SmartBat Wash

15x20W LED Wash Light, IP65 rated, with an RGB + Warm White LED source, wirelessly controlled with battery or wired with mains power

ORDER CODE: **SMARTBATWASH**

The **SmartBat** Wash is a high-powered LED Wash Light, that can be operated wirelessly or wired. This IP65 Wash Light has 15 x 20W RGB + Warm White LED emitters, it's SPEKTRA calibrated to guarantee consistency, high-quality white values (CRI >93), a dynamic array of true colours with smooth colour mixing, and a powerful 6,282 lumen output. The **SmartBat** Wash is extremely flexible, and it can be used wirelessly with the built-in battery, using CRMX, W-DMX and RDM or, alternatively, wired with power and data cables, bypassing the battery, and enabling higher brightness levels. The beam angle can easily be adjustable through a magnetic beam shaper filter, allowing a wider coverage whilst keeping a high output. The **SmartBat** Wash has all the software features of the Ecl range, sharing the same user settings and capabilities.

MAIN FEATURES

- High-powered IP65 LED Wash Light, wireless (CRMX+W-DMX)/ wired control, battery/AC power
- 15x20W RGB + Warm White LED source, powerful 6,282 lumen output high CRI (>93)
- Range of holographic filters that modify the shape of the beam angle

TECHNICAL SPECIFICATION

LIGHT SOURCE
- Source:15x20 W RGB + Warm White LED
- Luminous flux:6'282 lm @full
- Lux:4'451 lx @5 m full
- CRI:> 95 @3200K ; > 93 @5600K
- R9:> 98 @3200K ; > 93 @5600K
- TLCI:> 84 @5600K
- TM30 Rf:94.2 @3200K ; > 92 @5600K
- TM30 Rg:104.4 @3200K ; > 105 @5600K
- Source life expectancy: > 50.000 h

OPTICS
- Beam angle:15 °
- Field angle:20 °

COLOUR SYSTEM
- Colour mixing: RGBWW
- CCT: CCT control through dedicated DMX channel
- White presets:2'800K - 10'000 K
- Colour wheel: virtual colour wheel with macros
- Macros: built-in white presets

DYNAMIC EFFECTS
- Control Resolution: 16-bit dimmer, colours
- Static mode: selection of static colour
- Manual mode: manual adjustment of colour
- Auto mode: built-in programs with execution speed adjustment

BODY
- Body: sturdy die-cast aluminium body
- Body colour: RAL 9004

CONTROL
- Protocols: CRMX+W-DMX, DMX512, RDM
- Wireless Control: included, LumenRadio Timo Fx DMX/RDM compatible with both CRMX (Lumen Radio) and W-DMX (Wireless DMX)
- RDM: RDM for remote monitoring and settings
- Display: Graphic User Interface
- Firmware upgrade: yes, via USB - DMX interface (UPBOX1) not included
- IR: infrared sensor controlled by remote
- 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: 0° ~ +45°
- LED Control: flicker free operation
- Selectable PWM: 600 ~ 25.000 Hz

ELECTRICAL
- Mains power supply: 100-240V - 50/60Hz
- Max power consumption:180 W
- Power factor:>0,94

BATTERY
- Battery:16,8 V lithium
- Estimated battery life:Selectable 3h / 6h / 8h / 12h / 16h / 20 h
- Re-charge connection: Directly from the mains power or magnetic fast-charge in case
- Re-charge time:5 h/max
- Battery status: shown on display
- Other:Battery recharge in AC and DC, operation in main power with possibility to disable battery recharge throught software and charging operation in flightcase

PHYSICAL
- IP rating:65 for temporary outdoor application, not for fixed installations
- Cooling: passive cooling and fan-free
- Suspension and fixing: any position with quick-lock omega brackets
- Signal connection:IP65 Amphenol XLR 5p IN/OUT connectors
- Power connection: magnetic DC connector for battery recharge and Neutrik powerCON TRUE1 IN/OUT connectors
- Dimensions (WxHxD):381x344x143 mm
- Weight:9,8 kg

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

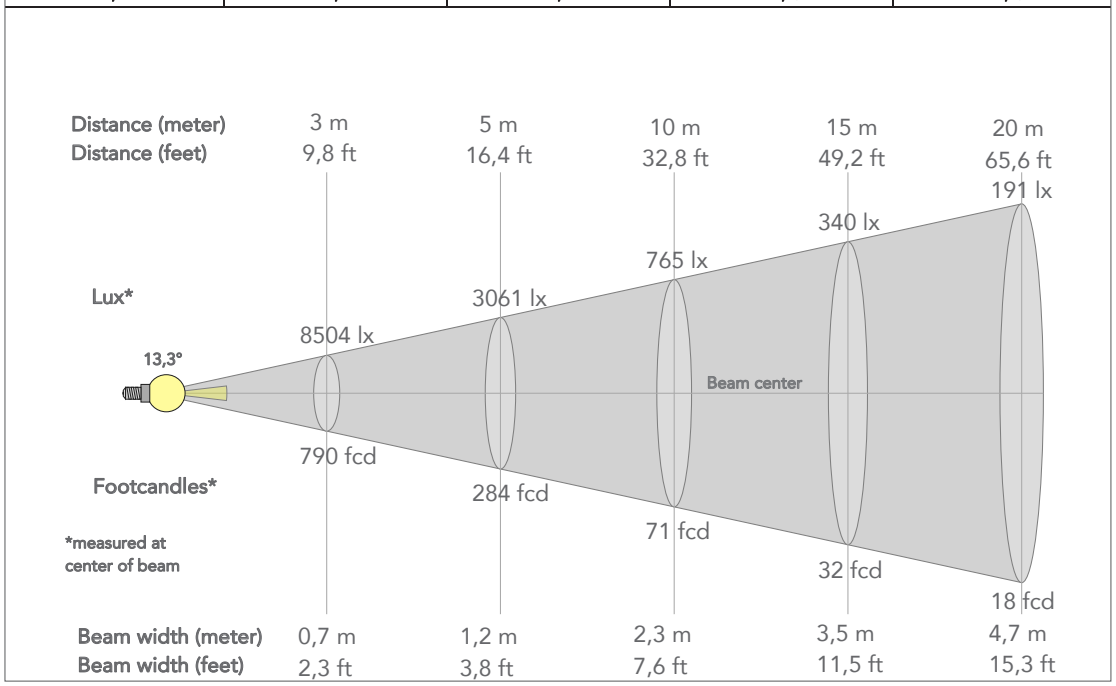
ACCESSORIES

▪ C6002B	Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black
▪ RSR0630B	Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black
▪ 9533FXWL03	Ass. 3x2.5mm TH07 cable, SHUKO plug, MENAC3FXW socket, L.3m
▪ WSBBF1G5	BlackBox F-1 G5 transmitter, 2,45GHz & 5.2/5,8 GHz, DMX/RDM, 512Ch
▪ WSBBF1G6	BlackBox F-1 G6 transrec, 512ch, 2.45GHz, DMX&RDM,Bluetooth,G3,G4,G4S, G5, CRMX
▪ WSBBR512G5	BlackBox R-512 G5 receiver 512Ch, 2.45GHz & 5.8GHz, DMX/RDM optional
▪ WSBBR512G6	BlackBox R-512 G6 receiver 512Ch, 2.45GHz,DMX&RDM, Bluetooth,G3,G4,G4S,G5,CRMX
▪ FCLSMARTBATWASH	Flight case for 4 SMARTBATPLUSWASH, internal AC battery charging
▪ SBWFILTER25/40 1060	Light diffusion filter for SMARTBATWASH, 25°/40° 10°x60°
▪ SBWBD	Black barn door 4 directional flaps to adjust the light beam, comp. SMARTBATWASH
▪ SBWPOWER	Single charger for SMARTBATWASH
▪ OS25D13	Quick-Lock omega bracket, M13 hole
▪ UPBOX1U	Firmware uploader kit, USB IN, 3pin XLR DMX OUT, USB OUT

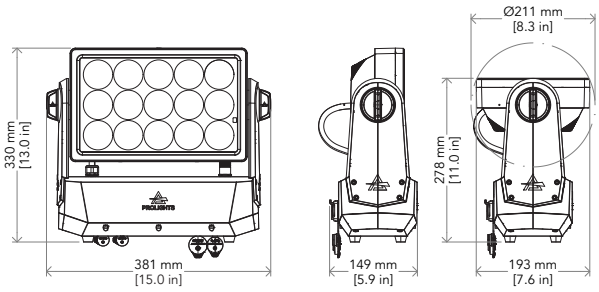
PRESET FULL ON

Beam angle 50%: Native

Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
13,3°	23,9°	31,6°	100,0%	100,0%



TECHICAL DRAWINGS



CERTIFICATIONS / APPROVALS

Conforms to UL STD. 1573
Certified to CSA STD: C22.2 NO. 166

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