Solar 48Q

ORDER CODE: SOLAR48Q



SOURCE	IP RATING	WEIGHT
48x10W RGBW LEDs	**IP65 for temporary outdoor use**	**12,9kg / 28.44lbs**

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TECHNICAL SPECIFICATIONS

LIGHT SOURCE

Source:	48x10W RGBW LEDs
Luminous flux:	28'213 @Full
Lux:	(25°) 4'638lx @5 m full
Lux:	(45°) 986lx @5 m full
Source life expectancy:	> 50.000 h

OPTICS

Beam angle:	25°
Additional optics:	10° / 15° / 45° / 40° filter / 60° filter/ 10x60° filter / 30x60° filter
Other:	magnetic 40° filter included, barn door not included

COLOUR SYSTEM

CCT:	CCT control through dedicated DMX channel
Colour wheel:	virtual colour wheel with macros
Macros:	several pre-built macros with adjustable speed

DYNAMIC EFFECTS

FX generator:	section effect with 4 horizontal individually select and control sections
Static mode:	selection of static colour
Manual mode:	manual adjustment of colour
Auto mode:	built-in programs with execution speed adjustment

CONTROL

Supported Protocols:	DMX512, RDM, W-DMX
DMX channels:	5 / 7 / 10 / 17 / 22ch
RDM:	for remote addressing and parameter configuration
Display:	Graphic User Interface
Master/Slave:	for synchronised operation of more units linked in a chain

MOVEMENT

Tilt:	0 - 150° with manual adjustment

ELECTRONICS

Dimmer:	linear 0 - 100% electronic dimmer
Dimmer curves:	4 selectable dimming modes available
Strobe / shutter:	1 - 30 Hz, electronic
Display battery:	included, self-charging battery backup
Selectable PWM:	600 to 25,000 Hz (selectable steps)
Firmware upgrade with:	via DMX with UPBOXPRO/ UPBOX1 (not included)

CONNECTIONS

Power connection:	Seetronic powerCON waterproof IN/OUT connectors
Signal connection:	Seetronic XLR 5p IN/OUT connectors
Wireless Connection:	integrated LumenRadio TiMo FX RDM - CRMX and W-DMX compatible
Data connection:	W-DMX receiver

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TECHNICAL SPECIFICATIONS

ELECTRICAL

Mains power supply:	100-240V - 50/60Hz
Max power consumption (230V):	520W
Output (at 230V):	4 units on a single power line
Power factor:	> 0,95

PHYSICAL

IP rating:	IP65 for temporary outdoor use
Cooling:	fan-free with natural convection
Housing:	Sturdy die-cast aluminium body
Finish:	black
Operating temperature:	Ta -20 to +45 °C (-4 to +113 °F)
Dimensions (WxHxD):	563x314x93mm
Weight:	12,9kg

INSTALLATION

Suspension and fixing:	bracket for hanging and floor positioning
Bracket system:	floor stand bracket compatible with quick-lock Omega brackets
Hardware on-board:	magnetic filter frame with 40° filter

CERTIFICATIONS / REPORTS

Compliance:	CE, UKCA, RCM

BOX CONTENT

1 x SOLAR48Q

1 x OS25PLUS

1 x S48QFILTER40

1 x 1,5 meters 3G1,5mmq power cable (BARE END - SEETRONIC POWERCON TRUE1 IP65 power connector)

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ACCESSORIES & RELATED PRODUCTS



OS25PLUS

Quick-lock omega bracket, M12 hole



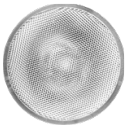
AETHERBOXONE

IP65 1x universe CRMX transceiver, DMX, Ethernet protocols, Wi-Fi, Bluetooth, battery-ready, POE



AETHERBOX

IP65 1 universe CRMX transceiver, DMX and Ethernet protocols, Wi-Fi, Bluetooth and battery ready



S27QLENS25

25° lens for SOLAR27, ARCPOD27, SOLAR48, ARCPOD48, ARCPOD15 and ARCPOD96 series



S48QFILTER60

60° symmetric light diffusion filter for SOLAR48Q



S48QFILTER40

40° symmetric light diffusion filter for SOLAR48Q



S48QFILTER1060

10x60° (VxH) asymmetric light diffusion filter for SOLAR48Q



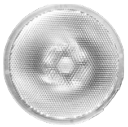
S48QFILTER3060

30x60° (VxH) asymmetric light diffusion filter for SOLAR48Q



S27QLENS10

10° lens for SOLAR27, ARCPOD27, SOLAR48, ARCPOD48, ARCPOD15 and ARCPOD96 series



S27QLENS15

15° lens for SOLAR27, ARCPOD27, SOLAR48, ARCPOD48, ARCPOD15 and ARCPOD96 series



S27QLENS45

45° lens for SOLAR27, ARCPOD27, SOLAR48, ARCPOD48, ARCPOD15 and ARCPOD96 series



S48QBD

Black barn door 4 directional flaps to adjust the light beam, SOLAR4Q,ARCPOD48Q



FCLS48Q

Flightcase for 6 pcs of SOLAR48Q

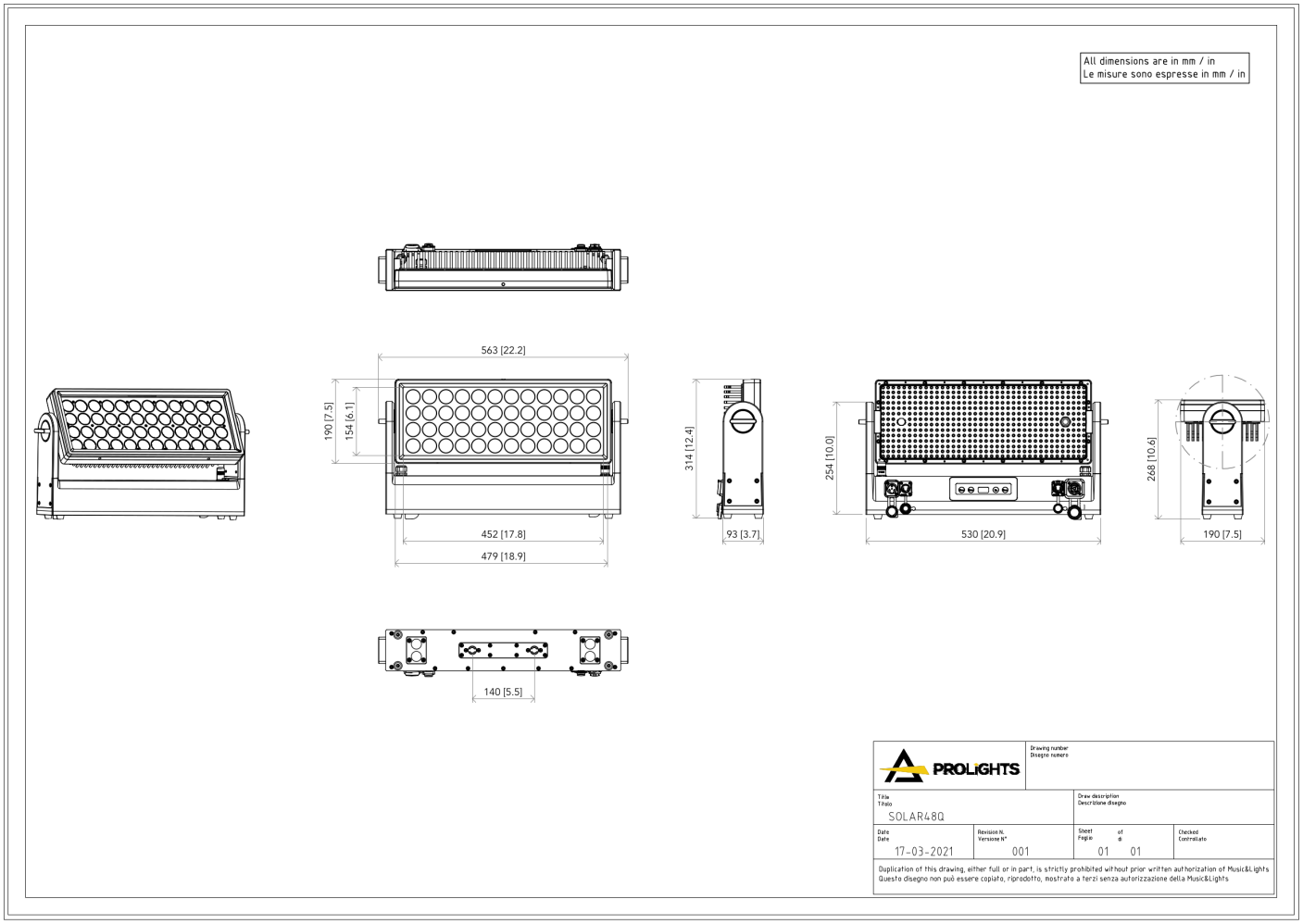


UPBOXPRO

Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

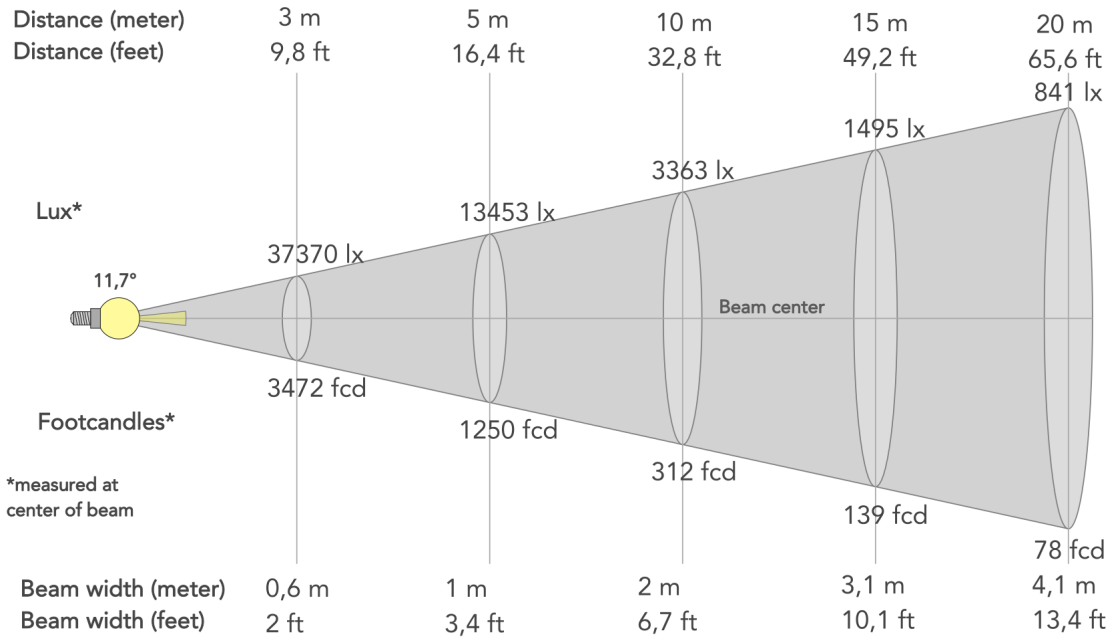
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TECHNICAL DRAWINGS



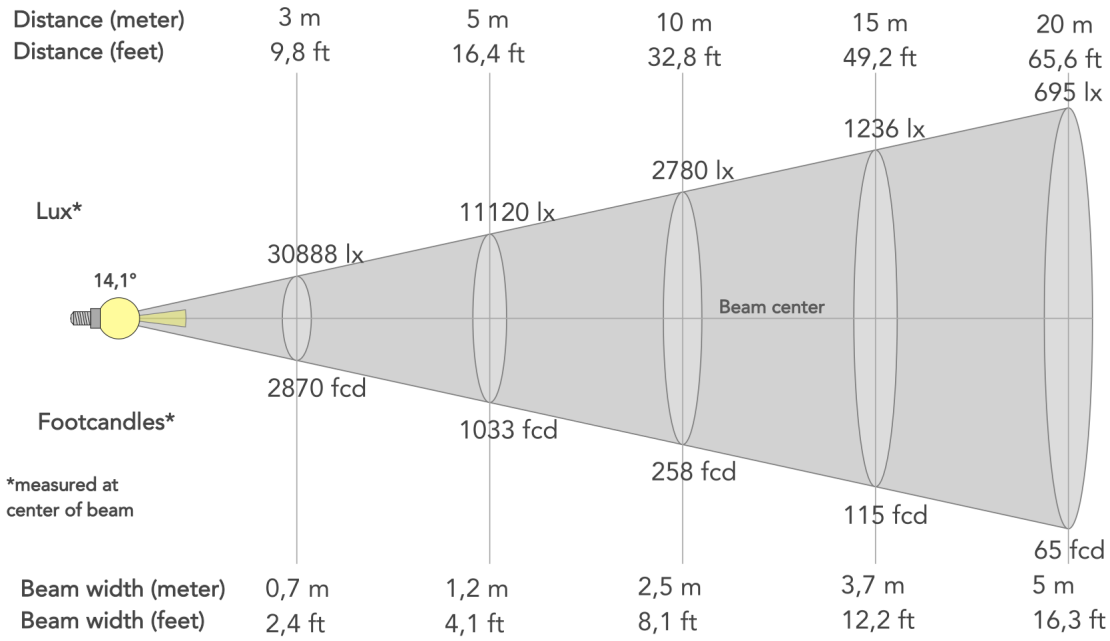
PHOTOMETRICS

Full on - 10°



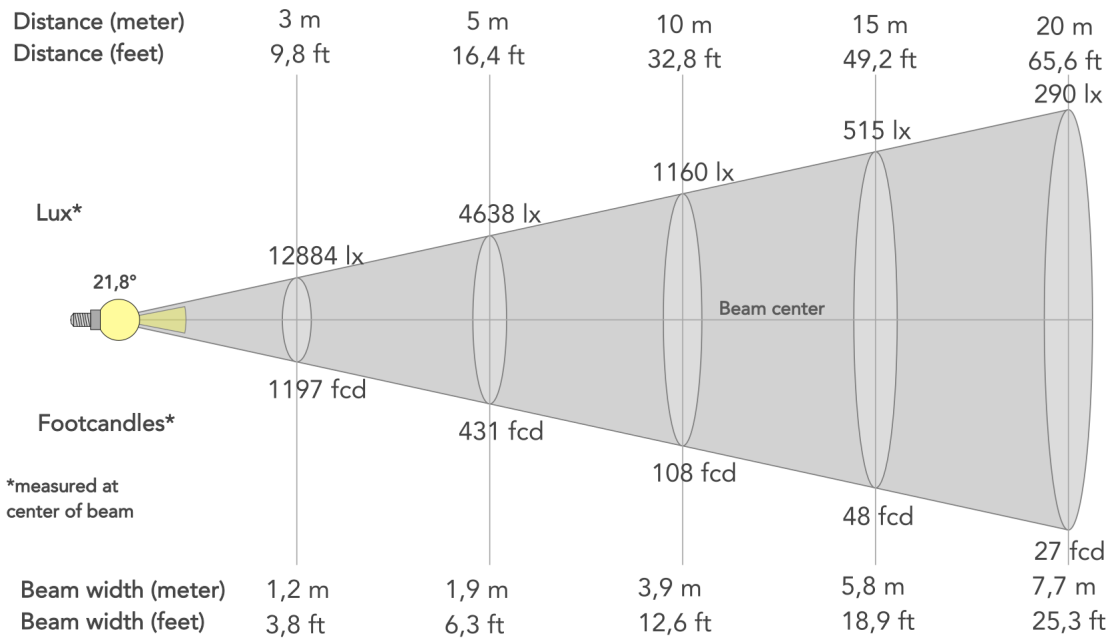
Beam angle (50%): **11.7°**	Field angle (10%): **19.8°**	Cut-off angle (2.5%): **27.8°**

Full on - 15°



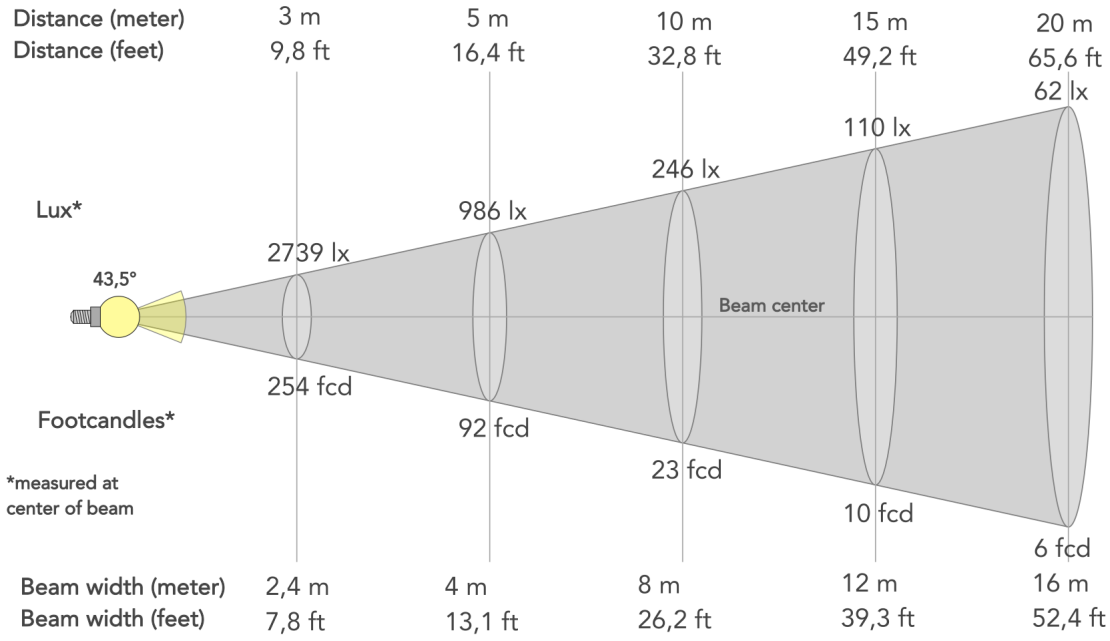
Beam angle (50%): **14.1°**	Field angle (10%): **25.8°**	Cut-off angle (2.5%): **37.8°**

Full on - 25°



Beam angle (50%): **21.8°**	Field angle (10%): **37.9°**	Cut-off angle (2.5%): **54.9°**

Full on - 45°



Beam angle (50%): **43.5°**	Field angle (10%): **80°**	Cut-off angle (2.5%): **104°**

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