



LUXLINK[®] DALI Microwave–Sensor

Part Number – Link/DaliMW

The Luxlink DALI Microwave Sensor is a compact device containing a combined Passive Infra-Red & microwave Detector. The detector can be programmed for both Presence and absence sensing and is suitable for applications such as corridors or large classrooms requiring detection over long range. This sensor can be used in conjunction with other Luxlink DALI products such as a Multi-Sensor for daylight control, Mini Input Unit for absence and override switching and Scene Plates for meeting room control.

The sensor is based on a commercially available Bosch professional, dual detector Intruder alarm Sensor and is interfaced to a DALI network by a Luxonic integral interface. This makes the sensor suitable for use in integration type projects where the sensor is used to multi-task for lighting, intruder, where features such as anti-mask are required and HVAC control.

Product Features and Connectivity:

- Small, compact design, 136mm x 69mm x 58mm
- Long range 18m x 25m coverage (Standard setting)
- Short range 7.5m x 10m coverage
- 2-3m Mounting height
- Anti-Mask Function
- Programmable using Luxlink Software
- Supplied with 3m cable and plug for connection to Luxonic DALI luminaires (Link/Dali/MW/3/P only)
- A co-operative sensor for communication with other same group sensors in open plan applications
- Intermediate dim level prior to off or programmable for “off to dim”



Installation Notes:

- All cabling must be rated at 230V

Application:

This sensor is ideal for use as part of Luxlink DALI Lighting Management System in projects where automated control of lighting is required in areas such as corridors or large workspaces. Ideally suited for projects where the building owner/occupier requires the ability to reconfigure the system according to their changing environment without 3rd party commissioning

All Luxlink DALI field control devices are available with cable and modular wiring plug system assembly for network connection at the nearest Luxonic Luminaire when a Luxlink DALI modular wiring system is being installed. A plug-in connection is required for sensor identification purposes at commissioning

Family Products (Network based):

Link/DaliCM/2/M	Luxlink DALI Connectivity Module Dual Feed Master
Link/E2DaliCM	Luxlink Ethernet2dALI Connectivity Module
Link/DaliMS	Luxlink DALI Multi-Sensor
Link/DaliMIU	Luxlink DALI Mini Input Unit
Link/DaliSP	Luxlink DALI Scene Panel, 4-Scene

Data subject to change without notice, E & OE, Revision E – 09/06/2016

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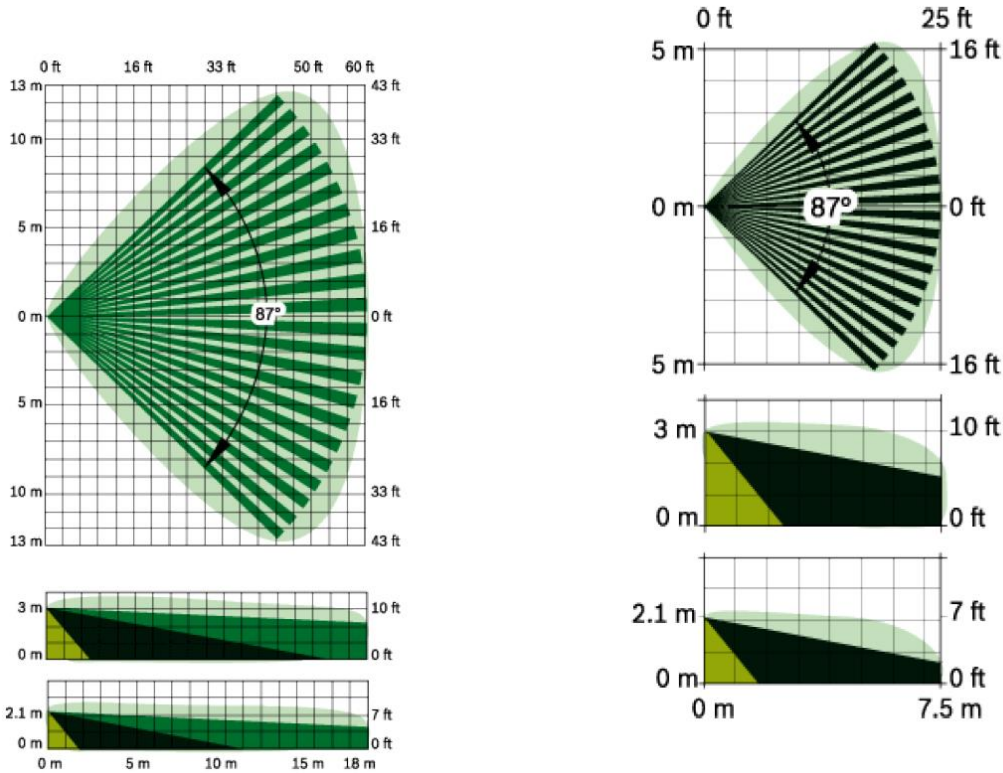
Luxonic is constantly developing and improving its products. The right is reserved to change specifications without prior notification or public announcement.



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Sensor Coverage Data



Long Range Coverage (default setting)

Short Range Coverage (selectable)

Recommended Mounting Height = 2 to 3m

Technical Data

Connection

DALI: Removable connector for 0.5mm² – 1.5mm² solid or stranded
In back housing

Power

DALI Supply: From DALI Power Supply Unit elsewhere in the system Via Luxonic Interface in rear of Sensor
DALI Consumption: 25mA

Operating Conditions

Ambient Temp: -29...55°C
Relative Humidity: 0-95% Max. non-condensing
Storage Temp: -29...+55 °C

Mechanical Data

Finish: White
Material: High impact ABS plastic

Conformity

IP Rating: IP41, IK02 (EN60529, EN50102)
Environmental: Class II
Certificates: cULus – UL639, CE, C-Tick, EN50131-1 Grade 2, FCC, IC