Stark 1000

ORDER CODE: **STARK1000**



SOURCE

19x40W RGBW Osram Ostar LEDs

ZOOM RANGE

4° - 38° motorised linear zoom

IP RATING

IP20

WEIGHT

18kg / 39.68lbs

LUMINOUS FLUX (MAX)

6'420 lm

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TECHNICAL SPECIFICATIONS

LIGHT SOURCE

Source:	19x40W RGBW Osram Ostar LEDs
Source CCT:	Tunable 2.000 K ~ 10.000K
Luminous flux:	(4°) 6'420 lm - (38°) 6'893 @Full
Lux:	(4°) 38'175lx @5 m full
Lux:	(38°) 1'895lx @5 m full
Source life expectancy:	> 50.000 h

OPTICS

Zoom range:	4° - 38° motorised linear zoom
Lens diameter:	275mm
Lens type:	high-quality glass lens optics

COLOUR SYSTEM

CCT:	CCT control through dedicated DMX channel
White presets:	2.000 K ~ 10.000K
Colour wheel:	virtual colour wheel with macros

DYNAMIC EFFECTS

Pixel patterns:	pre-programmed static and dynamic pixel patterns
FX generator:	adjustable foreground/background colour, index, speed, direction

CONTROL

Supported Protocols:	DMX512, RDM, Art-Net, W-DMX
DMX channels:	16 / 26 / 27 / 36 / 98ch
Pixel control:	pixel2pixel control
RDM:	for remote addressing and parameter configuration
Display:	LCD high resolution colour display with autoflip
Hibernation:	power safe mode when lost DMX
Master/Slave:	for synchronised operation of more units linked in a chain
Other:	THEATRE mode for silent operation and fan control throught DMX

MOVEMENT

Pan:	540° / 630° - 16-bit resolution
Tilt:	233° - 16-bit resolution
Position feedback:	automatic repositioning after external movement
Pan / tilt lock:	for transport and maintenance

CONNECTIONS

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

ELECTRONICS

Dimmer:	linear 0 - 100% electronic dimmer
Dimmer curves:	selectable dimming modes available
Strobe / shutter:	1 - 30 Hz, electronic
Display battery:	included, self-charging battery backup
Firmware upgrade with:	via DMX with UPBOXPRO/ UPBOX2 (not included)

ELECTRICAL

Mains power supply:	100-240V - 50/60Hz
Max power consumption (230V):	615W
Max power consumption (120V):	615W
Power factor:	0,96

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TECHNICAL SPECIFICATIONS

PHYSICAL

IP rating:	IP20
Cooling:	heat pipe with low-noise fan
Housing:	Aluminium structure with high-resistance polycarbonate cover
Finish:	black
Operating temperature:	Ta -10 to +45 °C (+14 to +113 °F)
Dimensions (WxHxD):	431x564x248mm
Weight:	18kg

INSTALLATION

Suspension and fixing:	any position with quick-lock Omega brackets

CERTIFICATIONS / REPORTS

Compliance:	CE, UKCA, RCM, cTUVus, FCC

BOX CONTENT

1 x STARK1000

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

2 x OS24PLUS

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



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



FSHLW02
1U Foam shell compatible with DIAMOND37, STARK1000

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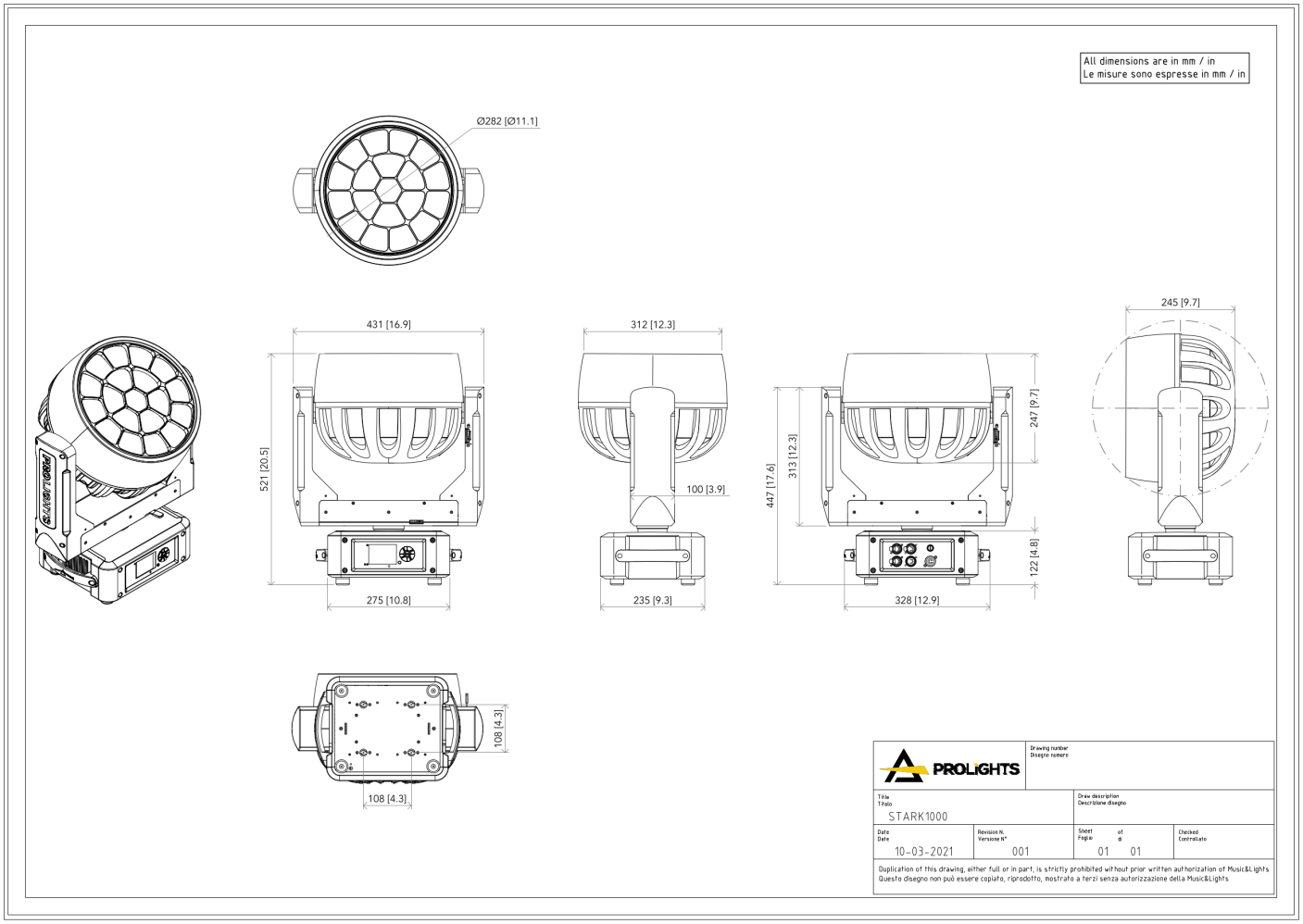
TECHNICAL DRAWINGS



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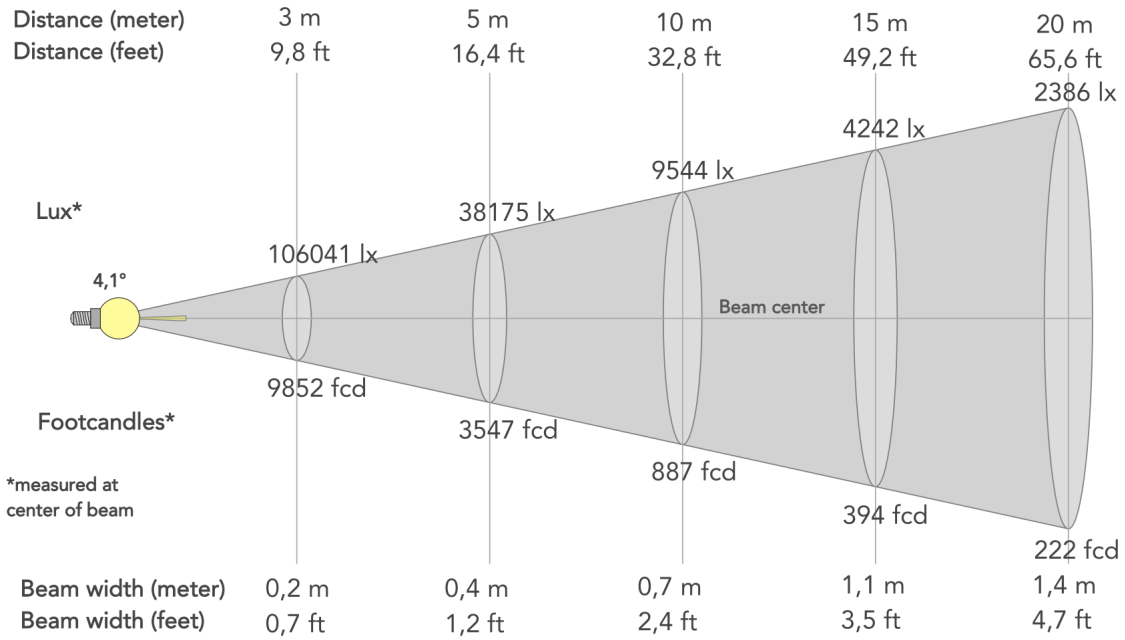
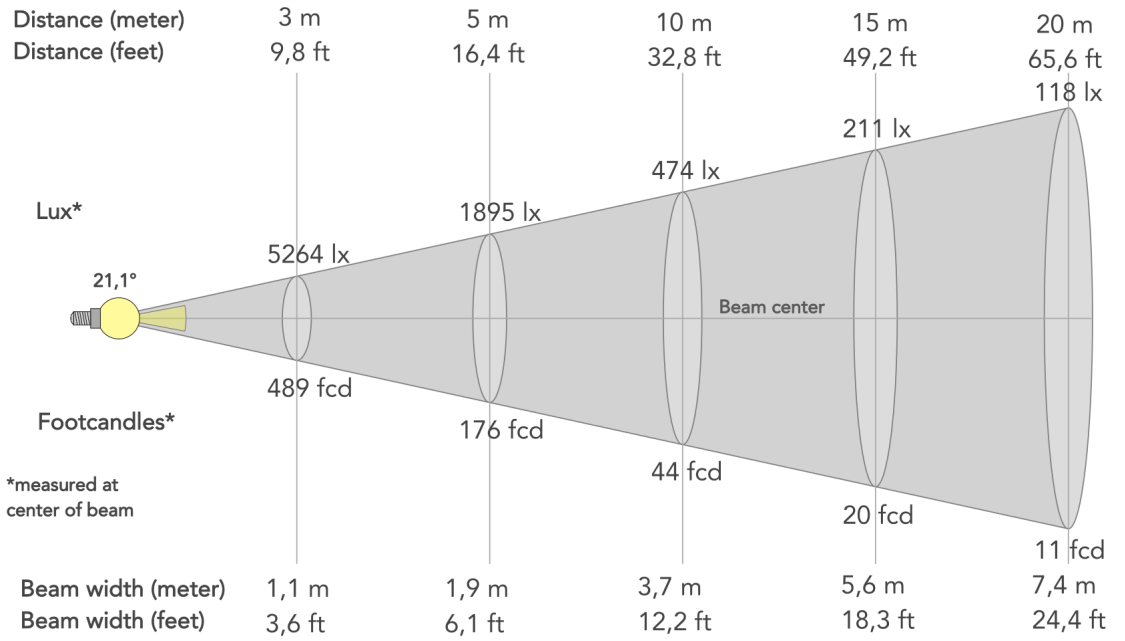
PHOTOMETRICS

Full on - Min Zoom



Beam angle (50%): **4.1°**	Field angle (10%): **6.7°**	Cut-off angle (2.5%): **7.7°**

Full on - Max Zoom



Beam angle (50%): **21.1°**	Field angle (10%): **38.1°**	Cut-off angle (2.5%): **44.8°**