

## Wired system for central monitoring of emergency lights

The LIMAS Line ESC light management system is suitable for centralised monitoring of self-contained MA-Z emergency luminaires. These luminaires can be monitored via DALI in accordance with DIN EN 50172 VDE 0108-100:2024-10, but not controlled.
They are operated via the integrated touchscreen panel; a PC is not required. The system also enables function and duration tests to be carried out at individually definable times.
For further details and properties, see the chapter on light management systems.

## System accessories

| Type | Art.-No. | | |
|---|---|---|---|
| **LLEC CON** | 90545 0042 | 7-inch touch panel with integrated DALI-2 controller for monitoring up to 64 self-contained emergency luminaires. Required accessories: DALI bus power supply (no. 90545 0016) and 24 V power supply (no. 90545 0043) |  |
| **LLEC PS** | 90545 0043 | 24 V power supply for touch panel (no. 90545 0042) |  |
| **LLPO AKTOR 4X10** | 90545 0041 | DALI-2 actuator with 4 volt-free outputs (max. 10 A). Suitable for signaling test states and system statuses of self-contained emergency luminaires |  |



## Radio-based monitoring system for self-contained emergency luminaire

The radio-based LIMAS Air GUARD light management system uses the central monitoring unit and works with radio-capable self-contained emergency luminaires, recognisable by the abbreviation 'CS'. There are two variants of these self-contained emergency luminaires: MA-Z CS, which can be monitored via radio, and DIMD MA-Z CS, which can be both monitored and controlled via radio - all standard-compliant in accordance with DIN EN 50172 VDE 0108-100:2024-10.
The monitoring unit is configured and controlled via PC without additional software - a browser is all that is needed. The connection between the PC and the monitoring unit can be realised either via an existing network or by establishing a peer-to-peer connection. An Internet connection is not required. The lights themselves are conveniently set up using a free app for Android or iOS.
For further details and properties, see the chapter on light management systems.

## System accessories

| Type | Art.-No. | | |
|---|---|---|---|
| **LACA SENSBOX** | 10183 0002 | External unit with integrated RFLS socket for connecting a radio module (can be combined with LIMAS Air CASA) |  |
| **RFL LACA FM DS** | 90546 9013 | CASAMBI® radio module with light sensor for RFL sockets |  |
| **LAGD CON** | 90545 0047 | DALI-2 controller for monitoring up to 192 self contained emergency luminaires via radio on 3 DALI buses (additional system accessories and expert advice required) |  |