



**AquaBat is a fully submersible (IP68 rated), modular LED system that is both powerful and environmentally considerate. Available in a choice of lengths, this fully dimmable, solid state, full-colour LED batten, perfectly blends simple, effective operation with safe, versatile performance.**

Featuring custom designed LED technology, these power efficient, low energy battens offer exceptional control over almost every aspect of output. Fully submersible to 10m, dimmable from 0-100% and with over 17million colour combinations, AquaBat offers a wealth of artistic opportunity.

Ideal for use as a powerful, even softlight or as a highly effective creative illumination tool, AquaBat delivers precise control over an almost limitless selection of sequences and effects.

Robust, lightweight and tough, AquaBat can withstand harsh exterior conditions for extended periods, saving crews valuable rigging time, whilst also helping build a safer working environment.

Exclusive to MBSi, AquaBat is available as both 4ft/1200mm and 8ft/2400mm lengths, which can be easily rigged to create even the most elaborate installations, configured to an almost infinite choice size and shape.

#### **ROBUST WATERPROOF DESIGN**

**4FT/1.2M AND 8FT/2.4M LENGTHS**

**CURRENT CONTROL DIMMING FOR HIGH SPEED FILMING 10,000FPS+**

**DMX CONTROL WITH INTERNAL 16BIT SMOOTHING**

**NO COLOUR TEMPERATURE SHIFT THROUGH DIMMING RANGE**

**RDM CONTROL**

**SACN, ARTNET INPUT**

**BUILT IN WEB SERVER**

**AUTO ADDRESSING**

**SUBMERSIBLE TO 6M**

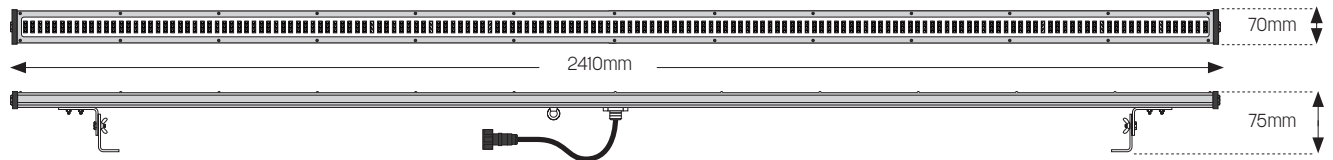
**AUTO MOISTURE SENSING/SAFETY SHUT DOWN**

**ADJUSTABLE FEET AND HANGING CLAMPS**

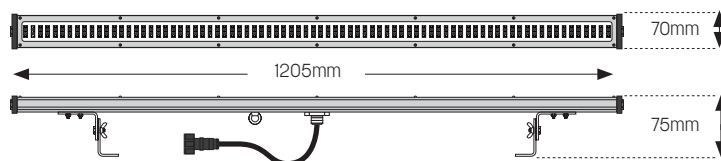
**SAFETY EYE**



#### AQUABAT FC240



#### AQUABAT FC120



### TECHNICAL SPECIFICATION

#### 6 Way Controller

Mains: Socapex fed Channel  
Data: DMX 5pin XLR in and through  
Ethernet (ethercon) in and through  
Voltage: 100-240v AC 50/60hz  
Wattage: 1360w total

#### Power

Wattage: 8ft batten 220w/4ft batten 110w  
Voltage: 30-48v DC  
via 4 pin Bulgin submersible cable

#### Control options

DMX: DMX control (USITT DMX512-A)  
RDM: Setup via DMX line (ANSI/ESTA E1.20)  
Built in web-server

#### Mechanical

Main body is aluminium extrusion with aluminium facer  
2 x rear slide mount hook clamps or half couplers  
In built safety bond point  
2 x adjustable feet

#### Environment

LED batten head: IP68 - tested to 6m (0.588bar)  
Extn head cable: IP68 - tested to 1m (0.09bar) when mated  
Power supply: weatherproof when hung from rear  
mounting points  
Use in free air

#### Conformity

RoHS compliant  
CE compliant

#### Photometric

Lux: 2800 @1m  
Colour temp: 2700k - 10000k  
Colour rendering (CRI): 2700k Ra 96.9  
Colour rendering (CRI): 5600k Ra 95.3  
Beam angle: 120 degree

#### Control Modes

##### 8ft Batten

Mode	Channel	Pixel
RGBWW	5	1-12
RGB	3	1-12
Bi-Colour	2	1-12

##### 4ft Batten

Mode	Channel	Pixel
RGBWW	5	1-6
RGB	3	1-6
Bi-Colour	2	1-6

#### Connection

Power/data: Input head - Bulgin PX0748P Buccaneer  
free plug 4 pole  
Input power supply - 19 pin Socapex  
power/5 pin XLR in and thru/ethercon in  
and thru

#### Dimensions

Length: 8ft/2410mm and 4ft/1205mm  
Width: 70mm  
Height: 75mm  
Weight: 10kg