The Show Batten 100 is a LED moving bar designed for stage lighting professionals. Ten high-power Osram Ostar RGBW LEDs are housed inside a 100 cm long (39") cylindrical aluminum bar. Each parameter of each LED may be controlled individually: color, 8 bit dimmer and 24 Hz strobe. The Show Batten lens is fitted with a wide electronic linear zoom. The "Show Batten AS" version has a special ovalizer filter instead of the standard lens, which increases the projection angle on a single axis. This is particularly suitable for wall washing. The zoom is very fast: 0.3 s from min. to max. The colors are generated through R, G, B and W channels, and may also be chosen from a wide palette consisting of over sixty macros. The color temperature can be linearly adjusted from 2500 K to 8000 K thanks to control through a dedicated CTO channel. The Show Batten has a 240° tilt and can rotate very smoothly and very fast (240° in as little as 0.2 s). It is compact, rugged and lightweight: only 9 kg (19.8 lbs). Several bars may be arranged in a line or a matrix, with a constant fixed distance between the LEDs. An internal Ethernet switch for IN/OUT daisy-chain connection makes it easy to connect the bars up for pixel control in a matrix arrangement.

- Light source: 10 X 15W Osram Ostar RGBW LEDs - Distance between LEDs: 100 mm (4")
- "STANDARD" VERSION: - Optical unit with motorized zoom: minimum 10° x 23°, maximum 43° x 48° (at 50%); minimum 23° x 35°, maximum 66° x 76° (at 10%); - High brightness: 3340 lumens
- "AS" VERSION: - Asymmetrical optical unit with special motorized zoom for illuminating backdrops: minimum 8° x 25°, maximum 9° x 45° (at 50%); minimum 18° x 37°, maximum 21° x 74° (at 10%); - High brightness: 5210 lumens
- Independent RGBW color control for each individual LED
- Effects: dimmer (8 bit), 20 Hz strobe, color macros and effect macros
- High speed motorized tilt: 240°
- Art-Net / RDM
- Internal Ethernet switch for IN/OUT daisy-chain connection to make it easy to connect bars up for pixel control in a matrix arrangement
- The length and width of the bar allow it to be assembled in horizontal and vertical matrices with a fixed distance between LEDs (100mm/4")
- Sockets within the dimensions of the bar to prevent accidental contact with adjacent trusses or bars in matrix arrangements

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POWER SUPPLIES
100/240V 50/60 Hz
Automatic power supply

INPUT POWER
170 VA
Max 1700VA connecting max 10 units
Total lumen output:
- Show-Batten 100: Max 2,840 lm
- Show-Batten 100 AS: Max 2,590 lm

LIGHT SOURCE
10x15W RGBW LEDs
- Type: OSRAM OSTAR - SMT LE RTDUW S2W
- Color Temperature: 6,000 K
- Average Life: 50,000 h
- Luminous flux: 6,800 lm

OPTICS
45mm diameter lens
- Show-Batten 100: Zoom: min. 10°x23°, max. 43°x48° (at 50%); min. 23°x35°, max. 66°x76° (at 10%)
- Show-Batten 100 AS: Zoom: min. 8°x25°, max. 9°x45° (at 50%); min. 18°x37°, max. 21°x74° (at 10%)
Fast Speed: 0.3 sec

COLOR SYSTEM
RGBW System
Individual color RGBW control for each LED
8000K- 2500 K Color temperature correction
Macro Colors

EFFECTS SECTION
Global dimmer
Strobe from 1 to 20 flashes/sec
Random and macro strobe

CONTROL AND PROGRAMMING

DMX protocol signal: USITT DMX 512
Art-Net / RDM
Display: LCD 2 lines with 16 characters each,backlit LED, white on black
Tilt Resolution: 16 bit
Dimmer Resolution: 16 bit
Strobe 20Hz
DMX signal connection: 5 pole XLR input and output
Software upload through DMX input

BODY

Body extruded in black anodized aluminum
Aluminum and steel structure with plastic covers

MOVING BODY

Automatic repositioning of TILT after accidental movement not controlled by control unit.
PAN: No Rotation
TILT: Angle rotation: 240°; Fast speed: 0,2 sec; Resolution tilt: 0,94

ELECTRONICS

Long life self-charging buffer battery
Electronic monitoring with status error
Cooling system monitoring
DMX level monitoring on all channels
Internal data transmission diagnostics
Firmware upgrade with no power
Firmware upload from another fixture

SAFETY DEVICES

Automatic shut-down in case of power supply overcurrent or overheating
Automatic derating, in case of LED overheating
Forced ventilation with fans and heat sink

WORKING POSITION

Any working position
Hanging system: with fast-lock omega clamps (1/4 turn) on the base

CLAYPAKY
AN OSRAM BUSINESS

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CE MARKING

In conformity with the European Directives:
• 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)

ETL

This product is available, on demand, with cETLus Listed Mark, that complies with the UL 1573, UL 8750 and CSA C22.2 No. 166 standards.

WEIGHT & DIMENSIONS

10 kg (22 lbs)