



LIMAS Air

Smart lighting control for high-bay luminaires

Whether replacing an existing system or installing a new one, with the LIMAS Air lighting management system you can now make your lighting system smart in no time at all and bring it to a new level. Extremely simple, fast and without additional installation effort.

With the LIMAS Air radio module, which is connected to the luminaire via FastConnect quick plug-in connection, every DIMD high bay luminaire from SCHUCH becomes a smart luminaire. Commissioning is also child's play and extremely convenient with the free smartphone app. Based on CASAMBI® radio technology, you control your lighting system with low Connected load and a long range, whereby the participants are connected and communicate with each other via a self-organised mesh network. Up to 250 luminaires in a system can be controlled and regulated by sensors specially developed for the industry. From simple switching and dimming to complex lighting scenes, everything can be implemented in the simplest way.



Product highlights:

- can be used with all SCHUCH high-bay luminaire series
- simple installation without tools and without additional installation effort (**FastConnect plug-in system**)
- convenient configuration and control via Bluetooth using free smartphone app (Android and iOS) and wall push-button
- up to 250 luminaires can be controlled in one system
- significant reduction of operating costs and CO₂ reduction
- maximum failure safety thanks to autarkic, self-healing mesh network. If one luminaire fails, the other luminaires automatically reconnect via the mesh network
- Radio module can be replaced without tools thanks to FastConnect plug connection
- Version with cable for flexible positioning of the radio module in case of space problems
- extensive portfolio of sensors and actuators
- no gateway and no internet connection required

LIMAS Air FM



LIMAS Air FM MK



Radio module

Article No.	Type	
90547 9001	LIMAS Air FM	CASAMBI® radio module with FastConnect quick-connector for controlling DIMD luminaires
90547 9002	LIMAS Air FM MK	CASAMBI® radio module with FastConnect quick-connector and 1m cable



System components

LIMAS Air BM/DS IR LPH max. 14m



LIMAS Air BM/DS IR LPH max. 2,2m



LIMAS Air TAST INTER UP max. 4 KONT



LIMAS Air DALI PS/C



LIMAS Air TAST UP max. 4 KONT



RFL LIMAS Air HUB TRI



Art.-Nr.	Type	
90547 9005	LIMAS Air BM/DS IR LPH max. 14m	Motion and light sensor for a mounting height of max. 14m and a detection area of up to 28m diameter.
90547 9006	LIMAS Air BM/DS IR LPH max. 12m	Motion and light sensor for a mounting height of max. 12m and a detection area of max. 3m x 15m.
90547 9007	LIMAS Air BM/DS IR LPH max. 20m	Motion and light sensor for a mounting height of max. 20m and a detection area of max. 5m diameter.
90547 9008	LIMAS Air BM/DS IR LPH max. 2,2m	Motion and light sensor for a mounting height of max. 2.2m and a detection area of max. 5m diameter.
90547 9009	LIMAS Air TAST INTER UP max. 4 KONT	Push-button interface for connecting up to 4 analogue push-button contacts, mounting in flush-mounted box/branch box.
90547 9010	LIMAS Air DALI PS/C	Radio module with DALI power supply and broadcast control of up to 60 EVGs (total current 120mA). Power supply 230V.
90547 9011	LIMAS Air TAST UP max. 4 KONT	Battery-free quadruple wireless pushbutton, pressing the pushbutton generates energy to supply the pushbutton electronics.
90546 9013	RFL LIMAS Air HUB TRI	Light management controller (2.4 GHz mesh network) with radio antenna and RFL base.

