

EclPar IPMFC

100W IP65 RGB+WW single source LED PAR



EclPar IPMFC is a flexible IP rated single source LED spotlight, featuring an 100W RGB+WarmWhite 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 IPMFC** a workhorse for any outdoor and dusty environment, corporate events or studios where 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 RGB + Warm 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
ECLPARIPMFCBK	Black

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 100W RGB+WW LED array
- Luminous flux: (15°) 3'324 lm; (30°) 3'348 lm; (60°) 3'462 @Full
- Lux: (15°) 1'772 lx; (30°) 332 lx; (60°) 155lx @5 m full
- CRI: 93,7 @3'200K; 91,1 @5'600K
- R9: 89 @3'200K; 88 @5'600K
- TLCI: 77 @3'200K; 86 @5'600K
- TM30 Rf: 90 @3'200K; 89 @5'600K
- TM30 Rg: 109 @3'200K; 108 @5'600K
- Source life expectancy: > 50.000 h

OPTICS

- Beam angle: (on-board) 15° - (opt) 30°, 60°
- Field angle: (on-board) 26°
- Lens diameter: 172mm / 6.77"
- 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: RGB + Warm White
- CCT: CCT control, + / - green correction, tungsten emulation
- White presets: 2.700 K ~ 10.000K
- Macros: Gels library on-board

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, CRMX (optional)
- DMX channels: 1 / 2 / 5 / 9 / 10 / 12 / 18ch
- RDM: for remote addressing and parameter configuration
- 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 - 30 Hz, electronic
- Selectable PWM: 600 to 40000 Hz (selectable steps)
- Firmware upgrade: via DMX with UPBOXPRO/UPBOX1 (not included)

CONNECTIONS

- Power connection: Seetronic powerCON TRUE IP65 IN/OUT
- Signal connection: Seetronic XLR 5p IN/OUT connectors
- Wireless Connection: optional LumenRadio TiMo FX RDM - CRMX and W-DMX compatible

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption (230V): 120W
- Output (at 230V): 12 units on a single power line
- Power factor: > 0,94

PHYSICAL

- IP rating: IP65 for temporary outdoor use
- Cooling: fan-free with natural convection
- Housing: Sturdy die-cast aluminium body
- Finish: black
- Operating temperature: Ta -20 to +45 °C (-4 to +113 °F)
- Dimensions (WxHxD): 262x327x213mm / 10.31"x12.87"x8.39"
- Weight: 4,1kg / 9.04lbs

INSTALLATION

- Suspension and fixing: double hanging bracket suitable for safe hanging and for floor positioning
- Other: Front mount holder for accessories as barn door, filter frame

CERTIFICATIONS / REPORTS

- Compliance: CE, UKCA, RCM, cTUVus, FCC
- (*) NOTE: Suitable for permanent outdoor use, provided installation and maintenance cycles by qualified technicians are carried.

BOX CONTENT

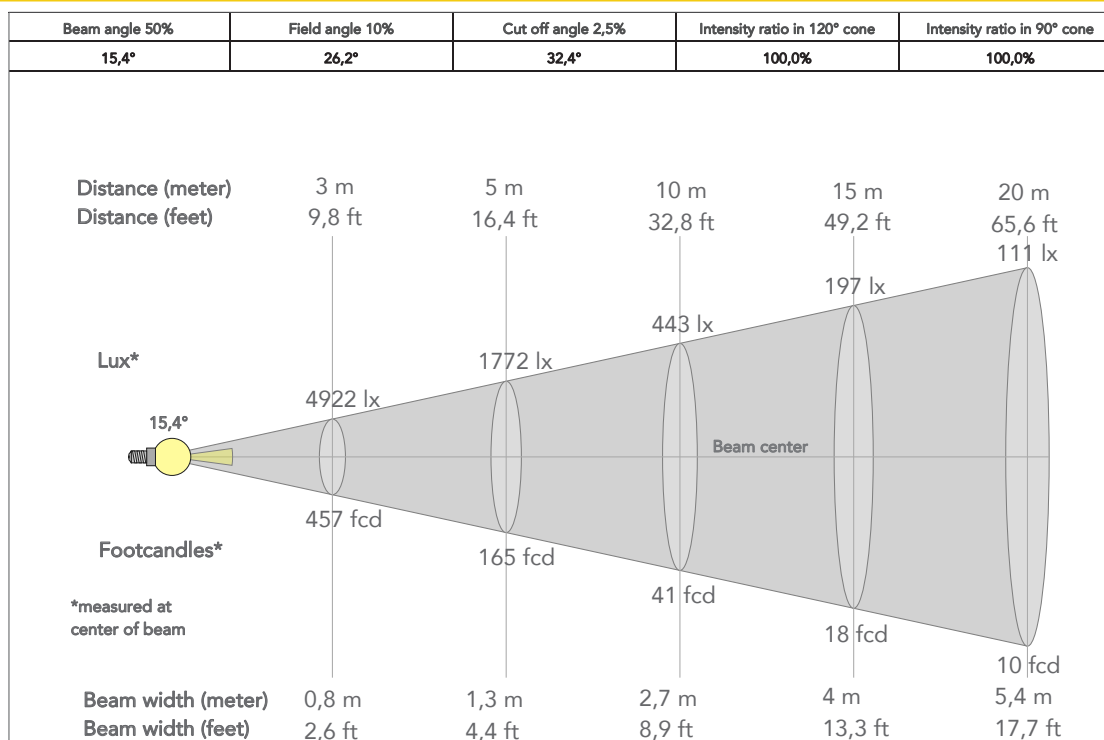
- 1 x ECLPARIPMFC
- 1 x EPIPMLENS15
- 1 x ECLPARTPG
- 1 x 1,5 meters 3G1,5mmq power cable (BARE END - SEETRONIC POWERCON TRUE1 IP65 power connector)
- 1 x User Manual

ACCESSORIES & RELATED PRODUCTS

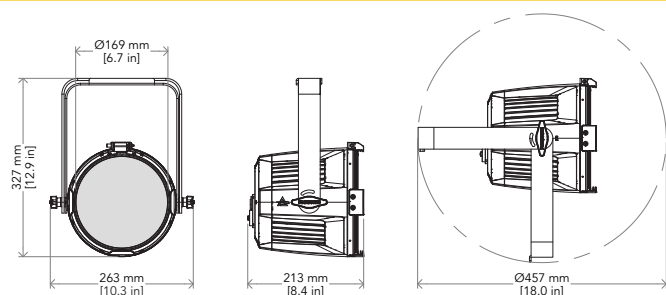
▪ FCLECLPARIPM	Flight case for 6 pcs of ECLPARIPM series	▪ SPGM12	28mm spigot for fixtures, M12 bolt
▪ EPIPMBAG1U	Empty ABS case for 1 pc of ECLPARIPM series	▪ UPBOX1UP5	Firmware uploader kit, USB IN, 5p XLR DMX OUT, DMX OUT
▪ ECLPARIPMBDBK	Barn door with 8 directional flaps to adjust the light beam for ECLPARIPM	▪ UPBOXPRO	Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector
▪ ECLPARTPG	Gel filter frame for ECLPAR projectors	▪ TOUR53415L03BK	Dmx cable HC5340. CANCEMXX XLR 5p->CANCE5FXX XLR (f) 5p
▪ EPIPMRFFBK	Round filter frame for ECLPARIPM series black	▪ 958215L03	3x1.5mm TH07 Cable, 16A 3p PwCon MXW, 16A 3p PwCon FXW
▪ ECLPARIPMWBK	CRMX Timo Fx kit for ECLPARIPM series black	▪ 9513FXWL03	Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, MENAC3FXW socket
▪ EPIPMLENS15/30/60	ECLPARIPM series lens 15°/30°/60°	▪ RSR0630B	Steel security cable for hanging bodies, inox steel shackle
▪ EPIPMFILT1020/1040 1060/3060	Light diffusion filter for ECLPARIPM, asymmetric 10°x20°, 10°x40°, 10°x60°, 30°x60°	▪ C6002B	Slim aluminium clamp, 200 kg loading, 48-51 mm tubes, M10 bolt
▪ EPIPMFHBK	Filter holder for ECLPARIPM series	▪ 9533FXWL03	Ass. 3x2.5mm TH07 cable, SCHUKO plug, MENAC3FXW socket
▪ EPIPMFSNOOTBK	Full snoot for ECLPARIPM series		
▪ EPIPMHLOUVREBK	Honeycomb louvre for ECLPARIPM series		
▪ SPGM10	28mm spigot for fixtures, M10 bolt		

PRESET FULL ON

Beam angle 50%: 15°



TECHICAL DRAWINGS



CERTIFICATIONS / APPROVALS



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

Visit our website
for specifications and
tech documentations

