Q·7

RGBW LED flood blind strobe

DISCONTINUED

Description

The Q-7 defined a new level of power, accuracy, and flexibility in the lighting world, well-known as one of the most versatile strobe flood lights in the industry. Not only is it a stunningly bright audience blinder, it is also a low-profile flood light and a wide-angle wash luminaire. Its excellent performance in any conditions is the primary reason why some of the top lighting designers choose the Q-7 as their main light for touring, events, theatrical productions, architectural installs, or corporate shows. Due to its revolutionary product features, the Q-7 won the prestigious PIPA Award for Best Lighting Product of the Year 2015.

Features and benefits

- ✓ High performance IP65 RGBW LED light source
- ✓ Powerful high-speed strobe / More than 25163 lumens
- ✓ Accurate 16bit dimming performance
- ✓ Flicker-free / Programmable scenes
- ✓ 110º wide-angle coverage
- ✓ DMX, RDM, and wireless control
- ✓ 2000K - 10000K CTC control
- ✓ Practically maintenance-free

Certifications & classifications

IP65
INGRESS

RoHS
COMPLIANT

CE

496mm
[19,53in]

437mm
[17,20in]

390mm
[15,35in]

144mm
[5,67in]

192mm
[7,55in]

Q·7

SGM

65mm
[2,55in]

456mm
[17,95in]

107mm
[4,20in]

268mm
[10,57in]

173mm
[6,79in]

90mm
[3,54in]

190°

120mm
[4,72in]

223mm
[8,79in]
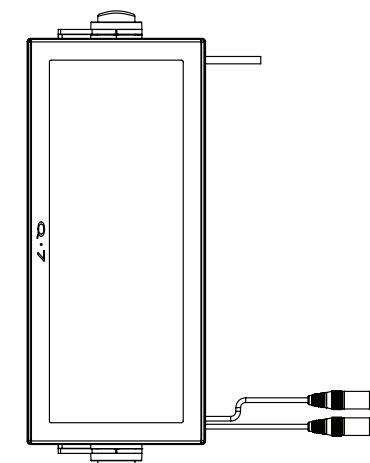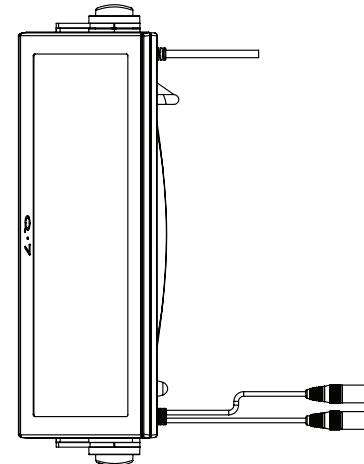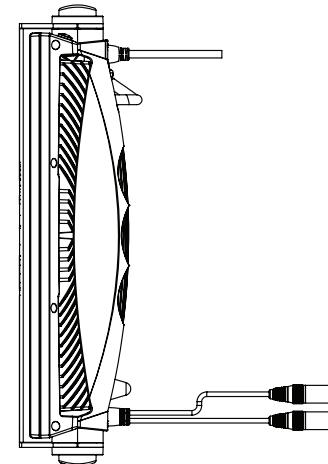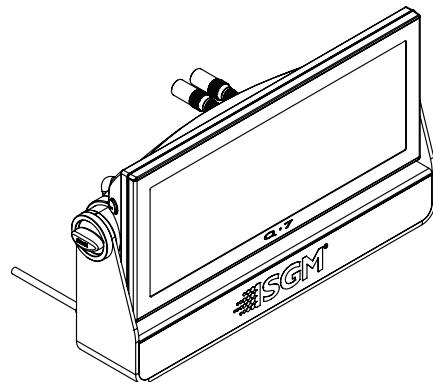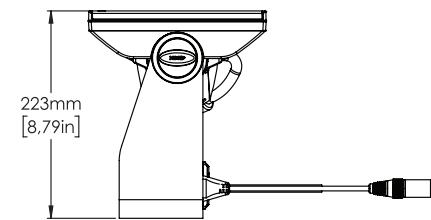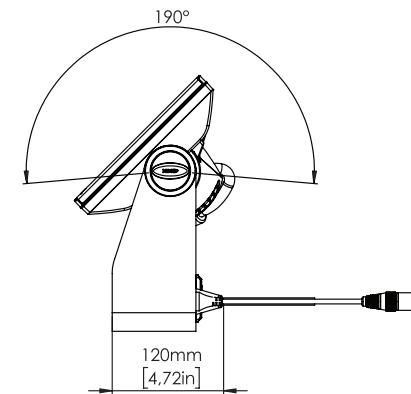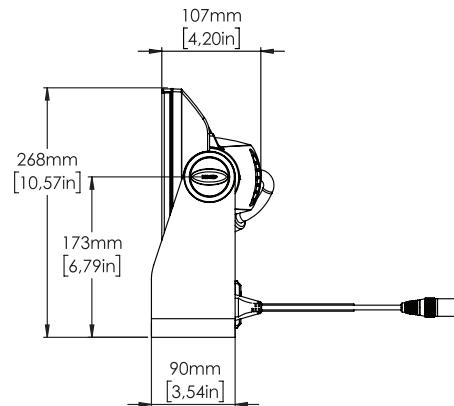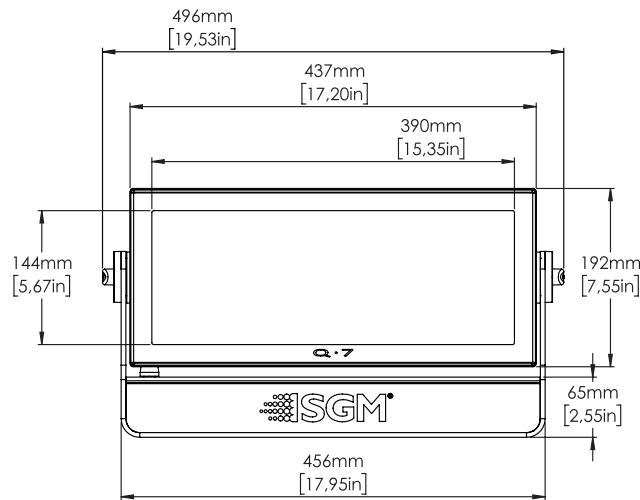
Specification

Optical Data

LED expected lifetime (L70)	50,000 hours
Lens options (built-in)	110°
Lightsource	2,000 x RGBW SMD LEDs (5,700K)
Optional filters	Extra medium angle soft diffusion, Q, external Extra wide angle soft diffusion, Q, external Elliptical horizontal effect, Q, external Elliptical vertical effect, Q, external

Photometric

Average CRI (CTC)	84
Color temperature range	2000K - 10000K
Efficacy	53 lm/W*
Light output - all LEDs on	25163 lm
Light output - blue	1256 lm
Light output - green	6948 lm
Light output - red	3193 lm
Lumen per kilogram	3107 lm / Kg
Lux @ 10m	95 lux
Lux @ 3m	1051 lux
Lux @ 5m	378 lux
Native beam angle(s)	110° (with 110° lens)
Native field angle(s)	146°

Physical

Color options	Black - RAL 9004 Custom color - Any RAL White - RAL 9010
Effective Projected Area	1.72 Square ft
IP class	IP65
Lens material	Tempered glass front
Material	Aluminium
Net dimensions L x H x W (imperial)	19.6 x 10.6 x 4.8 inches
Net dimensions L x H x W (metric)	497 x 268 x 122 mm
Net weight	8.1 kg (17.9 lbs)

Features

Color calibration	SGM proprietary, full color calibration
Dimming	2 Smooth fade in, DMX-controllable curves: gamma corrected, and linear
Filters	Optional external spread angle filters (requires Accessory Holder)

	Other	LED frequency control, display selectable
	Strobe	Ultra-high-speed strobe effects Intensity, Duration, Rate and FX control channels
	Tilt	0 - 190°
Electrical	Electrical protection	Overload protection
	Input voltage (nominal)	208 - 240 VAC; 50 / 60 Hz
	Max inrush current 230VAC	45 A
	Max power consumption	465 W
	Power factor	0.99 PF (230 V)
	Power Supply Unit	Auto-ranging electronic switch-mode
	Standby power consumption	8 W
Programming and Control	16-bit control	Dimmer, Red, Green, Blue, White
	Cabled DMX	5 pin XLR input/output
	DMX channels	3, 4, 6, 8, 9 or 10
	DMX modes	7
	Protocol	USITT DMX512A Wireless DMX (LumenRadio) RDM ANSI E1.20
	Setting and addressing	OLED graphical display / 4 buttons RDM ANSI E1.20 RFID Standalone mode
	Standalone mode	Quick Color Standalone mode programmable via RFID Up to 24 programmable scenes
	Wireless DMX	Lumen Radio with RDM
Connections	DMX data in/out	2 IP65 XLR 5-pin cables 0.5m (permanently wired)
	Power	Power cable 1 meter with bare ends (permanently wired)
Installation	Mounting point	2 x 2 quarter-turn locking points for one or two Omega brackets
	Orientation	Any
	Rigging possibilities	Floor stand (included) or hanging (Omega clamps included)
	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
	Total heat dissipation, max power	1586.6 BTU per hour
	Total heat dissipation, standby	27.3 BTU per hour
Included items	Included items	Wireless DMX antenna Mounting bracket (incl. screws) 2 Omega bracket with quater-turn fasteners Safety instructions and installation quick guide
Conforms To	CE - 2014/30/EU: EMC Directive	EN 55015 EN 61547 EN 61000-3-2 EN 61000-3-3 EN 55032 EN 55035
	CE - 2014/35/EU: Low Voltage Directive	EN 60598-1
		EN 60598-2-17 EN 62471 EN 60529
	RoHS2 Directive	2011/65/EU

Ordering information

Qty	Product name	Item number
☐		

Qty	Accessories	Item number
☐	BCC-2 Dual Bracket	83060603
☐	BCC-4 Quad Bracket	83060604
☐	Omega Bracket with 1/4-turn fasteners	83060602
☐	4-way Barndoors for P·5, i·5, X·5, Q·7	83061120
☐	8-way Barndoors for P·5, i·5, X·5, Q·7	83061121
☐	Accessory Holder for X·5 & Q·7	83061123
☐	Color Frame for P·5, Q·7, X·5, i·5	83061122
☐	Floor Stand for P·5, X·5 & Q·7	83060610
☐	Flight Case for 4 pcs of P·5/Q·7/X·5	82051501
☐	Flight Case for 4 pcs of P·5/Q·7/X·5 incl. barndoors	82051502
☐	SGM USB uploader cable	83062011
☐	SGM Vacuum Test Kit	83061136
☐	RDM Addressing Tool	
☐	Spigot adapter for omega bracket	83060639
☐		