



Protection class: IP 54  
acc. to DIN EN 60598/VDE 0711

**Product description /  
Apcon BLE - Occupancy detector, Master**

Gear tray sensor module with B.E.G. multi-sensor PD4 with motion and light sensor and integral Casambi wireless control built in, includes cover slats/blinds for specific applications.

Suitable for use with our 7way Linia busbar trunking. The detector also features an external telescopic light sensor mechanically adjustable to a mounting height between 5 and 16 metres for application-specific light measurement

The occupancy detector automatically controls the light depending on the presence of people (movements) and the ambient brightness. The light sensor integrated in the detector constantly measures the ambient brightness and compares it with the brightness set value set in the application. If the ambient brightness is sufficient, the lighting is not switched on. If the ambient brightness is below the brightness set value, movement in the room causes the lighting to switch on. The detector switches the lighting off despite a person being present if there is sufficient natural light or as soon as no more movement is detected in the room for a follow-up time. The scenes to be triggered must be created in the Casambi app and can be easily tailored to suit the requirements.

The VLMF-SEN-AB-P-WH-DA in conjunction with slave VLMF-SEN-AB-E-WH provides a Dali2 broadcast to up to 32 Linia Dali2 gear trays which through the free Casambi app software parameters for many functions can be given, for example set scenes, groups of luminaires and timers.

**Design:** Sensor module insert for mounting in VLTM trunking. VLMF supplementary modules ... made of extruded aluminium, powder coated white, silver (-SI) or black (-SW). Spring steel clips for mounting to the trunking. The VLMF modules ... can be positioned at variable distances between the VGLF gear trays.

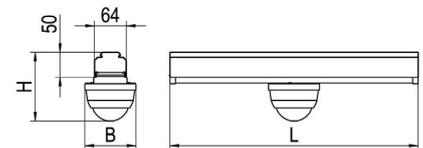
Electrical adapter allows the VLMF to be positioned on the busbar trunking at the required point. Colour and optical coding for simple mounting. Mechanical coding to prevent incorrect installation (reversed polarity protection).

**Product image**



**Technical data / dimensions**

<b>Dimens. [mm]</b>	
<b>L</b>	500
<b>B</b>	103
<b>H</b>	138
<b>Mounting height</b>	5m /16m /14m
<b>Min/Max/Rec'</b>	
<b>Weight [kg]</b>	0,69

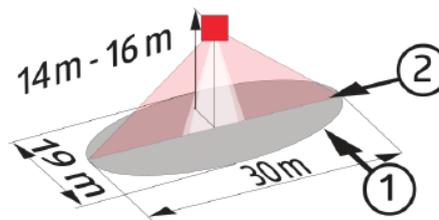


**Basic Technical Data**

Power Source	230 V AC ±10% 50 Hz
Supported Dali Drivers	Dali2
Weight	690g
Output	80mA Max 32 Dali drivers

Range:

Range (oval detection) (walking towards)		
Mounting height H	in longitudinal axis (L)	90° to longitudinal axis (B)
5.0m	26.0m	18.0m
6.0m	26.0m	18.0m
7.0m	28.0m	19.0m
8.0m	28.0m	19.0m
9.0m to 16.0 m	30.0 m	19.0m



Range diagram  
1: Walking across 2: Walking towards  
Mounting height  
min./max./recommended: 5 m / 16 m / 14 m

Wiring:

Trunking Feed Wiring for Apcon BLE/Manual Test Em:  
LINIA 7 way Feed VLNE-7F-WS/1207048

Feed ID	Description
<b>N</b>	Neutral
<b>L1</b>	EM Permanent Live
<b>L2</b>	Live
<b>L3</b>	
<b>4</b>	
<b>5</b>	
<b>E</b>	Earth

Trunking Feed Wiring for Apcon BLE/Self Test Em:  
LINIA 7 way Feed VLNE-7F-WS/1207048

Feed ID	Description
<b>N</b>	Neutral
<b>L1</b>	
<b>L2</b>	Live
<b>L3</b>	
<b>4</b>	
<b>5</b>	
<b>E</b>	Earth