EclPar DotFC NEW

ORDER CODE: ECLPARDOTFC



SOURCE	IP RATING	WEIGHT
1 x 20W RGB + Warm White LED	IP20	1,2kg / 2.65lbs

CRI
94,2 @3.200K

TECHNICAL SPECIFICATIONS

LIGHT SOURCE

Source:	1 x 20W RGB + Warm White LED
Source CCT:	2.800K - 10.000KK
Luminous flux:	627 @Full
Lux:	1352lx @5 m full
CRI:	94,2 @3.200K; 91,1 @5.600K
R9:	97,2 @3.200K; 96,6 @5.600K
TM30 Rf:	91,7 @3.200K; 90,3 @5.600K
TM30 Rg:	105,9 @3.200K; 108,2 @5.600K
Source life expectancy:	> 90.000 hrs (L70B10 @Ta 25° C / 77° F)

OPTICS

Beam angle:	6°
Field angle:	11,5°
Lens diameter:	60mm

COLOUR SYSTEM

Spektra OS:	unmatched color precision and consistency
CCT:	CCT control range from 2.800K to 10.000K, + / - green correction, tungsten emulation
White presets:	2.800 K ~ 10.000K
Colour wheel:	gel filters included

DYNAMIC EFFECTS

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
Special features:	linear crossfade channel from any white to any colour; virtual CTO on colours

CONTROL

Supported Protocols:	DMX512, RDM
DMX channels:	1 / 2 / 5 / 6 / 9 / 12 / 13ch
RDM:	for remote addressing and parameter configuration
Display:	LED display user interface
Stand Alone:	push encoder
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:	1-30 Hz, electronic
Selectable PWM:	600 to 25,000 Hz (selectable steps)
Firmware upgrade with:	via DMX with UPBOXPRO/ UPBOX1 (not included)

CONNECTIONS

Power connection:	Seetronic powerCON IN/OUT connectors
Signal connection:	Amphenol XLR 5p IN/OUT connectors

ELECTRICAL

Mains power supply:	100-240V - 50/60Hz
Max power consumption (230V):	25W
Standby power:	1 W
Power factor:	> 0,9

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):	165x221x144mm
Weight:	1,2kg

Downloaded on 09/11/2026 - data may be provisional: features, specifications and appearance are subject to change without notice

TECHNICAL SPECIFICATIONS

INSTALLATION

Suspension and fixing:	double bracket for hanging and floor positioning
Other:	Front mount holder for accessories - see available accessories

CERTIFICATIONS / REPORTS

Compliance:	CE, RCM, cTUVus

BOX CONTENT

1 x ECLPARDOTFC

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

ACCESSORIES & RELATED PRODUCTS



PPBAG02

Waterproof and rugged Polypropylene case, 414x345x174 mm for GALLERYWASH and ECLPARDOT



PDOTFSNOOT

Full Snoot for EclParDOT



PDOTCLOUVRE

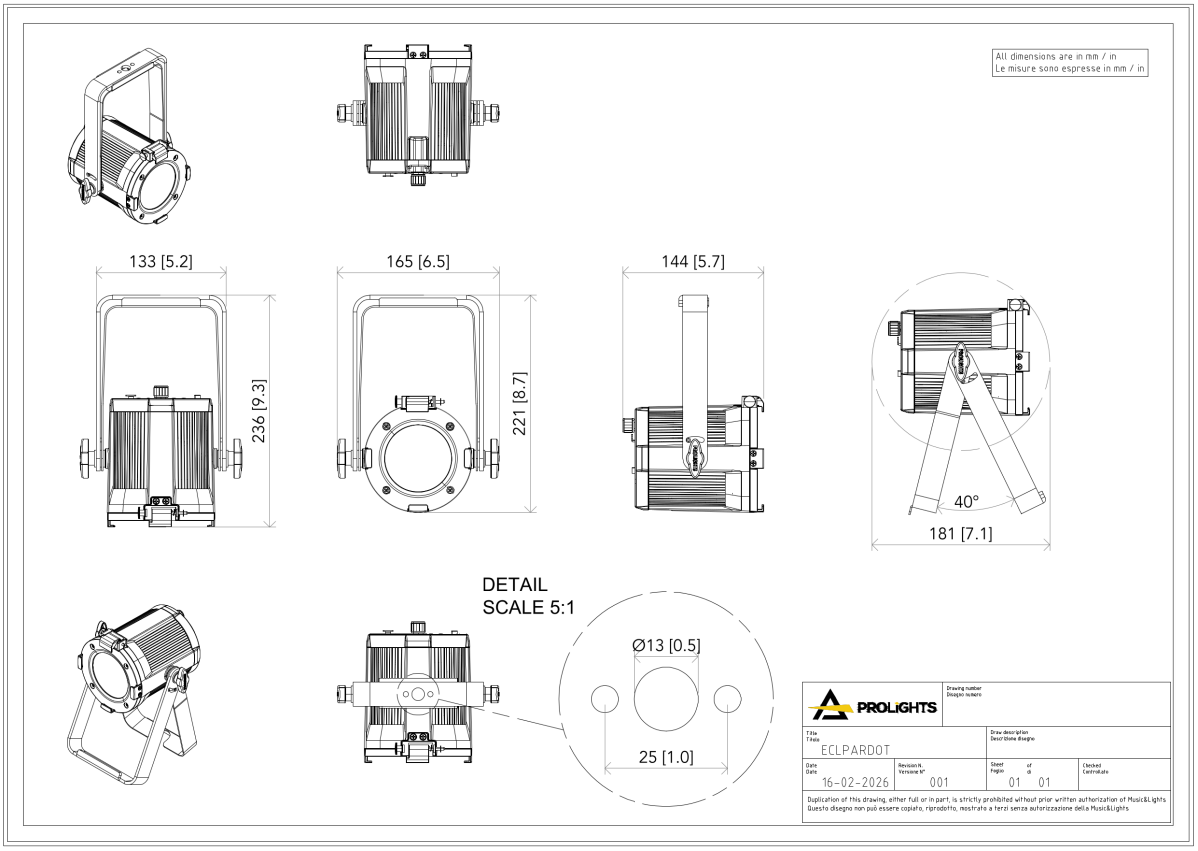
Concentric Louvre for EclParDOT



UPBOXPRO

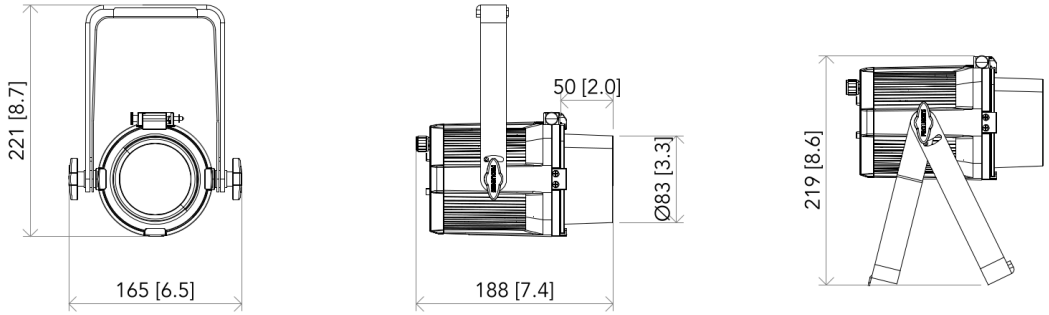
Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

TECHNICAL DRAWINGS

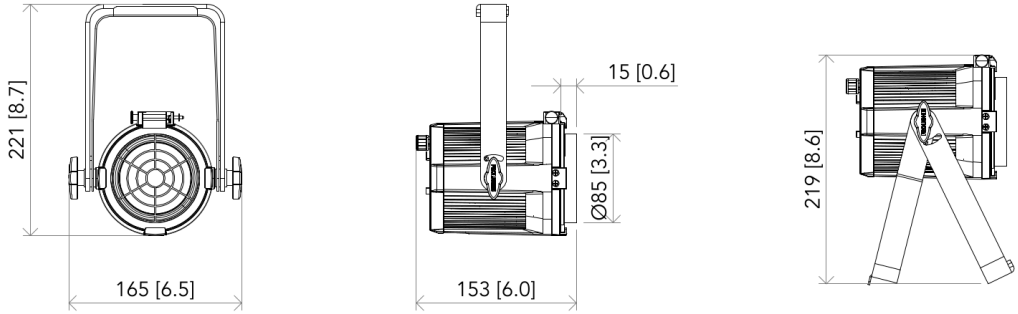


All dimensions are in mm / in
Le misure sono espresse in mm / in

PDOTFSNOOT



PDOTCLOUVRE

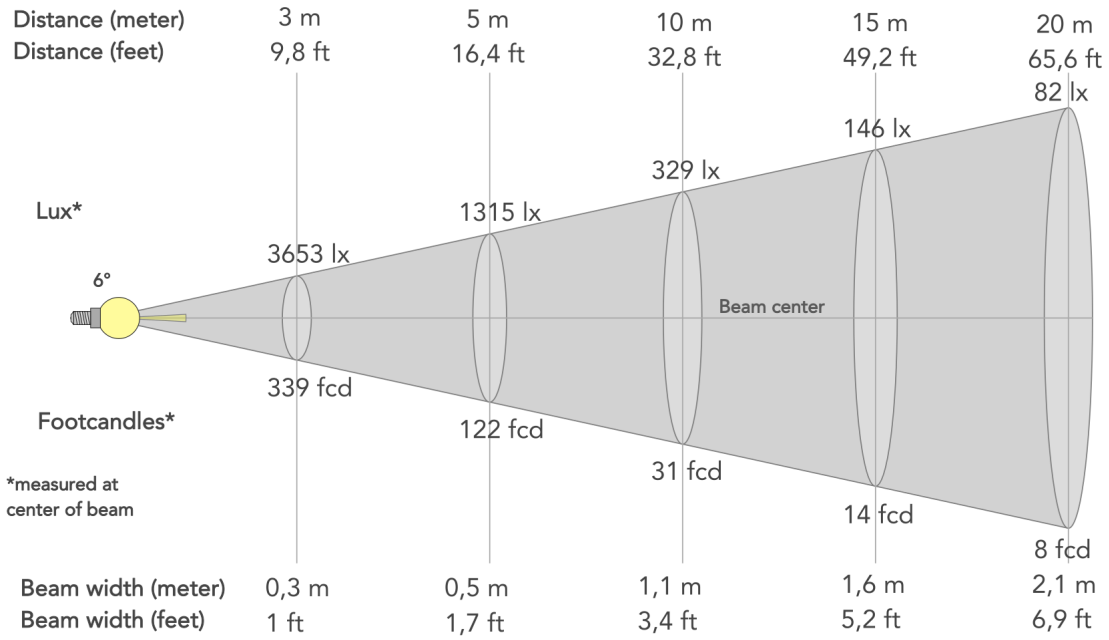


PROLIGHTS		Drawing number / Disegno numero: 01	
Title / Titolo: ECLPARDOT		Draw description / Descrizione disegno: With accessories	
Date / Date: 17-02-202	Revision N. / Versione N°: 001	Sheet / Foglio: 01 of / di 01	Checked / Controllato

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PHOTOMETRICS

Full On - HB - Original Optic



Beam angle (50%): **6°**	Field angle (10%): **11.5°**	Cut-off angle (2.5%): **16.4°**