

# EclDisplay DATWhite

25W White LED Gallery light, with data control (DMX, Dali T6, knob-dimming)



**EclDisplay DAT**  
+  
ECLDISPPRZL2040 (optional)



**EclDisplay DAT**  
+  
ECLDISPWASH1530 (optional)



25W White COB LED



CCT available: 2.700 K, 3.000 K, 4.000 K, 5.600 K



High lumen flux and flat field



High CRI > 90



(Wash lens - optional) 15° ~ 30° / 25° ~ 50° manual



(Profile lens - optional) 20° ~ 40° manual



Shutter blades lockable (profile lens only)



360° rotation of lens and framing system



360° rotating barndoors and gel frame holder



Lockable tilt with screw



Local Knob, DMX, DALI Type6, 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, commercials and any public venue where an advanced but classy fixture, with several control options, sources and optic versions available to precisely meet any application.

The **EclDisplay DAT** can be set and addressed through RDM, and includes a broad set of on-board input control options: DMX, DALI Type 6, phase-cut dimming or local knob dimming control. The **EclDisplay DAT** includes a high-efficiency 25 W White, high CRI LED source, available in 2.700 K, 3.000 K, 4.000 K, 5.600 K variants, 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 truly a multi-purpose fixture.

## MAIN FEATURES

- Data control through RDM, DMX, DALI Type 6 and local knob dimming
- 25W high CRI White LED available in 2.700 K, 3.000 K, 4.000 K, 5.600 K versions, both black and white housing
- Multiple lens options: zoomable profile or wash optics

## VERSIONS

Code	Housing	CT
ECLDISPLAYDAT27KB	Black	2.700 K
ECLDISPLAYDAT27KW	White	2.700 K
ECLDISPLAYDAT30KB	Black	3.000 K
ECLDISPLAYDAT30KW	White	3.000 K
ECLDISPLAYDAT40KB	Black	4.000 K
ECLDISPLAYDAT40KW	White	4.000 K
ECLDISPLAYDAT56KB	Black	5.600 K
ECLDISPLAYDAT56KW	White	5.600 K

Track installation  
with Nordic Aluminium accessories

Hanging installation  
with Protruss accessories

Ceiling installation  
with Ceiling kit accessories

## PRODUCT SPECIFICATIONS

### LIGHT SOURCE

- Source: 25W White COB LED
- Luminous flux: (2.800 K - 17°) 1'498 lm - (2.800 K - 36°) 1'586 lm - (3.000 K - 17°) 1'556 lm - (3.000 K - 36°) 1'676 lm @full
- Luminous flux: (4.000 K - 17°) 1'576 lm - (4.000 K - 36°) 1'810 lm - (5.600 K - 17°) 1'631 lm - (5.600 K - 36°) 1'869 lm @ full
- Lux: (2.800 K - 17°) 825 lx - (2.800 K - 36°) 221 lx - (3.000 K - 17°) 1'556 lx - (3.000 K - 17°) 887 lx - (3.000 K - 36°) 241 lx @5 m full
- Lux: (4.000 K - 17°) 923 lx - (4.000 K - 36°) 245 lx - (5.600 K - 17°) 964 lx - (5.600 K - 36°) 256 lx @3 m full
- CRI: 90.5 @2.800 K; 90 @3.000 K; 92.9 @4.000 K; 90.5 @5.600 K
- TLCI: 87 @2.800 K; 88 @3.000 K; 94 @4.000 K; 93 @5.600 K
- TM30 Rf: > 89 @2.800 K and 3.000 K; > 91 @4.000 K; > 88 @5.600 K
- TM30 Rg: < 101 @2.800 K and 3.000 K; > 99 @4.000 K; < 101 @5.600 K
- 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 - 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: 16bit 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, DALI Type6, RDM
- DMX channels: 1 / 2 / 3 / 4 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

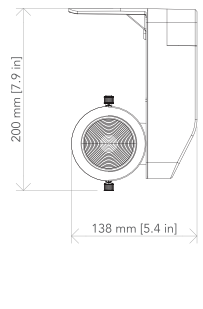
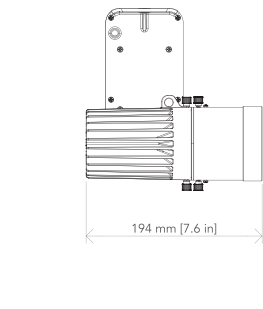
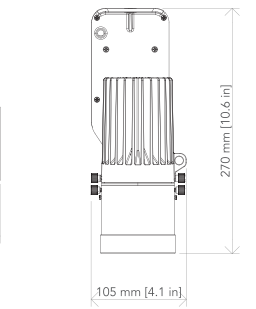
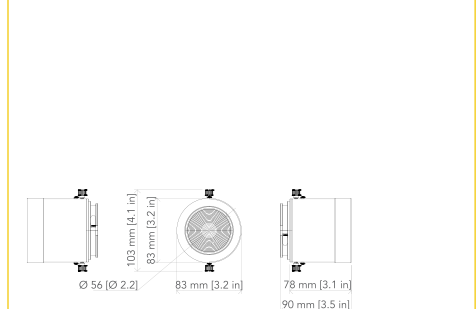
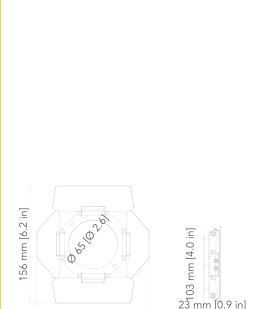
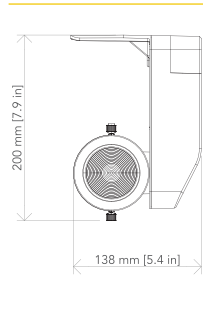
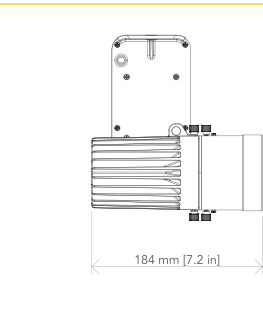
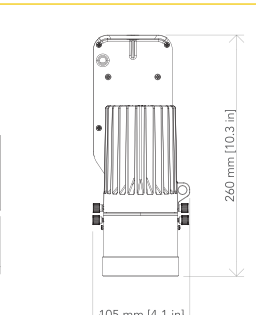
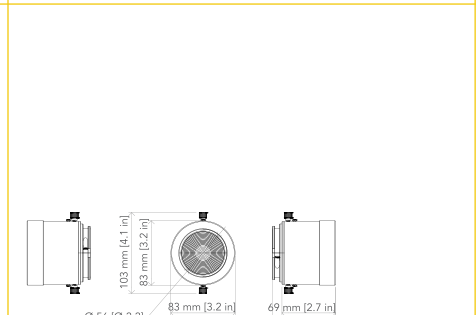
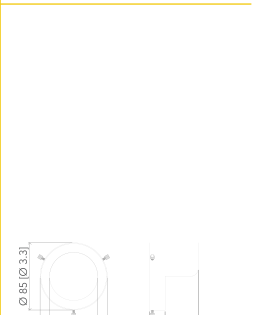
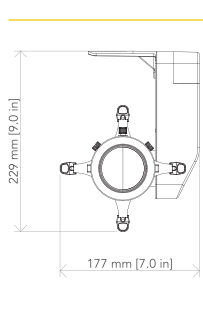
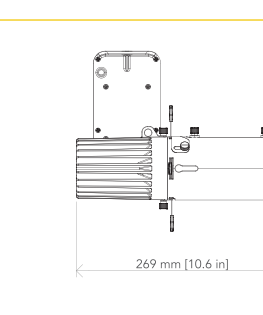
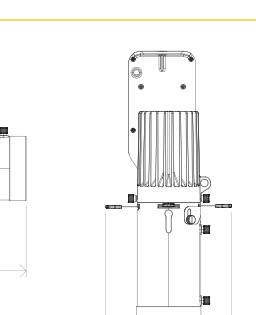
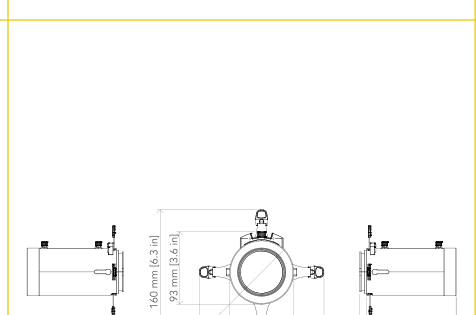
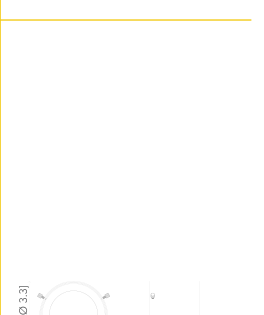
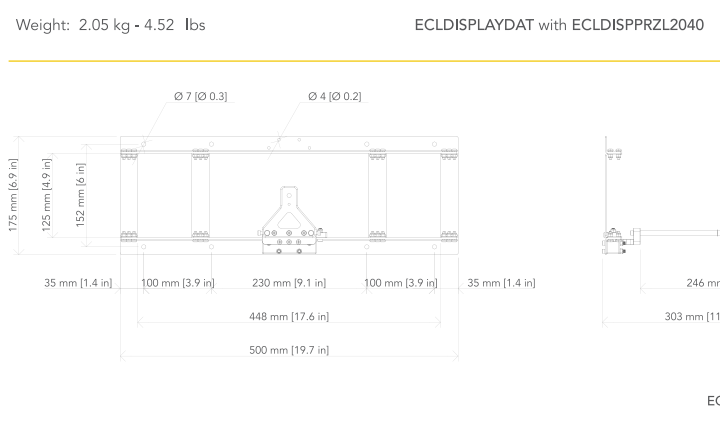
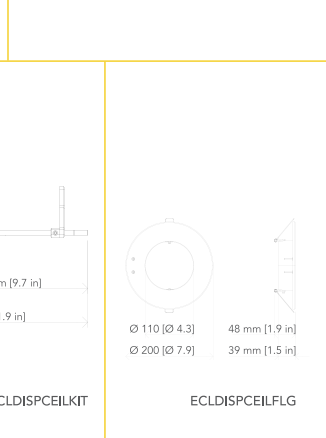

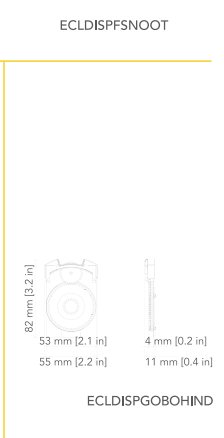
### ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption: 33W
- 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): 141X200x115.5 mm
- Weight: 1,4 kg

## TECHNICAL DRAWINGS

					
<p>Weight: 1.88 kg - 4.14 lbs</p>	<p>ECLDISPLAYDAT with ECLDISPWASHL1530</p>		<p>ECLDISPWASHL1530</p>	<p>ECLDISPBDNFF</p>	
					
<p>Weight: 1.86 kg - 4.12 lbs</p>	<p>ECLDISPLAYDAT with ECLDISPWASHL2550</p>		<p>ECLDISPWASHL2550</p>	<p>ECLDISPHSNOOT</p>	
					
<p>Weight: 2.05 kg - 4.52 lbs</p>	<p>ECLDISPLAYDAT with ECLDISPPRZL2040</p>		<p>ECLDISPPRZL2040</p>	<p>ECLDISPFSNOOT</p>	
					
<p>ECLDISPCEILKIT</p>			<p>ECLDISPCEILFLG</p>	<p>ECLDISPLOUVRE</p>	<p>ECLDISPBOHIND</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	27K (2.700 K) 30K (3.000 K) 40K (4.000 K) 56K (5.600 K)	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)