Sunblast FLX

ORDER CODE: SUNBLASTFLX



SOURCE

(Beam 12 px) 60 x 12 white LEDs + (Plate 16 px) 1.024 x 1,2W RGB + Warm White LEDs

IP RATING

IP65 for temporary outdoor use

WEIGHT

11,6kg / 25.57lbs

LUMINOUS FLUX (MAX)

108'526 lm

TECHNICAL SPECIFICATIONS

LIGHT SOURCE

Source:	(Beam 12 px) 60 x 12 white LEDs + (Plate 16 px) 1.024 x 1,2W RGB + Warm White LEDs
Luminous flux:	Full Power Strobe - Combined: 108'526 lm @Full
Luminous flux:	Full Power Wash - Plate: 32'771 lm @full
Luminous flux:	Full Power Wash - Beam: 45'170 lm @full
Luminous flux:	Full Power Wash - Combined: 40'507 lm @full
Lux:	Full Power Strobe - Combined: 1'710lx @5 m full
Lux:	Full Power Wash - Plate: 467lx @5 m full
Lux:	Full Power Wash - Beam: 729lx @5 m full
Lux:	Full Power Wash - Combined: 621lx @5 m full
Source life expectancy:	> 20.000 h

OPTICS

Beam angle:	(Plate) RGB+WW: 112° - (Beam) White LEDs: 49° x 130°
Field angle:	(Plate) RGB+WW: 152° - (Beam) White LEDs: 79° x 155°

COLOUR SYSTEM

Spektra OS:	unmatched color precision and consistency
Colour control:	CCT, RGBW, Colour Macros
CCT:	CCT channel from 2.800K to 10.000K
White presets:	2.800-10.000K

DYNAMIC EFFECTS

Control Resolution:	16-bit dimmer and color control
Pixel patterns:	pre-programmed static and dynamic pixel patterns
FX generator:	adjustable foreground/background colour, index, speed, direction
Static mode:	selection of static dimmer, colors and color temperature
Manual mode:	manual adjustment of colour
Auto mode:	built-in programs with execution speed adjustment

CONTROL

Supported Protocols:	DMX512, RDM, ArtNet, sACN (IGMP v2), CRMX
DMX channels:	8 / 13 / 21 / 36 / 32 / 42 / 47 / 60ch modular and user-customizable DMX architecture (MCA)
Pixel control:	16 px RGB+WW LEDs + 12 px White LEDs individually select and control sections
RDM:	for remote addressing and parameter configuration
Display:	Graphic User Interface

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TECHNICAL SPECIFICATIONS

ELECTRONICS

Dimmer:	linear 0 - 100% electronic dimmer
Dimmer curves:	5 selectable dimming modes available
Strobe / shutter:	1 - 30 Hz, electronic
Display battery:	included, self-charging battery backup
Selectable PWM:	1,000 to 25,000 Hz (selectable steps)
Firmware upgrade with:	via DMX with UPBOXPRO/ UPBOX1 (not included)

CONNECTIONS

Power connection:	Seetronic powerCON waterproof IN/OUT connectors
Signal connection:	IP65 Seetronic XLR 5p IN/OUT connectors
Wireless Connection:	integrated LumenRadio TiMo FX RDM - CRMX and W-DMX compatible
Data connection:	Seetronic Ethernet IP in/out connectors
EtherFlow:	Ethernet pass-through switch that preserves network connectivity even when the fixture is unpowered

ELECTRICAL

Mains power supply:	100-240V - 50/60Hz
Max power consumption (230V):	strobe: 1.200 W (peak) - wash: 450W
Output (at 230V):	2 units on a single power line
Standby power:	7,6W
Power factor:	> 0,94

PHYSICAL

IP rating:	IP65 for temporary outdoor use
Cooling:	forced-air with low-noise fan
Housing:	Weatherproof IP65 construction with die-cast magnesium alloy
Finish:	black
Operating temperature:	Ta -20 to +45 °C (-4 to +113 °F)
Dimensions (WxHxD):	542 x 260 x 175mm
Weight:	11,6kg

INSTALLATION

Suspension and fixing:	- hanging bracket for floor positioning with "Quick-Lock" system
Bracket system:	Several brackets available for simply array mounting - see available accessories
Hardware on-board:	fast anchor points on the front for accessory mounting and on board mechanics for modular assembly of multiple fixtures

CERTIFICATIONS / REPORTS

Compliance:	CE, RCM, FCC, cTUVus

BOX CONTENT

1 x SUNBLASTFLX

1 x SBLFLXB01H

1 x OS25PLUS

1 x 1,5 meters 3G1,5mmq power cable (BARE END - SEETRONIC POWERCON TRUE1 IP65 power connector)

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ACCESSORIES & RELATED PRODUCTS



FCLSUNBLASTFLX
Flight case for 6x SUNBLASTFLX (with and without bracket)



FCLSUNFLX
Flight case per 6 pcs SUNRISE2FLX/ SUNBLASTFLX (with and without bracket)



SRFLXSPC
Spacer for SUN FLX series projectors



SBLFLXB01H
Horizontal mounting bracket for 1 SUNBLASTFLX



SBLFLXB01V
Vertical mounting bracket for 1 SUNBLASTFLX



SBLFLXB02H
Horizontal mounting bracket for 2 SUNBLASTFLX



SBLFLXB02V
Vertical mounting bracket for 2 SUNBLASTFLX



OS25PLUS
Quick-lock omega bracket, M12 hole



OS25H3PLUS
Quick-lock omega bracket, 6 cm height, M12 hole



ECLFRSPG
Spigot for PROLIGHTS fixtures



SBLFLXFILTHD
High diffusion filter for SUNBLASTFLX



SBLFLXFILTMD
Medium diffusion filter for SUNBLASTFLX



SBLFLXFILTBK
Smoked filter for SUNBLASTFLX



SBLFLXSPACER
Filter spacer for SUNBLASTFLX



SBLFLXBD
Barn door with 4 directional flaps to adjust the light beam for SUNBLASTFLX



SBLFLXHB005V
Vertical suspension bracket for SUNBLASTFLX



SBLFLXHB01H
Horizontal suspension bracket for SUNBLASTFLX



SBLFLXFLR
Floor bracket for SUNBLASTFLX



SBLFLXADPFLR
Adapter plate for stacked floor mounting for SUNBLASTFLX



SBLFLXHHFLRB
Adjustable bracket for hanging or floor mounting of SUNBLASTFLX



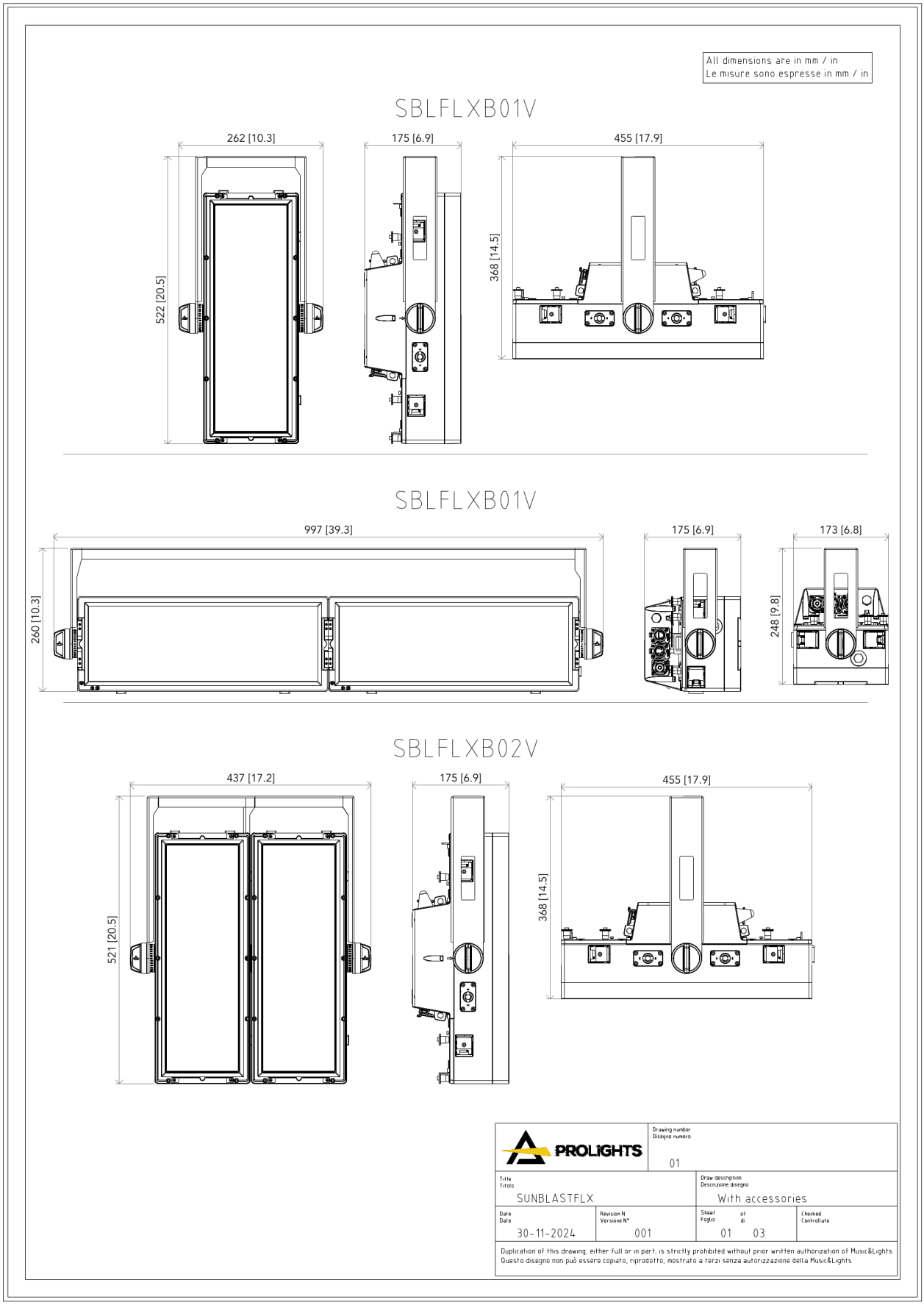
AETHERBOXONE
IP65 1x universe CRMX transceiver, DMX, Ethernet protocols, Wi-Fi, Bluetooth, battery-ready, POE



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

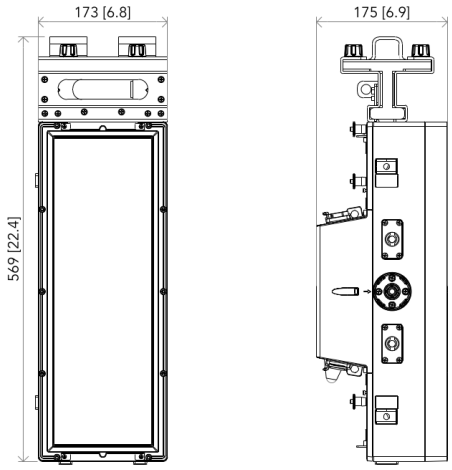
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TECHNICAL DRAWINGS

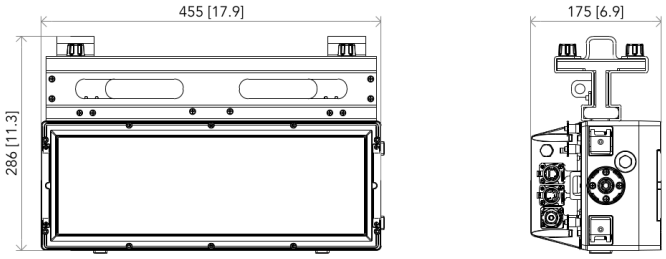


All dimensions are in mm / in
Le misure sono espresse in mm / in

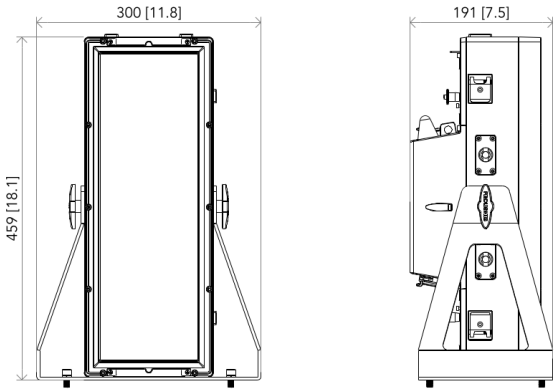
SBLFLXHB005V



SBLFLXHB01H



SBLFLXADPFLR

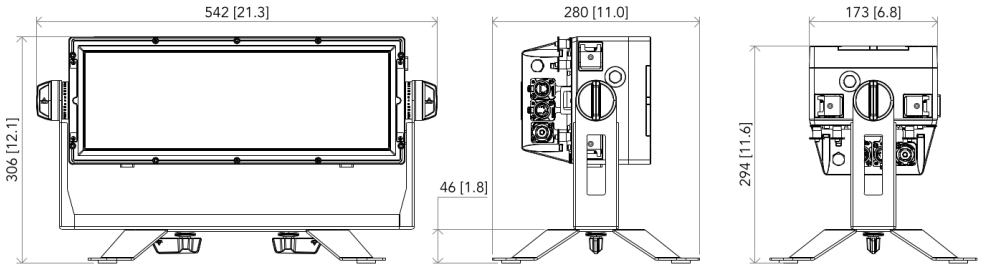


PROLIGHTS		Drawing number / Disegno numero: 01	
Title / Titolo: SUNBLASTFLX			Draw description / Descrizione disegno: With accessories
Date / Date: 30-11-2024	Revision N / Versione N°: 001	Sheet / Foglio: 02 of / di 03	Checked / Controllato

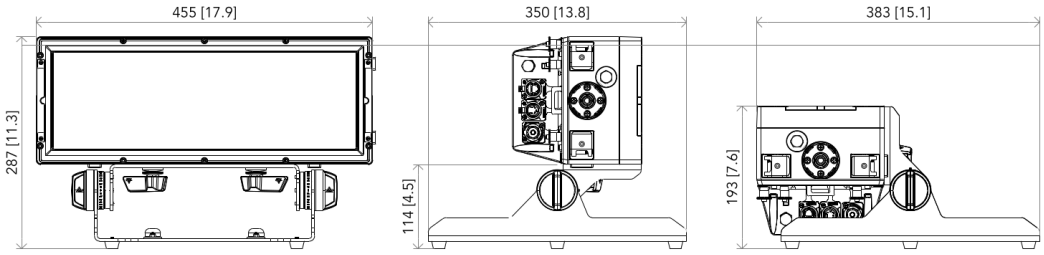
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SBLFLXB01H + SBLFLXFLR

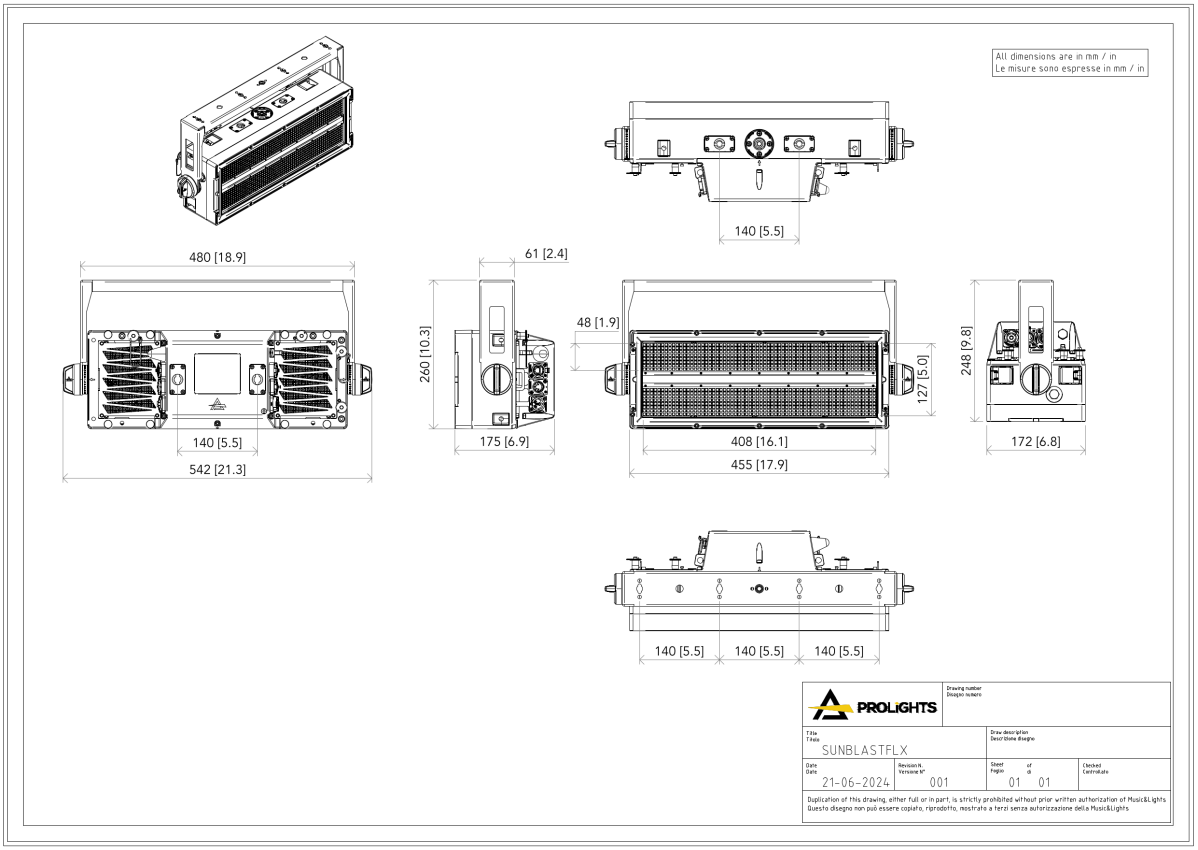


SBLFLXHHFLRB



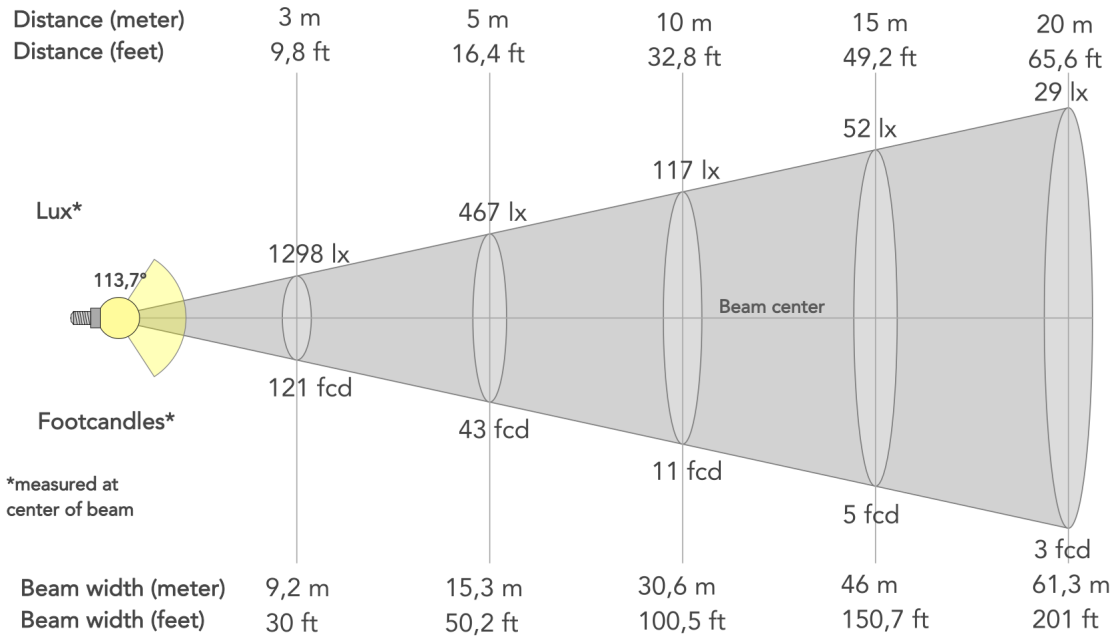
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All dimensions are in mm / in
Le misure sono espresse in mm / in
140 [5.5]
480 [18.9]
61 [2.4]
260 [10.3]
48 [1.9]
248 [9.8]
127 [5.0]
140 [5.5]
542 [21.3]
175 [6.9]
408 [16.1]
455 [17.9]
172 [6.8]
140 [5.5]
140 [5.5]
140 [5.5]
PROLIGHTS
SUNBLASTFLX
21-06-2024
001
01 01
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PHOTOMETRICS

Full On RGBW (Plate) - HB - Original Optic



Beam angle (50%): **113.7°**	Field angle (10%): **154.3°**	Cut-off angle (2.5%): **166.1°**

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