

## L-DALI Compatibility List

### Ballasts

The L-DALI Controllers support **all ballasts** which are fully compliant with the **DALI Standard IEC 62386 Edition 1.0 or 2.0** and of one of the following device types or a combination thereof:

- Fluorescent lamp: device type 0
- Self-contained emergency lighting: device type 1
- Discharge lamps: device type 2
- Low voltage halogen lamps: device type 3
- Incandescent lamps: device type 4
- Conversion from digital into D.C. voltage: device type 5
- LED module: device type 6
- Switching function: device type 7
- Colour control: device type 8

### LOYTEC recommends using DALI-2 certified ballasts or luminaires!

Following ballasts have been tested successfully with the L-DALI Controller and are listed here as examples\*:

| VENDOR            | PRODUCT*                 | TYPE                              |
|-------------------|--------------------------|-----------------------------------|
| LOYTEC            | LDALI-RM1                | Switching Function (Relay Module) |
| LOYTEC            | LDALI-RM2                | Converter (1-10V)                 |
| Alvit             | MAT3 (+C8044)            | Emergency Light (fluorescent)     |
| BAG electronics   | BCD18.2Q-01/220-240/DALI | Fluorescent Lamp                  |
| Code Mercenaries  | LED-Warrior07            | LED                               |
| Delta electronics | USCO-150070LA            | LED                               |
| Delta electronics | EUCI-0400xxLA Family     | LED                               |
| Helvar            | Digidim EL 1x14si        | Fluorescent Lamp                  |
| Helvar            | EL 1x39iDim              | Fluorescent Lamp                  |
| Helvar            | LC1x30-E-DA              | LED                               |
| i-NO              |                          | Colour Control + LED              |
| Lumenergi         | iB-100                   | Fluorescent Lamp                  |
| Lumitech          | PI-LED Zhaga SMD         | Colour Control                    |
| Lunatone          | CW-WW                    | Colour Control + LED              |

| VENDOR          | PRODUCT*   | TYPE                            |
|-----------------|--|---------------------------------|
| Lunatone        | DALI RM8/16                                      | Fluorescent Lamp (Relay Module) |
| Mackwell        | Relion AS642/M1/D                                | Emergency Light (fluorescent)   |
| Mackwell        | Primian-2 AS5C/40/M1/D                           | Emergency Light (fluorescent)   |
| Mean Well       | LCM-xxDA Family                                  | LED                             |
| Mean Well       | DAP-04   | LED                             |
| OSRAM           | HALOTRONIC HTi DALI                              | Low Voltage Halogen Lamp        |
| OSRAM           | QTi DALI 1x14/24 DIM                             | Fluorescent Lamp                |
| OSRAM           | HALOTRONIC HTi DALI 315/230-240 DIM              | incandescent                    |
| Philips         | HF-R DALI 114 T5 220-240                         | Fluorescent Lamp                |
| Philips         | Fortimo LED Driver 1100-2000 TD/I                | LED                             |
| Philips         | XITANIUM 25 W, 0.3-1A, 36V, 9290 006 004         | LED                             |
| Regent          | DALI TunableWhite Family                         | Fluorescent Lamp                |
| Tridonic.ATCO   | TE DALI Family (e.g. TE-0105 one4all sc)         | Low Voltage Halogen Lamp        |
| Tridonic.ATCO   | PCA DALI Family (e.g. PCA 1/14 T5 EXCEL one4all) | Fluorescent Lamp                |
| Tridonic.ATCO   | EM LED DALI Family (e.g. EMpowerLED 1W PRO)      | Emergency Light (LED)           |
| Tridonic.ATCO   | EM fluorescent DALI Family (e.g. EM 14 PRO EZ-3) | Emergency Light (fluorescent)   |
| Tridonic.ATCO   | PCI DALI Family (e.g. PCI 0035 FOX B011)         | HID (+switching)                |
| Tridonic.ATCO   | PCS DALI Family (e.g. PCS 70 DIM B011)           | HID                             |
| Tridonic.ATCO   | RM DALI Family (e.g. RM-C)                       | Fluorescent Lamp (Relay)        |
| Tridonic.ATCO   | LCAU DALI Family                                 | Colour Control + LED            |
| Tridonic.ATCO   | LCAI DALI Family                                 | LED                             |
| Tridonic.ATCO   | LCA DALI Family                                  | LED                             |
| Vossloh Schwabe | ELXd 124.600                                     | Fluorescent Lamp                |

| VENDOR   | PRODUCT* | TYPE |
|----------|----------|------|
| Zumtobel | Panos    | LED  |

In addition the following special devices using proprietary extensions of the DALI protocol are supported\*. Special devices not listed below are not supported.

| VENDOR   | PRODUCT*     | TYPE   |
|----------|--------------|--|
| Tridonic | basicDIM DGC | Controller/Gateway                           |
| Zumtobel | DALI-V       | DALI Amplifier (appears as Fluorescent Lamp) |

**Sensors**

The L-DALI Controller supports **all DALI-2 certified sensors**. The following DALI-2 sensors were successfully tested with the L-DALI Controller and are listed here as examples\*.

| VENDOR     | PRODUCT*                       | TYPE   |
|------------|--------------------------------|--|
| LOYTEC     | LDALI-MS2                      | Occupancy (PIR)/Lux/<br>Temperature/Humidity<br>IR Remote/Digital Inputs |
| B.E.G.     | PD4-DALI-2-BMS family          | Occupancy (PIR)/Lux  |
| B.E.G.     | PD11-DALI-2-BMS family         | Occupancy (PIR)/Lux  |
| B.E.G.     | PICO-DALI-2-BMS family         | Occupancy (PIR)/Lux  |
| Calon      | SmartSensor D DALI multisensor | Occupancy (PIR)/Lux  |
| e-controls | e-Multisensor Bus DALI         | Occupancy (PIR)/Lux  |
| e-controls | Multilux 360 DALI              | Occupancy (Highbay PIR)/Lux  |
| Niko       | 41-742                         | Occupancy (PIR)/Lux  |
| Niko       | 41-743                         | Occupancy (PIR)/Lux  |
| Niko       | 41-745                         | Occupancy (Highbay PIR)/Lux  |
| thebenHTS  | PlanoSpot 360 DALI             | Occupancy (PIR)/Lux  |
| Tridonic   | MSensor G3 SFI 30 PIR 5DPI     | Occupancy (PIR)/Lux/<br>IR Remote  |
| Tridonic   | MSensor G3 SFI 30 PIR 10DPI    | Occupancy (PIR)/Lux/<br>IR Remote  |
| Tridonic   | MSensor G3 SFI 30 PIR 16DPI    | Occupancy (PIR)/Lux/<br>IR Remote  |

In addition the following sensors using proprietary extensions of the DALI protocol are supported\*. Sensors not listed below and not DALI-2 certified are not supported.

| VENDOR | PRODUCT*    | TYPE                     |
|--------|-------------|--------------------------|
| LOYTEC | LDALI-MS1   | Occupancy (PIR)/Lux      |
| Helvar | Digidim 311 | Occupancy (PIR)          |
| Helvar | Digidim 312 | Occupancy (PIR)/Lux      |
| Helvar | Digidim 313 | Occupancy (Microwave)    |
| Helvar | Digidim 314 | Occupancy (Microwave)    |
| Helvar | Digidim 317 | Occupancy (High Bay PIR) |

| VENDOR                | PRODUCT*                                     | TYPE                                       |
|-----------------------|--|--|
| Lunatone              | DALI Temp-Sensor                             | Temperature                                |
| OSRAM                 | DALI professional sensor coupler             | Occupancy/Lux                              |
| OSRAM                 | DALI HIGHBAY Adapter                         | Occupancy (external)/Lux                   |
| OSRAM                 | DALI LS/PD LI                                | Occupancy/Lux<br>In-luminaire installation |
| OSRAM                 | DALI professional sensor coupler<br>HF LS LI | Occupancy/Lux                              |
| OSRAM                 | DALI professional sensor coupler<br>E        | Occupancy (external)<br>Lux (external)     |
| Philips               | OccuSwitch DALI LRM2090/20                   | Occupancy/Controller                       |
| Philips               | OccuSwitch DALI LRM2090/30                   | Occupancy/Controller                       |
| Philips               | OccuSwitch DALI LRM2090/40                   | Occupancy/Controller                       |
| Schneider<br>Electric | LA-11  | Occupancy (PIR)/Lux                        |
| Steinel               | LiveLink Control Pro Dual HF                 | Occupancy (HF)/Lux                         |
| Steinel               | LiveLink Control Pro IR Quattro<br>HD        | Occupancy (PIR)/Lux                        |
| Steinel               | LiveLink IS 3360 MX Highbay                  | Occupancy (Highbay<br>PIR)/Lux             |
| Steinel               | LiveLink IS 345 MX Highbay                   | Occupancy (Highbay<br>PIR)/Lux             |
| Steinel               | LiveLink IR Micro                            | Occupancy (PIR)/Lux                        |
| Steinel               | LiveLink Light Sensor Dual                   | Lux  |
| Steinel               | LiveLink IR Quattro SLIM XS                  | Occupancy (PIR)/Lux                        |
| Steinel               | LiveLink HF 3360                             | Occupancy (HF)/Lux                         |
| Steinel               | LiveLink Control Pro HF 360                  | Occupancy (HF)/Lux                         |
| Steinel               | LiveLink IS 3360                             | Occupancy (PIR)/Lux                        |
| Steinel               | LiveLink IS 345                              | Occupancy (PIR)/Lux                        |
| Steinel               | LiveLink Control Pro Single US               | Occupancy (US)/Lux                         |
| Steinel               | LiveLink Control Pro Dual US                 | Occupancy (US)/Lux                         |
| Tridonic              | MSensor 02 5DPI 41                           | Occupancy (PIR)/Lux                        |

**Buttons**

The L-DALI Controller supports **all DALI-2 certified button modules**. The following DALI-2 buttons were successfully tested with the L-DALI Controller and are listed here as examples\*.

| VENDOR | PRODUCT*  | TYPE  |
|--------|-----------|---|
| LOYTEC | LDALI-BM2 | DALI push-button coupler<br>(digital & analog inputs) |

In addition the following button modules using proprietary extensions of the DALI protocol are supported\*. Button modules not listed below cannot be commissioned and configured using the L-DALI Controllers!

| VENDOR | PRODUCT*  | TYPE                     |
|--------|-----------|--------------------------|
| LOYTEC | LDALI-BM1 | DALI push-button coupler |

\*) LOYTEC electronics GmbH assumes no responsibility for any errors contained in these lists. LOYTEC makes no representation and offers no warranty of any kind regarding any of the thirdparty components mentioned in these lists. These components are suggested only as examples of usable devices. The use of these components or other alternatives is at the customer's sole discretion.

If you require support for sensors or buttons other than the ones listed above, please contact LOYTEC support ([support@loytec.com](mailto:support@loytec.com)).