DisplayCob DY

ORDER CODE: DISPLAYCOBDY



SOURCE	IP RATING	WEIGHT
45W White COB LED	IP20	1,85kg / 4.08lbs

CRI
>91

TECHNICAL SPECIFICATIONS

LIGHT SOURCE

Source:	45W White COB LED
Source CCT:	5.000K
Luminous flux:	(30°) 2'651 - (60°) 2'684 @Full
Lux:	(30°) 313lx @5 m full
Lux:	(60°) 120lx @5 m full
CRI:	>91
R9:	>58
TLCI:	>91
TM30 Rf:	>88
TM30 Rg:	>98
Source life expectancy:	> 50.000 hrs (L70B10 @Ta 25° C / 77° F)

OPTICS

Beam angle:	60°
Field angle:	80°
Lens type:	parabolic reflector in combination with HD fresnel lens
Additional optics:	30° (inc) - 15° (opt)

DYNAMIC EFFECTS

Static mode:	selection of static colour
Manual mode:	manual adjustment of dimmer and strobe
Auto mode:	built-in programs with execution speed adjustment

CONTROL

Supported Protocols:	DMX512
DMX channels:	1 / 2 / 5ch
Display:	Graphic User Interface
Master/Slave:	for synchronised operation of more units linked in a chain

ELECTRONICS

Dimmer:	linear 0 - 100% electronic dimmer
Dimmer curves:	4 selectable dimming modes available
Strobe / shutter:	1 - 28 Hz, electronic
Selectable PWM:	600 to 25,000 Hz (selectable steps)
Firmware upgrade with:	via DMX with UPBOXPRO/ UPBOX1 (not included)

CONNECTIONS

Power connection:	moulded IP power IN connector
Signal connection:	XLR 5p IN/OUT connectors

ELECTRICAL

Mains power supply:	100-240V - 50/60Hz
Max power consumption (230V):	54W
Output (at 230V):	29 units on a single power line
Power factor:	>0,98

PHYSICAL

IP rating:	IP20
Cooling:	fan-free with natural convection
Housing:	Sturdy die-cast aluminium body
Finish:	black
Operating temperature:	Ta -10 to +45 °C (+14 to +113 °F)
Dimensions (WxHxD):	166x118x250mm
Weight:	1,85kg

INSTALLATION

Suspension and fixing:	double bracket for hanging and floor positioning

CERTIFICATIONS / REPORTS

Compliance:	CE, UKCA, RCM

BOX CONTENT

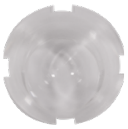
1 x DISPLAYCOBDY

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ACCESSORIES & RELATED PRODUCTS



DISPLAYCOBL30
Optics for DISPLAYCOB projectors series, 30°



DISPLAYCOBL15
Optics for DISPLAYCOB projectors series, 15°



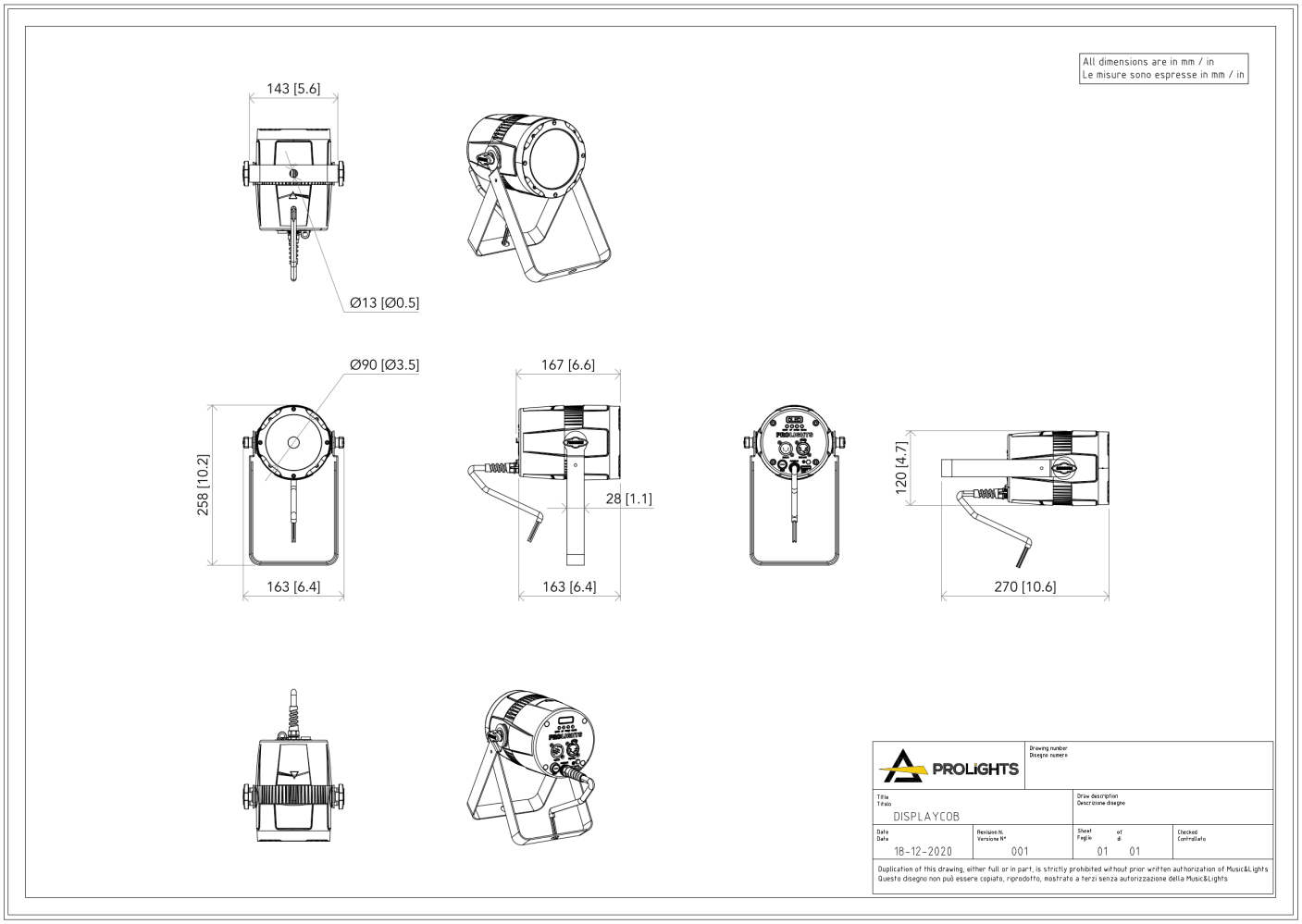
DISPLAYCOBBDBK
Barn door with 4 directional flaps to adjust the light beam, for DISPLAYCOB, BK



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

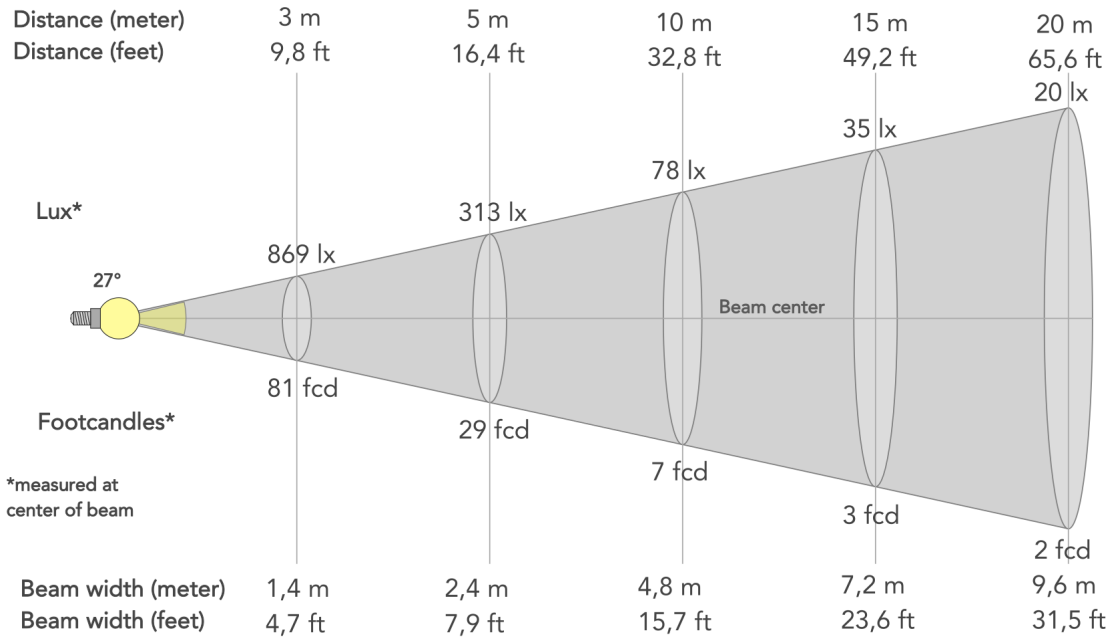
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TECHNICAL DRAWINGS



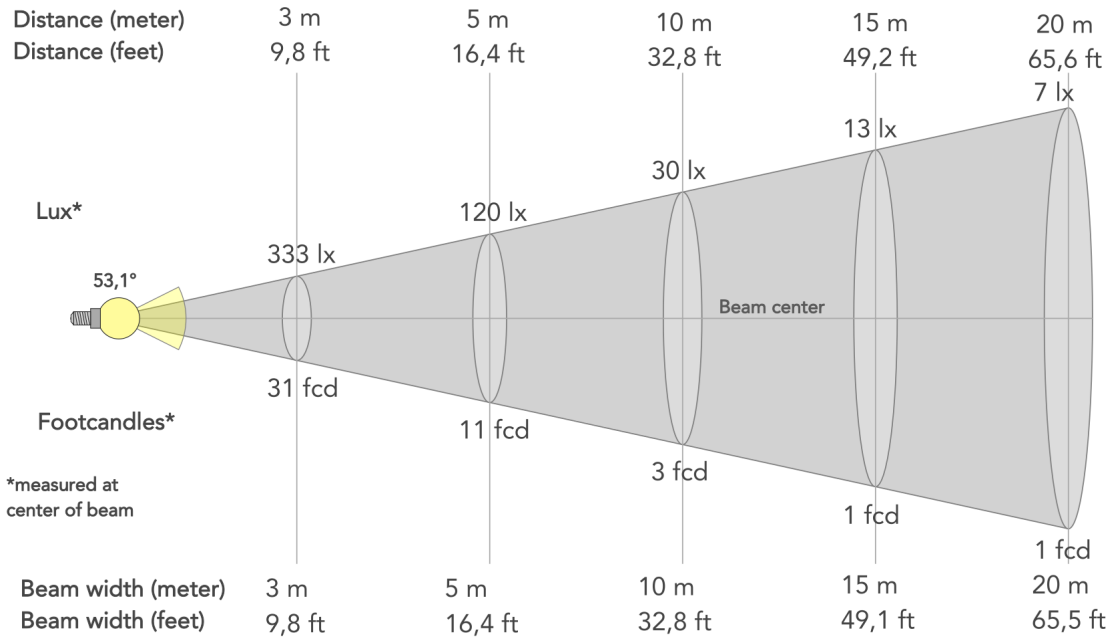
PHOTOMETRICS

Full on - 30°



Beam angle (50%): **27°**	Field angle (10%): **50.4°**	Cut-off angle (2.5%): **103.7°**

Full on - 60°



Beam angle (50%): **53.1°**	Field angle (10%): **89.2°**	Cut-off angle (2.5%): **127.1°**