G-1 Beam
LED Moving Head

Specifications			
	Optics	Light source	High-power white LED (6,500K)
		LEDs expected lifetime	50,000 hours*
		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
			Two oscillation gobo effect areas
			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)
		Pan / tilt	Endless / 240°
		Pan modes:	540°, 360°, 360° shortest path, continuous CW, continuous CCW
		Built-in macro effects	50
		Battery status	Battery level indicator
	Electrical incl. base	AC power, nominal	100-240V 50/60 Hz
		AC power, max. rating	90-264V 50/60 Hz
		Maximum inrush current @ 100VAC	2.2Amp
		Maximum inrush current @ 240VAC	6.9Amp
		Power supply unit	Auto-ranging electronic switch-mode
		Max. power consumption	50W
		Standby power	8W
	Battery	Battery type	Lithium-Ion battery
		Battery capacity (non-stop)	7-9 hours
		Battery capacity (typical use)	12-14 hours
		Battery charge time up to 70%	8-12 hours
		Battery charge time up to 100%	12-16 hours
		Durability	>500 full charge cycles
		Memory effect	85% battery capacity after 500 full charge cycles
	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
			Display/control panel
			Software upgradable with SGM USB uploader cable (P/N:83062011)
		Standalone mode	8 internal standalone programs
			9 internal pan / tilt presets
		Wireless DMX	LumenRadio CRMX
		Cabled DMX	5 pin XLR input/output
		16-bit control	Dimmer, pan and tilt
		DMX channels	12
	Physical	Dimensions	Length (base): 219 mm (8.62 in.)
			Length (head incl. yoke): 288 mm (11.34 in.)
			Width (base): 255 mm (10.04 in.)
			Width (head): 150 mm (5.9 in.)
			Height (base): 90 mm (3.54 in.)
			Height (head straight up): 382 mm (15.04 in.)
		Weight (incl. 3 batteries)	8.9 kg (19.6 lbs.)
		Weight (excl. batteries)	8.0 kg (17.6 lbs.)
		Material	Aluminium, steel, plastic PC/ASA, rubber
		IP class	IP65
		Color options	White – RAL 9010
			Black – RAL 9004
			Custom color – any RAL
	Installation	Mounting points	Two quarter-turn locking points for one Omega bracket
		Orientation	Any
		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)
		Temperature range, Storage	−40° to +80°C (-40° to +176°F)
		Humidity	98%
		Cooling	Passive
	Connections	AC power input	Neutrik TRUE1 power input connector
		DMX data in/out	IP65 Neutrik HD locking XLR 5-pin cable, 0.2 m (7.8 in.)
	Conforms to	UL Std. 1573	
		2014/35/EU: Low Voltage Directive	EN 60598-1, EN 60598-2-17, EN 62471, EN 60529
		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	One Omega bracket with 1/4-turn fasteners
			2 m power cable with Neutrik TRUE1 power connector
			User manual
	Fixtures and accessories	Fixtures	Order no: 80100101 - G-1 Beam, Std, BL, (excl. Batt)
			Order no: 80100111 - G-1 Beam, Std, WH, (excl. Batt)
			Order no: 80100191 - G-1 Beam, Std, CU, (excl. Batt)
			Order no: 80100103 - G-1 Beam, Std, BL, (incl. 3 pcs Batt)
			Order no: 80100113 - G-1 Beam, Std, WH, (incl. 3 pcs Batt)
			Order no: 80100193 - G-1 Beam, Std, CU, (incl. 3 pcs Batt)
		Battery	Order no: 83061708 - Battery, Nominal: 21,6V - Nominal: 3350 mAh (1 pcs.)
		Wireless transmitter	Order no: 80070229 - Lumen Radio CRMX transmitter (DMX only)
		Cables	Order no: 83062011 - SGM USB uploader cable
			Order no: 07860040 - 2 m power cable with Neutrik TRUE1
		Bracket	Order no: 83060602 - Omega bracket
			Order no: 83061707 - Ceiling mount for G-1
		Flightcase	Order no: 82051004 - Flightcase for 4 pcs. G-1 Beam
			Order no: 82051005 - Flightcase for 4 pcs. G-1 Beam incl. charger
			Order no: 42000297 - Charger cable kit for G-1 flightcase (4 pcs.)

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

**Photometrics / SGM Illumination Lab 1.6.0.0

BL = Black (RAL 9004) / WH = White (RAL 9010) / CU = Custom Color (Any RAL color)