

P-10

Specifications			
Optics	Light source	48 x high-power 24W RGBW LEDs	
	LEDs expected lifetime	50,000 hours*	
Photometric	Beam angle	10°	
	Filter options	19°, 45°, 63°/12° elliptical horizontal and 12°/63° elliptical vertical plus empty filter frame for optional filters	
Photometric	Light output	39,690 lm** 7,127 lm (red)** 13,535 lm (green)** 2,821 lm (blue)**	
	Efficacy	33.3 lm/W	
	Intensity @ 5m	26,500 Lux	
	Color temperature range	2,000K - 10,000K	
	Colors in light source	Red, Green, Blue, White	
Features	Tilt	0° - 190°	
	LED panel	8 individually controllable segments	
	Filters	Magnetic easy-fit spread angle filters and color frame	
	Barndoors	Easy-fit click-on 4-way and 8-way barndoor system	
Electrical	AC power nominal	100 - 277 V 50/60 Hz	
	AC power max rating	90 - 305 V 50/60 Hz	
	Maximum inrush current	79A	
	Power supply unit	Auto-ranging electronic switch-mode	
	Maximum power consumption	1400 W	
	Typical power consumption	1130 W	
	Standby power	30 W	
	Power factor	0.99 PF (230 V)	
	Maximum power out @ 230 V	10A	
	Maximum power out @ 100 V	7A	
	Programming and Control	Protocol	USITT DMX512 A CRMX, W-DMX™ G2, W-DMX™ G3, W-DMX™ G4, W-DMX™ G4S RDM OLED graphical display / 4 buttons Software upgradable via SGM USB uploader cable (P/N:83062011)
Setting and addressing			
Stand alone mode		Quick Color 3 programs with up to 24 scenes	
Wireless DMX		LumenRadio CRMX	
Cabled DMX		5 pin XRL input/output	
DMX channels		6, 8, 10, 27 or 30	
Physical	Dimensions (L x H x W)	702 x 402 x 206 mm (27.63 x 15.82 x 8.11 in)	
	Weight	20.9 kg (46.08 lbs.)	
	Material	Aluminium, steel, plastic PC/ASA, rubber	
	Lens	PE and tempered glass front	
	IP class	IP65	
	Color options	White - RAL 9010 Black - RAL 9004 Custom color - any RAL	
Installation	Orientation	Any	
	Mounting point	3 x two quarter-turn locking points for one or two Omega Brackets	
	Safety features	2 x attachment points for safety wire Minimum distance to combustible materials: 0.3 m (11.8 in.) Minimum distance to illuminated surfaces: 0.3 m (11.8 in.)	
Thermal	Temperature range, Operation AC power	-40° to +50°C (-40° to +122°F)	
	Temperature range, Start-up AC power	-20° to +50°C (4° to +122°F)	
	Temperature range, Storage	-40° to +80°C (-40° to +176°F)	
	Humidity (max.)	98%	
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	Two Omega brackets with 1/4-turn fasteners 2 m power cable with Neutrik TRUE1 power connector User manual	
Fixtures and accessories	Fixtures	P-10, 10deg, Std, BL P-10, 10deg, Std, WH P-10, 10deg, Std, CU	
	Wireless transmitter	LumenRadio CRMX transmitter (DMX only)	
	Cables	SGM USB uploader cable 2 m power cable with Neutrik TRUE1	
	Filters and frames		Magnetic filter frame - Medium angle (19°) Magnetic filter frame - Wide angle (45°) Magnetic filter frame - Elliptical horizontal (63°x12°) Magnetic filter frame - Elliptical vertical (12°x63°) Magnetic filter frame for optional filters
		Bracket	Omega bracket
		Barndoor	Barndoor 4-way, P-10 Barndoor 8-way, P-10
		Flightcase	Flightcase for P-10 with accessories

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

\*\*Goniometer Scan / SGM Illumination Lab 1.6.0.0