Ra 3000Profile

1.000 W high-precision LED moving profile light

ORDER CODE: **RA3000PROFILE**

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 25'000 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.

MAIN FEATURES

- 1.000 W LED engine with 6.000 K CT featuring high CRI, TLCI, R9 and TM30
- 25'000 lumen fixture output with flat-field projection and silent operation
- Equipped with both adjustable framing shutters and an animation wheel

TECHNICAL SPECIFICATION

LIGHT SOURCE
- Source: 1.000 W white LED
- CT: 6.000 K
- CRI: > 90
- R9: 75
- Luminous flux: 25'000 lm
- Lux: (6°) 83'500 lx (50°) 1'830 lx @5 m
- Source life expectancy: 50.000 h
- Other: TLCI: 92; TM30-15RF: 88; TM30RG: 99

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

COLOUR SYSTEM
- Colour mixing: linear CMY
- CTC: linear CTO correction 3000 K ~ 6000 K
- Colour wheel: 6 dichroic filters + open

DYNAMIC EFFECTS
- Shutter system: 4 single blades: + / - 35°, complete system: + / - 45°
- Animation wheel: animation wheel with CW and CCW rotation
- Rotating gobos: 6 rotating gobos + open, interchangeable, indexing
- Gobo size: outer: 31,6 mm - image: 26 mm - thickness: 1,1 mm
- 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% frost filter
- Iris: 5 - 100% motorised linear iris

BODY
- Pan angle: 540°
- Tilt angle: 270°
- Pan/Tilt resolution: 8 / 16 bit
- Feedback: automatic repositioning after accidental movement
- Body: flame retardant PC
- Body colour: black

CONTROL
- Protocols: DMX512, RDM, Art-Net, W-DMX
- DMX channels: 38 / 39 / 40 / 41 channel
- W-DMX: included, wireless solution receiver
- RDM: RDM ready for fixture remote monitor and settings
- Display: black OLED high resolution display
- Firmware upgrade: yes, via USB - DMX interface (UPBOX1) not included

ELECTRONICS
- Dimmer: linear 0 ~ 100% electronic dimmer
- Strobe / shutter: 1 - 30 Hz, electronic
- Battery backup: battery backup for user operation without connecting to the main power
- Operating temperature: -10° ~ +45°
- Flicker: flicker free operation

ELECTRICAL
- Power supply: 100-240 V – 50/60 Hz
- Power consumption (at 230 V): 1.288 W
- Power consumption (at 120 V): 1.371 W
- Power factor: (120 W) 1,0 - (230 W) 0,97

PHYSICAL
- Cooling: combination of heat pipe cooling system and low noise fan
- Sospension and fixing: fast quick lock Omega bracket
- Pan / tilt lock: pan / tilt locking for transportation and maintenance
- Signal connection: Amphenol XLR 3p + 5p IN/OUT connectors
- Data connection: Art-Net RJ45 IN/OUT
- Power connection: Neutrik powerCON TRUE1 IN connector
- IP rating: 20
- Dimensions (WxHxD): 535x913x403 mm
- Weight: 57 kg

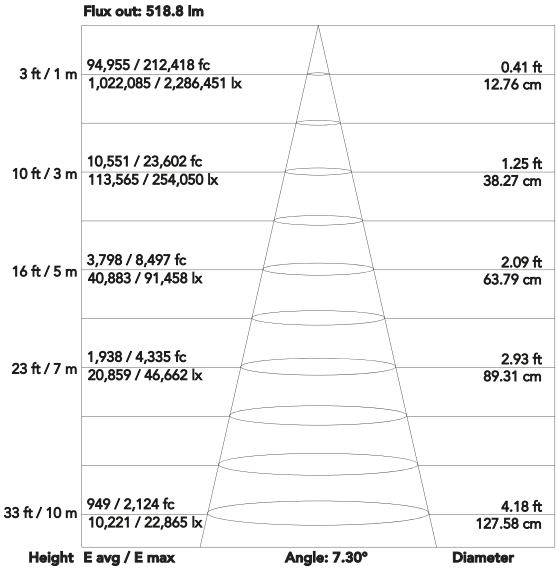
ACCESSORIES & RELATED PRODUCTS

- FCLRA3000: Flight case for 1 RA3000PROFILE
- WSPBF2500G5: ProBox F-2500 G5 transmitter, 1024Ch 90-250VAC, 19
- WSBBF2G5: BlackBoxF-2 G5 transmitter, 2,45GHz & 5.2/5,8 GHz, DMX/RDM, 1024Ch
- WSBBF1G5: BlackBox F-1 G5 transmitter, 2,45GHz & 5.2/5,8 GHz, DMX/RDM, 512Ch
- WSWBF1G5: WhiteBox F-1 G5 IP66 transmitter, 2,45GHz & 5.2/5,8 GHz, DMX/RDM, 512Ch
- MICROF1G5: Micro F-1 G5 transmitter, int. omni antenna 2dBi, 2,45GHz. 512Ch, 12VDC, Batt.
- OS25: Quick-Lock omega bracket
- C6002: Slim aluminium clamp, 200 kg loading, 48-51 mm tubes, M10 bolt
- UPBOX1U: Firmware uploader kit, USB IN, 3-pin XLR DMX OUT, USB OUT

COLOUR PRESET FULL ON

Beam angle 6°

Photometrics

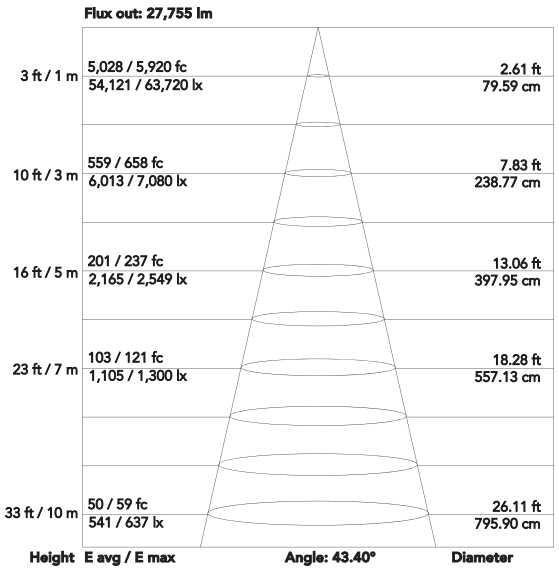


Note: the Curves indicate the illuminated area and the average illumination when the luminaire is at different distance

COLOUR PRESET FULL ON

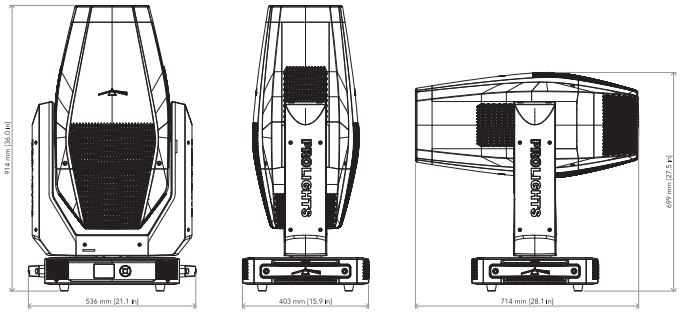
Beam angle 50°

Photometrics



Note: the Curves indicate the illuminated area and the average illumination when the luminaire is at different distance

TECHICAL DRAWINGS



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