

EclDisplay CRMXVW

35W Variable White 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 White, high CRI LED source. This source is offered in multiple color temperature options: 35 W Variable White and 25 W 2.700K, 3,000 K, 4,000 K, and 5,600 K. 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 louvers 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
ECLDISPLAYCRMXVWB	Black
ECLDISPLAYCRMXVWW	White

MAIN FEATURES

- Data control through wireless CRMX, RDM, DMX and local knob dimming
- High CRI White LED available in 35W Variable White and 25W 2.700K, 3.000 K, 4.000 K, 5.600 K
- Multiple lens options: Profile (zoom and static) or wash optics

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 35 W Tunable White LED
- CCT: 2700K to 5600K
- Luminous flux: 2700K: (profile - 8°) 461 lm - (profile - 10°-20°) 838 lm @20° - (profile - 20°-40°) 833 lm @40° - (wash 25°-50°) 866 lm @50° - (wash 15°-30°) 802 lm @30°
- Luminous flux: 5600K: (profile - 8°) 641 lm - (profile - 10°-20°) 1'168 lm @20° - (profile - 20°-40°) 1'153 lm @40° - (wash 25°-50°) 1'183 lm @50° - (wash 15°-30°) 1'122 lm @30°
- Lux: 2700K: (profile - 8°) 1'334 lx - (profile - 10°-20°) 1'344 lx @10°; 426 lx @20° - (profile - 20°-40°) 347 lx @20°; 91 lx @40° - (wash 25°-50°) 134 lx @25°; 49 lx @50° - (wash 15°-30°) 292 lx @15°; 109 lx @30° lx @5 m
- Lux: 5600K: (profile - 8°) 1'807 lx - (profile - 10°-20°) 1'765 lx @10°; 529 lx @20° - (profile - 20°-40°) 587 lx @20°; 128 lx @40° - (wash 25°-50°) 186 lx @25°; 69 lx @50° - (wash 15°-30°) 403 lx @15°; 151 lx @30° lx @5 m
- CRI: 2700K: >96; 5600K: >96
- R9: 2700K: >87; 5600K: >90
- TLCI: 2700K: >96; 5600K: >97
- TM30 Rf: 2700K: >96; 5600K: >92
- TM30 Rg: 2700K: <101; 5600K: <99
- 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 fix 8°
- Other: 360° lens rotation - shutter blades lockable - optional 360° rotating barndoors and gel frame holder
- Other: (profile lens - optional) manual rotating gobo holder size E, outer: 37 mm - image: 23 mm - thickness: max 3 mm

COLOUR SYSTEM

- Colour mixing: warm white + cold white - tunable white
- CCT: linear CCT control

DYNAMIC EFFECTS

- Control Resolution: 16-bit dimmer
- Static mode: selection of static dimmer
- Manual mode: manual adjustment of dimmer and strobe
- 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

CONTROL

- Protocols: Local Knob, DMX, RDM, CRMX
- Stand Alone: 1 push encoder
- DMX channels: 1 / 2 / 3 / 4 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: 33 W
- Output (at 230V): 40 units on a single power line
- Power factor: > 0,93
- 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