

# EclMini DAT

18W White LED Gallery light, with data control (DMX, DALI T6, knob-dimming)



The **EclMini** is a range of ultra-compact, low-profile LED spotlights, designed for galleries, retail or any hospitality venue. There are several control options, sources, and optics available to fit any application. The **EclMini** DAT is configurable and addressed through RDM and includes a broad set of on-board control options: DMX, DALI Type 6 or local knob dimming control. The **EclMini** DAT includes a high-efficiency 18W white, high CRI LED source, available in 2,700K, 3,000K, 4,000K, 5,600K variants, with a wide choice of optics and accessories available, making it truly a multi-purpose fixture.

## MAIN FEATURES

- Data control through RDM, DMX, DALI Type 6 and local knob dimming
- 18W High-CRI White LED available in 2,700K, 3,000K, 4,000K, 5,600K versions, black and white housing
- Multiple lens options: 19° / 26° / 36° / 50° profile or zoomable 15-30° or 25-50° wash optics

## VERSIONS

Code	CT	Housing
ECLMINIDAT27KB/W	2,700K	Black/White
ECLMINIDAT30KB/W	3,000K	Black/White
ECLMINIDAT40KB/W	4,000K	Black/White
ECLMINIDAT56KB/W	5,600K	Black/White

## TECHNICAL SPECIFICATION

### LIGHT SOURCE

- Source: 18W White COB LED
- Luminous flux: TBDlm
- Luminous flux: TBD
- Lux: TBDlx
- Lux: TBDlx
- CRI: TBD
- R9: TBD
- TLCi: TBD
- TM30 Rf: TBD
- TM30 Rg: TBD
- 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: 73 mm - image: 23 mm - thickness: max 3 mm

### DYNAMIC EFFECTS

- Control Resolution: 16-bit 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

## ACCESSORIES & RELATED PRODUCTS

- 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, black
- ECLMINIWASHL1530B/W Zoomable Wash Lens 15-30° for EclMini, black/white
- ECLMINIWASHL2550B/W Zoomable Wash Lens 25-50° for EclMini, black/white
- MINIECLL19/26/36/50 Optics for MINIECL profiler, gobo holder included, 19°/26°/36°/50° beam

### CONTROL

- Protocols: Local Knob, DMX, DALI Type6, RDM
- DMX channels: 1 / 2 / 3 / 4channel
- 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): 126x170x95mm
- Weight: 1,2kg

### CERTIFICATIONS / APPROVALS

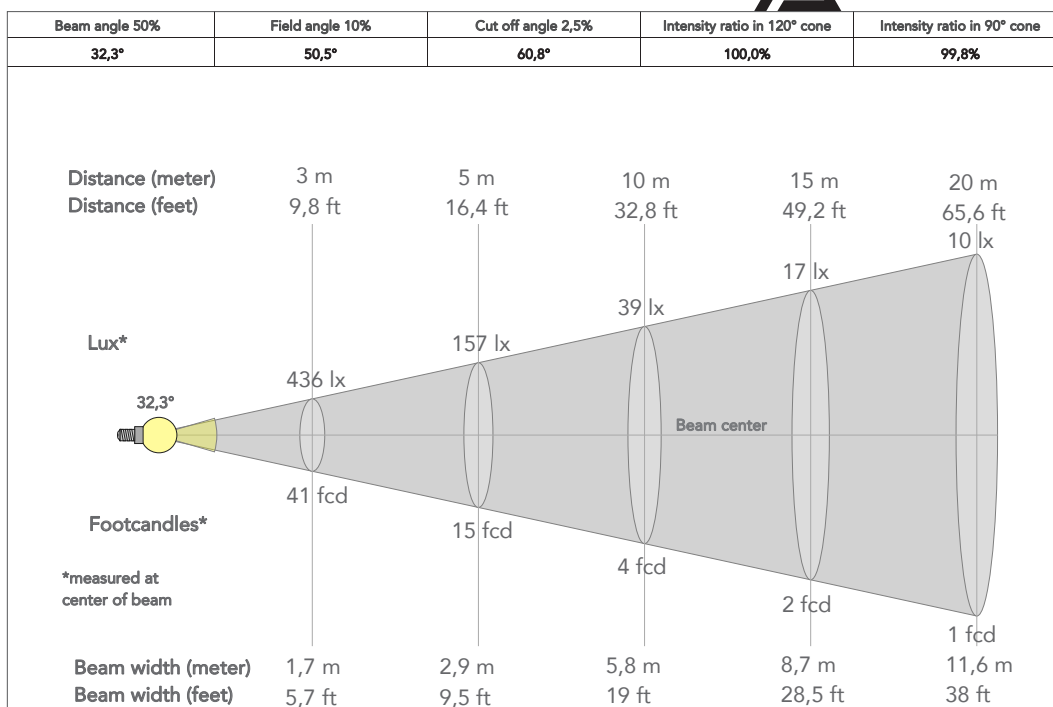
- Certifications / Approvals: CE, UKCA, RCM, cTUVus, FCC

- MINIECLTRL19/26/36/50 Optics for MINIECLTR profiler, gobo holder included, 19°/26°/36°/50° beam
- ECLMINIHSNOOTB/W Half Snoot for EclMini, black/white
- ECLMINIFSNOOTB/W Full Snoot for EclMini, black/white
- ECLMINILOUVREB/W Anti-glare louvre for EclMini, black/white
- ECLMINIBDNFFB/W Barndoor and filter frame (compatible with Wash Lenses) for EclMini, black/white

## PRESET FULL ON 4,000K

Beam angle 50%: 32°

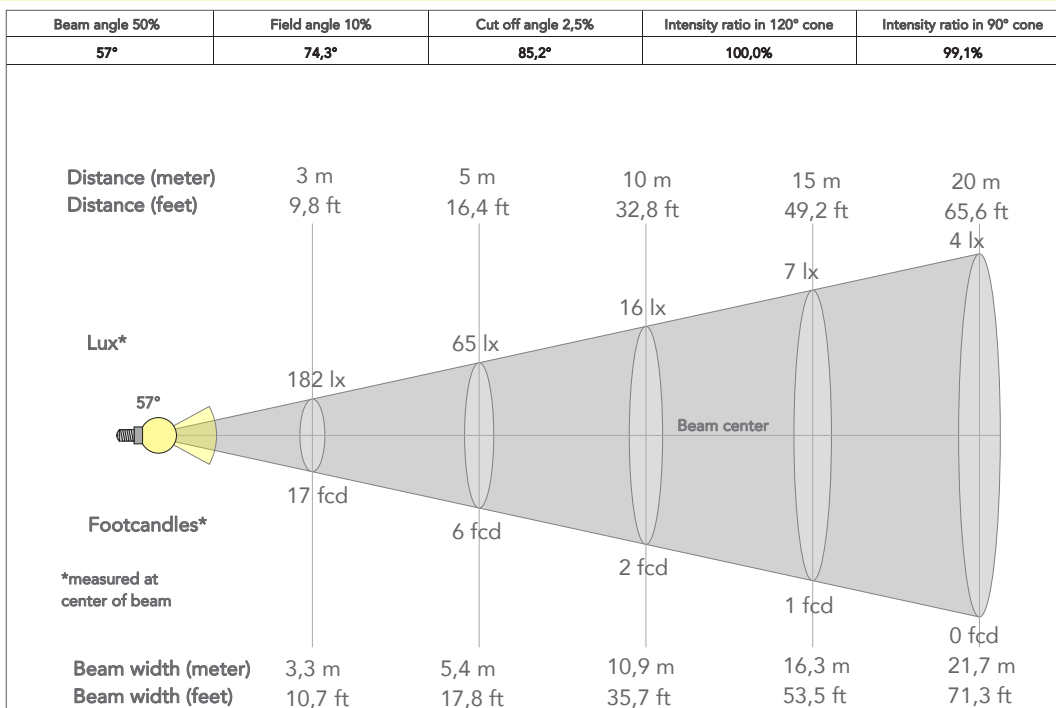
Wash lens 15° - 30°



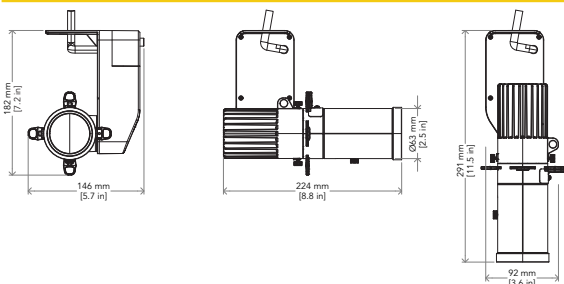
## PRESET FULL ON 4,000K

Beam angle 50%: 57°

Wash Lens 25° - 50°



## TECHNICAL DRAWINGS



## CERTIFICATIONS / APPROVALS



Conforms to UL STD. 1573  
Certified to CSA STD: C22.2 NO. 166

Visit our website  
for specifications and  
tech documentations

