EclPar DOTFC

20W RGB+WW LED pinspot, 6° beam angle
ORDER CODE: **ECLPARDOTFC**

The **EclPar** DOTFC is an ultra-compact, single-source LED projector with a fanless design, engineered for accent lighting and short-throw projection, blending seamlessly into any environment.
The **EclPar** DOTFC stands out as a super-compact, round spot fixture. It features a 20W RGB+WarmWhite LED source, delivering an ultra-narrow 6° beam angle with a light output of 590 lumens, ensuring high efficiency and advanced color control.
The **EclPar** DOTFC excels in high-quality white light reproduction, boasting high CRI and TM30 values. Its compact and silent design makes the EclPar DOTFC an essential tool for stages and perfectly adaptable to any location.

MAIN FEATURES

- 20W RGB +Warm White LED source
- 6° Beam Angle
- Fan-free
- Controlled by DMX, RDM or pusch encoder

TECHNICAL SPECIFICATION

LIGHT SOURCE
- Source: 1 x 20W RGB + Warm White LED
- CCT: 2.800K - 10.000K
- 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 / 2.36''

COLOUR SYSTEM
- Colour mixing: RGB + Warm White
- 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
- Firmware upgrade: via DMX with UPBOXPRO/UPBOX1 (USB-DMX interface not included)
- Stand Alone: push encoder
- Master/Slave: for synchronised operation of more units linked in a chain

BODY
- Body: Sturdy die-cast aluminium body
- Body colour: black
- Other: Front mount holder for accessories - see available accessories

ELECTRONICS
- Dimmer: linear 0 ~ 100% electronic dimmer
- Dimmer curves: 4 selectable dimming modes available
- Strobe / shutter: 1-30 Hz, electronic
- Operating temperature: Ta -10 to +45 °C (+14 to +113 °F)
- LED Control: flicker free frequency with adjustable PWM
- Selectable PWM: 600 to 25000 Hz (selectable steps)

ELECTRICAL
- Mains power supply: 100-240V - 50/60Hz
- Max power consumption: 25W
- Standby power: 0,5 W
- Power factor: > 0,9

PHYSICAL
- IP rating: IP20
- Cooling: fan-free with natural convection
- Suspension and fixing: double hanging bracket suitable for safe hanging and for floor positioning
- Signal connection: Amphenol XLR 5p IN/OUT connectors
- Power connection: Seetronic powerCON IN/OUT connectors
- Dimensions (WxHxD): 165x221x144mm / 6.5''x8.7''x5.67''
- Weight: 1,2kg / 2.65lbs
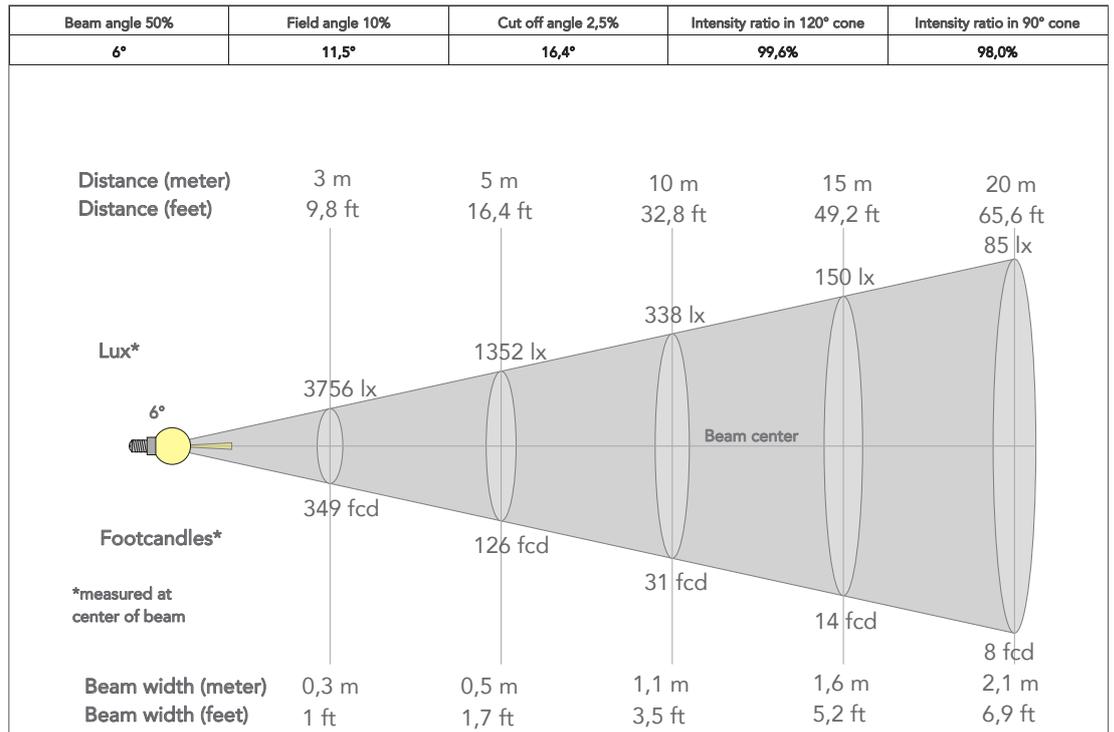
CERTIFICATIONS / APPROVALS
- Certifications / Approvals: CE, RCM
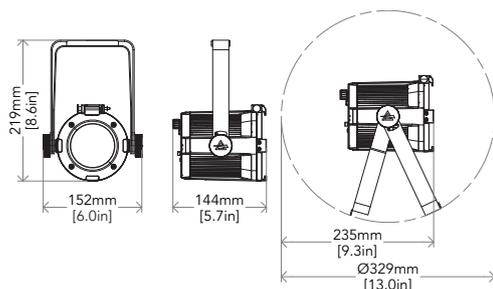
ACCESSORIES & RELATED PRODUCTS

PPBAG02	Waterproof and rugged Polypropylene case, 414x345x174 mm	
PDOTFSNOOT	Full Snoot Accessory for EclParDOT	
PDOTCLOUVRE	Concentric Louvre Accessory for EclParDOT	
SPGM10	28mm spigot for fixtures, M10 bolt	
SPGM12	28mm spigot for fixtures, M12 bolt	
RSR0630B	Steel security cable for hanging bodies, inox steel shackle	
C6002B	Slim aluminium clamp, 200 kg loading, 48-51 mm tubes, M10 bolt	
UPBOXPRO	Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector	

TOUR53415L03BK	Dmx cable HC5340. CANC5MXX XLR 5p->CANC5FXX XLR (f) 5p
958215L03	3x1.5mm TH07 Cable, 16A 3p PwCon MXW, 16A 3p PwCon FXW
9513FXWL03	Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, MENAC3FXW socket
9533FXWL03	Ass. 3x2.5mm TH07 cable, SCHUKO plug, MENAC3FXW socket

PROLIGHTS

PRESET FULL ON
Beam angle 50%: 6°

Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
6°	11,5°	16,4°	99,6%	98,0%

Distance (meter)	3 m	5 m	10 m	15 m	20 m
Distance (feet)	9,8 ft	16,4 ft	32,8 ft	49,2 ft	65,6 ft
Lux*	3756 lx	1352 lx	338 lx	150 lx	85 lx
Footcandles*	349 fcd	126 fcd	31 fcd	14 fcd	8 fcd
Beam width (meter)	0,3 m	0,5 m	1,1 m	1,6 m	2,1 m
Beam width (feet)	1 ft	1,7 ft	3,5 ft	5,2 ft	6,9 ft

6°

Beam center

*measured at center of beam

TECHICAL DRAWINGS

219mm
[8.6in]

152mm
[6.0in]

144mm
[5.7in]

235mm
[9.3in]

Ø329mm
[13.0in]

CERTIFICATIONS / APPROVALS

Visit our website for specifications and tech documentations

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MUSIC & LIGHTS S.r.l.
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Via A. Olivetti snc
04026 - Minturno (LT) ITALY
Tel: +39 0771 72190

prolights.it
info@prolights.it