P-1 Wash Light

Specifications			
Optics	Light source		8 x high-power 12.5W RGBW LEDs
	LEDs expected lifetime		50,000 hours*
	Beam angle		10°
Photometric	Light output		3,000 lm
	Efficacy		33 lm/W
Features	Tilt		0° - 190°
	Filters		Magnetic easy-fit spread angle filters and color frame
	LED panel		2 individually controllable segments
Electrical	AC power nominal		100 - 240V 50/60Hz
	AC power max rating		90 - 264V 50/60Hz
	Maximum inrush current @ 240VAC		60A
	Power supply unit		High-efficiency electronic switch-mode
	Maximum power consumption		90 W (all LEDs on)
	Standby power		3W
Battery	Battery type		Lithium-Ion battery
	Battery capacity		Configurable up to 24 hours
	Battery charge time up to 75% capacity		3,5 hours
	Battery charge time up to 100% capacity		6,5 hours
	Battery cycles		>1000
Programming and Control	Protocol		USITT DMX512 A
			CRMX, W-DMX™ G2, W-DMX™ G3, W-DMX™ G4, W-DMX™ G4S
	Setting and addressing		RDM ANSI E1.20
			Stand alone mode
			Oled graphical display / 4 buttons
			Software upgradable via Uploader cable (P/N:83062011)
	DMX channels		3, 4, 6, 9, 11, 16
Physical	Dimensions (L x H x W)		334 x 254.6 x 119 mm (13.2 x 10.1 x 4.7 in)
	Weight		5.7 kg (12.9 lbs.)
	Material		Aluminium, steel, plastic PC/ASA, rubber
	Lens		Tempered glass front
	IP class		IP65
Installation	Orientation		Any
	Rigging possibilities		Hanging (Omega bracket included) or ceiling/wall mount (optional)
	Safety features		Bottom mount for safety wire
			Minimum distance to combustible materials: 0.3m (11.8 in.)
			Recommended minimum distance to illuminated surfaces: 1 m (40 in.)
	Anti-theft protection		Kensington Lock
			Anti-theft protection with movement sensor (optional)
Thermal	Temperature range, Operation AC power		0°C – 45°C (32° - 113°F)
	Temperature range, Operation Battery power		-20°C – 50°C (4° - 122°F)
	Temperature range, Charging		0°C – 45°C (32° - 113°F)
	Temperature range, Start-up AC power		0°C – 45°C (32° - 113°F)
	Temperature range, Start-up Battery power		-20°C – 50°C (4° - 122°F)
	Temperature range, Storage		-20°C – 50°C (4° - 122°F)
	Humidity (max.)		98%
	Cooling		Passive
Connections	AC power input		Neutrik TRUE1 power input connector
	DMX data in/out		IP65 Switchcraft XLR 5-pin
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		1 Omega bracket
			2m power cable with Neutrik TRUE1
			User manual
Fixtures and accessories	Fixtures		Order no: 80031501 - P-1 Wash, 10deg, Std, BL (incl. 3 pcs. batt.)
			Order no: 80031511 - P-1 Wash, 10deg, Std, WH (incl. 3 pcs. batt.)
			Order no: 80031521 - P-1 Wash, 10deg, Std, CU (incl. 3 pcs. batt.)
	Battery		Order no: 83061709 - Battery, nominal: 21,6V - nominal: 3,350 mAh (1 pcs.)
			Order no: 83061710 - Battery, nominal: 21,6V - nominal: 3,350 mAh (2 pcs.)
	Wireless transmitter		Order no: 80070229 - LumenRadio CRMX transmitter (DMX only)
	Cables		Order no: 83062011 - SGM USB uploader cable
			Order no: 07860040 - 2 m power cable with Neutrik TRUE1
	Filters and frames		Order no: 83061140 - Magnetic filter frame - Medium angle (19°)
			Order no: 83061141 - Magnetic filter frame - Wide angle (45°)
			Order no: 83061142 - Magnetic filter frame – Elliptical horizontal (63°x12°)
			Order no: 83061147 - Magnetic filter frame – Elliptical vertical (12°x63°)
			Order no: 83061144 - Magnetic filter frame for optional filters
	Bracket		Order no: 83060614 - Ceiling/wall mount P-1
			Order no: 83060602 - Omega bracket
	Barndoor		Order no: 83061138 - Barndoor 4-way, P-1
			Order no: 83061139 - Barndoor 8-way, P-1
	Flightcase		Order no: 82051009 - Flightcase for 4 pcs. P-1 with accessories
	Flightcase		Order no: 82051010 - Flightcase for 4 pcs. P-1 with accessories (incl. charger)

*Figures provided by manufacturer and obtained under manufacturer's test conditions
**Goniometer Scan / SGM Illumination Lab 1.6.0.0
BL = Black (RAL 9004)
WH = White (RAL 9010)
CU = Custom Color (Any RAL color)