

eldoLED

Casambi Wireless Control Modules by eldoLED
Developed for Europe

Small, Cost-effective, Seamless Integration into LED Luminaires

For your Casambi Ready LED luminaires, eldoLED offers an integrated solution for individual luminaires, luminaire groups and entire room control. Our Casambi wireless control modules, developed by eldoLED, are fully compatible with any eldoLED DALI LED driver with LEDcode2 interface* and enable seamless integration into the Casambi network.

A Perfect Fit for Every Design

Our modules come in different form factors, providing maximum flexibility to integrate them into your design. In addition, certain models include integrated motion and occupancy sensors to enhance energy efficiency and room comfort without the need for rewiring – ideal for renovation projects. Their form factor complies with Zhaga Book 20 for easy integration into your Casambi Ready luminaire. The range includes models for different mounting heights and IP ratings.



*See the reference table for more details.

Smallest in the Industry

The Casambi modules by eldoLED are the smallest in the industry – on average 50% smaller than a traditional Casambi unit – while maintaining superior signal strength, resulting in a best-in-class rating from Casambi. Our miniaturized design and integrated sensors enable hidden lighting in a refined luminaire design, with no additional mains voltage input needed.

Unique, Cost-Effective Solution for Group Control: LEDcode Cross

For group control or room-based control of lighting, our LEDcode Cross solution helps to reduce total integration cost within a space by reducing the number of wireless control modules needed. Communication between module and driver is achieved via eldoLED’s proprietary LEDcode protocol. Leveraging LEDcode Cross, one driver (the driver with the wireless control module) broadcasts DALI commands to the other DALI drivers in the group, resulting in a cost-effective solution that is commissioning-free.

- Fewer radios required – lowering costs
- Commissioning-free
- Wireless control made easy: use the Casambi app for fast, user-friendly commissioning and control.

Quality of Light

Bring Quality of Light to your Casambi projects:

- Seamless integration of eldoLED LED drivers and wireless control modules into the Casambi network.
- Casambi ecosystem: with over 300 industry partners, the Casambi ecosystem is a leading, open solution for smart, wireless lighting control with proven robustness.

Select the Right Model for Your Casambi project

For complete model specifications, see the family datasheet on www.eldoled.com/casambi

| | Modules with Integrated Sensor | | | | Standard Modules | | | |
|--|---|---|---|---|--|---|---|---|
| |  |  |  |  |  |  |  |  |
| Order Number | BT-Z2E-3X1 | BT-Z2E-6X1 | BT-Z6E-3X1 | BT-Z6E-6X1 | BT-L1E-1W1 | BT-L1E-1X1 | BT-L2E1 | BT-S1E1 |
| Nominal Input | LEDcode 5V 10mA | | | | LEDcode 5V 7mA | | | |
| Module Dimensions | 44x17x18mm | 44x17x18mm | 44x17x18mm | 44x17x18mm | 73x19x13mm | 73x19x13mm | 73x19x13mm | ø 20mm x 61mm |
| IP Rating | IP20 | IP20 | IP66 | IP66 | | | | |
| Max. Mounting Height | 3m | 6m | 3m | 6m | | | | |
| eldoLED LED Driver Compatibility | | | | | | | | |
| ECOdrive | | | | | | | | |
| Models with DALI-2 and LEDcode2 output | ● | ● | ● | ● | ● | ● | ● | ● |
| SOLOdrive | | | | | | | | |
| Models with DALI-2 and LEDcode2 output | ● | ● | ● | ● | ● | ● | ● | ● |
| DUALdrive | | | | | | | | |
| Models with DALI-2 DT6 and LEDcode2 | ● | ● | ● | ● | ● | ● | ● | ● |
| Models with DALI-2 DT8 (Tc) and LEDcode2 | ● | ● | ● | ● | ● | ● | | |
| LINEARdrive | | | | | | | | |
| LIN200D models with DALI-2 DT6 and LEDcode2 | ● | ● | ● | ● | ● | ● | ● | ● |
| LIN200D models with DALI-2 DT8 (Tc) and LEDcode2 | ● | ● | ● | ● | ● | ● | | |



For more information, visit www.eldoled.com/casambi