



Mini-B ParLED Aqua

Shield Family (IP66)



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Mini-B ParLED Aqua is a **compact LED washlight** designed to handle outdoor events easily and in style, redefining versatility and performance in a small package. Weighing in at just 7 kg and measuring only 34 cm, this fixture combines advanced optical technology with powerful RGBW LEDs, and a durable weatherproof design, making it an ideal choice for various applications. Get to know Mini-B ParLED Aqua: **Ultra-Compact Design:** Its small size makes it easy to transport and install, allowing creative placements in any venue. **IP66 Protection Rating:** Built to withstand the elements, it is fully weatherproof, making it ideal for all outdoor setups without sacrificing performance or durability. **Powerful RGBWW LED Source:** Equipped with 40-watt RGBW LEDs, it delivers rich colors and bright whites, ensuring vivid lighting in any condition. **Wide Zoom Range:** The motorized zoom ranges from 4° to 53°. It can create tight beams for aerial effects or wide washes, effortlessly adapting to various lighting needs. **Independent LED Control:** The central LED can be controlled separately from the outer ring, enabling stunning graphic effects that enhance visual storytelling. **Flexible Color Temperature:** Offers color temperature control from 2500K to 8000K, providing options for warm or cool lighting depending on the mood or setting. **Mini-B ParLED Aqua WW** Following the success of the Mini-B Series, Clayco has added models equipped with Warm White RGB LEDs to its range. The power is the same as the original models but they have a natural colour temperature of 3200K. Mini-B ParLED Aqua WW is bright, lightweight, and compact, and is just right when warm color tones and the possibility of enhancing the complexion of the artists on stage are crucial factors in the lighting designer's choice of units. **Mini-B ParLED Aqua** stands out not just for its size but also for its ability to deliver professional-grade lighting effects in any environment. Whether it's an open-air concert, an outdoor exhibition, or a rugged installation, it brings bright colors, sharp focus, and reliable performance to the stage, without compromising quality. It's proof that great things do come also in small packages!

Specifications

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Light Source

7 x RGBW or RGBWW Osram LEDs



- **Light Output**
3400 Lumen Output
- **Zoom range**
4°- 53°
- **Effects**
RGBW (or RGBWW) colour mixing 16bit;
Linear CTO, 2500K to 8000K (RGBW version); Linear CTB 6500K to 2500K (RGBWW version); Preset macro colors;
Motorized Zoom; High resolution electronic Dimmer - 24 bit; High speed electronic Strobe

Light Source Type

- 7x Osram 40W RGBW LEDs (Mini B PARLED Aqua)

- 7x Osram 40W RGB+WW LEDs (Mini B PARLED Aqua WW)

LED life expectancy

50000hrs (20000Hrs L70*)

*It may vary depending on various factors, as type of use and environment

Photometric Data

Zoom range

4°- 53°

Lumen Output

3400 (Integrating Sphere)

Front Lens

Ø 160mm

Optical system



High efficiency

Noise Level

SLN mode

36.4 dBA

Auto mode

44.5 dBA

Constant mode

47.9 dBA

Control and Connections

Personalities

Four different operating modes, 13/17/17 or 25 DMX control channel

Control protocol

DMX, Art-Net, RDM, sACN

DMX and RDM connectors

Locking 5 pin XLR IN/THRU

Ethernet port

RJ45 IN

Power connector

PowerCon True1 IN/OUT

Web Server

Built In



Dynamic Effects

Colors

- colour mixing 16bit
- RGBW (Mini B PARLED Aqua)
- RGBWW (Mini B PARLED Aqua WW)
- Linear CTO, 2700K to 8000K (Mini B PARLED Aqua)
- Linear CTB 6500K to 2500 (Mini B PARLED Aqua WW)
- Preset macro color

Beam

Motorized Zoom

Dimmer/Shutter

- High resolution electronic Dimmer – 24 bit
- High speed electronic Strobe

Hardware and Software

- Display Graphic LCD backlit b/w Display
- Firmware upload from another fixture
- Firmware Upgrade via Web Server
- Diagnostic
- DMX monitoring
- Remote access through RDM
- CloudIO compatibility

Housing

- Aluminum and steel structure
- Two built in brackets designed to stand on the floor
- IP66 protection rate
- IK08 impact energy

Working Position

- Working in any position
- Hanging system: built in brackets
- Optional safety chain

Electrical

Operating Voltage

100-240V, 50/60 Hz – In/Out Max 9(4) fixtures @ 200-240Vac (@ 100-120Vac)



Power Supply

Electronic auto range with active PFC

MAX power consumption

300VA

Thermal Specification

Max ambient temperature

45°C (113°F)

Min ambient temperature

-20°C (-4°F)

Max temperature of the external surface

90°C (194°F)

Total heat dissipation

957 BTU/hr \pm 10% / 1008 kJ/hr \pm 10%

Safety Specs

Minimum distance of illuminated objects

0.2 m (8")

Minimum distance from flammable materials

0.2 meters (8")

Thermally protected power supply (overheating and cooling failure)

Forced ventilation with axial fans



Compliance

CE Marking (in conformity to the following)

- 2014/35/EU – Safety of electrical equipment supplied at low voltage (LVD)
- 2014/30/EU – Electromagnetic Compatibility (EMC)
- 2011/65/EU – Restriction of the use of certain hazardous substances (RoHS)
- 2009/125/EC – EcoDesign requirements for Energy-related Products (ErP)

UKCA conforms to UK regulations

- S.I. 2016 N. 1101
- S.I. 2016 N. 1091
- S.I. 2012 N. 3032
- S.I. 2010 N. 2617

cMETus LISTED

- UL 1573:2003
- CSA C22.2 N.166:2015

Packaging

Carton box + Polystyrene

Flight case + Foam shell (8 positions)

Weight - Size

Weight

7.4 Kg (16.3 lbs)

Base dimensions

281mm x 345mm x 367mm

Distance between two fixtures

400 mm

Accessories

Flight case

CF1009F (optional)



Foam shell

F21320/001 (optional)

Safety Chain

105041/001 (optional)

Powerco

CAB0L1/802 (included)
