



G-Spot Turbo POI

RLB LED Projector



Description

The G-Spot Turbo POI is a high-brightness LED projector based on an optimized additive color mixing to match the highest demands of color rendering and total output. The integrated dehumidifier of the G-Spot Turbo POI ensures perfect inner cleanness of the luminaire and no accumulation of dust or externally induced particles on internal optics, gobos, or the light source unit. The G-Spot Turbo POI is the perfect solution for those who need a powerful LED spot projector with good chromaticity levels and an outstanding performance in different shades of white.

Features and benefits

- ✓ 19973 lumen RLB (Red, Lime, Blue) LED projector
- ✓ 8° to 43° zoom range, high CRI, and 2000K - 10000K CTC control with no hotspots
- ✓ 5-year warranty
- ✓ Flicker-free / programmable scenes / DMX, RDM, and wireless control
- ✓ Extended color palette with warmer pastels and richer green hues
- ✓ Ideal application: medium and large-scale outdoor applications
- ✓ IP66-rated and patented built-in dehumidifier for a practically maintenance-free luminaire
- ✓ Corrosion class C5-M (marine) makes it ideal for coastal and offshore installations

Certifications & classifications

IP66

RoHS

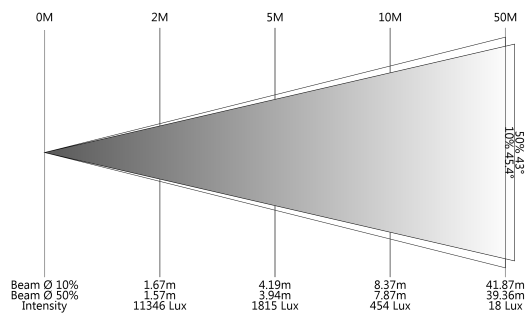
CE



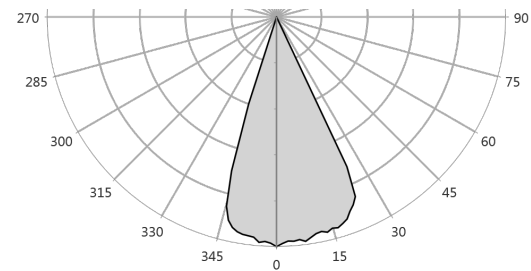
Manufacturer	SGM
Luminaire	G-spot Turbo max All on raw peak
Measurement Date	05-12-2017
Power Consumption	982 W
Light Output	19 973 lm
Field Angle	45.4 deg
Beam Angle	43.0 deg



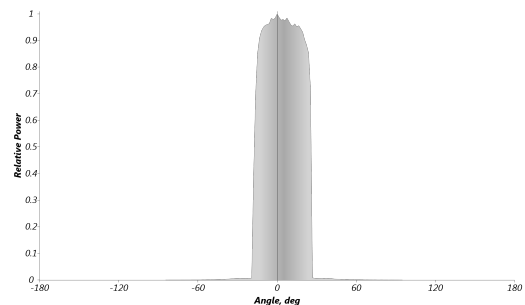
Lux Diagram



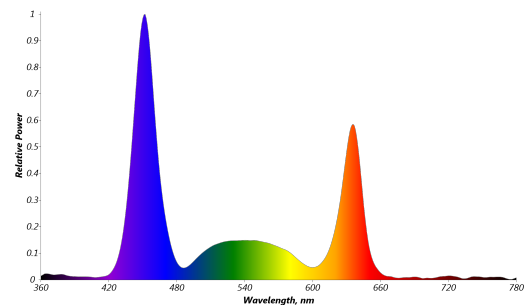
Polar Distribution



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 RLB 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
CRI typical	83
Efficacy	20 lm/W
Light output all LEDs on	19973 lm
Light output blue	1896 lm
Light output green	5899 lm
Light output red	4523 lm
Lux @ 10m	7042 lux
Lux @ 3m	78241 lux
Lux @ 5m	28166 lux
Maximum Beam Angle	43 °
Maximum Field Angle	45 °
Minimum Beam Angle	9 °
Minimum Field Angle	11 °

Physical

Color options	Black - RAL 9004 Custom color - Any RAL White - RAL 9010
Corrosion class	C5-M (ISO 12944)
IP class	IP66
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 weight	52 kg (114.7 lbs)

Features

Dehumidifier	Base / Head
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	Dimming	Electronic
	Effect wheels	Continuous rotation with variable speed and direction
	Gobo wheel (1)	5 rotatable, indexable, and interchangeable gobos + open
	Gobo wheel (2)	5 rotatable, indexable, and interchangeable gobos + open
	Iris	1% - 100%, pulse effect
	Pan	540°
	Power / DMX indicator	Base
	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
	Max Inrush Current 230VAC	30 A
	Max power consumption	1150 W
	Power factor	0.98 PF (230 V) PF (230V)
	Power Supply Unit	Auto-ranging electronic switch-mode
	Standby power consumption	70 W
	Typical power consumption	1000 W
Programming and Control	16-bit control	Dimmer, colors, pan/tilt, gobo index/rotation, zoom, focus
	DMX channels	24, 25, 30 or 31
	DMX modes	4
	Protocol	USITT DMX512A RDM ANSI E1.20
	Setting and addressing	RDM ANSI E1.20
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	2 attachment points 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
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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

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 Turbo, POI, BL	80021251
☐	G-Spot Turbo, POI, WH	80021252
☐	G-Spot Turbo, POI, CU	80021253
☐		
	Accessories	Item number
☐	SGM USB uploader cable	83062011
☐	Vacuum Test Kit	83061136
☐	RDM Addressing Tool	
☐		



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