

G-1 Beam POI
LED Moving Head

Specifications		
Optics	Light source	High-power white LED (6,500K)
	LEDs expected lifetime	50,000 hours*
Photometric	Beam angle(s)	2.8° 0.3°(Aperture pseudo zoom)
	Focus	Motorized focus
Photometric	Light source output	62,000 lux at 3 m (9.8 ft.)*
	Color temperature	6,500K
Gobos	Gobo wheel	19 gobos + 2 times open
		Oscillation effect Gobo shake Continuous scroll CW & CCW
Colors	Color wheel	14 colors + open
		Split color Continuous scroll CW & CCW
Features	Dimming	Electronic
	Strobe	Ultra-high-speed strobe effect (1-50 Hz)
Electrical incl. base	Pan / tilt	Endless / 240°
	Pan modes:	540°, 360°, 360° shortest path, continuous CW, continuous CCW
Electrical incl. base	Built-in macro effects	50
	Dehumidifier	Head
Electrical incl. base	Power/DMX indicator	Yoke
	AC power, nominal	100-240V 50/60 Hz
Electrical incl. base	AC power, max. rating	90-264V 50/60 Hz
	Maximum inrush current @ 100VAC	2.2Amp
Electrical incl. base	Maximum inrush current @ 240VAC	6.9Amp
	Power supply unit	Auto-ranging electronic switch-mode
Electrical incl. base	Max. power consumption	50W
	Standby power	8W
Electrical excl. base	AC power, nominal	24VDC
	Max. power consumption	50W
Programming and control	Protocol	USITT DMX512A CRMX, W-DMX™ G2, W-DMX™ G3, W-DMX™ G4, W-DMX™ G4S
	Setting and addressing	RDM Software upgradable with SGM USB uploader cable (P/N:83062011)
Programming and control	Cabled DMX	1 x 5 meter cable for DMX in and out
	16-bit control	Dimmer, pan and tilt
Programming and control	DMX channels	12
	Physical	Dimensions
Length (head incl. yoke): 288 mm (11.34 in.)		
Physical	Weight	Width (base): 255 mm (10.04 in.)
		Width (head): 150 mm (5.9 in.)
Physical	Material	Height (base): 90 mm (3.54 in.)
		Height (head straight up): 382 mm (15.04 in.)
Physical	IP class	8.0 kg (17.6 lbs.)
		Aluminium, steel, plastic PC/ASA, rubber
Physical	Corrosion class	IP66
		CS-M
Physical	Color options	White – RAL 9010
		Black – RAL 9004 Custom color – any RAL
Installation	Mounting	Two quarter-turn locking points for one Omega bracket
	Orientation	Any
Installation	Safety features	2 x attachment points for safety wire
		Minimum distance to combustible materials: 0.3 m (11 in.) Minimum distance to illuminated surfaces: 0.3 m (11 in.)
Thermal	Temperature range, Operating	-40° to +50°C (-40° to +122°F)
	Temperature range, Start-up	-20° to +50°C (-4° to +122°F)
Thermal	Temperature range, Storage	-40° to +80°C (-40° to +176°F)
	Humidity	98%
Thermal	Cooling	Passive
	Connections	DMX data in/out
Power		1 x 5 meter cable with bare ends
Conforms to	UL Std. 1573 ***	
	2014/35/EU: Low Voltage Directive	EN 60598-1, EN 60598-2-17, EN 62471, EN 60529
Conforms to	2014/30/EU: EMC Directive	EN 55103-1, EN 55103-2, EN 55015, EN 61547, EN 61000-3-2, EN 61000-3-3
	RoHS2 Directive	2011/65/EU
Included items	Included items	User manual
Fixtures and accessories	Fixtures	Order no: 80100201 - G-1 Beam, POI, BL Order no: 80100211 - G-1 Beam, POI, WH, Order no: 80100291 - G-1 Beam, POI, CU
	Cables	Order no: 83062011 - SGM USB uploader cable
Fixtures and accessories	Bracket	Order no: 83060602 - Omega bracket
	Flightcase	Order no: 83061707 - Ceiling mount for G-1 Order no: 82051004 - Flightcase for 4 pcs. G-1 Beam

*Figures provided by manufacturer and obtained under manufacturer's test conditions

**Photometrics / SGM Illumination Lab 1.6.0.0

***Pending

BL = Black (RAL 9004)

WH = White (RAL 9010)

CU = Custom Color (Any RAL color)