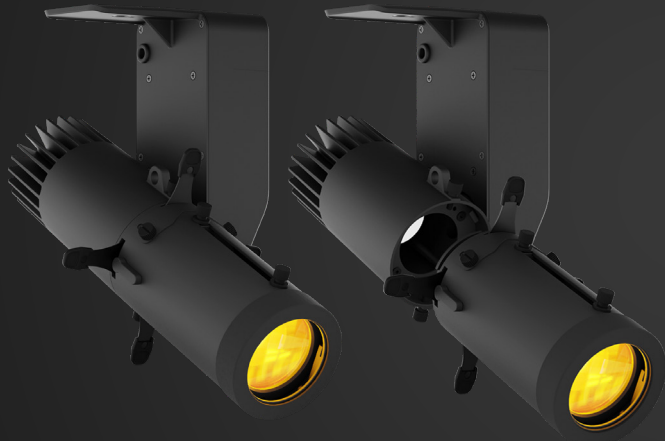


EclDisplay DATFC

40W RGB+WVW LED gallery light, Tunable White and Full Colour with data control (DMX, Dali T8, knob-dimming)



EclDisplay DATFC
+
ECLDISPPRZL2040 (optional)



EclDisplay DATFC
+
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



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** DATFC can be set and addressed through RDM, featuring a broad set of on-board input control options: DMX, DALI Type 8, local knob dimming control. The **EclDisplay** DATFC 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 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
ECLDISPLAYDATFCB	Black
ECLDISPLAYDATFCW	White

Track installation
with Nordic Aluminium accessories

Hanging installation
with Protruss accessories

Ceiling installation
with Ceiling kit accessories

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) 343 lm @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) 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: 16bit 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
- DMX channels: 5 / 6 / 15 channel
- 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

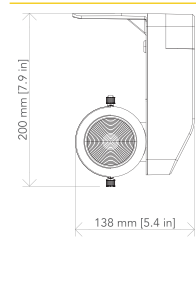
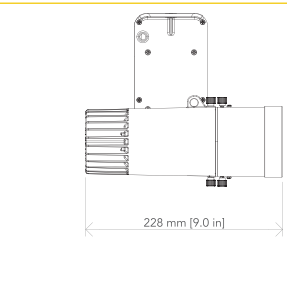
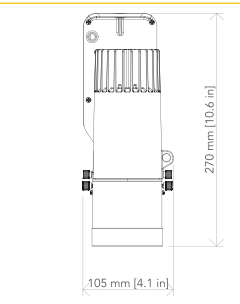
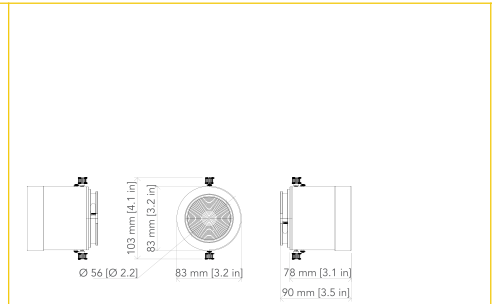
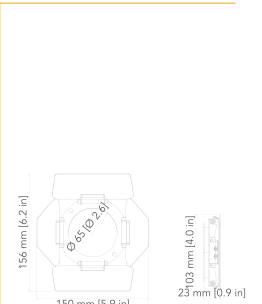
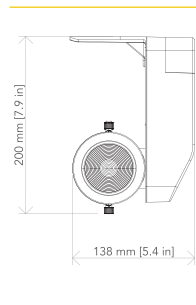
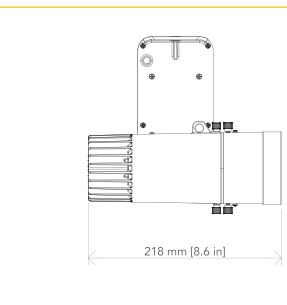
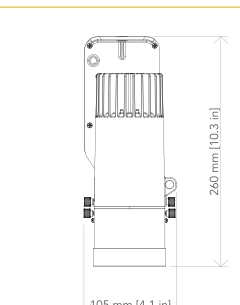
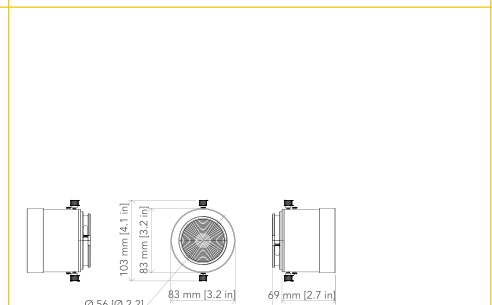
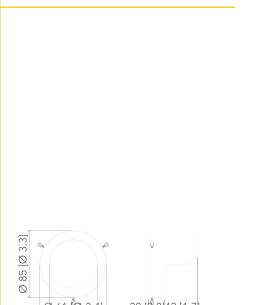
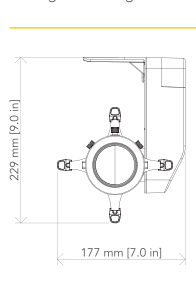
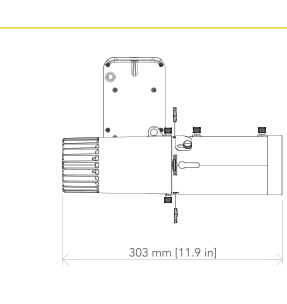
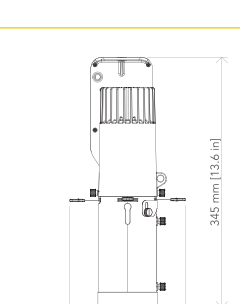
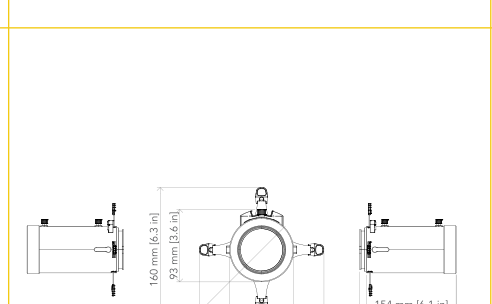
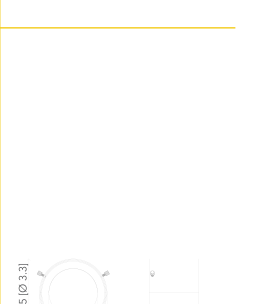
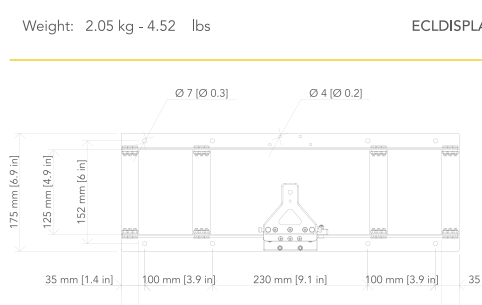
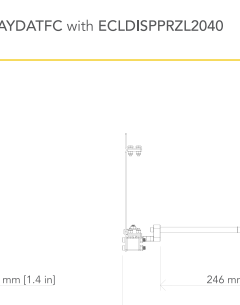
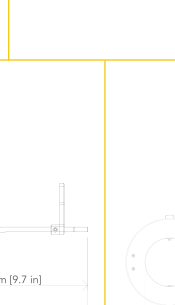


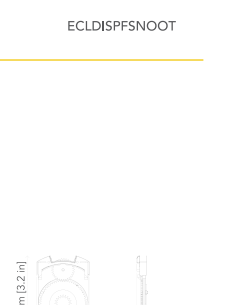
ELECTRICAL

- 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): 141X200x150 mm
- Weight: 1,4 kg

TECHNICAL DRAWINGS

							
<p>Weight: 1.88 kg - 4.14 lbs</p>		<p>ECLDISPLAYDATFC with ECLDISPWASHL1530</p>		<p>ECLDISPWASHL1530</p>		<p>ECLDISPBDNFF</p>	
							
<p>Weight: 1.86 kg - 4.12 lbs</p>		<p>ECLDISPLAYDATFC with ECLDISPWASHL2550</p>		<p>ECLDISPWASHL2550</p>		<p>ECLDISPHSNOOT</p>	
							
<p>Weight: 2.05 kg - 4.52 lbs</p>		<p>ECLDISPLAYDATFC with ECLDISPPRZL2040</p>		<p>ECLDISPPRZL2040</p>		<p>ECLDISPFSNOOT</p>	
							
<p>ECLDISPCEILKIT</p>			<p>ECLDISPCEILKIT</p>	<p>ECLDISPCEILFLG</p>	<p>ECLDISPLOUVRE</p>	<p>ECLDISPLOUVRE</p>	<p>ECLDISPGOBOHIND</p>

ACCESSORIES

IMAGE	CODE	DESCRIPTION	IMAGE	CODE	DESCRIPTION
	ECLDISPWASHL1530B	Zoomable Wash Lens 15-30° for EclDisplay, black housing		ECLDISPLOUVREB	Anti-glare louvre for EclDisplay, black housing
	ECLDISPWASHL1530W	Zoomable Wash Lens 15-30° for EclDisplay, white housing		ECLDISPLOUVREW	Anti-glare louvre for EclDisplay, white housing
	ECLDISPWASHL2550B	Zoomable Wash Lens 25-50° for EclDisplay, black housing		ECLDISPBDNFFB	Barndoor and filter frame (compatible with Wash Lenses) for EclDisplay, black
	ECLDISPWASHL2550W	Zoomable Wash Lens 25-50° for EclDisplay, white housing		ECLDISPBDNFFW	Barndoor and filter frame (compatible with Wash Lenses) for EclDisplay, white
	ECLDISPPRZL2040B	Zoomable Profile Lens 20-40°, with 4 framing shutters, for EclDisplay, black housing		ECLDISPGOBOHINDB	Gobo holder for EclDisplay with manual index gear on board, black
	ECLDISPPRZL2040W	Zoomable Profile Lens 20-40°, with 4 framing shutters, for EclDisplay, white housing		ECLDISPGOBOHINDW	Gobo holder for EclDisplay with manual index gear on board, white
	ECLDISPHSNOOTB	Half Snoot for EclDisplay, black housing		ECLDISPCEILKIT	Ceiling adapter kit for EclDisplay (without flange)
	ECLDISPFSNOOTB	Full Snoot for EclDisplay, black housing		ECLDISPCEILFLGB	Black flange to complete the EclDisplay ceiling adapter kit, black
	ECLDISPHSNOOTW	Half Snoot for EclDisplay, white housing		ECLDISPCEILFLGW	White flange to complete the EclDisplay ceiling adapter kit, white
	ECLDISPFSNOOTW	Full Snoot for EclDisplay, white housing		UPBOX1	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
ECLDISPLAYDAT	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)