G·Spot

LED Moving Head

TruColor ™

ThermalDrive ™

DryTech ™

Description

The G-Spot is a multi-environmental, maintenance-free RGB LED moving head with IP65-rating and a bright color output. It is capable of an even field beam projection with sharp imaging and no color aberrations. The integrated dehumidifier of the G-Spot ensures perfect inner cleanness of the luminaire and no accumulation of dust or externally induced impact on internal optics, gobos or the light source unit. Due to the revolutionary product features, the G-Spot won the prestigious top industry PLASA Award for Innovation, 2013.

Features and benefits

- ✓ High-power IP65 RGB LED light source
- ✓ 2 rotatory gobo wheels, FX wheel, 4-facet prism and ultra-high-speed strobe
- ✓ Linear frost and smooth iris feature
- ✓ Flicker-free / Programmable scenes
- ✓ 15327 lumen and 8° to 43° zoom range
- ✓ DMX, RDM and wireless control
- ✓ 2000K - 10000K CTC control, no hotspots
- ✓ Practically maintenance-free and silent performance

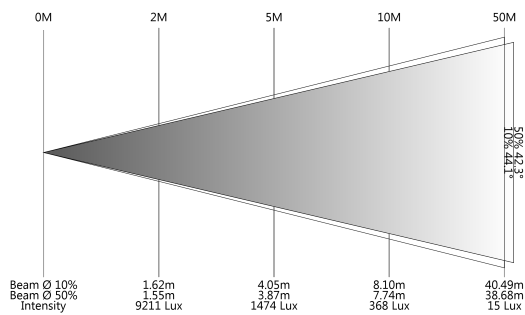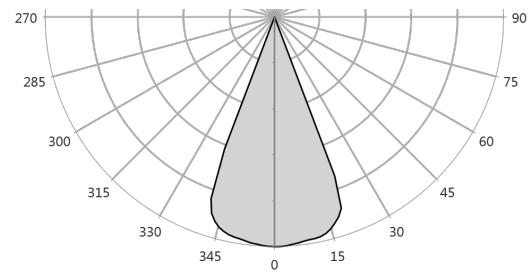## Certifications & classifications

IP65   RoHS   CE   ETL   ECO FRIENDLY

Photometric Report

≡SGM®

Manufacturer	SGM
Luminaire	G-spot max All on raw peak
Measurement Date	20-05-2017
Power Consumption	971 W
Light Output	15 327 lm
Field Angle	44.1 deg
Beam Angle	42.3 deg

Lux Diagram

0M	2M	5M	10M	50M

50% 42.3°
10% 44.1°

	1.62m	4.05m	8.10m	40.49m
Beam Ø 10%				
Beam Ø 50%	1.55m	3.87m	7.74m	38.68m
Intensity	9211 Lux	1474 Lux	368 Lux	15 Lux

Polar Distribution

Beam Profile
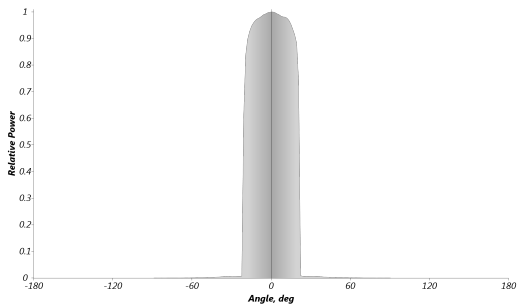
Spectral Distribution
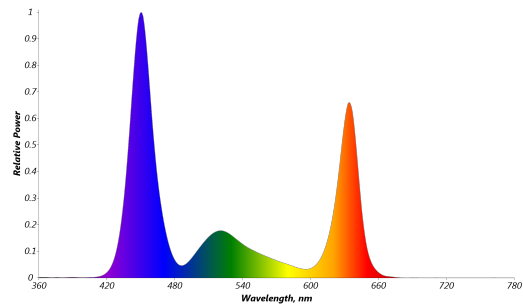
Gobo wheel

Specification

Optical Data

Focus	Motorized
Frost	0% - 100%, variable
LED expected lifetime	50,000 hours
Lens diameter	125 mm
Lightsource	High-power RGB LED
Prism	4-facet rotating prism
Pseudo zoom range	1° to 43°
Zoom	Motorized
Zoom range	8° to 43°

Photometric

Color temperature range	2000K - 10000K
Efficacy	16 lm/W
Light output all LEDs on	15327 lm
Light output blue	1446 lm
Light output green	3571 lm
Light output red	4663 lm
Lux @ 10m	5529 lux
Lux @ 3m	61437 lux
Lux @ 5m	22117 lux
Maximum Beam Angle	42 °
Maximum Field Angle	44 °
Minimum Beam Angle	9 °
Minimum Field Angle	11 °

Physical

Color options	Black - RAL 9004 Custom color - Any RAL White - RAL 9010
IP class	IP65
Lens material	AR-coated glass
Material	Aluminium Plastic PA6.6 Stainless Steel
Net dimensions	470 x 805 x 492 mm
Net dimensions inches	18.5 x 31.7 x 19.4 inches
Net max height	821 mm
Net weight	52 kg (114.7 lbs)

Features

Dehumidifier	Base / Head
Dimming	Electronic

	Effect wheels	Continuous rotation with variable speed and direction
	Gobo wheel (1)	6 rotatable, indexable, and interchangeable gobos + open
	Gobo wheel (2)	5 rotatable, indexable, and interchangeable gobos + open
	Iris	1% - 100%, pulse effect
	Pan	540°
	Strobe	Ultra-high-speed strobe effects
	Tilt	270°
Electrical	AC power, max.	190 - 264V 50/60Hz
	AC Power, nominal	208 - 240V 50/60Hz
	Electrical Protection	Overload protection
	Main fuse	T12A - 250V
	Max Inrush Current 230VAC	30 A
	Max power consumption	1150 W
	Power factor	0.97 PF (230 V) PF (230V)
	Power Supply Unit	Auto-ranging electronic switch-mode
	Standby power consumption	70 W
	Typical power consumption	750 W
Programming and Control	16-bit control	Dimmer, colors, pan/tilt, gobo index/rotation, zoom, focus
	Cabled DMX	5 pin XLR input/output
	DMX channels	24 or 30
	DMX modes	2
	Protocol	USITT DMX512A Wireless DMX (LumenRadio) RDM ANSI E1.20
	Setting and addressing	Control panel OLED graphical display / 4 buttons RDM ANSI E1.20 RFID
	Standalone mode	Up to 24 programmable scenes
	Wireless DMX	Lumen Radio with RDM
Connections	DMX data in/out	IP65 XLR 5-pin cable, 0,2 m (7.8 in)
	Power	Power input connector
Installation	Mounting point	4 x 2 quarter-turn locking points
	Orientation	Any
	Rigging possibilities	Hanging (Omega Brackets included)
	Safety features	2 attachment points for safety wire Minimum distance to combutible

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	2 Omega bracket with quater-turn fasteners 2 m power cable Safety instructions and installation quick guide

Gobos	Glass	Borosilicate high-temperature glass
	Image diameter	30 mm
	Maximum thickness glass	3.5 mm colored glass or textured gobos
	Maximum thickness metal	1.1 mm black & white
	Metal	Not Recommended
	Outside diameter	37.5 mm

Conforms To	CE - 2014/30/EU: EMC Directive	EN 55103-1 EN 55103-2 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

Certified To	CSA	CSA E60598-1, Ed: 2 CSA-E598-2-17-98, Ed: 1

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-Spot Moving Head, Std, BL	80021002
☐	G-Spot Moving Head, WH	80021005
☐	G-Spot Moving Head, Std, CU	80021009
☐		

Qty	Accessories	Item number
☐	G·Profile Module	83061405
☐	Omega Bracket with 1/4-turn fasteners	83060602
☐	Single Flight Case for G·Spot series	82051508
☐	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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