ZUMTOBEL

LITECOM

THE LIGHTING CONTROL SYSTEM

ZUMTOBEL

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LITECOM
LIGHTING MANAGEMENT SYST

EXTREMELY INTUITIVE

THE USER INTERFACE.

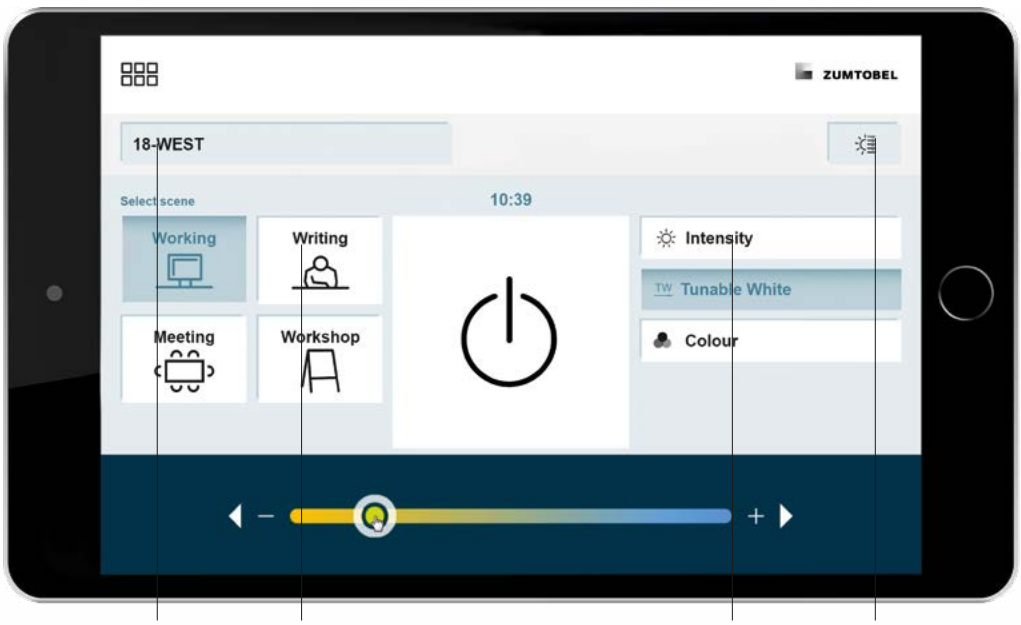
LITECOM offers a wide range of interfaces and control units for a variety of applications, rooms and people. From classic momentary-action switches and touch panels for wall installation to apps and web-based interfaces. Clear and self-explanatory for effortless commissioning and intuitive daily use.

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.

Zumtobel CIRCLE

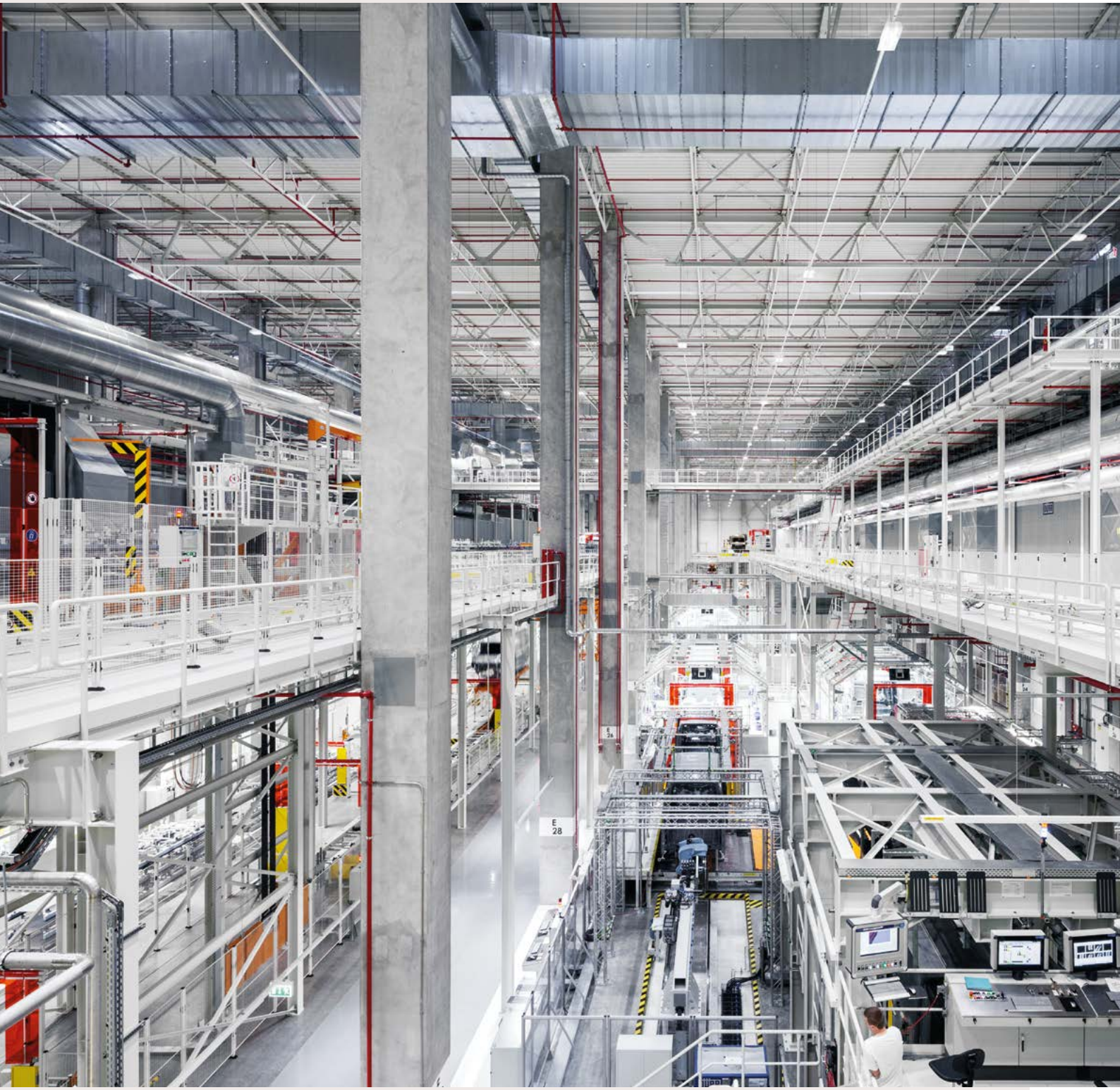
Momentary-action switch

Zumtobel CIRIA

LITECOM wall-mounted touch panel

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.

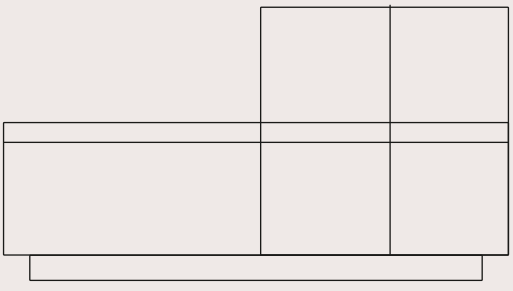
One controller – many uses: Use one and the same controller for compact systems and large installations. Lighting management forms a single unit with your building and your building management system. LITECOM can easily be integrated in building management systems, connected to the Cloud for additional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

LITECOM ALWAYS FITS

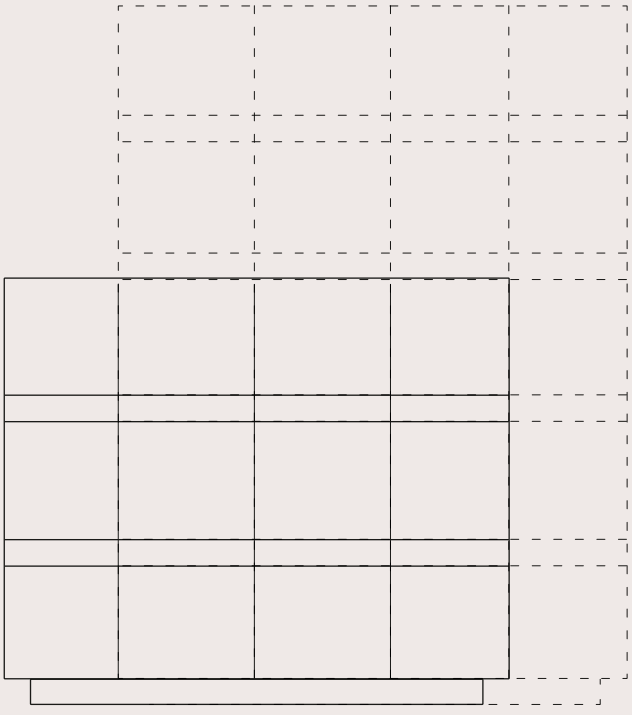
NOW AND IN THE FUTURE.

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.

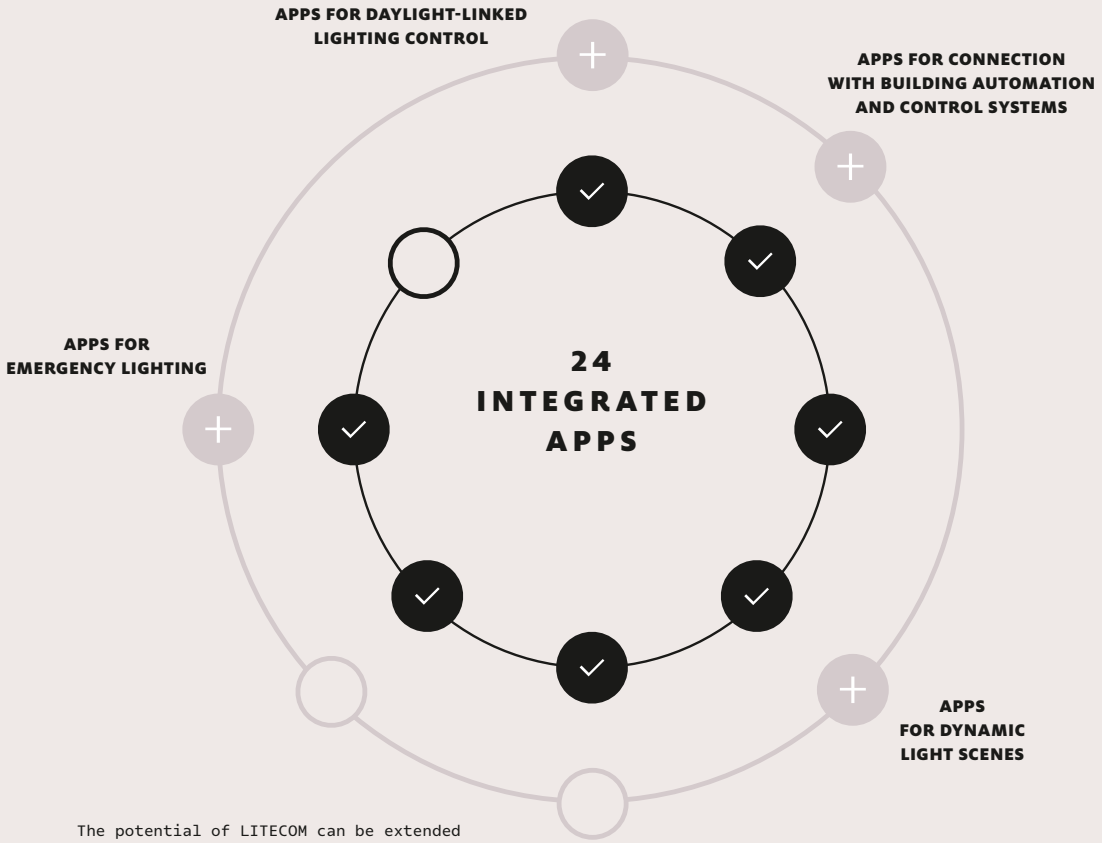


LITECOM grows with you. With LITECOM infinity, you can add additional controllers at any time and extend your system to up to 2500 device addresses with 15 controllers.

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.



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.

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.

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.

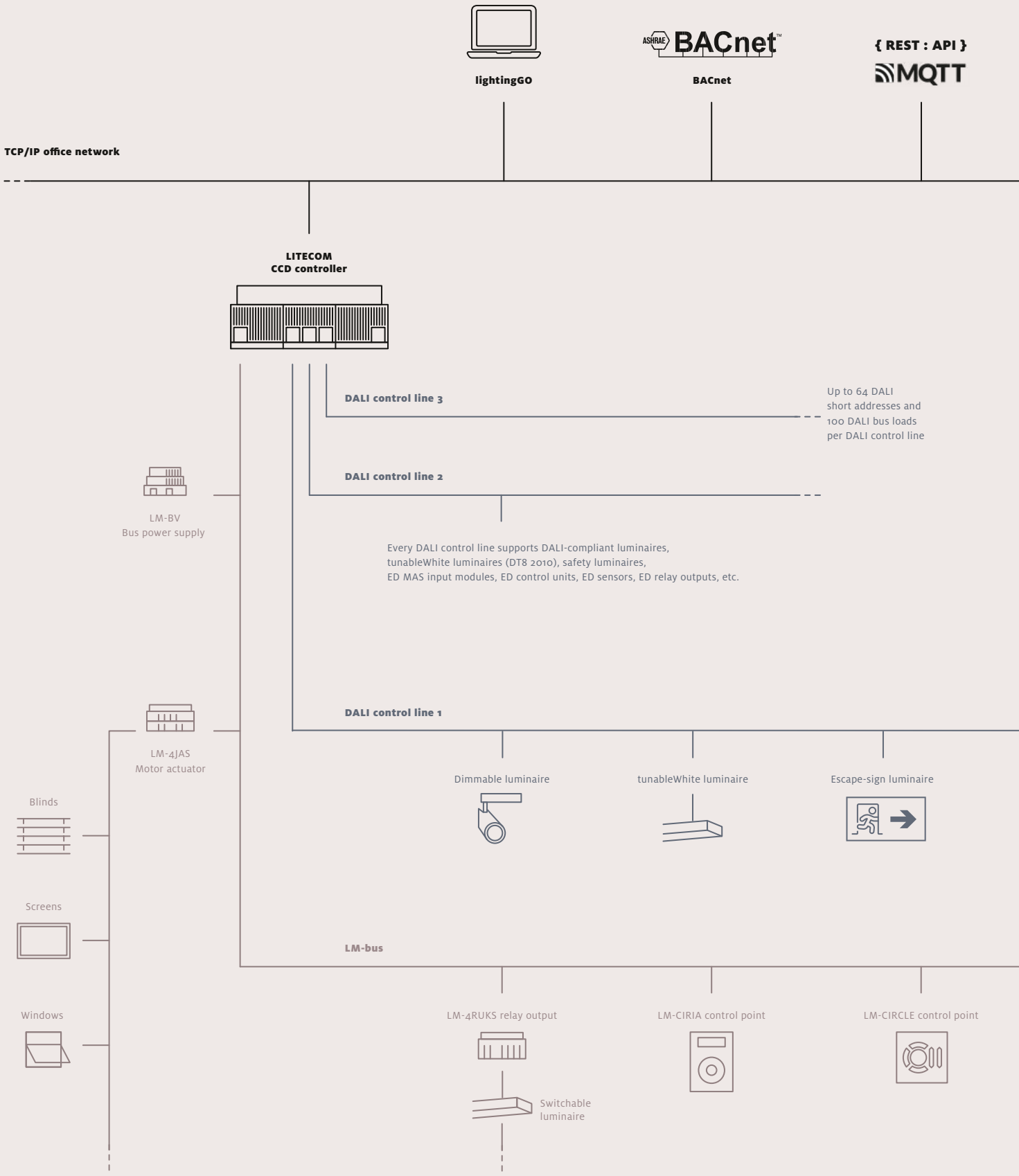
LITECOM
STATE OF THE ART

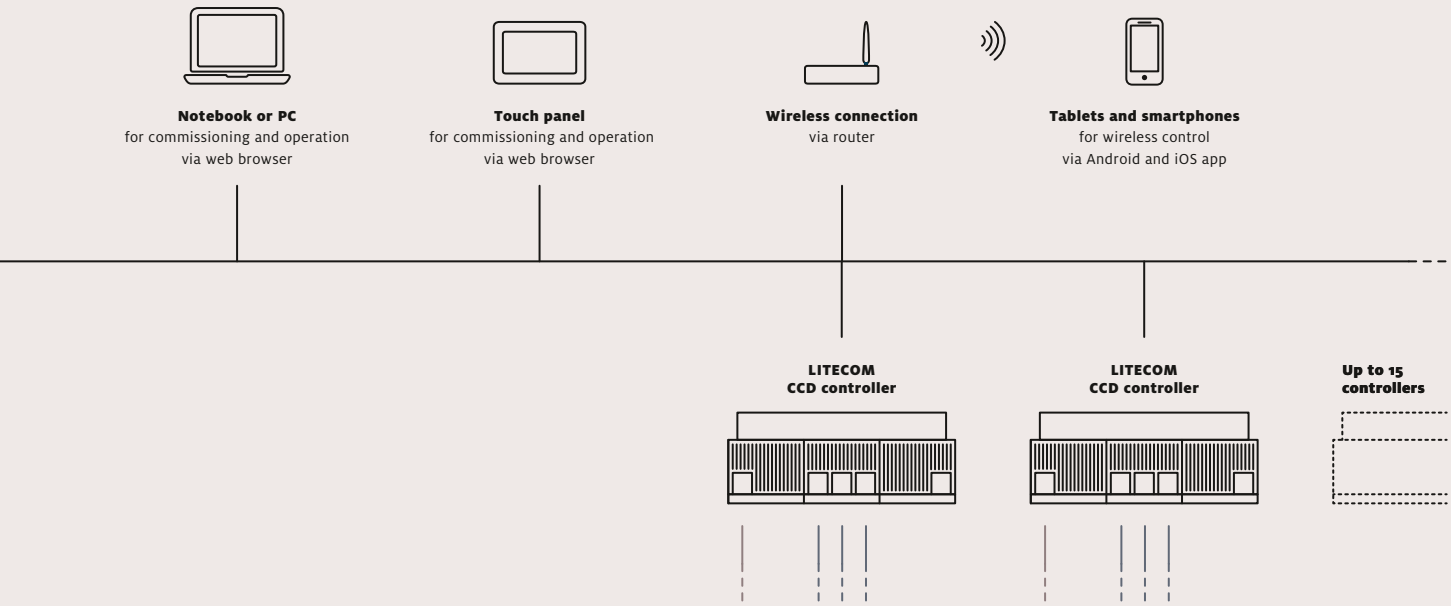
POWERFUL AND VERSATILE.

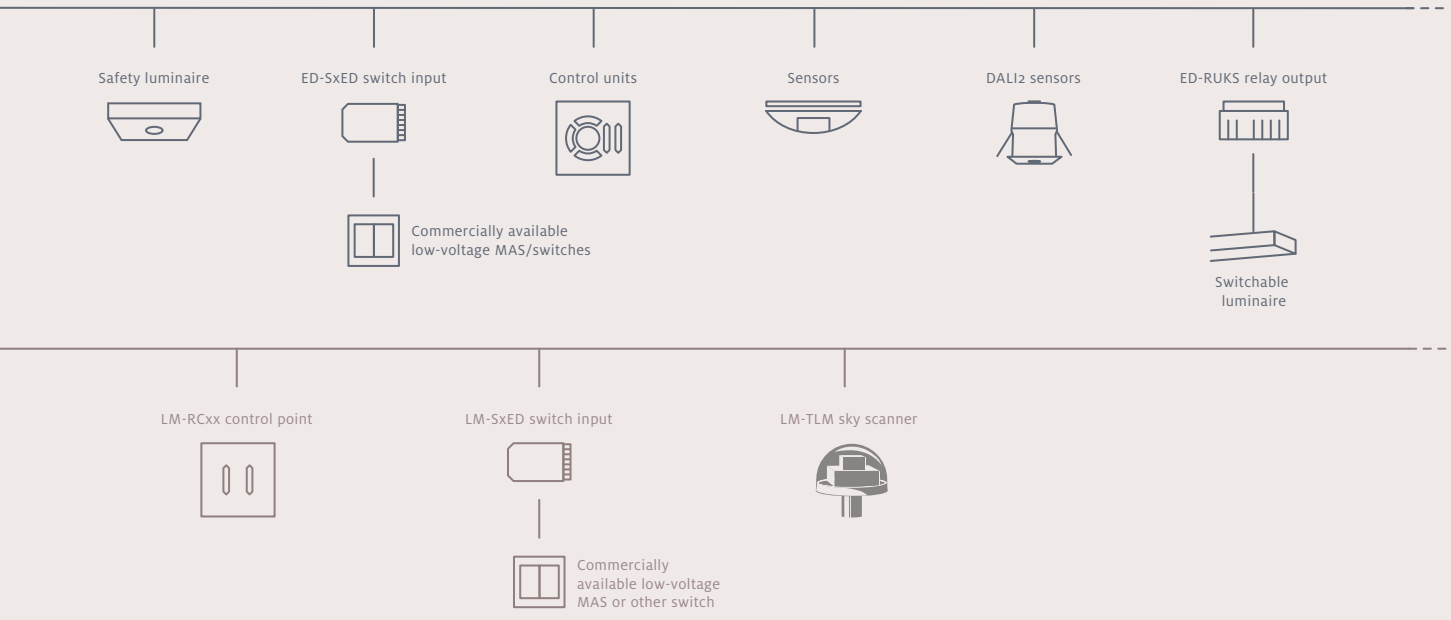
	LITECOM controller, 1-channel	LITECOM controller, 3-channel
Connection options:	1 x DALI line with a capacity of: • 100 bus loads (200 mA) • 64 DALI/DALI-2 actuators • 64 DALI-2 input devices (sensors, momentary-action switches, control units) • 64 eD input devices (sensors, momentary-action switches, 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 × LM system bus without bus voltage supply 1 × 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 mm²	
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 mm²	100 m	100 m	150 m	5 m
0.75 mm²	150 m	150 m	250 m	5 m
1.00 mm²	200 m	200 m	350 m	5 m
1.50 mm²	300 m	300 m	500 m	5 m


lightingGO
BACnet
{ REST : API }
MQTT
TCP/IP office network
LITECOM
CCD controller
DALI control line 3
Up to 64 DALI
short addresses and
100 DALI bus loads
per DALI control line
DALI control line 2
LM-BV
Bus power supply
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.
DALI control line 1
LM-4JAS
Motor actuator
Dimmable luminaire
tunableWhite luminaire
Escape-sign luminaire
Blinds
Screens
Windows
LM-bus
LM-4RUKS relay output
LM-CIRIA control point
LM-CIRCLE control point
Switchable
luminaire


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
LITECOM
CCD controller
Up to 15
controllers


Safety luminaire
ED-SxED switch input
Control units
Sensors
DALI2 sensors
ED-RUKS relay output
Commercially available
low-voltage MAS/switches
Switchable
luminaire

LM-RCxx control point
LM-SxED switch input
LM-TLM sky scanner
Commercially
available low-voltage
MAS or other switch

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?

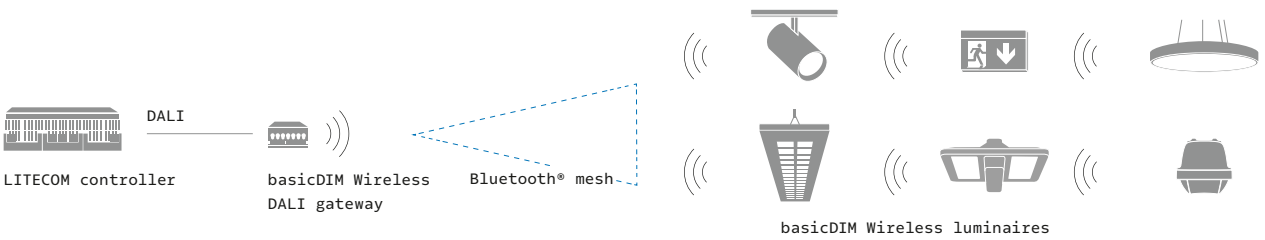
The basicDIM Wireless lighting controls for individual rooms comprise a luminaire with wireless module and app. Based on Bluetooth® Low Energy combined with its own intelligent mesh technology, Casambi's technology proves its worth. Numerous luminaires by Zumtobel and Thorn are available ex works with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

Download on the App Store

GET IT ON Google Play

basicDIM Wireless
DALI gateway

CASAMBI



Uffici IES, Milan | IT

BACNET

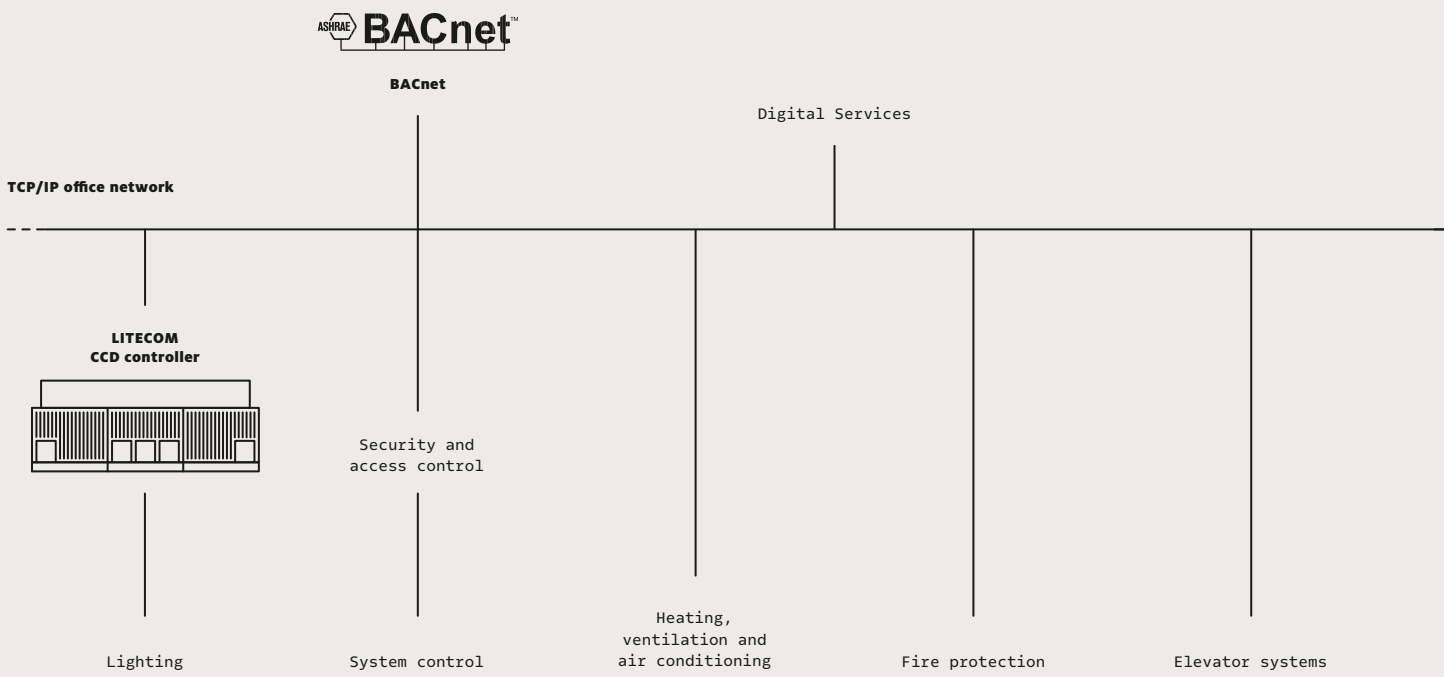
CONNECTION TO YOUR BUILDING
AUTOMATION AND CONTROL SYSTEM.

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. 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

SYSTEM INTEGRATION

MODERN
INTEGRATION SOLUTIONS.

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.

LITECOM KNX

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.

{ REST : API }

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.

MQTT

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).

© Simon Kennedy

LIGHT: EXTREMELY INTELLIGENT

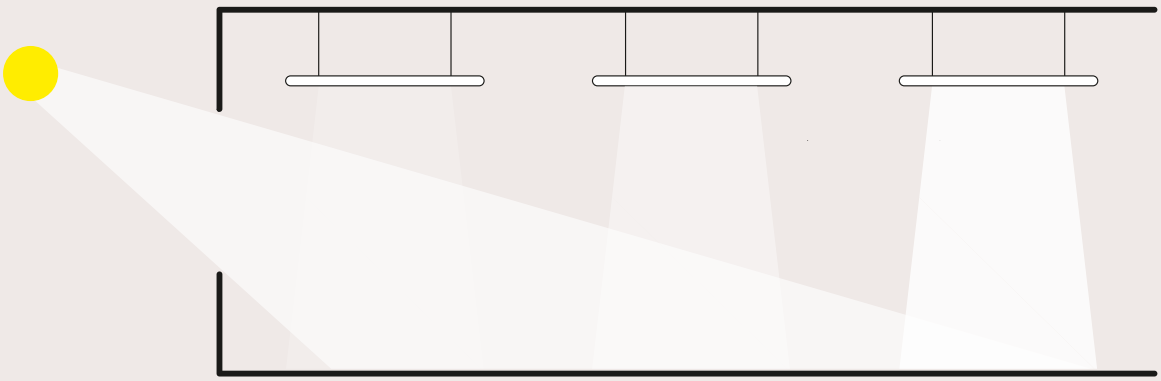
USER-ORIENTED AND ENERGY SAVING.

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.

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.

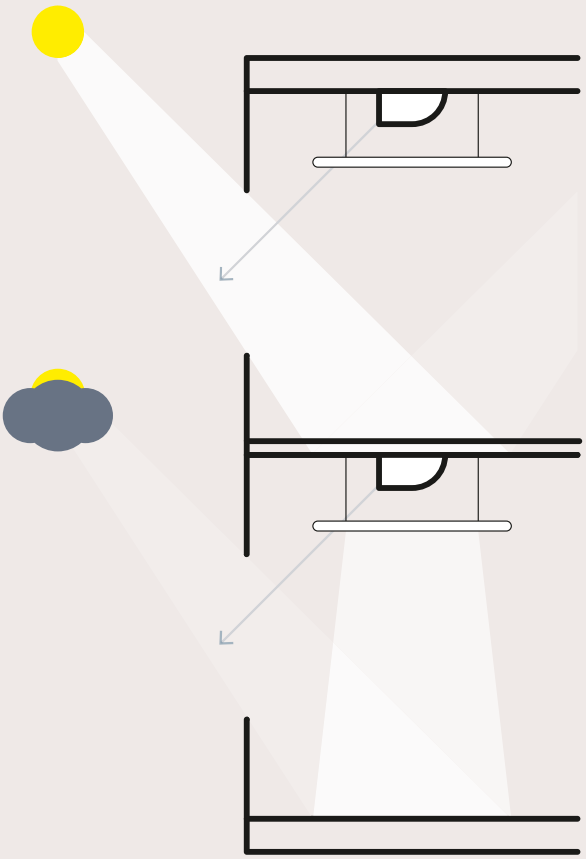
ROOM-BASED LIGHTING MANAGEMENT

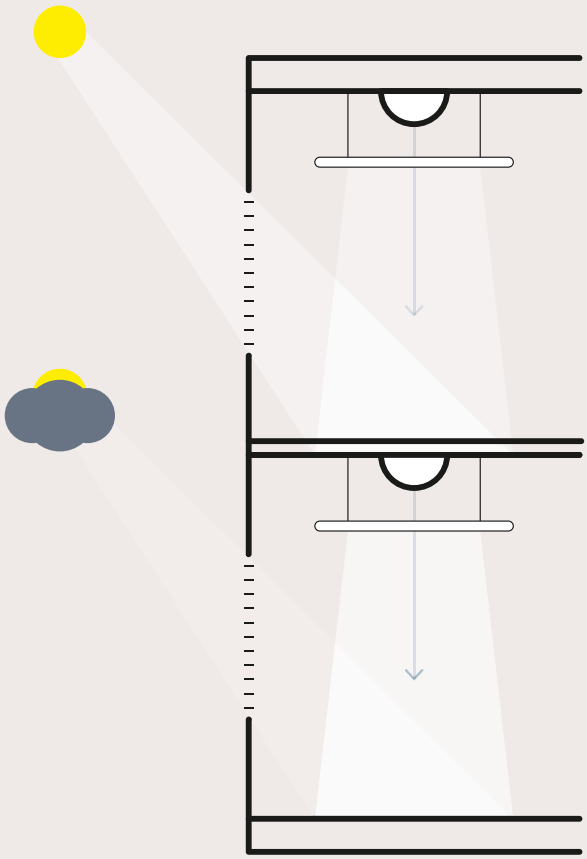
OUTWARD-FACING SENSORS

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.

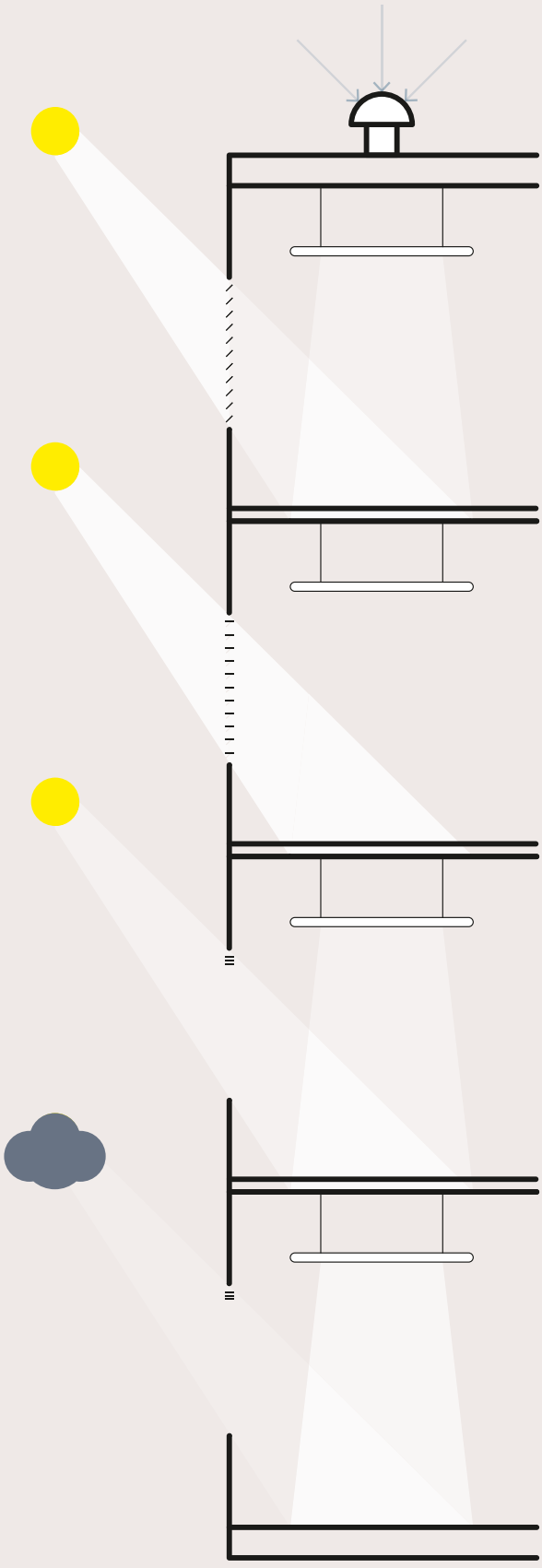
DOWNWARD-FACING SENSORS

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

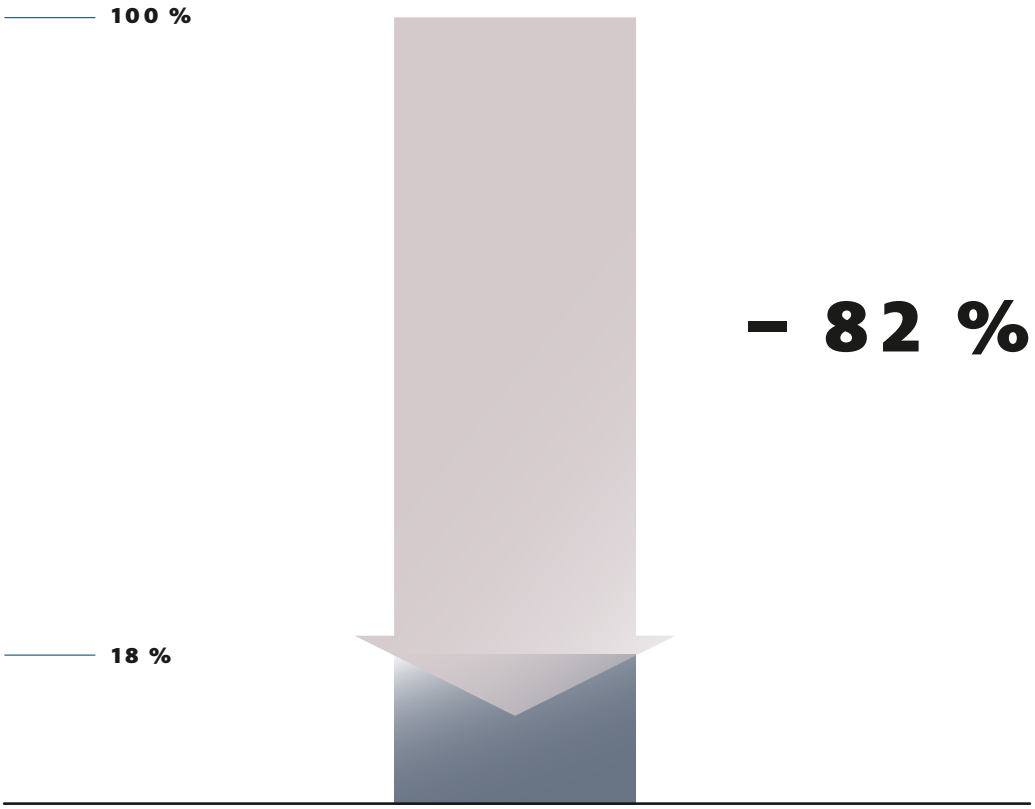
This sky scanner is installed on the outside of the building and, every second, creates a photometric surround recording of the direct and indirect light distribution. The geographical location and the associated sun positions are stored for every installation. Based on all of this information, the lighting 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

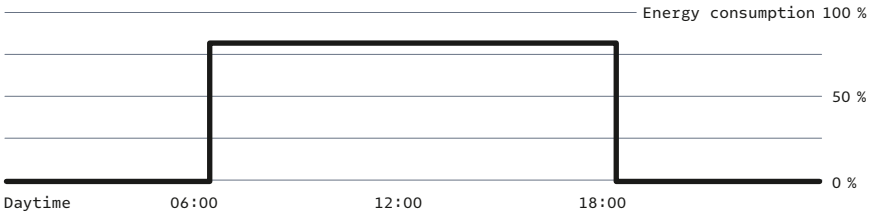
IN 5 SIMPLE STEPS.



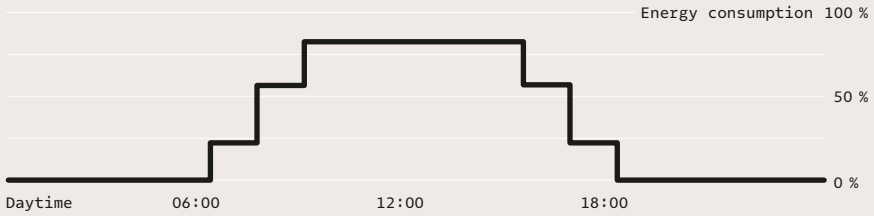
LITECOM saves energy and money, e.g. by switching off luminaires at specific times or when rooms are empty. Or by synchronising blinds with luminaires for optimal use of daylight. In this way, our intelligent lighting management system can reduce your energy consumption by up to 82%.

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

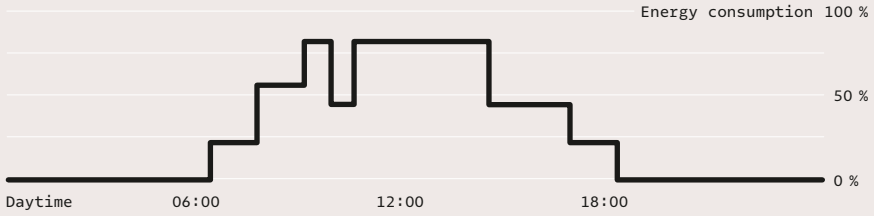
Efficient luminaires



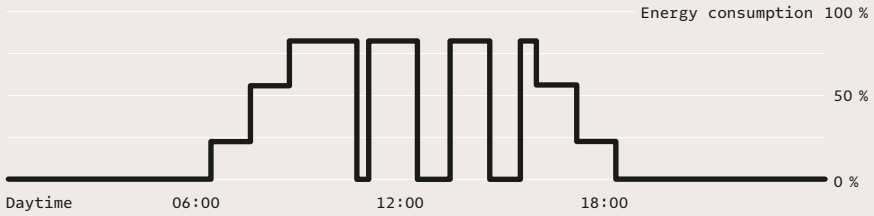
Time-based control
LITECOM BASIC APPS



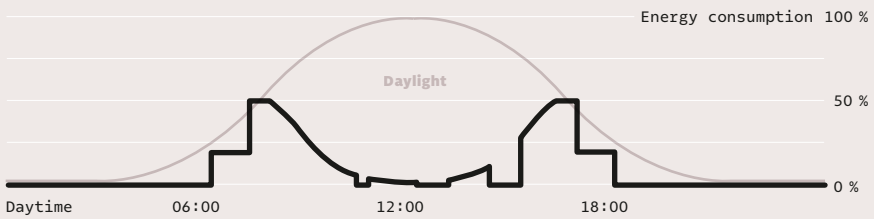
Light scenes
LITECOM BASIC APPS



Presence-linked control
LITECOM BASIC APPS



Daylight-linked control
LITECOM DAYLIGHT APP

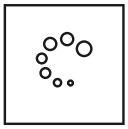


HUMAN CENTRIC LIGHTING

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

16-WEST
Working
Meeting
Writing
Workshop
10:39
Intensity
Tunable White
Colour
ZUMTOBEL

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)

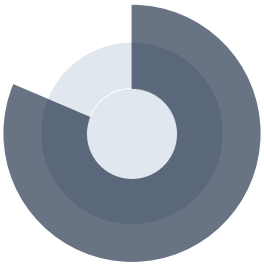
05 Technical documents and data sheets for all required products

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

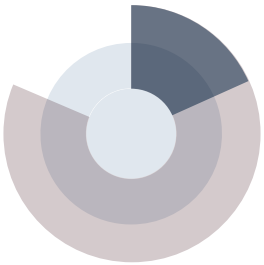
Download the wizard here:
zumtobel.com/com-en/downloads.html#software

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.

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

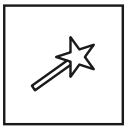
For more details, see the full study at zumtobel.com/PDB/Teaser/com-en/Study_LITECOM.pdf

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.

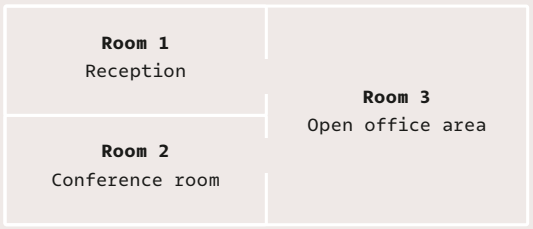


Addressing wizard and
installation test with the
LITECOM BASIC APP

ZUMTOBEL **LITECOM**

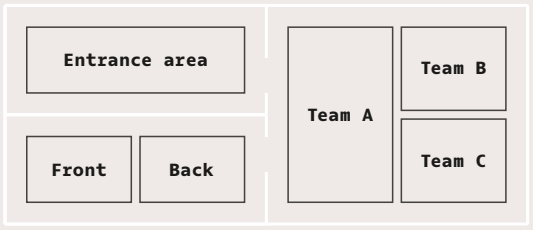
01 ADD ROOMS

Rooms form the basic structure for your lighting management.



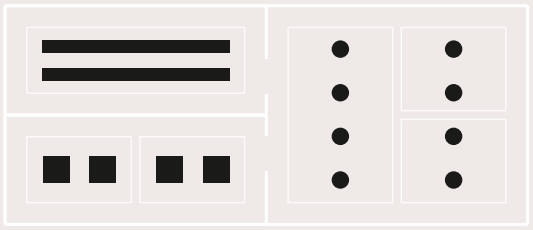
02 ADD GROUPS

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



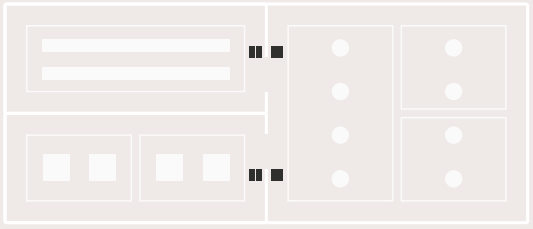
03 ADD LUMINAIRES

Localise individual luminaires and assign them consecutively.



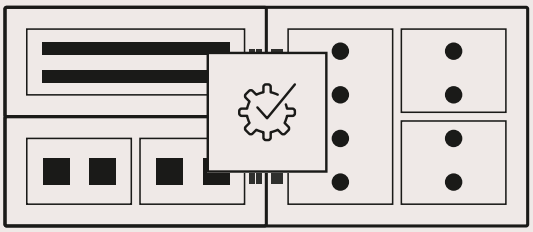
04 ADD INPUT DEVICES

Assign control points and sensors independently of the wiring.



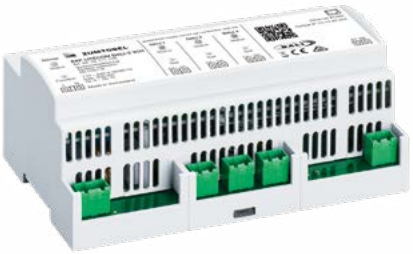
05 TEST THE INSTALLATION

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



THE CORE ELEMENT

EXTREMELY POWERFUL.

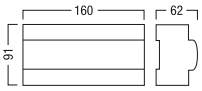


The core element of LITECOM is our controller: small, versatile and intelligent, with an impressive range of connection options, and DALI-2-certified. We have created an entire ecosystem of components around the controller, which can be combined with any conceivable project.

HARDWARE

LITECOM-CONTROLLER

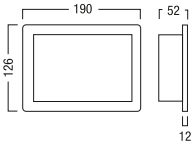
LITECOM CCD DALI-2 1CH	22 171 472
LITECOM CCD DALI-2 3CH	22 171 127



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

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
System limits		
Controllers	1	15
Device addresses	64/250	2500
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	•	• (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

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	22 169 160

LITECOM infinity

LITECOM INF SHOWS	22 169 662

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.

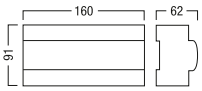
OPERATION

DALI GATEWAY

Control cabinet

Light actuator

Netlink CCD _____ 22 169 263



LITECOM KNX INTERFACE

LITECOM KNX Interface _____ 22 172 349

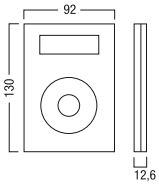
LM-CIRIA

Control point installed in the wall

Control device

LM-CIRIA BK, black _____ 22 162 348

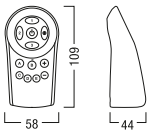
LM-CIRIA WH, white _____ 22 162 349



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

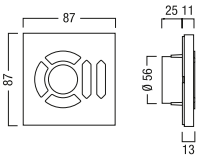
LM-CCB 1/2/3 Li/Be, anthracite	22 154 677
LM-CCS 1/2/3 Li/Be, silver	22 154 675
LM-CCW 1/2/3 Li/Be, white	22 154 676
ED-CCB 1/2/3 Li/Be, anthracite	22 154 665
ED-CCS 1/2/3 Li/Be, silver	22 154 663
ED-CCW 1/2/3 Li/Be, white	22 154 664

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



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-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), silber	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

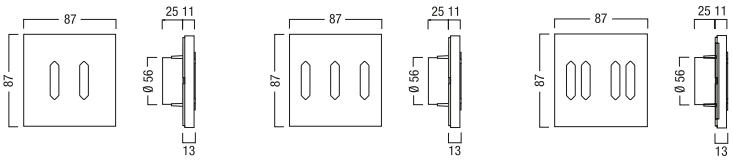
4 rocker switches, light

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
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LM = Luxmate-Bus ED = Enhanced DALI
All sizes specified in mm

INPUT DEVICES

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

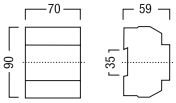
Control cabinet

4 inputs for motion detection

LM-4AWS, 230 V AC	22 154 488

4 universal inputs

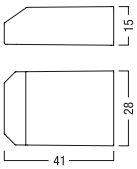
LM-4UAS, 230 V AC	22 154 732
LM-4UAS2, 24 V AC	22 154 734



4-WAY INPUT

Switch, switch/dimmer, cycles, built-in

ED-SxED 4-fach	22 176 716
LM-SxED 4-fach	22 185 326



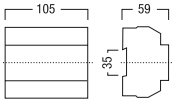
CONTROL DEVICES

DALI CONTROL UNIT

LM-Bus, control cabinet

Control device

LM-DALIS _____ 22 146 963

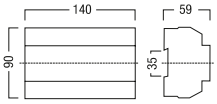


DALI CONTROL MODULE

LM-Bus, momentary-action switch, control cabinet

Control device

LM-3DLIS 3x20 _____ 22 169 983



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All sizes specified in mm

PHASE DIMMER

PHASE DIMMER

DALI
installed in ceiling

Phase dimmer

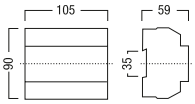
DALI-PCD 1-300 one4all G2 _____ 28 002 269

PHASE DIMMER

DALI/DSI/momentary-action switch, control cabinet

Phase dimmer

APDS-1000 phase section _____ 22 154 223



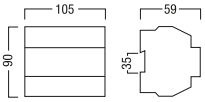
LIGHT ACTUATOR

RELAY OUTPUT

DALI, installation

Relay output

ED-1RUK, 1 output	22 169 938
ED-4RUKS, 4 outputs	22 169 939

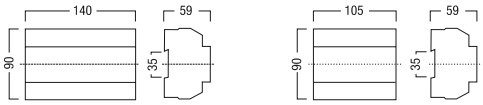


RELAY OUTPUT

LM-Bus, control cabinet

Relay output

LM-3RUKS, 3 outputs	20 735 397
LM-4RUKS, 4 outputs	22 154 120

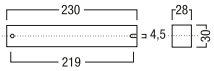


RELAY OUTPUT

LM-Bus, installed in luminaire/ceiling

Relay output

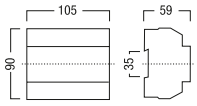
LM-2RUKS, 2 outputs	22 114 777



RELAY OUTPUT MODULE

LM-Bus, for installation in the control cabinet

LM-2WKS	22 185 306



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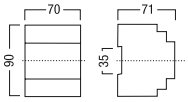
BLIND CONTROL

CONTROL UNIT FOR BLINDS, 4X

LM-Bus, control cabinet

Control device

LM-4JAS _____ 22 162 346

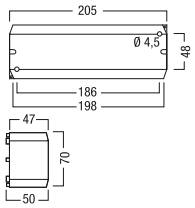


CONTROL UNIT FOR BLINDS, 2X

LM-Bus, momentary-action switch

Control device

LM-2JASX _____ 22 162 347

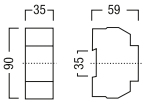


BUS SUPPLY

BUS SUPPLY ROOM

Control cabinet

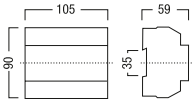
LM-BVS35 _____ 22 115 026



BUS SUPPLY BUILDING

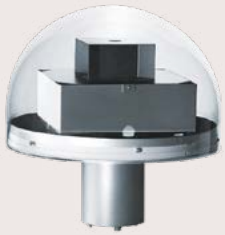
Control cabinet

LM-BV _____ 20 975 247



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

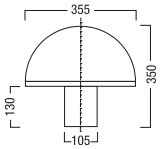
SENSORS



SKY SCANNER

External ambient light sensor

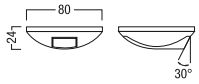
LM-TLM	20 724 105



LOOK-OUT LIGHT SENSOR

Light, surface-mounted on the ceiling

ED-EYE light sensor	22 154 682

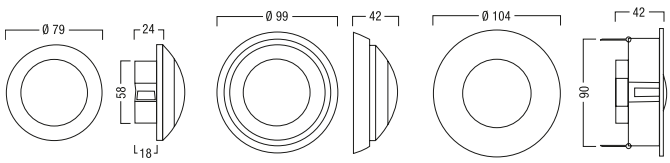


SENSOR

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

Switching unit

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

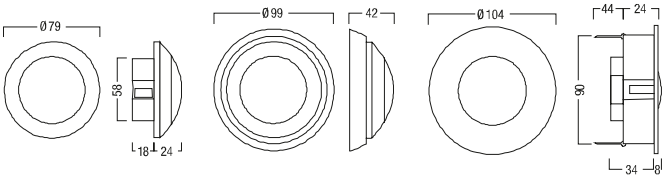


INFRARED SENSORS

SENSOR

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

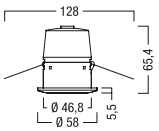
ED-SENS presence and infrared sensor	22 154 506



SENSOR

Passive infrared, presence, light

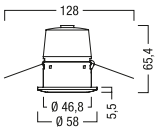
ED-SENS mini CR	22 170 200
ED-SENS mini CM	22 170 201



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

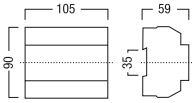
LM-4WZS	22 154 128

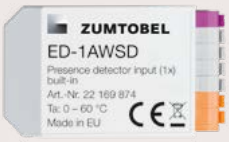
Sensor

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



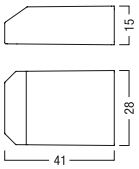


SENSOR INPUT (PRESENCE)

Installed in luminaire/ceiling

1 universal input

ED-1AWSD	22 169 874



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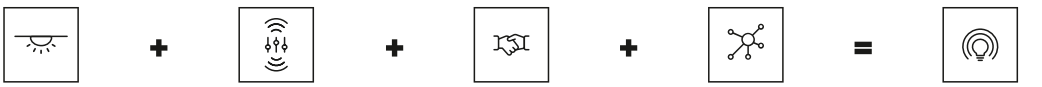
All sizes specified in mm

T H E L I G H T



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