Ra 3000Profile

ORDER CODE: RA3000PROFILE



SOURCE	ZOOM RANGE	IP RATING
1.000W White LED	**6° - 50° motorised linear zoom**	**IP20**

WEIGHT	CRI
57kg / 125.66lbs	**> 93**

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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)

OPTICS

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

COLOUR SYSTEM

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

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

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)

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

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TECHNICAL SPECIFICATIONS

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

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)

ACCESSORIES & RELATED PRODUCTS



OS24PLUS
Quick-lock omega bracket, M12 hole



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



FCLRA3000
Flight case for 1 RA3000PROFILE



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

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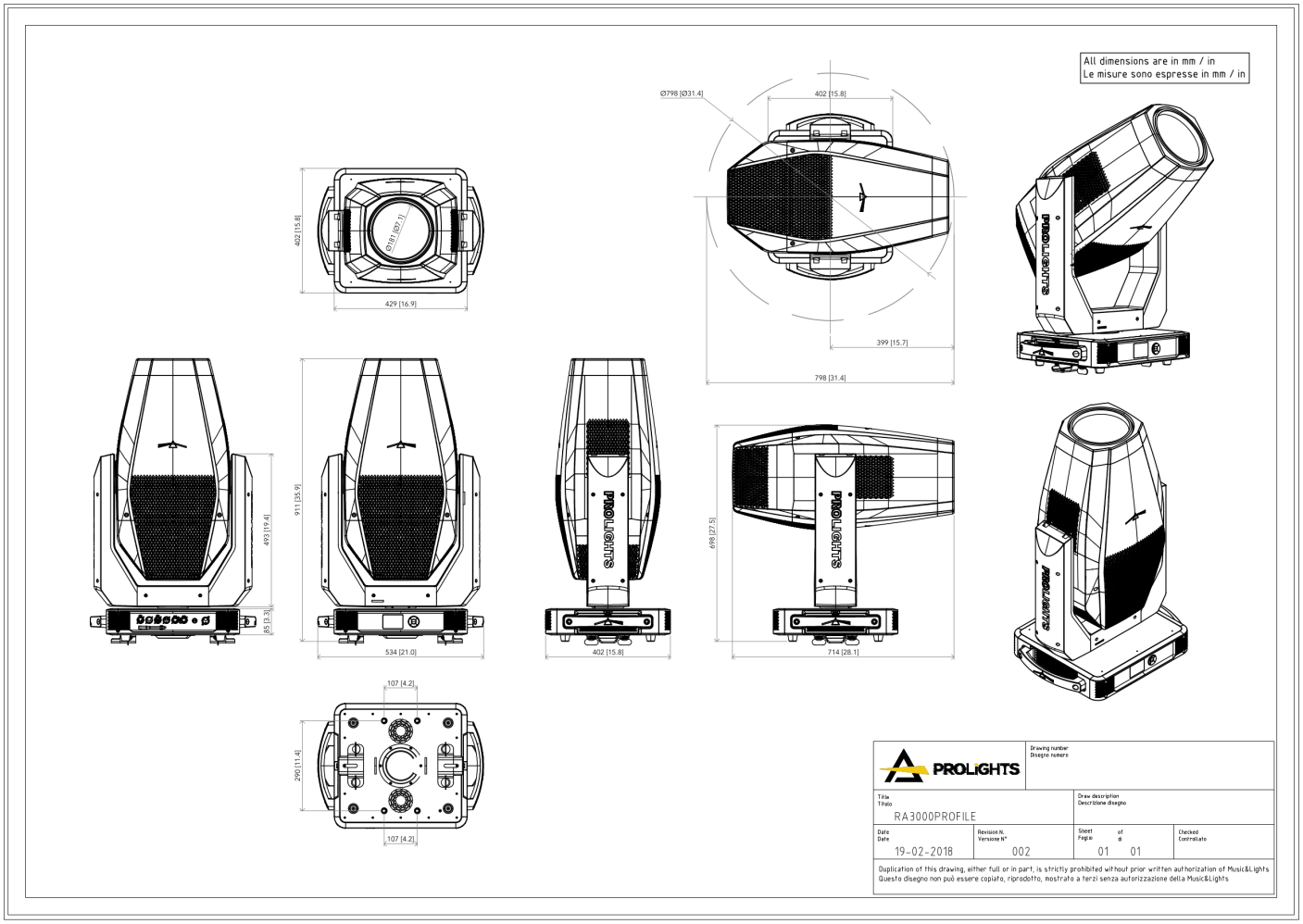
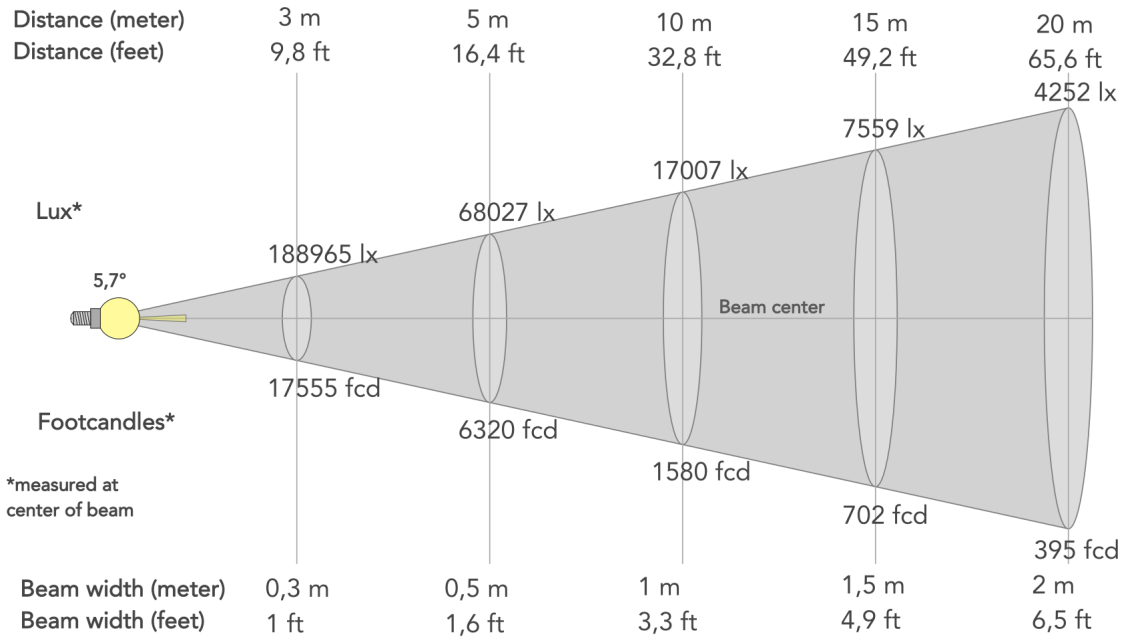
TECHNICAL DRAWINGS



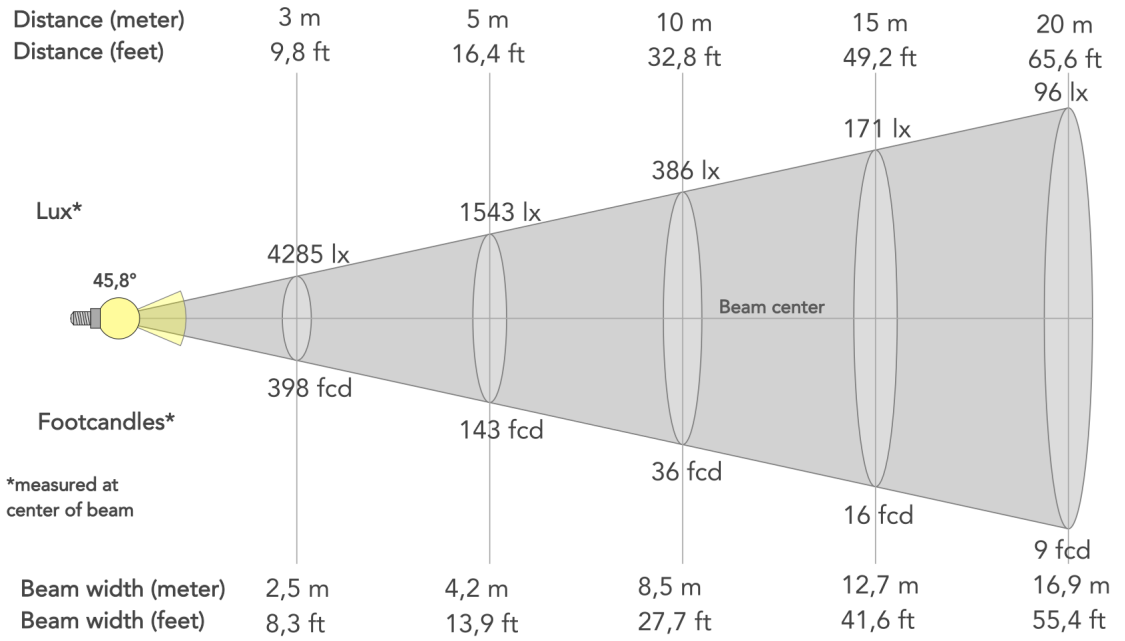
PHOTOMETRICS

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°**