



# G·Wash POI

## RGB LED Wash Projector



### Description

The G-Wash POI is a multi-environmental, maintenance-free RGB LED wash light with an IP66-rating. With one of the widest zoom ranges ever seen in a Fresnel-based wash luminaire, the G-Wash is able to create extremely bright colors from long distances with noiseless operation and accurate beam distribution. The integrated dehumidifier of the G-Wash POI ensures perfect inner cleanliness of the luminaire and no accumulation of dust or externally induced impact on internal optics,, or the light source unit.

### Features and benefits

- ✓ 13500 lumen RGB Fresnel LED wash light
- ✓ 2000K - 10000K CTC control, no hotspots, and 9° to 73° zoom range
- ✓ Ultra-high-speed strobe effect and built-in rotating and indexable beam shaper
- ✓ Ideal application: permanent medium and large-scale architectural installations in non-accessible outdoor locations
- ✓ Flicker-free / Programmable scenes / DMX, RDM, and wireless control
- ✓ 5-year warranty
- ✓ IP66-rated and patented built-in dehumidifier for a practically maintenance-free luminaire
- ✓ Corrosion class C5-M (marine) makes it ideal for coastal and offshore installations

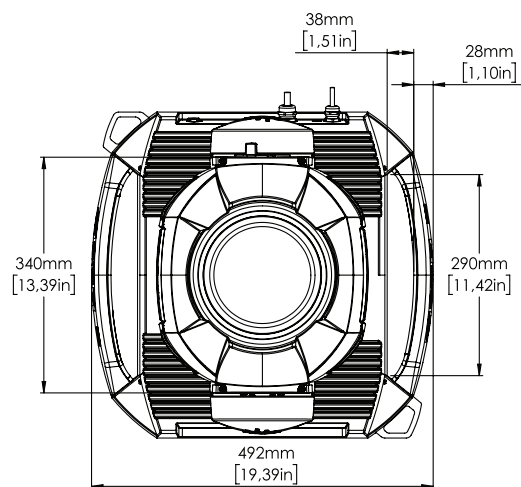
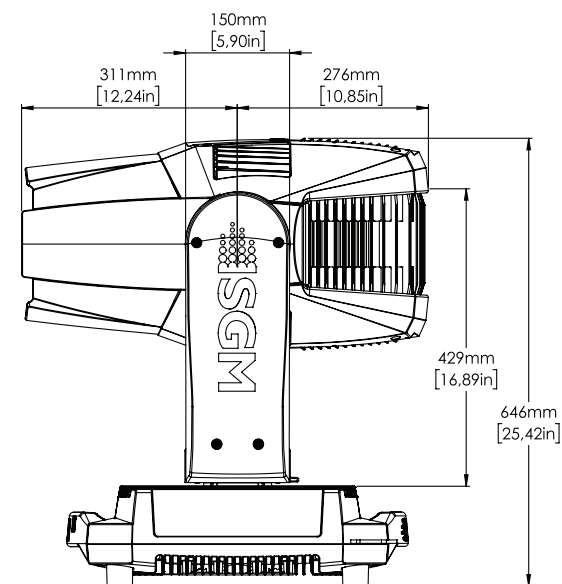
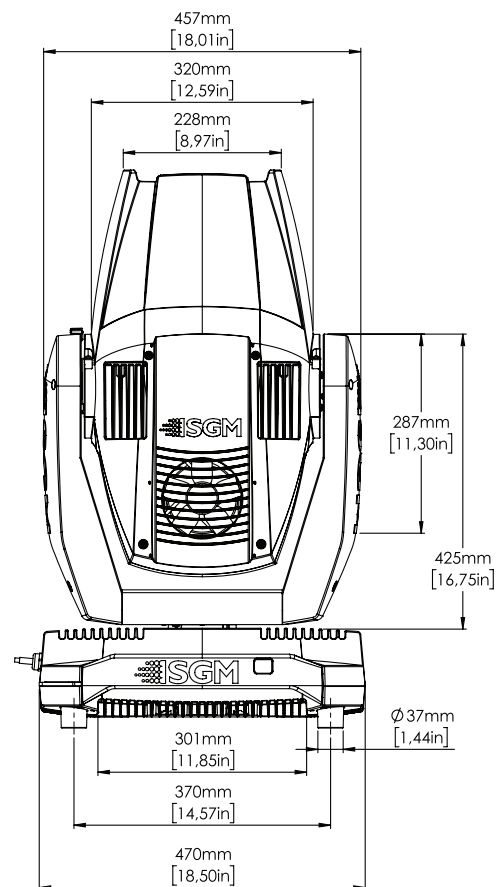
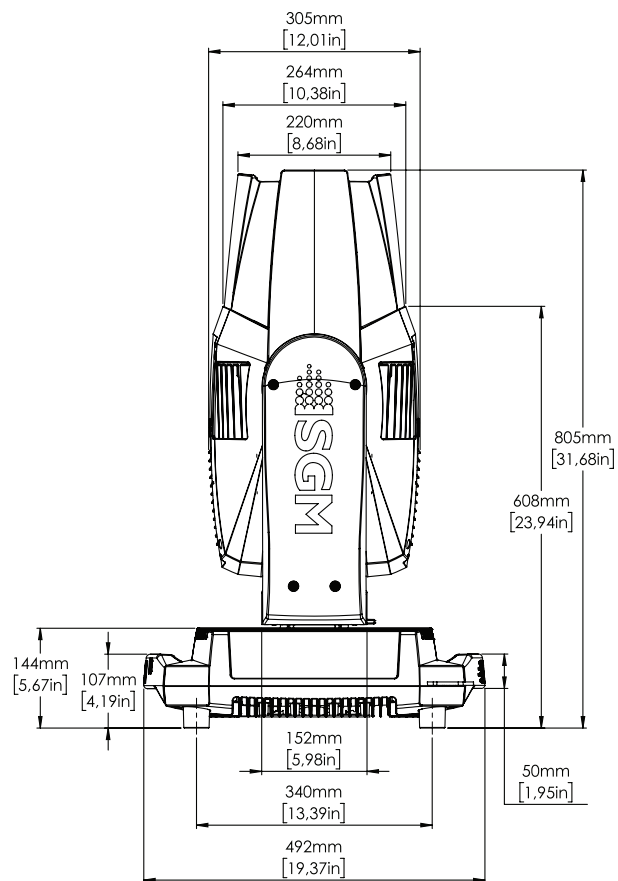
### Certifications & classifications

IP66

RoHS

CE





# Specification

|                     |                          |                                                                |
|---------------------|--------------------------|----------------------------------------------------------------|
| <b>Optical Data</b> | Fresnel lens diameter    | 200 mm                                                         |
|                     | LED expected lifetime    | 50,000 hours                                                   |
|                     | Lightsource              | High-power RGB LED                                             |
|                     | Zoom                     | Motorized                                                      |
|                     | Zoom range               | 9° to 73°                                                      |
| <b>Photometric</b>  | Color temperature range  | 2000K - 10000K                                                 |
|                     | Efficacy                 | 19 lm/W                                                        |
|                     | Light output all LEDs on | 13500 lm                                                       |
|                     | Light output blue        | 1400 lm                                                        |
|                     | Light output green       | 3800 lm                                                        |
|                     | Light output red         | 3800 lm                                                        |
|                     | Lux @ 10m                | 2593 lux                                                       |
| <b>Physical</b>     | Color options            | Black - RAL 9004<br>Custom color - Any RAL<br>White - RAL 9010 |
|                     | Corrosion class          | C5-M (ISO 12944)                                               |
|                     | IP class                 | IP66                                                           |
|                     | Lens material            | Tempered glass front                                           |
|                     | Material                 | Aluminium<br>Plastic PA6.6<br>Steel                            |
|                     | Net dimensions           | 585 x 821 x 492 mm                                             |
|                     | Net dimensions inches    | 23 x 32.3 x 19.4 inches                                        |
|                     | Net weight               | 49 kg (108 lbs)                                                |
|                     |                          |                                                                |
| <b>Features</b>     | Beam shaper              | Rotating and indexable                                         |
|                     | Dehumidifier             | Base / Head                                                    |
|                     | Dimming                  | Electronic                                                     |
|                     | Pan                      | 540°                                                           |
|                     | Power / DMX indicator    | Base                                                           |
|                     | Strobe                   | Ultra-high-speed strobe effects                                |
|                     | Tilt                     | 270°                                                           |
|                     | Variable aperture        | Intensity optimized / projection optimized                     |
| <b>Electrical</b>   | AC power, max.           | 190 - 264V 50/60Hz                                             |
|                     | AC Power, nominal        | 208 - 240V 50/60Hz                                             |

|                                |                              |                                                                                                      |
|--------------------------------|------------------------------|------------------------------------------------------------------------------------------------------|
|                                | Electrical Protection        | Overload protection                                                                                  |
|                                | Max Inrush Current 230VAC    | 30 A                                                                                                 |
|                                | Max power consumption        | 1050 W                                                                                               |
|                                | Power factor                 | 0.99 PF (230 V) PF (230V)                                                                            |
|                                | Power Supply Unit            | Auto-ranging electronic switch-mode                                                                  |
|                                | Standby power consumption    | 70 W                                                                                                 |
|                                | Typical power consumption    | 750 W                                                                                                |
| <b>Programming and Control</b> | 16-bit control               | Dimmer, colors, pan/tilt, zoom, beam shaper                                                          |
|                                | DMX channels                 | 16 or 19                                                                                             |
|                                | DMX modes                    | 2                                                                                                    |
|                                | Protocol                     | USITT DMX512A<br>RDM ANSI E1.20                                                                      |
|                                | Setting and addressing       | RDM ANSI E1.20                                                                                       |
| <b>Connections</b>             | DMX data in/out              | 5 meter cable for DMX in and out                                                                     |
|                                | Power                        | Power cable 5 meter with bare ends                                                                   |
| <b>Installation</b>            | Mounting point               | 4 x 2 M-10 locking points (suitable for two or four POI Omega Brackets)                              |
|                                | Orientation                  | Any                                                                                                  |
|                                | Rigging possibilities        | Hanging / horizontal mounted                                                                         |
|                                | Safety features              | 2 attachment points for safety wire<br>Minimum distance to combustible materials: 0.3 meter (11 in). |
| <b>Thermal</b>                 | Cooling                      | Active, Forced Air, Temperature-regulated                                                            |
|                                | Humidity (max.)              | 98 %                                                                                                 |
|                                | Temperature range, Operating | -40°C to 50°C                                                                                        |
|                                | Temperature range, Start-up  | -20°C to 50°C                                                                                        |
|                                | Temperature range, Storage   | -40°C to 80°C                                                                                        |
|                                | Thermal Protection           | Automatic overtemperature protection                                                                 |
| <b>Included items</b>          | Included items               | Safety instructions and installation quick guide<br>8 M-10 screws                                    |

#### NOTES:

Due to continuous improvements and innovations, specifications may change without notice.

LEDs' expected lifetime provided by manufacturer and obtained under manufacturer's test conditions.

Zoom range defined as a minimum beam angle to a maximum field angle.

Photometric measurements obtained with Goniometer Scan / SGM Illumination Lab 1.6.0.0.

Lumen output in pixel products is calculated.

## Ordering information

| Qty                      | Product name                | Item number |
|--------------------------|-----------------------------|-------------|
| <input type="checkbox"/> | G-Wash Moving Head, POI, WH | 80021155    |
| <input type="checkbox"/> | G-Wash Moving Head, POI, BL | 80021150    |
| <input type="checkbox"/> |                             |             |
| Accessories              |                             | Item number |
| <input type="checkbox"/> | SGM USB uploader cable      | 83062011    |
| <input type="checkbox"/> | Vacuum Test Kit             | 83061136    |
| <input type="checkbox"/> | RDM Addressing Tool         |             |
| <input type="checkbox"/> |                             |             |



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