LumiPix XB050

IP65 RGB+WW pixel-controlled linear LED fixture

ORDER CODE: **LUMIPIXXB050**

The **LumiPix** XB is a family of IP65 high power and high quality linear luminaire, designed to meet advanced requirements from Film, Tv and Staging professionals. The units are available in 100 cm (18 pixels) and 50 cm (9 pixels) and designed around a 20W RGB + Warm White LED source, delivering a bright 10° narrow beam angle beam angle, but still keeping smooth colour mixing, high CRI and TM30, and calibration down to pixel. **LumiPix** XB can be completed by a wide range of optical modifiers such as optional lenses, holographic filters, eggcrates and barndoors, performing with extreme precision for the desired application. The design of the housing has been conceived to allow fast mounting and deploying of optical accessory through a quick-lock system. These units has been designed to offer multiple choice of control like DMX/RDM, Ethernet and Wireless DMX (CRMX and W-DMX), sharing the same user settings and advanced software features of all Spektra calibrated fixtures.

MAIN FEATURES

- IP65, pixel-controlled LED linear fixture, available in 18 pixels and 9 pixels
- 20W RGB+WW led source, delivering high CRI (>90), advanced colour control and effects generator
- DMX/RDM control, Ethernet, and Wireless DMX (CRMX + W-DMX)

TECHNICAL SPECIFICATION

LIGHT SOURCE
- Source: 9x20W RGB + Warm White LED
- Luminous flux: 3’889 @Full
- Lux: 11’687lx @3 m
- Lux: 4’207lx @5 m
- CRI: >94 @3’200 K ; >96 @5’600 K
- R9: >91 @3’200 K ; >90 @5600 K
- Source life expectancy: > 50.000 h

OPTICS
- Beam angle: 10°
- Field angle: 18°
- Lens type: different optics available
- Additional optics: several filters available

COLOUR SYSTEM
- Colour mixing: RGB + Warm White
- CCT: CCT control, + / - green correction, tungsten emulation
- White presets: 2.800 K - 10.000K 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: aluminium body
- Body colour: black

CONTROL
- Protocols: DMX512, RDM, ArtNet, sACN, CRMX
- Pixel control: 9 pixel2pixel control
- Wireless Control: Included LumenRadio Timo Fx DMX/RDM receiver compatible with CRMX (Lumen Radio) and W-DMX (Wireless DMX)
- RDM: RDM for remote monitoring and settings
- Display: Graphic User Interface
- Firmware upgrade: via DMX with UPBOXPRO/UPBOX1 (USB-DMX interface 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° Ta
- 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: 150W
- Output (at 230V): 14
- Power factor: >0,94

PHYSICAL
- IP rating: IP65 for temporary outdoor use (*)
- Cooling: active, silent operation
- Suspension and fixing: hanging bracket for floor stand. Also can fit the fast quick lock OMEGA bracket
- Signal connection: Seetronic XLR 5p IN/OUT connectors
- Data connection: Seetronic Ethernet IP in/out connectors
- Power connection: Seetronic powerCON TRUE IP65 IN/OUT
- Dimensions (WxHxD): 515x185x150mm / 20.28”x7.28”x5.91”
- Weight: 3,8kg / 8.38lbs
- (*) NOTE: Suitable for permanent outdoor use, provided installation and maintenance cycles by qualified technicians are carried.

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

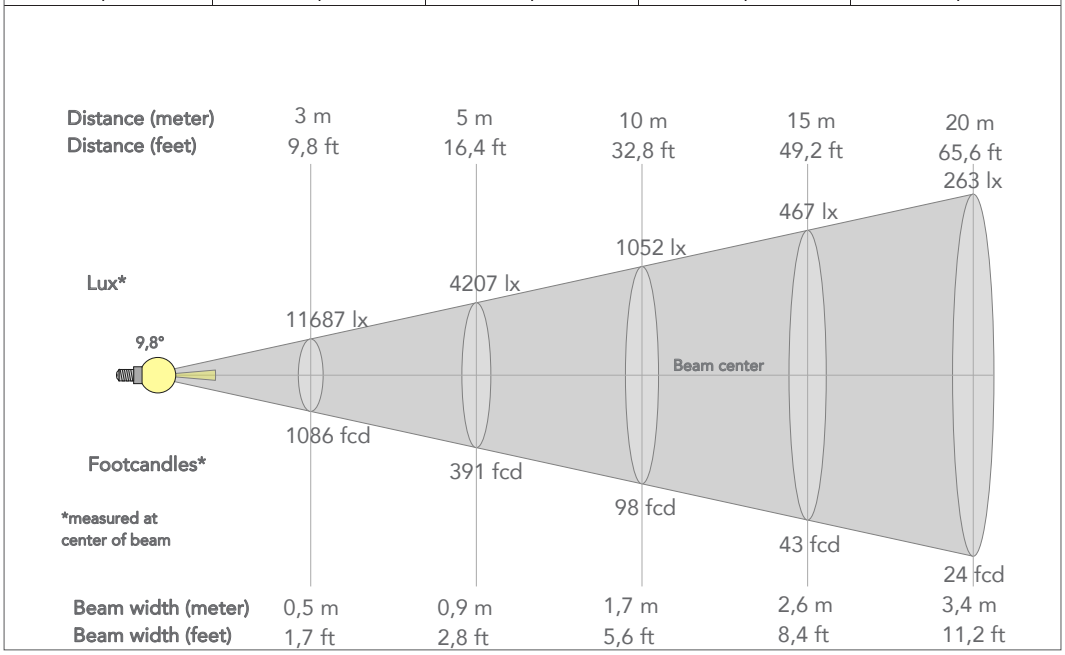
ACCESSORIES & RELATED PRODUCTS

ÆTHERBOX	IP65 1 universe CRMX transceiver, DMX and Ethernet protocols, Wi-Fi, Bluetooth and battery ready
ÆTHERBOXLITE	1 Universe CRMX Wireless Transceiver
OS27PLUS	Quick-Lock omega bracket, M12 hole
FCLLUMIPIXXB	Flight case for 4 pcs LUMIPIXXB100 or 8 pcs LUMIPIXXB050
LPXB050BD	Barndoor to adjust the light beam for LUMIPIXXB050
LPXB050EC60	Egg crate for LUMIPIXXB050
LPXB050FILT 20/40/60	Light diffusion filter for LUMIPIXXB050, 20°/40°/60°
C6002B	Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black
OS27	Quick-Lock omega bracket, M10 hole
LRLUNA	Single Universe DMX transceiver with Bluetooth
TOUR53415L03	Dmx cable HC5340. CANC5MXX XLR 5p->CANC5FXX XLR (f) 5p, L.3m
958225L03	3x2.5mm TH07. Cable, 16A 3p PwCon MXW, 16A 3p PwCon FXW, L. 3m
9513FXWL03	Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, MENAC3FXW socket
9533FXWL03	Ass. 3x2.5mm TH07 cable, SHUKO plug, MENAC3FXW socket
RSR0630B	Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black
UPBOXPRO	Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

PRESET FULL ON

Beam angle 50%: Native

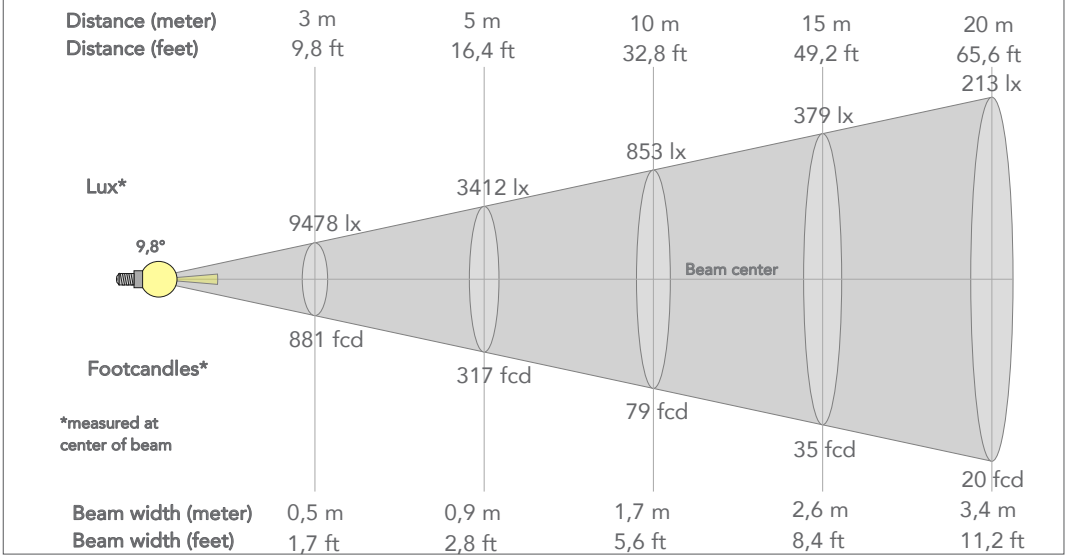
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
9,8°	18,1°	25,2°	100,0%	100,0%



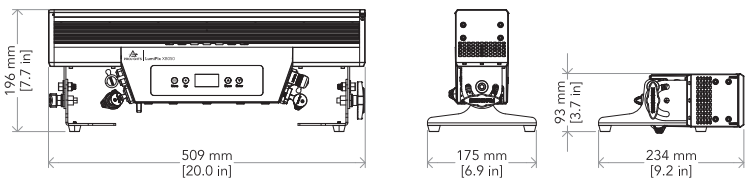
PRESET 5,600 K

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
9,8°	18°	25,6°	100,0%	100,0%



TECHNICAL DRAWINGS



CERTIFICATIONS / APPROVALS

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

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tech documentations

MUSIC & LIGHTS S.r.l.

Via A. Olivetti, snc
04026 - Minturno (LT) ITALY

info@prolights.it
Tel: +39 0771 72190

prolights.it
VAT No. IT 02057590594