



Q·2 POI

RGBW LED Flood Light



Description

The Q-2 POI is a bright and powerful IP66-rated outdoor LED wash and flood light, ideally suited for small to medium sized applications such as building facades, landscapes and trees, signage, and architectural features. Besides sharing some of the key features of the larger Q-7 POI, like color calibration and wide angle lighting coverage, the Q-2 also includes the benefits of three-segment pixel mapping control and low power consumption.

Features and benefits

- ✓ High-performance color LED flood light
- ✓ Ideal application: building facades, landscape and trees, signage, and architectural features
- ✓ Superior RGBW color mixing
- ✓ 5-year warranty in corrosion class C5-M (marine)
- ✓ 110° wide-angle coverage
- ✓ Rugged and ultra-compact construction in only 6kg (13.2lbs.) / Low power consumption (140W)
- ✓ Flicker-free operation with 100% smooth dimming performance
- ✓ IP66-rated with a patented built-in dehumidifier for a maintenance free operation

Certifications & classifications

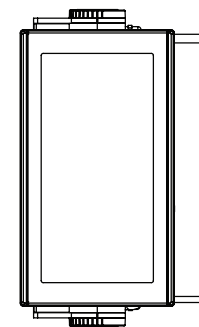
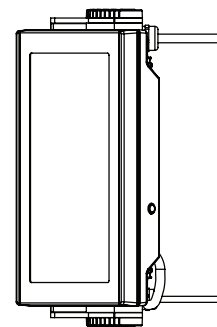
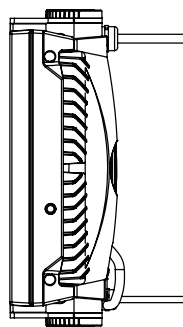
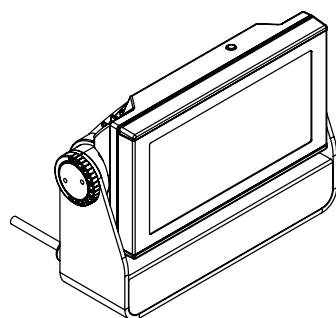
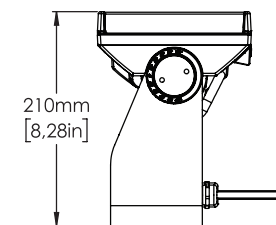
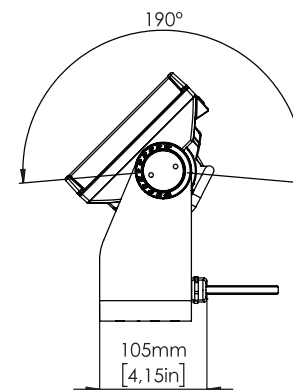
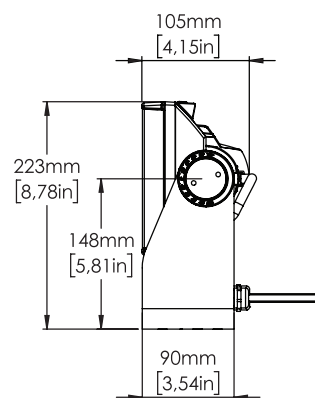
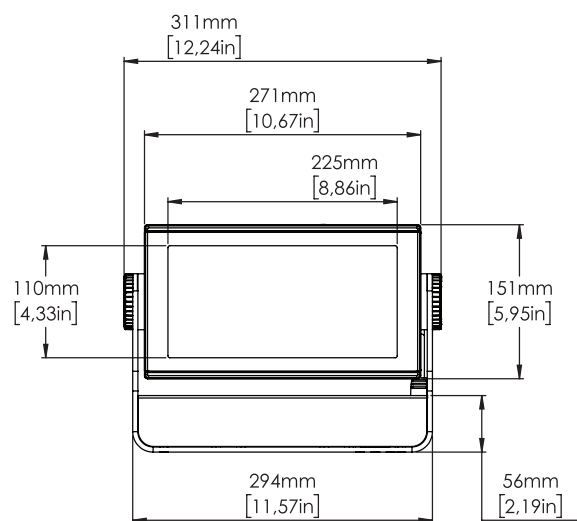
IP66

RoHS

CE

ETL

ECO FRIENDLY



Specification

Optical Data	LED expected lifetime	50,000 hours
	Lens	110° fixed
	Lightsource	864 x RGBW SMD LEDs (5,700K)
Photometric	Beam angle(s)	107° (with 110° lens)
	Color temperature range	2000K - 10000K
	Efficacy	46 lm/W
	Light output all LEDs on	9000 lm
	Light output blue	562 lm
	Light output green	2250 lm
	Light output red	1379 lm
	Lux @ 10m	35 lux
	Lux @ 5m	141 lux
Physical	Maximum Field Angle	154 °
	Color options	Black - RAL 9004 Custom color - Any RAL White - RAL 9010
	Corrosion class	C5-M (ISO 12944)
	IP class	IP66
	Lens material	Tempered glass front
	Material	Aluminium
	Net dimensions	334 x 223 x 105 mm
	Net dimensions inches	13.2 x 8.8 x 4.1 inches
	Net weight	6 kg (13.2 lbs)
Features	Dehumidifier	Head
	Dimming	Electronic
	LED panel	3 individually controllable segments
	Power / DMX indicator	Head
	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
	Max Inrush Current 230VAC	75 A

	Max power consumption	265 W
	Power factor	96 PF (230 V)
	Power Supply Unit	Inbuilt IP 67 Auto-ranging electronic switch-mode
	Standby power consumption	5 W
	Typical power consumption	140 W
Programming and Control	16-bit control	Dimmer, Red, Green, Blue
	DMX channels	3, 6, 9, 12, 15 or 22
	DMX modes	6
	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
	Power	Power cable 5 meter with bare ends
Installation	Mounting point	2 M-10 locking points (suitable for one optional POI Omega bracket)
	Orientation	Any
	Rigging possibilities	Hanging / horizontal mounted
	Safety features	Bottom mount 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
	Thermal Protection	Automatic overtemperature protection
Included items	Included items	POI Pignose-lock Key with magnet Safety instructions and installation quick guide 2 M-10 screws
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	2011/65/EU
	UL	UL Std. 1573
Certified To	CSA	CSA-E598-2-17-98, Ed: 1 CSA E60598-1, Ed: 3

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-2, POI, BL	80230403
☐	Q-2, POI, WH	80230404
☐	Q-2, POI, CU	80230405
☐		
Accessories		Item number
☐	SGM USB uploader cable	83062011
☐	Vacuum Test Kit	83061136
☐	Anti-glare shield, half - Small, POI, P/Q/i Series	83061161
☐	Anti-glare shield, full - Small, POI, P/Q/i Series	83061164
☐	Spanner key / Magnet for POI	19080604
☐	Mounting plate, 90° - Small, POI P/Q/i-series	83060619
☐	Mounting plate, flat - Small, POI P/Q/i-series	83060616
☐	RDM Addressing Tool	
☐		



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