

EclDisplay XBFC

40W RGB+Lime LED Spotlight with wired control, without lens



VERSIONS

Code	Housing
ECLDISPLAYXBFCB	Black
ECLDISPLAYXBFCW	White

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 40W RGB + lime LEDs
- Luminous flux: (profile 36 HD) 584 lm; (profile 2040 HD - min) 501 lm - (profile 2040 HD - max) 488 @Full
- Lux: (profile 36 HD) 118 lx; (profile 2040 HD - min) 302 lx - (profile 2040 HD - max) 80lx @5 m full
- Source life expectancy: > 50.000 hrs (L70B10 @Ta 25° C / 77° F)

OPTICS

- Zoom range: (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 + lime / full colour
- 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

The **EclDisplay** XB 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** XB unit can be programmed and controlled via RDM, built-in input control protocols such as DMX and local knob dimming.

At the heart of the **EclDisplay** XB is a highly efficient 40 W RGB+Lime, 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** XB not just a lighting fixture, but a comprehensive lighting solution adaptable to a multitude of environments and needs.

MAIN FEATURES

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

CONTROL

- Protocols: Local Knob, DMX, RDM, CRM (optional)
- Stand Alone: 1 rotatory knobs
- DMX channels: 5 / 6 / 15channel
- Wireless Control: Optional LumenRadio TiMoRX
- RDM: RDM for remote monitoring and settings
- Display: user interface through DATAMASTER external coder (not included)
- Firmware upgrade: via DMX with UPBOXPRO/UPBOX1 (USB-DMX interface 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: 35W
- Output (at 230V): 35 units on a single power line
- Power factor: > 0,94

PHYSICAL

- Operating Temperature: -10° ~ +45°
- IP rating: IP20
- Suspension and fixing: track / hanging / ceiling installation
- Data connection: screw terminal blocks
- Power connection: screw terminal blocks
- Dimensions (WxHxD): 141X200x150mm / 5.55"x5.91"
- Weight: 1,4kg / 3.09lbs

CERTIFICATIONS / APPROVALS

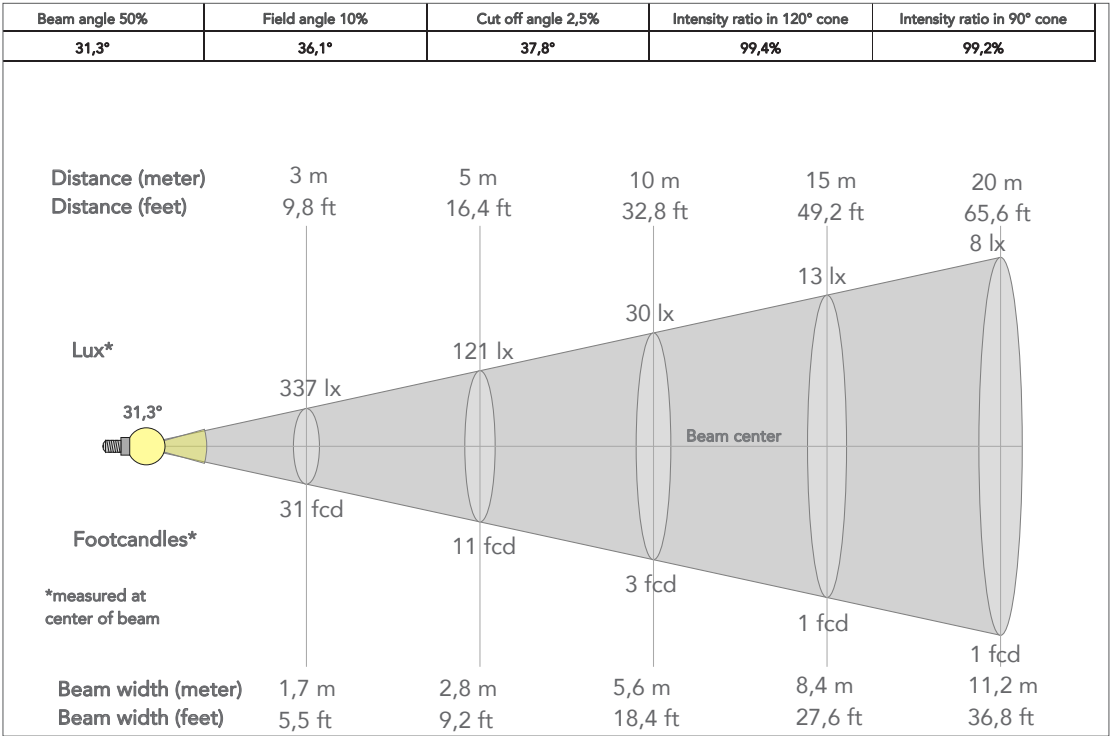
- Certifications / Approvals: CE, RCM

ACCESSORIES & RELATED PRODUCTS

▪ ECLDISPFILT01L	Light 1° frost filters for ECLDISPLAY and ECLMINI series, 87 mm diameter	▪ ECLDISPHSNOOTB/W	Half Snoot for EclDisplay, black/white housing
▪ ECLDISPFILT03M	Medium 3° frost filter for ECLDISPLAY and ECLMINI series, 87 mm diameter	▪ ECLDISPFSNOOTB/W	Full Snoot for EclDisplay, black/white housing
▪ ECLDISPFILT10H	Heavy 10° frost filter for ECLDISPLAY and ECLMINI series, 87 mm diameter	▪ ECLDISPLOUVREB/W	Anti-glare louvre for EclDisplay, black/white housing
▪ GWASHDATWK	CRMX Timo Rx kit for GALLERYWASHDAT series	▪ ECLDISPBDNFFB/W	Barndoor and filter frame (compatible with Wash Lenses) for EclDisplay, black/white housing
▪ ECLDISPPHDZL2040B/W	20° - 40° Zoomable High definition profile lenses for Ecl Display series	▪ ECLDISPGOBOHINDB/W	Gobo holder for EclDisplay with manual index gear on board, black/white housing
▪ ECLDISPPRLO8B/W	Fix Profile 8° Lens, with 4 framing shutters, for EclDisplay, black/white housing	▪ ECLDISPCEILFLGB/W	Black flange to complete the EclDisplay ceiling adapter kit, black/white housing
▪ ECLDISPPRHDL18B/W	18° High definition profile lenses for Ecl Display series, black/white housing	▪ PLCPW93075	Power PVC cable H05VV-F 3G0,75, 1 meter lenght
▪ ECLDISPPRHDL36B/W	36° High definition profile lenses for Ecl Display series, black/white housing	▪ PLCDX53D5	120 Ohm DMX cable, 2 twisted poles, external sheath with reduced diameter, 1 m
▪ ECLDISPPRHDL50B/W	50° High definition profile lenses for Ecl Display series, black/white housing	▪ PLCPD7501P14D	Power & DMX 120 Ohm, 1 meter length
▪ ECLDISPWASHL1530B/W	Zoomable Wash Lens 15-30° for EclDisplay, black/ white housing	▪ PLCPD7501P68D	Power & DMX 120 Ohm
▪ ECLDISPWASHL2550B/W	Zoomable Wash Lens 25-50° for EclDisplay, black/ white housing	▪ PLCYA7501P14D	YY splitter cable Power 3x0.75 mm2 + 5p IN/OUT DMX 120 Ohm, bare end, 1 meter
▪ ECLDISPPRZL1020B/W	Zoomable Profile Lens 10-20°, with 4 framing shutters, for EclDisplay, black/white housing	▪ C6002B	Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black
▪ ECLDISPPRZL2040B/W	Zoomable Profile Lens 20-40°, with 4 framing shutters, for EclDisplay, black/white housing	▪ RSR0630B	Steel security cable for hanging bodies, inox steel shackle, L=60 cm,
▪ ECLDISPCEILKIT	Ceiling adapter kit for EclDisplay (without flange)	▪ UPBOXPRO	Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector
		▪ DATAMASTER	RDM/DMX tool,cable tester, 5p XLR connectors,pouch, charging cable, XLR adapters

PRESET FULL ON (2040)

Beam angle 50%: 17,8°



TECHICAL DRAWINGS

CERTIFICATIONS / APPROVALS

Visit our website
for specifications and
tech documentations

