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LumiPix 16H

PROLIGHTS

ORDER CODE: **LUMIPIX16H**



Source

16x12W RGBWAP LEDs

IP rating

IP33

Weight

5,1kg / 11.24lbs

LumiPix 16H is a 100 cm linear LED batten. Designed for professional use utilising an innovative optical system combined with a new light source that performs: 6 primary colours - RGBWAP full colour - granting unprecedented chromatic performance. The super-slim design combined with its extreme colour precision and light output, make LumiPix 16H a flexible and versatile solution for every type of application or for use in venues, as the architectural, cyclorama, wall-washer, pixel effect or blinder.

MAIN FEATURES

- LED batten with 16 individually controllable RGBAW + UV LEDs
- Extensive colour palette and powerful output
- Flicker-free operation for IMAG and broadcast

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TECHNICAL SPECIFICATIONS

OPTICS

- Beam angle: 22°
- Field angle: 37°
- Lens diameter: 42mm
- Additional optics: 25° and 45° (optional)

DYNAMIC EFFECTS

- Static mode: selection of static colour
- Manual mode: manual adjustment of colour
- Auto mode: built-in programs with execution speed adjustment

CONNECTIONS

- Power connection: Neutrik powerCON IN/OUT connectors
- Signal connection: XLR 3p + 5p IN/OUT connectors

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption (230V): 160W
- Output (at 230V): 12 units on a single power line
- Max power consumption (120V): 165W
- Power factor: pF 0,95 @120 V - pF 0,90 @230 V

PHYSICAL

- IP rating: IP33
- Cooling: fan-free with natural convection
- Housing: Sturdy aluminium profile
- Finish: black
- Operating temperature: Ta -10 to +45 °C (+14 to +113 °F)
- Dimensions (WxHxD): 1.000x180x63mm
- Weight: 5,1kg

CERTIFICATIONS / REPORTS

- Compliance: CE, UKCA, RCM

LIGHT SOURCE

- Source: 16x12W RGBWAP LEDs
- Luminous flux: 4'159
- Lux: (22°) 2'692lx @3 m full
- Lux: (25°) 1'907lx @3 m full
- Source life expectancy: > 50.000 h

COLOUR SYSTEM

- White presets: 3.200 K -10.000K
- Colour wheel: virtual colour wheel with macros
- Macros: several pre-built pixel macros with adjustable speed

CONTROL

- Supported Protocols: DMX512
- DMX channels: 6 / 8 / 12 / 96 / 101ch
- Pixel control: pixel2pixel control
- Display: LCD display
- 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: 1-25 Hz, electronic
- Firmware upgrade with: via DMX with UPBOXPRO/UPBOX1 (not included)

INSTALLATION

- Suspension and fixing: bracket for hanging and floor positioning

BOX CONTENT

- 1 x LUMIPIX16H
- 1 x 1,5 meters power cable (BARE END - NEUTRIK POWERCON)
- 2 x side floor brackets

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ACCESSORIES & RELATED PRODUCTS

TOUR53415L03
Dmx cable HC5340. CANC5MXX XLR 5p->CANC5FXX XLR (f) 5p, L.3m

TOUR53413L03
Dmx cable HC5340. CANC3MXX XLR 3p->CANC3FXX XLR (f) 3p, L.3m



958025L03
3x2.5mm TH07 Cable, 20A 3p PwCon FCA, 20A 3p PwCon FCB, L. 3m



9513FCAL03
Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, MENAC3FCA socket, L.3m



9533FCAL03
Ass. 3x2.5mm TH07 cable, SCHUKO plug, MENAC3FCA socket, L.3m



RSR0630B
Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black



C6002B
Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black



ARCLUMIL15D42
Optic lens 22°, D.42mm



ARCLUMIL45D42
Optic lens 45°, D.42mm



UPBOXPRO
Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

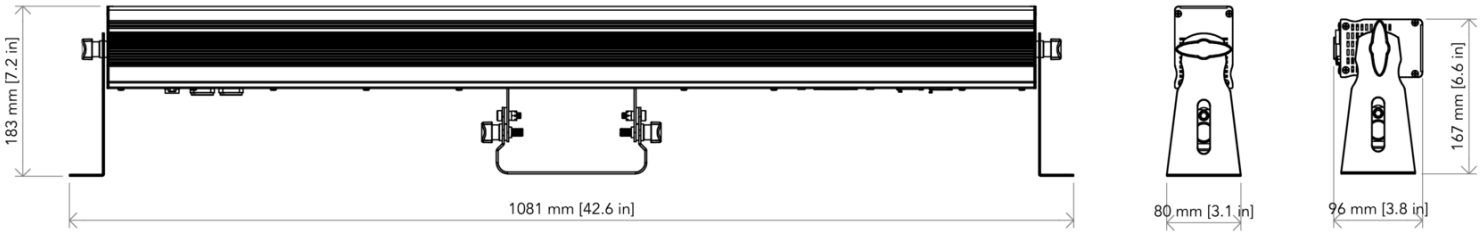
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TECHNICAL DRAWINGS



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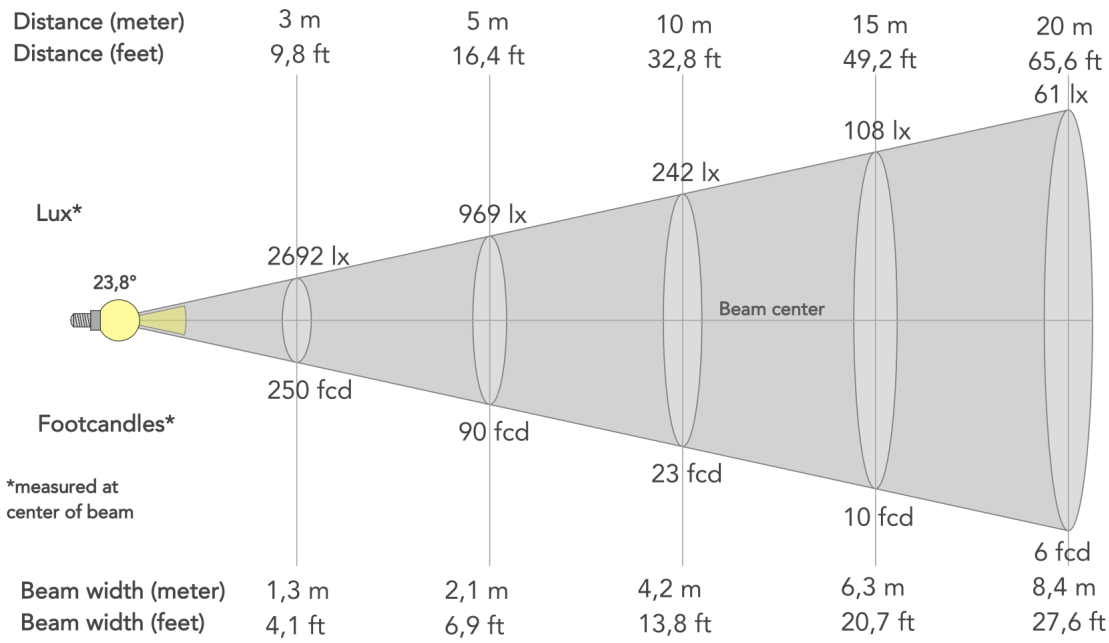
LumiPix 16H

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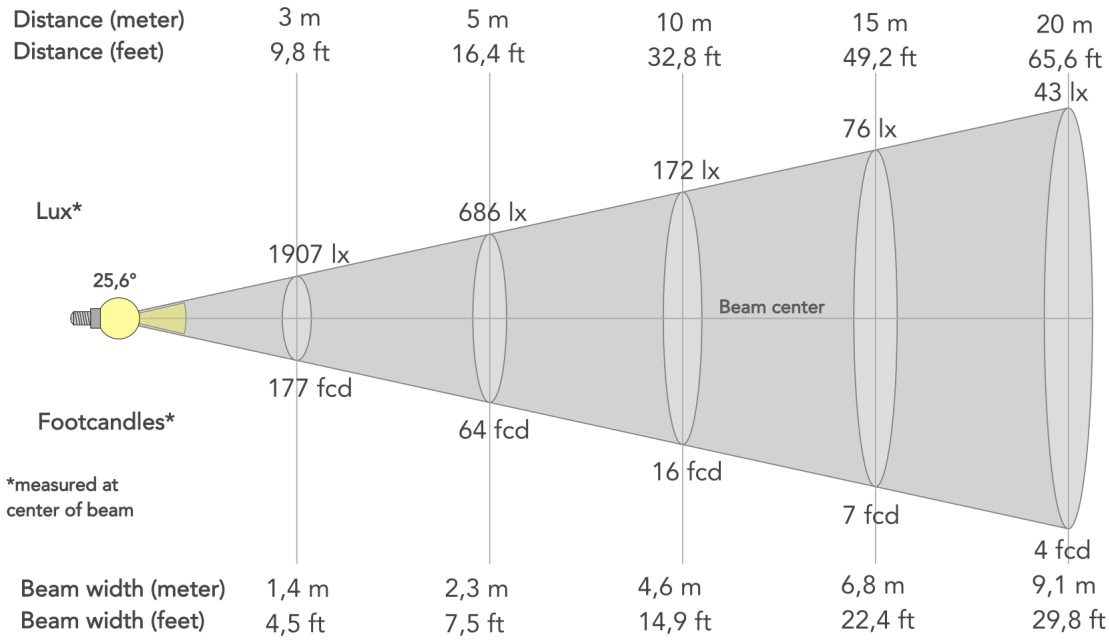
PHOTOMETRICS

Full On - 15°



Beam angle (50%): **23.8°**	Field angle (10%): **37.6°**	Cut-off angle (2.5%): **47.3°**

Full On - 25°



Beam angle (50%): **25.6°**	Field angle (10%): **47.5°**	Cut-off angle (2.5%): **62.4°**

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