



Q·8 POI

RGBW LED Wash Light



Description

The Q-8 combines the compact size and low power consumption of the Q-7 with the advanced industrial design of the Q-10. This high color quality fixture features RGBW mixing with pixel-mapping control and over 50,000 lumens of output, all in a durable IP66 housing.

Features and benefits

- ✓ IP66-rated 110° LED luminaire with >50,000 lumens
- ✓ High CRI and high TLCI (above 90) with RGBW mixing
- ✓ CTC linear control from 2,000K to 10,000K
- ✓ RGBW mixing
- ✓ High-quality dimming performance with color filter emulation / SGM Versapath ready

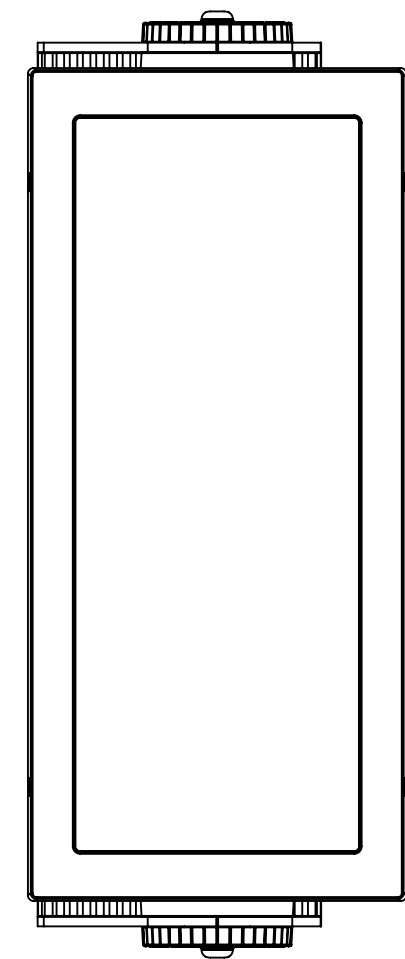
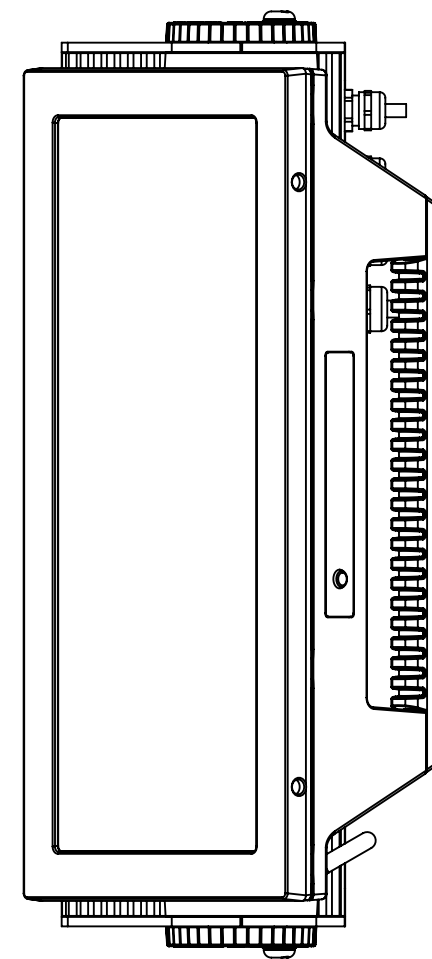
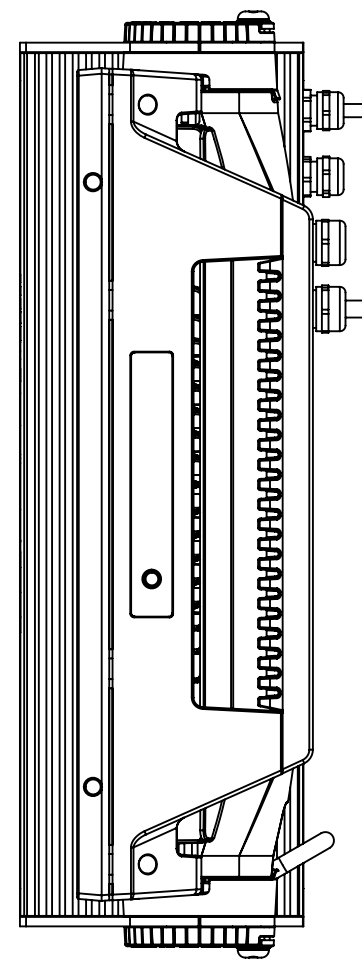
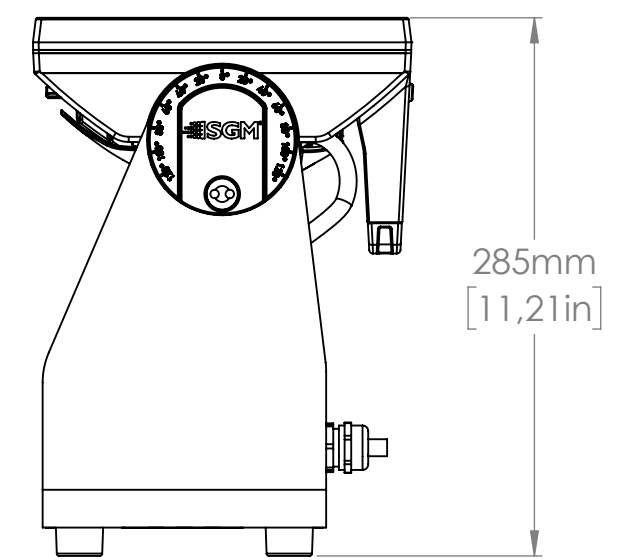
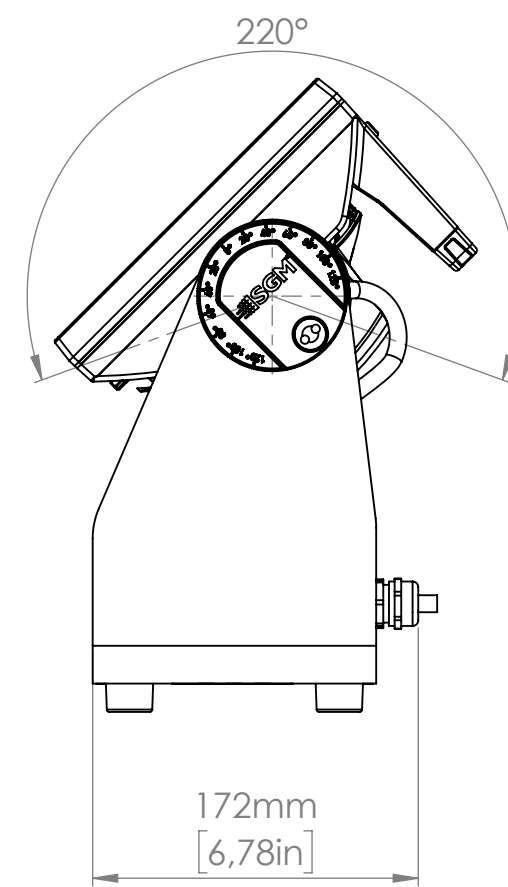
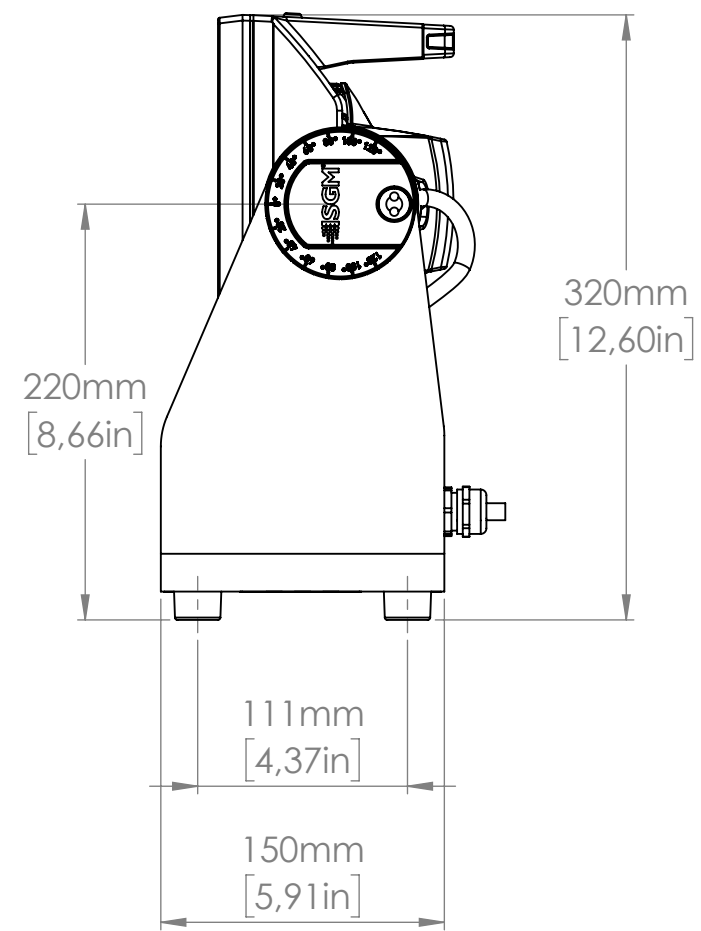
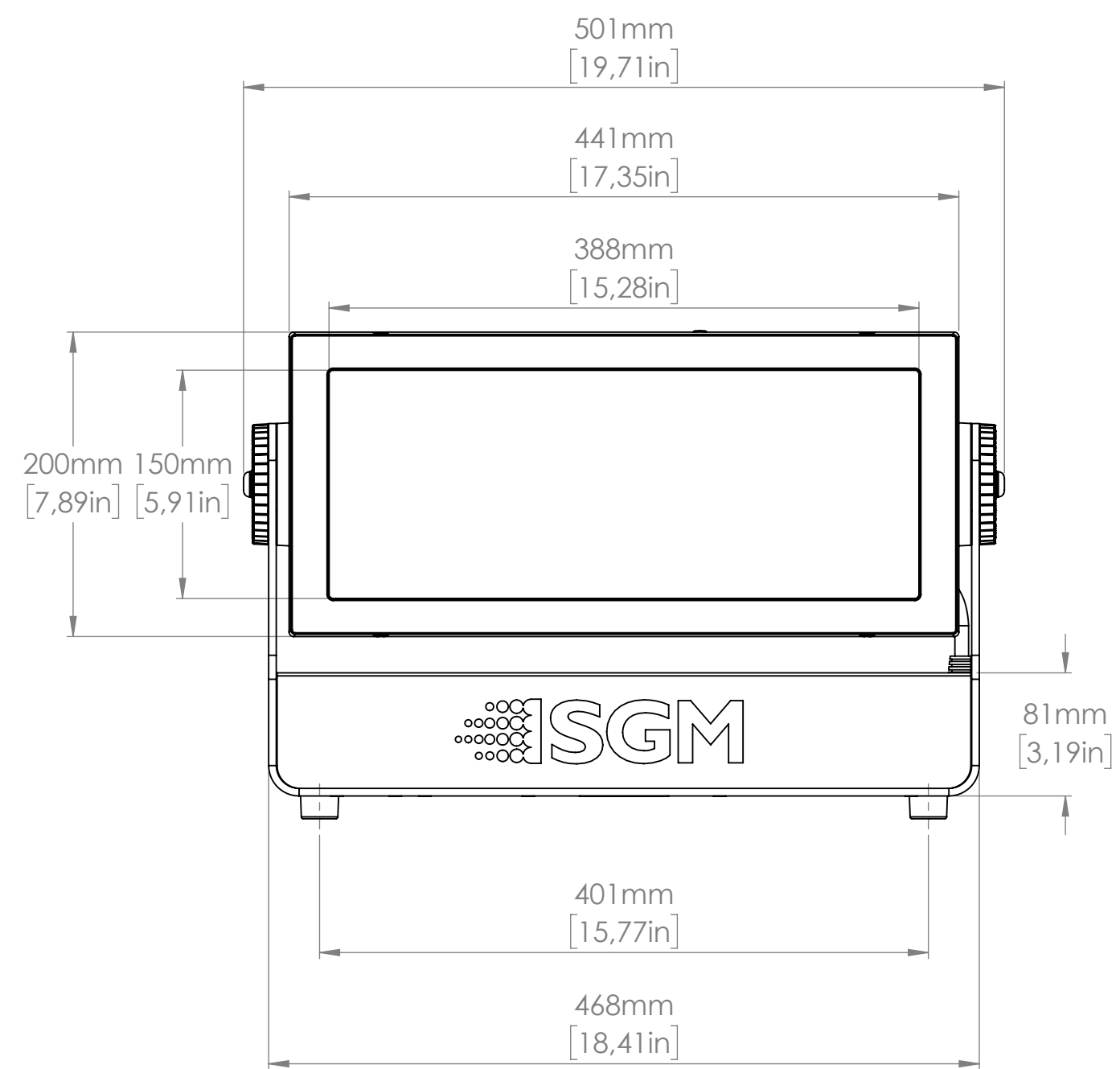
Certifications & classifications

IP66
INGRESS

RoHS
COMPLIANT

CE





Specification

Optical Data	LED expected lifetime (L70)	50,000 hours
	Lightsource	880 x RGB LEDs, 880 x W LEDs (5,700K)
	Native lens options	105°
Photometric	Average CQS (CTC)	92
	Average CRI (CTC)	90
	Average RF / TM-30-15 (CTC)	89
	Color temperature range	2000K - 10000K
	Efficacy	112 lm/W
	Light output all LEDs on	51771 lm
	Lumen per kilogram	3835 lm / Kg
	Max. CRI @ 5600K	96
	Maximum beam angle	105 °
	Native beam angle(s)	105°
Physical	Native field angle(s)	133°
	Color options	Black - RAL 9004 Custom color - Any RAL White - RAL 9010
	Corrosion class	C5 (ISO 12944:2018)
	IK rating	IK06
	IP class	IP66
	Lens material	Tempered glass front
	Material	Aluminium PC/ASA Rubber Steel
	Net dimensions L x H x W	520 x 320 x 166 mm
	Net dimensions L x H x W (inches)	20.5 x 12.6 x 6.5 inches
	Net weight	13.5 kg (29.8 lbs)
Features	Addressable pixels	4
	Color calibration	SGM proprietary, full color calibration
	Dehumidifier	Head
	Dimming	12 DMX-controllable curves (smooth fade in / fast response / low-end extended range)
	Emulation mode / effect	Tungsten response emulation Color Filter Emulation
	LED panel	4 individually controllable segments

	Other	Studio DMX mode(s) Versapath color engine LED frequency control over DMX + High Speed mode (up to 2000 fps)
	Strobe	Ultra-high-speed strobe effects Dual color RGBW strobe Intensity, Duration, Rate and FX control channels
	Tilt	220°
	Tilt locking system	Locking system with angle indicator
	View angle	110°
Electrical	Electrical protection	Overload protection with automatic recover
	Input voltage, nominal	115 - 277 VAC; 50 / 60 Hz
	Max inrush current 230VAC	70 A
	Max power consumption	630 W
	Power factor	0.96 PF (230 V)
	Power Supply Unit	Inbuilt IP 67 Auto-ranging electronic switch-mode
	Standby power consumption	8 W
Programming and Control	16-bit control	Dimmer, Red, Green, Blue, White, Pixels
	DMX channels	3, 4, 6, 8, 10, 22, 33
	DMX modes	7
	Protocol	CRMX, W-DMX™ G2, W-DMX™ G3, W-DMX™ G4, W-DMX™ G4S USITT DMX512A RDM ANSI E1.20
	Setting and addressing	RDM ANSI E1.20
	Standalone mode	Quick Color 3 programs with up to 24 scenes
	Wireless DMX	Lumen Radio with RDM
Connections	Data cable diameter	6,5 mm +/- 0,2 mm
	Power cable diameter	8,5 mm +/- 0,3 mm
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 or ceiling / wall mount (optional)
	Safety features	Bottom mount for safety wire Minimum distance to combustible materials: 0.3 meter (11 in).

Thermal	Cooling	Active, Forced Air, Temperature-regulated
	Total heat dissipation, max power	2149.6 BTU per hour
	Total heat dissipation, standby	27.3 BTU per hour
Included items	Included items	POI Pignose-lock Key with magnet Safety instructions and installation quick guide 6 M-10 screws
Conforms To	CE - 2014/30/EU: EMC Directive	EN 55015
		EN 61547
		EN 61000-3-2
		EN 61000-3-3
		EN 55032
		EN 55035
Conforms To	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 Std. C22.2 No. 166

Ordering information

Qty	Product name	Item number
☐	Q-8 Flood Strobe, POI, BL	80251750
☐	Q-8 Flood Strobe, POI, WH	80251751
☐	Q-8 Flood Strobe, POI, CU	80251752
☐		
Accessories		Item number
☐	SGM USB uploader cable, POI	83062067
☐	Universal Bracket	83060641
☐		



Headquarter [+45 70 20 74 00](tel:+4570207400)

Mail info@sgmlight.com

Website sgmlight.com