

# P-10

IP 65 RGBW LED Wash / Strobe / Pixel / Blinder

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The SGM P-10 is a unique and extremely powerful all-in-one LED luminaire, ideal for stadiums, arenas, convention centers, high-rise office or hotel buildings, bridges, large format stage shows, sports, or any event that requires an ultra-bright and super-long throw luminaire.

It carries the functionalities of a wash light, a strobe light, a flood light, a pixel light, and a direct-view blinder with a non-fading continuous output, making it the perfect multi-purpose LED fixture.

It features a narrow native beam angle that can be modified through various optional magnetic and click-on accessory solutions such as holographic filters and barndoors.

**Designed to work as hard as you do.**



# Product Specifications



## TruColor™

Full Range LED Calibration  
Monitored Consistency  
Color Match



## ThermalDrive™

Advanced Temperature Control  
Predictive Algorithm  
Hybrid Cooling



## DryTech™

Integrated Patented Dehumidification  
Active Moisture Removal  
IP65 Rating



## PHOTOMETRIC DATA

- 48 x high power 24W RGBW LEDs
- 10° native lens  
18°, 45°, 63° x 12° and 12° x 63° via filters
- Color temperature range 2,000K - 10,000K
- Efficacy 28 lm/W
- 39,690 Lumens  
Red 7,127 lm, Green 13,535 lm, Blue 2,821 lm
- Lumen per kilogram 1,900 lm / Kg
- 67,249 lx @ 3m, 24,210 lx @ 5m, 6,052 lx @ 10m
- L70 @ 50,000 hrs

## FEATURES

- 8 individually controllable segments
- Color Filter Emulation
- Magnetic easy-fit spread angle filters and color frame
- Ultra-high-speed strobe effects
- 16-bit control Dimmer, Red, Green, Blue
- Tilt: 0° - 190°
- Tilt Locking System with angle indicator

## PHYSICAL

- 27.7 x 15.8 x 8.1 inches (702 x 402 x 206 mm)
- 46.1 lbs (20.9 kg)
- IP 65
- Color: Black, White, Custom RAL
- PE and tempered glass front
- Material: Aluminium, Steel, PC / ASA, Rubber

## ELECTRICAL

- 90 - 305V 50 / 60Hz
- Max power 1,400 W / Typical 1,150 W
- Standby power consumption 30 W
- Overload protection with automatic recover
- Inbuilt IP 67 Auto-ranging electronic switch-mode

## CONNECTIONS AND CONTROL

- IP 65 5 pin XLR In / Out
- IP 66 True1 Compatible Power In / Out
- Lumen Radio Wireless DMX with RDM
- Protocol support CRMX, W-DMX™ G2, W-DMX™ G3, W-DMX™ G4, W-DMX™ G4S; USITT DMX512A; RDM ANSI E1.20
- 13 DMX modes
- OLED graphical display, RDM ANSI E1.20
- Standalone mode, 3 programs with up to 24 scenes

## ORDERING INFORMATION

- 80033001 P·10, Std, BL
- 83060602 Omega Bracket with 1/4-turn fasteners
- 07860040 IP Power Cable
- 83062011 SGM USB uploader cable
- 83061136 Vacuum Test Kit
- 80070217 A·4
- 83061152 4-way Barndoors for P·10, Q·10
- 83061156 Filter frame for P·10 - medium angle
- 83061157 Filter frame for P·10 - wide angle
- 83061158 Filter frame for P·10 - elliptical horizontal
- 83061159 Filter frame for P·10 - elliptical vertical
- 83061160 Filter frame for P·10 - optional filters

## POI OPTION AVAILABLE

Designed for Permanent Outdoor Installations, the POI product package is specifically developed for durability and endurance in harsh environments.

All POI Fixtures include IP66 rating, C-5M marine protection, 5 year warranty and **DryTech™** technology.

## CERTIFICATIONS & CLASSIFICATIONS



RoHS IP65