CTO, CTB and 1 wheel with 5 colors + open
- ✓ Compact, lightweight, and silent / No internal cleaning needed
- ✓ Clear and sharp projection
- ✓ Fast pan and tilt movement
- ✓ Superior thermal management for high reliability

Certifications & classifications

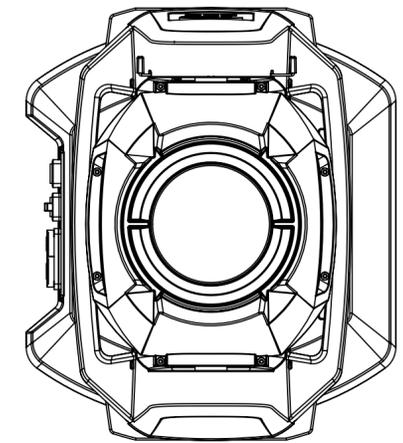
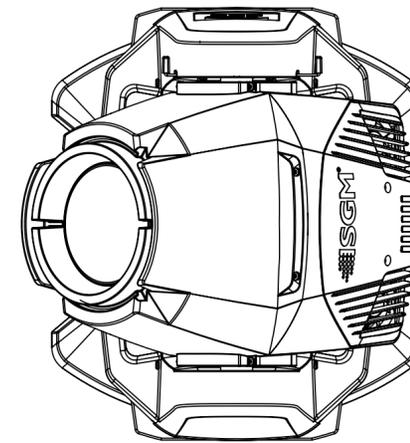
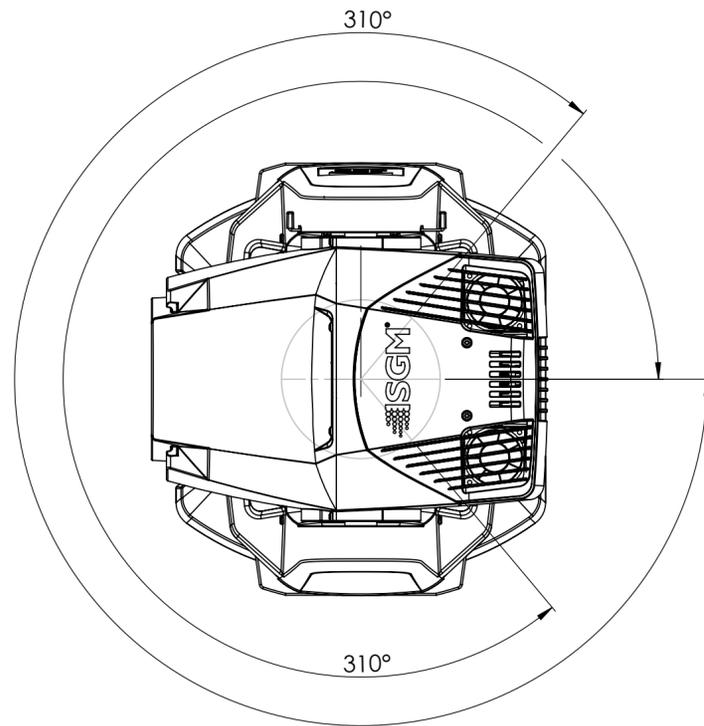
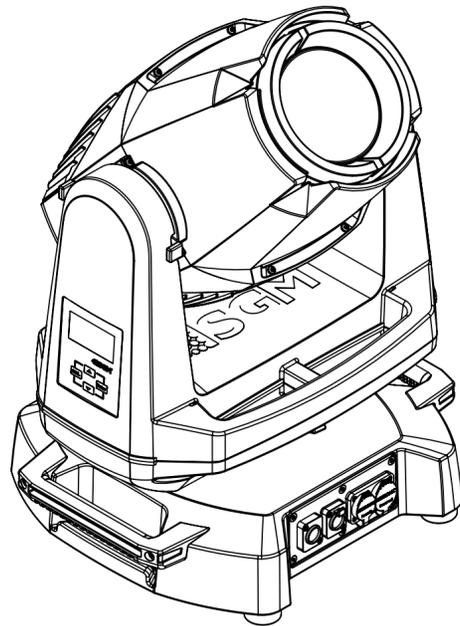
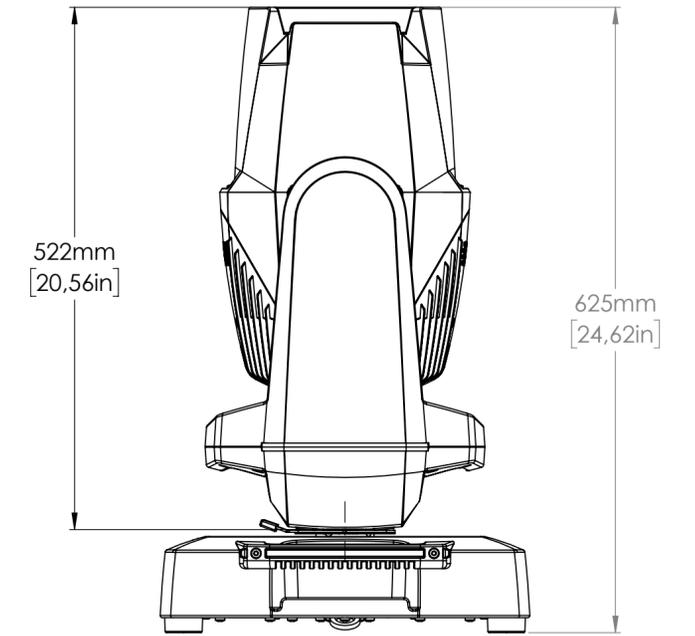
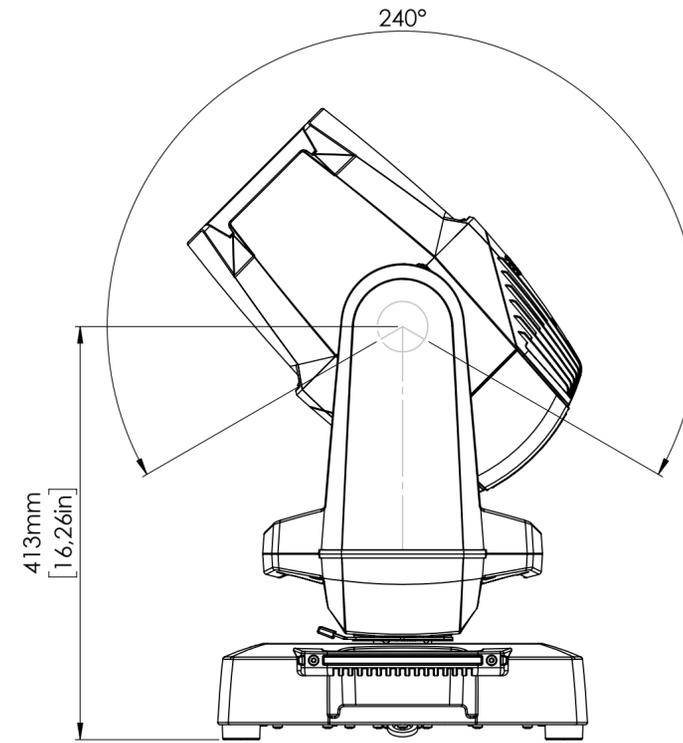
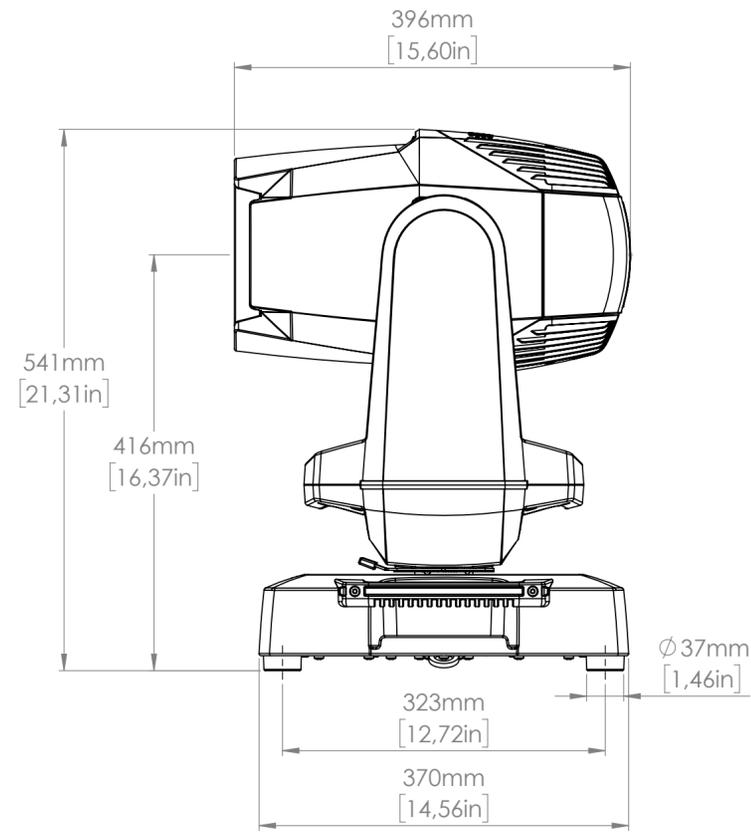
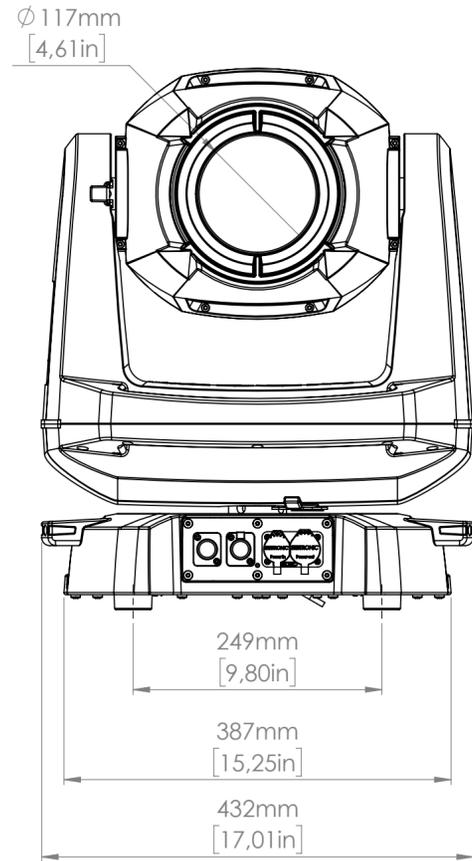
IP66

RoHS

CE



REVISIONS				
REV.	DESCRIPTION	ECO	DATE	CHANGED BY



Tolerances according to ISO 2768-1: M		DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING		PAPER SIZE:
Nominal size	Permissible deviations		All Dimensions are in mm		A2
0.5	±0.1	NAME	DATE	TITLE:	G-7 Spot, Std, BL
up to 3	±0.1	Created By	10. januar 2018 11:52:50	DWG NO.	
over 3	±0.1	Last saved By	bar 12. oktober 2021 11:32:13	SCALE:1:5	SHEET 1 OF 1
up to 6	±0.2	FINISH:			
over 6	±0.3	MATERIAL:			
up to 30	±0.3	Material <not specified>			
over 30	±0.5	WEIGHT: 38726.65			
up to 120	±0.8				
over 120	±1.2				
up to 400					
over 400					
up to 1000					
over 1000					
up to 2000					

Specification

Optical Data	Focus	Motorized
	Frost	0% - 100%, variable
	LED expected lifetime	20,000 hours
	Lightsource	High-power white LED (6,500K)
	Prism	3-facet rotatable and indexable prism
	Zoom	Motorized
	Zoom range	6° to 39°
Photometric	Efficacy	35.8 lm/W
	Light output all LEDs on	16000 lm
	Lumen per kilogram	593 lm / Kg
	Lux @ 10m	11963 lux
	Lux @ 5m	47854 lux
	Maximum beam angle	28.6 °
	Maximum field angle	38.7 °
	Minimum beam Angle	5.8 °
Minimum field angle	9.2 °	
Physical	Color options	Black - RAL 9004 Custom color - Any RAL White - RAL 9010
	Corrosion class	CX (C5-M - ISO 12944)
	Effective Projected Area	4.6 Square ft
	IK rating	IK07
	IP class	IP66
	Lens material	AR-coated glass
	Material	Aluminium PC/ASA Rubber Steel
	Net dimensions	433 x 622 x 370 mm
	Net dimensions inches	17.1 x 24.5 x 14.6 inches
	Net weight	27 kg (59.5 lbs)
Features	Color calibration	White calibration with SGM Color Match selection
	Color wheel	5 colors + open
	Dehumidifier	Head
	Dimming	Smooth fade in, gamma corrected curve

	Effect wheels	FX area integrated on color wheel
	Gobo wheel (1)	9 static gobos + open
	Gobo wheel (2)	6 rotatable, indexable, and interchangeable gobos + open
	Iris	1% - 100%, pulse effect
	Other	CMY color mixing with added dichroic RGB macros Linear CTO CTB filter
	Pan	620°
	Physical head straight up height	623 mm
	Power / DMX indicator	Head
	Strobe	Ultra-high-speed strobe effects Pixel strobe feature (up to 3 segments)
	Tilt	240°
	Tilt locking system	Yes
Electrical	Electrical protection	Overload protection with automatic recover
	Input voltage, absolute max. rating	90 - 305 VAC; 50 / 60 Hz
	Input voltage, nominal	100 - 277 VAC; 50 / 60 Hz
	Max inrush current 230VAC	70 A
	Max power consumption	480 W
	Max power thru @ 100 V	14 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	65 W
Programming and Control	16-bit control	Dimmer, colors, CTO, pan/tilt, gobo index/rotation, zoom, focus
	DMX channels	22 or 29
	DMX modes	2
	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	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	1637.8 BTU per hour	
	Total heat dissipation, standby	221.8 BTU per hour	
Included items	Included items	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	
	Certified To	CSA	CSA Std. C22.2 No. 166

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 Spot, POI, CU	80200607
<input type="checkbox"/>	G-7 Spot, POI, WH	80200606
<input type="checkbox"/>	G-7 Spot, POI, BL	80200605
<input type="checkbox"/>		
	Accessories	Item number
<input type="checkbox"/>	G-7 Spot Top Hat	83061184
<input type="checkbox"/>	Omega Bracket POI	83060623
<input type="checkbox"/>	SGM USB uploader cable, POI	83062067
<input type="checkbox"/>		



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