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.

Download the free LITECOM app for mobile 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.
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.
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.
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.
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.

---

**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 31.

**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 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.

CONNECTION OPTIONS
3 × DALI control lines with voltage supply
   120 bus loads (240 mA) per control line, 64 DALI devices per control line, 64 DALI ED devices per control line
1 × LM system bus without bus power supply
1 × Ethernet 100 MBit/s, RJ45/CAT
   Test switch and status LED for each DALI control line/each bus

SYSTEM LIMITS
250 addresses per LITECOM controller; up to 15 controllers with max. 2500 addresses

POLES
Pluggable screw terminals for single- or fine-stranded cables with cross-sections of between 0.5 and 1.5 mm

TYPE OF INSTALLATION
9 units of top-hat rails (35 mm top-hat rail acc. to EN 50022)

<table>
<thead>
<tr>
<th>Cable cross-section</th>
<th>Max. cable length DALI</th>
<th>Max. cable length LM</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>In total with main lines</td>
<td>In total with main lines</td>
</tr>
<tr>
<td></td>
<td>in the same cable</td>
<td>in the same cable</td>
</tr>
<tr>
<td>0.50 mm²</td>
<td>100 m</td>
<td>150 m</td>
</tr>
<tr>
<td>0.75 mm²</td>
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<td>350 m</td>
</tr>
<tr>
<td>1.50 mm²</td>
<td>300 m</td>
<td>500 m</td>
</tr>
</tbody>
</table>
TCP/IP office network

**LITECOM**

**CCD controller**

**DALI control line 1**

- **Dimmable luminaire**
- **tunableWhite luminaire**
- **Escape-sign luminaire**

**DALI control line 2**

**DALI control line 3**

Every DALI control line supports DALI-compliant luminaires, tunableWhite luminaires (DT8 2010), safety luminaires, ED MAS input modules, ED control units, ED sensors, ED relay outputs, etc.

**Up to 64 DALI short addresses and 120 DALI bus loads per DALI control line**

**LM-BV**

Bus power supply

**LM-4JAS**

Motor actuator

**Blinds**

**Screens**

**Windows**

**LM-CIRIA control point**

**LM-CIRCLE control point**

**LM-4RUKS relay output**

**Switchable luminaire**

**EDA**

ED RUKS relay output

Sensors

Dimmable luminaire

Control units

ED-SxED switch input

Commercially available low-voltage MAS or other switches

**REST-based API**

- **Notebook or PC**
- **Touch panel**
- **BACnet Cloud connector**
- **TCP/IP office network**
- **Wireless connection via router**
- **Tablets and smartphones for wireless control via Android and iOS app**

**BACnet**

**Cloud connector**

**</>**

**Up to 15 controllers**

COMMERCIALLY AVAILABLE

LOW-VOLTAGE

MAS OR OTHER SWITCHES

THE SYSTEM
THE SYSTEM

- Notebook or PC for commissioning and operation via web browser
- Touch panel for commissioning and operation via web browser
- Wireless connection via router
- Tablets and smartphones for wireless control via Android and iOS app

LITECOM CCD controller

- Up to 15 controllers

DALI control line/1
- DALI control line/2
- DALI control line/3

LM-BV
Bus power supply
LITECOM
CCD controller
Blinds
Screens
Windows LM-CIRIA control point LM-CIRCLE control point LM-RCxx control point

Up to 64/uni DALI short addresses and 120/uni DALI bus loads per DALI control line

LM-4JAS
Motor actuator

LM-SxED switch input LM-TLM sky scanner

Commercially available low-voltage MAS or other switch

REST-based API

Notebook or PC for commissioning and operation via web browser

Touch panel for commissioning and operation via web browser

Tablets and smartphones for wireless control via Android and iOS app

Wireless connection via router

Commercially available low-voltage MAS switches

ED-SxED switch input

Control units

Sensors

Switchable luminaire

ED-RUKS relay output

Safety luminaire

ED-SxED switch input

Control units

Sensors

ED-RUKS relay output

Switchable luminaire

ED-MAS input modules, ED control units, ED sensors, ED relay outputs, etc.

Every DALI control line supports DALI-compliant luminaires, tunable white luminaires (DT8 2010), safety luminaires, ED MAS input modules, ED control units, ED sensors, ED relay outputs, etc.

Tablets and smartphones for wireless control via Android and iOS app

Wireless connection via router

Commercially available low-voltage MAS or other switch

ED-SxED switch input

Touch panel for commissioning and operation via web browser

REST-based API

Notebook or PC for commissioning and operation via web browser

TLS-based API

Notebook or PC for commissioning and operation via web browser

Touch panel for commissioning and operation via web browser

Tablets and smartphones for wireless control via Android and iOS app
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.

QUALIFIED BLUETOOTH® MESH TECHNOLOGY PARTNER

SILVAIR
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.

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.

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.
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?

THE BEST LIGHT IS FREE OF CHARGE

MAKE USE OF DAYLIGHT.
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.

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.

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.

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.
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**
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
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
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
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
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.

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

For more details, see the full study at zumtobel.com/PDB/Teaser/com-en/Study_LITECOM.pdf
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.
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 of LITECOM is our controller: small, versatile, intelligent and with an impressive range of connection options. We have created an entire ecosystem of components around the controller, which can be combined with any conceivable project.
## HARDWARE

### LITECOM-CONTROLLER

<table>
<thead>
<tr>
<th>Description</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>LITECOM CCD</td>
<td>28 000 258</td>
</tr>
</tbody>
</table>

### LITECOM TOUCH PANEL

Control panel for control and commissioning

<table>
<thead>
<tr>
<th>Description</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>LITECOM touch panel TCI</td>
<td>28 000 262</td>
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<tr>
<td>SUP24VDC/1.5 A power supply (24 V)</td>
<td>22 161 814</td>
</tr>
<tr>
<td>WMB touch panel TCI, installation housing</td>
<td>28 000 376</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>System limits</th>
<th>LITECOM APPS</th>
<th>LITECOM INFINITY APPS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Controllers</td>
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</tr>
<tr>
<td>Device addresses</td>
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</tbody>
</table>

**Apps**

- Addressing wizard
- Conditional scene recall
- Installation test
- Light scenes
- Presence-linked control
- Protective functions
- User management
- Daylight-linked control optional
- Emergency lighting optional (availability on request)
- Shows optional
- BACnet gateway optional

**Daylight-linked control optional**

- Outward-facing sensors
- Downward-facing sensors
- Sky scanner

**Blind control optional**

- 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

<table>
<thead>
<tr>
<th>LICENCE</th>
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</thead>
<tbody>
<tr>
<td>LITECOM INF BASE LICENCE</td>
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### LITECOM DAYLIGHT LINKING

<table>
<thead>
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<tbody>
<tr>
<td>LITECOM</td>
<td>22 169 157</td>
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<td>LITECOM APP DL250</td>
<td>22 169 157</td>
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<tr>
<td>LITECOM infinity</td>
<td>22 169 599</td>
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<td>LITECOM INF DAYLIGHT 250</td>
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<tr>
<td>LITECOM INF DAYLIGHT 2000</td>
<td>22 169 602</td>
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</table>

**Volume licences can be accumulated.**

### LITECOM BLIND CONTROL

<table>
<thead>
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<tbody>
<tr>
<td>LITECOM infinity</td>
<td>22 169 617</td>
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<tr>
<td>LITECOM INF BLIND MGMT 250</td>
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<tr>
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<tr>
<td>LITECOM INF BLIND MGMT 2000</td>
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**Volume licences can be accumulated.**

### LITECOM SHOWS

<table>
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</thead>
<tbody>
<tr>
<td>LITECOM</td>
<td>22 169 160</td>
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<tr>
<td>LITECOM APP Shows</td>
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<tr>
<td>LITECOM infinity</td>
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All order numbers are linked to our online product catalogue.
OPTIONAL APPS

**LITECOM SPECIAL LUMINAIRES**

<table>
<thead>
<tr>
<th>Product</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>LITECOM SL</td>
<td>22 169 151</td>
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<tr>
<td>LITECOM infinity SL 250</td>
<td>22 169 626</td>
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<td>LITECOM infinity SL 500</td>
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<tr>
<td>LITECOM infinity SL 2000</td>
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Volume licences can be accumulated.

**LITECOM EMERGENCY LIGHTING**

<table>
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<tbody>
<tr>
<td>LITECOM EC25</td>
<td>22 169 154</td>
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<td>LITECOM EC50</td>
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<td>LITECOM EC100</td>
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<td>LITECOM INF Emergency 250</td>
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<tr>
<td>LITECOM INF Emergency 2000</td>
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</table>

Availability on request. Volume licences can be accumulated.

**LITECOM BACNET**

<table>
<thead>
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<th>Product</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>LITECOM BACnet 50</td>
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<tr>
<td>LITECOM BACnet 100</td>
<td>22 170 745</td>
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<tr>
<td>LITECOM INF BACnet 100</td>
<td>22 170 716</td>
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<tr>
<td>LITECOM INF BACnet 500</td>
<td>22 169 636</td>
</tr>
<tr>
<td>LITECOM INF BACnet 1000</td>
<td>22 169 637</td>
</tr>
<tr>
<td>LITECOM INF BACnet 5000</td>
<td>22 169 639</td>
</tr>
</tbody>
</table>

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 x 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
**LM ROCKER SWITCHES**

Square design, wall installation

<table>
<thead>
<tr>
<th>2 rocker switches, light</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>LM-RCB2 Li, anthracite</td>
<td>22 161 843</td>
</tr>
<tr>
<td>LM-RCS2 Li, silver</td>
<td>22 161 837</td>
</tr>
<tr>
<td>LM-RCW2 Li, white</td>
<td>22 161 831</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2 rocker switches, variant</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>LM-RCB2 (V), anthracite</td>
<td>22 161 844</td>
</tr>
<tr>
<td>LM-RCS2 (V), silver</td>
<td>22 161 838</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3 rocker switches, light</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>LM-RCB3 Li, anthracite</td>
<td>22 161 884</td>
</tr>
<tr>
<td>LM-RCS3 Li, silver</td>
<td>22 161 839</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3 rocker switches, variant</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>LM-RCB3 (V), anthracite</td>
<td>22 161 885</td>
</tr>
<tr>
<td>LM-RCS3 (V), silver</td>
<td>22 161 840</td>
</tr>
<tr>
<td>LM-RCW3 (V), white</td>
<td>22 161 834</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>4 rocker switches, light</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>LM-RCB4 Li, anthracite</td>
<td>22 161 886</td>
</tr>
<tr>
<td>LM-RCS4 Li, silver</td>
<td>22 161 841</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>4 rocker switches, variant</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>LM-RCB4 (V), anthracite</td>
<td>22 161 887</td>
</tr>
<tr>
<td>LM-RCS4 (V), silver</td>
<td>22 161 842</td>
</tr>
<tr>
<td>LM-RCW4 (V), white</td>
<td>22 161 836</td>
</tr>
</tbody>
</table>

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

All order numbers are linked to our online product catalogue.

LM = Luxmate-Bus  ED = Enhanced DALI

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

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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

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All sizes specified in mm
**BLIND CONTROL**

**CONTROL UNIT FOR BLINDS, 4X**
LM-Bus, control cabinet

Control device
LM-4JAS

**CONTROL UNIT FOR BLINDS, 2X**
LM-Bus, momentary-action switch

Control device
LM-2JASX
BUS SUPPLY

BUS SUPPLY ROOM
Control cabinet

LM-BVS3S 22 115 026

BUS SUPPLY BUILDING
Control cabinet

LM-BV 20 975 247

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SENSORS

SKY SCANNER
Light
LM-TLM

ED SENSOR
Light, surface-mounted on the ceiling
ED-EYE light sensor

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

Switching unit
HS001-A210 1-way MAS by EnOcean, white
HS001-A211 1-way MAS by EnOcean, anthracite
HS001-A212 1-way MAS by EnOcean, aluminium
HS001-A230 2-way MAS by EnOcean, white
HS001-A231 2-way MAS by EnOcean, anthracite
HS001-A232 2-way MAS by EnOcean, anthracite
INFRARED SENSORS

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

ED-SENS presence and infrared sensor

ED-SENS mini CR

ED-SENS mini CM

SENSOR
Passive infrared, presence, light

ED-SENS presence and infrared sensor

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

ED-IR infrared sensor

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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-1AWS 22 169 874

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All sizes specified in mm
Top quality – with a five-year guarantee. As a globally leading luminaire manufacturer, Zumtobel provides a five year manufacturer’s guarantee on all Zumtobel branded products in accordance with the terms of guarantee at zumtobel.com/guarantee.
THE LIGHT