EclPar DOTVW

20W Variable White LED pinspot, 5° beam angle
ORDER CODE: **ECLPARDOTVW**

PROLIGHTS

The **EclPar** DOTVW 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** DOTVW stands out as a super-compact, round spot fixture. It features a 20W Variable White LED source, delivering an ultra-narrow 5° beam angle, ensuring high efficiency and accurate CCT control for consistent white light reproduction.

The **EclPar** DOTVW excels in high-quality white light reproduction, boasting high CRI and TM30 values. Its compact and silent design makes the **EclPar** DOTVW an essential tool for stages and perfectly adaptable to any location.

MAIN FEATURES

- 20W Variable White LED source
- 5° Beam Angle
- Fan-free
- Controlled by DMX, RDM or pusch encoder

TECHNICAL SPECIFICATION

LIGHT SOURCE
- Source: 1 x 20W Warm White + Cold White LEDs
- CCT: 2.800K - 6.500K
- Luminous flux: 844 lm @Full
- Luminous flux: 753 lm @3.200 K; 889 lm @5.600 K
- Lux: 3.702lx @5 m full
- Lux: 3.349lx @5 m 3.200K; 3.811lx @5 m 5.600K
- CRI: 96,7 @3.200K; 96,1 @5.600K
- R9: 91,7 @3.200K; 98,6 @5.600K
- TLCI: 95 @3.200K; 99 @5.600K
- TM30 Rf: 93,6 @3.200K; 94,1 @5.600K
- TM30 Rg: 104,4 @3.200K; 102,9 @5.600K
- Source life expectancy: > 90.000 hrs (L70B10 @Ta 25° C / 77° F)

OPTICS
- Beam angle: 4,6°
- Field angle: 7,7°
- Lens diameter: 60mm / 2.36''
- COLOUR SYSTEM
- Colour mixing: tunable white
- CCT: CCT control through dedicated DMX channel
- Macros: built-in white presets

DYNAMIC EFFECTS
- Static mode: selection of static dimmer, colors and color temperature
- Manual mode: manual adjustment of dimmer and strobe
- Auto mode: built-in programs with execution speed adjustment

CONTROL
- Supported Protocols: DMX512, RDM
- DMX channels: 1 / 2 / 3 / 4 / 9ch
- 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''
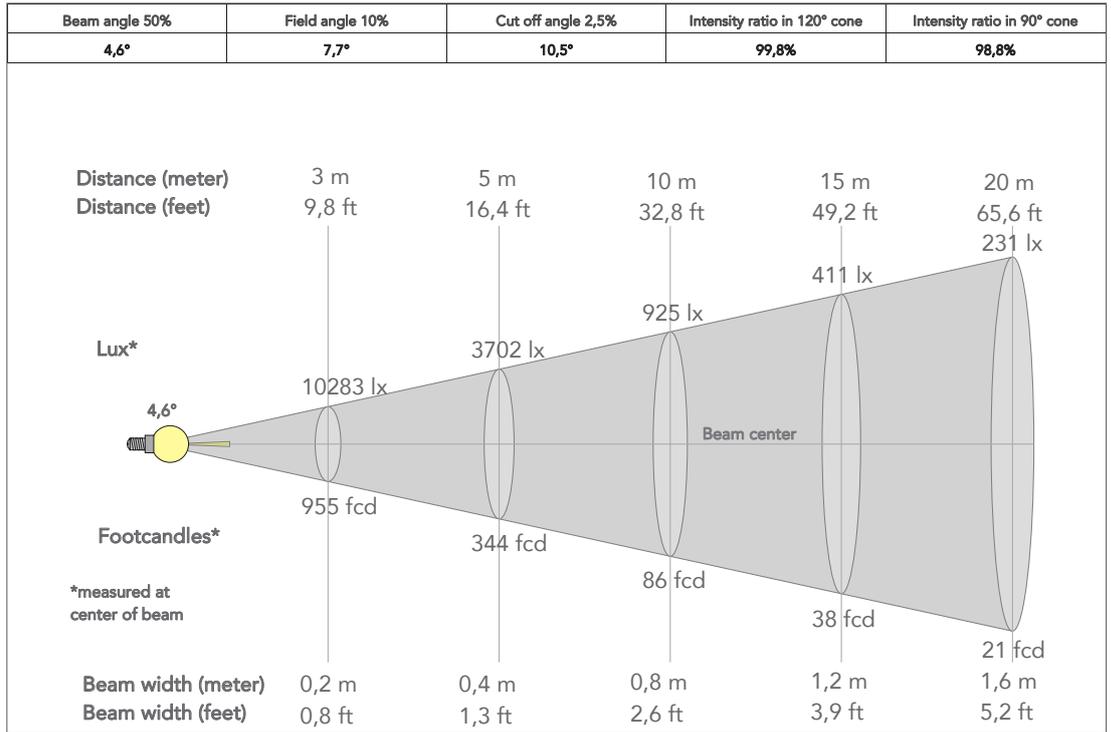- Weight: 1,2kg / 2.65lbs

CERTIFICATIONS / APPROVALS
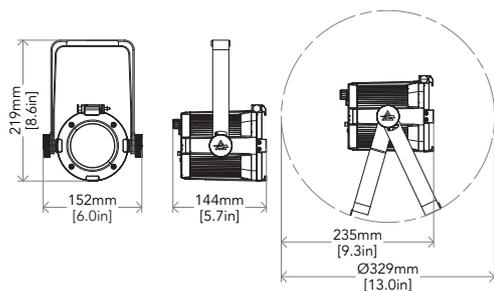- Certifications / Approvals: CE, RCM

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

PRESET FULL ON

Beam angle 50%: 4,6°

Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
4,6°	7,7°	10,5°	99,8%	98,8%

	3 m	5 m	10 m	15 m	20 m
Distance (meter) Distance (feet)	9,8 ft	16,4 ft	32,8 ft	49,2 ft	65,6 ft
Lux*	10283 lx	3702 lx	925 lx	411 lx	231 lx
Footcandles*	955 fcd	344 fcd	86 fcd	38 fcd	21 fcd
Beam width (meter) Beam width (feet)	0,2 m 0,8 ft	0,4 m 1,3 ft	0,8 m 2,6 ft	1,2 m 3,9 ft	1,6 m 5,2 ft

4,6°

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

CE

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