



LIMAS Line BASIC/PRO - smart wired lighting control of DALI light fittings

With the LIMAS Line light management system, every DIMD light fitting from SCHUCH becomes a smart light fitting and brings you major economic and ecological benefits.

LIMAS Line is available in 2 versions:

LIMAS Line BASIC enables fully automated, dynamic light in conjunction with the corresponding sensors. Configuration is carried out using a smart end device (Android or iOS) via Bluetooth. This only requires a free app with which the room to be illuminated can be recreated and equipped and configured with luminaires, sensors and push-buttons.

LIMAS Line PRO offers extended options and additional functions. In addition to DIMD luminaires, all self-contained luminaires (MA-Z) in the SCHUCH portfolio can also be controlled and monitored. Configuration and control are carried out via PC without additional software - a browser is sufficient. The connection between the PC and LIMAS Line PRO can be realised either via an existing network or by establishing a peer-to-peer connection. An Internet connection is not required. For further details and properties, see the chapter on lighting management systems.

Control components

LIMAS Line BASIC SCS



LIMAS Line PRO SCE



Type	Art.-No.	
LIMAS Line BASIC SCS	90545 0005	DALI2 controller for controlling up to 64 devices.
LIMAS Line PRO SCE	90545 0031	DALI2 controller for controlling up to 192 devices. Monitoring of single battery emergency lights possible.

System components

LIMAS Line IC



LIMAS Line DALI PS 240mA



LIMAS Line BM/DS PIR 4,0-14,0m



LIMAS Line BM/DS HF 2,0-4,0m



LIMAS Line MK4x10A



Type	Art.-No.	
LIMAS Line IC	90545 0015	DALI-2 input controller with 4 independent inputs for connection of floating contacts/buttons.
LIMAS Line DALI PS 240mA	90545 0016	DALI bus power supply with max. 240mA.
LIMAS Line BM/DS PIR 2,5-4,0m	90545 0035	Infrared DALI2 motion detector including light sensor for mounting heights of 2.5-4m.
LIMAS Line BM/DS PIR 4,0-14,0m	90545 0036	Infrared DALI2 motion detector including light sensor for heights up to 14m.
LIMAS Line BM/DS PIR 4,0-16,0m	90545 0037	Infrared DALI2 motion detector with light sensor for mounting heights up to 16m.
LIMAS Line BM/DS PIR 1,8-2,5m	90545 0038	Infrared DALI2 motion detector with light sensor for vertical wall mounting for height up to 2.5m.
LIMAS Line BM/DS PIR 2,5-5,0m	90545 0039	Infrared DALI2 motion detector with light sensor. For a mounting height of up to 5m and a maximum detection area of 6m x 23m.
LIMAS Line BM/DS HF 2,0-4,0m	90545 0040	HF DALI2 motion detector with light sensor for a mounting height of up to 4.8m and a maximum diameter of the detection area of 8m.
LIMAS Line MK4x10A	90545 0041	Four potential-free relays, switchable with DALI. Suitable for signaling test and system states of single battery emergency lights.
LIMAS LINE XR DS 2,0-4,0m	90545 0045	DALI2 light sensor in encapsulated housing for areas exposed to harmful gases, mounting heights of 2.0-4.0m.



LIMAS LINE ESC - central monitoring of self-contained emergency light fittings in accordance with DIN VED V 0108-100-1

LIMAS Line ESC dient ausschließlich zur zentralen Überwachung von Einzelbatterie-Notleuchten MA-Z. Die Bedienung erfolgt über das integrierte Touchscreen-Panel, ein PC ist nicht erforderlich.

For further details and properties, see the chapter on lighting management systems.

LIMAS Line ESC



Control components

Type	Art.-No.	
LIMAS Line ESC	90545 0042	7-inch touch panel/controller to monitor up to 64 single-battery emergency lights.

LIMAS Line MK4x10A



LIMAS Line ESC PS



System components

Type	Art.-No.	
LIMAS Line MK4x10A	90545 0041	Four potential-free relays, switchable with DALI. Suitable for signaling test and system states of single battery emergency lights.
LIMAS Line ESC PS	90545 0043	24V power supply for the LIMAS Line ESC controller.