

# EclPar IPMFC

100W IP65 RGB+WW single source LED PAR

ORDER CODE: **ECLPARIPMFC**

**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
<b>ECLPARIPMFCBK</b>	Black
<b>ECLPARIPMFCWH</b>	White

## TECHNICAL SPECIFICATION

### LIGHT SOURCE

- Source: 100 W COB RGB+WW LED
- Luminous flux: preliminary data: (15°) 3'426 lm @full
- Lux: preliminary data: (15°) 1'716 lx @5 m full
- Source life expectancy: > 50.000 h

### OPTICS

- Beam angle: (on-board) 15° - (opt) 30°, 60°
- Field angle: (on-board) 26°
- Lens type: parabolic reflector in combination with HD fresnel lens
- Additional optics: (opt) 30°, 60°
- Other: Possible to mount lens both on the internal and on the external

### COLOUR SYSTEM

- Colour mixing: RGB + Warm White
- CCT: CCT control, + / - green correction, tungsten emulation
- White presets: 2.000 K ~ 10.000 K
- 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

### BODY

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

### CONTROL

- Protocols: DMX512, RDM, CRMX + WDMX
- DMX channels: TBD 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: black OLED touch display

- 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 ~ 25.000 Hz

### ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption: (TBC) 124 W
- Output (at 230V): 15 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): 262x327x210 mm
- Weight: (TBC) 4,5 kg

### CERTIFICATIONS / APPROVALS

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

## ACCESSORIES & RELATED PRODUCTS

- ECLPARIPMBDBK/WH Barn door with 8 directional flaps to adjust the light beam for ECLPARIPM black/white housing
- ECLPARTPG Gel filter frame for ECLPAR projectors
- 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
- TOUR53415L03BK Dmx cable HC5340. CANC5MXX XLR 5p->CANC5FX XLR (f) 5p

- TOUR53413L03BK Dmx cable HC5340. CANC3MXX XLR 3p->CANC3FX XLR (f) 3p
- 958025L03 3x2.5mm TH07 Cable, 20A 3p PwCon FCA, 20A 3p PwCon FCB
- 9513FCAL03 Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, MENAC3FCA socket
- RSR0630B Steel security cable for hanging bodies, inox steel shackle
- C6002B Slim aluminium clamp, 200 kg loading, 48-51 mm tubes, M10 bolt
- 9533FCAL03 Ass. 3x2.5mm TH07 cable, SHUKO plug, MENAC3FCA socket