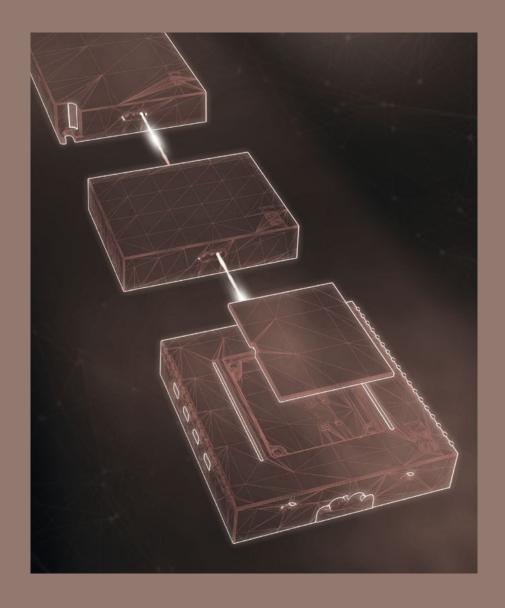
Mec Driver

PATENTED

INNOVATIVE, MODULAR AND VERSATILE POWER SUPPLY PLATFORM





LIGHTING INTELLIGENCE MEC DRIVER



2

Our innovative "Plug&Play" platform

promises to transform the world of LED lighting

Now you can build your own lighting and home modular automation power supply system - which has been approved for almost any global market with incredible speed and ease of assembly.

The heart of the system is the new multi-voltage power source, available in six different levels of wattage (18, 36, 48, 60-72, 90 and 120W) and suitable for all common socket-types. It is possible to connect the modules for remote regulation of every aspect of home lighting, sound and automation.

In this way you can reach a compact and modular solution, for a complete control of all system.

ONE DRIVER, **ENDLESS OPTIONS** BOTH 12 AND 24 VDC



IT WORKS BOTH 12VDC AND 24VDC



AVAILABLE MODULE TYPES



MULTI-VOLTAGE Input: 100\240V AC Output: 12\24V DC

INTERNATIONAL ACCREDITATIONS

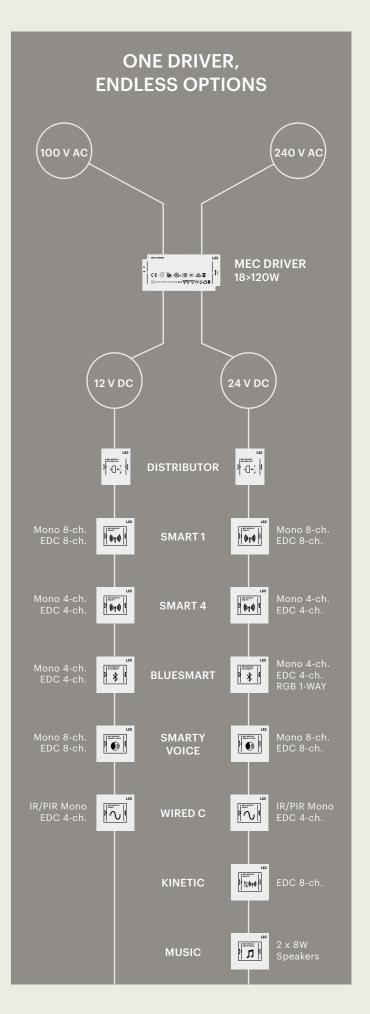


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REMOTE AND VOICE CONTROL Connection via Wi-fi, Radio Frequency (R.F.), Bluetooth, Zigbee, wired sensors



MEC DRIVER

Scenario 1

First choose how to control the lights, and then the driver to associate

1	How do you want control the lights you already have?
	nave:



MODULE

How many light fixture must be connected to a single module?



Driver MAX 18W

Driver MAX 36W

Driver MAX 48W

European (EU)

Korean (KR)

100-240V~

100-240V~

Less than 2 light fixture All the Modules Between 3 and 4 light fixture All the modules except y cable More than 4 light fixture Distributor, smart 1, smarty simultaneously controlled (up to n°8 input) voice module More than 4 light fixture Smart 4, bluesmart module separately controlled (up to n°4 input) (connection of multiple modules)

all the modules can be connected in a daisy chain until the maximum load of the driver used

Connect only lights with or without controller onboard

Control lights by using remote controllers and sensors

for ON-OFF, dimming and colour management functions

for ON-OFF, dimming and colour management functions

for ON-OFF function

Listening music by using smartphone

Control lights by using wired controllers and sensors

for ON-OFF, dimming and colour management functions

Control lights by using smartphone and/or remote controllers and sensors

Control lights by using voice controls and/or remote controllers and sensors

light panels could be required more inputs for each single model

Works both

Works both

Works both

12vdc and 24vdc

12vdc and 24vdc

For all the drivers

For all the drivers

Distributor Module

Module

Bluesmart

Smarty voice

Wired (ir e pir)

Smart music Module

Module

Module

Module

Smart 1 e smart 4

N° OF INPUT

Which power (W) and voltage (12-24VDC) have the light fixtures to connect?



DRIVER

Which type of plugs do you need?



PLUGS + DAISY CHAIN

100-240V~	12vdc and 24vdc
Driver MAX 60W (12VDC) \ 72W (24VDC) 100-240V-	Works both 12vdc and 24vdc
Driver MAX 90W 100-240V~	Works 24vdc
Driver MAX 120W 100-240V-	Works 24vdc
United Kingdom (GB)	For all the drivers
Chinese (CN)	For all the drivers
Australian (AU)	For all the drivers
American (US)	For all the drivers

for multiple drivers to be connected to a single wall socket, it is possible to request the "Daisy Chain" module

••

••

Scenario 2

I have already choose the light fixtures, i need a driver to connect them

Which power (W) and voltage (12-24VDC) have the light		Driver MAX 18W 100-240V~		Works both 12vdc and 24vdc
	fixtures to connect?	Driver MAX 36W 100-240V~		Works both 12vdc and 24vdc
		Driver MAX 48W 100-240V~		Works both 12vdc and 24vdc
	(Fill)	Driver MAX 60W (12VI 100-240V~	DC) \ 72W (24VDC)	Works both 12vdc and 24vdc
		Driver MAX 90W 100-240V~		Works 24vdc
DRI	VER	Driver MAX 120W 100-240V~		Works 24vdc
2	Which type of plugs do you need?	United Kingdom (GB)	<u></u>	For all the drivers
_ yo	you need?	Chinese (CN)		For all the drivers
		Australian (AU)	\odot	For all the drivers
.50		American (US)		For all the drivers
1		European (EU)	(B)	For all the drivers

••

PLUGS+ DAISY CHAIN

Korean (KR)

 $for \ multiple \ drivers \ to \ be \ connected \ to \ a \ single \ wall \ socket, \ it \ is \ possible \ to \ request \ the \ "Daisy \ Chain" \ module$

How many light fixture must be connected to a single module?



Less than 2 light fixture All the Modules Between 3 and 4 light fixture All the modules except y More than 4 light fixture Distributor, smart 1, smarty simultaneously controlled (up to n°8 input) voice module More than 4 light fixture Smart 4, bluesmart module separately controlled (up to n°4 input) (connection of multiple modules)

NOTE 1 all the modules can be connected in a daisy chain until the maximum load of the driver used

NOTE 2 light panels could be required more inputs for each single model

For all the drivers

N° OF INPUT

How do you want control the lights you already



ODULE	

Connect only lights with or without controller onboard	Distributor Module
Control lights by using remote controllers and sensors for ON-OFF, dimming and colour management functions	Smart 1 e smart 4 Module
Control lights by using smartphone and/or remote controllers and sensors for ON-OFF, dimming and colour management functions	Bluesmart Module
Control lights by using voice controls and/or remote controllers and sensors for ON-OFF, dimming and colour management functions	Smarty voice Module
Control lights by using wired controllers and sensors for ON-OFF function	Wired (ir e pir) Module
Listening music by using smartphone	Smart music Module

LIGHTING INTELLIGENCE MEC DRIVER

Standard configuration example Mec driver

MEC DRIVER + DISTRIBUTOR MODULE

L&S

The power supply module, connected to the mains with the power cable and combined with the distributor module, allows up to 8 lamps to be controlled.



Advanced configuration example Mec driver

MEC DRIVER + BLUESMART MODULE

The power supply module, connected to the mains with the power cable and combined with the Bluesmart module, allows to control up to 4 lamps remotely through the suggested controllers or directly from your smartphone with the Bluesmart app.





Warm White (~3000K) Natural White (~4000K) Cold White (~6500K)



Emotion Dual Color (3000K ÷ 4000K)



Emotion (2700K ÷ 6500K)



RGB



Compatible with Smart remote controller



ON - OFF and dimming



Colour management



Bluetooth connection via smartphone



Compatible with Amazon Alexa



Compatible with Google Home



frared switch



Infrared switch for door applications



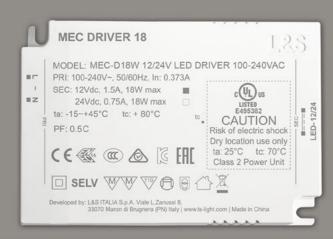
Pir sensor for door applications

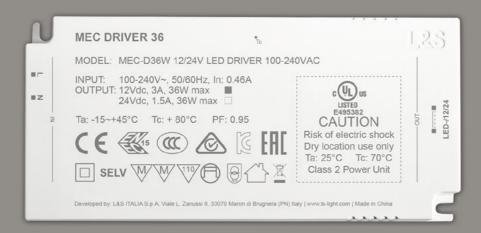


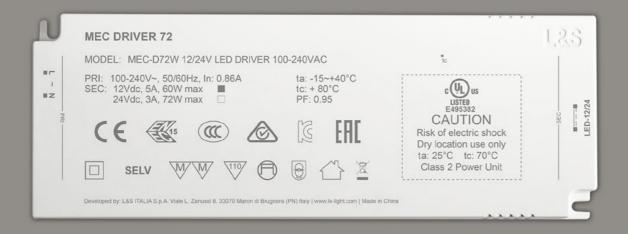
Speaker for audio management



L&S LIGHTING INTELLIGENCE MEC DRIVER







MEC Driver

The patented LED power supply system, certified for almost all world markets.

Modular design to create endless solutions by yourself, with the possibility of integrating various control modules in a simple and intuitive way, for remote regulation of every aspect of lighting, sound and home automation.

MEC Driver system

Power supply module

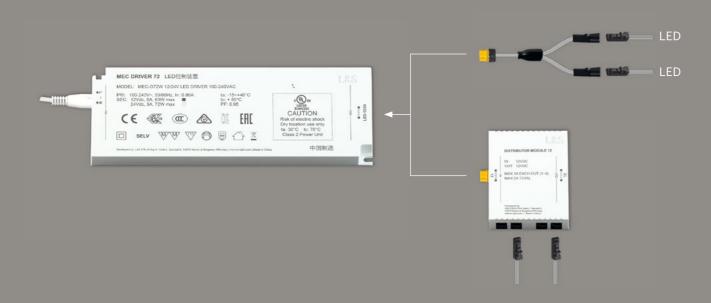
The heart of the system, a power supply module with an input voltage of 100-240 V AC, for use on a global scale. Connection to 12-24V LED lamps via distribution and control modules

LIGHTING INTELLIGENCE



Distribution modules

Direct lamps connection to Mec Driver via splitter cable (2 ways out) connection box or distributor module (6 or 8 ways out). For lamps with or without integrated switching system.



SMART Control modules

Lamps connection with different control modules. Light management via remote controls and external sensors (Smart Remote), mobile phone (Bluetooth), wired IR/PIR sensors or voice commands (Amazon - Google). For lamps without integrated switching system.

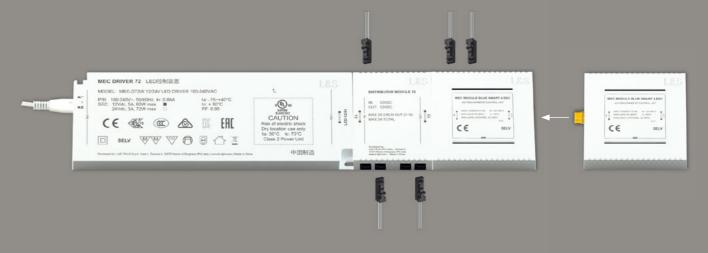






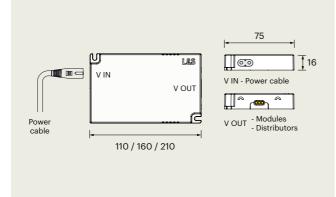
Modular design

Modules can be connected to other control or distribution modules as long as the same voltage (12V or 24V) is maintained. The maximum connectable load depends on the power (W) supplied by the driver.



MEC Driver POWER SUPPLY MODULE





POWER SUPPLY MODULE FOR LED LAMPS V IN: 100-240V (V OUT: 12-24V)

modules in a simple and intuitive way.

Patented LED power supply system, certified for almost all world markets. Connection to 12-24V LED lamps via distribution and control modules: modular design to create endless solutions by yourself, with the possibility of integrating various

Choose the correct power cable (sold separately) according to the type of plug suitable for your reference market.

V IN	w	V OUT	L x P x H (mm)	CODE
100-240V AC	18W	12-24V DC	110 x 75 x 16	12591340100
	36W	12-24V DC	160 x 75 x 16	12591350100
	48W	12-24V DC	160 x 75 x 16	12591360100
	60W	12V DC	210 x 75 x 16	12591370100
	72W	24V DC		
	90W	24V DC	210 x 75 x 16	12591380100
	120W	24V DC	210 x 75 x 16	12591390100

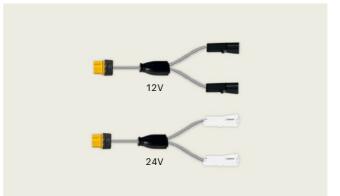


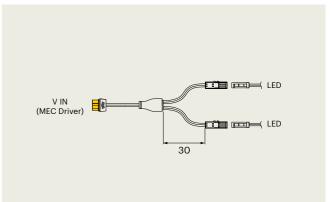
/ IN / OUT	L (mm)	PLUG	CODE
100-240V AC	2000mm	UK	12606660100
		II CN	12606670100
		AU AU	12606680100
		II US	12606690100
		© EU	12606710100
		◆ KR	12606720100

Y CABLE DISTRIBUTION CABLE

DISTRIBUTION MODULES

C€ℤ





PARALLEL TWIN SOCKET PLUG FOR LED LAMPS

Connection to LED lamps with without integrated switching system; available in 12V or 24V versions.

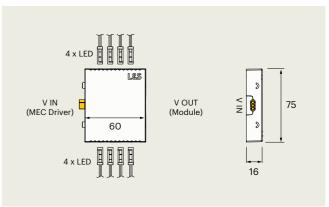
WAYS	LED	VIN	MAX LOAD	CODE
8	MONO EDC	12V DC	18W - 2A Total	12606830000
		24V DC	18W - 2A Total	12606840000

DISTRIBUTOR 8 WAYS MODULE

DISTRIBUTION MODULES







DISTRIBUTION MODULE FOR LED LAMPS

Connection up to 8 lamps with or without integrated switching system; available in 12V or 24V versions: can be connected to other control or distribution modules as long as the same voltage is maintained.

WAYS	MAX LOAD	V IN	LED	CODE
8	5A Total 3A Single way	12V DC	MONO EDC	24600130100
		24V DC	MONO EDC	24600140100

SMART 1 8 WAYS MODULE

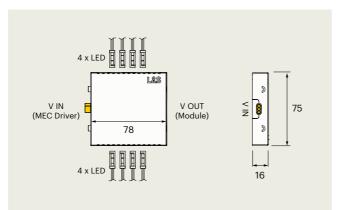
((1)) CONTROL MODULES

C€∑



RADIO FREQUENCY CONTROL MODULE ON-OFF / Dimmer / Color Temperature (EDC)

Up to 8 lamps simultaneous control. Compatible with Smart sensors and controllers. Available in 12V or 24V versions: can be connected to other control or distribution modules as long as the same voltage is maintained.



WAYS	MAX LOAD	V IN	LED	CODE
8	5A Total	12V DC	MONO	24201850100
	3A Single way		EDC	24201860100
		24V DC	MONO	24201870100
			EDC	24201880100

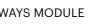
SMART SENSORS AND CONTROLLERS



Smart Up 1 \rightarrow p. 24 Smart Touch \rightarrow p. 25 Smart Ghost → p. 26

Smart Switch → p. 26 Smart Sensors \rightarrow p. 27

SMART 4 4 WAYS MODULE



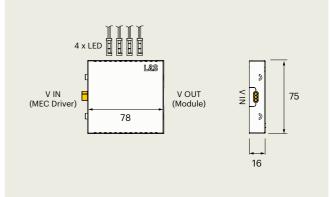






RADIO FREQUENCY CONTROL MODULE ON-OFF / Dimmer / Color Temperature (EDC)

Up to 4 lamps individual control. Compatible with Smart sensors and controllers. Available in 12V or 24V versions: can be connected to other control or distribution modules as long as the same voltage is maintained.



WAYS	MAX LOAD	V IN	LED	CODE
4	5A Total	12V DC	MONO	24201890100
	3A Single way		EDC	24201900100
		24V DC	MONO	24201910100
			EDC	24201920100

SMART SENSORS AND CONTROLLERS



Smart Up $4 \rightarrow p. 24$ Smart Touch \rightarrow p. 25 Smart Ghost → p. 26

Smart Switch \rightarrow p. 26 Smart Sensors \rightarrow p. 27

BLUESMART 4 WAYS MODULE

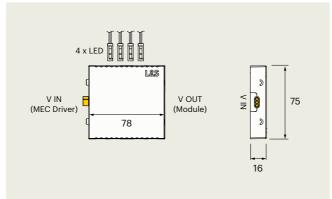
((1)) CONTROL MODULES

C€ 🗵



RADIO FREQUENCY AND BLUETOOTH CONTROL MODULE ON-OFF / Dimmer / Color Temperature (EDC)

Up to 4 lamps individual control using the BlueSmart app, which can be downloaded for free from App Store and Google Play (p.109). Compatible with Smart sensors and controllers. Available in 12V or 24V versions: can be connected to other control or distribution modules as long as the same voltage is maintained.



WAYS	MAX LOAD	V IN	LED	CODE
4	5A Total 3A Single way	12V DC	MONO	24201740100
			EDC	24201750100
		24V DC	MONO	24201760100
			EDC	24201770100

SMART SENSORS AND CONTROLLERS



Smart Up $4 \rightarrow p.24$ Smart Touch \rightarrow p. 25 Smart Ghost \rightarrow p. 26 Smart Switch → p. 26 Smart Sensors \rightarrow p. 27

BLUESMART RGB 1 WAY MODULE



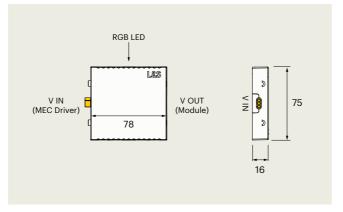
C€ ℤ



RADIO FREQUENCY AND BLUETOOTH CONTROL MODULE ON-OFF / Dimmer / RGB Control

Control of 1 RGB lamp using the BlueSmart app, which can be downloaded for free from App Store and Google Play (p.109).

Compatible with Smart sensors and controllers. 24V version: can be connected to other control or distribution modules as long as the same voltage is maintained.



WAYS	MAX LOAD	V IN	LED	CODE
1 RGB	5A Total 3A Single way	24V DC	RGB	24201780100
Cable a	dapter / Distributor	24V DC	RGB	12607580100
			RGBW	12607340000

SMART SENSORS AND CONTROLLERS



Smart 4 RGB \rightarrow p. 25

BLUESMART MOBILE APP

APP FOR CONTROL MODULES



DEVICE SETTING

Displays the connected devices divided into zones



SCENARIO MODE

Up to 4 different scenarios with custom settings



SWITCH MODE

Select, switch on or off individual zones



WHITE MODE (EDC)

Color temperature selection for each individual lamp



DIMMER MODE

Adjust the light intensity of each individual lamp



RGB MODE (RGB VERSION)

Color tone selection for each individual lamp

COMPATIBLE WITH BLUESMART MODULES (P.16) - FREE DOWNLOAD







Google Play

SMARTY VOICE 8 WAYS MODULE

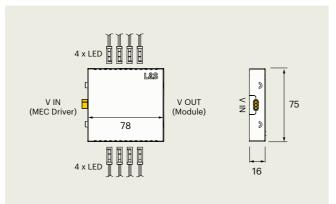






RADIO FREQUENCY AND VOCAL CONTROL MODULE ON-OFF / Dimmer / Color Temperature (EDC)

Up to 8 lamps simultaneous control via voice commands with Amazon Alexa and Google Home devices; compatible with Smart sensors and controllers. Available in 12V or 24V versions: can be connected to other control or distribution modules as long as the same voltage is maintained.



WAYS	MAX LOAD	V IN	LED	CODE
8	5A Total	12V DC	MONO	24201810100
	3A Single way		EDC	24201820100
		24V DC	MONO	24201830100
			EDC	24201840100

SMART SENSORS AND CONTROLLERS



Smart Up 1 \rightarrow p. 24 Smart Touch \rightarrow p. 25 Smart Ghost \rightarrow p. 26

Smart Switch → p. 26 Smart Sensors \rightarrow p. 27

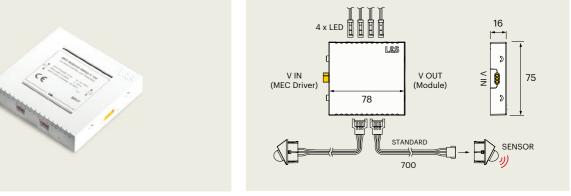
WIRED C 4 WAYS MODULE







MEC DRIVER



CONTROL MODULE WITH WIRED SENSORS ON-OFF / Dimmer

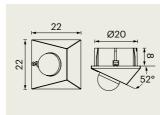
Up to 4 lamps simultaneous control; compatible with cabled IR, PIR and TOUCH sensors, sold separately (max. 2 sensors per module); available in 12V or 24V versions: can be connected to other control or distribution modules as long as the same voltage is maintained.

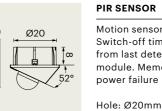
Sensors are supplied as standard with 700mm cable (3000mm cable sold separately)

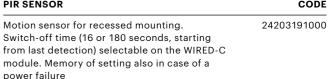
WAYS	MAX LOAD	V IN	LED	CODE
4	5A Total	12V DC	MONO	24203170100
	3A Single way	24V DC	MONO	24203210100

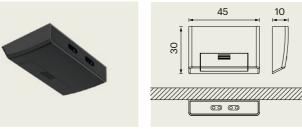
EXTRA SENSOR CABLE	CODE
3000mm	12608841000











10	IR DOOR WEDG
	Handy, small-size surface mountin make it ideal for
	Cable hole: Ø8m

	IR DOOR WEDGE
	Handy, small-sized door contact s surface mounting; its 2 IR detector make it ideal for two-door cabine
///	Cable hole: Ø8mm

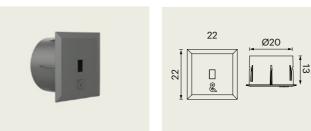
CODE	
24203181000	

CODE

24203201000

CODE

sensor for tors on board ets



TOUCH SENSOR

Touch switch for recessed mounting. Long touch for a stepless dimming (10%-100%). Memory of setting also in case of a power failure

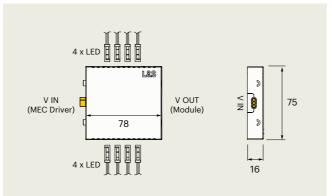
Hole: Ø20mm

KINETIC 8 WAYS MODULE

((1)) CONTROL MODULES

C€∑





RADIO FREQUENCY CONTROL MODULE ON-OFF / Dimmer / Color Temperature

Up to 8 lamps simultaneous control with dedicated remote, sold separately; available in 24V version: can be connected to other control or distribution modules as long as the same voltage is maintained.

The piezoelectric technology EDC Radio remote control works without battery, avoiding any type of maintenance.

20

WAYS	MAX LOAD	V IN	LED	CODE
8	5A Total 3A Single way	24V DC	EDC	24202510100



	8	6	16,92
86	·휴.	(f)	
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KINETIC EDC RADIO REMOTE CONTROL

CODE

Range: 15m indoor

24202530100

SMART MUSIC AUDIO MODULE



AUDIO PLAYBACK MODULE





SPEAKER (MEC Driver) 1000 2000 SPEAKER n°2

BLUETOOTH AUDIO PLAYBACK MODULE

The Smart Music module allows you to reproduce the audio signal of your smartphone through the exciters, active speakers that, applied inside furniture or behind mirrors, transform surfaces into acoustic diffusers, thus creating an invisible sound system. Available as a kit with one or two speakers (two speakers are recommended for surfaces larger than 3 m²). Can be connected to other control or distribution modules as long as the same voltage (24V) is maintained.

V IN	ОИТРИТ	CODE
24V DC	1x SPEAKER 8W (15W consumption)	24601810100
	2x SPEAKER 8W (15W + 15W consumption)	24601820100

ACTIVE SPEAKER





LIGHTING INTELLIGENCE

Smart-home ready

MEC DRIVER



Functional solutions for remote control of all the LED lamps connected to SMART Control modules.

A wide range of wireless sensors and controllers, to customize every aspect of the light by controlling switch on-off, light intensity and Color Temperature (EDC versions for EDC Dual Color and EMOTION light sources)

MEC DRIVER

SMART UP 1 CONTROLLER

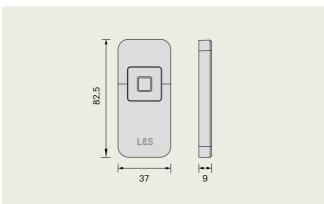


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TOUCH BATTERY OPERATED RADIO REMOTE CONTROL MONO/EDC - Range: 20m (indoor)

1 channel radio remote, for simultaneous control of all the lamps connected to compatible Smart control modules (up to 6 modules).



CHANNELS / LED	CONTROLS	CODE
1 CHANNEL	ON-OFF / Dimmer	24203240300
MONO/EDC	Temperatura colore (EDC)	

COMPATIBLE SMART MODULES

BATTERY INCLUDED



Smart 1 \rightarrow p.14 Bluesmart \rightarrow p.16 Smarty Voice → p.18



CR2032 3V (3 years)

SMART UP 4 CONTROLLER



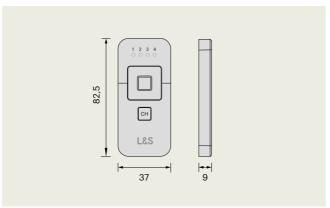




TOUCH BATTERY OPERATED RADIO REMOTE CONTROL MONO/EDC - Range: 20m (indoor)

24

Radio remote with buttons and touch controls; with the possibility to control and store up to 4 independent channels; individual control of all the lamps connected to compatible Smart control modules (up to 6 modules).



CHANNELS / LED CONTROLS CODE 4 CHANNELS ON-OFF / Dimmer 24203250300 Temperatura colore (EDC) MONO/EDC

COMPATIBLE SMART MODULES

BATTERY INCLUDED



Smart $4 \rightarrow p.15$ Bluesmart → p.16



CR2032 3V (3 years)

SMART 4 CONTROLLER RGB

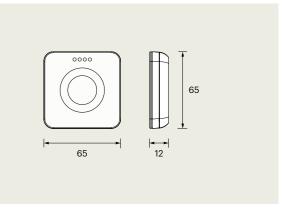
((1)) SENSORS AND CONTROLLERS





TOUCH BATTERY OPERATED RADIO REMOTE CONTROL RGB - Range: 20m (indoor)

Radio remote with buttons and touch controls; with the possibility to control and store up to 4 independent channels; individual control of all the lamps connected to compatible Smart control modules (up to 6 modules).



CHANNELS / LED CONTROLS CODE ON-OFF / Dimmer / RGB 4 CHANNELS 24200650101

COMPATIBLE SMART MODULES

BATTERY INCLUDED



Bluesmart RGB → p.16



CR2450 3V (3 years)

SMART TOUCH CONTROLLER

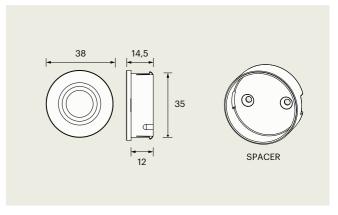






TOUCH BATTERY OPERATED RADIO REMOTE CONTROL MONO/EDC - Range: 15m (indoor)

1 channel radio remote for recessed mounting; complete with screw fixing spacer for surface mounting. Simultaneous control of all the lamps connected to compatible Smart control modules (up to 6 modules)



CHANNELS / LED CONTROLS CODE 1 CHANNEL ON-OFF / Dimmer 24200740100 MONO/EDC Temperatura colore (EDC)

COMPATIBLE SMART MODULES

BATTERY INCLUDED

25



Smart 1 / 4 \rightarrow p.14 / 15 Bluesmart \rightarrow p.16 Smarty Voice → p.18



CR2450 3V (3 years)

SMART GHOST DOOR SENSOR

((1)) SENSORS AND CONTROLLERS

C€ 🗵



MAGNET

BATTERY OPERATED WIRELESS DOOR SENSOR

MONO - Range: 20m (indoor)

1 channel sensor for recessed installation on furniture doors: ON-switching of all connected lamps at door opening, OFF-switching at door closing by means of a magnetic contact (without contact time activation is adjustable). Simultaneous control of all the lamps connected to compatible Smart control modules (up to 6 modules)

CHANNELS / LED CONTROLS

1 CHANNEL / MONO ON-OFF / Dimmer

CODE

24200690100

COMPATIBLE SMART MODULES

BATTERY INCLUDED



Smart 1 / 4 \rightarrow p.14 / 15 Bluesmart \rightarrow p.16 Smarty Voice → p.18



CR2450 3V (3 years)

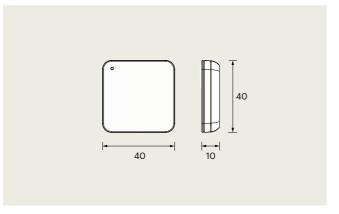
SMART SWITCH CONTROLLER



((1)) SENSORS AND CONTROLLERS







TOUCH BATTERY OPERATED RADIO REMOTE CONTROL

MONO/EDC - Range: 15m (indoor)

1 channel radio remote; ideal for retrofitting: it transforms standard wall buttons into wireless controllers by integrating with the existing system without the need for further interventions. Simultaneous control of all the lamps connected to compatible Smart control modules

CHANNELS / LED CONTROLS

1 CHANNEL ON-OFF / Dimmer Temperatura colore (EDC) MONO/EDC

24200660100

COMPATIBLE SMART MODULES

BATTERY INCLUDED



Smart 1 / 4 \rightarrow p.14 / 15 Bluesmart → p.16 Smarty Voice → p.18



CR2450 3V (3 years)

CODE

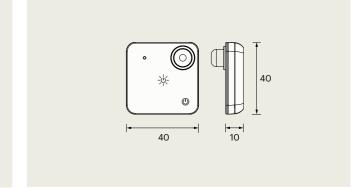
SMART SENSOR PIR SENSOR



(()))) SENSORS AND CONTROLLERS







WIRELESS BATTERY OPERATED MOTION SENSOR

MONO/EDC - Range: 2m

1 channel motion sensor for surface mounting; adjustable brightness threshold and time activation; selectable detection range; works also as radio remote control with touch buttons (range: 15m indoor). Simultaneous control of all the lamps connected to compatible Smart control modules (up to 6 modules)

CHANNELS / LED CONTROLS CODE 1 CHANNEL ON-OFF / Dimmer A: 24200750101 MONO/EDC Temperatura colore (EDC) **B**: 24200750300

COMPATIBLE SMART MODULES

BATTERY INCLUDED



Smart 1 / 4 \rightarrow p.14 / 15 Bluesmart \rightarrow p.16 Smarty Voice → p.18



CR2450 3V (3 years)

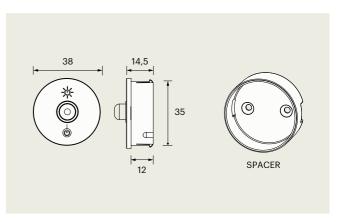
SMART SENSOR O PIR SENSOR



(()))) SENSORS AND CONTROLLERS







WIRELESS BATTERY OPERATED MOTION SENSOR

MONO/EDC - Range: 2m

1 channel motion sensor: adjustable brightness threshold and time activation; selectable detection range; works also as radio remote control with touch buttons (range: 15m indoor); for recessed mounting, complete with screw fixing spacer for surface mounting. Simultaneous control of all the lamps connected to compatible Smart control modules (up to 6 modules)



COMPATIBLE SMART MODULES

BATTERY INCLUDED



Smart 1 / 4 \rightarrow p.14 / 15 Bluesmart \rightarrow p.16 Smarty Voice → p.18



CR2450 3V (3 years)

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