



# 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

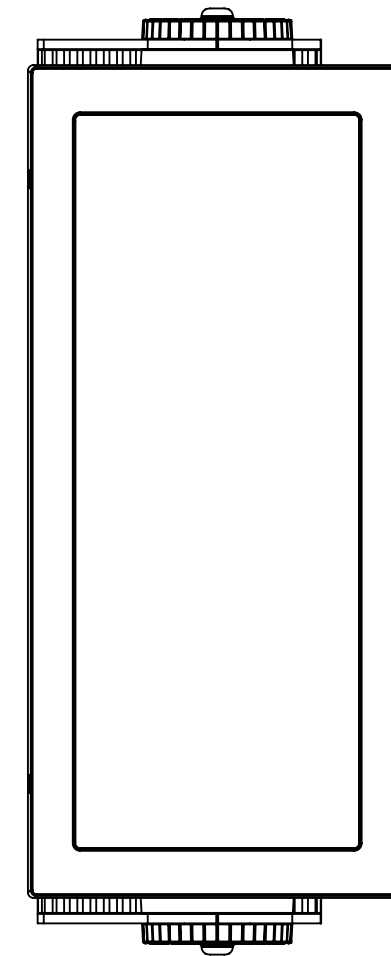
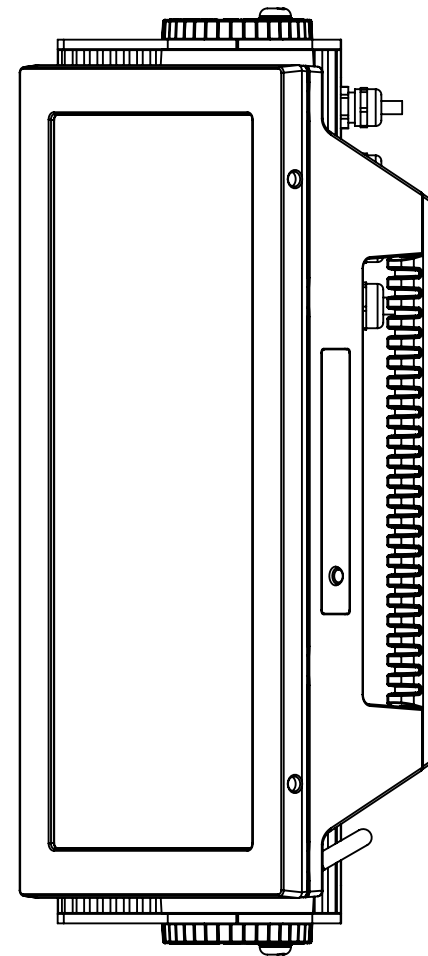
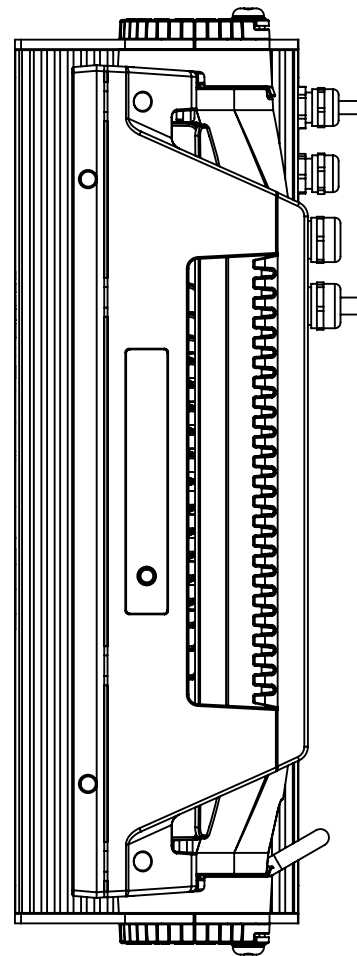
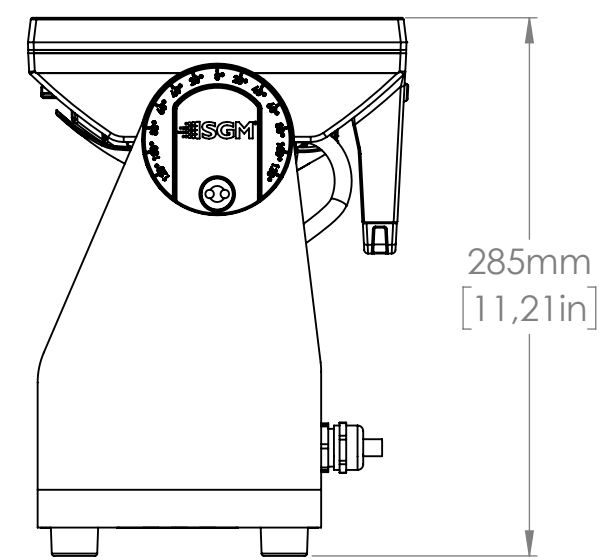
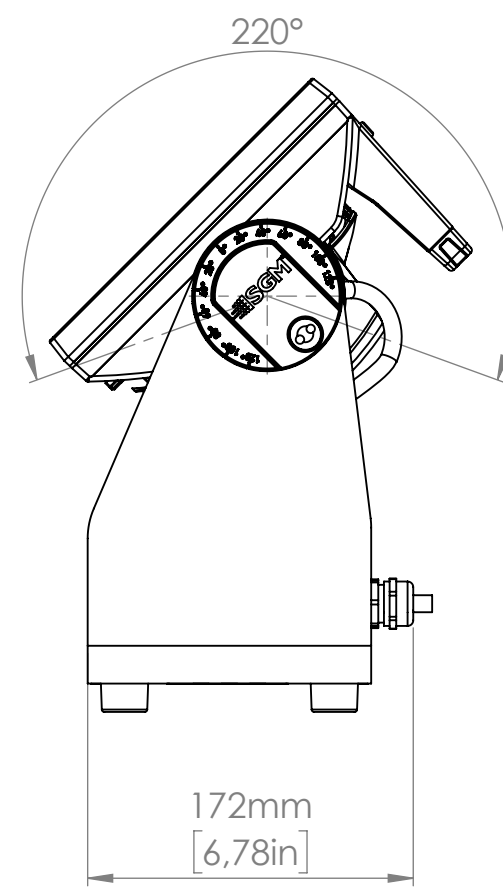
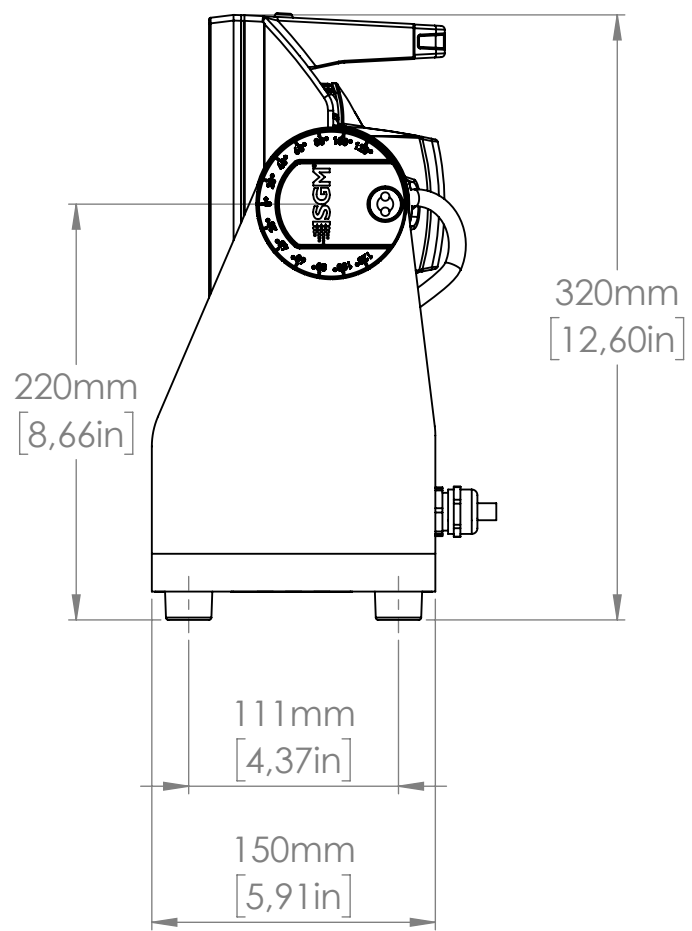
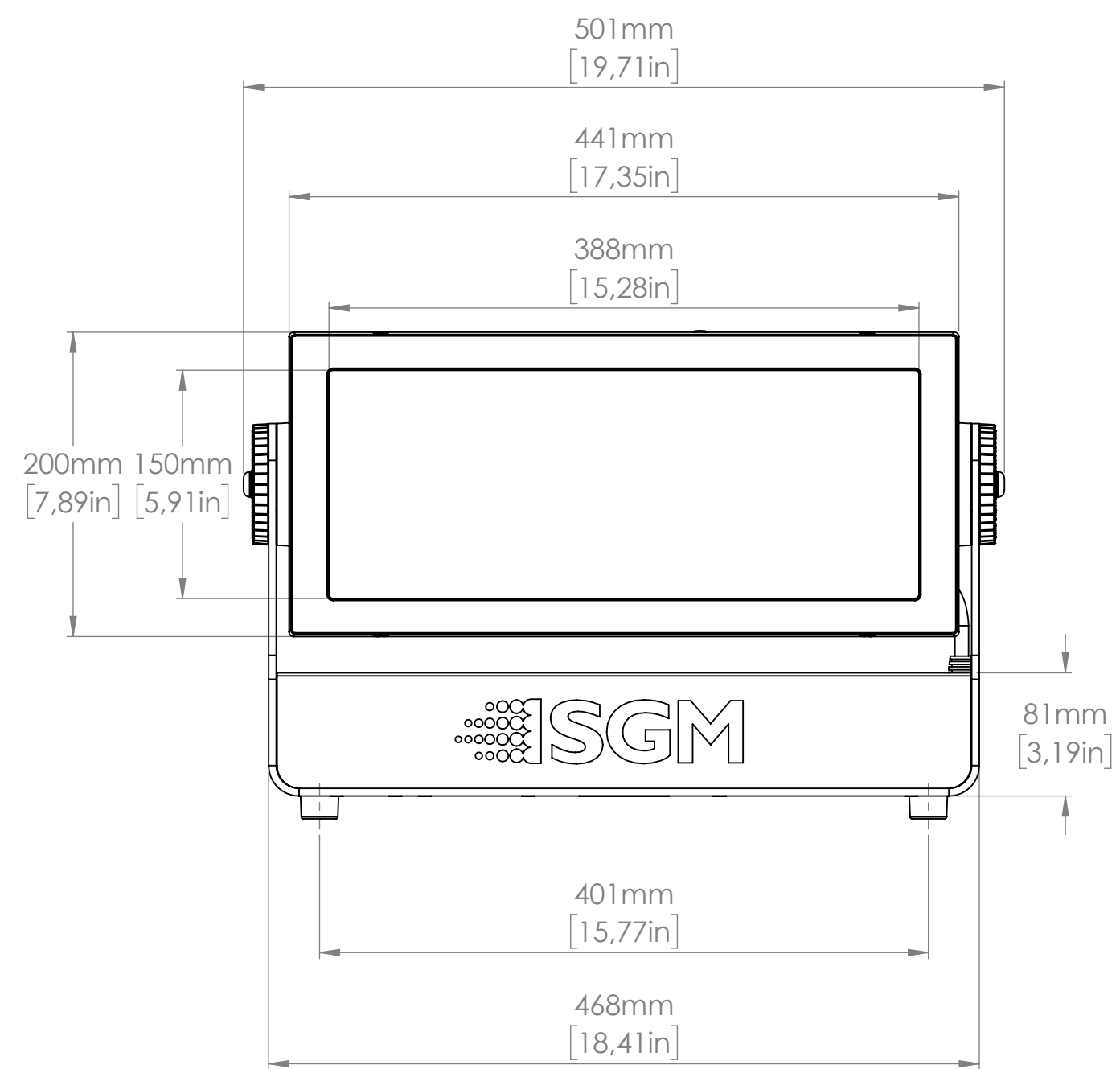
- ✓ IP66-rated 110° LED luminaire with >50,000 lumens
- ✓ High CRI and high TLCI (above 90) with RGBW mixing
- ✓ CTC linear control from 2,000K to 10,000K
- ✓ RGBW mixing
- ✓ High-quality dimming performance with color filter emulation / SGM Versapath ready

### Certifications & classifications

IP66

RoHS





# Specification

<b>Optical Data</b>	LED expected lifetime	50,000 hours
	Lightsource	880 x RGB LEDs, 880 x W LEDs (5,700K)
	Native lens options	110°
<b>Photometric</b>	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	107 °
	Native beam angle(s)	107° (panel with 110° lens)
<b>Physical</b>	Native field angle(s)	140° (panel with 110° lens)
	Color options	Black - RAL 9004 Custom color - Any RAL White - RAL 9010
	Corrosion class	CX (C5-M - ISO 12944)
	IK rating	IK06
	IP class	IP66
	Lens material	Tempered glass front
	Material	Aluminium PC/ASA Rubber Steel
	Net dimensions	520 x 320 x 166 mm
	Net dimensions inches	20.5 x 12.6 x 6.5 inches
	Net weight	13.5 kg (29.8 lbs)
<b>Features</b>	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°
<b>Electrical</b>	Electrical protection	Overload protection with automatic recover
	Input voltage, absolute max. rating	100 - 305 VAC; 50 / 60 Hz
	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
<b>Programming and Control</b>	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
<b>Connections</b>	Data cable diameter	6,5 mm +/- 0,2 mm
	Power cable diameter	8,5 mm +/- 0,3 mm
<b>Installation</b>	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).

<b>Thermal</b>	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
<b>Included items</b>	Included items	POI Pignose-lock Key with magnet Safety instructions and installation quick guide 6 M-10 screws
<b>Conforms To</b>	CE - 2014/30/EU: EMC Directive	EN 55103-2
		EN 55015
		EN 61547
		EN 61000-3-2
		EN 61000-3-3
		EN 55032
	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
<b>Certified To</b>	CSA	CSA Std. C22.2 No. 166

#### 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"/>	Q-8 Flood Strobe, POI, BL	80251750
<input type="checkbox"/>	Q-8 Flood Strobe, POI, WH	80251751
<input type="checkbox"/>	Q-8 Flood Strobe, POI, CU	80251752
<input type="checkbox"/>		
	Accessories	Item number
<input type="checkbox"/>	SGM USB uploader cable, POI	83062067
<input type="checkbox"/>	Universal Bracket	83060641
<input type="checkbox"/>		



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