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Ra 3000Profile

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Source

1.000W White LED

Zoom range

6° - 50° motorised linear zoom

IP rating

IP20

Weight

57kg / 125.66lbs

Ra 3000Profile combines solid-state technology in every single detail and it has been specifically engineered to be not only a high-quality bright light but also silent. Ra 3000Profile is able to provide a real 18'576 lumen output with unprecedented beam evenness. The 6.000 K LED engine has been custom designed to make the Ra 3000Profile hit a CRI of 90, TLCI of 92, high R9 and TM30 making all skin tones and colours come to life on stage or in front of a camera.The Ra 3000Profile's CMY system delivers beautiful pastels, stunning saturated colours, powerful primaries, one colour wheel provides split colours, and linear CTO allows the Ra 3000Profile to blend in with traditional sources. Packed with a full feature set, composed of a gobo wheel, animation wheel, iris, prism and dual linear frost. High-precision 4 blade shuttering system can be overlaid to provide endless combinations. The 19 element optics of the Ra 3000Profile are precision engineered for a perfect zoom, ideal edges and maximum efficiency. The Ra 3000Profile is silent, bright, flexible and precise.

MAIN FEATURES

- 1.000W LED engine with 6.000 K CT featuring high CRI, TLCI, R9 and TM30.
- 18'576 lumen fixture output with flat-field projection and silent operation.
- Equipped with both adjustable framing shutters and an animation wheel.

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PROLIGHTS

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TECHNICAL SPECIFICATIONS

LIGHT SOURCE

- Source: 1.000W White LED
- Source CCT: 6.000K
- Luminous flux: 18'576
- Lux: (6°) 68'027 lx (50°) 1'543lx @5 m
- CRI: > 93
- R9: 70
- TLCI: 94
- TM30 Rf: 89
- TM30 Rg: 97
- Source life expectancy: > 30.000 hrs (L70B10 @Ta 25° C / 77° F)

COLOUR SYSTEM

- Colour mixing: linear CMY
- CCT: linear CTO correction 2.700 K ~ 6.000 K
- Colour wheel: 6 colour filters + open

CONTROL

- Supported Protocols: DMX512, RDM, Art-Net, sACN, W-DMX
- DMX channels: 38 / 39 / 40 / 41ch
- RDM: for remote addressing and parameter configuration
- Display: Graphic User Interface

MOVEMENT

- Pan: 540° - 16-bit resolution
- Tilt: 270° - 16-bit resolution
- Position feedback: automatic repositioning after external movement
- Pan / tilt lock: for transport and maintenance

ELECTRONICS

- Dimmer: linear 0 - 100% electronic dimmer
- Strobe / shutter: 1 - 30 Hz, electronic
- Display battery: included, self-charging battery backup
- Firmware upgrade with: via DMX with UPBOXPRO/UPBOX1 (not included)

CERTIFICATIONS / REPORTS

- Compliance: CE, UKCA, RCM

BOX CONTENT

- 1 x RA3000PROFILE
- 2 x OS25PLUS
- 1 x 1,5 meters power cable (BARE END - NEUTRIK POWERCON TRUE1 IP65)

OPTICS

- Zoom range: 6° - 50° motorised linear zoom
- Lens diameter: 180mm

DYNAMIC EFFECTS

- Shutter system: 4 single blades: + / - 35°, complete system: + / - 45°
- Animation wheel: animation wheel with CW and CCW rotation
- FX generator: shutter macros with adjustable speed
- Circular prism: 4-f with bi-directional rotation, indexing
- Frost: dual frost filter system, 1° soft-edge frost gobo, 5° frost wash, with linear 0-100%
- Iris: 5 - 100% motorised iris

GOBOS

- Gobo wheel 1: 6 rotating gobos + open, interchangeable, indexing
- Gobo size: outer: 31,6 mm - image: 26 mm - thickness: 1,1 mm

CONNECTIONS

- Power connection: Neutrik powerCON TRUE1 IN connector
- Signal connection: Amphenol XLR 3p + 5p IN/OUT connectors
- Wireless Connection: integrated W-DMX receiver
- Data connection: Art-Net RJ45 IN/OUT

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption (230V): 1.350W
- Max power consumption (120V): 1.370W
- Power factor: (120 W) 1,0 - (230 W) 0,98

PHYSICAL

- IP rating: IP20
- Cooling: heat pipe with low-noise fan
- Finish: black
- Operating temperature: Ta -10 to +45 °C (+14 to +113 °F)
- Dimensions (WxHxD): 535x913x403mm
- Weight: 57kg

INSTALLATION

- Suspension and fixing: fast quick lock Omega bracket

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ACCESSORIES & RELATED PRODUCTS



OS24PLUS
Quick-lock omega bracket, M12 hole

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, L.3 m



9533FXWL03
Ass. 3x2.5mm TH07 cable, SCHUKO plug, MENAC3FXW socket, L.3m



RSR0670B
Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black



AETHERBOXONE
IP65 1x universe CRMX transceiver, DMX, Ethernet protocols, Wi-Fi, Bluetooth, battery-ready, POE



AETHERBOX
IP65 1 universe CRMX transceiver, DMX and Ethernet protocols, Wi-Fi, Bluetooth and battery ready



C6016B
Selflock slim clamp, 250Kg load, 48-51mm tubes, M10 bolt incl, Black&White& White



FCLRA3000
Flight case for 1 RA3000PROFILE



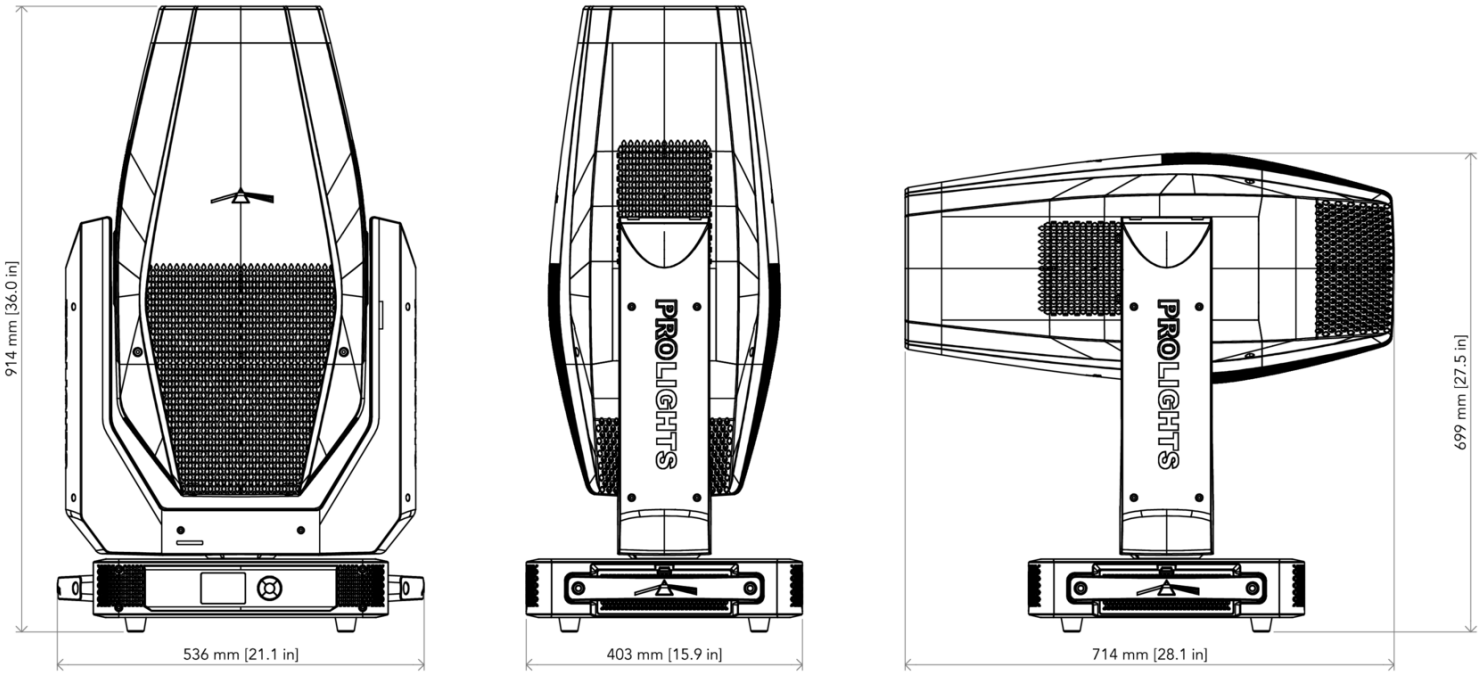
UPBOXPRO
Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

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TECHNICAL DRAWINGS



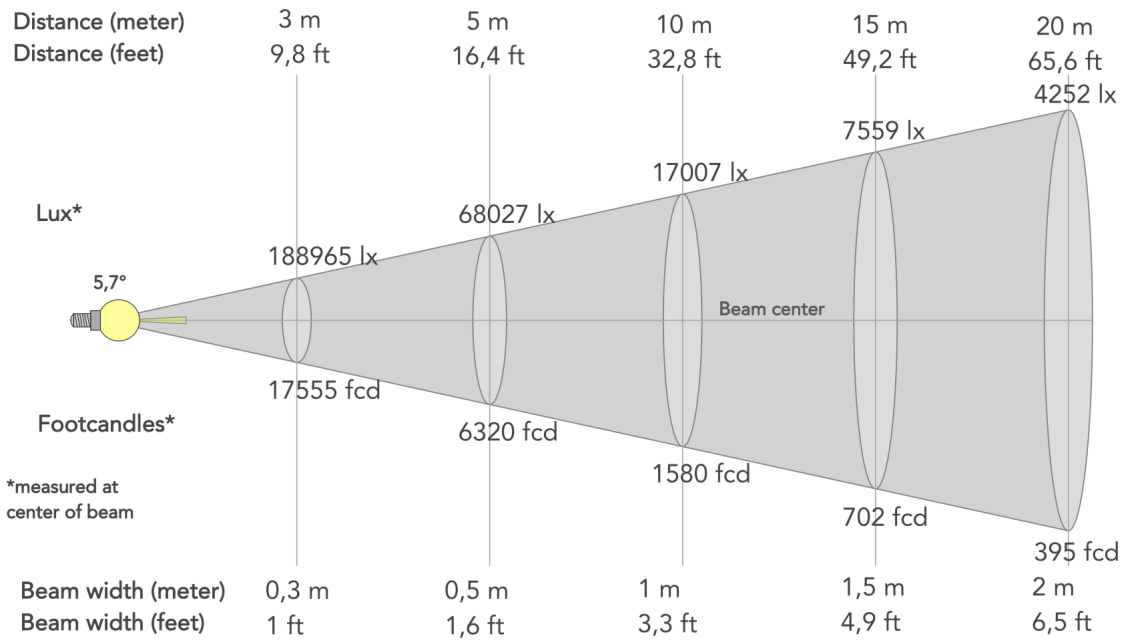
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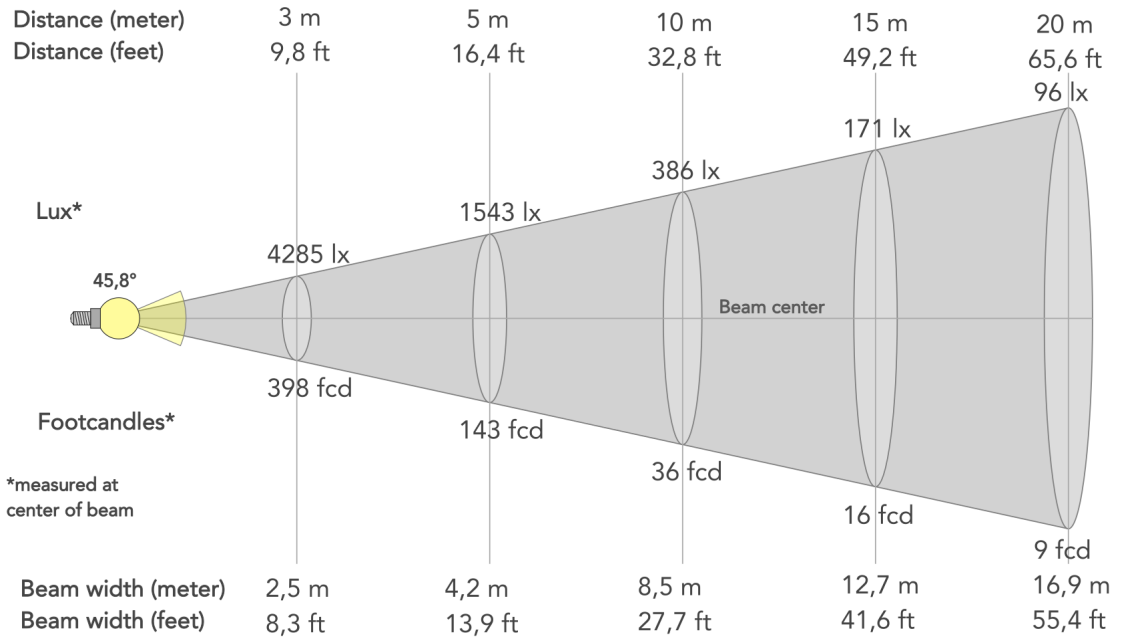
PHOTOMETRICS

Full On - Min Zoom



Beam angle (50%): **5.7°**	Field angle (10%): **6.2°**	Cut-off angle (2.5%): **6.9°**

Full On - Max Zoom



Beam angle (50%): **45.8°**	Field angle (10%): **50.7°**	Cut-off angle (2.5%): **53.2°**

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