

## CA SENSOR D OF LI

Light management systems



### Product family features

- Smart sensor for office applications
- Works with Casambi (Casambi Ready)
- Daylight and Occupancy Sensor Module; DALI Powered
- Enhanced signal strength through external antenna positioning
- Controllable via smart device (IOS / Android)
- Control of Dexal drivers or DALI drivers with additional DALI bus power supply
- Intended for installation into a standard 1/2" knockout
- Works with Inventronics Dexal LED drivers
- Mounting height: 2...5 m

### Product family benefits

- Can be integrated in a Casambi wireless network with up to 250 nodes
- Design freedom due to compact size
- Easy to integrate in luminaire
- Minimize internal wiring in combination with D4i drivers

## Areas of application

- Open offices
- Individual offices
- Conference rooms
- Classrooms
- Storage and break areas
- Stairways
- Toilets
- Installation in office luminaires

## Technical data

### Electrical data

<b>Nominal voltage</b>	13,5 ... 22,5 V
<b>Mains frequency</b>	0 Hz
<b>Radio frequency</b>	2.4 GHz
<b>Wireless protocol</b>	Casambi
<b>Standby power</b>	0.3 W
<b>Required DALI current (typical)</b>	30 mA
<b>Peak DALI current</b>	30 mA
<b>System wattage</b>	0.3 W

## Dimensions & weight

<b>Product weight</b>	18.20 g
<b>Wire preparation length, input side</b>	7...9 mm
<b>Cable cross-section, input side</b>	0.25...0.75 mm <sup>2</sup>
<b>Length</b>	43.7 mm
<b>Width</b>	28.0 mm
<b>Height</b>	43.5 mm
<b>Mounting hole diameter</b>	22.2...23.2 mm
<b>Screw thread length</b>	25 mm
<b>Diameter</b>	not relevant

## Colors & materials

<b>Product color</b>	White
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## Temperatures & operating conditions

<b>Maximum temperature at tc test point</b>	50 °C
<b>Temperature range at storage</b>	-20...50 °C

## Capabilities

<b>Operating range, light sensor</b>	5...1000 lx
<b>Detection area</b>	8 m <sup>2</sup>
<b>Maximum installation height</b>	5 m
<b>Type of sensor</b>	Daylight / PIR
<b>Type of installation</b>	Luminaire integration
<b>Control output</b>	DALI
<b>Control interface</b>	DALI

## Certificates & standards

Approval marks – approval	CE
Protection class	II
Type of protection	IP65

## Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Primary Article Identifier	6977078996990
Candidate List Substance 1	Lead
CAS No. of substance 1	7439-92-1
Date of Declaration	29-05-2026
Declaration No. in SCIP database	311db567-448a-4ef9-b64a-dca94a8709bb
Safe Use Instruction	The identification of the Candidate List substance is sufficient to allow safe use of the article.
SCIP_ID	

## Download Data

File		
CAD data 2-dim	Compressed	▶ CA SENSOR D OF LI 2PDF 4552460 051125
CAD data 3-dim	Compressed	▶ CA SENSOR D OF LI 3PDF 4552460 051125
CAD data	Compressed	▶ CA SENSOR D OF LI STEP 4552460 051125
CAD data	Compressed	▶ CA SENSOR D OF LI IGS 4552460 051125
User instruction	PDF	▶ Casambi Sensor D OF LI HB LI UI 15130566 260825

## Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
6977078996990 INVENTRONICS	CA SENSOR D OF LI	Shipping carton box 10 Pieces	250 x 190 x 95 mm	4.51 dm <sup>3</sup>	46.47 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit