

# 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, 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 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: 100 W COB RGB+WW LED
- Luminous flux: (15°) 3'324 lm; (30°) 3'453 lm @full
- Lux: (15°) 1'772 lx; (30°) 387 lx @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: 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: RGB + Warm White
- CCT: CCT control, + / - green correction, tungsten emulation
- White presets: 2.700 K ~ 10.000 K
- 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

### 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 / 5 / 9 / 10 / 12 / 18 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 (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: 120 W
- Output (at 230V): 24 units on a single power line
- Power factor: > 0,94

### 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

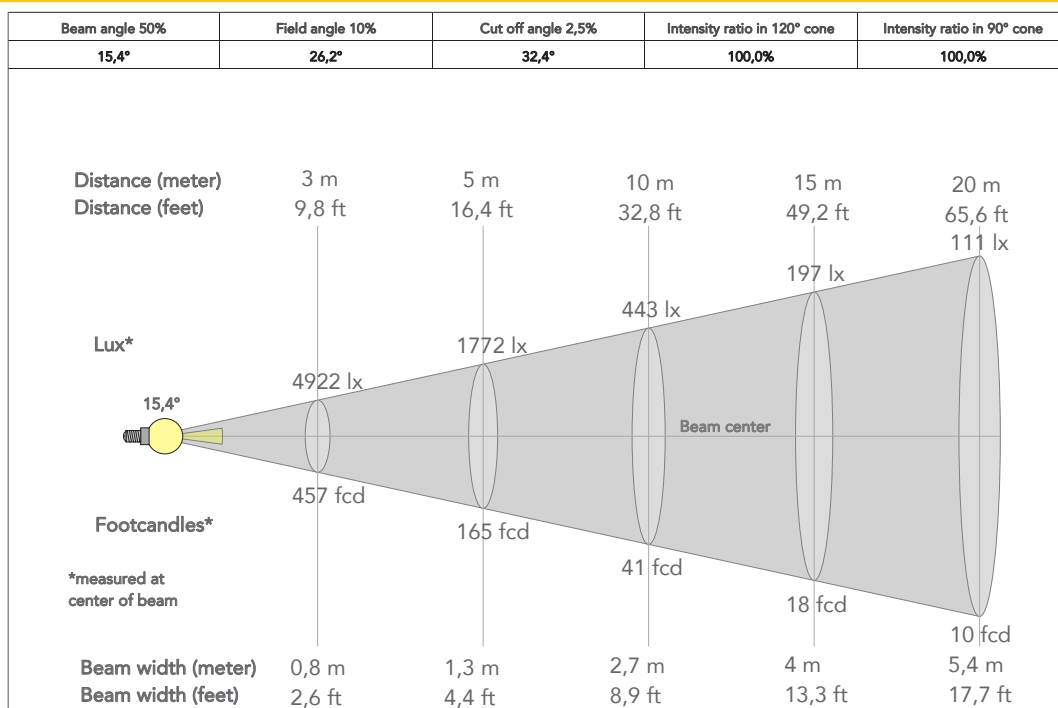
- Certifications / Approvals: CE, UKCA, RCM, cTUVus, FCC

## ACCESSORIES &amp; RELATED PRODUCTS

|                          |  |                  |   |
|--------------------------|--|------------------|---|
| ▪ FCLECLPARIPM           | Flight case for 6 pcs of ECLPARIPM series                                  | ▪ SPGM10         | 28mm spigot for fixtures, M10 bolt                              |
| ▪ EIPMBAG1U              | Empty ABS case for 1 pc of ECLPARIPM series                                | ▪ SPGM12         | 28mm spigot for fixtures, M12 bolt                              |
| ▪ ECLPARIPMBDBK          | Barn door with 8 directional flaps to adjust the light beam for ECLPARIPM  | ▪ UPBOX1UP5      | Firmware uploader kit, USB IN, 5p XLR DMX OUT, DMX OUT (f) 5p   |
| ▪ ECLPARTPG              | Gel filter frame for ECLPAR projectors                                     | ▪ TOUR53415L03BK | Dmx cable HC5340. CANC5MXX XLR 5p->CANC5FXX XLR (f) 3p          |
| ▪ EIPMRFFBK              | Round filter frame for ECLPARIPM series black                              | ▪ TOUR53413L03BK | Dmx cable HC5340. CANC3MXX XLR 3p->CANC3FXX XLR (f) 3p          |
| ▪ ECLPARIPMWBK           | CRMX Timo Fx kit for ECLPARIPM series black                                | ▪ 958025L03      | 3x2.5mm TH07 Cable, 20A 3p PwCon FCA, 20A 3p PwCon FCB          |
| ▪ EIPMLENS15/30/60       | ECLPARIPM series lens 15°/30°/60°  | ▪ 9513FCAL03     | Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, MENAC3FCA socket |
| ▪ EIPMFILT1040/1060/3060 | Light diffusion filter for ECLPARIPM, asymmetric 10°x40°, 10°x60°, 30°x60° | ▪ RSR0630B       | Steel security cable for hanging bodies, inox steel shackle     |
| ▪ EIPMFHBK               | Filter holder for ECLPARIPM series   | ▪ C6002B         | Slim aluminium clamp, 200 kg loading, 48-51 mm tubes, M10 bolt  |
| ▪ EIPMFNSOOTBK           | Full snoot for ECLPARIPM series  | ▪ 9533FCAL03     | Ass. 3x2.5mm TH07 cable, SHUKO plug, MENAC3FCA socket           |
| ▪ EIPMHLouvREBK          | Honeycomb louvre for ECLPARIPM series                                      |                  |   |

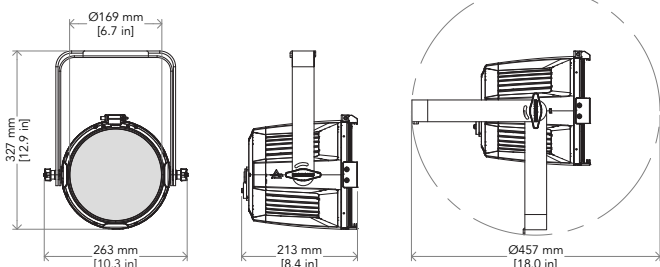
## PRESET FULL ON

Beam angle 50%: 15,4°



## TECHNICAL DRAWINGS

## CERTIFICATIONS / APPROVALS



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

Visit our website  
for specifications and  
tech documentations

