

LIGHT UP

SPOTLIGHTING A WORLD
OF IMPROVEMENT

CATALOGUE PAGES INSIDE

#legrandImprovingLives

 **legrand**[®]

THE LEGRAND GROUP: A GLOBAL PLAYER

As a global leader, the Legrand Group is well aware of how the scope of its offering, its technological expertise, its international presence, and the power of its brands can support a world of improvement.

The Group embraces this responsibility by putting its words into action every day through a continuous search for ways of improving its products, its processes, and every decision it makes.

#LegrandImprovingLives

The Legrand Group transforms the spaces where people live, work, and meet. It provides simple, innovative, and sustainable solutions and services, and tailors them to numerous applications. It strives to brighten up the lives of everybody in its wide business ecosystem, as well as society as a whole.

Spotlighting a world of improvement in your workspaces, the new Light Up sensor range is perfectly aligned with the Legrand Group's purpose statement, meaning and values.



ACTIVE INTERNATIONAL
PRESENCE IN OVER
90 COUNTRIES



SALES IN CLOSE TO
180 COUNTRIES



€8.4 BILLION
TOTAL SALES IN 2023

5% OF OVERALL SALES
DEDICATED TO R&D



NEARLY
38,000 EMPLOYEES
WORLDWIDE



SMART AND SUSTAINABLE BUILDING MANAGEMENT SOLUTIONS

The perfect answer to post-COVID workspace challenges, in open spaces and offices

■ **Improving energy efficiency**
Light Up provides solutions in a context of heightened legal and societal demands.

■ **Improving space management**
Light Up helps rationalise occupancy and increase building productivity.

■ **Improving employee well-being**
Light Up monitors VOC* levels, noise, humidity and temperature in order to improve employee well-being.

* VOC: Volatile Organic Compound

SPOTLIGHT ON A WORLD OF IMPROVEMENT

Legrand Light Up is a scalable sensor range with a wide array of features, from lighting optimisation to data collection. Thanks to presence, activity and environmental detection, it helps improve employee well-being and energy performance in office spaces. It makes a world of difference for users.



ELECTRICAL CONTRACTOR

The Light Up range is already available at your distributor, and smartly designed for easy set-up, configuration and adjustments.



FACILITY OR BUILDING MANAGER

Light Up sensors provide high levels of connectivity* to your dashboards, the cloud and your product ecosystems, in order to improve your lighting management and more.

* Including BMS by Legrand dashboard



SERVICE PROVIDER

Collected data can be shared with you in order to plan your visits and target your efforts more efficiently.





Table of contents

The Legrand Group	2
Spotlight a world of improvement	4
Find your best fit in the range	8
Solve every lighting challenge	10
Check out our selection chart	12
Enjoy effortless installations	14
Cast light efficiently	16
Use a smart selection of actionable data	18
Witness the benefits of Light Up in action	20

FIND YOUR BEST FIT IN THE RANGE

11 CATALOGUE ITEMS TO MEET WIDE-RANGING NEEDS

The Legrand Light Up sensor range offers a short but flexible selection of models in order to meet your workspace priorities and specificities. Small and discreet, designed to be ceiling-mounted, they unobtrusively fit in all types of rooms, offices and corridors. And they have three major advantages:

ALREADY IN STOCK
Immediate availability

DATA COMPATIBLE WITH EVERY DASHBOARD*
Freedom to choose and share
* Including BMS by Legrand dashboard

NO FACE RECOGNITION
No invasion of privacy



LIGHT UP OCCUPANCY



LIGHT UP CORRIDOR



LIGHT UP MULTISENSOR



LIGHT UP ADVANCED



LIGHT UP ACTIVITY*

* PoE: Power over Ethernet

SOLVE EVERY LIGHTING CHALLENGE

GET, SET UP, AND SEE MAGIC AT WORK



FACILITY MANAGER
Do you care about the well-being of your employees?

Eye strain, fatigue, headaches, stress, accidents: bad lighting can harm occupants. Luminosity detection helps to consistently provide the lighting they need.



BUILDING MANAGER

Do you need better energy efficiency?

Light Up sensors detect presence and luminosity levels in order to automatically adjust lamps to optimal lighting and reduce energy use.



ELECTRICAL CONTRACTOR

Is simplicity a priority every step of the way?

Discover a sensor range designed with your work habits and challenges in mind:

- **Easy to find** at your usual distributor.
- **Easy to fit** in all types of physical and technical environments.
- **Easy to install** in the workplace.
- **Easy to set up** and operate on your smartphone.
- **Easy to extend** to larger detection areas.
- **Easy to connect** to BMS Solution.



LIGHT UP OCCUPANCY



LIGHT UP CORRIDOR



LIGHT UP MULTISENSOR



LIGHT UP ADVANCED



LIGHT UP ACTIVITY



From Occupancy to Advanced, Light Up sensors put their detection power in service of real-time automated lighting management, and occupant well-being. Easy to install and adjust, they detect changes and react on the spot to provide optimal lighting at all times.

- Luminosity
- Presence
- Humidity
- Temperature
- Sound level
- Air quality
- People counting
- PoE Power over Ethernet

CHECK OUT OUR SELECTION CHART

	HALLS	CORRIDORS	WORKSPACES, OFFICES	CLASSROOMS	MEETING ROOMS, OPEN SPACES
LIGHTING CONTROL ON/OFF					
ON/OFF	048551	048553	048551	048551	-
LIGHTING CONTROL (DIMMING DALI2)					
DALI	048552	048554	048552	048552 - 048571	048572
DALI 3 ZONES	048555	048556	048555	048573	048574
LIGHTING CONTROL (DALI2) & ENVIRONMENTAL DATA					
ON/OFF + DALI	-	-	048571 - 048572	048571 - 048572	048572
ON/OFF + DALI 3 ZONES	-	-	048573 - 048574	048573 - 048574	048574
PEOPLE COUNTING & ENVIRONMENTAL DATA					
PoE*	-	-	048591	-	048591

* Without lighting control



ENJOY
EFFORTLESS
INSTALLATIONS

Enjoy smooth and efficient installations

ELECTRICAL CONTRACTOR

As promised, Light Up sensors have been designed to make your work easy at every turn. Quick and flexible installation through BLE* communication, and smart and easy configuration are proof.

BLUETOOTH SET-UP

No need for a configuration platform. Set up sensors directly on your smartphone. All you need is an updated version of your Close Up App and a bluetooth connection.



SWITCH-OUTLET APPLICATION

To avoid additional wiring, Light Up sensors can be associated with wireless, batteryless switches on a glass wall. Sensors can also be paired with control connected outlets to switch off stand-by equipment when everyone has left the premises.

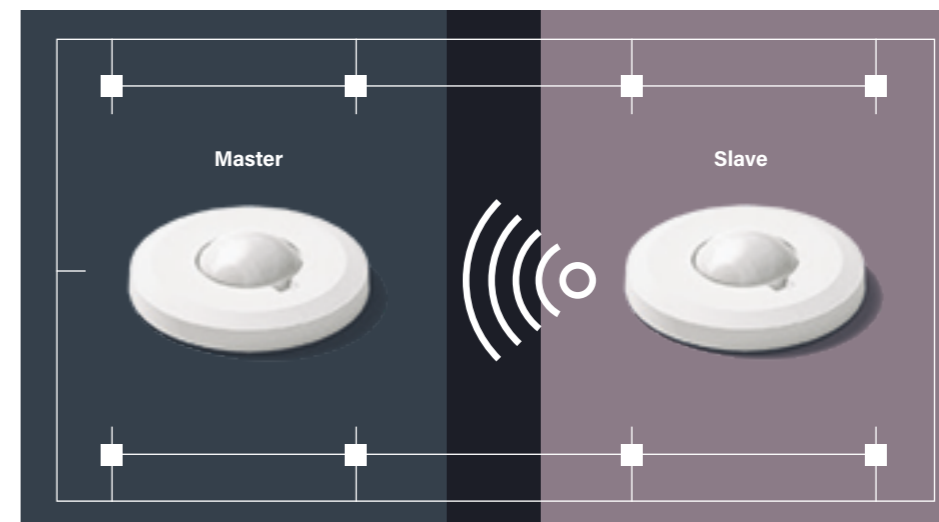


green power

Arteur, Céliane,
Mosaic, Dooxie,
Valena Next

MASTER-SLAVE APPLICATION

The master-slave application makes it possible to easily expand the detection zone by associating a slave detector to the one already connected to the lights in the room: an interesting feature, especially when outfitting a large office, an open space, or a classroom.



*BLE = Bluetooth Low Energy



CAST
LIGHT
EFFICIENTLY

Control three different zones to ensure optimal visual confort

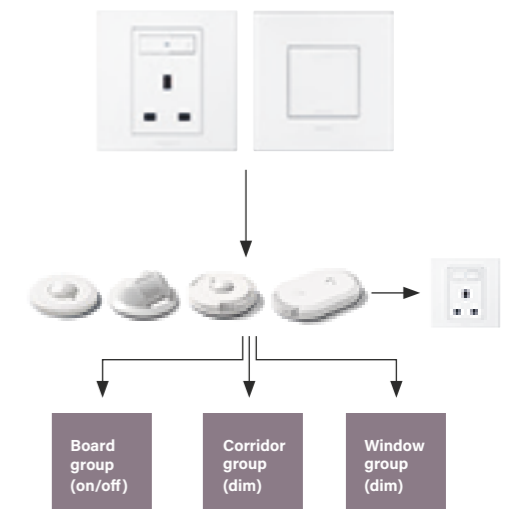
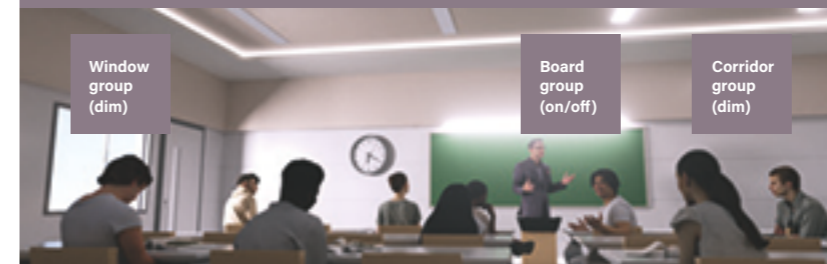
Light Up multicast installation determines three room areas that can be accessed separately. You can then control your three lighting zones according to external lighting conditions and account for how each room is used. As a result, the needs of occupants are met precisely.

MULTICAST OFFSET FUNCTION





The offset function helps regulate lamps according to daylight, hence providing greater luminosity on the "corridor group" side in order to level out brightness in the room. To obtain this setting, simply enter the percentage value for the desired brightness in your Close Up App.

MULTICAST THREE-ZONE ADVANTAGES

Multicast devices help regulate three zones. In a classroom, for instance, it is possible to control board lighting separately from lighting in the rest of the room.



SENSORS SET-UP EXAMPLE

-  **LIGHT UP OCCUPANCY** OFFICE
-  **LIGHT UP CORRIDOR** CORRIDORS
-  **LIGHT UP MULTISENSOR** MEETING ROOM
-  **LIGHT UP ADVANCED** OPEN SPACE



USE A SMART SELECTION OF ACTIONABLE DATA

Collect and connect data to your favourite application

App to be provided by a third party. API available on Works With Legrand

Light Up Activity provides key data to understand your building's dynamics remotely. Follow average and peak occupancy, as well as their variation room by room, floor by floor, building by building. Associated with the dashboard* or application of your choice, it provides a clear vision of your building's performance. For instance, share data with occupants and service providers to optimise meeting room reservations or implement selective office cleaning.

* Including BMS by Legrand dashboard

FACILITY AND BUILDING MANAGERS Do you believe in informed decisions?

Get all the data you need for smarter management:

- Permanent real-time access to key information to understand the **actual usage of the premises**.
- Detailed knowledge regarding the indoor air quality of the building to ensure **occupant well-being** at all times.
- Actionable insight to **optimise operating costs** (in compliance with regulations), **heating and ventilation**.

LIGHT UP ACTIVITY





WITNESS THE BENEFITS OF LIGHT UP IN ACTION

Learn about how Light Up data collection benefits everyone

App to be provided by a third party. API available on Works with Legrand

Light Up Activity data supports improvements that go way beyond lighting comfort and cost savings for everyone. Furthermore, collected data can be used in any application or dashboard* and, with proper authorisation, shared with service providers.

* Including BMS by Legrand dashboard

FACILITY MANAGER

Do you want to support employee well-being?

Improve air quality, comfort and concentration in the workplace:

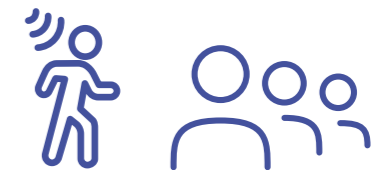
- **Renew ambient air** when air quality detection reveals excessive VOC levels.
- **Ensure optimal comfort** for your occupants by sharing temperature and humidity data with the building management system.
- **Easily identify noisy work areas**, and quieter ones where employees can readily concentrate.



Are you eager to optimise space management?

Streamline occupancy and office services:

- People counting helps you **rethink your work spaces** for a better distribution of occupants according to their needs.
- Occupancy detection shows you which areas are not used in order to adapt cleaning services and **reduce maintenance costs**.
- Occupancy detection and people counting can help you **launch a booking app** for meeting rooms in your building.



BUILDING MANAGER

Are you looking for better energy efficiency?

Lower your **energy usage and carbon footprint**: thanks to presence detection, ensure that the temperature rises when people arrive at work and that it goes down when they leave.

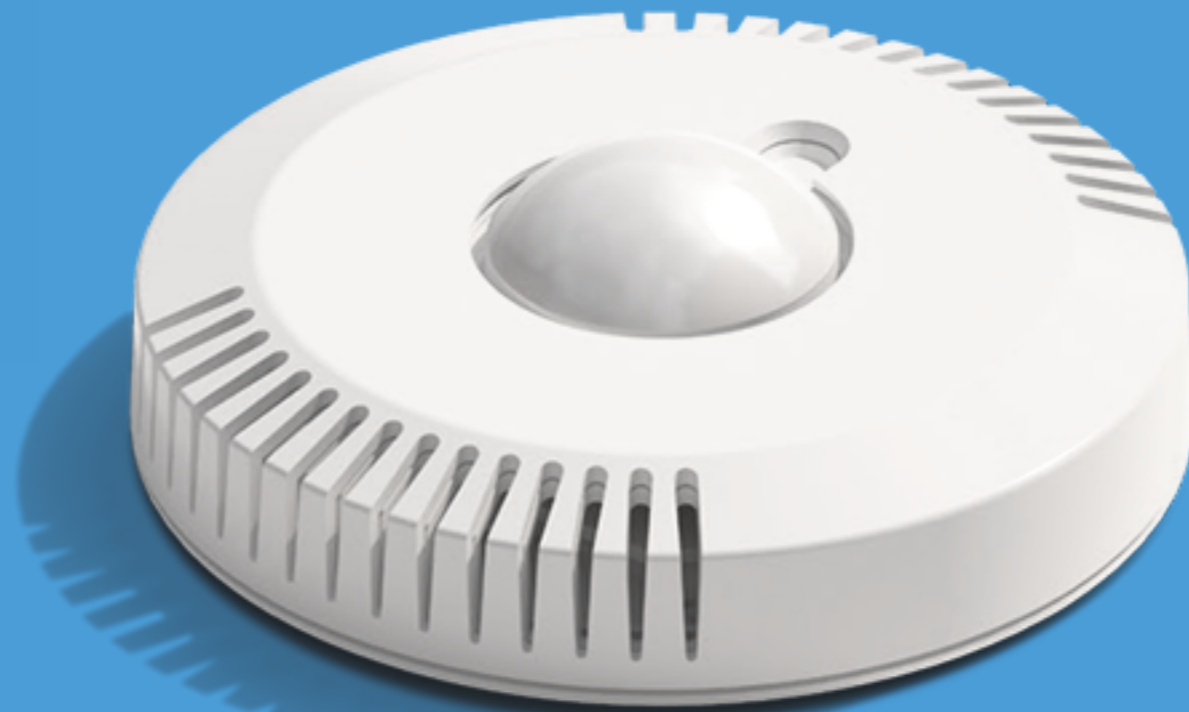
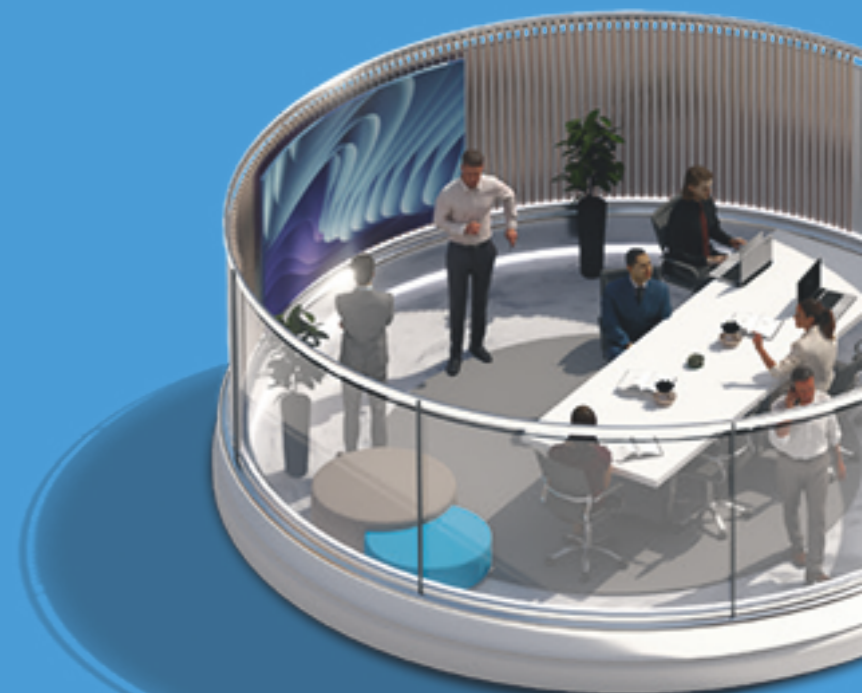


SERVICE PROVIDER

Would you like to strengthen cooperation with your clients?

Light Up data collection makes it easier for you to:

- **Schedule** unobtrusive visits.
- **Anticipate** workload levels.
- **Implement** mutually beneficial processes with your clients.



LIGHT UP
SPOTLIGHTING A WORLD
OF IMPROVEMENT



Light Up

occupancy and corridor ceiling sensors



Light Up

detection zone



0 485 51

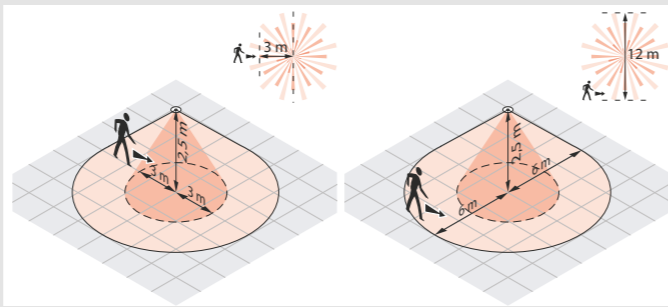
0 485 54

A flexible range of sensors for all types of application
Adapts the lighting to the presence and the luminosity
Wireless master-slave function to extend the detection zone by associating a slave detector with the detector connected to the light
Possibility of combining a wireless batteryless light switch (Cat.Nos 0 677 23L/73L/79L, 0 770 53L, 6 000 83L, 5 742 10/39/55, 5 743 24, 7 418 13L/43L/73L) and a connected outlet (Cat.Nos 0 677 25A/75A, 0 648 95A, 0 777 11LA, 6 003 91A, 5 742 56/57/58/59, 7 419 11/41/71)
Allows the management and control of 3 distinct lighting zones depending on daylight (+ Offset function)
Configuration with Close Up App

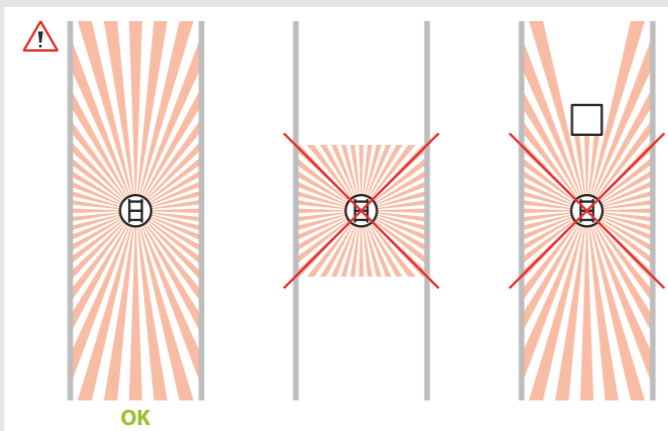
Pack	Cat.Nos	Occupancy
1	0 485 51	Power: < 100 mW -10 °C/ +30 °C Reach: 12 m Daylight sensor Presence sensor ON/OFF
1	0 485 52	Presence and dimming sensor (DALI 2 certified) DALI
1	0 485 55	DALI 3 zones
1	0 485 53	Corridor Power: < 100 mW -10 °C/ +30 °C Reach: 24 m Daylight sensor Presence sensor ON/OFF
1	0 485 54	Presence and dimming sensor (DALI 2 certified) DALI
1	0 485 56	DALI 3 zones

Occupancy detection zone

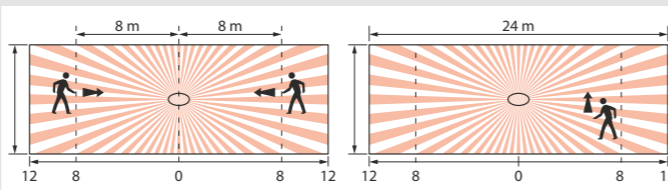
•Walk toward •Walk across



Corridor detection zone



•Walk toward •Walk across



Light Up

multisensors and advanced ceiling sensors



Light Up

detection zone



0 485 71

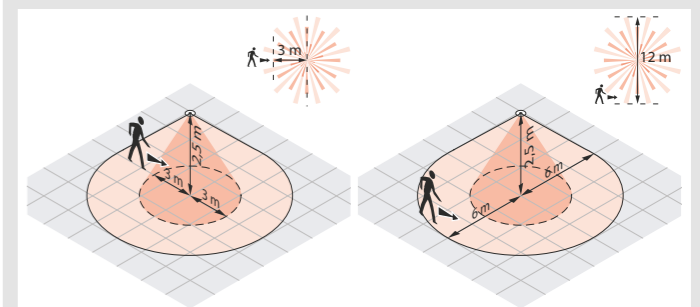
0 485 74

A flexible range of sensors for all types of application
Adapts the lighting to the presence and the luminosity
Wireless master-slave function to extend the detection zone by associating a slave detector with the detector connected to the light
Possibility of combining a wireless batteryless light switch (Cat.Nos 0 677 23L/73L/79L, 0 770 53L, 6 000 83L, 5 742 10/39/55, 5 743 24, 7 418 13L/43L/73L) and a connected outlet (Cat.Nos 0 677 25A/75A, 0 648 95A, 0 777 11LA, 6 003 91A, 5 742 56/57/58/59, 7 419 11/41/71)
Allows the management and control of 3 distinct lighting zones depending on daylight (+ Offset function)
Configuration with Close Up App
Measures environmental data : daylight, temperature, humidity, VOC, IAQ, sound...

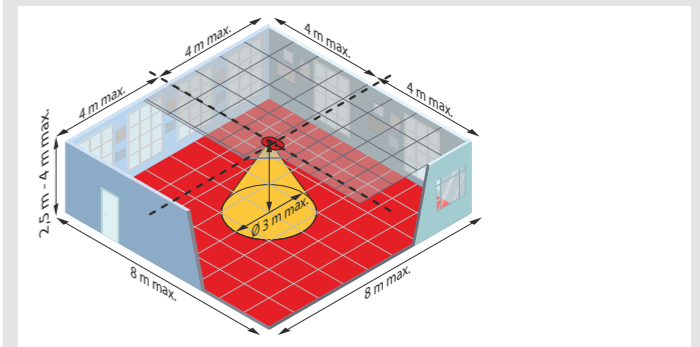
Pack	Cat.Nos	Multisensor
1	0 485 71	Power: < 100 mW +5 °C/ +30 °C Reach: 12 m ON/OFF Daylight sensor: 5 to 1275 lux Temperature sensor: +0 °C/+50 °C Humidity sensor: 0% to 100% IAQ level : 1.0 to 5.0 (UBA reference) Sound sensor: 35 to 120 dbspl eCO2 : 400 -> 5000ppm Presence and dimming sensor (DALI 2 certified) DALI
1	0 485 73	DALI 3 zones
1	0 485 72	Advanced Power: < 100 mW +5 °C/ +30 °C Reach: 8 m x 8 m = 64m² ON/OFF Daylight sensor: 5 to 1275 lux Temperature sensor: +0 °C/+50 °C Humidity sensor: 25% to 80% IAQ level : 1.0 to 5.0 (UBA reference) Sound sensor: 38 to 120 dbspl Counting people allows to measure utilisation and capacity rates eCO2 : 400 -> 5000ppm Privacy respected Thermal imager : no video/images taken Presence and dimming sensor (DALI 2 certified) DALI
1	0 485 74	DALI 3 zones
2	0 485 80	Accessory Surface mount back box Mounting accessory for Light Up surface-mounting false ceiling detectors

Multisensor detection zone

•Walk toward •Walk across



Advanced detection zone





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linkedin/legrand



X.com/legrand



pinterest.com/legrandgroup



youtube.com/user/legrand



instagram.com/legrandnews



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