

P-1 Wash Light

Specifications	Optics	Light source LEDs expected lifetime Beam angle	8 x high-power 12.5W RGBW LEDs 50,000 hours* 10°
	Photometric	Light output Efficacy	3,000 lm 33 lm/W
Features	Tilt		0° - 190°
	Filters LED panel		Magnetic easy-fit spread angle filters and color frame 2 individually controllable segments
Electrical	AC power nominal AC power max rating Maximum inrush current @ 240VAC Power supply unit Maximum power consumption Standby power		100 - 240V 50/60Hz 90 - 264V 50/60Hz 60A High-efficiency electronic switch-mode 90 W (all LEDs on) 3W
	Battery	Battery type Battery capacity Battery charge time up to 75% capacity Battery charge time up to 100% capacity Battery cycles	Lithium-Ion battery Configurable up to 24 hours 3,5 hours 6,5 hours >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)
Physical	DMX channels		3, 4, 6, 9, 11, 16
	Dimensions (L x H x W) Weight Material Lens IP class		334 x 254.6 x 119 mm (13.2 x 10.1 x 4.7 in) 5.7 kg (12.9 lbs.) Aluminium, steel, plastic PC/ASA, rubber Tempered glass front IP65
Installation	Orientation Rigging possibilities Safety features		Any Hanging (Omega bracket included) or ceiling/wall mount (optional) 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 Temperature range, Operation Battery power Temperature range, Charging Temperature range, Start-up AC power Temperature range, Start-up Battery power Temperature range, Storage Humidity (max.) Cooling		0°C – 45°C (32° - 113°F) -20°C – 50°C (4° - 122°F) 0°C – 45°C (32° - 113°F) 0°C – 45°C (32° - 113°F) -20°C – 50°C (4° - 122°F) -20°C – 50°C (4° - 122°F) 98% Passive
	Connections	AC power input DMX data in/out	Neutrik TRUE1 power input connector IP65 Switchcraft XLR 5-pin
Conforms to	2014/35/EU: Low Voltage Directive 2014/30/EU: EMC Directive RoHS2 Directive		EN 60598-1, EN 60598-2-17, EN 62471, EN 60529 EN 55103-1, EN 55103-2, EN 55015, EN 61547, EN 61000-3-2, EN 61000-3-3 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 Cables		Order no: 80070229 - LumenRadio CRMX transmitter (DMX only) 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 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)