LumiPix XB100

IP65, 100 cm (18 pixels) RGB+WW, pixel-controlled linear LED fixture
ORDER CODE: **LUMIPIXXB100**

PROLIGHTS

The **Lumipix** XB is a family of IP65 rated, pixel-controlled linear LED fixtures.
The units are available in 100 cm (18 pixels) and 50 cm (9 pixels) - the 20W RGB + Warm White LEDs deliver a punchy beam of light with bright, vibrant colours and high CRI.
The beam angle of the **Lumipix** XB can easily be adjustable with holographic beam shaper filters or with the optical accessories.
These units were specifically made for live productions, and include control options like DMX/RDM, Ethernet and Wireless DMX (CRMX and W-DMX), sharing the same user settings and capabilities as the theatrical and broadcast luminaires.

MAIN FEATURES

- IP65, pixel-controlled LED linear fixture, available in 18 pixels and 9 pixels
- High CRI (90+), advanced colour control and effects generator
- DMX/RDM control, Ethernet, and Wireless DMX (CRMX + W-DMX)

TECHNICAL SPECIFICATION

LIGHT SOURCE
- Source:18x20 W RGB + Warm White LEDs (driven @ 430W)
- Luminous flux:5'083 lm @full
- Luminous flux:TBD
- Lux:10'932 lx @3 m
- Lux:3'936 lx @5 m
- CRI:TBD
- R9:TBD
- TLCI:TBD
- TM30 Rf:TBD
- TM30 Rg:TBD
- Source life expectancy: > 50.000 h

OPTICS
- Beam angle:11 °
- Field angle:19 °
- Lens type:different optics available
- Additional optics:magnetics filters available

COLOUR SYSTEM
- Colour mixing: RGB + Warm White
- CCT: CCT control, + / - green correction, tungsten emulation
- White presets:2.800 K - 10.000 K with 28 K resolution
- Colour wheel: virtual colour wheel with macros

DYNAMIC EFFECTS
- Control Resolution: 16-bit dimmer, colours
- Pixel patterns: pre-programmed pixel macros and cinema lighting effects patterns
- Special features: linear crossfade channel from any white to any colour; virtual CTO on colours

BODY
- Body: sturdy die-cast aluminium body
- Body colour: black

CONTROL
- Protocols: DMX512, RDM, Art-Net, sACN, W-DMX
- Pixel control:18 pixel2pixel control

- Wireless Control: included, Lumen Radio 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
- Master/Slave: for synchronised operation of more units linked in a chain

ELECTRONICS
- Dimmer: linear 0 ~ 100% electronic dimmer
- Dimmer curves: selectable dimming modes available
- Strobe / shutter:1 - 30 Hz, electronic
- Display battery: self-charging battery backup
- Operating temperature: -20° ~ +45°
- LED Control: flicker free frequency with adjustable PWM
- Selectable PWM: 600 ~ 40.000 Hz

ELECTRICAL
- Mains power supply: 100-240V - 50/60Hz
- Max power consumption:250 W
- Output (at 230V):8
- Power factor:>0,97

PHYSICAL
- IP rating:65 for temporary outdoor application, not for fixed installation
- Cooling: active, silent operation
- Suspension and fixing: hanging bracket for floor stand. Also can fit the fast quick lock OMEGA bracket
- Signal connection: Amphenol XLR 5p IN/OUT connectors
- Power connection: Seetronic powerCON TRUE IP65 IN/OUT
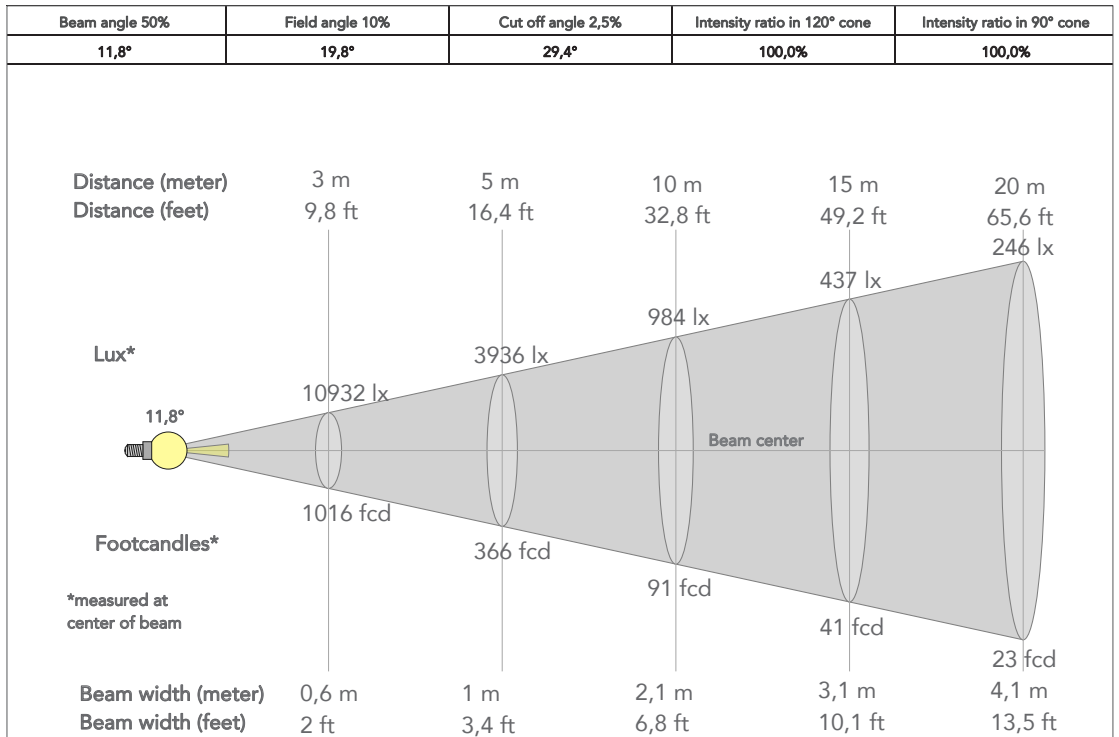- Dimensions (WxHxD):1.006x185x150 mm
- Weight:7,5 kg

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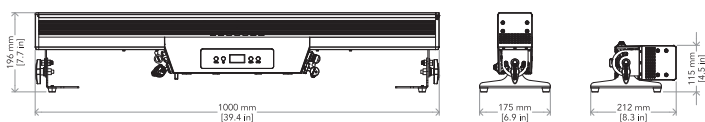- Certifications / Approvals: CE, UKCA, RCM, cTUVus, FCC

ACCESSORIES & RELATED PRODUCTS

PROLiGHTS

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
11,8°	19,8°	29,4°	100,0%	100,0%

Distance (meter)
Distance (feet)

3 m	5 m	10 m	15 m	20 m
9,8 ft	16,4 ft	32,8 ft	49,2 ft	65,6 ft

246 lx
437 lx
984 lx

Lux*

3936 lx

11,8°

10932 lx

Beam center

1016 fcd

Footcandles*

366 fcd

91 fcd

*measured at
center of beam

41 fcd

23 fcd

Beam width (meter)
Beam width (feet)

0,6 m	1 m	2,1 m	3,1 m	4,1 m
2 ft	3,4 ft	6,8 ft	10,1 ft	13,5 ft

TECHICAL DRAWINGS

196 mm [7.7 in]
1000 mm [39.4 in]
175 mm [6.9 in]
212 mm [8.3 in]
115 mm [4.5 in]

CERTIFICATIONS / APPROVALS

TÜVRheinland
c   us

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

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