

LIMAS Air smart radio-based lighting control for moisture-proof luminaires (version ...CS)

With the radio-based LIMAS Air light management system, you can make your lighting system smart in no time at all - and without any additional installation work. No additional radio module is required to control moisture-proof luminaires. Everything you need for a networked lighting environment is already included in the luminaires (version ...CS). Based on CASAMBI[®] wireless technology and the 2.4 GHz radio standard, the lighting system can be controlled reliably with low power consumption and a long range. The system is set up simply and intuitively using a smartphone or tablet with the free CASAMBI[®] app. The following sensors and actuators can be integrated and flexibly grouped.

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

System components

LIMAS Air BM/DS IR LPH max. 16m LIMAS Air BM/DS IR LPH max. 2,2 m 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

Туре	ArtNo.			
LIMAS Air BM/DS IR LPH 5,0-16,0m Oval	90547 9013	Motion and light sensor for a mounting height of max. 5.0 - 16.0 m and a detection area of max. 19 m x 30 m.		
LIMAS Air BM/DS IR LPH 2,0-10,0m	90547 9014	Motion and light sensor for a mounting height of max. 2.0 - 10.0 m and a detection area of up to 24m in diameter.		
LIMAS Air BM/DS IR LPH max. 20,0m	90547 9007	Motion and light sensor for a mounting height of max. 20 m and a detection area of max. 5 m diameter.		
LIMAS Air BM/DS IR LPH max. 2,2 m	90547 9008	Motion and light sensor for a mounting height of max. 2.2 m and a detection area of max. 5 m diameter.		
LIMAS Air TAST INTER UP max. 4 KONT	90547 9009	Push-button interface for connecting up to 4 analogue push- button contacts. Intended for mounting in a flush-mounted box.		
LIMAS Air DALI PS/C	90547 9010	Radio module with DALI power supply and broadcast control of up to 60 ECGs (total current 120 mA). Power supply 230 V.		
LIMAS Air TAST UP max. 4 KONT	90547 9011	Battery-free 4-fold "EnOcean" wireless pushbutton. When the but- ton is pressed, energy is generated to supply the button electronics.		
RFL LIMAS Air HUB TRI	90546 9013	Light management controller (2.4 GHz mesh network) with radio antenna and RFL base.		

Subject to technical changes, misprints and errors.

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LIMAS Air - smart radio-based lighting control of DALI light fittings

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 radio 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

Radio module

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

System components

Туре	ArtNo.	
LIMAS Air BM/DS IR LPH 5,0-16,0m Oval	90547 9013	Motion and light sensor for a mounting height of max. 5.0 - 16.0 m and a detection area of max. 19 m x 30 m.
LIMAS Air BM/DS IR LPH 2,0-10,0m	90547 9014	Motion and light sensor for a mounting height of max. 2.0 - 10.0 m and a detection area of up to 24 m in diameter.
LIMAS Air BM/DS IR LPH max. 20,0m	90547 9007	Motion and light sensor for a mounting height of max. 20 m and a detection area of max. 5 m diameter.
LIMAS Air BM/DS IR LPH max. 2,2m	90547 9008	Motion and light sensor for a mounting height of max. 2.2 m and a detection area of max. 5 m diameter.
LIMAS Air TAST INTER UP max. 4 KONT	90547 9009	Push-button interface for connecting up to 4 analogue push- button contacts. Intended for mounting in a flush-mounted box.
LIMAS Air DALI PS/C	90547 9010	Radio module with DALI power supply and broadcast control of up to 60 ECGs (total current 120 mA). Power supply 230 V.
LIMAS Air TAST UP max. 4 KONT	90547 9011	Battery-free 4-fold "EnOcean" wireless pushbutton. When the but- ton is pressed, energy is generated to supply the button electronics.
RFL LIMAS Air HUB TRI	90546 9013	Light management controller (2.4 GHz mesh network) with radio antenna and RFL base.



LIMAS Air FM



LIMAS Air FM MK



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

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