

# EclDisplay CAS

25W single color gallery light, 2700K, 3000K, 4000K and 5600K versions with CASAMBI control on-board



**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 CAS** is the version of the **EclDisplay** range made to be connected to an external TRIDONIC PSU with CASAMBI control on-board, leaving to System Integrators to install this luminaire in venues with their own wiring distribution and control. **EclDisplay CAS** includes a high-efficiency 25W single color LED available in 2700K, 3000K, 4000K and 5600K versions both in black and white finishing, 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

- CASAMBI control on-board
- 25W single color LED available in 2700K, 3000K, 4000K and 5600K versions both in black and white finishing
- Multiple lens options: zoomable profile or wash optics

## VERSIONS

Code	CCT	Housing
ECLDISPLAYCAS27KB/W	2,700K	Black/White
ECLDISPLAYCAS30KB/W	3,000K	Black/White
ECLDISPLAYCAS40KB/W	4,000K	Black/White
ECLDISPLAYCAS56KB/W	5,600K	Black/White

## TECHNICAL SPECIFICATION

### LIGHT SOURCE

- Source: 25 W White LED
- CCT: see available versions
- Luminous flux: 2700K: (profile - 20°-40°) 1'586 lm @40° - (wash 25°-50°) 1'638 lm @50° - (wash 15°-30°) 1'527 lm @30° @full 3000K: (profile - 20°-40°) 1'676 lm @40° - (wash 25°-50°) 1'849 lm @50° - (wash 15°-30°) 1'730 lm @30° @full @full
- Luminous flux: 4000K: (profile - 20°-40°) 1'810 lm @40° - (wash 25°-50°) 1'845 lm @50° - (wash 15°-30°) 1'724 lm @30° @full 5600K: (profile - 20°-40°) 1'869 lm @40° - (wash 25°-50°) 1'884 lm @50° - (wash 15°-30°) 1'764 lm @30° @full
- Lux: 2700K: (profile - 20°-40°) 825 lx @20°; 221 lx @40° - (wash 25°-50°) 271 lx @25°; 96 lx @50° @5 m full 3000K: (profile - 20°-40°) 887 lx @20°; 241 lx @40° - (wash 25°-50°) 310 lx @25°; 108 lx @50° lx @5 m full
- Lux: 4000K: (profile - 20°-40°) 923 lx @20°; 245 lx @40° - (wash 25°-50°) 295 lx @25°; 107 lx @50° @5 m full 5600K: (profile - 20°-40°) 964 lx @20°; 256 lx @40° - (wash 25°-50°) 307 lx @25°; 108 lx @50° lx @5 m full
- CRI: 91 @2.700 K; 90 @3.000 K; 93 @4.000 K; 91 @5.600 K
- TLCI: 83 @2.700 K; 82 @3.000 K; 92 @4.000 K; 94 @5.600 K
- TM30 Rf: > 88 @2.700 K; > 87 @3.000 K; > 89 @4.000 K and 5.600 K
- TM30 Rg: < 104 @2.700 K and 3.000 K; > 100 @4.000 K and 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) 10° ~ 20° or 20° ~ 40° or fix 8°, 18°, 36°, 50°
- 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: see available versions

### DYNAMIC EFFECTS

- Static mode: selection of static dimmer

### BODY

- Hardware on-board: lockable tilt with screw
- Body: aluminium die-casting
- Body colour: RAL 9004 or RAL 9010
- Other: included 1 meter power cable - Cable diameter range: 6 - 10 mm

### CONTROL

- Protocols: CASAMBI control on-board
- ELECTRONICS
- Dimmer: linear 0 ~ 100% electronic dimmer

### ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption: 30 W
- Power factor: > 0,96
- Inrush current: 26.4A / 224 us

### PHYSICAL

- Operating Temperature: -10° ~ +45°
- IP rating: 20
- Cooling: passive cooling and fan-free
- Suspension and fixing: track / hanging / ceiling installation
- Data connection: bluetooth
- Power connection: bare-end cable
- Dimensions (WxHxD): 141x200x115.5 mm
- Weight: 1,4 kg

### CERTIFICATIONS / APPROVALS

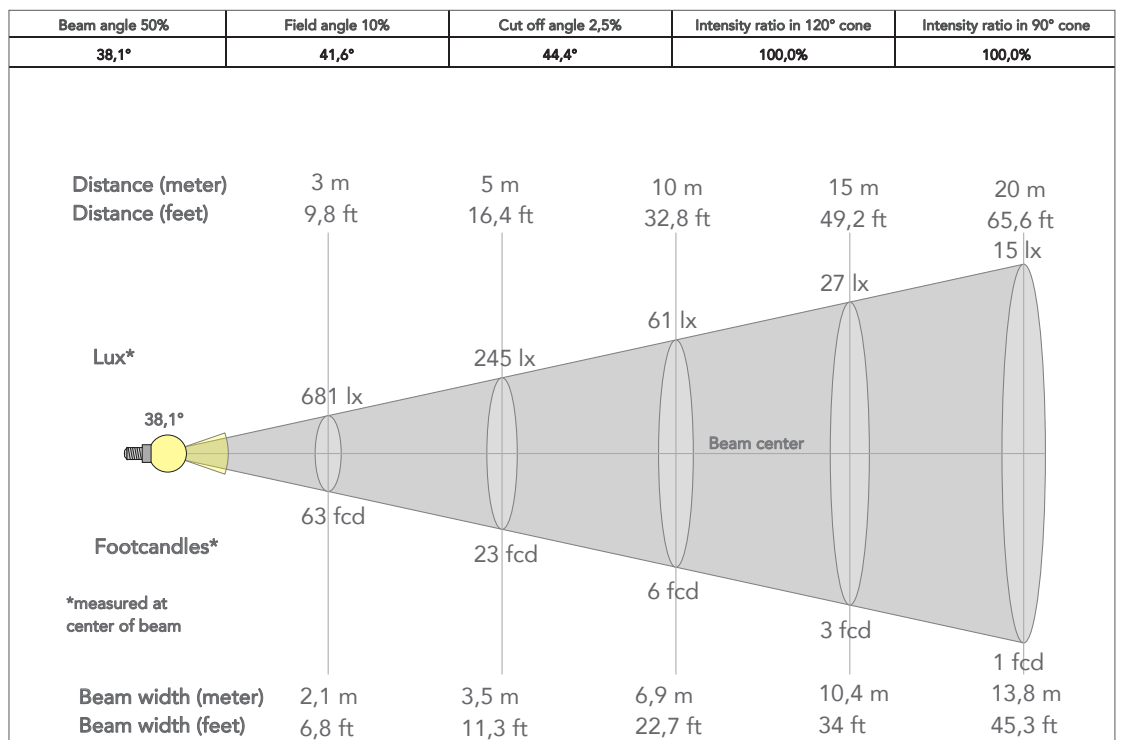
- Certifications / Approvals: CE, RCM

## ACCESSORIES & RELATED PRODUCTS

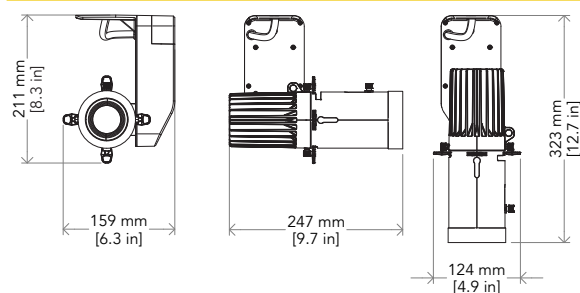
- ECLDISPPRL08B/W Fix Profile 8° Lens, with 4 framing shutters, for EclDisplay, black/white housing
- EDISPDRVCCAS1C Additional optional driver for A ECLDISPLAYCC, casambi version 1 color
- ECLDISPPRHDL18B/W 18° High definition profile lenses for Ecl Display series, black/white housing
- ECLDISPPRHDL36B/W 36° High definition profile lenses for Ecl Display series, black/white housing
- ECLDISPPRHDL50B/W 50° High definition profile lenses for Ecl Display series, black/white housing
- ECLDISPWASHL1530B/W Zoomable Wash Lens 15-30° for EclDisplay, black/white housing
- ECLDISPWASHL2550B/W Zoomable Wash Lens 25-50° for EclDisplay, black/white housing
- ECLDISPPRZL1020B/W Zoomable Profile Lens 10-20°, with 4 framing shutters, for EclDisplay, black/white housing
- ECLDISPPRZL2040B/W Zoomable Profile Lens 20-40°, with 4 framing shutters, for EclDisplay, black/white housing
- ECLDISPPHDZL2040BW 20° - 40° Zoomable High definition profile lenses for Ecl Display series
- ECLDISPCEILKIT Ceiling adapter kit for EclDisplay (without flange)
- ECLDISPHSNOOTB/W Half Snoot for EclDisplay, black/white housing
- ECLDISPFSNOOTB/W Full Snoot for EclDisplay, black/white housing
- ECLDISPLOUVREB/W Anti-glare louvre for EclDisplay, black/white housing
- ECLDISPBDNFFB/W Barndoor and filter frame (compatible with Wash Lenses) for EclDisplay, black/white housing
- ECLDISPGOBOHINDB/W Gobo holder for EclDisplay with manual index gear on board, black/white housing
- ECLDISPCEILFLGB/W Black flange to complete the EclDisplay ceiling adapter kit, black/white housing
- PLCPD7501P68D Power & DMX 120 Ohm
- 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,

## PRESET FULL ON

Beam angle 50%: 40°



## TECHICAL DRAWINGS



## CERTIFICATIONS / APPROVALS



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

Visit our website  
for specifications and  
tech documentations

