EclDisplay UNFC

40W RGB+WW LED gallery light, Tunable White and Full Colour with universal control (DMX, Dali T8, knob-dimming, phase-cut dimming)



EclDisplay UNFC
+
ECLDISPPRZL2040 (optional)



EclDisplay UNFC
+
ECLDISPWASH1530 (optional)

- 40W RGB + Warm White LED
- Linear CCT channel 2.800 K ~ 10.000 K
- Cross fade from white to any colour
- (Wash lens - optional) 15° ~ 30° / 25° ~ 50° manual
- (Profile lens - optional) 20° ~ 40° manual
- Virtual colour wheel with macros
- Shutter blades lockable (profile lens only)
- 360° rotation of lens and framing system
- 360° rotating barndoors and gel frame holder
- Local Knob, DMX, DALI Type8, RDM, cut phase dimming
- Built-in programs with execution speed adjustment
- IP 20 for indoor use
- RAL 9004 (black standard) - RAL 9010 (white standard)
- RAL custom (colour on demand)
- European Conformity certification
- Check the website for detailed specifications and tech

EclDisplay is a range of revolutionary and flexible LED spotlights designed for galleries, retail and any public venue where an advanced but classical looking fixture is needed, with several control options, sources and optic versions available to precisely meet any application.
The **EclDisplay** UNFC can be set and addressed through RDM, and includes a broad set of on-board input control options: DMX, DALI Type 8, phase-cut dimming or local knob dimming control The **EclDisplay** UNFC includes a high-efficiency 40W RGB + Warm White LED capable of delivering both a Full Colour spectrum and also tuneable White, and it is completed with a wide selection of optional zoomable profile or wash lenses, and other optical accessories like louvres and snoots, making it a truly a multi-purpose fixture.

MAIN FEATURES

- Universal control through RDM, DMX, DALI Type 8, phase-cut dimming and local knob dimming
- 40W RGB + Warm White LED capable to deliver both a Full Colour generation and also Tunable White
- Multiple lens options: zoomable profile or wash optics

VERSIONS

Code	Housing
ECLDISPLAYUNFCB	Black
ECLDISPLAYUNFCW	White

Specifications, drawings and product images are subject to change without notice

Mounting options



PRODUCT SPECIFICATIONS

LIGHT SOURCE

- Source: 40W 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) 343lm @full
- Lux: (profile - 20°) 194 lx - (profile - 40°) 42lx; (wash 2550 - min) 49 lx - (wash 2550 - max) 20 lx; (wash 1530 - min) 119 lx - (wash 1530 - max) 58lx @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) 20° ~ 40°
- 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

CONTROL

- Protocols: Local Knob, DMX, DALI Type8, RDM, cut phase dimming
- DMX channels: 5 / 6 / 15channel
- RDM: RDM for remote monitoring and settings
- Firmware upgrade: yes, via USB - DMX interface (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

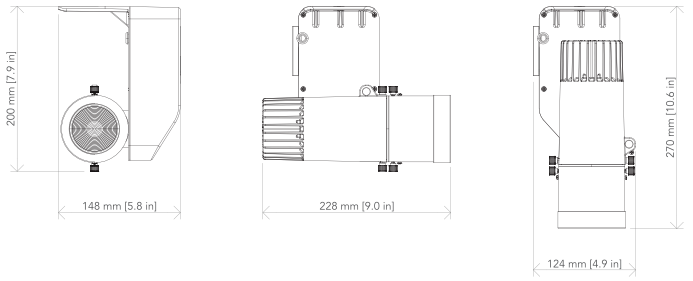
ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption: 48W
- Power factor: > 0,95

PHYSICAL

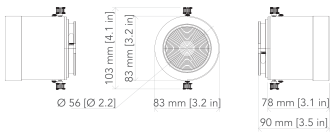
- Operating Temperature: -10° ~ +45°
- IP rating: 20
- Cooling: passive cooling and fan-free
- Suspension and fixing: track / hanging / ceiling installation
- Data connection: screw terminal blocks
- Power connection: screw terminal blocks
- Dimensions (WxHxD): 148X200x150mm
- Weight: 1,63kg

TECHNICAL DRAWINGS

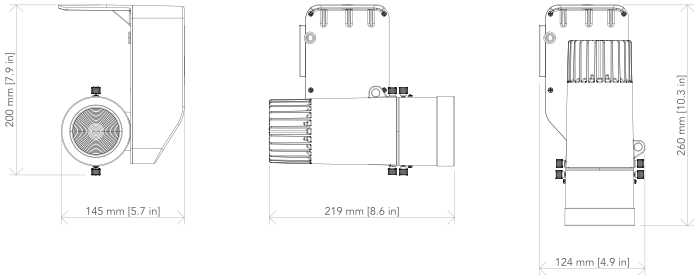


Weight: 2.1 kg - 4.63 lbs

ECLDISPLAYUNFC with ECLDISPWASHL1530

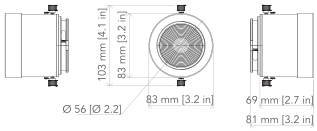


ECLDISPWASHL1530

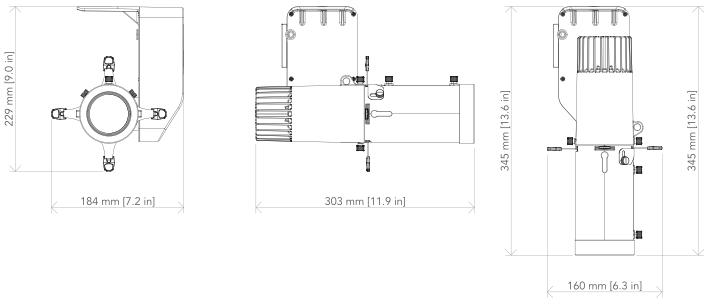


Weight: 2.08 kg - 4.60 lbs

ECLDISPLAYUNFC with ECLDISPWASHL2550

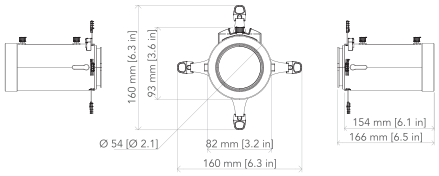


ECLDISPWASHL2550



Weight: 2.27 kg - 5 lbs

ECLDISPLAYUNFC with ECLDISPPRZL2040



ECLDISPPRZL2040

ACCESSORIES

IMAGE	CODE	DESCRIPTION
	ECLDISPWASHL1530B	Zoomable Wash Lens 15-30° for EclDisplay, black housing
	ECLDISPWASHL1530W	Zoomable Wash Lens 15-30° for EclDisplay, white housing
	ECLDISPWASHL2550B	Zoomable Wash Lens 25-50° for EclDisplay, black housing
	ECLDISPWASHL2550W	Zoomable Wash Lens 25-50° for EclDisplay, white housing
	ECLDISPPRZL2040B	Zoomable Profile Lens 20-40°, with 4 framing shutters, for EclDisplay, black housing
	ECLDISPPRZL2040W	Zoomable Profile Lens 20-40°, with 4 framing shutters, for EclDisplay, white housing
	ECLDISPHSNOOTB	Half Snoot for EclDisplay, black housing

IMAGE	CODE	DESCRIPTION
	ECLDISPLOUVREB	Anti-glare louvre for EclDisplay, black housing
	ECLDISPLOUVREW	Anti-glare louvre for EclDisplay, white housing
	ECLDISPBDNFFB	Barndoor and filter frame (compatible with Wash Lenses) for EclDisplay, black
	ECLDISPBDNFFW	Barndoor and filter frame (compatible with Wash Lenses) for EclDisplay, white
	ECLDISPGOBOHINDB	Gobo holder for EclDisplay with manual index gear on board, black
	ECLDISPGOBOHINDW	Gobo holder for EclDisplay with manual index gear on board, white
	ECLDISPCEILKIT	Ceiling adapter kit for EclDisplay (without flange)

ACCESSORIES

IMAGE	CODE	DESCRIPTION
	ECLDISPFSNOOTB	Full Snoot for EclDisplay, black housing
	ECLDISPHSNOOTW	Half Snoot for EclDisplay, white housing
	ECLDISPFSNOOTW	Full Snoot for EclDisplay, white housing

IMAGE	CODE	DESCRIPTION
	ECLDISPCEILFLGB	Black flange to complete the EclDisplay ceiling adapter kit, black
	ECLDISPCEILFLGW	White flange to complete the EclDisplay ceiling adapter kit, white
	UPBOX1	Firmware uploader kit, USB IN, 3pin XLR DMX OUT, USB OUT

- 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,
- NAXTSC61002 — Global Pulse XTSC Lighting Track, 3 circuit DALI, 1000mm, black
- NAXTSC61003 — Global Pulse XTSC Lighting Track, 3 circuit DALI, 1000mm, white
- NAXTSC62002 — Global Pulse XTSC Lighting Track, 3 circuit DALI, 2000mm, black
- NAXTSC62003 — Global Pulse XTSC Lighting Track, 3 circuit DALI, 2000mm, white
- NAXTSC63002 — Global Pulse XTSC Lighting Track, 3 circuit DALI, 3000mm, black
- NAXTSC63003 — Global Pulse XTSC Lighting Track, 3 circuit DALI, 3000mm, white
- NAXTSC64002 — Global Pulse XTSC Lighting Track, 3 circuit DALI, 4000mm, black
- NAXTSC64003 — Global Pulse XTSC Lighting Track, 3 circuit DALI, 4000mm, white
- NAXTSC6112 — Global Pulse XTS Connector 3-CCT DALI end feed, earth right, black
- NAXTSC6113 — Global Pulse XTS Connector 3-CCT DALI end feed, earth right, white
- NAXTSC6122 — Global Pulse XTS Connector 3-CCT DALI end feed, earth left, black
- NAXTSC6123 — Global Pulse XTS Connector 3-CCT DALI end feed, earth left, white
- NAXTSC6142 — Global Pulse XTS Connector 3-CCT DALI middle feed, black
- NAXTSC6143 — Global Pulse XTS Connector 3-CCT DALI middle feed, white
- NAXTSC6212 — Global Pulse XTS Connector 3-CCT DALI straight connector, black
- NAXTSC6213 — Global Pulse XTS Connector 3-CCT DALI straight connector, white
- NAXTSC6232 — Global Pulse XTS Connector 3-CCT DALI flexible corner connector, black
- NAXTSC6233 — Global Pulse XTS Connector 3-CCT DALI flexible corner connector, white
- NAXTSNC6342 — Global Pulse XTSN Connector 3-CCT DALI L connector, earth right, black
- NAXTSNC6343 — Global Pulse XTSN Connector 3-CCT DALI L connector, earth right, white
- NAXTSNC6352 — Global Pulse XTSN Connector 3-CCT DALI L connector, earth left, black
- NAXTSNC6353 — Global Pulse XTSN Connector 3-CCT DALI L connector, earth left, white
- NAXTSNC6362 — Global Pulse XTSN Connector 3-CCT DALI T connector, earth right/ right, black
- NAXTSNC6363 — Global Pulse XTSN Connector 3-CCT DALI T connector, earth right/ right, white
- NAXTSNC6372 — Global Pulse XTSN Connector 3-CCT DALI T connector, earth left/ left, black
- NAXTSNC6373 — Global Pulse XTSN Connector 3-CCT DALI T connector, earth left/ left, white
- NAXTSNC6382 — Global Pulse XTSN Connector 3-CCT DALI X connector, black
- NAXTSNC6383 — Global Pulse XTSN Connector 3-CCT DALI X connector, white
- NAXTSNC6392 — Global Pulse XTSN Connector 3-CCT DALI T connector, earth right/ left, black
- NAXTSNC6393 — Global Pulse XTSN Connector 3-CCT DALI T connector, earth right/ left, white
- NAXTSNC6402 — Global Pulse XTSN Connector 3-CCT DALI T connector, earth left/ right, black
- NAXTSNC6403 — Global Pulse XTSN Connector 3-CCT DALI T connector, earth left/ right, white
- NAXTS412 — Global Pulse XTS Connector 3-CCT DALI END cap, black
- NAXTS413 — Global Pulse XTS Connector 3-CCT DALI END cap, white
- NAXTSA682 — Global Pulse 3-Circuit MULTI Adapter, 10A 100N Slot connection, black
- NAXTSA683 — Global Pulse 3-Circuit MULTI Adapter, 10A 100N Slot connection, white
- NAGAC6002 — Global Pulse DMX/DALI 3-Circuit Adapters, 10A 100N Slot connection, black
- NAGAC6003 — Global Pulse DMX/DALI 3-Circuit Adapters, 10A 100N Slot connection, wihte
- NASPW12SK215M — Global Pulse Track clip wire suspension set 1.5m, 150N, black
- NASPW12SK25M — Global Pulse Track clip wire suspension set 5m, 150N, black
- NASPW12SK315M — Global Pulse Track clip wire suspension set 1.5m, 150N, white
- NASPW12SK35M — Global Pulse Track clip wire suspension set 5m, 150N, white
- NAXTSA57129 — Global Pulse Rotating Nipples 3-Circuit Adapters, M10, H 12mm, D 7,4mm
- NAXTSA55129 — Global Pulse Rotating Nipples 3-Circuit Adapters, M13, H 12mm, D 9mm
- NAGAM109 — Global Pulse Nut M10 for NAXTSA57129
- NAGAM139 — Global Pulse Nut M13 for NAXTSA55129
- NASKB122 — Global Pulse Track Mounting Clamp for Rod and Wire, 200N, black
- NASKB123 — Global Pulse Track Mounting Clamp for Rod and Wire, 200N, white
- PLCPW93075 — Power PVC cable H05VV-F 3G0,75
- PLCDX53D5 — 120 Ohm DMX cable, 2 twisted poles, external sheath with reduced diameter
- PLCPD7501P14D — Power & DMX 120 Ohm
- PLCYA7501P14D — YY splitter cable Power 3x1 mm2 + DMX 120 Ohm, 1 meter lenght
- UPBOX1U — Firmware uploader kit, USB IN, 3pin XLR DMX OUT, USB OUT

ORDERING INFORMATION

MODEL	COLOUR TEMP	HOUSING	LENS TYPE	OPTICAL ACCESSORIES	TRACK ADAPTER & DRIVER	CEILING INSTALLATION
ECLDISPLAYUN	FC (RGB + WW)	BK (black housing) WH (white housing)	ECLDISPWASHL1530 (15°-30° wash lens) ECLDISPWASHL2550 (25°-50° wash lens) ECLDISPPRZL2040 (20°-40° profile lens)	ECLDISPHSNOOT (half snoot) ECLDISPFSNOOT (full snoot) ECLDISPLOUVRE (anti-glare louvre) ECLDISPBDNFF (barndoor + filter frame) ECLDISPGOBOHIND (gobo holder)	NAXTSA68 (Nordic Aluminium track adapter) NAGAC600 (Nordic Aluminium track adapter with DALI) NAXTSA5 (Nordic Aluminium rotating nipple) NAGAM1 (Nordic Aluminium nut)	ECLDISPCEILKIT (ceiling installation kit) ECLDISPCEILFLG (ceiling installation flange)

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