



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 zoom range
- ✓ CMY color mixing with dichroic RGB macros, linear CTO, CTB and 1 wheel with 5 colors + open
- ✓ 6 rotatable gobos, 9 static gobos, 3-facet prism, iris, and frost
- ✓ Clear and sharp projection
- ✓ Fast pan and tilt movement
- ✓ Compact, lightweight, and maintenance-free
- ✓ Superior thermal management for high reliability

Certifications & classifications

IP66

RoHS

CE

ETL

ECO FRIENDLY

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
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
	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 wheel	5 colors + open
	Dehumidifier	Head
	Dimming	Electronic
	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

	Pan	CTB filter 640°
	Physical Head Straight Up Height	623 mm
	Power / DMX indicator	Head
	Strobe	Ultra-high-speed strobe effects
	Tilt	250°
	Tilt Locking System	Yes
Electrical	AC power, max.	90 - 305V 50/60Hz
	AC Power, nominal	100 - 277V 50/60Hz
	Electrical Protection	Overload protection with automatic recover
	Max Inrush Current	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
	Typical power consumption	415 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	DMX data in/out	5 meter cable for DMX in and out
	Power	Power cable 5 meter with bare ends
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
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
☐	G-7 Spot, POI, WH	80200606
☐	G-7 Spot, POI, BL	80200605
☐		
Accessories		Item number
☐	G-7 Spot Top Hat	83061184
☐		



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