



**LITECOM**

THE LIGHTING CONTROL SYSTEM



**ZUMTOBEL**

## **USER INTERFACE**

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# **EXTREMELY INTUITIVE**

THE USER INTERFACE.

**LITECOM offers a wide range of interfaces and control units for a variety of applications, rooms and people. From classic momentary-action switches and touch panels for wall installation to apps and web-based interfaces. Clear and self-explanatory for effortless commissioning and intuitive daily use.**

Clear user interface with a variety of light scenes. You can adapt the display with your own images, to suit your needs.



# APPEARANCES ARE NOT DECEIVING

IT REALLY IS THIS EASY – TRY IT YOURSELF.  
LITECOMLIVE.ZUMTOBEL.COM

Standard user interface with full functionality and intuitive design.



Choice of area

Pre-set light scenes

Features

Detail control



Download the free LITECOM app for mobile devices

# SIMPLE CONTROL

THE NEW TOUCH DEVICES.

## SWITCHES AND OPERATING CONSOLES

When people enter a room, they look for a light switch. In some rooms people only need to be able to switch the light on and off, as well as dim it slightly.

As clear as a switch, but much more powerful: with wall-mounted touch devices, controlling LITECOM couldn't be easier.

## MOBILE AND DESKTOP DEVICES

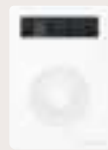
Modern work environments are becoming increasingly flexible – just like our user interfaces. Install our free LITECOM app and benefit from complete access to your solution. Monitor your system's performance, plan maintenance activities and use additional digital services via Internet-capable devices.



Zumtobel CIRCLE



Momentary-action switch



Zumtobel CIRIA



LITECOM wall-mounted touch panel













# THE SYSTEM: EXTREMELY FLEXIBLE

MORE THAN A LIGHTING CONTROL SYSTEM.  
LITECOM IS INTELLIGENT, SCALABLE  
AND FLEXIBLE.

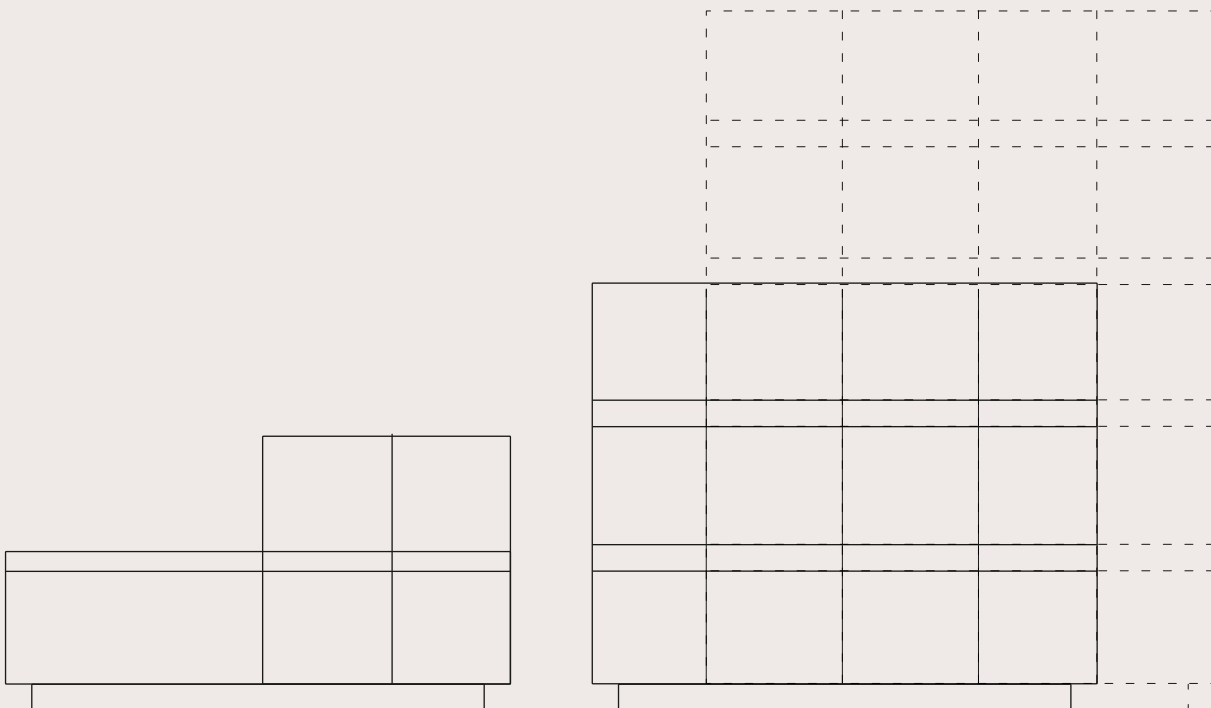
**One controller – many uses: Use one and the same controller for compact systems and large installations. Lighting management forms a single unit with your building and your building management system. LITECOM can easily be integrated in building management systems, connected to the Cloud for additional insights and used as the basis for the Internet of Things.**

# LITECOM ALWAYS FITS

NOW AND IN THE FUTURE.

Whether in a small installation or a large building. Whether as a central system or split into different areas. Whether you change your building or simply use it differently. Your LITECOM system can be installed, extended, split up and redesigned at any time. From autonomous lighting control on a single floor to building-wide systems that are integrated in building automation and control solutions.

When several controllers are used, the system is called "LITECOM infinity". For more information on LITECOM infinity, see [page 49](#).



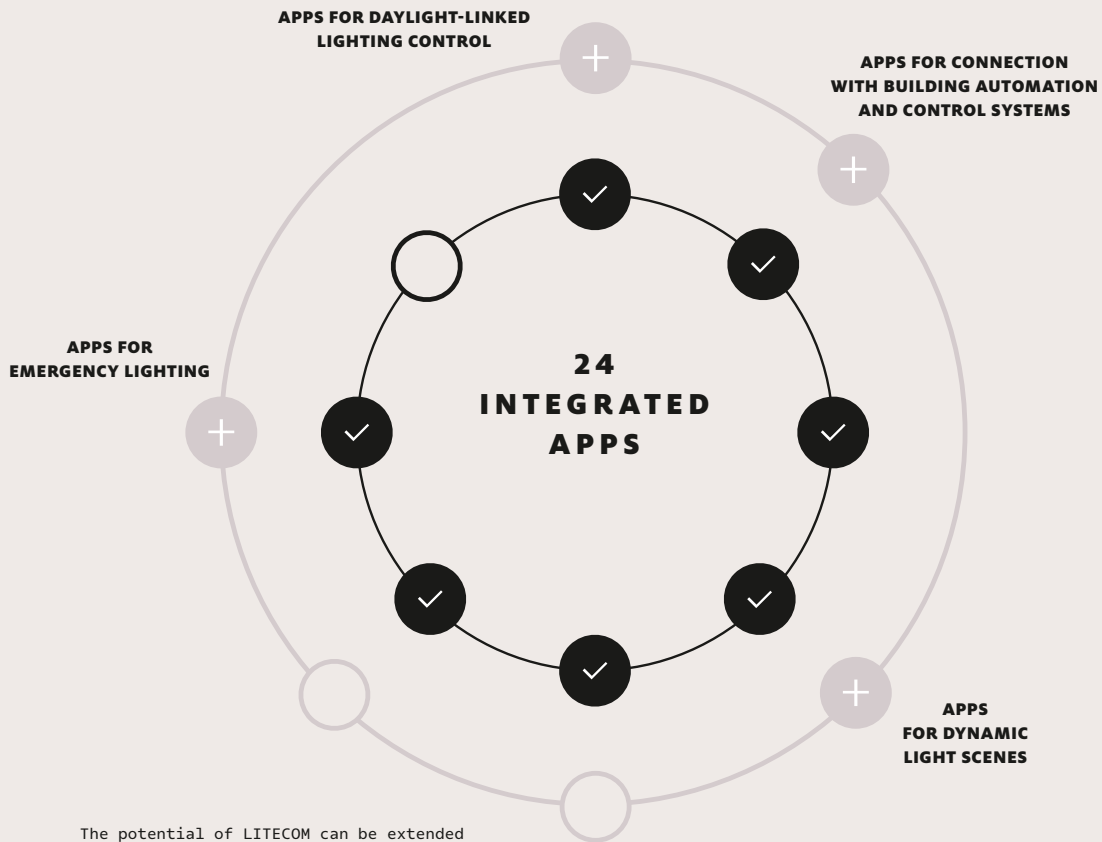
Start a LITECOM system with one controller, which is ideal for a small building or a single floor with up to 250 device addresses.

LITECOM grows with you. With LITECOM infinity, you can add additional controllers at any time and extend your system to up to 2500 device addresses with 15 controllers.

# LITECOM CAN DO MUCH MORE

AND EVEN BETTER. IT CAN DO IT WITH APPS.

All LITECOM controllers have fantastic software functions. And with our apps, you can add even more functions. Simply extend or specify the functionality, to tailor your system perfectly to your requirements. This app concept makes LITECOM future-proof, because we are continuously improving the system.



The potential of LITECOM can be extended flexibly. Add sensors, control windows and blinds, or connect to the Cloud to record data.

# INTELLIGENT FUNCTIONS WITH APPS

FREE WITH ALL CONTROLLERS.

**Every LITECOM controller comes with fantastic functions – the “apps”. And every LITECOM controller can be made even more intelligent to suit your requirements. Teach it new tricks all the time by simply adding functions.**



## **ADDRESSING WIZARD**

Short and sweet: This feature supports you with commissioning – in the easiest way possible. It guides you through the entire commissioning process for LITECOM step by step.



## **INSTALLATION TEST**

Immediately after installation, you can check whether all luminaires and other output devices are connected properly.



## **PRESENCE-LINKED CONTROL**

The presence of people is detected and the lighting activated in accordance with configured parameters. You can choose from a range of light scenes for presence and absence.



### CONDITIONAL SCENE RECALL

You choose your time-based control scenarios. Depending on events or calendar entries, you can decide on fixed times or variable activation schedules.



### LIGHT SCENES

Save the optimal settings for your lighting tasks. You can adapt pre-defined light scenes, create new lighting scenarios and add new features.



### PROTECTIVE FUNCTIONS

Unpleasant temperatures, strong wind or rain? No problem! Your windows will be closed and your blinds brought to a protective position – all automatically.



### USER MANAGEMENT

Ensure security and clarity. The interface only offers each user access to what they need.

## OPTIONAL APPS



### DAYLIGHT-LINKED CONTROL

By adapting your lighting level to daylight, you can achieve greater energy efficiency and visual comfort. To do this, choose one of the three options explained on [page 33](#).



### EMERGENCY LIGHTING

Control and monitor your emergency lighting centrally, so that you don't have to check battery-operated emergency luminaires manually.



### SHOWS: DYNAMIC LIGHT SCENES

Dynamically change the brightness and colours of the luminaires, the colour temperatures and the ratio of direct and indirect light. Even the position of blinds and screens can be written into a script.



### BACNET GATEWAY

BACnet is a communication protocol for building automation and control networks (BAC). Other systems and applications can use it to access data such as presence information, lighting levels and system parameters.

# THE VERSATILE CONTROLLER

A WHOLE HOST OF FUNCTIONS  
IN A COMPACT DESIGN.

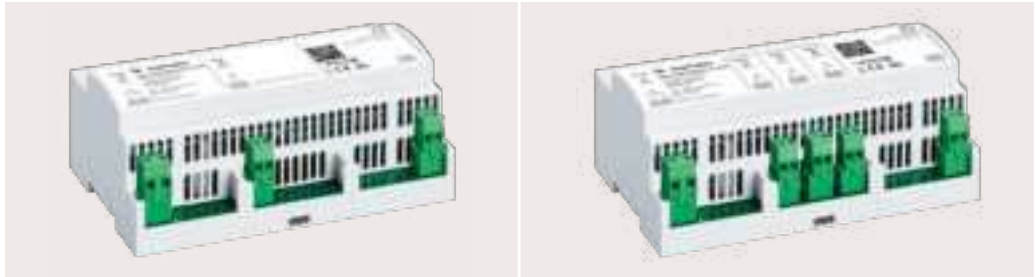


The LITECOM controller is located in a control cabinet and is the core element of any LITECOM system. Connect two or more controllers to the network and effortlessly create a distributed system – without a central automation server. That's why you don't need any servers or other IT infrastructure. Wiring is just as quick and flexible: Luminaires and other DALI devices are connected directly to one of the three DALI control lines. The LM-Bus also controls motorised actuators for elements such as blinds and connects control points. Thanks to its extendible architecture, the system is extremely future-proof. And that's not all. Integration in the local network does not require any additional modules, but provides web access for control and maintenance.



# LITECOM STATE OF THE ART

POWERFUL AND VERSATILE.



### LITECOM controller, 1-channel

### LITECOM controller, 3-channel

**Connection options:**

- 1 x DALI line with a capacity of:
- 100 bus loads (200 mA)
  - 64 DALI/DALI-2 actuators
  - 64 DALI-2 input devices (sensors, momentary-action switches, control units)
  - 64 eD input devices (sensors, momentary-action switches, control units)

- 3 x DALI lines, each with a capacity of:
- 100 bus loads (200 mA)
  - 64 DALI/DALI-2 actuators
  - 64 DALI-2 input devices (sensors, momentary-action switches, control units)
  - 64 eD input devices (sensors, momentary-action switches, control units)

1 x LM system bus without bus voltage supply  
 1 x Ethernet 100 Mbit/s; RJ45/CAT  
 Test switch and status LED for each DALI control line/each bus

**System limits:**

64/250 addresses per LITECOM controller;  
 up to 15 controllers with max. 2500 addresses

**Terminals:**

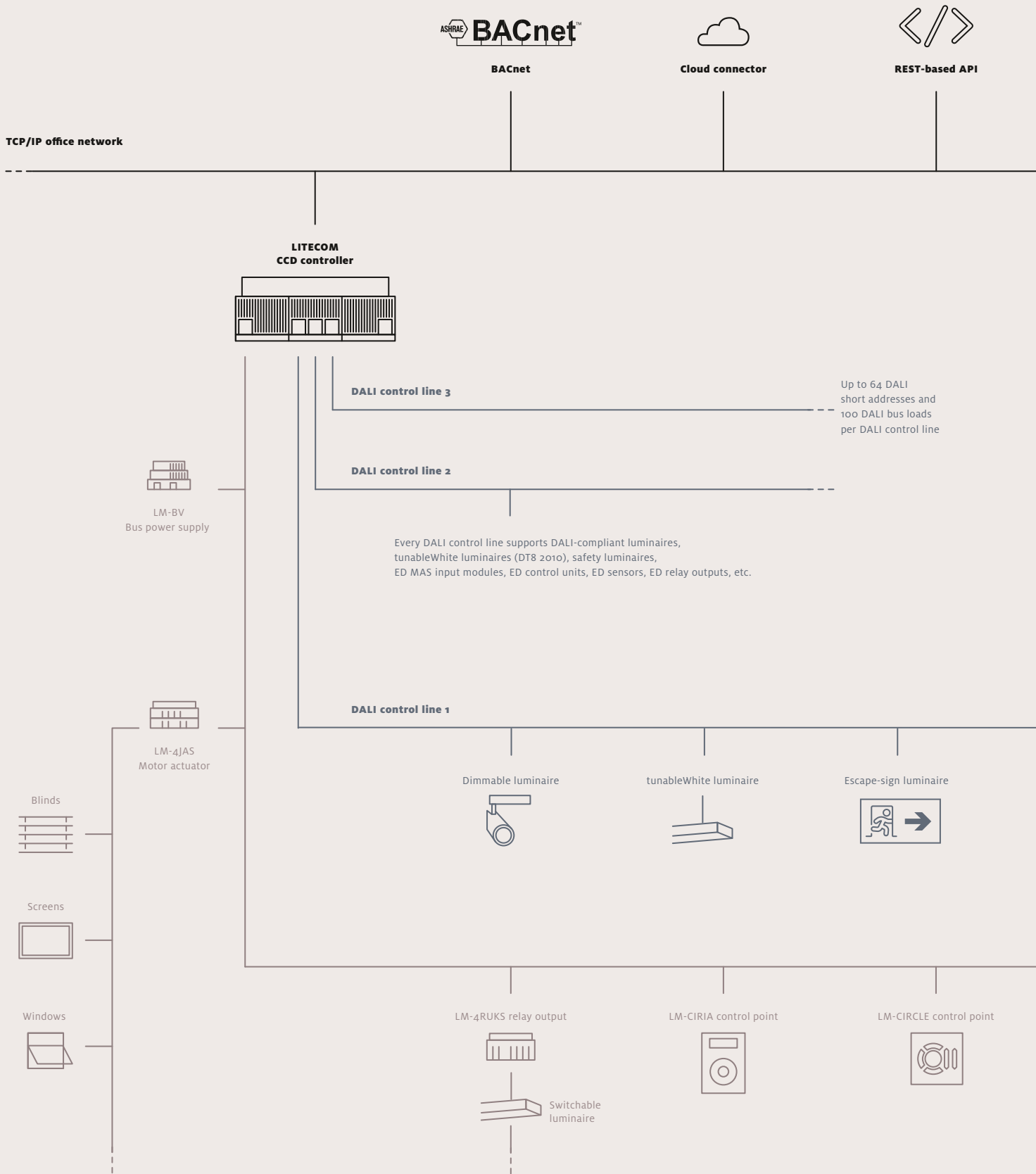
Pluggable screw terminals for single- or fine-stranded cables  
 with cross sections between 0.5 and 1.5 mm<sup>2</sup>

**Type of installation:**

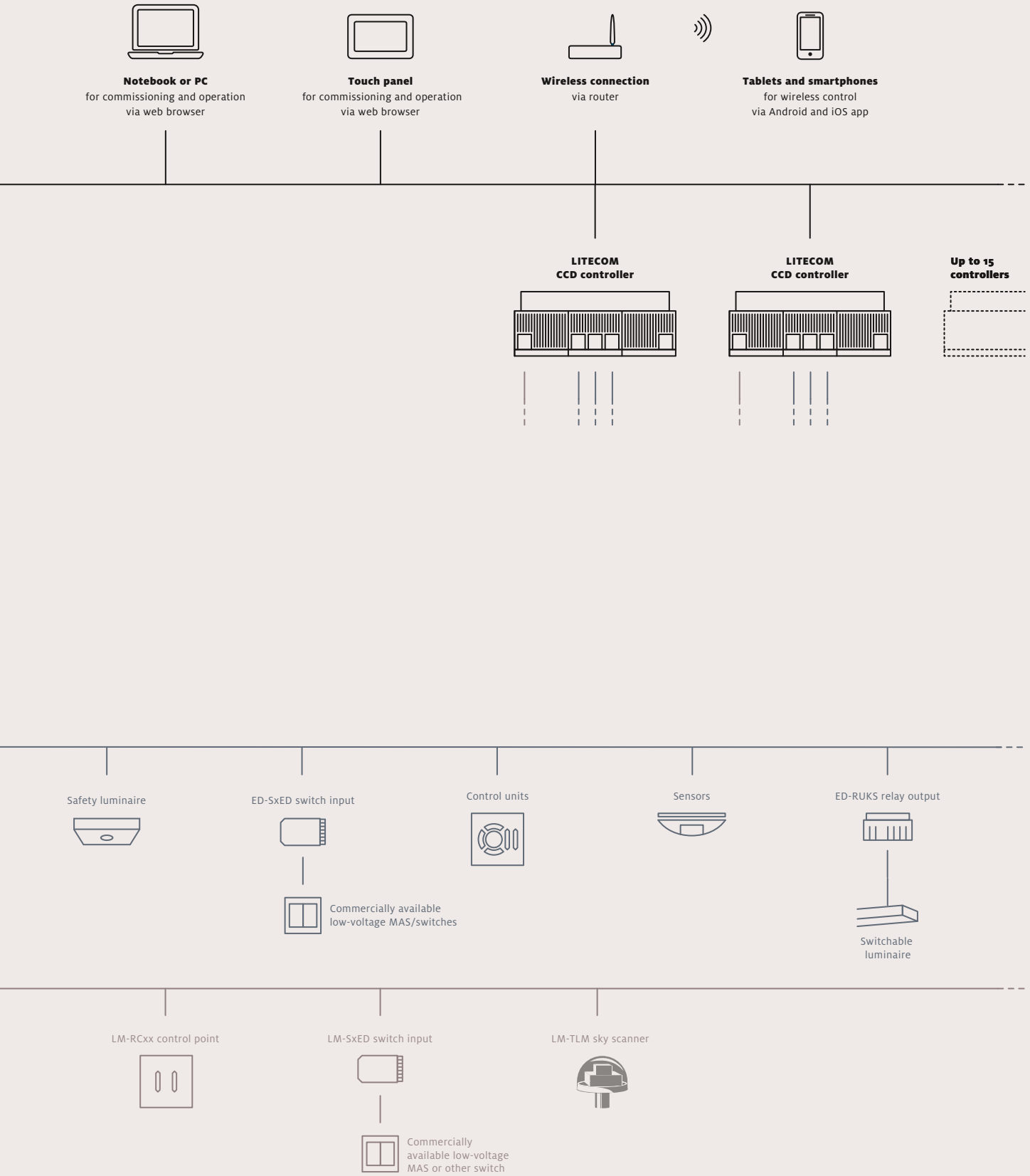
9 top-hat rail units  
 (35 mm top-hat rail according to EN 50022)

**Permissible cable lengths**

| Cable cross-section  | Max. cable length DALI                     |       | Max. cable length LM                       |     |
|----------------------|--|-------|--|-----|
|                      | In total with main lines in the same cable |       | In total with main lines in the same cable |     |
| 0.50 mm <sup>2</sup> | 100 m                                      | 100 m | 150 m                                      | 5 m |
| 0.75 mm <sup>2</sup> | 150 m                                      | 150 m | 250 m                                      | 5 m |
| 1.00 mm <sup>2</sup> | 200 m                                      | 200 m | 350 m                                      | 5 m |
| 1.50 mm <sup>2</sup> | 300 m                                      | 300 m | 500 m                                      | 5 m |



THE SYSTEM



# BASICDIM WIRELESS

THE WIRELESS LIGHTING CONTROL SYSTEM.

## WHY BASICDIM WIRELESS?

basicDIM Wireless is at home wherever state-of-the-art lighting without complex wiring is required, whether in a new building or existing space, for additional luminaires or a lighting conversion.

## THE SYSTEM INTERFACE

The basicDIM Wireless DALI gateway closes the gap between DALI and basicDIM Wireless, allowing wirelessly networked luminaires, switches and sensors to be used efficiently via LITECOM. Up to 64 luminaires can be controlled, including single-battery safety luminaires that are centrally monitored via LITECOM.

## WHAT IS BASICDIM WIRELESS?

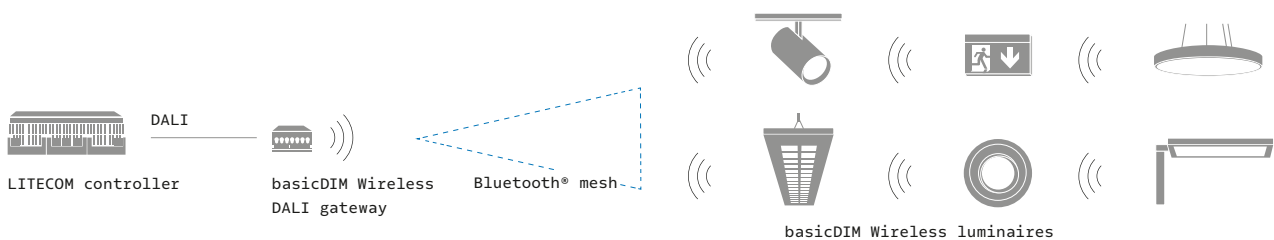
The basicDIM Wireless lighting controls for individual rooms comprise a luminaire with wireless module and app. Based on Bluetooth® Low Energy combined with its own intelligent mesh technology, Casambi's technology proves its worth. Numerous luminaires by Zumtobel and Thorn are available ex works with perfectly integrated wireless modules.



basicDIM Wireless  
DALI gateway



## CASAMBI



# BMLINK

INTELLIGENT LINKING.

## WHY BMLINK?

Technically complicated, costly or simply not yet complete? Whatever the reason why a control line is missing, bmLINK is a clever solution to installation problems. Without cables, but with high levels of compatibility. In new and existing systems. And when it comes to CRAFT and TECTON, bmLINK is even integrated into the luminaires at the manufacturing stage.



## BLUETOOTH® MESH

Just like DALI, Bluetooth® is a standardised protocol. Bluetooth® Mesh is writing a new chapter in the world of building automation, offering coverage that perfectly meets the requirements of modern lighting design. Bluetooth® Mesh enables signals to be relayed to the correct receiver via multiple subscribers, providing consistently high levels of network stability. In addition, encryption and authentication make sure all data is protected at all times.

## WHAT IS BMLINK?

bmLINK is a wireless solution for DALI systems like LITECOM, forming a bridge between classical DALI control devices and luminaires or the latest sensors with DALI ports. bmLINK takes advantage of the latest innovations with future-proof standards, harnessing cutting-edge technology like Bluetooth® Mesh, which automatically forwards signals to adjacent devices. This significantly increases both the range and the reliability of wireless communication.



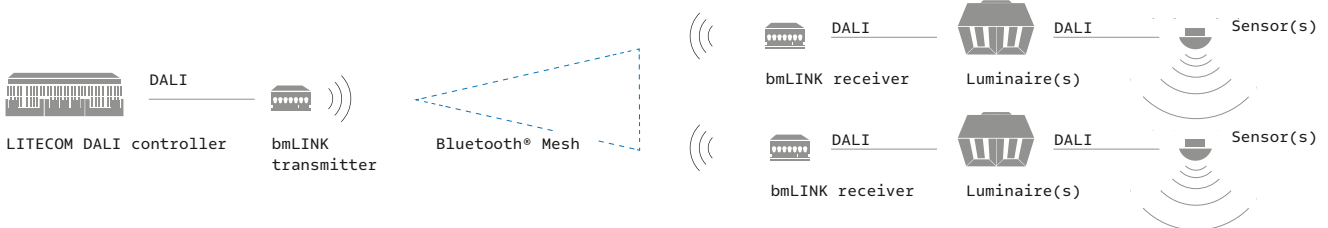
bmLINK mini  
Transmitter and receiver



bmLINK  
Transmitter and receiver with integrated  
DALI supply

**QUALIFIED  
BLUETOOTH®  
MESH**

Technology Partner  
**SILVAIR**



# BACNET

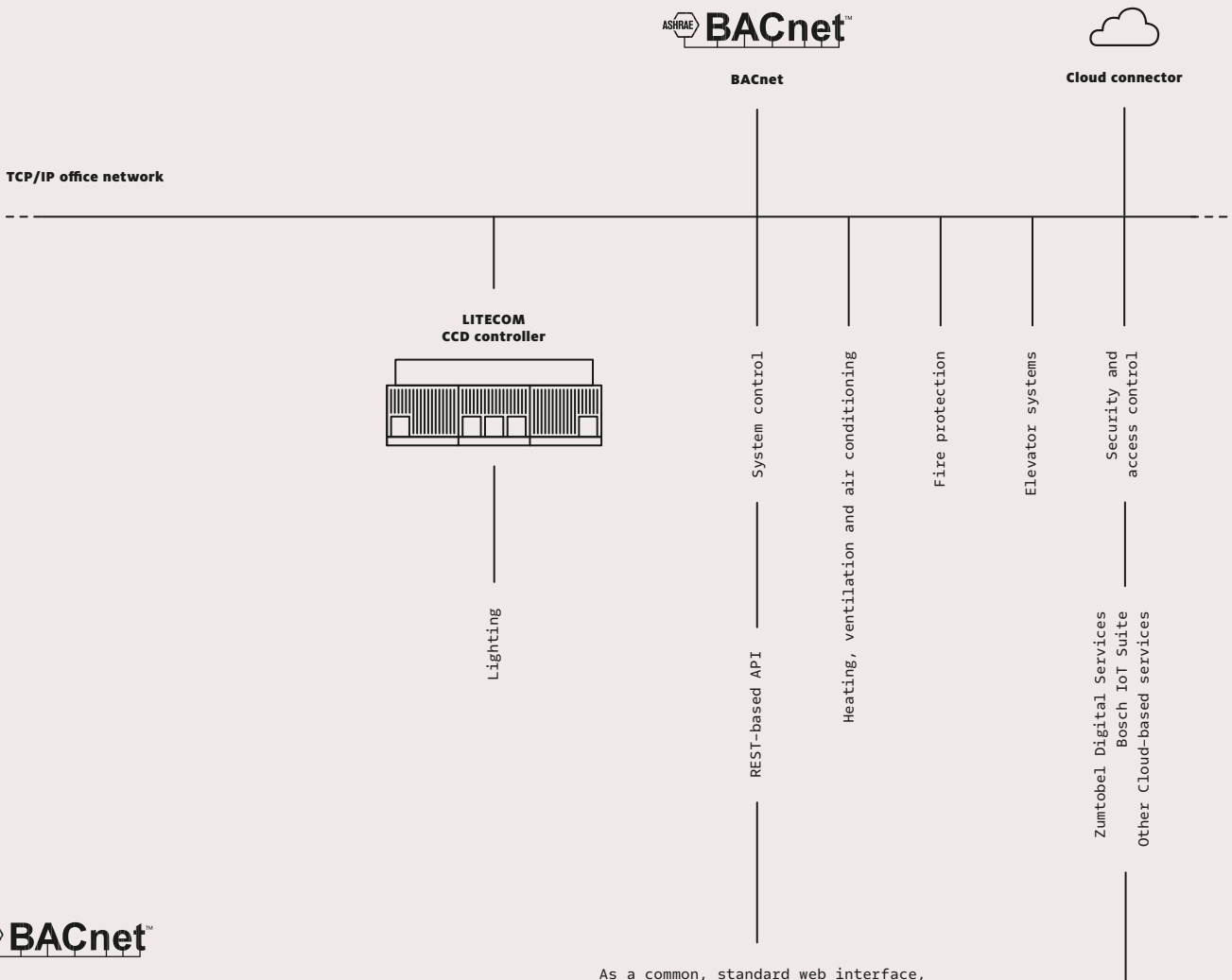
CONNECTION TO YOUR BUILDING AUTOMATION AND CONTROL SYSTEM.

## ALL IN ONE PLACE

BACnet is a protocol standard for data communication, which is often used for building automation and control networks. With BACnet, you can standardise communication between systems from different manufacturers and enable data exchange and collaboration. You can also supplement your building automation and control system with professional lighting management.

## UNLIMITED OPENNESS

The future is connected, and LITECOM is ready. With the integrated Cloud connector, you can easily activate our digital services and establish a connection with systems such as Bosch IoT Suite or other Cloud platforms and storage systems. In addition, we have a standard web interface, to link LITECOM with special systems or your own applications.



Connection with your building automation and control system via the **LITECOM BACNET APP**

As a common, standard web interface, the REST-based API offers a variety of options to connect LITECOM with other systems.

The Cloud connector transmits data by push to Cloud platforms.









# **LIGHT: EXTREMELY INTELLIGENT**

USER-ORIENTED AND ENERGY SAVING.

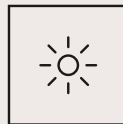


© Simon Kennedy

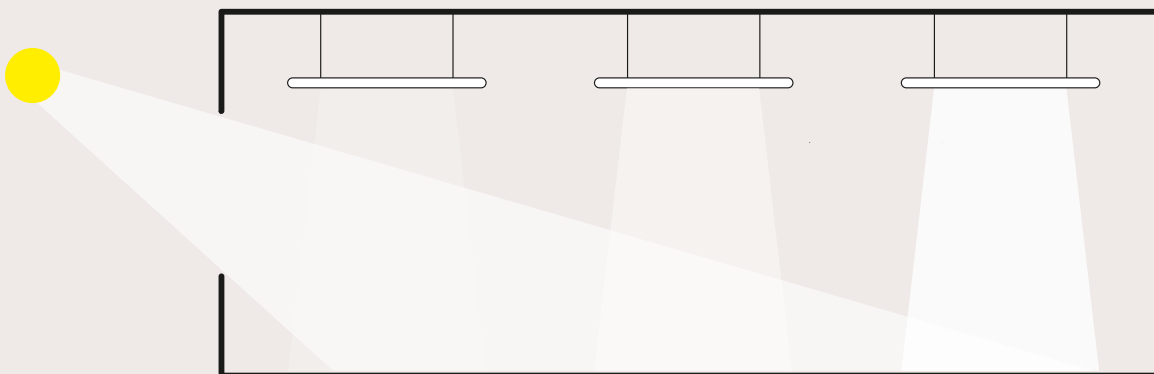
**LITECOM supports you with optimal use of your lighting. LITECOM stimulates with daylight, protects against glare and coordinates the lighting power with its requirements. So, LITECOM offers a perfect combination of daylight and artificial light.**

# THE BEST LIGHT IS FREE OF CHARGE

MAKE USE OF DAYLIGHT.



Daylight has been accompanying people since time began. It intuitively supports our natural rhythm, has a dynamic effect on our feelings and controls our internal body clock. LITECOM's high intelligence is based on exact measurements: How much daylight is available? How much artificial light has to be added? Is glare protection required?





**7:02 50 %** of the connected load

The natural morning sun cheers tired spirits. The luminaires compensate for a lack of brightness – with efficient light intensity according to the respective activity and the distance from the window.



**11:45 9.5 %** of the connected load

At noon, the sun is at its highest point. This can cause undesired glare and heating. Correctly positioned blind slats allow enough light into the room while luminaires directly in front of the window are significantly dimmed.



**15:07 34.5 %** of the connected load

LITECOM knows what to do even with horizontal incident rays, making optimal use of daylight and at the same time minimising adverse effects. Artificial light automatically ensures the right balance.



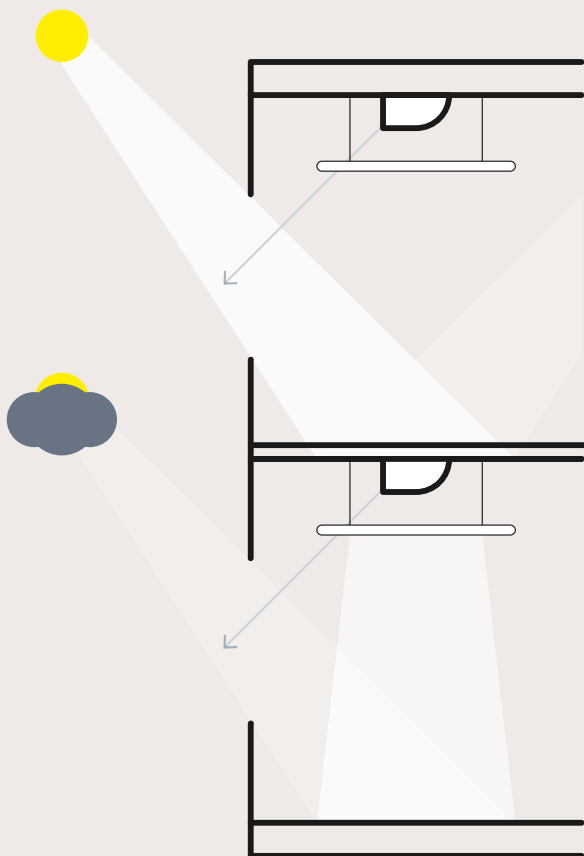
**19:17 86 %** of the connected load

A clear view through the open blinds draws the evening atmosphere into the room. Indirect light produces a pleasant background brightness. The visual task determines the right amount of direct light.

# ROOM-BASED LIGHTING MANAGEMENT

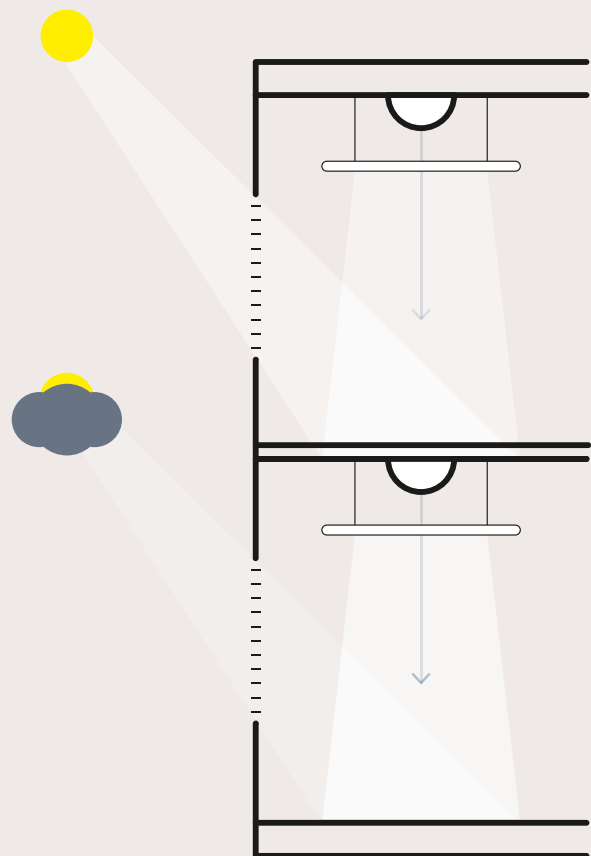
## OUTWARD-FACING SENSORS

These are ideal for smaller systems, as they are not sensitive to reflections or glare. Outward-facing sensors are suitable for all applications, even for high ceilings.



## DOWNWARD-FACING SENSORS

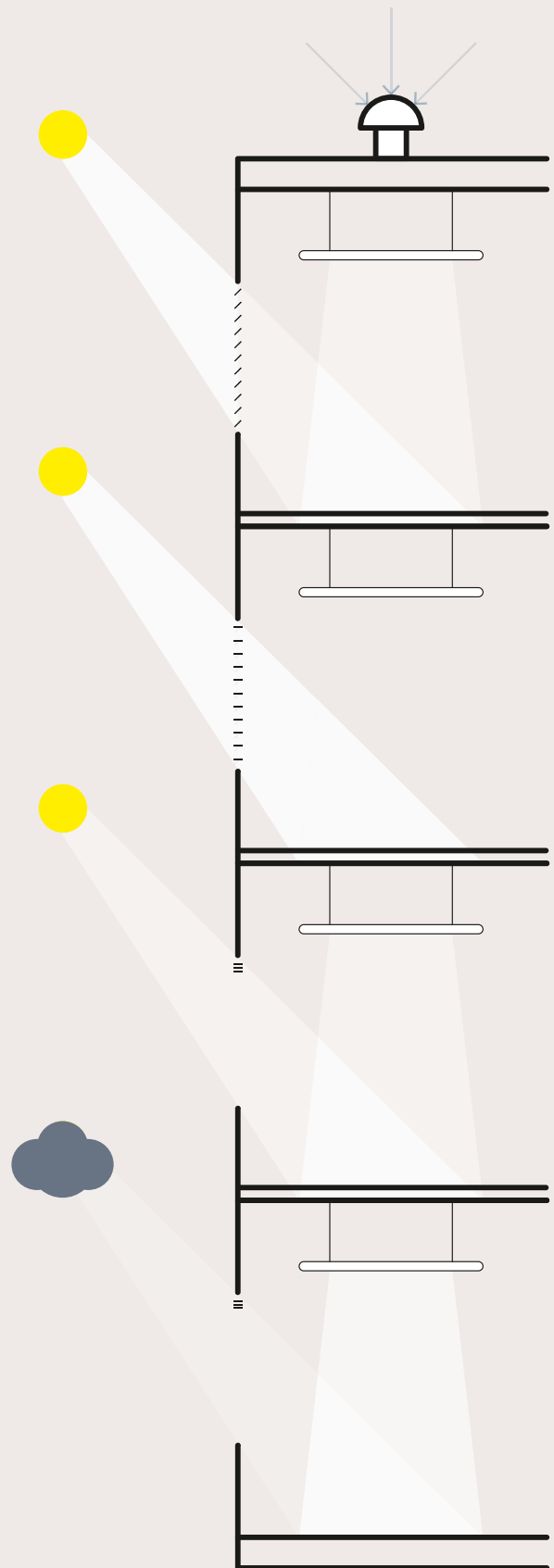
In some situations, it is not possible to operate outward-facing sensors easily. For these cases, we offer downward-facing sensors. These are suitable for rooms with blinds, for mobile luminaires with low detection levels or for integrated presence detection.



**Lighting management for the entire building:  
Maximum natural light and glare protection**

**SKY SCANNER**

This sky scanner is installed on the outside of the building and, every second, creates a photometric surround recording of the direct and indirect light distribution. The geographical location and the associated sun positions are stored for every installation. Based on all of this information, the lighting conditions in each room can be controlled accurately. The system calculates the quantity of natural light, whether or not the blinds should offer glare protection, and how much artificial light must be added to achieve perfect quality of light. For even more comfort, automatic blind control with glare protection can also be implemented.

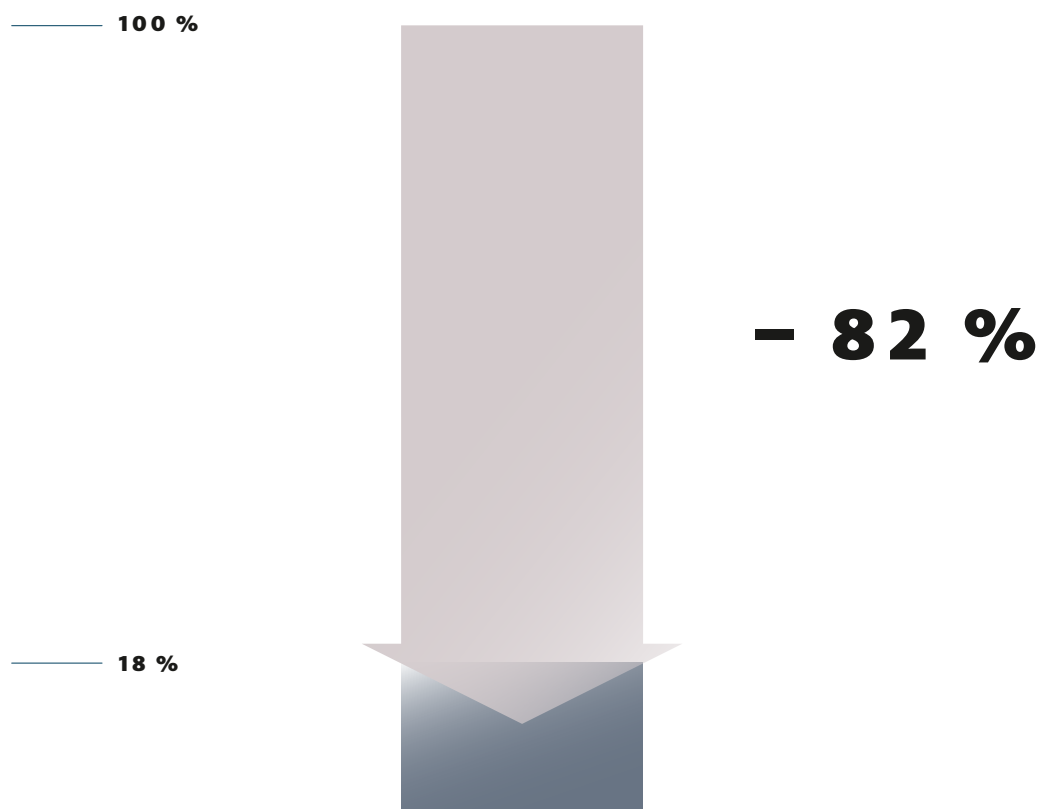


Daylight-linked control with the  
**LITECOM DAYLIGHT APP**

MINIMUM ENERGY COSTS  
AND MAXIMUM GLARE PROTECTION

# LOWER ENERGY CONSUMPTION

IN 5 SIMPLE STEPS.



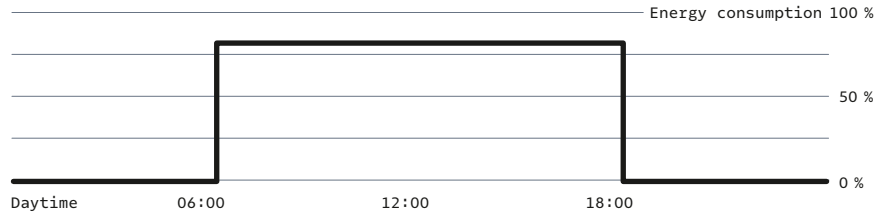
LITECOM saves energy and money, e.g. by switching off luminaires at specific times or when rooms are empty. Or by synchronising blinds with luminaires for optimal use of daylight. In this way, our intelligent lighting management system can reduce your energy consumption by up to 82%.

The scientific evidence that lighting management increases building efficiency is based on an actual office project:  
[zumtobel.com/PDB/Ressource/teaser/com-en/com/Study\\_Lightingmanagement\\_Barcelona.pdf](https://zumtobel.com/PDB/Ressource/teaser/com-en/com/Study_Lightingmanagement_Barcelona.pdf)

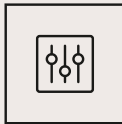
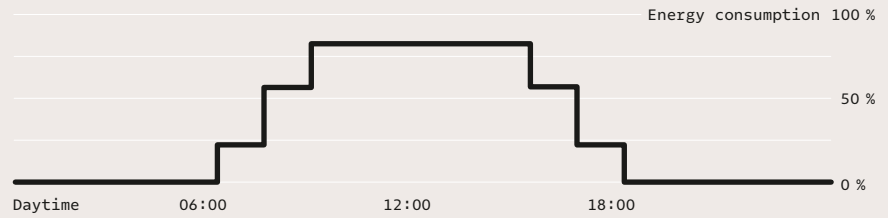
LIGHT



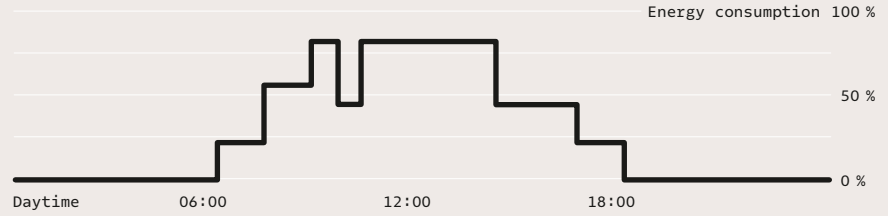
Efficient luminaires



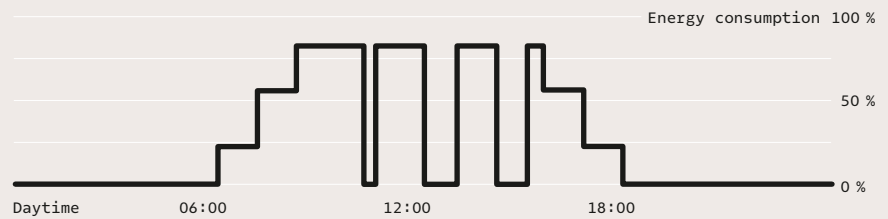
Time-based control  
**LITECOM BASIC APPS**



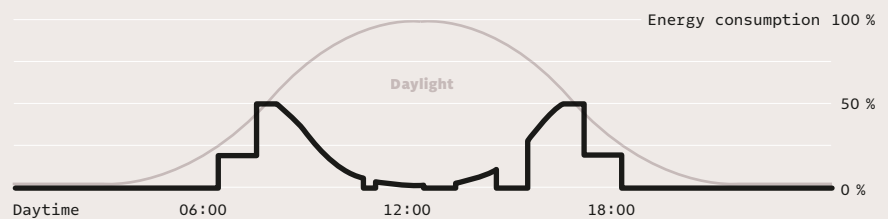
Light scenes  
**LITECOM BASIC APPS**



Presence-linked control  
**LITECOM BASIC APPS**



Daylight-linked control  
**LITECOM DAYLIGHT APP**

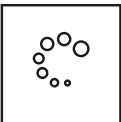


# HUMAN CENTRIC LIGHTING

MAKE A GREAT ROOM  
EVEN GREATER.

LITECOM offers scientifically developed, pre-defined sequences to support our day-night rhythm. By mimicking the naturally fluctuating Lux values and colour temperatures in our working environments, we promote activity in the morning and well-being during the working day – in particular for night-shift workers.

Thanks to the intuitive user guidance, dynamic lighting scenarios can be created really easily: Simply assign the required lighting properties and quantities to the relevant times of day. The system calculates all the required transitions and transmits these to the luminaires. When an office is split into different daylight zones, maximum efficiency is achieved without limiting the users' individual configuration options.



Dynamic light scenes with the  
**LITECOM SHOWS APP**

MORE INSPIRATION AND WELL-BEING FOR  
OFFICE AND COMMUNICATION

PRECISION, RELIABILITY AND SAFETY FOR  
INDUSTRY AND TECHNOLOGY

For more information on improving well-being, safety and productivity,  
see here: [zumtobel.com/com-en/active-light.html](https://zumtobel.com/com-en/active-light.html)





**In the morning: Natural sunlight has a stimulating effect. Additional luminaires with the corresponding intensity compensate for a lack of brightness.**

Colour temperature: 5000 K  
Total of natural and artificial illuminance: > 500 lx



**Throughout the day: Luminaires are adapted to the sun, heat and glare. And the blinds are, too.**

Colour temperature: 4000 K  
Total of natural and artificial illuminance: > 1000 lx



**In the evening: Indirect light ensures a pleasant background brightness. The intensity adapts to the respective activity.**

Colour temperature: 3000 K  
Total of natural and artificial illuminance: > 500 lx

# EMERGENCY LIGHTING APP

ONE-STOP SAFETY.

This app enables LITECOM to control and monitor emergency lighting alongside the general lighting, so that there is no need for the user to check self-contained emergency luminaires individually and on-site. Errors are reported immediately. LITECOM brings the systems together, making installation and operation easier and less time-consuming overall.

A functioning emergency escape lighting system isn't just required by law. The quality of luminaires and the supply system communicates a sense of responsibility towards employees, the property and the environment. LITECOM monitors the emergency lighting systems around the clock and all necessary test runs are performed automatically at regular intervals. In addition to the self-contained emergency and safety luminaires, general lighting luminaires can also be included in the emergency escape lighting. Monitoring of the emergency lighting system is much more convenient and reliable if it is networked via a DALI control line and connected to the LITECOM controller. The status of all luminaires is displayed in LITECOM, all messages, such as luminaire errors or battery faults, are recorded centrally and logged in the test book. LITECOM takes full responsibility for the emergency lighting system.

## ADVANTAGES

SHARED SYSTEM FOR  
GENERAL AND EMERGENCY LIGHTING

- 01** Lower procurement costs
- 02** Shared commissioning and maintenance
- 03** Less space required in the control cabinet
- 04** Significantly reduced wiring, as all emergency luminaires use the DALI control line of the general lighting
- 05** Everything from a single source

## **AUTOMATIC TESTS AND TEST REPORTS**

- 01** Automatic logging of all tests performed, with results in the electronic log book and storage of these for at least three years
- 02** Data storage directly on the controller in a format protected against manipulation
- 03** Freely configurable test cycles, with date and time
- 04** Possibility of triggering test functions manually from the controller or interrupting tests in progress

## **HIGH FUNCTIONALITY**

- 01** Illustration of all luminaires
- 02** Configuration with designation and addressing
- 03** Individually selectable switching type for each Zumtobel emergency luminaire
- 04** Freely programmable signalling contacts
- 05** System can be blocked for service work





# **FROM PROJECT DESIGN TO COMMISSIONING**

WITH MINIMAL EFFORT.

**You know what you need. And we make sure that you get it. All you need to do is specify your inputs and outputs. Our system calculates everything else automatically: From an order overview to circuit diagrams. We even carry out a plausibility check.**

# LITECOM DESIGN MANAGER

IT HAS NEVER BEEN EASIER  
TO PLAN A LIGHTING CONTROL SYSTEM.

## YOUR ONLY TASKS:

**01**

**ENTER SOME  
BASIC PROJECT  
INFORMATION**

**02**

**SELECT THE  
FUNCTIONALITY**

**03**

**CHOOSE THE  
OUTPUT DEVICES  
(E.G. LUMINAIRES  
AND BLINDS)**

**04**

**LIST YOUR  
INPUT DEVICES  
(E.G. CONTROL UNITS  
AND SENSORS)**

**With our LITECOM design manager, we offer a free and user-friendly planning tool, which accompanies you step by step on the journey from your lighting concept to a complete circuit diagram. You can easily keep an eye on the project and the associated offers.**

**AND WE EVEN PROVIDE ALL OF THE DOCUMENTS YOU NEED FOR YOUR PROJECT:**

- 01** Plausibility check
- 02** Overall circuit diagram
- 03** Order overview
- 04** Calculation of working hours (e. g. commissioning time)
- 05** Technical documents and data sheets for all required products

All of this information can be exported from the planning wizard.

**Download the wizard here:**  
**[zumtobel.com/com-en/downloads.html#software](http://zumtobel.com/com-en/downloads.html#software)**







# AN ADVANTAGE FOR YOUR PROJECT

UP TO 4 TIMES FASTER.



**49 MINUTES WITH KNX**



**JUST 13 MINUTES WITH  
LITECOM**

**Commissioning is a time factor.  
And time is money. That's why the  
installation and commissioning of  
a LITECOM system is quick, easy  
and reliable.**

For more details, see the full study at  
[zumtobel.com/PDB/Teaser/com-en/Study\\_LITECOM.pdf](http://zumtobel.com/PDB/Teaser/com-en/Study_LITECOM.pdf)

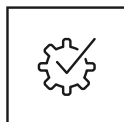
An independent study compared the commissioning time  
when using a KNX solution and a LITECOM solution.

# COMMISSIONING IN 5 STEPS

IT HAS NEVER BEEN EASIER.

**The addressing wizard integrated in every LITECOM controller guides you through commissioning step by step. Use any tablet or a computer, which is connected to your network.**

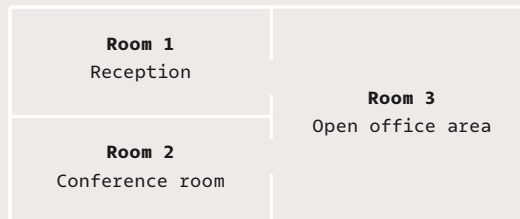
This will enable you to commission the system entirely by yourself and without the help of an expert. Basic functions, such as switching and dimming individual luminaires and groups of luminaires, as well as different light scenes, are available in an instant.



Addressing wizard and  
installation test with the  
**LITECOM BASIC APP**

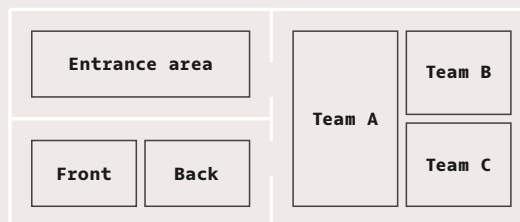
**01 ADD ROOMS**

Rooms form the basic structure for your lighting management.



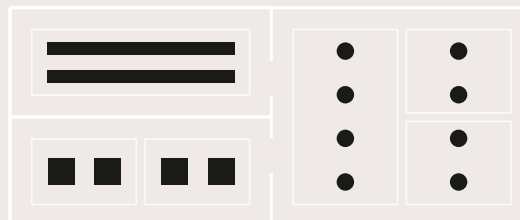
**02 ADD GROUPS**

Further develop your structure by adding useful groups within your rooms.



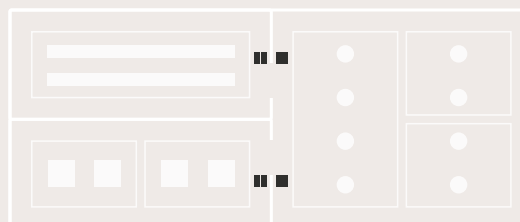
**03 ADD LUMINAIRES**

Localise individual luminaires and assign them consecutively.



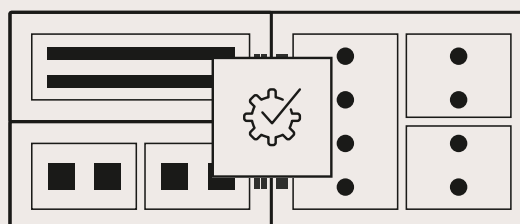
**04 ADD INPUT DEVICES**

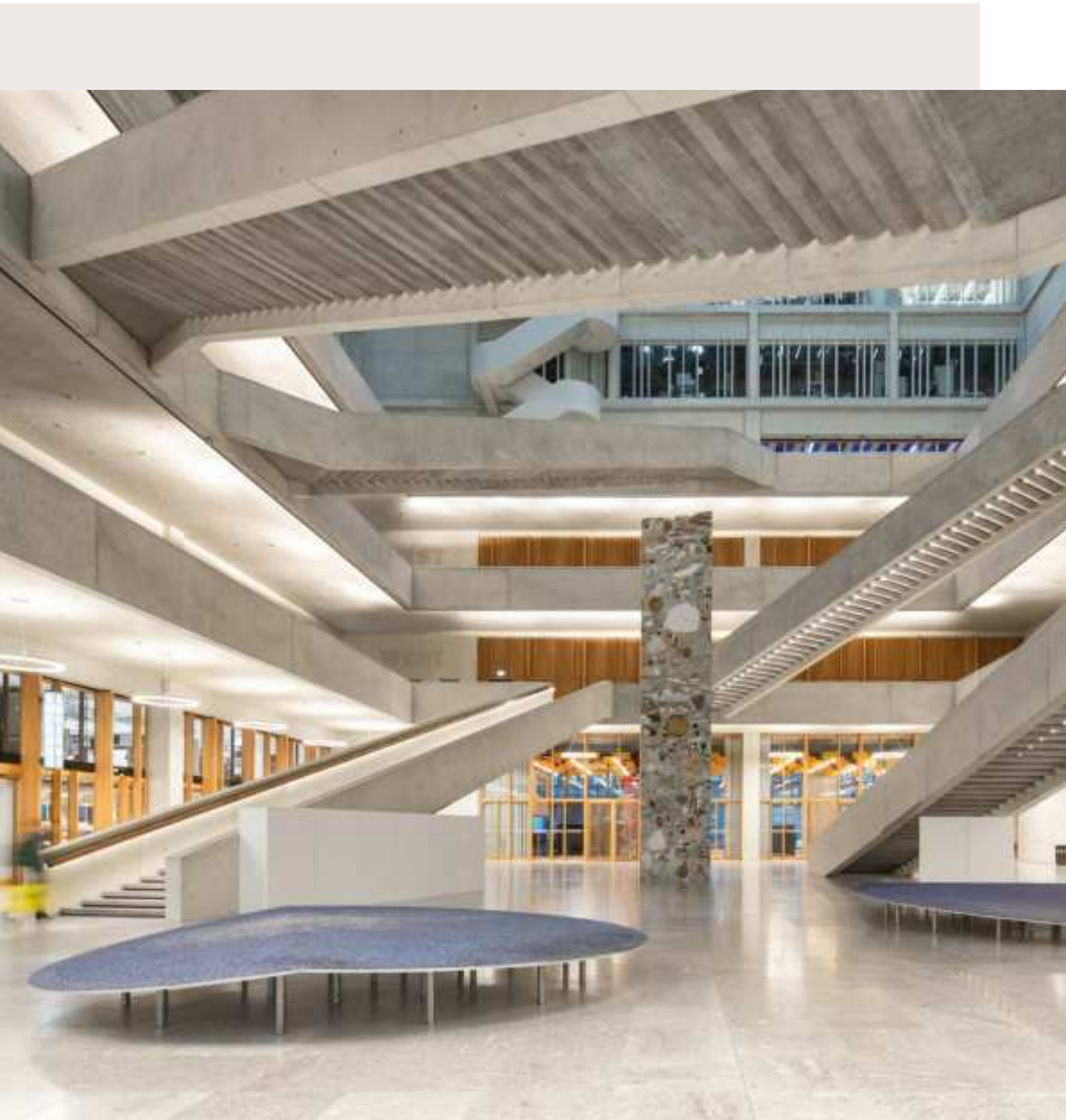
Assign control points and sensors independently of the wiring.



**05 TEST THE INSTALLATION**

Check which luminaires are already addressed and which are not yet addressed.





# THE CORE ELEMENT

EXTREMELY POWERFUL.



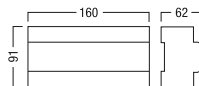
**The core element of LITECOM is our controller: small, versatile and intelligent, with an impressive range of connection options, and DALI-2-certified. We have created an entire ecosystem of components around the controller, which can be combined with any conceivable project.**

# HARDWARE



## LITECOM-CONTROLLER

|                       |            |
|-----------------------|------------|
| LITECOM CCD 1CH _____ | 22 171 471 |
| LITECOM CCD 3CH _____ | 28 000 258 |



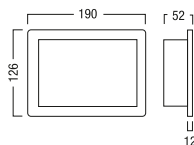
## LITECOM TOUCH PANEL

### Control panel for control and commissioning

|                               |            |
|-------------------------------|------------|
| LITECOM touch panel TCI _____ | 28 000 262 |
|-------------------------------|------------|

SUP24VDC/1.5 A power supply (24 V) \_\_\_\_\_ 22 161 814

WMB touch panel TCI, installation housing \_\_\_\_\_ 28 000 376



All order numbers are linked to our online product catalogue.  
LM = Luxmate-Bus ED = Enhanced DALI  
All sizes specified in mm

# APPS

All LITECOM controllers have fantastic software functions and an app option for even greater functionality. With LITECOM infinity, you can extend your system at any time by integrating more controllers. The following function comparison provides a brief overview.

|  | LITECOM APPS | LITECOM INFINITY APPS       |
|--|--------------|-----------------------------|
| <b>System limits</b>                                   |              |                             |
| Controllers  | 1            | 15                          |
| Device addresses                                       | 64/250       | 2500                        |
| <b>Apps</b>  |              |                             |
| Addressing wizard                                      | •            |                             |
| Conditional scene recall                               | •            | •                           |
| Installation test                                      | •            | •                           |
| Light scenes   | •            | •                           |
| Presence-linked control                                | •            | •                           |
| Protective functions                                   | •            | •                           |
| User management  | •            | •                           |
| Daylight-linked control <small>optional</small>        | •            | •                           |
| Emergency lighting <small>optional</small>             | •            | • (availability on request) |
| Shows <small>optional</small>                          | •            | •                           |
| BACnet gateway <small>optional</small>                 | •            | •                           |
| <b>Daylight-linked control <small>optional</small></b> |              |                             |
| Outward-facing sensors                                 | •            | •                           |
| Downward-facing sensors                                | •            | •                           |
| Sky scanner  |              | •                           |
| <b>Blind control <small>optional</small></b>           |              |                             |
| Manual   | •            | •                           |
| Blind automation                                       |              | •                           |

# BASIC APPS

## LITECOM BASIC APP

Free with all controllers



**BASIC FUNCTIONS**



**ADDRESSING WIZARD**



**INSTALLATION TEST**



**LIGHT SCENES**



**CONDITIONAL SCENE  
RECALL**



**PRESENCE-LINKED CONTROL**



**PROTECTIVE FUNCTIONS**



**USER MANAGEMENT**



# OPTIONAL APPS



## LITECOM INFINITY LICENCE

Extend your system

LITECOM INF BASE LICENCE \_\_\_\_\_ 22 169 787



## LITECOM DAYLIGHT LINKING

### LITECOM

LITECOM APP DL64 \_\_\_\_\_ 22 171 465

LITECOM APP DL250 \_\_\_\_\_ 22 169 157

### LITECOM infinity

LITECOM INF DAYLIGHT 250 \_\_\_\_\_ 22 169 599

LITECOM INF DAYLIGHT 500 \_\_\_\_\_ 22 169 600

LITECOM INF DAYLIGHT 1000 \_\_\_\_\_ 22 169 601

LITECOM INF DAYLIGHT 2000 \_\_\_\_\_ 22 169 602

### LITECOM infinity with sky scanner

LITECOM INF DAYLIGHT TLM 250 \_\_\_\_\_ 22 169 608

LITECOM INF DAYLIGHT TLM 500 \_\_\_\_\_ 22 169 609

LITECOM INF DAYLIGHT TLM 1000 \_\_\_\_\_ 22 169 610

LITECOM INF DAYLIGHT TLM 2000 \_\_\_\_\_ 22 169 611

Volume licences can be accumulated.



## LITECOM BLIND CONTROL

### LITECOM infinity

LITECOM INF BLIND MGMT 250 \_\_\_\_\_ 22 169 617

LITECOM INF BLIND MGMT 500 \_\_\_\_\_ 22 169 618

LITECOM INF BLIND MGMT 1000 \_\_\_\_\_ 22 169 619

LITECOM INF BLIND MGMT 2000 \_\_\_\_\_ 22 169 620

Volume licences can be accumulated.



## LITECOM SHOWS

### LITECOM

LITECOM APP Shows \_\_\_\_\_ 22 169 160

### LITECOM infinity

LITECOM INF SHOWS \_\_\_\_\_ 22 169 662

All order numbers are linked to our online product catalogue.

# OPTIONAL APPS



## LITECOM SPECIAL LUMINAIRES

### LITECOM

LITECOM APP SL \_\_\_\_\_ 22 169 151

### LITECOM infinity

LITECOM INF SL 250 \_\_\_\_\_ 22 169 626

LITECOM INF SL 500 \_\_\_\_\_ 22 169 627

LITECOM INF SL 1000 \_\_\_\_\_ 22 169 628

LITECOM INF SL 2000 \_\_\_\_\_ 22 169 629

Volume licences can be accumulated.



## LITECOM EMERGENCY LIGHTING

### LITECOM

LITECOM APP EC25 \_\_\_\_\_ 22 169 154

LITECOM APP EC50 \_\_\_\_\_ 22 169 156

LITECOM APP EC100 \_\_\_\_\_ 22 169 155

### LITECOM infinity

LITECOM INF Emergency 250 \_\_\_\_\_ 22 169 654

LITECOM INF Emergency 500 \_\_\_\_\_ 22 169 655

LITECOM INF Emergency 1000 \_\_\_\_\_ 22 169 656

LITECOM INF Emergency 2000 \_\_\_\_\_ 22 169 657

Availability on request. Volume licences can be accumulated.



## LITECOM BACNET

### LITECOM

LITECOM APP BACnet 50 \_\_\_\_\_ 22 170 744

LITECOM APP BACnet 100 \_\_\_\_\_ 22 170 745

### LITECOM infinity

LITECOM INF BACnet 100 \_\_\_\_\_ 22 170 716

LITECOM INF BACnet 500 \_\_\_\_\_ 22 169 636

LITECOM INF BACnet 1000 \_\_\_\_\_ 22 169 637

LITECOM INF BACnet 5000 \_\_\_\_\_ 22 169 639

Volume licences can be accumulated.

# OPERATION

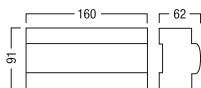


## DALI GATEWAY

Control cabinet

### Light actuator

Netlink CCD \_\_\_\_\_ 22 169 263



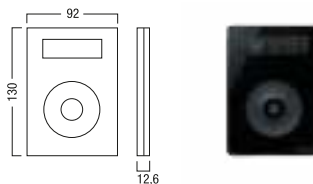
## LM-CIRIA

Control point installed in the wall

### Control device

LM-CIRIA BK, black \_\_\_\_\_ 22 162 348

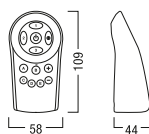
LM-CIRIA WH, white \_\_\_\_\_ 22 162 349



## INFRARED REMOTE CONTROL

### Remote control

IRTOUCH2 \_\_\_\_\_ 22 170 347



All order numbers are linked to our online product catalogue.  
LM = Luxmate-Bus ED = Enhanced DALI  
All sizes specified in mm

# OPERATION



## CIRCLE CONTROL UNITS

Square design, wall installation

### Brightness and blind

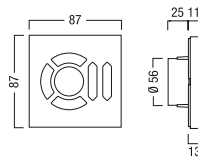
|                                |       |            |
|--------------------------------|-------|------------|
| LM-CCB 1/2/3 Li/Be, anthracite | _____ | 22 154 677 |
| LM-CCS 1/2/3 Li/Be, silver     | _____ | 22 154 675 |
| LM-CCW 1/2/3 Li/Be, white      | _____ | 22 154 676 |
| ED-CCB 1/2/3 Li/Be, anthracite | _____ | 22 154 665 |
| ED-CCS 1/2/3 Li/Be, silver     | _____ | 22 154 663 |
| ED-CCW 1/2/3 Li/Be, white      | _____ | 22 154 664 |

### 2 × brightness

|                                  |       |            |
|----------------------------------|-------|------------|
| ED-CCB 1/2/3 Li1/Li2, anthracite | _____ | 22 161 828 |
| ED-CCS 1/2/3 Li1/Li2, silver     | _____ | 22 154 657 |
| ED-CCW 1/2/3 Li1/Li2, white      | _____ | 22 154 658 |

### User-defined keys

|            |       |            |
|------------|-------|------------|
| LM-Cxx (V) | _____ | 28 000 006 |
| ED-Cxx (V) | _____ | 28 000 007 |



## BMLINK (BLUETOOTH®)

|                      |       |            |
|----------------------|-------|------------|
| bmLINK Sender        | _____ | 22 170 889 |
| bmLINK Receiver      | _____ | 22 170 890 |
| bmLINK mini Sender   | _____ | 22 170 891 |
| bmLINK mini Receiver | _____ | 22 170 892 |

# OPERATION



## LM ROCKER SWITCHES

Square design, wall installation

### 2 rocker switches, light

|                              |            |
|------------------------------|------------|
| LM-RCB2 Li, anthracite _____ | 22 161 843 |
| LM-RCS2 Li, silver _____     | 22 161 837 |
| LM-RCW2 Li, white _____      | 22 161 831 |

### 2 rocker switches, variant

|                               |            |
|-------------------------------|------------|
| LM-RCB2 (V), anthracite _____ | 22 161 844 |
| LM-RCS2 (V), silver _____     | 22 161 838 |

### 3 rocker switches, light

|                              |            |
|------------------------------|------------|
| LM-RCB3 Li, anthracite _____ | 22 161 884 |
| LM-RCS3 Li, silver _____     | 22 161 839 |

### 3 rocker switches, variant

|                               |            |
|-------------------------------|------------|
| LM-RCB3 (V), anthracite _____ | 22 161 885 |
| LM-RCS3 (V), silver _____     | 22 161 840 |
| LM-RCW3 (V), white _____      | 22 161 834 |

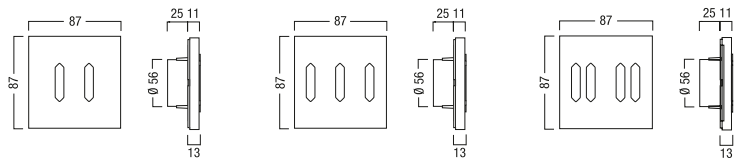
### 4 rocker switches, light

|                              |            |
|------------------------------|------------|
| LM-RCB4 Li, anthracite _____ | 22 161 886 |
| LM-RCS4 Li, silver _____     | 22 161 841 |

### 4 rocker switches, variant

|                               |            |
|-------------------------------|------------|
| LM-RCB4 (V), anthracite _____ | 22 161 887 |
| LM-RCS4 (V), silver _____     | 22 161 842 |
| LM-RCW4 (V), white _____      | 22 161 836 |

|  |            |
|--|------------|
| SUP24VDC/1.5 A power supply (24 V) _____ | 22 161 814 |
|--|------------|



All order numbers are linked to our online product catalogue.  
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 All sizes specified in mm

# INPUT DEVICES



## INPUT (MOMENTARY-ACTION SWITCH, SWITCH, ETC.)

Control cabinet

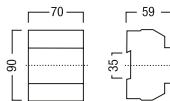
### 4 inputs for motion detection

LM-4AWS, 230 V AC \_\_\_\_\_ 22 154 488

### 4 universal inputs

LM-4UAS, 230 V AC \_\_\_\_\_ 22 154 732

LM-4UAS2, 24 V AC \_\_\_\_\_ 22 154 734

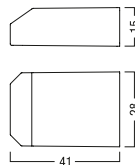


## 4-WAY INPUT

Switch, switch/dimmer, cycles, built-in

ED-SxED 4-fach \_\_\_\_\_ 22 176 716

LM-SxED 4-fach \_\_\_\_\_ 22 185 326

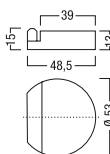


## UNIVERSAL INPUT (MOMENTARY-ACTION SWITCH)

Installed in luminaire/ceiling

### Universal input

LM-4UAD \_\_\_\_\_ 22 154 508



# CONTROL DEVICES

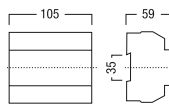


## DALI CONTROL UNIT

LM-Bus, control cabinet

### Control device

LM-DALIS \_\_\_\_\_ 22 146 963

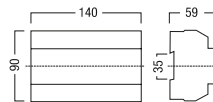


## DALI CONTROL MODULE

LM-Bus, momentary-action switch, control cabinet

### Control device

LM-3DLIS 3x20 \_\_\_\_\_ 22 169 983

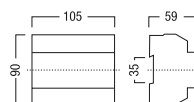


## ANALOGUE CONTROL MODULE

LM-Bus, control cabinet

### Control device

LM-2ANAS \_\_\_\_\_ 22 115 166



All order numbers are linked to our online product catalogue.  
LM = Luxmate-Bus ED = Enhanced DALI  
All sizes specified in mm

# PHASE DIMMER

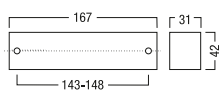


## PHASE DIMMER

DALI/DSI/momentary-action switch  
installed in luminaire/ceiling

### Phase dimmer

APDX-500 phase section \_\_\_\_\_ 22 154 224

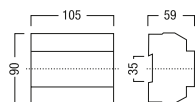


## PHASE DIMMER

DALI/DSI/momentary-action switch, control cabinet

### Phase dimmer

APDS-1000 phase section \_\_\_\_\_ 22 154 223





# LIGHT ACTUATOR



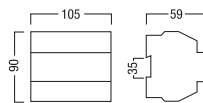
## RELAY OUTPUT

DALI, installation

### Relay output

ED-1RUK, 1 output \_\_\_\_\_ 22 169 938

ED-4RUKS, 4 outputs \_\_\_\_\_ 22 169 939



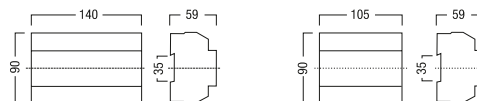
## RELAY OUTPUT

LM-Bus, control cabinet

### Relay output

LM-3RUKS, 3 outputs \_\_\_\_\_ 20 735 397

LM-4RUKS, 4 outputs \_\_\_\_\_ 22 154 120



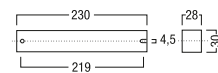
## RELAY OUTPUT

LM-Bus, installed in luminaire/ceiling

### Relay output

LM-1RUK, 1 output \_\_\_\_\_ 22 115 010

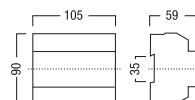
LM-2RUKS, 2 outputs \_\_\_\_\_ 22 114 777



## RELAY OUTPUT MODULE

LM-Bus, for installation in the control cabinet

LM-2WKS \_\_\_\_\_ 22 185 306



All order numbers are linked to our online product catalogue.  
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All sizes specified in mm

# BLIND CONTROL

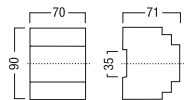


## CONTROL UNIT FOR BLINDS, 4X

LM-Bus, control cabinet

### Control device

LM-4JAS \_\_\_\_\_ 22 162 346

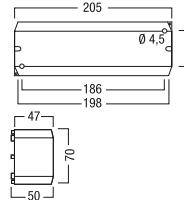


## CONTROL UNIT FOR BLINDS, 2X

LM-Bus, momentary-action switch

### Control device

LM-2JASX \_\_\_\_\_ 22 162 347



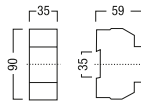
# BUS SUPPLY



## BUS SUPPLY ROOM

Control cabinet

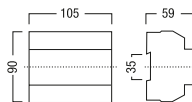
LM-BVS35 \_\_\_\_\_ 22 115 026



## BUS SUPPLY BUILDING

Control cabinet

LM-BV \_\_\_\_\_ 20 975 247



All order numbers are linked to our online product catalogue.  
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All sizes specified in mm

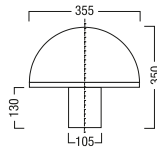
# SENSORS



## SKY SCANNER

Light

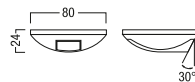
LM-TLM \_\_\_\_\_ 20 724 105



## ED SENSOR

Light, surface-mounted on the ceiling

ED-EYE light sensor \_\_\_\_\_ 22 154 682



## SENSOR

Radio, on-wall mounting/surface-mounted on the ceiling

### Sensor

LM-RFR \_\_\_\_\_ 22 154 466

### Switching unit

H5001-A210 1-way MAS by EnOcean, white \_\_\_\_\_ 22 154 638

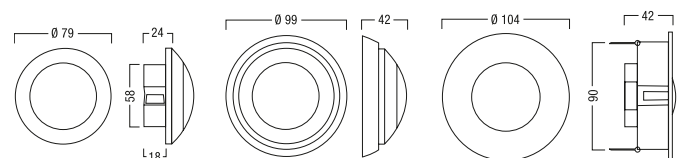
H5001-A211 1-way MAS by EnOcean, anthracite \_\_\_\_\_ 22 154 637

H5001-A212 1-way MAS by EnOcean, aluminium \_\_\_\_\_ 22 154 639

H5001-A230 2-way MAS by EnOcean, white \_\_\_\_\_ 22 154 636

H5001-A231 2-way MAS by EnOcean, anthracite \_\_\_\_\_ 22 154 635

H5001-A232 2-way MAS by EnOcean, anthracite \_\_\_\_\_ 22 154 634



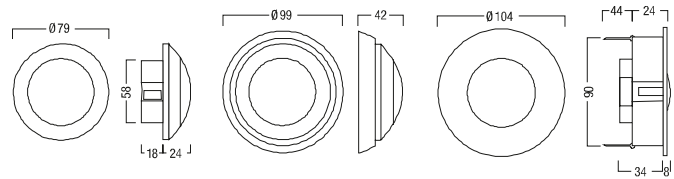
# INFRARED SENSORS



## SENSOR

Infrared, presence, on-wall mounting/surface-mounted on the ceiling

ED-SENS presence and infrared sensor \_\_\_\_\_ 22 154 506

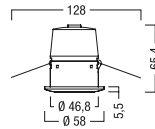


## SENSOR

Passive infrared, presence, light

ED-SENS mini CR \_\_\_\_\_ 22 170 200

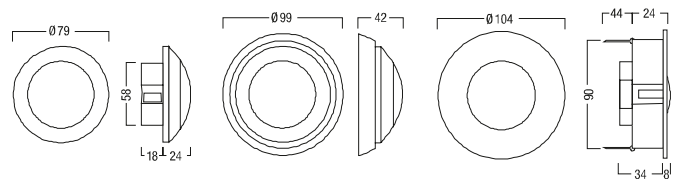
ED-SENS mini CM \_\_\_\_\_ 22 170 201



## SENSOR

Infrared, on-wall mounting/surface-mounted on the ceiling

ED-IR infrared sensor \_\_\_\_\_ 22 161 823



## DALI-2 SENSOR

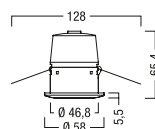
Recessed in ceiling/surface-mounted on ceiling/luminaire fixture

MSensor G3 SRC 30 PIR 5DPI \_\_\_\_\_ 28 002 386

MSensor G3 SSM 30 5DPI \_\_\_\_\_ 28 002 878

MSensor G3 SSM 30 10DPI \_\_\_\_\_ 28 002 879

MSensor G3 SFI 30 PIR 16DPI \_\_\_\_\_ 28 002 234



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All sizes specified in mm

# SENSOR INPUT



## SENSOR INPUT (WEATHER)

Control cabinet

### Sensor input

LM-4WZS \_\_\_\_\_ 22 154 128

### Sensor

LM-SN rain sensor \_\_\_\_\_ 22 154 283

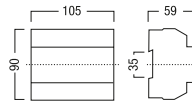
LM-SR wind direction sensor \_\_\_\_\_ 22 154 285

LM-ST temperature sensor \_\_\_\_\_ 22 154 284

LM-SW wind speed sensor \_\_\_\_\_ 22 154 286

### Basic package

LM-SB basic package for sensor installation \_\_\_\_\_ 22 154 282

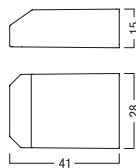


## SENSOR INPUT (PRESENCE)

Installed in luminaire/ceiling

### 1 universal input

ED-1AWSD \_\_\_\_\_ 22 169 874



All order numbers are linked to our online product catalogue.  
LM = Luxmate-Bus ED = Enhanced DALI  
All sizes specified in mm



# T H E L I G H T



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