EclPar IPMVW

100W IP65 Variable White single source LED PAR

PROLIGHTS

EclPar IPMVW is a flexible IP rated single source LED spotlight, featuring an 100W Variable White light source with high efficiency and advanced colour control.

Its Spektra calibrated LED source delivers a high-quality white reproduction with high CRI and TM30 with an advanced control over colours, ensuring consistency across fixtures.

The unit is compact and completely fan free, making the **EclPar** IPMVW a workhorse for any outdoor and dusty environment, but as well as for corporate and studio whereas silent operations are required.

The flexible optical system allow a wide selection of lenses from narrow 15° (on board), flood 30°, and ultra wide 60°, which can be quickly mounted in front of the luminaire or inside the front tempered glass for lasting exterior installation.

MAIN FEATURES

- 100W Spektra calibrated Variable White LED delivering high CRI, TLCI, TM30 values
- Flex lens system: 15° on-board - 30° and 60° optional
- IP65 for exterior application, fan free

VERSIONS

Code	Housing
ECLPARIPMVWBK	Black

TECHNICAL SPECIFICATION

LIGHT SOURCE
- Source:100 W Variable White LED
- Luminous flux:(15°) 4'571 lm; (30°) 4'329 lm; (60°) 4'414 lm @full
- Lux:(15°) 3'072 lx; (30°) 451 lx; (60°) 163 lx @5 m full
- CRI:97,6 @full; 97,1 @2'700K; 96,4 @6'500K
- R9:95 @full; 83,7 @2'700K; 94,1 @6'500K
- TLCI:99 @full; 97 @2'700K; 98 @6'500K
- TM30 Rf:93,3 @full; 93,7 @2'700K; 91,5 @6'500K
- TM30 Rg:100,5 @full; 97,1 @2'700K; 98,1 @6'500K
- Source life expectancy: > 50.000 h

OPTICS
- Beam angle:(on-board) 15° - (opt) 30°, 60 °
- Field angle:(on-board) 24 °
- Lens diameter:172 mm
- Lens type: parabolic reflector in combination with HD fresnel lens
- Additional optics:(opt) 30°, 60°
- Other: possible to mount lens both on the internal side and on the external side

COLOUR SYSTEM
- Colour mixing: tunable white
- CCT: CCT control through dedicated DMX channel
- White presets:2.700 K ~ 6.500 K
- Macros: built-in white presets

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

BODY
- Body: sturdy die-cast aluminium body
- Body colour: black
- Other:Front mount holder for accessories as barn door, filter frame

CONTROL
- Protocols: DMX512, RDM, CRMX
- DMX channels:1 / 2 / 4 / 5 / 9 / 11 channel

- Wireless Control: optional, LumenRadio Timo Fx DMX/RDM compatible with both CRMX (Lumen Radio) and W-DMX (Wireless DMX)
- RDM: RDM for remote monitoring and settings
- Display: Graphic User Interface
- Firmware upgrade: yes, via USB - DMX interface (UPBOXPRO/UPBOX1) not included
- 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
- Operating temperature: -20° C / +45° C (-4° F / +113° F)
- LED Control: flicker free operation
- Selectable PWM: 600 ~ 40.000 Hz

ELECTRICAL
- Mains power supply: 100-240V - 50/60Hz
- Max power consumption:117 W
- Output (at 230V):24 units on a single power line
- Power factor:> 0,93

PHYSICAL
- IP rating:65 for temporary outdoor application, not for fixed installations
- Cooling: passive cooling and fan-free
- Suspension and fixing: double hanging bracket suitable for safe hanging and for floor positioning
- Signal connection: Seetronic XLR 5p IN/OUT connectors
- Power connection: Seetronic powerCON TRUE IP65 IN/OUT
- Dimensions (WxHxD):262x327x213 mm
- Weight:4,1 kg
- (*) NOTE: Suitable for permanent outdoor use, provided installation and maintenance cycles by qualified technicians are carried.
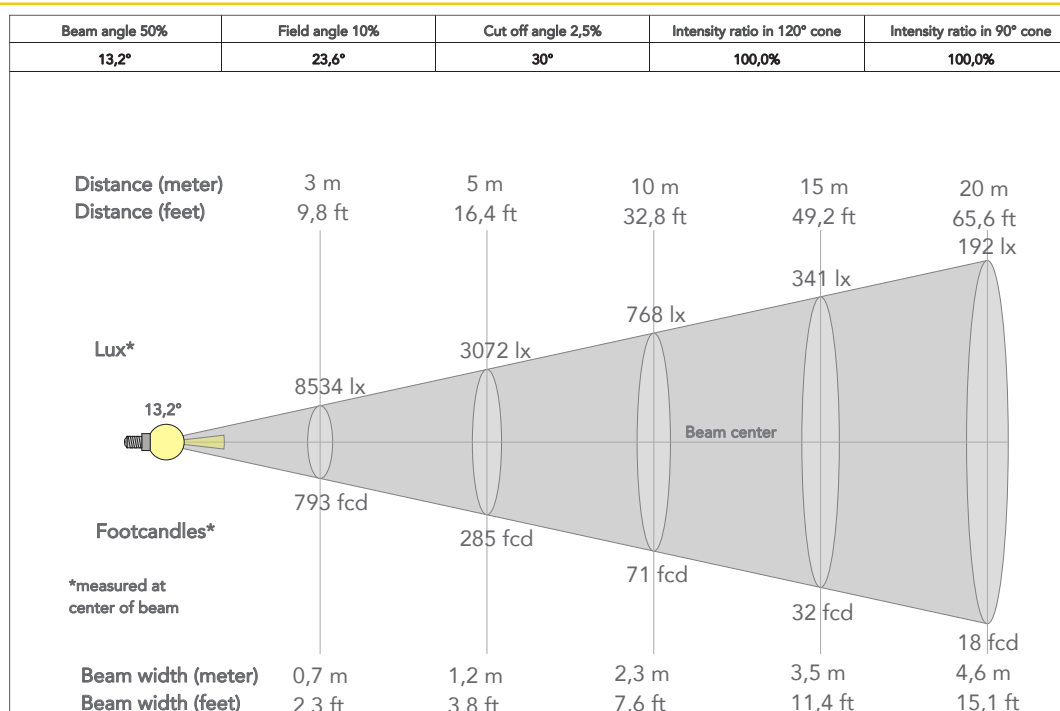
CERTIFICATIONS / APPROVALS
- Certifications / Approvals: CE, UKCA, RCM, cTUVus, FCC
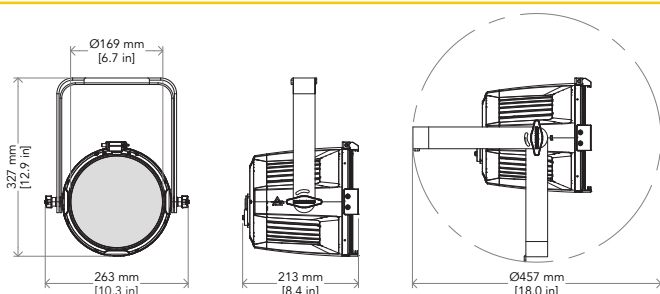
ACCESSORIES & RELATED PRODUCTS

▪ FCLECLPARIPM	Flight case for 6 pcs of ECLPARIPM series
▪ EPIPMBAG1U	Empty ABS case for 1 pc of ECLPARIPM series
▪ ECLPARIPMBDBK	Barn door with 8 directional flaps to adjust the light beam for ECLPARIPM
▪ ECLPARTPG	Gel filter frame for ECLPAR projectors
▪ EPIPMRFFBK	Round filter frame for ECLPARIPM series black
▪ ECLPARIPMWBK	CRMX Timo Fx kit for ECLPARIPM series black
▪ EPIPMLENS15/30/60	ECLPARIPM series lens 15°/30°/60°
▪ EPIPMFILT1020/1040 1060/3060	Light diffusion filter for ECLPARIPM, asymmetric 10°x20°, 10°x40°, 10°x60°, 30°x60°
▪ EPIPMFHBK	Filter holder for ECLPARIPM series
▪ EPIPMFSNOOTBK	Full snoot for ECLPARIPM series
▪ EPIPMHLOUVREBK	Honeycomb louvre for ECLPARIPM series
▪ SPGM10	28mm spigot for fixtures, M10 bolt

▪ SPGM12	28mm spigot for fixtures, M12 bolt
▪ UPBOX1UP5	Firmware uploader kit, USB IN, 5p XLR DMX OUT, DMX OUT
▪ 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
▪ RSR0630B	Steel security cable for hanging bodies, inox steel shackle
▪ C6002B	Slim aluminium clamp, 200 kg loading, 48-51 mm tubes, M10 bolt
▪ 9533FXWL03	Ass. 3x2.5mm TH07 cable, SCHUKO plug, MENAC3FXW socket

PRESET FULL ON

Beam angle 50%: 15°

Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
13,2°	23,6°	30°	100,0%	100,0%

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*

192 lx
341 lx
768 lx
3072 lx
8534 lx

13,2°

Beam center

Footcandles*

793 fcd
285 fcd
71 fcd
32 fcd
18 fcd

*measured at center of beam

Beam width (meter)	0,7 m	1,2 m	2,3 m	3,5 m	4,6 m
Beam width (feet)	2,3 ft	3,8 ft	7,6 ft	11,4 ft	15,1 ft

TECHNICAL DRAWINGS

Ø169 mm [6.7 in]
327 mm [12.9 in]
263 mm [10.3 in]
213 mm [8.4 in]
Ø457 mm [18.0 in]

CERTIFICATIONS / APPROVALS

Conforms to UL STD. 1573
Certified to CSA STD: C22.2 NO. 166

TÜVRheinland

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