

**P-10**

| Specifications           |                                       |  |
|--------------------------|---------------------------------------|--|
| Optics                   | Light source                          | 48 x high-power 24W RGBW LEDs  |
|                          | LEDs expected lifetime                | 50,000 hours*  |
| Photometric              | Beam angle                            | 10°  |
|                          | Light output                          | 40,000 lm**  |
| Features                 | 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  |
| Electrical               | Tilt                                  | 0° - 190°  |
|                          | LED panel                             | 8 individually controllable segments   |
|                          | Filters                               | Magnetic easy-fit spread angle filters and color frame   |
|                          | Barndoors                             | Easy-fit click-on 4/8 way barndoor system  |
| Programming and Control  | AC power nominal                      | 100 - 277V 50/60Hz   |
|                          | AC power max rating                   | 90 - 305V 50/60Hz  |
|                          | Maximum inrush current @ 240VAC       | 110A   |
|                          | Power supply unit                     | Auto-ranging electronic switch-mode  |
|                          | Maximum power consumption             | 1250W  |
|                          | Standby power                         | 19W  |
| Physical                 | Protocol                              | USITT DMX512 A<br>CRMX, W-DMX™ G2, W-DMX™ G3, W-DMX™ G4, W-DMX™ G4S  |
|                          | Setting and addressing                | RDM<br>Display/control panel<br>Software upgradable via SGM USB uploader cable (P/N:83062011)  |
|                          | Stand alone mode                      | Quick Color<br>3 programs with up to 24 scenes   |
|                          | Wireless DMX                          | LumenRadio CRMX  |
|                          | Cabled DMX                            | 5 pin XRL input/output   |
| Installation             | Dimensions (L x H x W)                | 702 x 402 x 206 mm (27.63 x 15.82 x 8.11 in)   |
|                          | Weight                                | 19.8 kg (43.65 lbs.)   |
|                          | Material                              | Aluminium, steel, plastic PC/ASA, rubber   |
|                          | IP class                              | IP65   |
|                          | Color options                         | White - RAL 9010<br>Black - RAL 9004<br>Custom color - any RAL   |
| Thermal                  | 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<br>Minimum distance to combustible materials: 0.3 m (11.8 in.)<br>Minimum distance to illuminated surfaces: 0.3 m (11.8 in.)   |
| Connections              | 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)   |
| Conforms to              | Temperature range, Storage            | -40° to +80°C (-40° to +176°F)   |
|                          | Humidity (max.)                       | 98%  |
| Included items           | AC power input                        | Neutrik TRUE1 power input connector  |
|                          | DMX data in/out                       | IP65 Switchcraft XLR 5-pin   |
| Fixtures and accessories | 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   |
| Fixtures and accessories | RoHS2 Directive                       | 2011/65/EU   |
|                          | Included items                        | Two Omega brackets with 1/4-turn fasteners<br>2 m power cable with Neutrik TRUE1 power connector<br>User manual  |
| Fixtures and accessories | Fixtures                              | P-10, 10deg, Std, BL<br>P-10, 10deg, Std, WH<br>P-10, 10deg, Std, CU   |
|                          | Wireless transmitter                  | LumenRadio CRMX transmitter (DMX only)   |
|                          | Cables                                | SGM USB uploader cable<br>2 m power cable with Neutrik TRUE1   |
|                          | Filters and frames                    | Magnetic filter frame - Medium angle (19°)<br>Magnetic filter frame - Wide angle (45°)<br>Magnetic filter frame – Elliptical horizontal (63°x12°)<br>Magnetic filter frame – Elliptical vertical (12°x63°)<br>Magnetic filter frame for optional filters |
|                          | Bracket                               | Omega bracket  |
|                          | Barndoor                              | Barndoor 4-way, P-10<br>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