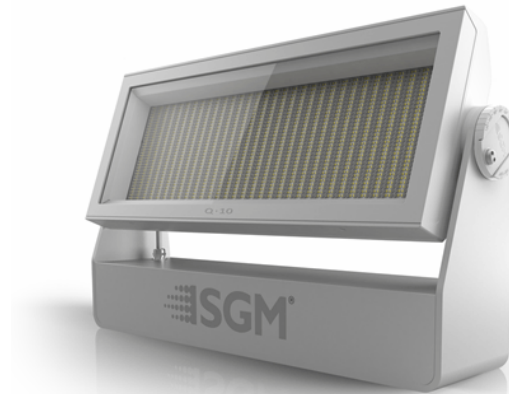




Q-10 POI

RGBW color LED flood blinder strobe



Description

SGM's Q-10 POI is a unique and extremely powerful IP66-rated outdoor LED wash and flood light, ideally suited for architectural applications with high demands, where very high-power wide effects are required at short to medium throws, thus, perfect for structures, bridge pylons, and buildings/facades. With the Q-10, it is possible to obtain a wide even-field coverage, while saving installation resources as less fixtures are needed for large-scale results.

Features and benefits

- ✓ Extremely powerful LED flood light with 59878 lumen RGBW
- ✓ Superior optical color mixing and no color shifts
- ✓ IP66-rated with a patented built-in dehumidifier for a maintenance free operation
- ✓ 100° wide-angle coverage
- ✓ Ideal application: Short to medium-throw
- ✓ Flicker-free operation with 100% smooth dimming performance
- ✓ 5-year warranty in corrosion class C5-M (marine)
- ✓ Rugged construction and compact size / lumen ratio

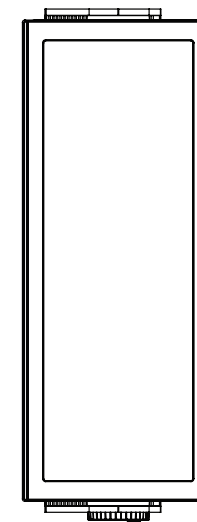
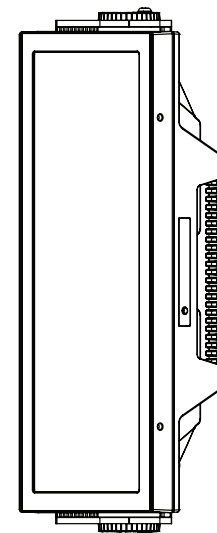
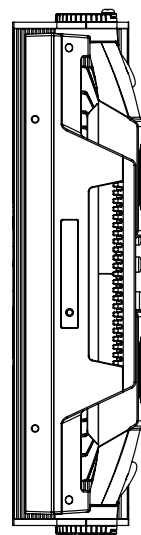
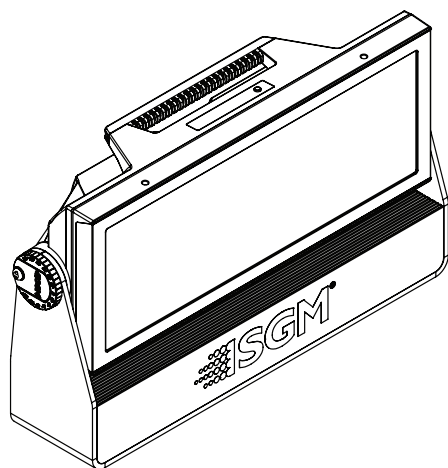
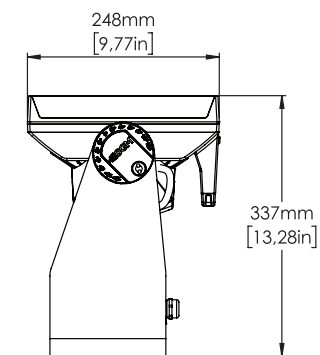
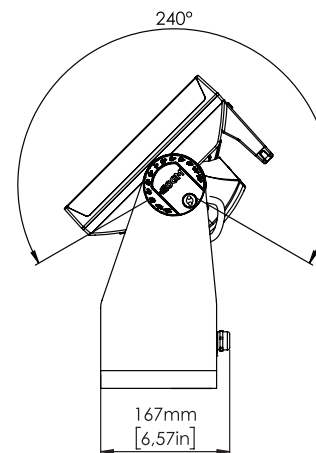
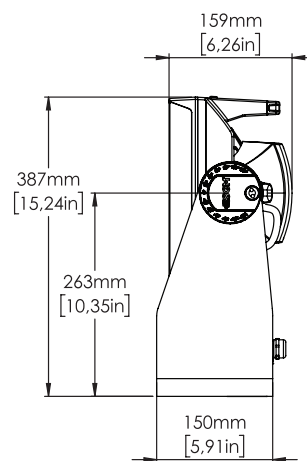
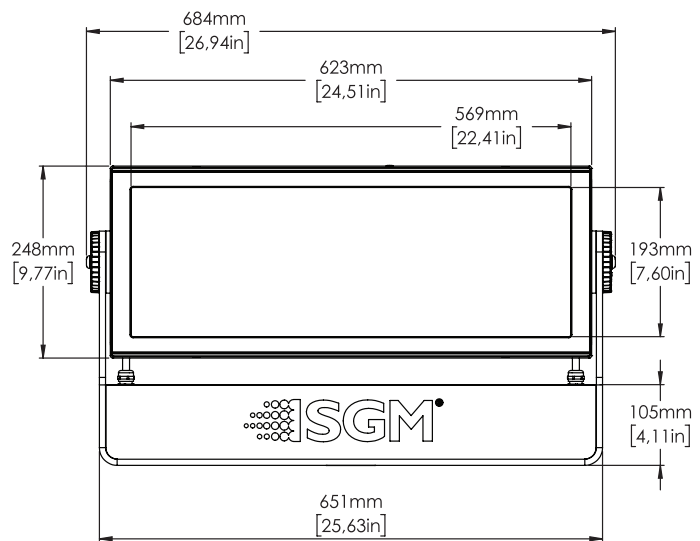
Certifications & classifications

IP66

RoHS

CE





Specification

Optical Data	LED expected lifetime	50,000 hours
	Lens	110° fixed
	Lightsources	2,048 x RGB SMD LEDs & 2,048 x white SMD LEDs (5,700K)
Photometric	Beam angle(s)	105° (with 110° lens)
	Color temperature range	2000K - 10000K
	CRI typical	83
	Efficacy	50 lm/W
	Light output all LEDs on	59878 lm
	Light output blue	2998 lm
	Light output green	15951 lm
	Light output red	5829 lm
	Lux @ 10m	233 lux
	Lux @ 3m	2593 lux
	Lux @ 5m	934 lux
	Maximum Field Angle	146 °
Physical	Color options	Black - RAL 9004 Custom color - Any RAL White - RAL 9010
	Corrosion class	C5-M (ISO 12944)
	IP class	IP66
	Material	Aluminium PC/ASA Plastic Rubber Steel
	Net dimensions	702 x 402 x 206 mm
	Net dimensions inches	27.7 x 15.8 x 8.1 inches
	Net weight	19.8 kg (43.7 lbs)
Features	Dehumidifier	Base / Head
	Dimming	Electronic
	LED panel	8 individually controllable segments
	Power / DMX indicator	Base
	Strobe	Ultra-high-speed strobe effects
	Tilt	0 - 190°
	Tilt Locking System	POI Locking system with pignose bolts and angle indicator

Electrical	AC power, max.	90 - 305V 50/60Hz
	AC Power, nominal	100 - 277V 50/60Hz
	Electrical Protection	Overload protection with automatic recover
	Max Inrush Current	110 A
	Max power consumption	1250 W
	Power factor	0.99 PF (230 V)
	Power Supply Unit	Auto-ranging electronic switch-mode
	Standby power consumption	39 W
Programming and Control	Typical power consumption	1000 W
	16-bit control	Dimmer, Red, Green, Blue
	DMX channels	6, 8, 10, 27 or 30
	DMX modes	7
	Protocol	CRMX, W-DMX™ G2, W-DMX™ G3, W-DMX™ G4, W-DMX™ G4S USITT DMX512A Wireless RDM RDM ANSI E1.20
	Setting and addressing	RDM ANSI E1.20
	Wireless DMX	Lumen Radio with RDM
Connections	DMX data in/out	5 meter cable for DMX in and out Connection plate with terminals
	Power	Power cable 5 meter with bare ends Connection plate with terminals
Installation	Mounting point	3 x 2 M-10 locking points (suitable for two or three optional POI Omega brackets)
	Orientation	Any
	Rigging possibilities	Hanging / horizontal mounted
	Safety features	2 attachment points for safety wire Minimum distance to combustible materials: 0.3 meter (11 in).
Thermal	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
Included items	Thermal Protection	Automatic overtemperature protection
	Included items	POI Pignose-lock Key with magnet

Conforms To	CE - 2014/30/EU: EMC Directive	EN 55103-1 EN 55103-2 EN 55015 EN 61547 EN 61000-3-2 EN 61000-3-3
	CE - 2014/35/EU: Low Voltage Directive	EN 60598-1 EN 60598-2-17 EN 62471 EN 60529
	RoHS2 Directive UL	2011/65/EU UL Std. 1573

Certified To	CSA	CSA-E598-2-17-98, Ed: 1 CSA E60598-1, Ed: 3
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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
☐	Q-10, POI, BL	80270403
☐	Q-10, POI, WH	80270404
☐	Q-10, POI, CU	80270405
☐		
Accessories		Item number
☐	SGM USB uploader cable	83062011
☐	Vacuum Test Kit	83061136
☐	Spanner key / Magnet for POI	19080604
☐	Mounting plate, 90° - Large, POI P/Q/i-series	83060622
☐	Mounting plate, flat - Large, POI P/Q/i-series	83060618
☐	RDM Addressing Tool	
☐	Anti-glare shield, half - Large, POI, P/Q Series	83061163
☐	Anti-glare shield, full - Large, POI, P/Q Series	83061167
☐		



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