

EclDisplay CRMXFC

40 RGB+WW LED Spotlight with Wireless CRMX and wired control, without lens



The **EclDisplay** CRMX series presents an innovative and versatile range of LED spotlights, designed for use in galleries, commercial spaces, and other public venues. These advanced fixtures are distinguished by their refined design and multiple control options, including both wired and wireless protocols. They are adaptable to a variety of applications, thanks to the availability of different sources and optics.

Each **EclDisplay** CRMX unit can be programmed and controlled via RDM, encompassing a comprehensive array of built-in input control protocols such as Wireless CRMX, DMX and local knob dimming. At the heart of the **EclDisplay** CRMX is a highly efficient 40 W RGB+WarmWhite, LED source, capable of delivering both a Full Colour spectrum and also tuneable White. The fixture's versatility is further enhanced by an extensive range of optional accessories, including profile (zoom and static) or wash lenses and additional optical elements like louvres and snoots. This makes the **EclDisplay** CRMX not just a lighting fixture, but a comprehensive lighting solution adaptable to a multitude of environments and needs.

VERSIONS

Code	Housing
ECLDISPLAYCRMXFCB	Black
ECLDISPLAYCRMXFCW	White

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 40 W RGB + Warm White LED
- Luminous flux: (profile - 20°) 366 lm - (profile - 40°) 325 lm; (wash 2550 - min) 308 lm - (wash 2550 - max) 407 lm; (wash 1530 - min) 309 lm - (wash 1530 - max) 343 @full
- Lux: (profile - 20°) 194 lx - (profile - 40°) 42 lx; (wash 2550 - min) 49 lx - (wash 2550 - max) 20 lx; (wash 1530 - min) 119 lx - (wash 1530 - max) 58 lx @5 m full
- Source life expectancy: > 50.000 hrs (L70B10 @Ta 25° C / 77° F)

OPTICS

- Zoom: (wash lens - optional) 15° ~ 30° or 25° ~ 50° - (profile lens - optional) 10° ~ 20° or 20° ~ 40° or 8°
- Other: 360° lens rotation - shutter blades lockable - optional 360° rotating barndoors and gel frame holder
- Other: (profile lens) shutter blades lockable
- Other: (profile lens - optional) manual rotating gobo holder size E, outer: 37 mm - image: 23 mm - thickness: max 3 mm

COLOUR SYSTEM

- Colour mixing: RGB + Warm White
- CCT: CCT control through dedicated DMX channel
- Colour wheel: virtual colour wheel with macros
- DYNAMIC EFFECTS
- Control Resolution: 16-bit dimmer, colours
- Static mode: selection of static colour
- Manual mode: manual adjustment of colour
- Auto mode: built-in programs with execution speed adjustment

BODY

- Hardware on-board: lockable tilt with screw
- Body: aluminium die-casting
- Body colour: RAL 9004 or RAL 9010
- Other: cable not included - Cable diameter range: 6 - 10 mm

MAIN FEATURES

- Data control through wireless CRMX, RDM, DMX and local knob dimming
- 40W RGB+WarmWhite LED
- Multiple lens options: Profile (zoom and static) or wash optics

CONTROL

- Protocols: Local Knob, DMX, RDM, CRMX
- Stand Alone: 1 push encoder
- DMX channels: 5 / 6 / 15 channel
- Wireless Control: included, LumenRadio TiMo receiver
- RDM: RDM for remote monitoring and settings
- Display: user interface through DATAMASTER external coder (not included)
- Firmware upgrade: yes, via USB - DMX interface (UPBOXPRO/UPBOX1) not included

ELECTRONICS

- Dimmer: linear 0 ~ 100% electronic dimmer
- Dimmer curves: 4 selectable dimming modes available
- Strobe / shutter: 1 - 30 Hz, electronic
- LED Control: flicker free operation
- Selectable PWM: 600 ~ 25.000 Hz

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption: 35 W
- Output (at 230V): 40 units on a single power line
- Power factor: > 0,94
- Inrush current: 110VAC/5.5A, 230VAC/13.75A

PHYSICAL

- Operating Temperature: -10° ~ +45°
- IP rating: 20
- Cooling: passive cooling and fan-free
- Suspension and fixing: track / hanging / ceiling installation
- Data connection: screw terminal blocks
- Power connection: screw terminal blocks
- Dimensions (WxHxD): 141x200x150 mm
- Weight: 1,4 kg

CERTIFICATIONS / APPROVALS

- Certifications / Approvals: CE, RCM, cTUVus