

G-1 Wash

LED Moving Head

Specifications

Optics	Light source	19 LEDs in total Red 4 pcs. Green 4 pcs. Blue 4 pcs. White 7 pcs. (5,700K) 50,000 hours* 8.5°
	LEDs expected lifetime Beam angle(s)	
Photometric	Total output	5,000 lux at 3 m (9.8 ft.)**
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	60W
	Standby power	8W
Battery	Battery type	Lithium-ion battery
	Battery capacity (non-stop)	6-8 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	60W
Programming and control	Protocol	USITT DMX512A
	Setting and addressing	CRM [™] , W-DMX [™] G2, W-DMX [™] G3, W-DMX [™] G4, W-DMX [™] G4S
		RDM
		Display/control panel
	Stand alone mode	Software upgradable with SGM USB uploader cable (P/N:83062011)
		8 internal stand alone programs
		9 internal programmable pan / tilt presets
	Wireless DMX	LumenRadio CRM [™]
	Cabled DMX	5 pin XLR input/output
	16-bit control	Dimmer, pan and tilt
	DMX channels	13
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)	8.6 kg (19 lbs.)
	Weight (excl. batteries)	7.7 kg (17 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	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	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: 80100301 - G-1 Wash, Std, BL, (excl. Batt) Order no: 80100311 - G-1 Wash, Std, WH, (excl. Batt) Order no: 80100391 - G-1 Wash, Std, CU, (excl. Batt) Order no: 80100303 - G-1 Wash, Std, BL, (incl. 3 pcs. Batt) Order no: 80100313 - G-1 Wash, Std, WH, (incl. 3 pcs. Batt) Order no: 80100393 - G-1 Wash, Std, CU, (incl. 3 pcs. Batt)
	Battery	Order no: 83061708 - Battery, Nominal: 21.6V - Nominal: 3,350 mAh (1 pcs)
	Wireless transmitter	Order no: 80070229 - Lumen Radio CRM [™] transmitter (DMX only)
	Cables	Order no: 83062011 - SGM USB uploader cable
	Bracket	Order no: 07860040 - 2 m power cable with Neutrik TRUE1
		Order no: 83060602 - Omega bracket
	Flightcase	Order no: 83061707 - Ceiling mount for G-1
		Order no: 82051006 - Flightcase for 4 pcs. G-1 Wash
		Order no: 82051007 - Flightcase for 4 pcs. G-1 Wash 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)