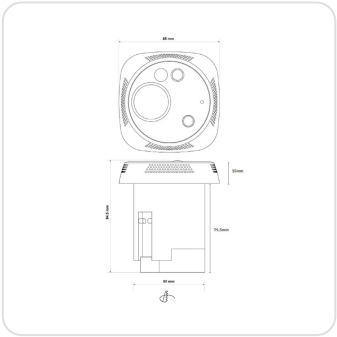
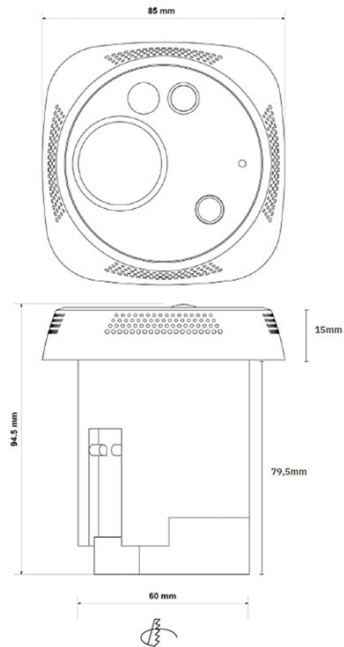




PRODUCT DATASHEET | IL-TMIRA
THINQ MIRA WIRELESS ALL-IN-ONE AMBIENT AND PRESENCE SENSOR





DESCRIPTION

The Interlight Mira is an advanced wireless sensor for smart and energy-efficient buildings. Combining presence detection, thermal people counting and climate monitoring in one compact ceiling sensor, Mira provides real-time insights for optimal control of lighting, HVAC systems and space utilization. The sensor detects both motion and people sitting still thanks to the combination of PIR detection and thermal sensing. Unlike camera systems, this technology is fully AVG/GDPR-proof, ensuring privacy. In addition, Mira continuously monitors key environmental factors such as CO₂, temperature, humidity, air pressure, air quality (TVOC), light intensity and noise levels. This data helps building managers improve comfort, save energy and utilize workplaces more efficiently. With Wirepas mesh connectivity and integrated DALI Rx/Tx control, Mira integrates seamlessly into smart building and lighting systems for automatic and demand-driven lighting control. **Key features**

- Wireless all-in-one smart building sensor
- PIR motion detection and thermal people counting
- GDPR/AVG-proof presence detection without a camera
- Monitoring of CO₂, humidity, temperature, atmospheric pressure, TVOC and air quality
- Ambient light and MEMS sound detection
- Smart lighting integration via DALI Rx/Tx
- Reliable and scalable Wirepas mesh connectivity
- Real-time occupancy and space utilization analysis
- Suitable for HVAC optimization and energy management
- Compact ceiling mounted design



SPECIFICATIONS

Brand:	Interlight
Product type:	Sensor
Model:	Other
Transducer Type:	Passive infrared/ultrasonic (dual)
Motion sensor/presence detector technology:	Passive infrared/ultrasonic (dual)
With DALI interface:	Yes
Constant light control:	Yes
HVAC control:	Yes
Forced entry:	No
Forced shutdown:	No
Free animal zone:	No
Undercut protection:	Yes
Achtergrondcontrole:	Ja
Linkable to network:	Yes
Optimal mounting height:	2.5 m
Staircase controller:	No
Override switch:	Yes
Max. range sideways:	6 m
Max attendance range:	24 m ²
Max. range frontal:	4 m
Diameter range on floor:	6 m
Suitable for wireless:	Yes
Remote operation:	Yes
With remote control:	Yes
Call sensitivity adjustable:	Yes
Address brightness adjustable:	Yes
With signal unit:	Yes
Self-learning function for address clarity:	No
Dimming function with dimmer base element:	Yes



Suitable for wall mounting:	Yes
Mounting method:	Other
Suitable for ceiling mounting:	Yes
Ceiling flush mounting without installation box:	Yes
Suitable for wall mounting:	Yes
Connection method:	Plug clamp
Material:	Plastic
Material quality:	Thermoplast
Halogen-free:	No
Surface protection:	Other
Implementation surface:	Mat
Antibacterial treatment:	No
Color:	White
RAL number (similar):	9003
Transparent:	No
Degree of protection (IP):	IP20
Impact resistance:	IK02
Voltage type:	AC
Frequency:	2.4 Hz
Nom. voltage :	230 V
Nom. voltage :	220 - 240 V
Min. lag time:	5 s
Max. lag time:	8640 min
Turn-off delay:	5 s
Turn-on delay:	20 s
Width:	60 mm
Height:	90 mm
Depth:	75 mm
Diameter:	60 mm
Installation width:	60 mm
Installation depth:	75 mm



Installation length:	75 mm
Installation diameter:	60 mm
Min. depth of recessed box:	75 mm
With connection cable:	No
Compatible with Apple HomeKit:	No
Compatible with Google Assistant:	No
Compatible with Amazon Alexa:	No
Compatible with Casambi:	No

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