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
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.
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.
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.

**REST + MQTT INTERFACE**
Modern, web-based interfaces for simple connection, for example to other systems or cloud platforms.
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.

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.

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.
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.**

---

**THE SYSTEM**

**LITECOM controller, 1-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)

**Permissible cable lengths**

<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>0.50 mm²</td>
<td>100 m</td>
<td>150 m</td>
</tr>
<tr>
<td>0.75 mm²</td>
<td>150 m</td>
<td>250 m</td>
</tr>
<tr>
<td>1.00 mm²</td>
<td>200 m</td>
<td>350 m</td>
</tr>
<tr>
<td>1.50 mm²</td>
<td>300 m</td>
<td>500 m</td>
</tr>
</tbody>
</table>

---

**LITECOM controller, 3-channel**

**Connection options:**
- 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)

**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 mm²

**Type of installation:**
- 9 top-hat rail units
  (35 mm top-hat rail according to EN 50022)

---

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
TCP/IP office network

**LITECOM**
- CCD controller
- Bus power supply
- Up to 15 controllers

**DALI control lines**
- DALI control line 1
  - Dimmable luminaire
  - tunableWhite luminaire
  - Escape-sign luminaire

- DALI control line 2

- DALI control line 3
  - Up to 64 DALI short addresses and 100 DALI bus loads per DALI control line

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.
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 wireless luminaires and sensors to be used efficiently via LITECOM. Up to 64 luminaires can be controlled, including self-contained 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.

CASAMBI

LITECOM controller → basicDIM Wireless DALI gateway → Bluetooth® mesh → basicDIM Wireless luminaires
**BACNET**

**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. Establish connections with other systems or cloud platforms using the latest interface technologies. A wide range of interfaces ensures that the most varied of requirements can be met.

Connection with your building automation and control system via the **LITECOM BACNET APP**
It’s never been so easy to connect a lighting management system with other building services, or even with other connected smart devices. With one interface and two protocols, LITECOM paves the way for the most cutting-edge form of interconnectivity. This means lighting and non-lighting systems (for example, booking systems) can communicate directly with each other. Direct. Efficient. Without any additional hardware.

**SYSTEM INTEGRATION**

**MODERN INTEGRATION SOLUTIONS.**

The LITECOM CCD and KNX systems are connected with one other through the LITECOM KNX interface. This connectivity enables additional control via KNX momentary-action switches and control points.

LITECOM has a standardised interface in the form of a REST-API (Representational State Transfer). This uses HTTP requests in order to be able to use LITECOM’s lighting control functions in other systems. Therefore, systems from different domains are integrated.

The open network protocol MQTT (Message Queuing Telemetry Transport) enables the exchange of messages between various systems, even in low-performing networks. The de facto standard protocol for IoT applications actively informs the connected systems about changes in the lighting system and thereby eliminates unnecessary request-response communication (polling).
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 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.
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
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
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.

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
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
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

An advantage for your project

Up to 4 times faster.

49 minutes with KNX

Just 13 minutes with LITECOM
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 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 DALI-2 1CH  |  22 171 472
- LITECOM CCD DALI-2 3CH  |  22 171 127

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
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></th>
<th>LITECOM APPS</th>
<th>LITECOM INFINITY APPS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Controllers</strong></td>
<td>1</td>
<td>15</td>
</tr>
<tr>
<td><strong>Device addresses</strong></td>
<td>64/250</td>
<td>2500</td>
</tr>
</tbody>
</table>

### Apps

**Addressing wizard**

**Conditional scene recall**

**Installation test**

**Light scenes**

**Presence-linked control**

**Protective functions**

**User management**

**REST + MQTT interface**

**Daylight-linked control optional**

**Emergency lighting optional**

**Shows optional**

**BACnet gateway optional**

**Daylight-linked control optional**

**Outward-facing sensors**

**Downward-facing sensors**

**Sky scanner**

**Blind control optional**

**Manual**

**Blind automation**

(availability on request)
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
REST + MQTT API
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 with sky scanner
LITECOM APP DAYLIGHT TLM 250 22 172 100

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
LITECOM APP BLIND MGMT 250 22 172 101

Blind automation can also be activated with just one CCD.

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.

All order numbers are linked to our online product catalogue.
OPTIONAL APPS

**LITECOM SHOWS**

LITECOM
LITECOM APP Shows

LITECOM infinity
LITECOM INF SHOWS

**LITECOM SPECIAL LUMINAIRES**

LITECOM
LITECOM APP SL

LITECOM infinity
LITECOM INF SL 250
LITECOM INF SL 500
LITECOM INF SL 1000
LITECOM INF SL 2000

Volume licences can be accumulated.

**LITECOM EMERGENCY LIGHTING**

LITECOM
LITECOM APP EC25
LITECOM APP EC50
LITECOM APP EC100

LITECOM infinity
LITECOM INF Emergency 250
LITECOM INF Emergency 500
LITECOM INF Emergency 1000
LITECOM INF Emergency 2000

Availability on request. Volume licences can be accumulated.

**LITECOM BACNET**

LITECOM
LITECOM APP BACnet 50
LITECOM APP BACnet 100

LITECOM infinity
LITECOM INF BACnet 100
LITECOM INF BACnet 500
LITECOM INF BACnet 1000
LITECOM INF BACnet 5000

Volume licences can be accumulated.
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

BASICDIM WIRELESS
basicDIM Wireless Passive Modul __________________________ 28 002 574
OPERATION

LM ROCKER SWITCHES
Square design, wall installation

2 rocker switches, light
LM-RCB2 Li, anthracite 22 161 843
LM-RC52 Li, silver 22 161 837
LM-RCW2 Li, white 22 161 831

2 rocker switches, variant
LM-RCB2 (V), anthracite 22 161 844
LM-RC52 (V), silver 22 161 838

3 rocker switches, light
LM-RCB3 Li, anthracite 22 161 884
LM-RC53 Li, silver 22 161 839

3 rocker switches, variant
LM-RCB3 (V), anthracite 22 161 885
LM-RC53 (V), silver 22 161 840
LM-RCW3 (V), white 22 161 834

4 rocker switches, light
LM-RCB4 Li, anthracite 22 161 886
LM-RC54 Li, silver 22 161 841

4 rocker switches, variant
LM-RCB4 (V), anthracite 22 161 887
LM-RC54 (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.
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
CONTROL DEVICES

DALI CONTROL UNIT
LM-Bus, control cabinet

Control device
LM-DALIS

DALI CONTROL MODULE
LM-Bus, momentary-action switch, control cabinet

Control device
LM-3DLIS 3x20

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
installed in ceiling

Phase dimmer
DALI-PCD 1-300 one4all G2 ___________________________ 28 002 269

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-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.
LM = Luxmate-Bus  ED = Enhanced DALI
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-BVS35
22 115 026

BUS SUPPLY BUILDING
Control cabinet

LM-BV
20 975 247

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

SKY SCANNER
External ambient light sensor

LM-TLM

20 724 105

LOOK-OUT LIGHT SENSOR
Light, surface-mounted on the ceiling

ED-EYE light sensor

22 154 682

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

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

22 154 638
22 154 637
22 154 639
22 154 636
22 154 635
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

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

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

SENSOR INPUT (WEATHER)

Control cabinet

Sensor input
LM-4WZS

Sensor
LM-SN rain sensor
LM-SR wind direction sensor
LM-ST temperature sensor
LM-SW wind speed sensor

Basic package
LM-SB basic package for sensor installation

SENSOR INPUT (PRESENCE)

Installed in luminaire/ceiling

1 universal input
ED-1AWS

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

Lighting and emergency systems + Controls and sensors + Technical and financial services + Digital services = Integrated lighting solutions

zumtobel.com/contact