MEC LITE

Ready-to-light

The innovative "Plug&Play" power supplies platform MEC Driver by L&S expands with the introduction of **MEC** *LITE*, the new "**Ready-to-light**" power supply and control system for LED lamps.

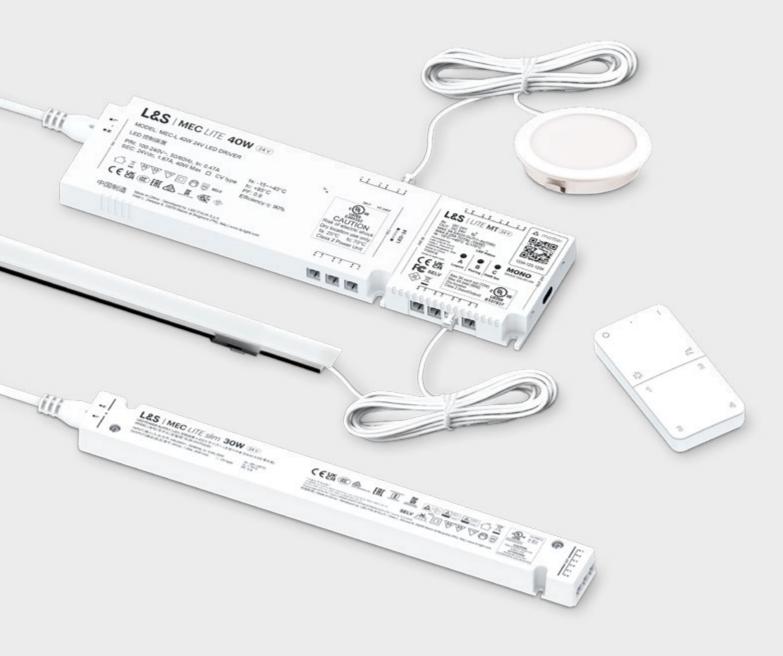
MEC LITE is a multi-certified product with a compact and modular design: equipped with an integrated power distributor, it is **versatile**, **straightfoward and easy to install**. It also includes new intuitive **Smart Home** solutions for light customization and an innovative range of dedicated wireless sensors and transmitters.

MEC LITE ensures **greater energy efficiency** compared to the MEC Driver product range, with which it is compatible.



Ready-to-light

LIGHTING INTELLIGENCE



Practical integrated power distributor

IThe integrated power distributor of MEC LITE, with an optimized number of outputs based on the power supply's capacity, is a practical and easy-to-use solution for quickly connecting LED lamps without additional distribution modules, which can still be used if it becomes necessary to power a larger number of lamps.

Reduced width for special installations

The new MEC LITE slim model, equipped with an integrated 3-output distributor, is thin and versatile, making it ideal for installation in tight spaces. Available exclusively in 24V, it can be connected to the control modules from the L&S power supply range via dedicated cable.

Control modules: **Easier Smart Home**

MEC LITE features a modular design with new Smart Home solutions for light control via voice assistant or smartphone, allowing for endless customizations in a simple and intuitive manner, thanks to the integration of the main protocols in the control modules. LITE MT, the module based on the Matter protocol, connects directly to the native app of the most popular Smart Home devices (eliminating the issue of managing different apps and protocols). The Bluetooth module LITE BT provides simple and immediate light management at your smartphone's fingertips; the Zigbee Module ensures quick and precise lighting control in a reliable low-energy consumption mesh network





















Wireless control, practical and elegant

The new radio frequency transmitters make light management easy and incredibly versatile. LITE sensor is an innovative all-in-one sensor suitable for any context, usable as a motion sensor, door contact sensor, or touch transmitter. LITE remote is a practical 4-channel transmitter that allows control of multiple LITE control modules and can be installed on the wall using a practical magnetic support.







LITE sensor

LITE remote

4 channel remote

Multi-certified for global use

MEC LITE meets all major quality and safety requirements imposed by various global regulatory standards. The certifications obtained, together with the Wide Input system of 100-240 V AC and a separate power cable that can be chosen based on the type of plug used, make MEC LITE a global, safe, and reliable product.



















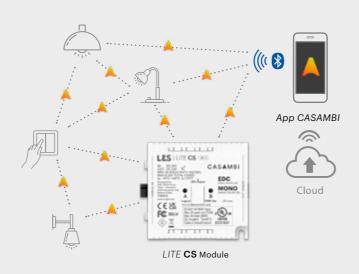
POWER SUPE AND CONTR

Smart Control

CASAMBI

Complete wireless system: fewer cables, greater control

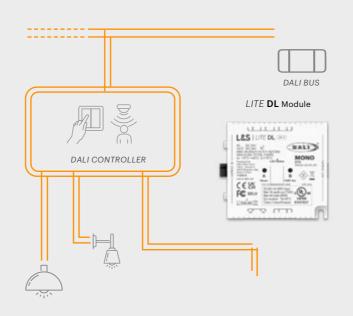
Casambi offers an open, accessible, and usable technology platform, bringing wireless control capabilities to various lighting devices. Casambi's comprehensive wireless solution opens up endless possibilities for every type of project, from residential to retail and hospitality. The system is based on Bluetooth Low Energy, requires no additional wiring, and allows you to manage individual fixtures or entire lighting networks with superior reliability and stability. Thanks to its dedicated app and advanced features—lighting scenarios, programming, and dynamic adjustments—Casambi offers the ideal level of lighting control, ideal for those designing scalable, quality-certified solutions.





International wired standard for lighting control

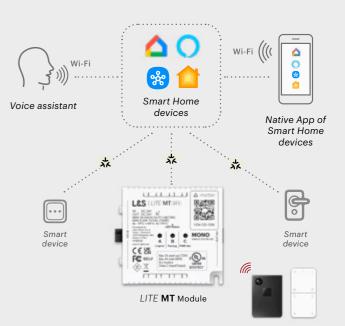
The DALI (Digital Addressable Lighting Interface) protocol is the reference technology for the intelligent management of lighting fixtures in architectural and technical settings. It ensures reliable communication between devices from different manufacturers, with individual or group control of lamps and advanced functions such as dimming and lighting scenarios. Integration into building automation systems is simple and secure, with a standardized configuration and two-wire wiring that reduces costs and complexity. DALI enables precise, flexible, and efficient lighting management, suitable for professional projects, ensuring reliability and customization.



* matter

The universal standard for Smart Home devices

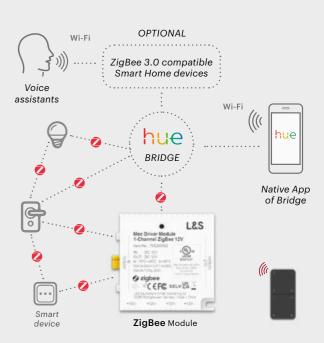
It simplifies the connection between smart devices from different brands through the innovative, fast, and reliable Matter protocol: the LiteMT control module connects directly to the native app of Smart Home devices (e.g., Amazon Alexa, SmartThings, Apple HomeKit). Through the Wi-Fi network, the device can be controlled from anywhere in the house. Control and customization of lighting through voice assistants and smartphones: intuitive and suitable even for non-expert users, thanks to an easy and immediate setup process that involves simply scanning the QR code present on the module.





Low power consumption wireless protocol

With the new ZigBee control module, our lighting devices communicate with other smart home devices (e.g., plugs, locks, and smart bulbs) through a compatible bridge (e.g., Philips Hue) in a reliable low-energy consumption mesh network. Quick and precise control of lighting via smartphone using the native app of the bridge or through voice assistants compatible with the ZigBee 3.0 protocol.



₿ Bluetooth®

The solution for smartphones simple and accessible

The most well-known and familiar technology, now with the new LiteBT module, allows for the integration of our devices into the smart management of the home: through the dedicated app developed by L&S, light management is simple and immediate. Customized lighting, intensity adjustment, and real-time lighting scenes are just a tap away on your smartphone.



MEC LITE

LED LIGHTS POWER SUPPLY

V IN: 100-240V AC WIDE INPUT V OUT: 24 V DC

24V LED power supply system, complete with an integrated power distributor for LED lights (the number of outputs varies based on the power supplied).

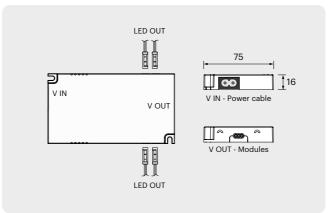
Wide Input voltage of 100-240V AC: the 150W model is available exclusively with an input voltage of 240V. Power cable sold separately.

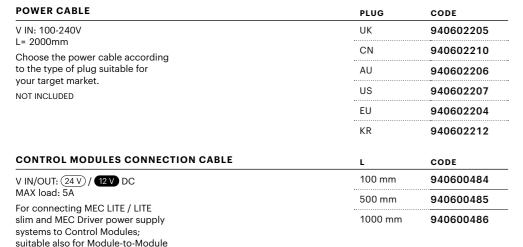
Modular design: Remote control modules can be connected to create endless solutions (ensure the same 24V power supply is maintained for all connected modules).

Compatible with all MEC Driver 24 modules.

VIN	V OUT	w	OUT	L	CODE
100-240VAC	24V DC	20W	4	135 mm	750800340
		40W	6	190 mm	750800341
		60W	6	190 mm	750800342
		75W	8	240 mm	750800343
		96W	8	240 mm	750800344
220-240V AC	•	150W	8	240 mm	750800345

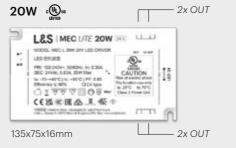












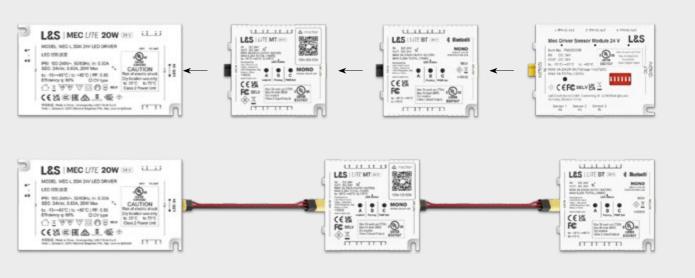












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connections.

OPTIONAL

COLLECTION 2026

LED LIGHTS POWER SUPPLY

V IN: 100-240V AC WIDE INPUT V OUT: (24 V) DC

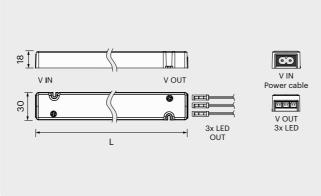
24V LED power supply system, complete with an integrated 3-way power distributor for LED lights, featuring a reduced width of 30mm.

Wide Input voltage of 100-240V AC: power cable and adapter cable for control modules connection both sold separately. Ensure the same 24V voltage is maintained for all connected modules.

Compatible with all MEC Driver 24 modules.



V IN	V OUT	W	OUT	L	CODE
100-240VAC	24V DC	30W	3	288 mm	750800212
		60W	3	320 mm	750800213
		96W	3	320 mm	750800214



		CODE
POWER CABLE	PLUG	
V IN: 100-240V	UK	940602205
L= 2000mm Choose the power cable according to the type of plug suitable for your target market. NOT INCLUDED	CN	940602210
	AU	940602206
	US	940602207
	EU	940602204
	KR	940602212



CONTROL MODULES ADAPTER CABLE

V IN/OUT: 24 V DC MAX load: 5A

OPTIONAL

OPTIONAL

For connecting the MEC LITE slim power supply system to 24V Control Modules.

100 mm	910300031	

CODE

CONTROL MODULES CONNECTION CABLE

V IN/OUT: (24 V) DC MAX load: 5A For connecting MEC LITE / LITE slim and MEC Driver power supply systems to Control Modules; suitable also for Module-to-Module connections.

L	CODE
100 mm	940600484
500 mm	940600485
1000 mm	940600486





288x30x18mm

60W CULSTED US



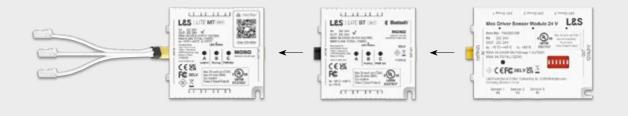
320x30x18mm

96W : (U) US



320x30x18mm







LITE MT

CONTROL MODULE FOR LED LAMPS

V IN/OUT: 24 V DC

2,4GHz Radio frequency reeceiver - Single Channel. With Matter protocol.

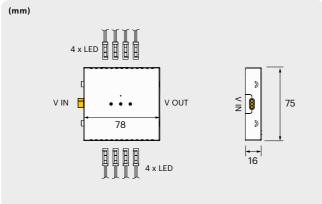
Simultaneous control up to 8 LED lights using compatible radio frequency transmitters or via Matter protocol to connect the module to the native app of the Smart Home device in use (e.g., Amazon Alexa, SmartThings, Apple HomeKit) thus eliminating the issue of managing different apps and protocols. Available for MONO or Dual Color (EDC/WDC) LED. Maintain the same operating voltage of 24V for all connected modules in a continuous line.

Functions: On-Off, dimming and color temperature adjustment (LED EDC/WDC).

WAYS	MAX LOAD	VIN	LED	CODE
8	150 W Total	2	MONO	756200640
	72 W Single way			756200645

For use with lamps without integrated switching system only.





REMOTE CONTROL



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Control via voice assistant or smartphone through the Wi-Fi network: direct connection to the native app of Smart Home devices through a simple scan of the QR code printed on the module.



Control via 2.4GHz radio frequency transmitters.

COMPATIBLE 2.4GHz TRANSMITTERS

It is possible to pair up to 5 radio transmitters with a single LITE BT receiver module.

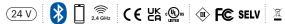




LITE BT







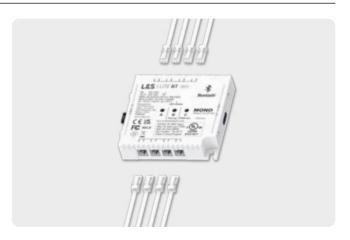
CONTROL MODULE FOR LED LAMPS

V IN/OUT: 24 V DC

2,4GHz Radio frequency reeceiver - Single Channel. Bluetooth compatible.

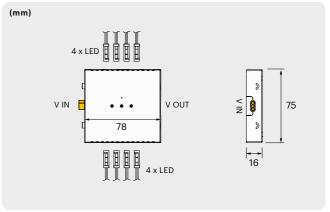
Simultaneous control up to 8 LED lights using compatible radio frequency transmitters or via Bluetooth with a smartphone. Available for MONO or Dual Color (EDC/WDC) LED. Maintain the same operating voltage of 24V for all connected modules in a continuous line.

Functions: On-Off, dimming and color temperature adjustment (LED EDC/WDC).



WAYS	MAX LOAD	V IN	LED	CODE
8	150 W Total	24V DC	MONO	756200670
	72 W Single way		EDC / WDC	756200671

For use with lamps without integrated switching system only.



REMOTE CONTROL





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Control via smartphone with the Bluetooth app developed by L&S, available for free download from the App Store and Google Play.



Control via 2.4GHz radio frequency transmitters.

COMPATIBLE 2.4GHz TRANSMITTERS

It is possible to pair up to 5 radio transmitters with a single LITE BT receiver module.





LITE sensor

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2.4GHz RADIO FREQUENCY ALL-IN ONE SENSOR

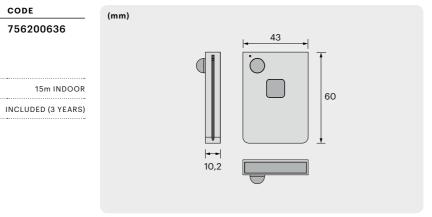
1 Channel multifunction sensor.

Simultaneously manages all lights connected to compatible LITE control modules. Can be configured for use as:

- PIR Motion Sensor
- IR Door sensor
- TOUCH Transmitter



CHANNELS	CONTROLS	CODE
1	On-Off / Dimmer Color temperature (EDC/WDC)	756200636
RADIO RANG	GE:	15m INDOOR



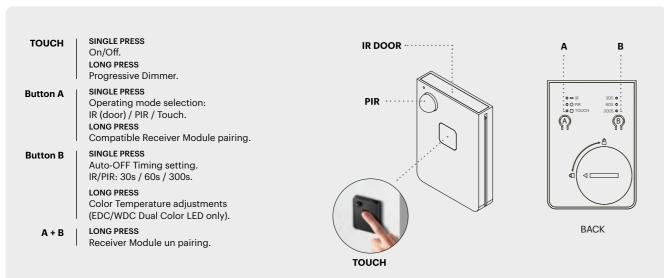
COMPATIBLE MODULES

BATTERY: CR2450 - 3V

It is possible to pair up to 5 radio transmitters with a single receiver module.



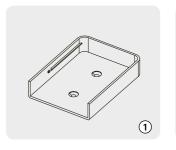




LITE sensor

ACCESSORI DI INSTALLAZIONE

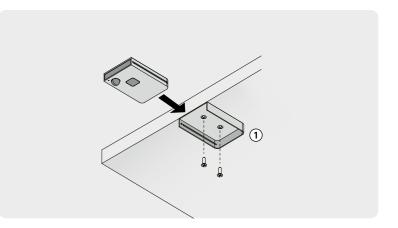
Lite sensor è installabile ad incasso o in superficie / muro tramite gli appositi accessori di installazione inclusi



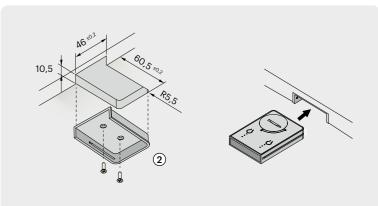


OPZIONI DI INSTALLAZIONE









LITE remote

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2.4GHz RADIO FREQUENCY TRANSMITTER

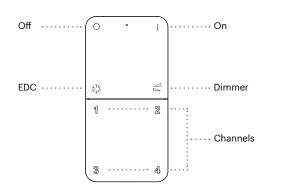
4 independent channels.

Individually controls all lamps connected to compatible Smart control modules (up to 6 modules).



CHANNELS	CONTROLS	CODE
4	On-Off / Dimmer	on 756200639
	Color temperature (EDC/WDC)	3 756200638

RADIO RANGE: 15m INDOOR BATTERY: CR2032 - 3V INCLUDED (3 YEARS)



MAGNETIC WALL SUPPORT

Installation by means of screws or double-sided tape (provided) INCLUDED





COMPATIBLE RECEIVER MODULES

It is possible to pair up to 5 radio transmitters with a single receiver module.





Zigbee Module 1 channel











CONTROL MODULE FOR LED LAMPS

V IN/OUT: 24 V DC

2,4GHz Radio frequency reeceiver - Single Channel. WIth ZigBee protocol.

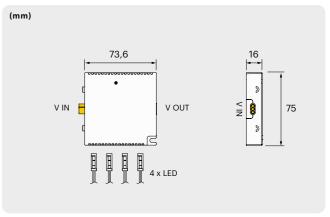
Simultaneous control of up to 4 LED lamps with compatible radio frequency transmitters, can be used with MONO or Dual Color (EDC/WDC) LEDs (mode setting via on board DIP Switch). The module works with the ZigBee wireless protocol and can be connected with other Smart Home devices in a reliable low-energy consumption mesh network through a compatible Bridge (e.g., Philips Hue - not included). Maintain the same operating voltage of 24V for all connected modules in a continuous line.

Functions: On-Off, dimming and color temperature adjustment (LED EDC/WDC).

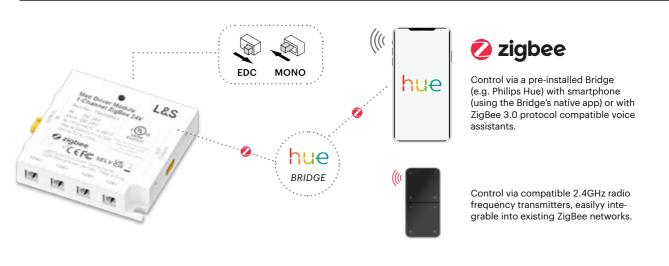
WAYS	MAX LOAD	V IN	LED	CODE
4	120 W Total 72 W Single way	24V DC	MONO EDC / WDC	756200028

For use with lamps without integrated switching system only.





REMOTE CONTROL



P.399

COMPATIBLE 2.4GHz TRANSMITTERS

It is possible to pair up to 5 radio transmitters with a single ZigBee receiver module.



Zigbee Module 4 channel











CONTROL MODULE FOR LED LAMPS

V IN/OUT: 24 V DC

2,4GHz Radio frequency reeceiver - 4 Channels. WIth ZigBee protocol.

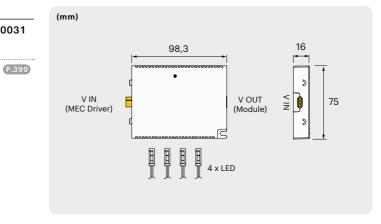
Individual control of up to 4 LED lamps with compatible radio frequency transmitters, can be used with MONO or EDC/WDC Dual color LEDs (mode setting via on board DIP Switch). The module works with the ZigBee wireless protocol and can be connected with other Smart Home devices in a reliable low-energy consumption mesh network through a compatible Bridge (e.g., Philips Hue - not included). Maintain the same operating voltage of 24V for all connected modules in a continuous line.

Functions: On-Off, dimming and color temperature adjustment (LED EDC/WDC).

WAYS	MAX LOAD	VIN	LED	CODE
4	120 W Total 72 W Single way	24V DC	MONO EDC / WDC	756200031

For use with lamps without integrated switching system only.





REMOTE CONTROL



COMPATIBLE 2.4GHz TRANSMITTERS

It is possible to pair up to 5 radio transmitters with a single ZigBee receiver module.



4 channel remote

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2.4GHz RADIO FREQUENCY TRANSMITTER

4 independent channels.

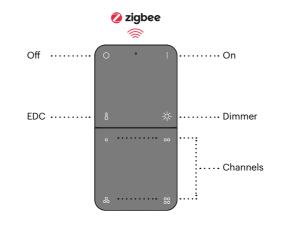
Compatible for integration in ZigBee networks.

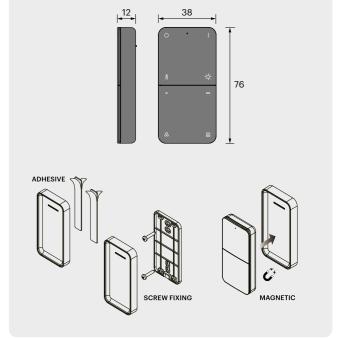
Compatible with 1-channel ZigBee control modules (individual control of multiple modules paired on transmitter's channels) or 4-channel ZigBee control modules (individual control of the lamps connected to the module). It is possible to pair up to 6 compatible modules with each transmitter.



CHANNELS	CONTROLS	со	DE
4	On-Off / Dimmer Color temperature (EDC/WDC)	•	756200040

RADIO RANGE: 15m INDOOR BATTERY: CR2032 - 3V INCLUDED (3 YEARS)





MAGNETIC WALL SUPPORT

Installation by means of screws or double-sided tape (provided) INCLUDED





COMPATIBLE RECEIVER MODULES

It is possible to pair up to 5 radio transmitters with a single receiver module.





Sensor Module

LIGHTING INTELLIGENCE

CONTROL MODULE FOR LED LAMPS

V IN/OUT: 24 V DC

2,4GHz Radio frequency reeceiver - 3 Channels. N°3 cabled sensors inputs.

Control module with 3 LED Output Groups (3x2 ways): can be controlled via Cabled Sensors (3 inputs) or Wireless Sensors (3 channels). Using the built-in DIP Switch it is possible to set the switching mode, the color temperature of the connected lamps (LED Dual Color EDC/WDC) and the automatic switch-off timer (for PIR or IR swing door sensors). Maintain the same operating voltage of 24V for all connected modules in a continuous line.

Functions: On-Off, dimming and color temperature adjustment (LED EDC/WDC).

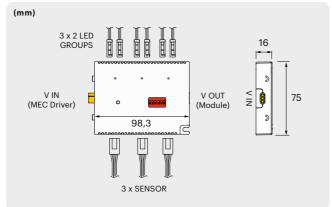
WAYS	MAX LOAD	VIN	LED	CODE
3x2*	120 W Total 72 W Single way	24V DC	MONO EDC / WDC	756200033

* Each group of 2 LED outputs (3 groups total) is associated with a specific Wireless channel and a specific input for cabled sensors

P.399

For use with lamps without integrated switching system only.





COMPATIBLE 2.4GHz TRANSMITTERS

NOT INCLUDED



COMPATIBLE CABLED SENSORS

NOT INCLUDED



Sensor Module

SWITCHING MODES

GROUP SWITCHING

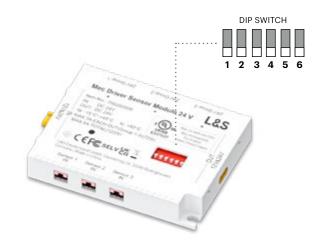
Each group of LED outputs is controlled by the corresponding sensor / switch.

OR SWITCHING

For PIR or IR Door sensors: all LED outputs are switched together, regardless of the sensor activated. If more than one sensor is activated, the connected LED devices will remain on: all sensors must be deactivated to switch the devices off.

CROSS SWITCHING

Each sensor / switch controls all connected LED devices simultaneously.



DIP SWITCH SETTINGS

SWITCHING MODE	GROUP		OR	CROSS
SELECTION	1 2 DOOR Sensor	1 2	1 2 DOOR Sensor	1 2
	PIR Sensor CAP Sensor Rocker switch	IR Sensor	PIR Sensor CAP Sensor Rocker switch	IR Sensor CAP Sensor Rocker switch
COLOR TEMPERATURE OF CONNECTED LAMPS	2700К	3000К	4000K	6500K
Can only be used with Dual Color EDC/WDC LEDs.	3 4	3 4	3 4	3 4
PIR SENSORS: SWITCH-OFF TIMER SETTING	10 sec.	60 sec.	3 min.	10 min.
Time is calculated from the last sensor detection.	5 6	5 6	5 6	5 6
IR DOOR SENSORS: SWITCH-OFF TIMER SETTING	10 min.	60 min.	24 h	NO TIME
The time is calculated from the last door opening.				

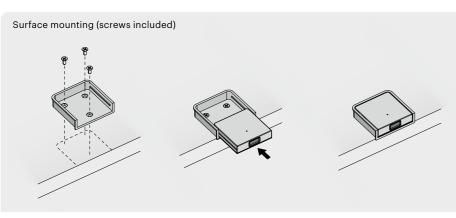
CODE

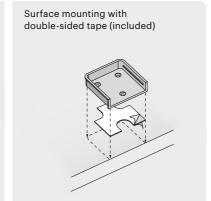
(mm)

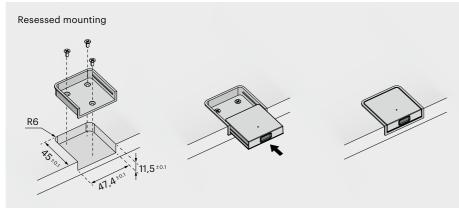
8,25 1,55

Sensor Module

WIRELESS SENSORS 2.4GHz





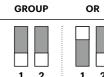






IR DOOR Wireless battery operated Door Sensor (ON-OFF). Recessed or surface installation with included spacer.

Available in Black or White. Dimensions: 43 x 43 x 10mm





CODE



IN SENSOR
Wireless battery operated IR Sensor (touch switch)
Recessed or surface installation with included spacer
ON-OFF / Dimmer

Available in Black or White. Dimensions: 43 x 43 x 10mm

CODE	CROSS	GROUP
3 756200810		
(e) 756200808		
	1 2	1 2



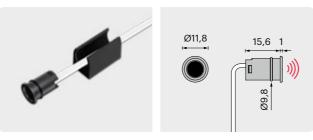
Wireless battery operated PIR Motion Sensor (ON-OFF). Recessed or surface installation with included spacer

Available in Black or White. Dimensions: 43 x 43 x 2 mm



Sensor Module

CABLED SENSORS - 2000mm

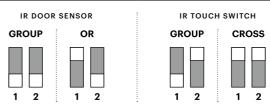


IR SENSOR / DOOR SENSOR

Mini cabled Sensor for recessed or surface installation with spacer (sold separately). Can be used as:

- IR Door Sensor (ON-OFF)
- IR Sensor (touch switch, ON-OFF / Dimmer)

Hole: Ø10mm / Range: 50mm max



	CODE
IR / DOOR Sensor (2000mm cable)	941300049
Spacer	943900004

PIR SENSOR

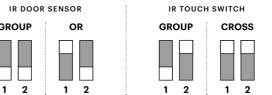
Mini cabled Motion Sensor (ON-OFF) for recessed installation. Surface installation with swiveling spacer (sold separately).

Distance / Detection angle: 3000mm max. / 70

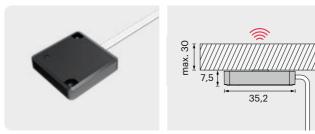
GROUP

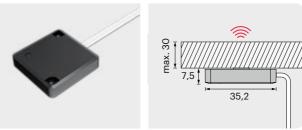
1 2

OR



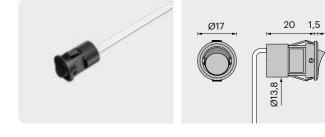
	СОВ
PIR Sensor (2000mm cable)	94130005
Spacer	94390000





Cabled touch pad for hidden installation behind wooden, glass or ceramic surfaces (e.g. under kitchen countertop). Installation by screws or double-sided tape (included).

Dimensions: 35,2 x 35,2 x 7,5 mm Maximum surface thickness: 30 mm max.



Mini cabled rocker switch (On/Off) for recessed mounting.

Hole: Ø14mm



	CODE
CAP Sensor (2000mm cable)	941300051



Rocker swicth (2000mm cable) 941300052

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CONTROL MODULE FOR LED LAMPS

V IN/OUT: 24 V DC

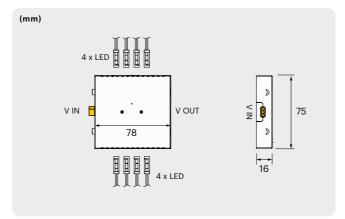
With Casambi protocol.

Simultaneous control of up to 8 LED lamps via Bluetooth with a smartphone, can be used with MONO or EDC/WDC Dual color LEDs (mode setting via App). The module operates on the Casambi wireless protocol, based on the reliable Bluetooth Mesh technology, connected with other Smart Home devices in a reliable low-energy consumption mesh network. Maintain the same 24V operating voltage for all modules connected in a continuous line.

Functions: On/Off, adjustment of light intensity and color temperature (EDC/WDC LEDs).

WAYS	MAX LOAD	VIN	LED	CODE
8	150 W Total 72 W Single way	24V DC	MONO EDC / WDC	756200888
For use	e with lamps without in	ntegrated	•	(P.399)





LITE **DL**

24V CE CE CELV E

CONTROL MODULE FOR LED LAMPS

V IN/OUT: 24 V DC

With DALI-2 protocol.

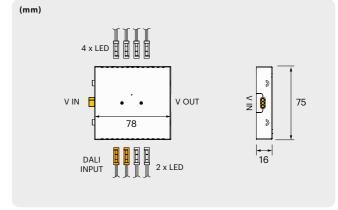
Simultaneous control of up to 6 LED lamps via DALI protocol, available for MONO (DALI DT6) or EDC/WDC Dual Color LED (DALI DT8). Certified by the DALI Alliance according to the international DALI-2 standard (Digital Addressable Lighting Interface), ensuring high quality, component interoperability, and compatibility between products from different manufacturers. Maintain the same operating voltage of 24V for all connected modules in a continuous line.

Functions: On-Off, dimming and color temperature adjustment (LED EDC/WDC).

WAYS	MAX LOAD	VIN	LED	CODE
6	150 W Total	24V DC	MONO	756200889
	72 W Single way		EDC / WDC	756200890

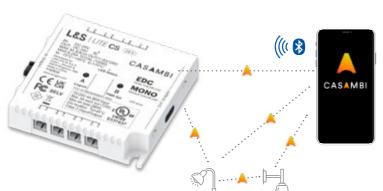
For use with lamps without integrated switching system only.





REMOTE CONTROL

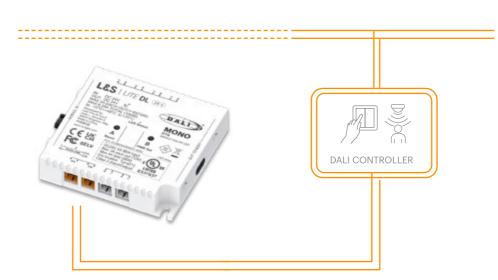
switching system only.



CASAMBI

Control via smartphone with the Bluetooth app by Casambi, allowings advanced wireless control of lighting and home automation systems (available for free download from the App Store and Google Play).

REMOTE CONTROL





MONO LED: DALI DT6
EDC/WDC Dual color LED: DALI DT8
LITE DL enables more advanced

lighting control, including dimming and color temperature adjustment, allowing for more flexible management of lights and environments, compatible with different configuration needs. It can also be controlled by a simple normally open (push) button to adjust the intensity of the LED lights, offering dual control modes: digital and manual.

Wired C

24 V (€ 🗵

CONTROL MODULE FOR 24V LED LIGHTS

V IN/OUT: 24 V DC

N°2 cabled sensors inputs

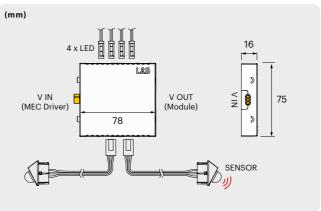
Up to 4 lamps (LED MONO) simultaneous control; compatible with cabled IR, PIR and TOUCH sensors, sold separately (max. 2 sensors per module - Sensors are supplied as standard with 700mm cable, 3000mm cable sold separately). Maintain the same operating voltage of 24V for all connected modules in a continuous line.

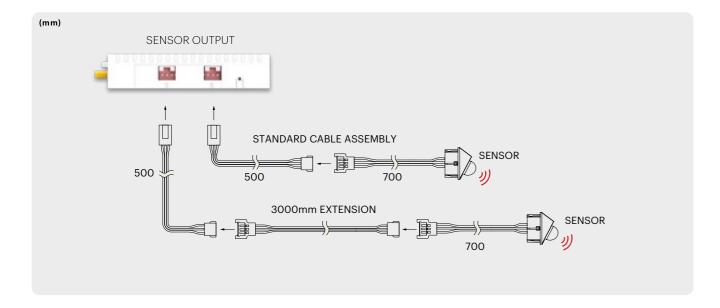
Functions: On-Off / Dimming.



WAYS	MAX LOAD	VIN	LED	CODE
4	120 W Total 72 W Single way	24V DC	MONO	756200895
For use with lamps without integrated switching system only.				P.399







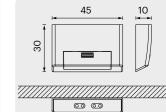
Wired C

CABLED SENSORS

IR DOOR WEDGE CODE Handy, small-sized door contact sensor for surface 941300700 mounting; its 2 IR detectors on board make it ideal for two-door cabinets.

Cable hole: Ø8mm





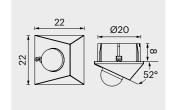
PIR SENSOR CODE Motion sensor for recessed mounting. 941300701 Switch-off time (16 or 180 seconds, starting from

last detection) selectable on the WIRED-C module.

Memory of setting also in case of a power failure.

Hole: Ø20mm

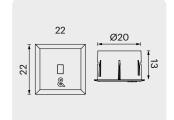




TOUCH SENSOR CODE Touch switch for recessed mounting. 941300702 Long touch for a stepless dimming (10%-100%).

Memory of setting also in case of a power failure. Hole: Ø20mm





DOUBLE IR SENSOR CODE Handy, small-sized door contact sensor for 941300703

make it ideal for two-door cabinets.

recessed mounting; its 2 IR detectors on board

Hole: 27x12mm



