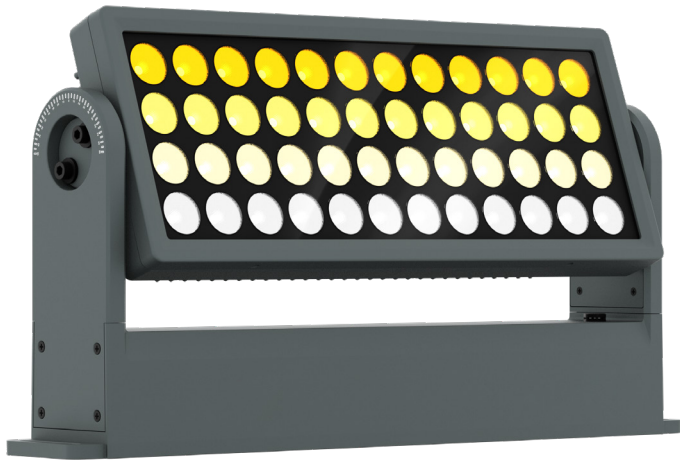# ArcPod 48Q

48x10W RGBW/FC outdoor IP66 LED wash light for exterior installations
ORDER CODE: **ARCPOD48Q**

ArcPod 48Q is a compact high-power exterior wash light featuring an outstanding brightness of 23'000 lumens. It is equipped with 48x10W RGBW / FC LEDs, delivering a limitless reproduction of colours and whites. **ArcPod** 48Q is designed slim and fanless, and it's completed by a wide selection of available optics, making the ArcPod 48Q an incredibly flexible and versatile device for any outdoor install.

MAIN FEATURES

- 48x10W RGBW / FC LEDs delivering 23'000 lumens
- LED emitters controllable in 4 sections
- Compact form factor and fanless

TECHNICAL SPECIFICATION

LIGHT SOURCE
- Source: 48x10W RGBW / FC LEDs
- Luminous flux: (10°) 18'421 lm; (15°) 22'977 lm; (25°) 20'741 lm; (45°) 16'408lm @full
- Lux: (10°) 37'370 lx; (15°) 30'888 lx; (25°) 12'884 lx; (45°) 2'739lx @3 m full
- Lux: (10°) 13'453 lx; (15°) 11'120 lx; (25°) 4'638 lx; (45°) 986lx @5 m full
- Source life expectancy: > 50.000 hrs (L70B10 @Ta 25° C / 77° F)

OPTICS
- Beam angle: 15°
- Field angle: 27°
- Additional optics: 10° - 25° - 45° (optional)

COLOUR SYSTEM
- Colour mixing: RGBW / FC
- CCT: CCT control through dedicated DMX channel
- White presets: 2.800 K ~ 10.000K
- Colour wheel: virtual colour wheel with macros
- Macros: several pre-built macros with adjustable speed

DYNAMIC EFFECTS
- FX generator: up to 4 linear controllable sections
- Static mode: selection of static colour

BODY
- Tilt angle: 0 ~ 130° with manual regulation
- Body: sturdy die-cast aluminium body
- Body colour: RAL 7012

CONTROL
- Protocols: DMX512, RDM
- DMX channels: 5 / 7 / 10 / 17 / 22channel
- Pixel control: up to 4 linear controllable sections
- RDM: RDM for remote monitoring and settings
- Display: user interface through DATAMASTER external coder (not included)
- Firmware upgrade: yes, via USB - DMX interface (UPBOX1) not included
- Master/Slave: for synchronised operation of more units linked in a chain

ELECTRONICS
- Dimmer: linear 0 ~ 100% electronic dimmer
- Dimmer curves: 4 selectable dimming modes available
- Strobe / shutter: 1 ~ 30 Hz, electronic
- Operating temperature: -20° C / +45° C (-4° F / +113° F)
- LED Control: flicker free operation
- Selectable PWM: 600 ~ 25.000 Hz

ELECTRICAL
- Max power consumption: 700
- Mains power supply: 100-240V - 50/60Hz
- Max power consumption: 521W
- Max power consumption (at 120V): 552W
- Output (at 230V): 4 units on a single power line
- Output (at 120V): 2 units on a single power line
- Power factor: 0,95

PHYSICAL
- IP rating: 66 for outdoor installations
- IK rating: 08
- Cooling: passive cooling and fan-free
- Adaptors: XLR and Schuko 16A adaptors included
- Signal connection: moulded IP signal IN/OUT connectors
- Power connection: moulded IP power IN/OUT connectors
- Dimensions (WxHxD): 584x304x93mm
- Weight: 14kg

CERTIFICATIONS / APPROVALS
- Certifications / Approvals: CE, UKCA, RCM, cTUVus, FCC

ACCESSORIES & RELATED PRODUCTS

C6002B	Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black
FCLA48Q	Flight case for 6 pcs of ARCPOD48Q
RSR0630B	Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black
A48QFILTER20 30/40/60/80	20°/30°/40°/60°/80° symmetric light diffusion filter for ARCPOD48Q and ARCPOD96Q 15x44,7 cm
A48QFILTER1090/1060 3060/9010/6010/6030	10°x90°/10°x60°/30°x60°/90°x10°/60°x10°/60°x30° asymmetric light diffusion filter for ARCPOD48Q and ARCPOD96Q 15x44,7 cm
S27QLENS10/15/25/45	10°/15°/25°/45° lens for SOLAR27Q, ARCPOD27Q, SOLAR48Q, ARCPOD48Q, ARCPOD15Q and ARCPOD96Q

S48QBD	Black barn door 4 directional flaps to adjust the light beam, SOLAR4Q,ARCPOD48Q
DATAMASTER	RDM/DMX tool,cable tester, 5p XLR connectors,pouch, charging cable, XLR adapters
AWEXAC1L03/05/10/20	IP67 power extension cable for outdoor architectural projectors, L.03/05/10/20 m
AWEXDC1L03/05/10/20	IP67 DMX extension cable for outdoor architectural projectors, L.03/05/10/20 m
UPBOX1U	Firmware uploader kit, USB IN, 3pin XLR DMX OUT, USB OUT

PRESET FULL ON
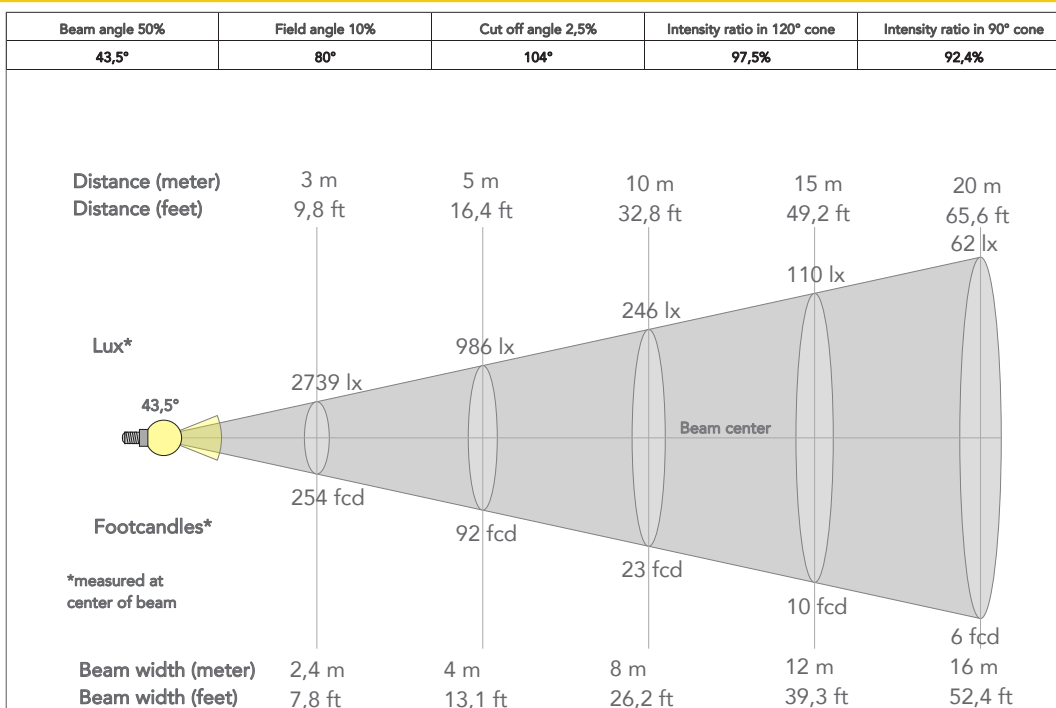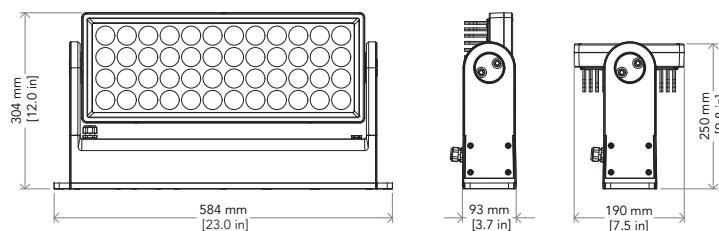Beam angle 50%:15°

Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
14,1°	25,8°	37,8°	99,7%	98,3%

Distance (meter)	3 m	5 m	10 m	15 m	20 m
Distance (feet)	9,8 ft	16,4 ft	32,8 ft	49,2 ft	65,6 ft

14,1°

Beam center

Lux*
695 lx
1236 lx
2780 lx
11120 lx
30888 lx

*measured at center of beam

Footcandles*
2870 fcd
1033 fcd
258 fcd
115 fcd
65 fcd

Beam width (meter)	0,7 m	1,2 m	2,5 m	3,7 m	5 m
Beam width (feet)	2,4 ft	4,1 ft	8,1 ft	12,2 ft	16,3 ft

PRESET FULL ON
Beam angle 50%: 45°

Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
43,5°	80°	104°	97,5%	92,4%

Distance (meter)	3 m	5 m	10 m	15 m	20 m
Distance (feet)	9,8 ft	16,4 ft	32,8 ft	49,2 ft	65,6 ft

43,5°

Beam center

Lux*
62 lx
110 lx
246 lx
986 lx
2739 lx

*measured at center of beam

Footcandles*
254 fcd
92 fcd
23 fcd
10 fcd
6 fcd

Beam width (meter)	2,4 m	4 m	8 m	12 m	16 m
Beam width (feet)	7,8 ft	13,1 ft	26,2 ft	39,3 ft	52,4 ft

TECHNICAL DRAWINGS

304 mm [12.0 in]
584 mm [23.0 in]
93 mm [3.7 in]
190 mm [7.5 in]
250 mm [9.8 in]

CERTIFICATIONS / APPROVALS