

EclDisplay CRMX

25W White LED Spotlight with Wireless CRMX and wired control, without lens



VERSIONS

Code	CCT	Housing
ECLDISPLAYCRMX27KB/W	2,700K	Black/White
ECLDISPLAYCRMX30KB/W	3,000K	Black/White
ECLDISPLAYCRMX40KB/W	4,000K	Black/White
ECLDISPLAYCRMX56KB/W	5,600K	Black/White

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 25 W White COB LED
- Luminous flux: 2.700K: (profile - 20°) 1'270 lm - (profile - 40°) 1'301 lm; (wash 2550 - min) 999 lm - (wash 2550 - max) 1'454 lm; (wash 1530 - min) 1'069 lm - (wash 1530 - max) 1'317 lm @full
- Luminous flux: 3.000K: (profile - 20°) 1'352 lm - (profile - 40°) 1'377 lm; (wash 2550 - min) 1'116 lm - (wash 2550 - max) 1'663 lm; (wash 1530 - min) 1'196 lm - (wash 1530 - max) 1'468 lm
- Luminous flux: 4.000K: (profile - 20°) 1'581 lm - (profile - 40°) 1'568 lm; (wash 2550 - min) 1'242 lm - (wash 2550 - max) 1'788 lm; (wash 1530 - min) 1'329 lm - (wash 1530 - max) 1'639 lm
- Luminous flux: 5.600K: (profile - 20°) 1'687 lm - (profile - 40°) 1'700 lm; (wash 2550 - min) 1'367 lm - (wash 2550 - max) 1'997 lm; (wash 1530 - min) 1'493 lm - (wash 1530 - max) 1'843 lm
- Lux: 2.700K: (profile - 20°) 676 lx - (profile - 40°) 194 lx; (wash 2550 - min) 229 lx - (wash 2550 - max) 81 lx; (wash 1530 - min) 556 lx - (wash 1530 - max) 190 lx @5 m full
- Lux: 3.200K: (profile - 20°) 610 lx - (profile - 40°) 185 lx; (wash 2550 - min) 234 lx - (wash 2550 - max) 83 lx; (wash 1530 - min) 571 lx - (wash 1530 - max) 208 lx @5 m full
- Lux: 4.000K: (profile - 20°) 782 lx - (profile - 40°) 235 lx; (wash 2550 - min) 272 lx - (wash 2550 - max) 98 lx; (wash 1530 - min) 683 lx - (wash 1530 - max) 232 lx
- Lux: 5.600K: (profile - 20°) 853 lx - (profile - 40°) 250 lx; (wash 2550 - min) 292 lx - (wash 2550 - max) 107 lx; (wash 1530 - min) 720 lx - (wash 1530 - max) 261 lx
- CRI: > 97 @2.700K; > 98 @3.000K; > 98 @4.000K; > 95 @5.600K
- R9: > 89 @2.700K; > 90 @3.000K; > 90 @4.000K; > 82 @5.600K
- TLCl: > 92 @2.700K; > 98 @3.000K; > 98 @4.000K; > 98 @5.600K
- TM30 Rf: > 95 @2.700K; > 95 @3.000K; > 94 @4.000K; > 93 @5.600K
- TM30 Rg: < 99 @2.700K; < 99 @3.000K; < 100 @4.000K; < 101 @5.600K
- 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 - 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

DYNAMIC EFFECTS

- Control Resolution: 16-bit dimmer

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.

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

- 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: > 0,94
- 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): 141x200x115.5 mm
- Weight: 1,4 kg

CERTIFICATIONS / APPROVALS

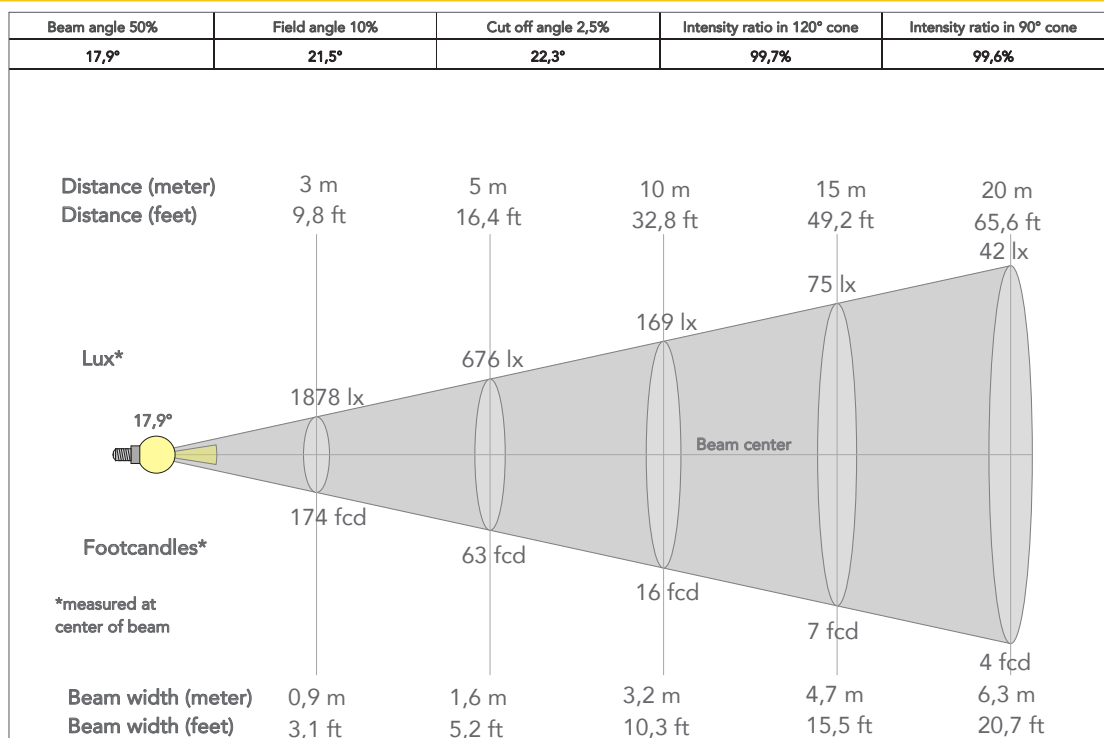
- Certifications / Approvals: CE, RCM

ACCESSORIES & RELATED PRODUCTS

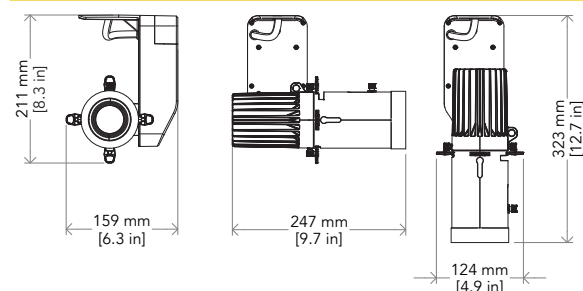
- ECLDISPPHDZL2040B/W 20° - 40° Zoomable High definition profile lenses for Ecl Display series
- ECLDISPPRL08B/W Fix Profile 8° Lens, with 4 framing shutters, for EclDisplay, black/white housing
- ECLDISPPRHDL18B/W 18° High definition profile lenses for Ecl Display series, black/white housing
- ECLDISPPRHDL36B/W 36° High definition profile lenses for Ecl Display series, black/white housing
- ECLDISPPRHDL50B/W 50° High definition profile lenses for Ecl Display series, black/white housing
- ECLDISPWASHL1530B/W Zoomable Wash Lens 15-30° for EclDisplay, black/white housing
- ECLDISPWASHL2550B/W Zoomable Wash Lens 25-50° for EclDisplay, black/white housing
- ECLDISPPRZL1020B/W Zoomable Profile Lens 10-20°, with 4 framing shutters, for EclDisplay, black/white housing
- ECLDISPPRZL2040B/W Zoomable Profile Lens 20-40°, with 4 framing shutters, for EclDisplay, black/white housing
- ECLDISPCEILKIT Ceiling adapter kit for EclDisplay (without flange)
- ECLDISPHSNOOTB/W Half Snoot for EclDisplay, black/white housing
- ECLDISPFSNOOTB/W Full Snoot for EclDisplay, black/white housing
- ECLDISPLOUVREB/W Anti-glare louvre for EclDisplay, black/white housing
- ECLDISPBDNFFB/W Barndoor and filter frame (compatible with Wash Lenses) for EclDisplay, black/white housing
- ECLDISPGOBOHINDB/W Gobo holder for EclDisplay with manual index gear on board, black/white housing
- ECLDISPCEILFLGB/W Black flange to complete the EclDisplay ceiling adapter kit, black/white housing
- PLCPW93075 Power PVC cable H05VV-F 3G0,75, 1 meter lenght
- PLCDX53D5 120 Ohm DMX cable, 2 twisted poles, external sheath with reduced diameter, 1 m
- PLCPD7501P14D Power & DMX 120 Ohm, 1 meter length
- PLCPD7501P68D Power & DMX 120 Ohm
- INF7501P14D5L01 YY splitter cable Power 3x1 mm2 + DMX 120 Ohm, bare end
- PLCYA7501P14D YY splitter cable Power 3x0.75 mm2 + 5p IN/OUT DMX 120 Ohm, bare end, 1 meter
- C6002B Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black
- RSR0630B Steel security cable for hanging bodies, inox steel shackle, L=60 cm,
- UPBOX1UP5 Firmware uploader kit, USB IN, 5p XLR DMX OUT, DMX OUT
- UPBOXPRO Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

PRESET FULL ON 2700K

Beam angle 50%: 18°



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

