

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/ Temperature/Humidity 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/ IR Remote
Tridonic	MSensor G3 SFI 30 PIR 10DPI	Occupancy (PIR)/Lux/ IR Remote
Tridonic	MSensor G3 SFI 30 PIR 16DPI	Occupancy (PIR)/Lux/ 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 In-luminaire installation
OSRAM	DALI professional sensor coupler HF LS LI	Occupancy/Lux
OSRAM	DALI professional sensor coupler E	Occupancy (external) Lux (external)
Philips	OccuSwitch DALI LRM2090/20	Occupancy/Controller
Philips	OccuSwitch DALI LRM2090/30	Occupancy/Controller
Philips	OccuSwitch DALI LRM2090/40	Occupancy/Controller
Schneider Electric	LA-11	Occupancy (PIR)/Lux
Steinel	LiveLink Control Pro Dual HF	Occupancy (Microwave)/Lux
Steinel	LiveLink Control Pro IR Quattro HD	Occupancy (PIR)/Lux
Steinel	LiveLink IS 3360 MX Highbay	Occupancy (Highbay PIR)/Lux
Steinel	LiveLink IS 345 MX Highbay	Occupancy (Highbay 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 (Microwave)/Lux
Steinel	LiveLink Control Pro HF 360	Occupancy (Microwave)/Lux
Steinel	LiveLink IS 3360	Occupancy (PIR)/Lux
Steinel	LiveLink IS 345	Occupancy (PIR)/Lux
Steinel	LiveLink Control Pro Single US	Occupancy (Ultrasonic)/Lux
Steinel	LiveLink Control Pro Dual US	Occupancy (Ultrasonic)/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 (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).