

DIY

The ready-to-light platform,
easy, smart, integrated



L&S

DIY

The ready-to-light platform,
easy, smart, integrated

L&S

We create lighting solutions that enhance design and individual experience.

Sustainable design

We have embarked on a strategic journey to implement product development processes and activities inspired by the principles of the circular economy, collaborating with universities, designers, and research centers: a true investment for the future. At product level, we have focused on the development and improvement of the group's core products:

- development of a new generation of high-efficiency LED strips that enable energy savings of up to 50% compared to the previous version;
- Mec Lite platform, which reduces the use of components and minimizes overall dimensions, thanks to the distributor being integrated into the power driver;
- integration with smart home ready technologies for efficient, remote management of lighting, including all third-party protocols;
- Moove, a family of free-cut linear profiles: high-quality finishes and optimal light, 30% brighter than commercially available strips.

Patented and innovative products

Thanks to our expertise in Research and Development and the experience gained in integrating lighting into interior furnishings, we are able to transform your ideas into projects, prototypes, and finished products, working in constant collaboration with the technical departments of our clients. We are the ideal partner for the co-development of lighting solutions, providing added value to your products. The patents obtained for new developments testify to our commitment to innovation.

Our technologies for a dynamic light

- Addressable LEDs light to create unique interiors and play with lights to add value to furniture;
- gesture control with the innovative motion detection technology: light that responds to your movements, transforming kitchen lighting into an interactive experience;
- smart light system: it's easy to control the light from our remote control, app or voice assistants. We are fully compatible with the most important IoT smart protocols.



MOOVE FAMILY

Smart Home Ecosystem

With the Mec modular system, we manage lighting easily and offer various options for light control based on needs: from a simple touch of the button connected to the linear light, to the new sensor with three integrated functions (motion, infrared, and touch), up to remote management via transmitter, app, or voice commands.



HI LINE

Index

Do-it-yourself



FREE CUT SOLUTIONS

Free cut family	p.8
Moove 1	p.14
Moove 2	p.18
Moove 3	p.22
Moove 4	p.26
Moove 5	p.30

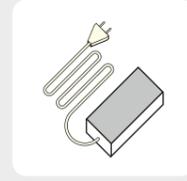
LED Reels



SMD-COB LED

LED Reels SMD FREE CUT	p.38
LED Reels COB	p.42
Cables and connectors	p.44
Switching systems	p.46

Power supply and control



POWER SUPPLY PLATFORM

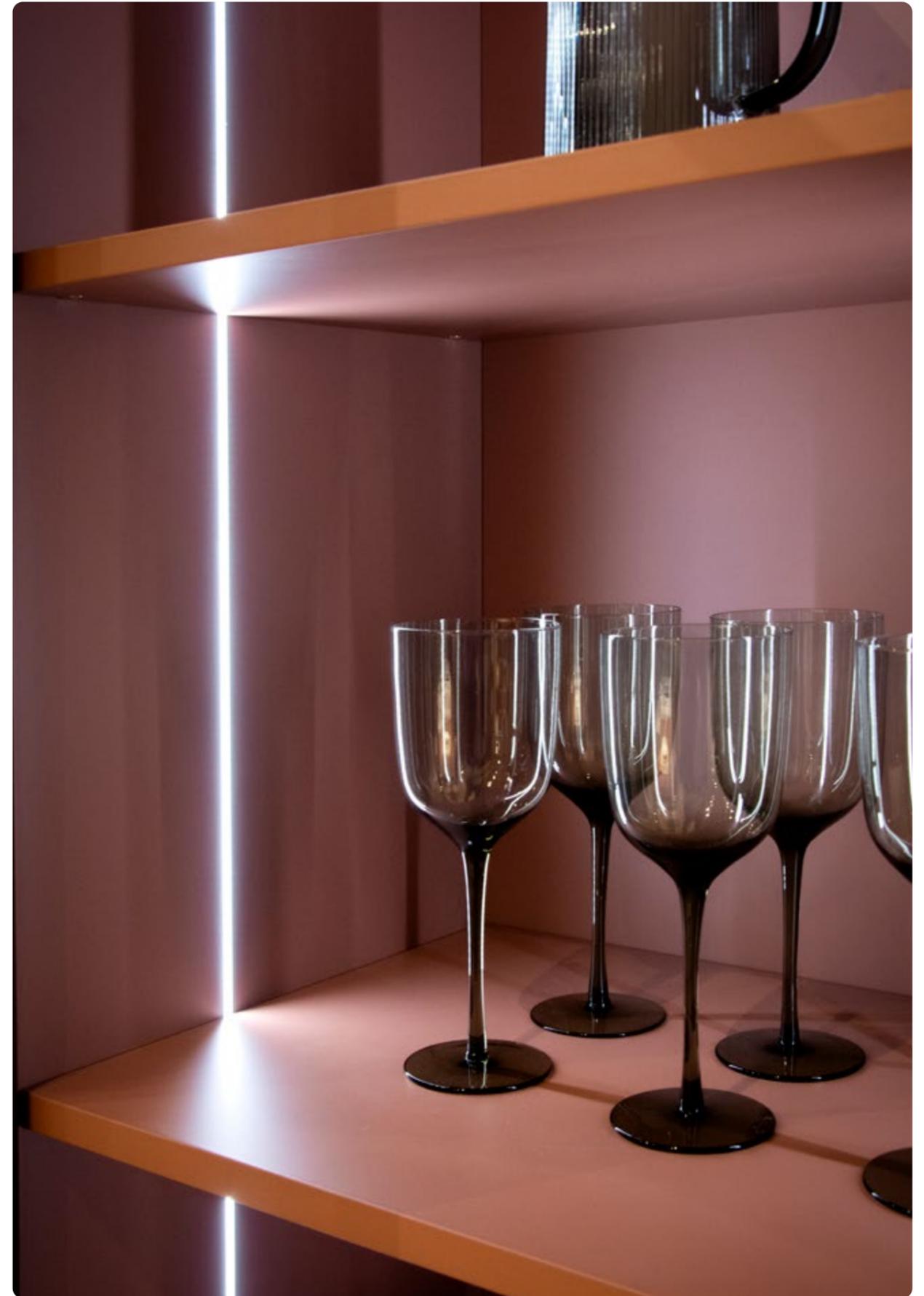
Mec Lite	p.48
----------	------

CONTROL MODULES

Lite MT MATTER	p.58
Lite BT BLUETOOTH	p.59
Zigbee Module 1CH	p.63
Zigbee Module 4CH	p.64
Wired C	p.72
Lite CS CASAMBI	p.70
Lite BT DALI	p.71

REMOTES AND SENSORS

Lite SENSOR	p.60
Lite REMOTE	p.62
4 channel REMOTE	p.65



Moove

The free cut family

"Free cut" lamps collection, customizable to the millimeter, to be independently assembled

Moove is a versatile DIY lighting system, ideal for enhancing any furniture in an easy and intuitive way. The collection includes various aluminum profiles that can be cut to size, supplied in 3m lengths complete with a polycarbonate diffuser: each profile incorporates a new state of the art "free cut" LED strip, **which can be cut together with the profile at any point without cutting pitch constraints or loss of functionality.** A solution with no material wasting, in which each cut section can be used, by means of practical "plug&play" power connectors, to create customized lamps down to the millimeter with a "full light" effect without shadow areas.

IDEAL FOR

- Wardrobe cabinets
- Undercabinet
- Shelf

FEATURES

- "plug&play" system
- easy installation/replacement
- cuttable to size
- integrated control



A complete range for every need

The Moove lamp collection includes various lighting solutions: a complete range of products to enhance furniture, for horizontal or vertical installation. **Moove 1** is a practical protruding profile, easy to install in any context without milling operations, ideal for refitting existing furniture; **Moove 2** is a small dimensions recessed profile with adjustable light beam, ideal for vertical installations inside the cabinet's sides; **Moove 3** is a versatile recessed profile, complete with various accessories for use in any environment; **Moove 4** is a flexible LED Reel for recessed installation, only 4mm wide, whilst **Moove 5** is the ideal solution for lighting drawers or inside kitchen base units.



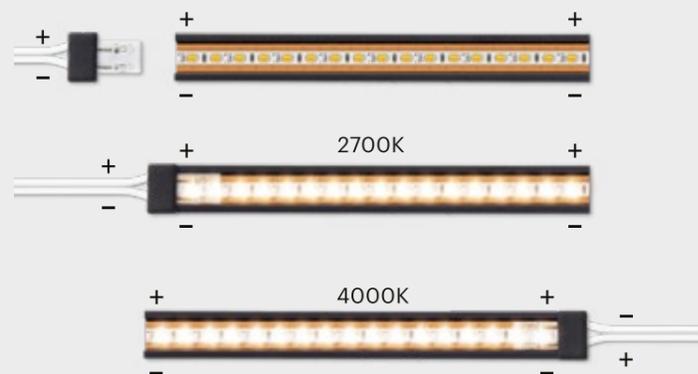
Plug & play power supply, integrated control and accessories

The cabled plug & play power connector, available for each Moove version, allows the creation of customized lamps in a simple, intuitive and safe way: a solution without the need to solder the LED that makes the installation of the device in the cabinet easier, also facilitating its possible replacement. The new integrated controls systems, functional and elegant, widen the lamp's installation scenarios, while the range of accessories allows the in-line connection of multiple lamp sections, an intelligent solution that avoids material waste.

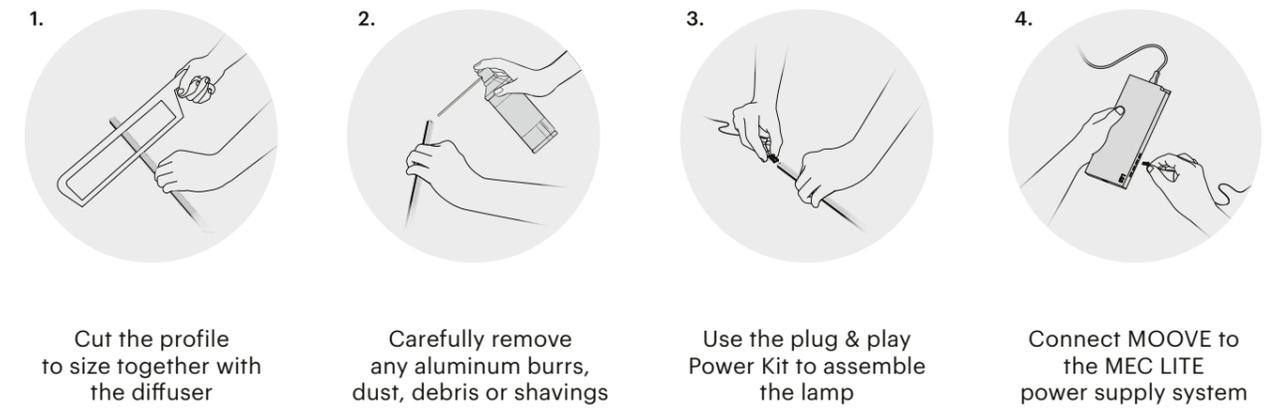


Preassembled Dual Color LED, "full light" without shadows

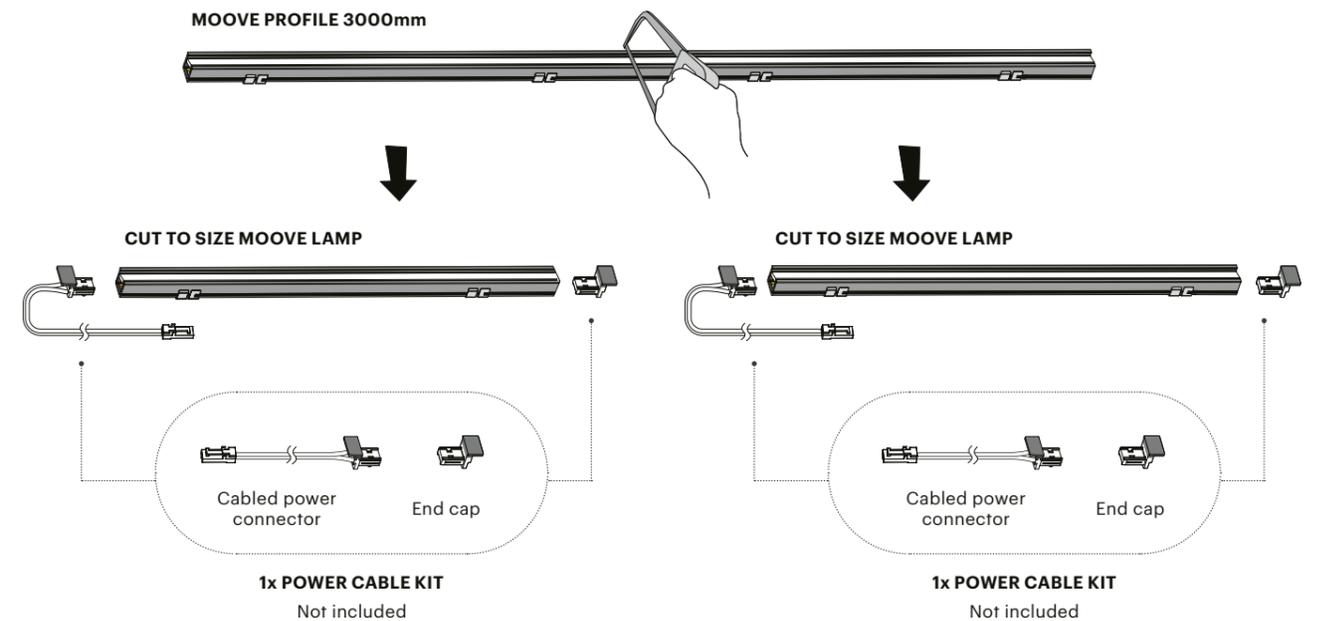
DIY lamps customized to the millimeter, with "full light" effect without shadow areas thanks to the pre-assembled LED Strip, cuttable at any point without loss of functionality together with the profile. **The color temperature varies from 2700K to 4000K by inverting the insertion side of the power connector** or via remote light control systems.



Cut, connect... create!

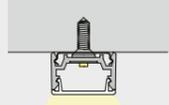
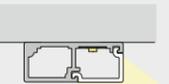


Each cut section can be used to assemble customized lamps down to the millimeter



Note for cutting Moove profiles: use tools suitable for aluminum cutting and execute a precise and clean cut, carefully removing any aluminum burrs, dust, debris or shavings

Free Cut Family

		Power supply and accessories					Optional switching systems			
		Alimentazione PLUG & PLAY	Bridge	L - Connector	Soft Link	Clip di fissaggio	IRS IR Sensor	PIR Motion sensor	TCS Touch Switch	IRD Door Sensor
Moove 1 <small>P.14</small>										
SURFACE MOUNTING										
Direct light emission		•	•		•	•	•	•		
Moove 2 <small>P.18</small>										
RECESSED MOUNTING										
Adjustable light beam orientation		•	•	•		•				
Moove 3 <small>P.22</small>										
RECESSED MOUNTING										
Direct light emission		•	•	•		•	•	•		
Moove 4 <small>P.26</small>										
RECESSED MOUNTING										
Flexible LED Reel with direct light emission		•			•					
Moove 5 <small>P.30</small>										
SURFACE MOUNTING										
Oriented light emission		•				•				•



Moove 1 FREE CUT



Cuttable to size surface mounted lamp with direct light beam.



FREE CUT - PLUG&PLAY

3000mm aluminium profile, complete with integrated LED and pre-assembled opal diffuser.

Can be cut to size freely at any point without losing LED functionality: each cut section can be used to create a lamp by means of power cable KIT or plug & play switching systems (not included).

INTENDED USE

Ideal for lighting undercabinet, shelves and the interior of wall units, wardrobes and walk-in closets.

Easy installation with fixing clips, no furniture milling required: ideal for refitting and integration into existing furniture.

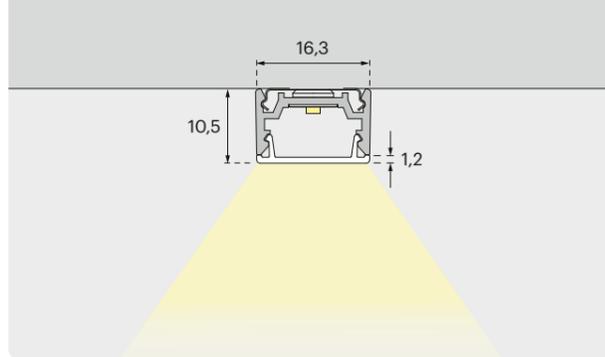
ACCESSORIES

- Complete range of Integrable plug & play sensors: IRS / PIR / TCS
- Accessories for in-line connection of multiple lamp segments.

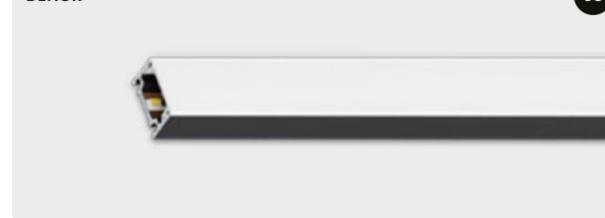
FINISHES

Available in black finish.

SECTION 1:1 (mm)



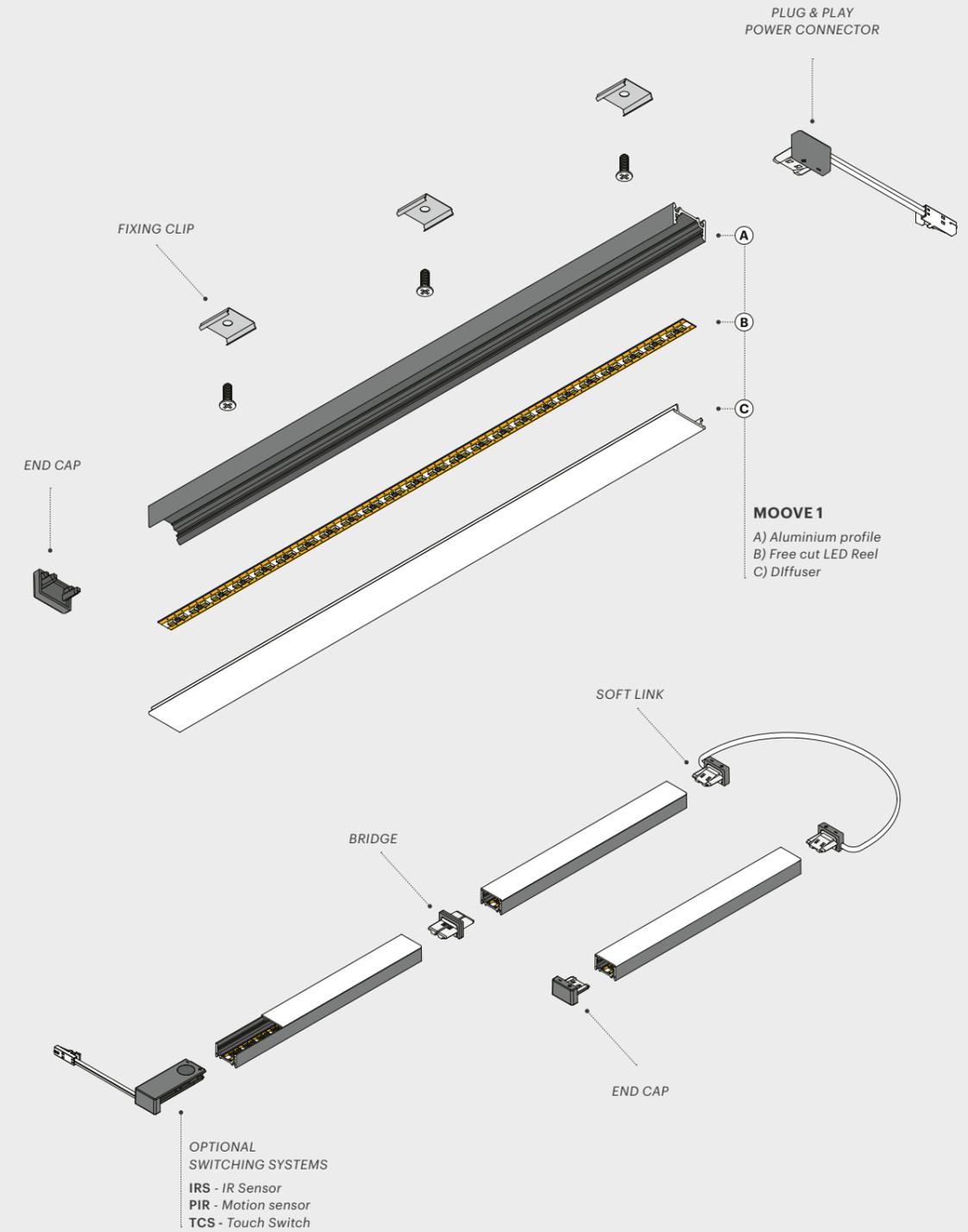
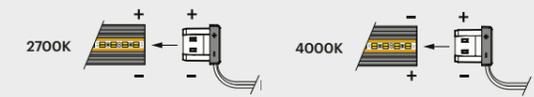
BLACK



03

WDC DUAL COLOR WDC

Color temperature varies from 2700K to 4000K by reversing the insertion side of the power connector or the chosen optional switching system.



Moove 1 FREE CUT



SWITCHING AND CONTROL SYSTEMS

WITHOUT SWITCHING SYSTEM

On-Off control via switched outlet.

Color temperature varies from 2700K to 4000K by reversing the insertion side of the power connector or the chosen optional switching system.

Can be used with Smart Home control solutions, transmitters or cabled switching systems for On-off, dimming and color temperature adjustment.

P.74



POWER SUPPLY

MEC Lite

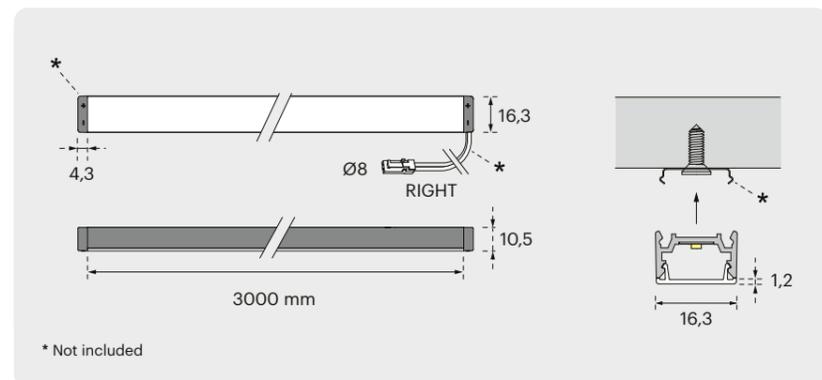
"Ready-to-light" power supply system with integrated distributor.
NOT INCLUDED

MEC LITE P.48

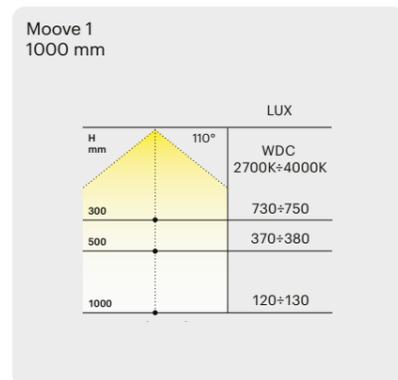


MOOVE 1	WDC DUAL COLOR <small>WDC</small>	FINISH	L	W	CODE
WDC Light Source.	24 V	03 black	3000 mm	30W	561400001
Aluminium profile with integrated LED and diffuser. Without switching system.	LED 10W/m				
Purchase separately (side page) the following accessories, required to complete the Moove 1 profile:	2700K÷4000K				
- Power Cable KIT	820 lm/m				
- Fixing Clips	CRI>90				

(mm)



ILLUMINANCE



Moove 1 FREE CUT

POWER CABLE KIT

KIT with cabled PLUG & PLAY power connector and plastic end cap .
N°2 KITS are required to cut the profile into two custom lamps.



Right cable exit
3000mm

940601818



Left cable exit
3000mm

940601817

OPTIONAL SWITCHING SYSTEMS

KIT with 3000mm cabled PLUG & PLAY sensor (right cable exit) and plastic end cap.
Cut the diffuser 36mm shorter than the aluminium profile to insert the cabled sensor.
MAX: 3A - 72W (Lamp up to 7200mm)



Proximity switch
ON-OFF / DIMMER (10-100%)
Range: 3-6cm

941300612



ON-OFF
Detection range: 1-3m
Auto OFF: 45sec

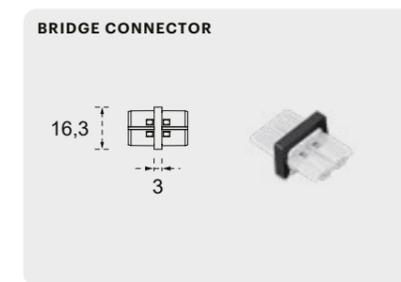
941300614



ON-OFF
DIMMER (10-100%)

941300613

ACCESSORIES



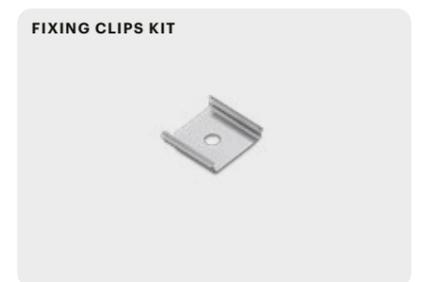
For linear lamp-to-lamp
connection

750300243



Lamp-to-lamp
connection cable

940601819



10 PCS (Screws included)
(n°1 clip each 300mm)

600800261

Moove 2

FREE CUT



Cuttable to size recessed lamp with adjustable light beam orientation.



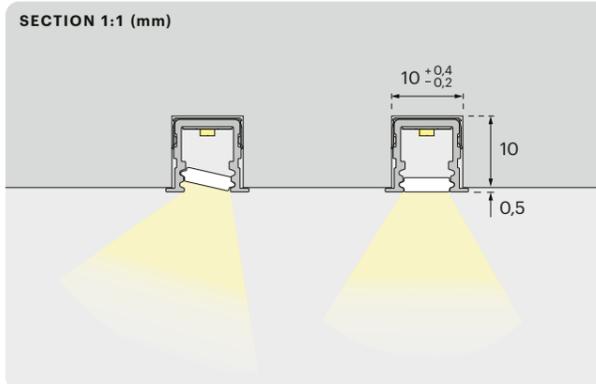
FREE CUT - PLUG&PLAY

3000mm aluminium profile, complete with integrated LED and removable / repositionable opal diffuser for light beam orientation adjustments and anti-glare effect.

Can be cut to size freely at any point without losing LED functionality: each cut section can be used to create a lamp by means of power cable KIT or plug & play switching systems (not included).

INTENDED USE

Ideal for lighting shelves and wall units or, installed vertically in the side panels, for lighting the interior of tall units, wardrobes and cabinets.



ACCESSORIES

- Integrable plug & play IRS sensors.
- Accessories for in-line connection of multiple lamp segments.

FINISHES

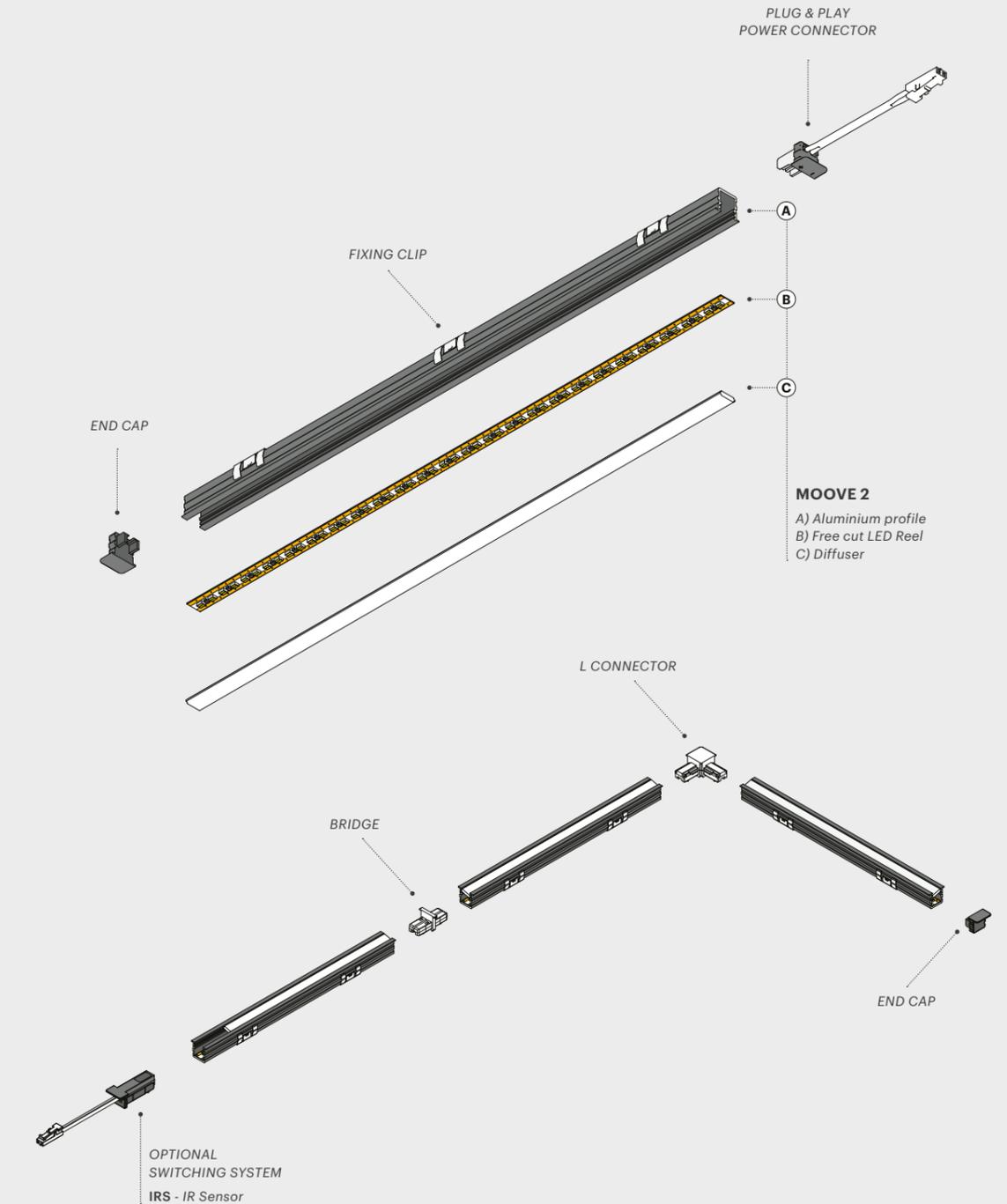
Available in black finish.



WDC DUAL COLOR

WDC

Color temperature varies from 2700K to 4000K by reversing the insertion side of the power connector or the chosen optional switching system.



Moove 2 FREE CUT



SWITCHING AND CONTROL SYSTEMS

WITHOUT SWITCHING SYSTEM

On-Off control via switched outlet.

Color temperature varies from 2700K to 4000K by reversing the insertion side of the power connector or the chosen optional switching system.

Can be used with Smart Home control solutions, transmitters or cabled switching systems for On-off, dimming and color temperature adjustment.

P.74



POWER SUPPLY

MEC Lite

"Ready-to-light" power supply system with integrated distributor. NOT INCLUDED

MEC LITE

P.48



MOOVE 2

WDC Light Source.
Aluminium profile with integrated LED and diffuser. Without switching system.
Purchase separately (side page) the following accessories, required to complete the Moove 2 profile:
- Power Cable KIT
- Fixing Clips

WDC DUAL COLOR

24 V
LED 10W/m
2700K±4000K
820 lm/m
CRI>90
G

FINISH

03 black

L

3000 mm

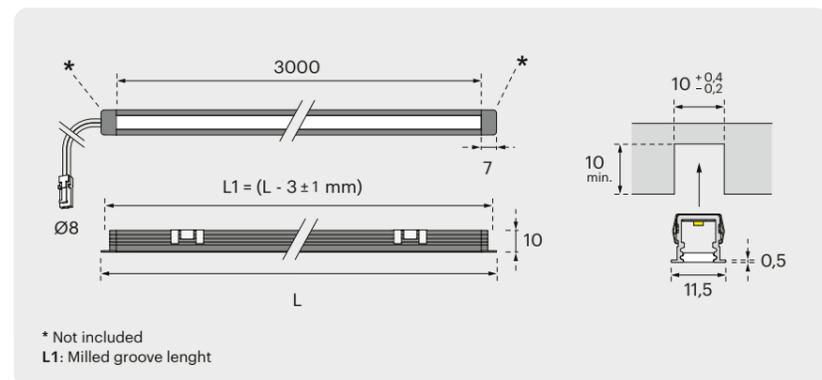
W

30W

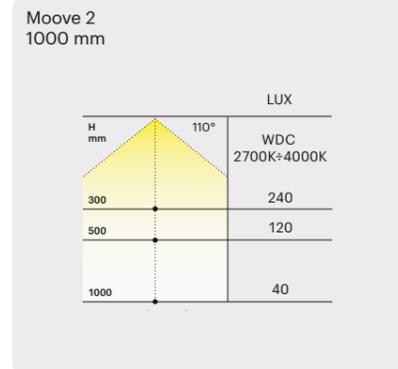
CODE

561500001

(mm)



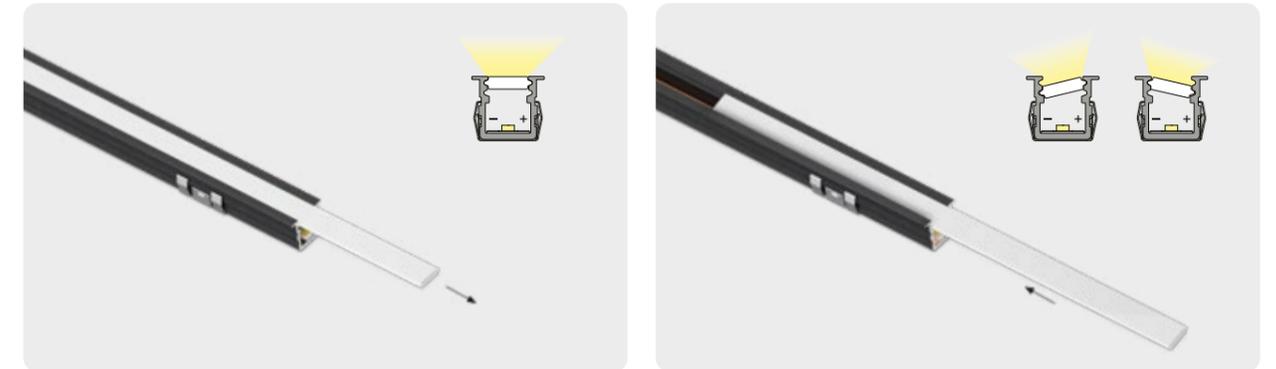
ILLUMINANCE



Moove 2 FREE CUT

ADJUSTABLE LIGHT BEAM ORIENTATION

Pull out and rotate the diffuser to change the direction of the light beam. The retracted tilted position of the diffuser ensures anti-glare effect.



POWER CABLE KIT

KIT with cabled PLUG & PLAY power connector and plastic end cap. N°2 KITS are required to cut the profile into two custom lamps.



Cable 3000mm

940601820

OPTIONAL SWITCHING SYSTEMS

KIT with 3000mm cabled PLUG & PLAY sensor and plastic end cap. Cut the diffuser 22mm shorter than the profile to insert the cabled sensor. MAX: 1,5A - 36W (Lamp up to 3600mm)



Proximity switch ON-OFF / DIMMER (10-100%) Range: 3-6cm

941300615

ACCESSORIES

<p>BRIDGE CONNECTOR 01</p> <p>For linear lamp-to-lamp connection</p> <p>750300247</p>	<p>L CONNECTOR 01</p> <p>For lamp-to-lamp corner connection</p> <p>750300246</p>	<p>FIXING CLIPS KIT</p> <p>10 PCS (n°1 clip each 300mm)</p> <p>600800262</p>
--	---	---

Moove 3 FREE CUT



Cuttable to size recessed mounted lamp with direct light beam.



FREE CUT - PLUG&PLAY

3000mm aluminium profile, complete with integrated LED and pre-assembled opal diffuser.

Can be cut to size freely at any point without losing LED functionality: each cut section can be used to create a lamp by means of power cable KIT or plug & play switching systems (not included).

INTENDED USE

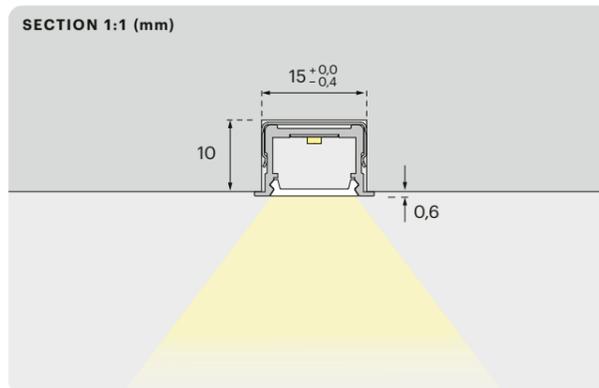
Ideal for lighting shelves and the interior of wall units, wardrobes and walk-in closets.

ACCESSORIES

- Complete range of Integrable plug & play sensors: IRS / PIR / TCS
- Accessories for in-line connection of multiple lamp segments.

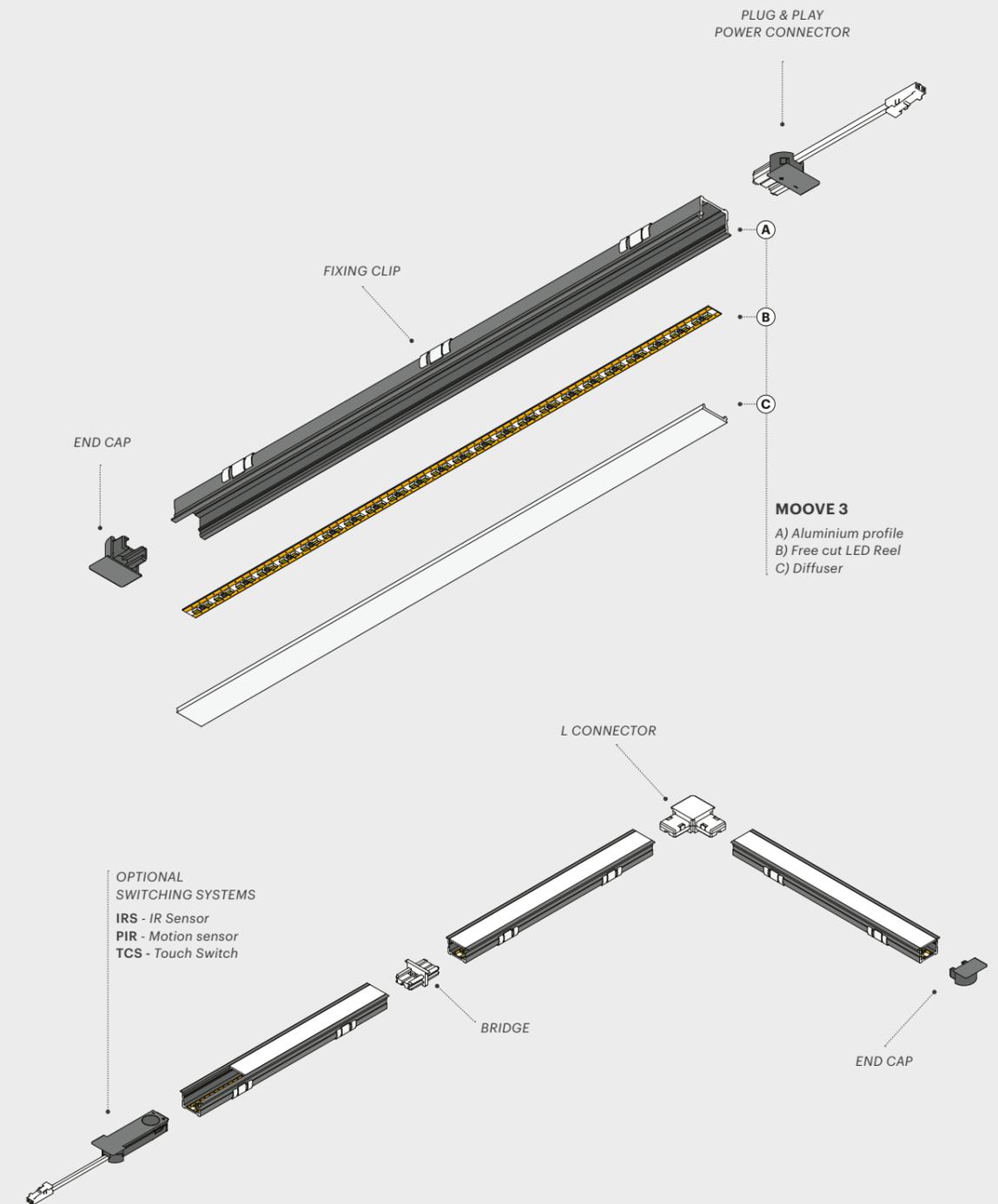
FINISHES

Available in black finish.



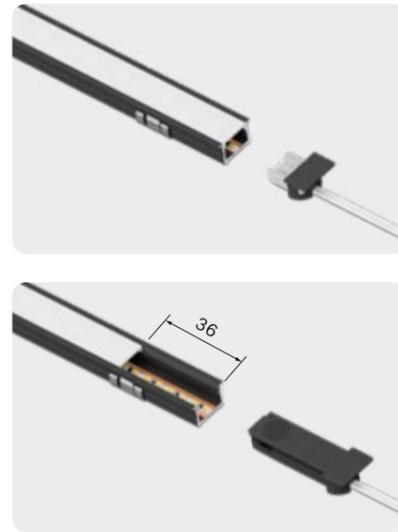
WDC DUAL COLOR WDC

Color temperature varies from 2700K to 4000K by reversing the insertion side of the power connector or the chosen optional switching system.



Moove 3 FREE CUT

24 V WDC IRS PIR TCS



SWITCHING AND CONTROL SYSTEMS

WITHOUT SWITCHING SYSTEM

On-Off control via switched outlet.

Color temperature varies from 2700K to 4000K by reversing the insertion side of the power connector or the chosen optional switching system.

Can be used with Smart Home control solutions, transmitters or cabled switching systems for On-off, dimming and color temperature adjustment.

P.74



POWER SUPPLY

MEC Lite

"Ready-to-light" power supply system with integrated distributor. NOT INCLUDED

MEC LITE

P.48



MOOVE 3

WDC Light Source.
Aluminium profile with integrated LED and diffuser. Without switching system.
Purchase separately (side page) the following accessories, required to complete the Moove 3 profile:
- Power Cable KIT
- Fixing Clips

WDC DUAL COLOR

24 V
LED 10W/m
2700K±4000K
820 lm/m
CRI>90

FINISH

03 black

L

3000 mm

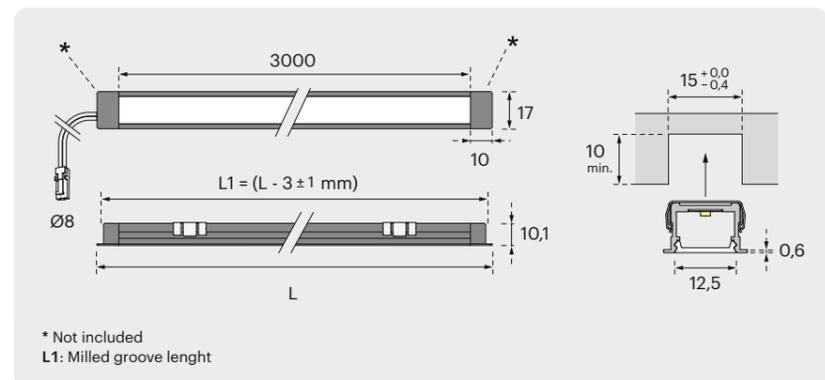
W

30W

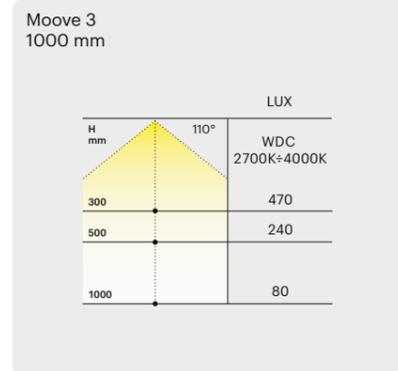
CODE

561600001

(mm)



ILLUMINANCE



Moove 3 FREE CUT

POWER CABLE KIT

KIT with cabled PLUG & PLAY power connector and plastic end cap. N°2 KITS are required to cut the profile into two custom lamps.



Cable 3000mm

940601821

OPTIONAL SWITCHING SYSTEMS

KIT with 3000mm cabled PLUG & PLAY sensor and plastic end cap. Cut the diffuser 36mm shorter than the aluminium profile to insert the cabled sensor. MAX: 3A - 72W (Lamp up to 7200mm)



Proximity switch
ON-OFF / DIMMER (10-100%)
Range: 3-6cm

941300616



ON-OFF
Detection range: 1-3m
Auto OFF: 45sec

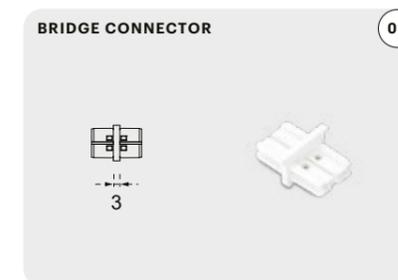
941300618



ON-OFF
DIMMER (10-100%)

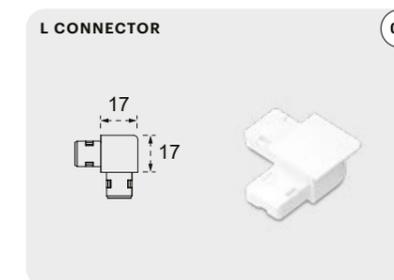
941300617

ACCESSORIES



For linear lamp-to-lamp connection

750300245



For lamp-to-lamp corner connection

750300244



10 PCS (n°1 clip each 300mm)

600800263

Moove 4 FREE CUT



Cuttable to size recessed mounted flexible LED Reel.



FREE CUT - PLUG&PLAY

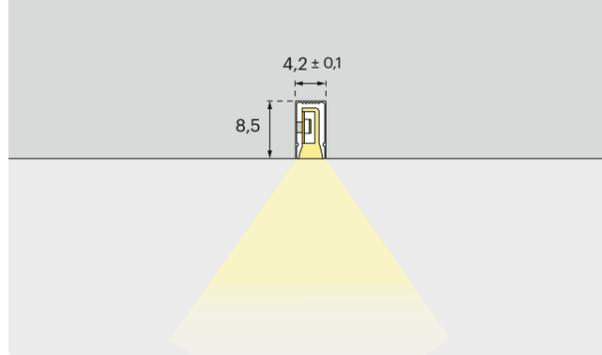
Can be cut to size freely at any point without losing LED functionality: each cut section can be used to create a lamp by means of power cable KIT or plug & play switching systems (not included).

Only 4mm wide, available in 5m and 20m reels.

INTENDED USE

Maximum flexibility in creating a variety of shapes to emphasize the furniture's contours or, installed vertically in the side panels, for lighting the interior of tall units, wardrobes and cabinets.

SECTION 1:1 (mm)



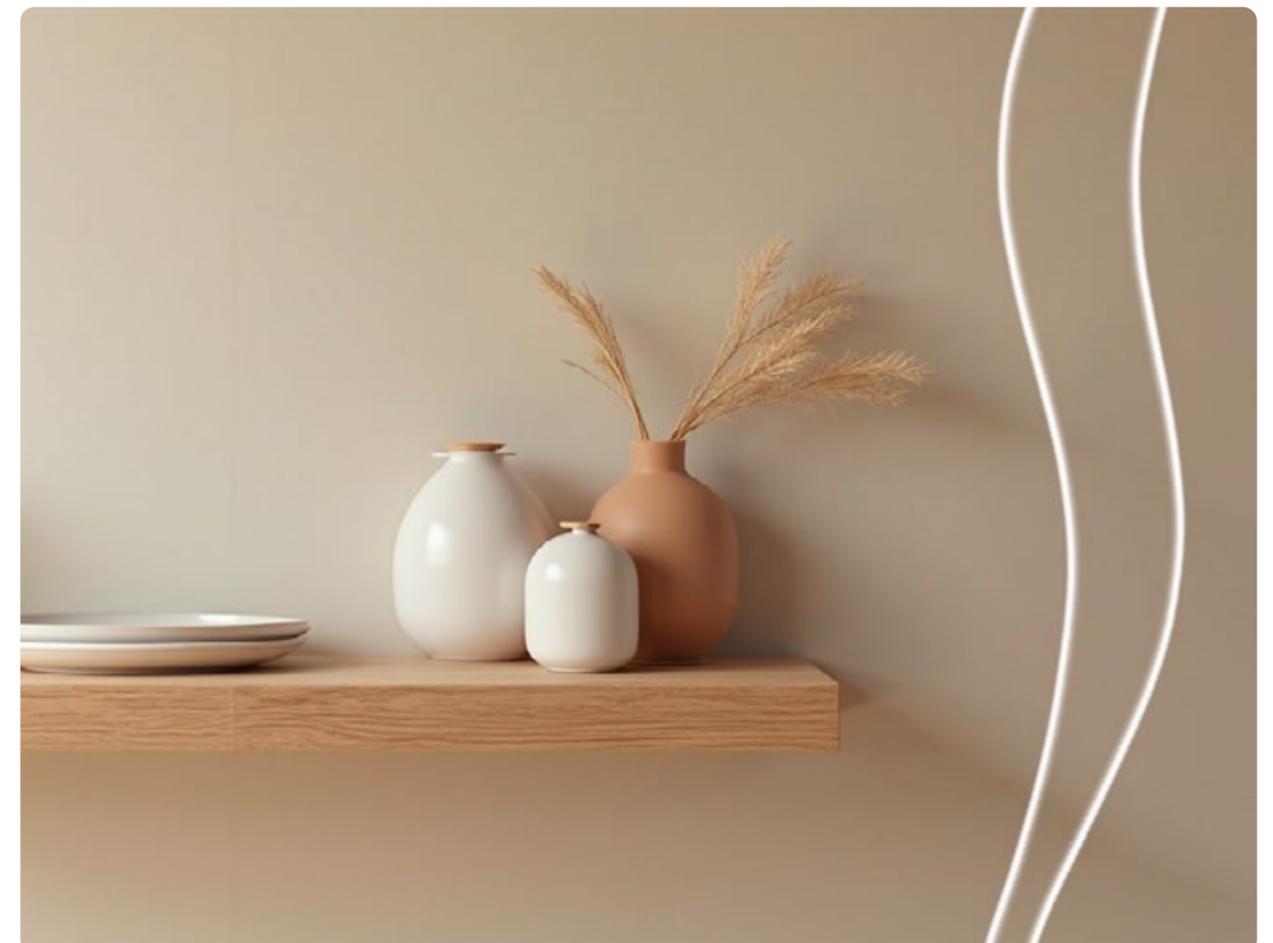
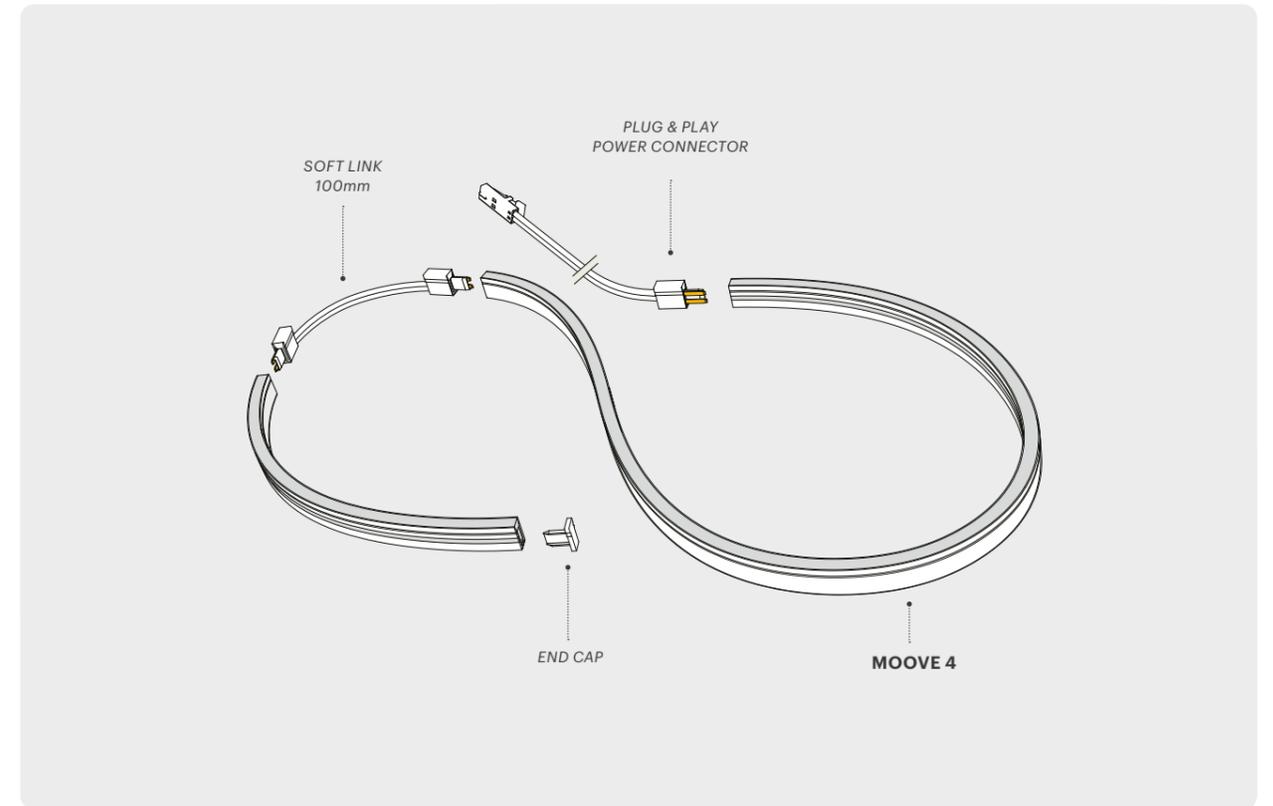
ACCESSORIES

- Accessories for in-line connection of multiple lamp segments.

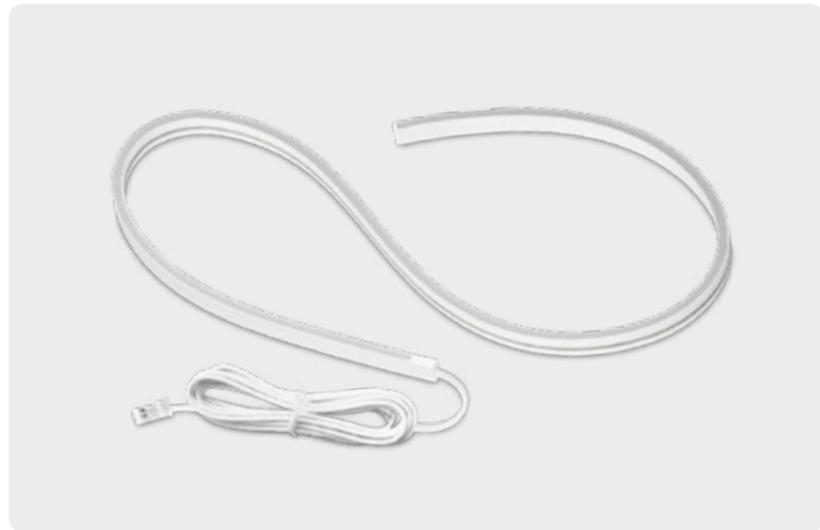
FINISHES

Available in white finish.

WHITE



Moove 4 FREE CUT



SWITCHING AND CONTROL SYSTEMS

WITHOUT SWITCHING SYSTEM

On-Off control via switched outlet.
EDC jumper cable included, for color temperature setting during installation.

Can be used with Smart Home control solutions, transmitters or cabled switching systems for On-off, dimming and color temperature adjustment.

P.74



POWER SUPPLY

MEC Lite

"Ready-to-light" power supply system with integrated distributor.
NOT INCLUDED

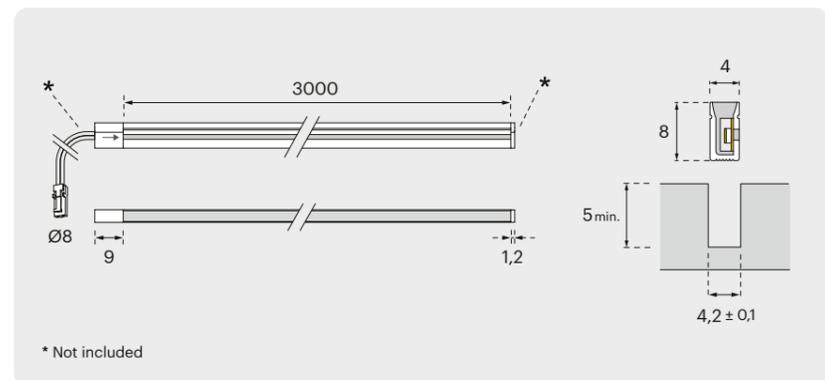
MEC LITE

P.48



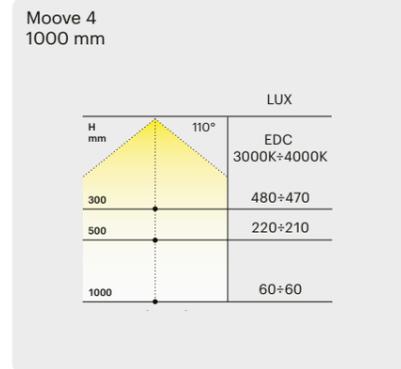
MOOVE 4	EDC DUAL COLOR <small>EDC</small>	FINISH	L	W	CODE
EDC Light Source.	24 V	01 white	20 m	200W	751101311
Purchase separately (side page) the Power Cable KIT, required to complete the Moove 4 Strip.	LED 10W/m		5 m	50W	751101329
	3000K+4000K				
	235 lm/m				
	CRI>90				

(mm)



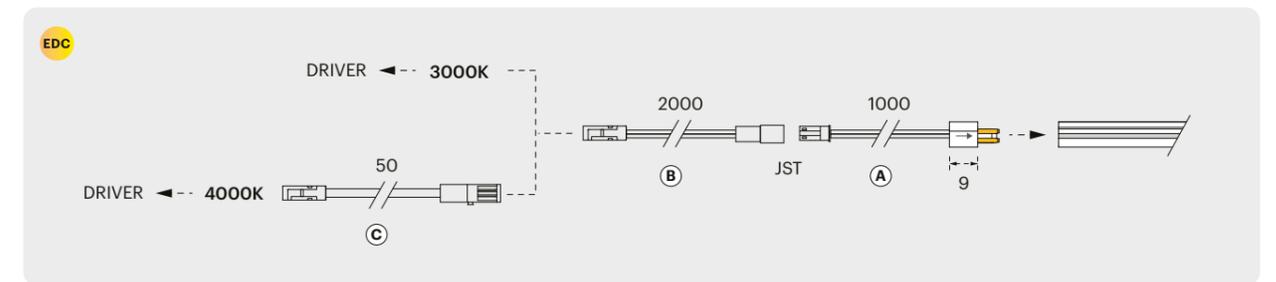
* Not included

ILLUMINANCE



Moove 4 FREE CUT

POWER CABLE KIT



KIT includes:

- (A) 1000mm cabled PLUG & PLAY power connector and plastic end cap.
- (B) 2000mm extension for Driver connection.
- (C) 50mm EDC Jumper cable (to be applied at power cable's end for color temperature change).

N°2 KITS are required to cut the LED Reel into two custom lamps.

600300198

ACCESSORIES



Lamp-to-lamp connection cable

940601923

Moove 5 FREE CUT



Cuttable to size surface mounted lamp with oriented light beam.



FREE CUT - PLUG&PLAY

3000mm aluminium profile, complete with integrated LED and pre-assembled opal diffuser.

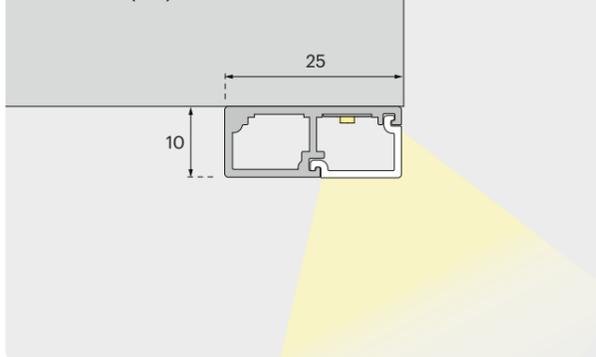
Can be cut to size freely at any point without losing LED functionality: each cut section can be used to create a lamp by means of electrification KIT and plug & play switching system (not included).

INTENDED USE

Ideal for illuminating drawers and inside kitchen base cabinets; the light beam can be directed towards the inside or outside of the cabinet.

Easy installation with included fixing screws.

SECTION 1:1 (mm)



ACCESSORIES

- Plug & play IRD Door sensors
- Brackets for cabinet's sides fixing.

FINISHES

Available in black finish.

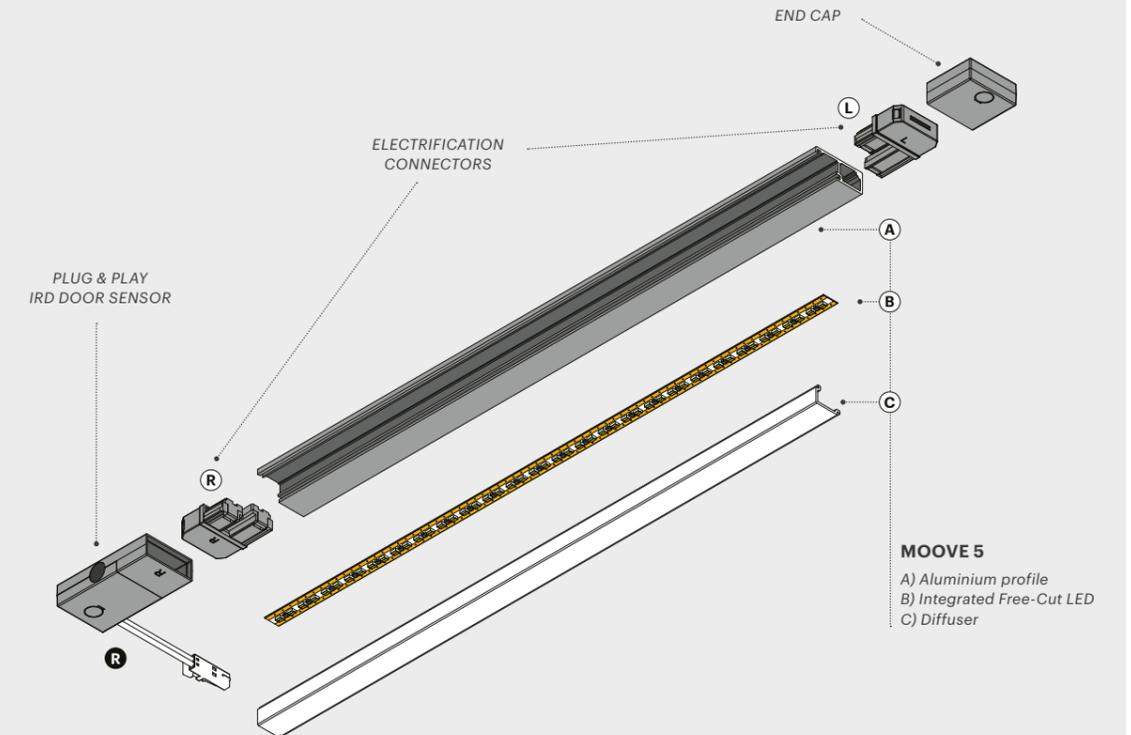
BLACK



03

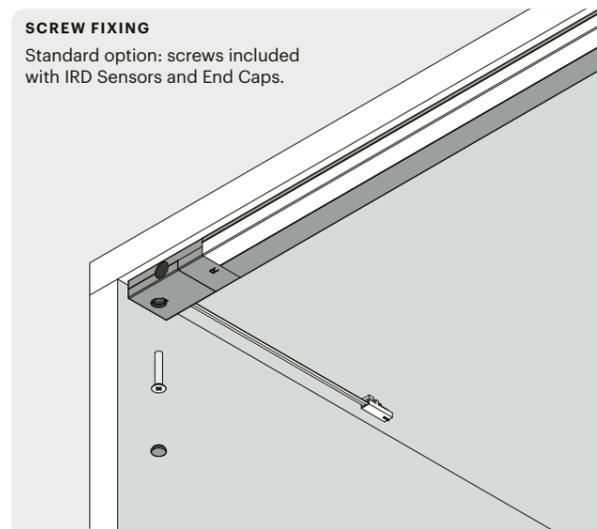
WDC DUAL COLOR WDC

Color temperature varies from 2700K to 4000K by reversing the insertion side of the IRD Sensor.



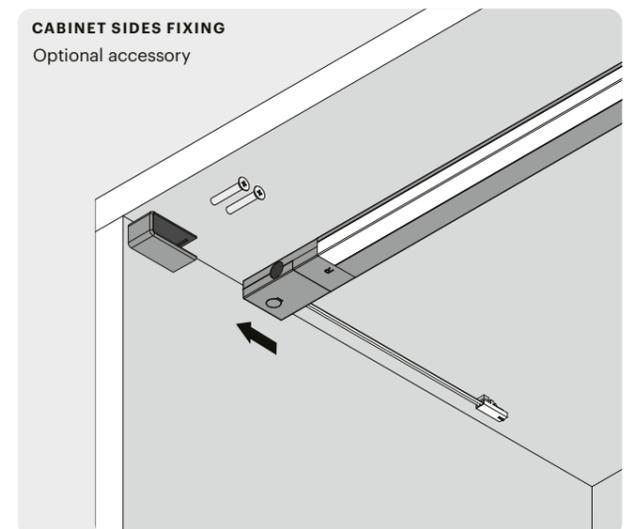
SCREW FIXING

Standard option: screws included with IRD Sensors and End Caps.



CABINET SIDES FIXING

Optional accessory



Moove 5 FREE CUT



SWITCHING AND CONTROL SYSTEMS

INTEGRATED CONTROL

IR Door Sensor (IRD)

The color temperature varies from 2700K to 4000K by reversing the insertion side of the IRD sensor used (sold separately).

P.74



POWER SUPPLY

MEC Lite

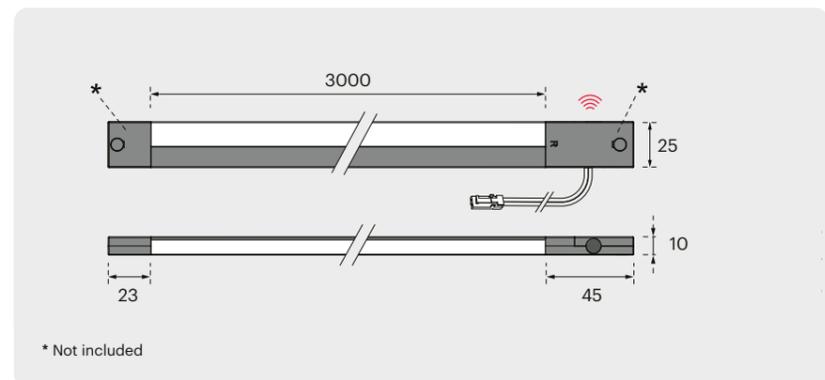
"Ready-to-light" power supply system with integrated distributor. NOT INCLUDED

MEC LITE P.48



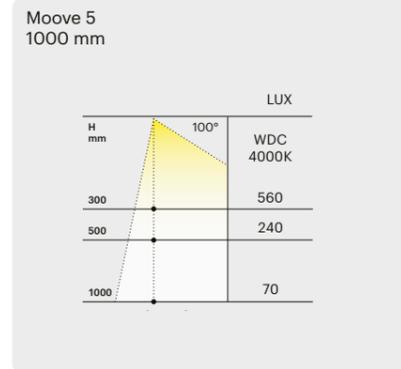
MOOVE 5	WDC DUAL COLOR <small>WDC</small>	FINISH	L	W	CODE
WDC Light Source.	24 V	03 black	3000 mm	30W	561700001
Aluminium profile with integrated LED and diffuser. Without switching system.	LED 10W/m				
Purchase separately (side page) the following accessories, required to complete the Moove 5 profile:	2700K÷4000K				
- Electrification connector kit	820 lm/m				
- IRD Door sensor	CRI>90				
- End cap					

(mm)



* Not included

ILLUMINANCE



Moove 5 FREE CUT

ELECTRIFICATION AND SWITCHING SYSTEM

To power the MOOVE 5 lamp, use the (L/R) electrification connector kit combined with the (L or R) wired IRD sensors. MOOVE 5 works with one or two sensors mounted at the ends (with a double sensor, it will not be necessary to purchase the side end cap). Each IRD sensor (L or R) is supplied with fixing screws and can be mounted to the right or left of the MOOVE 5 profile: follow the instructions with the sensor positioning options (P.34) to correctly set the light beam orientation and color temperature.



Couple of electrification connectors (L/R). **600300241**

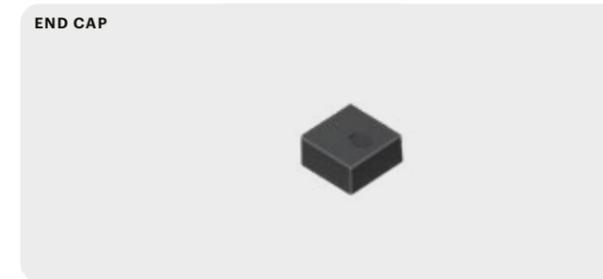


IR Door Sensor (L) Mounting screws included. Cable 3000mm. **941300706**

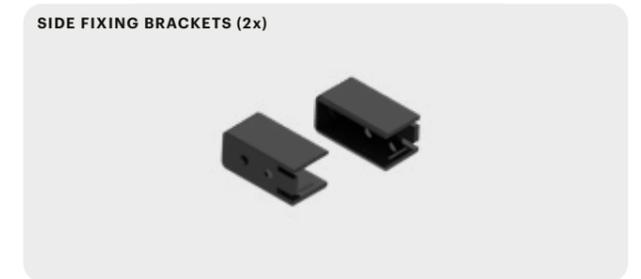


IR Door Sensor (R) Mounting screws included. Cable 3000mm. **941300705**

ACCESSORIES



For use when configuring MOOVE 5 with a single IRD sensor. Mounting screw included. **600800294**

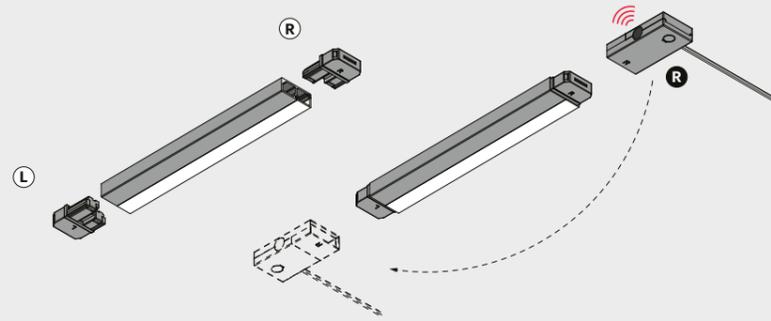


To install MOOVE 5 at the cabinet's sides. Mounting screws included. **600800293**

The electrification connectors (L/R) are inserted into the MOOVE 5 profile as shown in the figure.

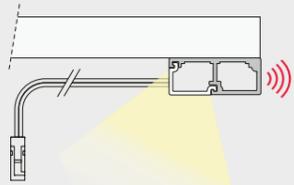
All wired IRD sensors can be mounted on either side of the profile, allowing you to change the orientation of the light beam, the direction of the sensor/cable outlet, and the color temperature.

Refer to the diagram below for all available options, for single or double sensors.



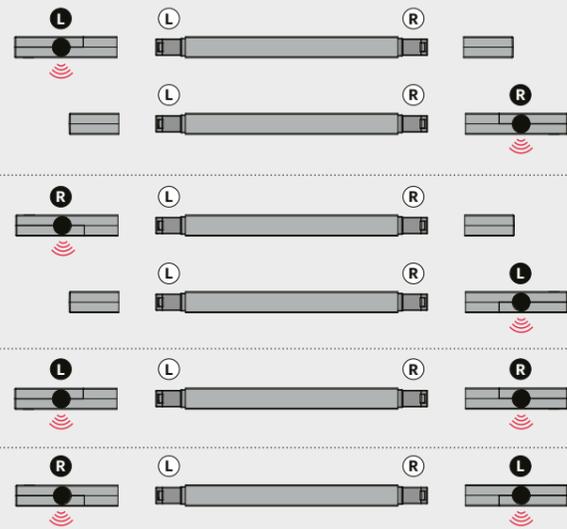
INSTALLATION - SIDE VIEW

Inside base cabinet lighting

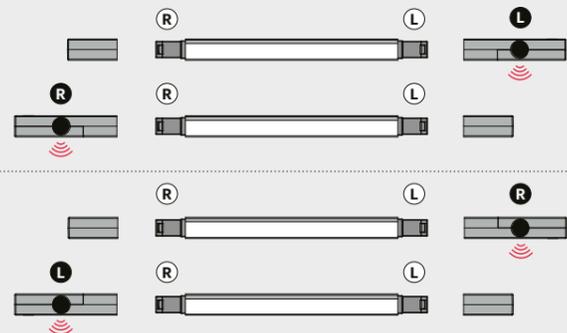
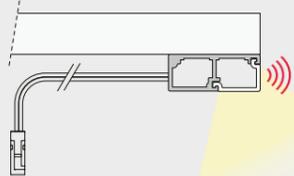


CCT

ELECTRIFICATION OPTIONS - FRONT VIEW



Drawer lighting



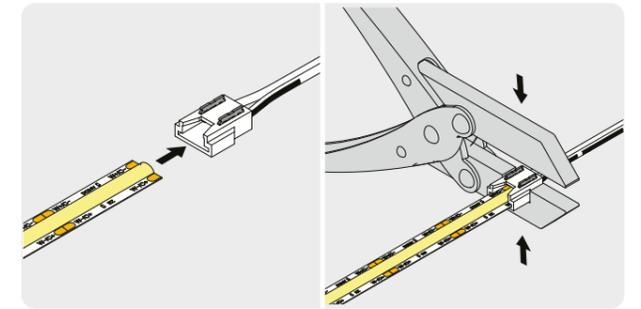
LED Technologies

A new wide choice of 24V LED Strips to be integrated in all our solutions



Easy and versatile solutions to create your own lighting systems

- Cuttable to size
- Practical and easy to use thanks to reel-to-reel connection cables
- No welding required
- Integrable switching systems
- High Color Rendering Index
- MONO or DUAL COLOR versions



SMD LED.
High efficiency LED strips

Higher light output, lower energy consumption, in a new, single-LED cut, version.

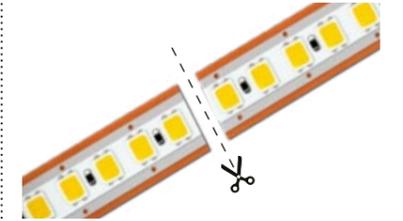
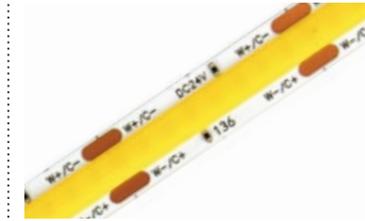
COB.
Chip on Board LED strips

Versatile and efficient, with uniform and continuous lighting and a deceiving aesthetic, without visible LEDs.

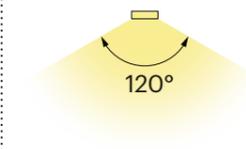
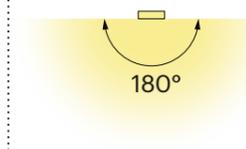
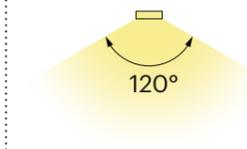
Free cut.
LED strips

High-performance LED strip without modules. Profile, cover, and strip can be cut together at any point, with no pitch constraints and no loss of functionality.

TECHNOLOGY



BEAM ANGLE



CRI

>80

>90

>90

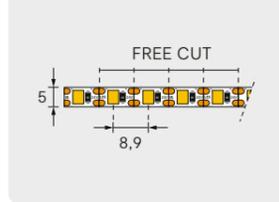
LED Reel SMD FREE CUT - 5mm

24 V ✂

6,8W/m ^(24V)	LUMEN/m	LUMEN/W	CRI	EEC	CCT	CODE
MONO: 112 LEDs/m	1100 lm/m	160 lm/W	≥ 80		2700K	751101460
5000 mm					3000K	751101461
					4000K	751101462



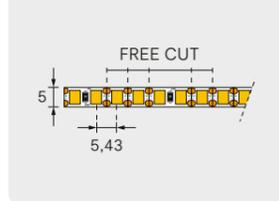
IA SMD FREE CUT



7,6W/m ^(24V)	LUMEN/m	LUMEN/W	CRI	EEC	CCT	CODE
MONO: 184 LEDs/m	1100 lm/m	145 lm/W	≥ 90		2700K	751101443
5000 mm					3000K	751101444
					4000K	751101445



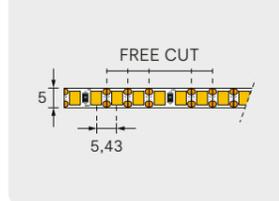
HT SMD FREE CUT



11W/m ^(24V)	LUMEN/m	LUMEN/W	CRI	EEC	CCT	CODE
MONO: 184 LEDs/m	1600 lm/m	145 lm/W	≥ 90		2700K	751101449
5000 mm					3000K	751101450
					4000K	751101451



HV SMD FREE CUT



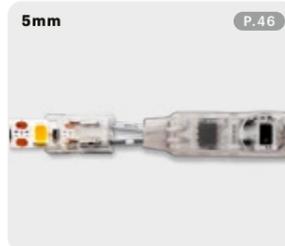
ELECTRIFICATION

Power cables with solderless crimp connection.
NOT INCLUDED



SWITCHING SYSTEMS

Solderless crimp connection, integrated power cable.
NOT INCLUDED



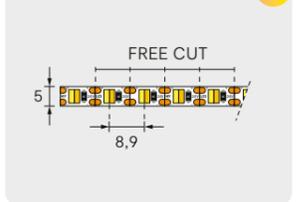
LED Reel SMD FREE CUT - 5mm

24 V ✂

6,8W/m WDC ^(24V)	LUMEN/m	LUMEN/W	CRI	EEC	CCT	CODE
DUAL: 112+112 LEDs/m	1100 lm/m	160 lm/W	≥ 80		WDC 2700K+4000K	751101458
5000 mm						



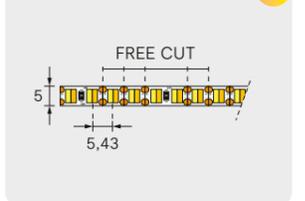
HY SMD FREE CUT



9,6W/m WDC ^(24V)	LUMEN/m	LUMEN/W	CRI	EEC	CCT	CODE
DUAL: 184+184 LEDs/m	1300 lm/m	135lm/W	≥ 90		WDC 2700K+4000K	751101441
5000 mm						



HR SMD FREE CUT



ELECTRIFICATION

Power cables with solderless crimp connection.
NOT INCLUDED



SWITCHING SYSTEMS

Solderless crimp connection, integrated power cable.
NOT INCLUDED



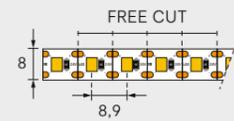
LED Reel SMD FREE CUT - 8mm

24 V ✂

6,8W/m ^(24V)	LUMEN/m	LUMEN/W	CRI	EEC	CCT	CODE
MONO: 112 LEDs/m	1100 lm/m	160 lm/W	≥ 80		2700K	751101463
5000 mm					3000K	751101464
					4000K	751101465



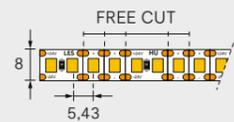
IB SMD FREE CUT



7,6W/m ^(24V)	LUMEN/m	LUMEN/W	CRI	EEC	CCT	CODE
MONO: 184 LEDs/m	1100 lm/m	145 lm/W	≥ 90		2700K	751101446
5000 mm					3000K	751101447
					4000K	751101448



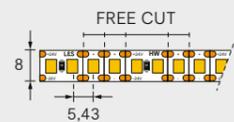
HU SMD FREE CUT



11W/m ^(24V)	LUMEN/m	LUMEN/W	CRI	EEC	CCT	CODE
MONO: 184 LEDs/m	1600 lm/m	145 lm/W	≥ 90		2700K	751101452
5000 mm					3000K	751101453
					4000K	751101454



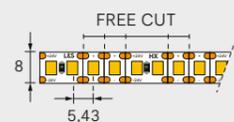
HW SMD FREE CUT



13,8W/m ^(24V)	LUMEN/m	LUMEN/W	CRI	EEC	CCT	CODE
MONO: 184 LEDs/m	2000 lm/m	145 lm/W	≥ 90		2700K	751101455
5000 mm					3000K	751101456
					4000K	751101457



HX SMD FREE CUT



ELECTRIFICATION

Power cables with solderless crimp connection.
NOT INCLUDED

8mm P.44

SWITCHING SYSTEMS

Solderless crimp connection, integrated power cable.
NOT INCLUDED

8mm P.46

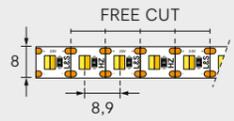
LED Reel SMD FREE CUT - 8mm

24 V ✂

6,8W/m WDC ^(24V)	LUMEN/m	LUMEN/W	CRI	EEC	CCT	CODE
DUAL: 112+112 LEDs/m	1100 lm/m	160 lm/W	≥ 80		WDC 2700K+4000K	751101459
5000 mm						



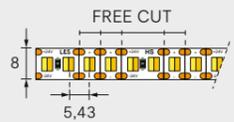
HZ SMD FREE CUT



9,6W/m WDC ^(24V)	LUMEN/m	LUMEN/W	CRI	EEC	CCT	CODE
DUAL: 184+184 LEDs/m	1300 lm/m	135lm/W	≥ 90		WDC 2700K+4000K	751101442
5000 mm						



HS SMD FREE CUT



ELECTRIFICATION

Power cables with solderless crimp connection.
NOT INCLUDED

8mm P.44

SWITCHING SYSTEMS

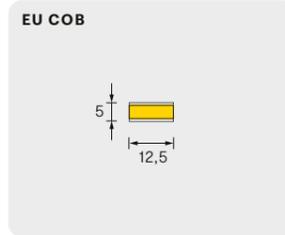
Solderless crimp connection, integrated power cable.
NOT INCLUDED

8mm P.46

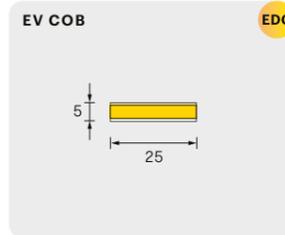
LED Reel COB - 5mm

24 V ✂

10W/m ^(24 V)	LUMEN/m	LUMEN/W	CRI	EEC	CCT	CODE
MONO: 640 LEDs/m	900 lm/m	90 lm/W	≥ 90		2700K	751100788
5000 mm					3000K	751100789
0,125W x 12,5 mm					4000K	751100790



10W/m EDC ^(24 V)	LUMEN/m	LUMEN/W	CRI	EEC	CCT	CODE
DUAL: 320+320 LEDs/m	1000 lm/m	100 lm/W	≥ 90		EDC 3000K+4000K	751100791
5000 mm						
0,25W x 25 mm						



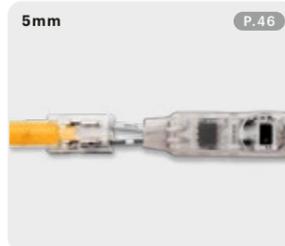
ELECTRIFICATION

Power cables with solderless crimp connection.
NOT INCLUDED



SWITCHING SYSTEMS

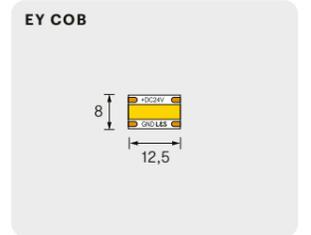
Solderless crimp connection, integrated power cable.
NOT INCLUDED



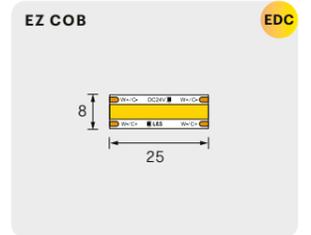
LED Reel COB - 8mm

24 V ✂

10W/m ^(24 V)	LUMEN/m	LUMEN/W	CRI	EEC	CCT	CODE
MONO: 640 LEDs/m	900 lm/m	90 lm/W	≥ 90		2700K	751100793
5000 mm					3000K	751100794
0,125W x 12,5 mm					4000K	751100795



10W/m EDC ^(24 V)	LUMEN/m	LUMEN/W	CRI	EEC	CCT	CODE
DUAL: 320+320 LEDs/m	1000 lm/m	100 lm/W	≥ 90		EDC 3000K+4000K	751100792
5000 mm						
0,25W x 25 mm						



ELECTRIFICATION

Power cables with solderless crimp connection.
NOT INCLUDED



SWITCHING SYSTEMS

Solderless crimp connection, integrated power cable.
NOT INCLUDED

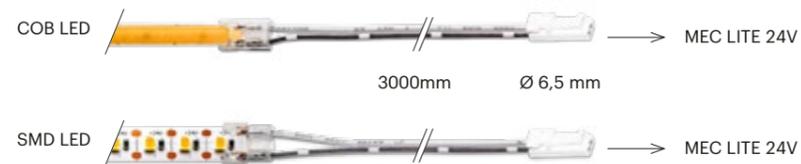


Cables and connectors

Power cable (24V)

Solderless power cable for reel-to-reel crimp connection of SMD and COB LED strips to MEC Lite.

V IN	LED	L mm	CODE
24V DC	5 mm	3000 mm	940600578
	8 mm	3000 mm	940600579



EDC Jumper (24V)

Only for EDC/WDC Dual Color LED strips without integrated switching: for color temperature setting during installation.

V IN	LED	L mm	CODE
24V DC	EDC	50 mm	940600015



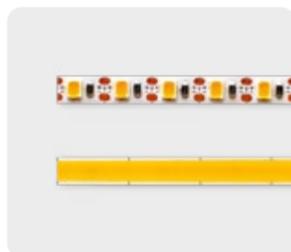
Extension (24V)

Extension cable for power cable to LED driver

V IN/OUT	L mm	CODE
24V DC	1100 mm	940600021
	2200 mm	940600022



LED		
SMD	5 mm	P.38
	8 mm	P.40
COB	5 mm	P.42
	8 mm	P.43



POWER SUPPLY
MEC Lite
"Ready-to-light"
power supply system
with integrated distributor.
NOT INCLUDED

MEC LITE [P.48](#)

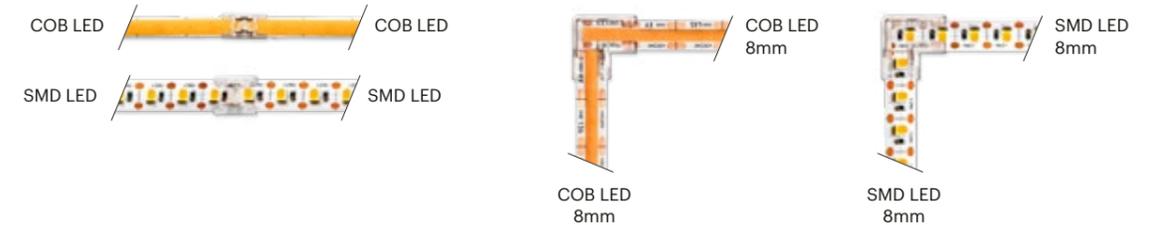


Cables and connectors

Reel-to-Reel Connectors (24V)

Solderless crimp connectors for linear or corner connection of SMD and COB LED strip segments.

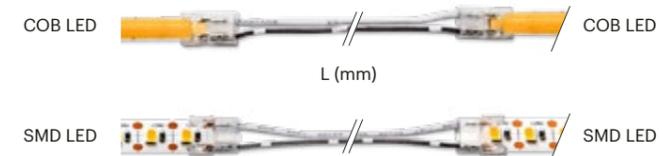
LED	TYPE	CODE
5 mm	Bridge	750300176
8 mm	Bridge	750300177
	L	750300178



Soft Link (24V)

SMD/COB LED strips reel to reel crimp connection cable.

V IN	LED	L mm	CODE
24V DC	5 mm	100 mm	940600580
		700 mm	940600581
	8 mm	100 mm	940600582
		700 mm	940600583



Pliers

Crimping pliers for SMD and COB solderless cables and connectors.

CODE
720300003



LED		
SMD	5 mm	P.38
	8 mm	P.40
COB	5 mm	P.42
	8 mm	P.43



POWER SUPPLY
MEC Lite
"Ready-to-light"
power supply system
with integrated distributor.
NOT INCLUDED

MEC LITE [P.48](#)



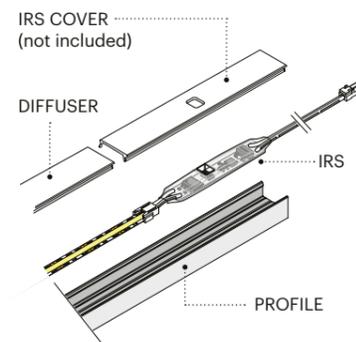
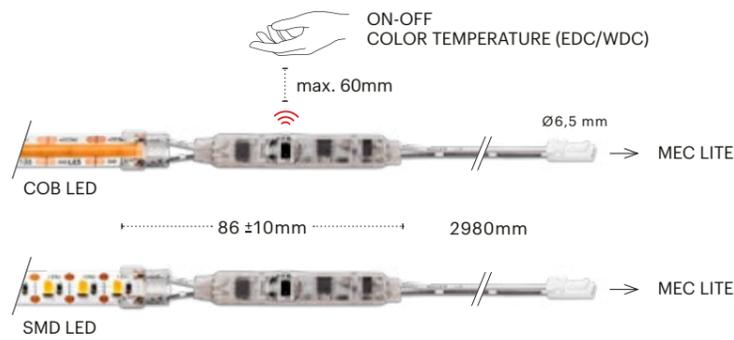
Switching systems

IRS sensor (24 V)

Functions: On/Off - Color Temperature Change (EDC/WDC LED)
Max. load: 3A - 72W

Proximity switch for reel to reel crimp connection to 24V SMD/COB LED strips complete with 2980mm power cable.
Requires a specific cover (pre-cut and drilled diffuser portion) different for each profile (not included - codes on the profile page).

V IN	LED	MONO	CODE
24V DC	5 mm	MONO	941300521
		EDC/WDC	941300522
	8 mm	MONO	941300523
		EDC/WDC	941300524



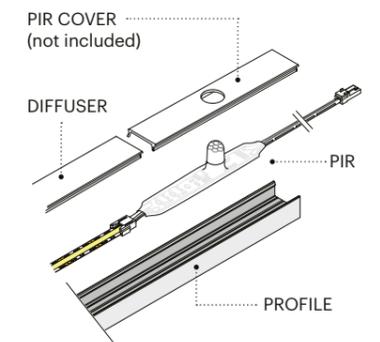
Switching systems

PIR sensor (24 V)

Functions: On/Off - Detection range: 2m
Max. load: 3A - 72W

Motion sensor for reel to reel crimp connection to 24V SMD/COB LED strips complete with 2980mm power cable.
Requires a specific cover (pre-cut and drilled diffuser portion) different for each profile (not included - codes on the profile page).

V IN	LED	MONO	CODE
24V DC	8 mm	MONO	941300525

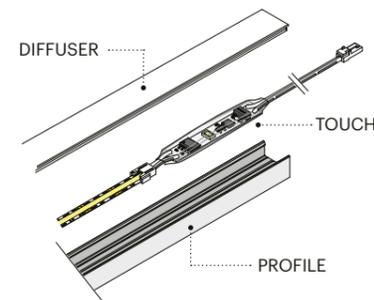
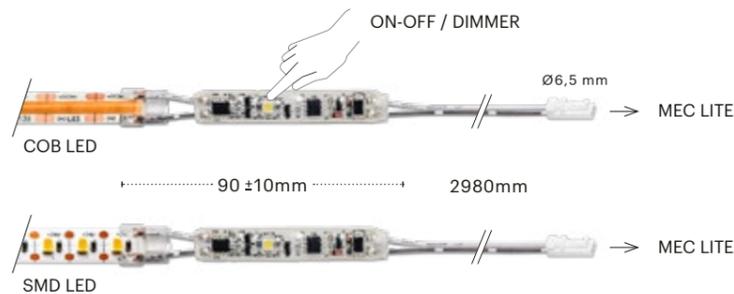


TOUCH sensor (24 V)

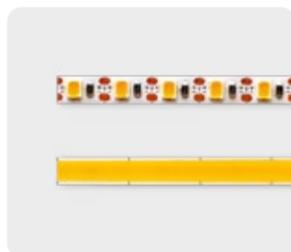
Functions: On/Off - Dimmer
Max. load: 3A - 72W

Optical touch switch for reel to reel crimp connection to 24V SMD/COB LED strips complete with 2980mm power cable.

V IN	LED	MONO	CODE
24V DC	5 mm	MONO	941300560
		8 mm	941300526



LED	MONO	CODE
SMD 5 mm	MONO	P.38
	MONO	P.40
COB 5 mm	MONO	P.42
	MONO	P.43



POWER SUPPLY
MEC Lite
"Ready-to-light"
power supply system
with integrated distributor.
NOT INCLUDED

MEC LITE P.48



LED	MONO	CODE
SMD 5 mm	MONO	P.38
	MONO	P.40
COB 5 mm	MONO	P.42
	MONO	P.43



POWER SUPPLY
MEC Lite
"Ready-to-light"
power supply system
with integrated distributor.
NOT INCLUDED

MEC LITE P.48



MEC LITE

Ready-to-light

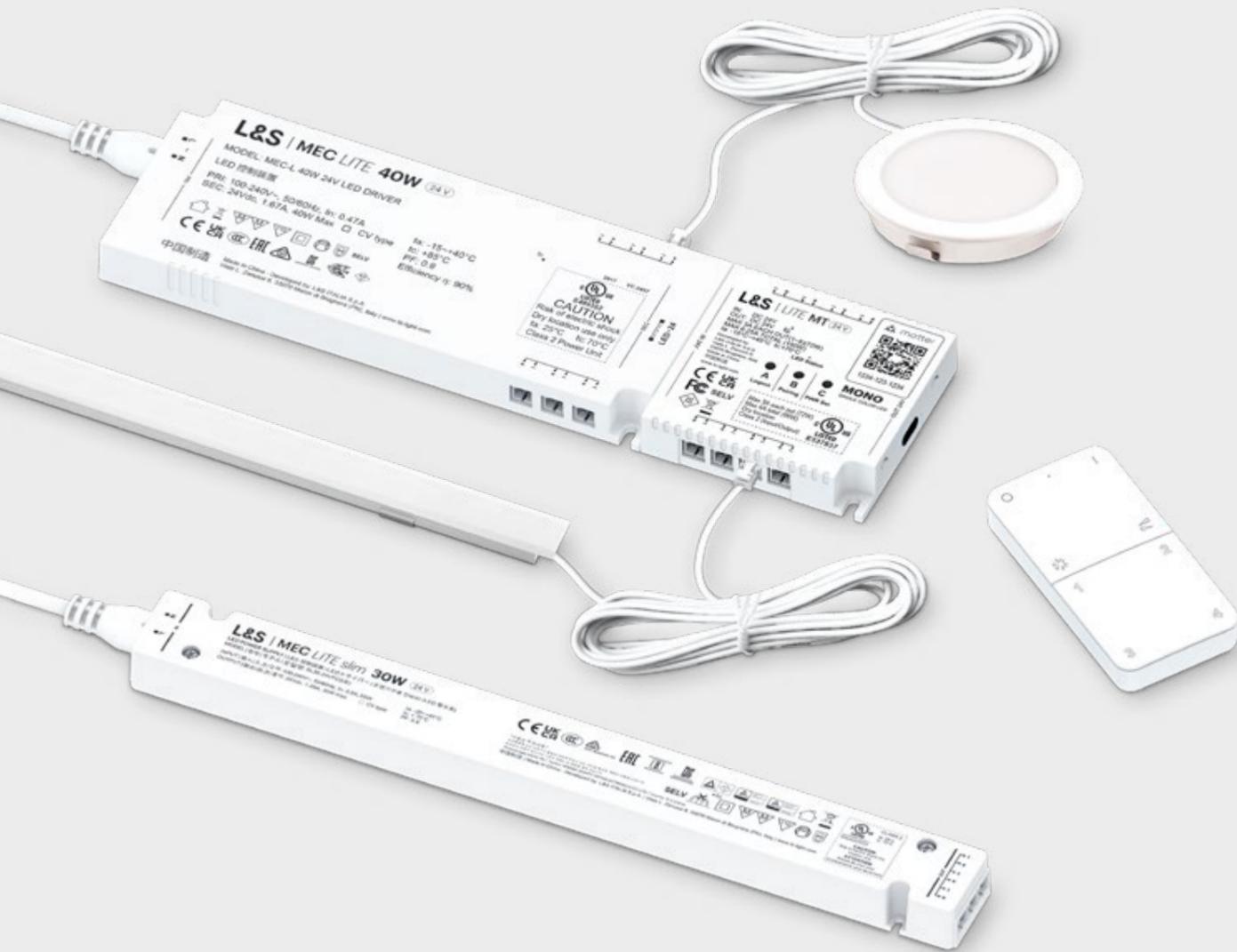
MEC LITE, the new "Ready-to-light" power and control platform for LED lamps.

MEC LITE is a multi-certified product with a compact and modular design: equipped with an integrated power distributor, it is **versatile, straightforward 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



Practical integrated power distributor

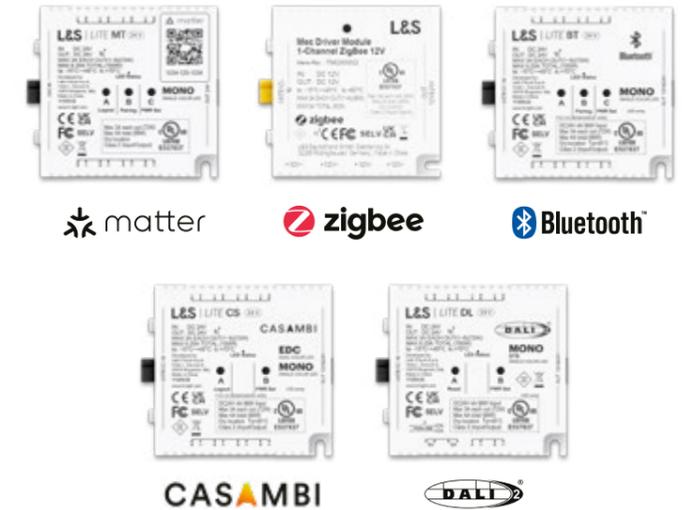
The integrated power distributor of **MEC LITE**, with an optimized number of outputs based on the power supply's capacity, is a practical and easy-to-use solution for quickly connecting LED lamps without additional distribution modules, which can still be used if it becomes necessary to power a larger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

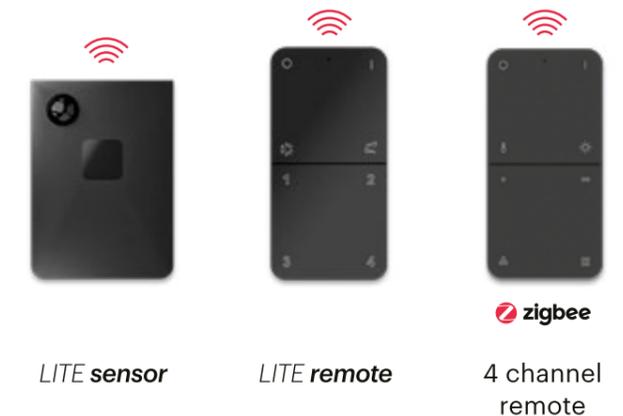
Control modules: Easier Smart Home

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; 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. The **LITE DL** and **LITE CS** modules, based on the DALI and CASAMBI protocol, allow for advanced and more professional control.



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.



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.



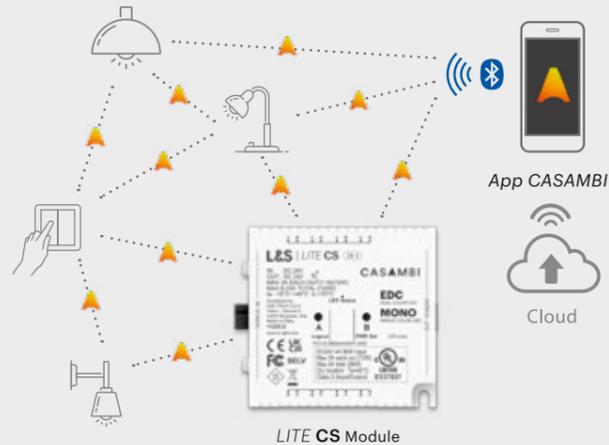
Smart Control

Integration with all protocols

CASAMBI

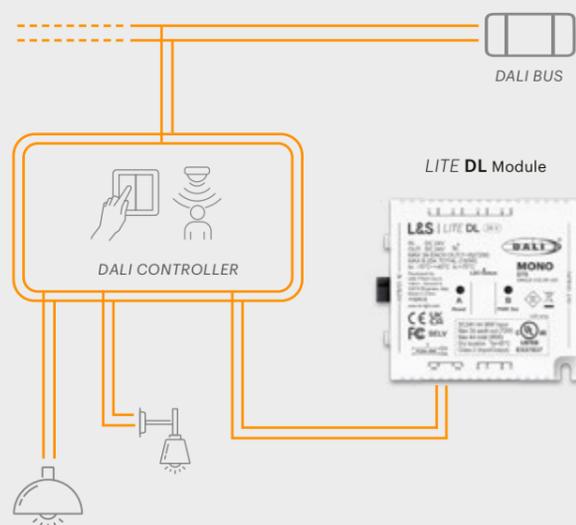
Complete wireless system:
fewer cables, greater control

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.



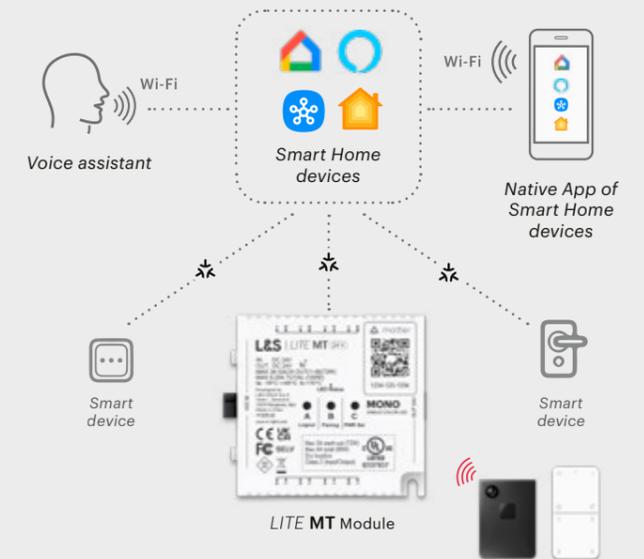
International wired standard
for lighting control

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.



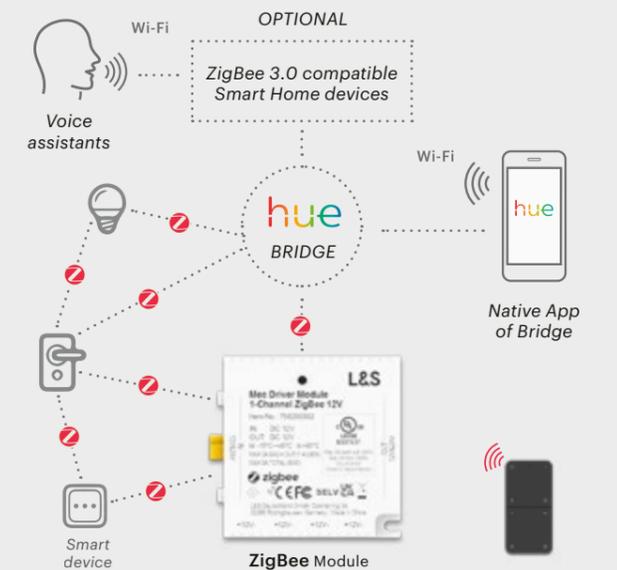
The universal standard for
Smart Home devices

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.



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

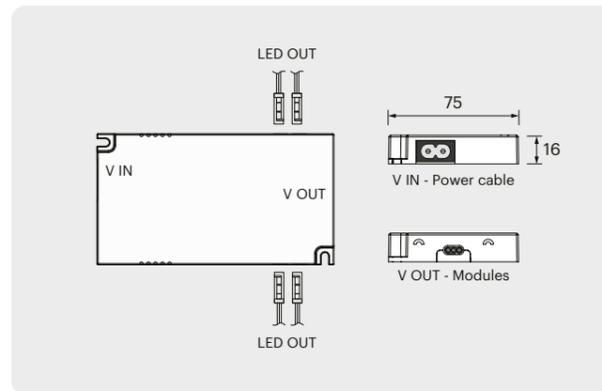
V IN: 100-240V AC WIDE INPUT
V OUT: 24V DC

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.



V IN	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

POWER CABLE

V IN: 100-240V
L= 2000mm

Choose the power cable according to the type of plug suitable for your target market.

NOT INCLUDED

PLUG	CODICE
EU	940600561
UK	940600557
AU	940600559
US	940600560
CN	940600558
KR	940600562
JP	940600585



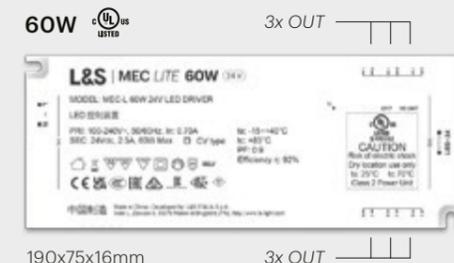
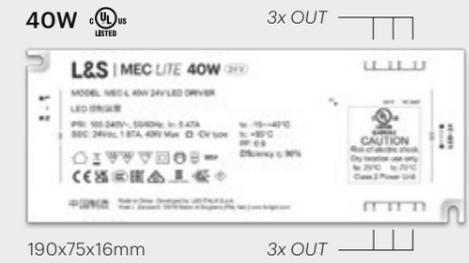
CONTROL MODULES CONNECTION CABLE

V IN/OUT: 24V / 12V DC
MAX load: 5A

For connecting MEC LITE power supply systems to Control Modules; suitable also for Module-to-Module connections.

OPTIONAL

L	CODE
100 mm	940600484
500 mm	940600485
1000 mm	940600486



MEC LITE slim



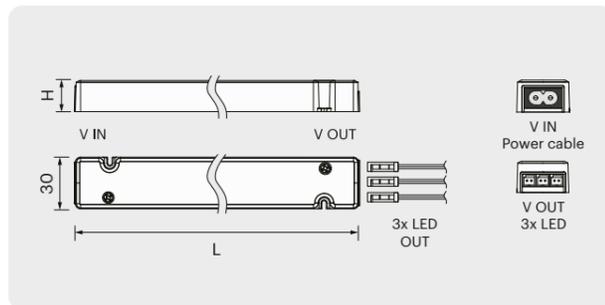
LED LIGHTS POWER SUPPLY

V IN: 100-240V AC WIDE INPUT
V OUT: 24V 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	LxH	CODE
100-240VAC	24V DC	30W	3	288x16 mm	750800212
		60W	3	320x18 mm	750800213
		96W	3	320x18 mm	750800214

POWER CABLE

V IN: 100-240V
L= 2000mm

Choose the power cable according to the type of plug suitable for your target market.

NOT INCLUDED

PLUG	CODICE
EU	940600561
UK	940600557
AU	940600559
US	940600560
CN	940600558
KR	940600562
JP	940600585



CONTROL MODULES ADAPTER CABLE

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

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

OPTIONAL

L	CODE
100 mm	910300031



CONTROL MODULES CONNECTION CABLE

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

For Module-to-Module connections.

OPTIONAL

L	CODE
100 mm	940600484
500 mm	940600485
1000 mm	940600486



30W cULus LISTED



288x30x16mm

60W cULus LISTED

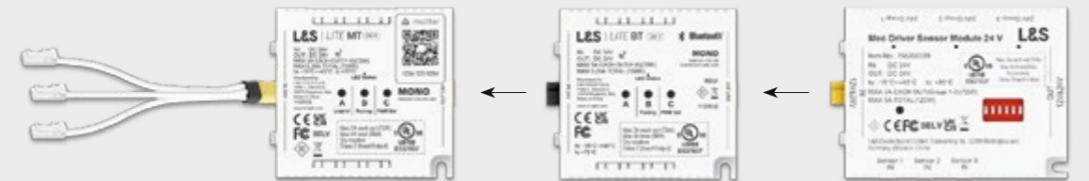
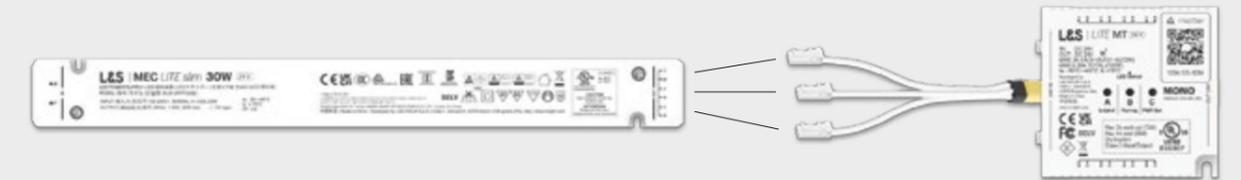


320x30x18mm

96W cULus LISTED



320x30x18mm



LITE MT



CONTROL MODULE FOR LED LAMPS

V IN/OUT: 24V DC

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

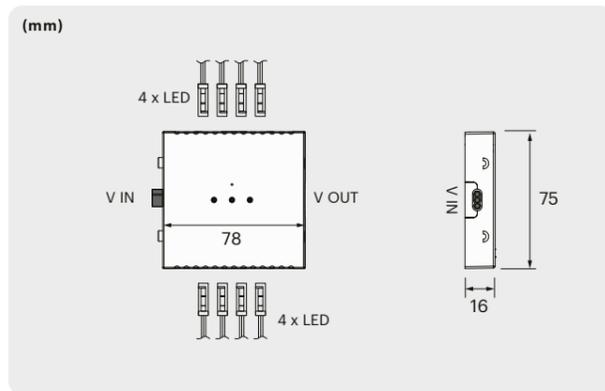
Simultaneous control up to 8 LED lights using compatible radio frequency transmitters or via Matter protocol to connect the module to the native app of the Smart Home device in use (e.g., Amazon Alexa, SmartThings, Apple HomeKit) thus eliminating the issue of managing different apps and protocols. Available 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	V IN	LED	CODE
8	150 W Total 72 W Single way	24V DC	MONO	756200640
			EDC / WDC	756200645

For use with lamps without integrated switching system only.



REMOTE CONTROL



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: 24V DC

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

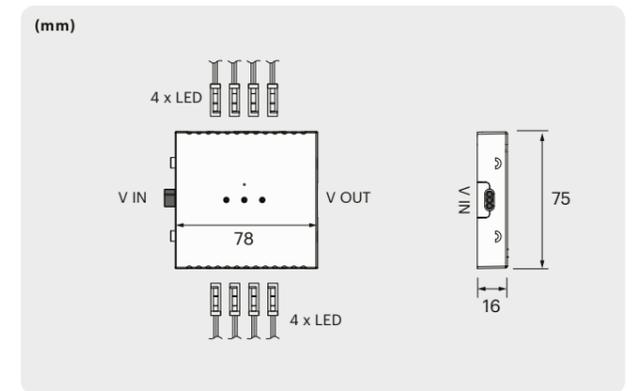
Simultaneous control up to 8 LED lights using compatible radio frequency transmitters or via Bluetooth with a smartphone. Available for MONO or Dual Color (EDC/WDC) LED. Maintain the same operating voltage of 24V for all connected modules in a continuous line.

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



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

For use with lamps without integrated switching system only.



REMOTE CONTROL



Control via smartphone with the Bluetooth app (L&S LITE BT) 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



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:

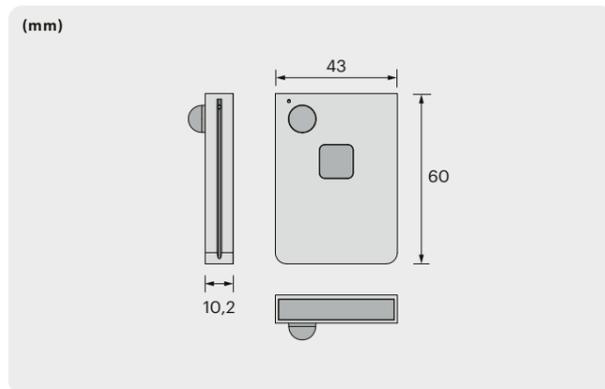
- PIR Motion Sensor
- IR Door sensor
- TOUCH Transmitter



CHANNELS	CONTROLS	CODE
1	On-Off / Dimmer Color temperature (EDC/WDC)	756200636

RADIO RANGE: 15m INDOOR

BATTERY: CR2450 - 3V INCLUDED (3 YEARS)

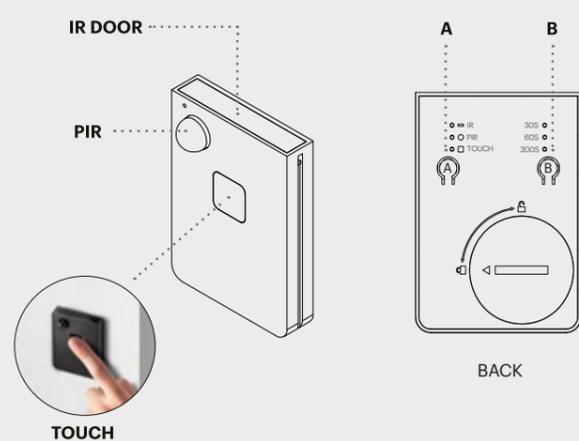


COMPATIBLE MODULES

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



TOUCH	SINGLE PRESS On/Off. LONG PRESS Progressive Dimmer.
Button A	SINGLE PRESS Operating mode selection: IR (door) / PIR / Touch. LONG PRESS Compatible Receiver Module pairing.
Button B	SINGLE PRESS Auto-OFF Timing setting. IR/PIR: 30s / 60s / 300s. LONG PRESS Color Temperature adjustments (EDC/WDC Dual Color LED only).
A + B	LONG PRESS Receiver Module un pairing.

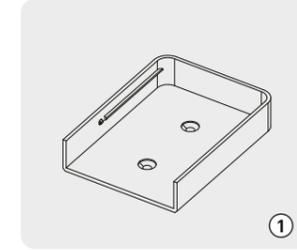


LITE sensor

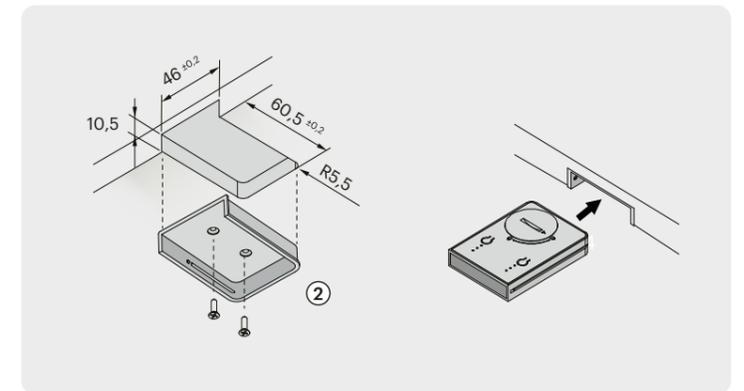
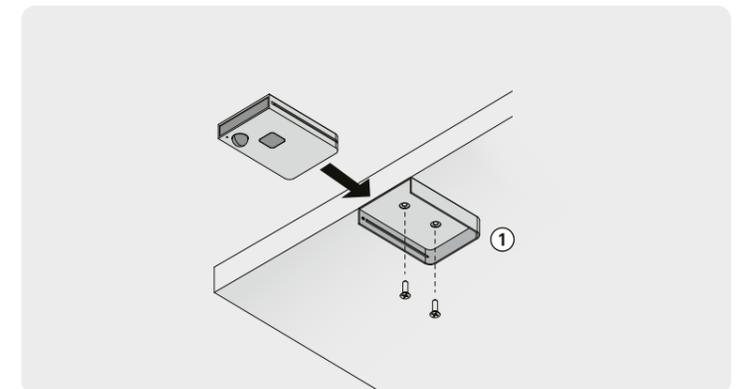
MOUNTING SUPPORTS

For recessed or surface (wall) mounting.

INCLUDED



INSTALLATION



LITE remote



2.4GHz RADIO FREQUENCY TRANSMITTER

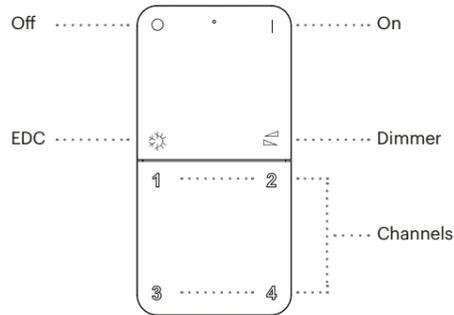
4 independent channels.

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



CHANNELS	CONTROLS	CODE
4	On-Off / Dimmer Color temperature (EDC/WDC)	01 756200639 02 756200638

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

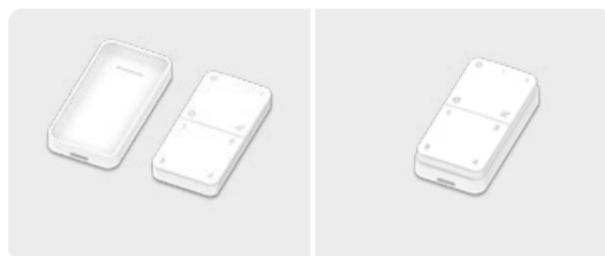
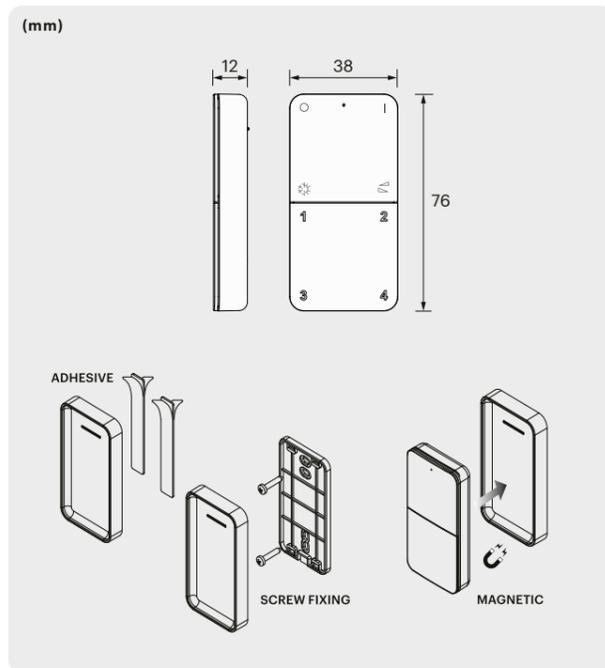


MAGNETIC WALL SUPPORT

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: 24V DC

2,4GHz Radio frequency receiver - Single Channel. With ZigBee protocol.

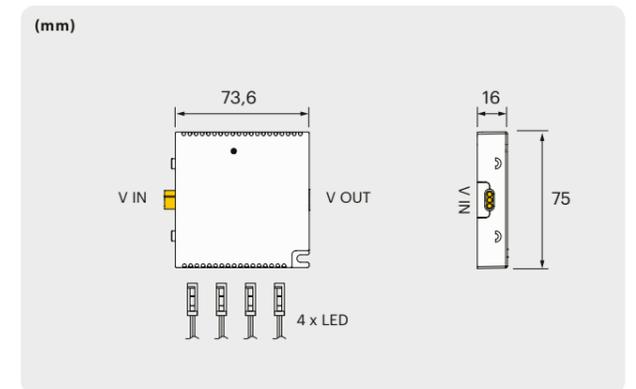
Simultaneous control of up to 4 LED lamps with compatible radio frequency transmitters, can be used with MONO or Dual Color (EDC/WDC) LEDs (mode setting via on board DIP Switch). The module works with the ZigBee wireless protocol and can be connected with other Smart Home devices in a reliable low-energy 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).

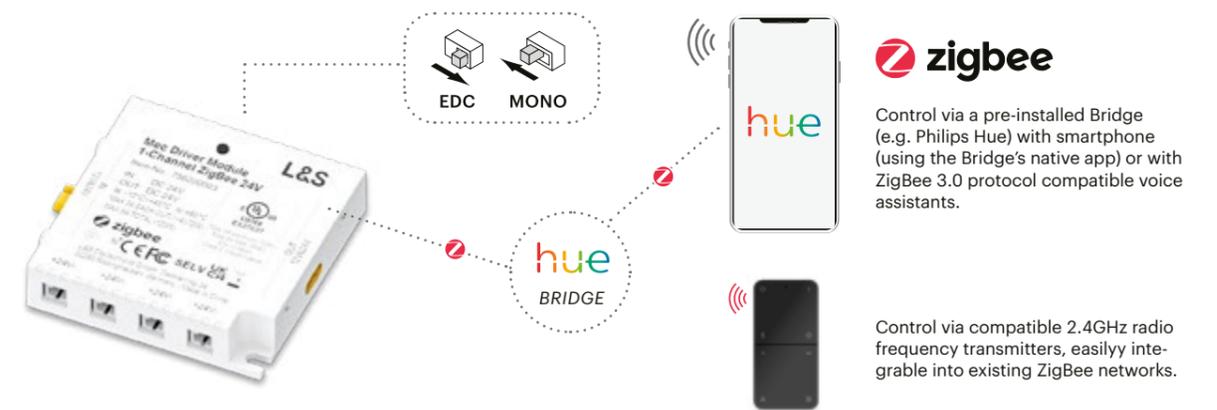


WAYS	MAX LOAD	V IN	LED	CODE
4	120 W Total 72 W Single way	24V DC	MONO EDC / WDC	756200028

For use with lamps without integrated switching system only.



REMOTE CONTROL



COMPATIBLE 2.4GHz TRANSMITTERS

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



Zigbee Module 4 channel



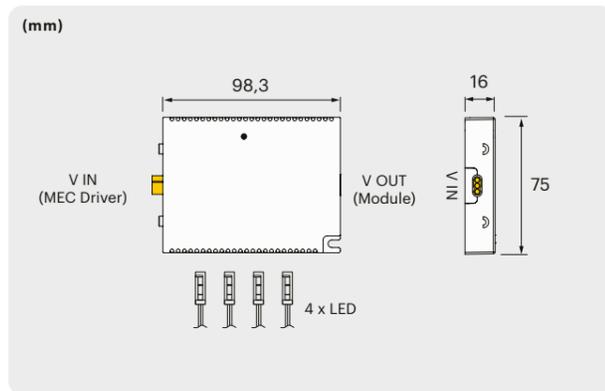
CONTROL MODULE FOR LED LAMPS

V IN/OUT: 24V DC
 2,4GHz Radio frequency receiver - 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).

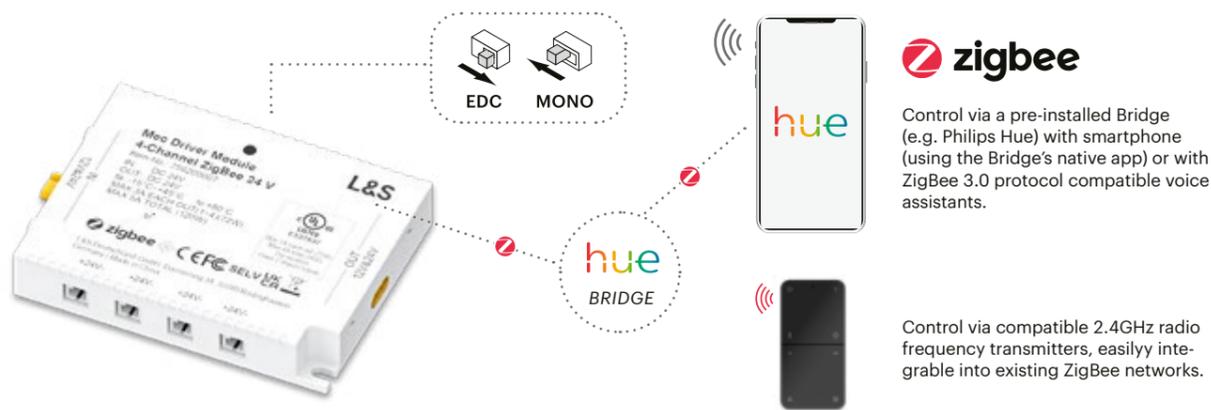


WAYS	MAX LOAD	V IN	LED	CODE
4	120 W Total 72 W Single way	24V DC	MONO EDC / WDC	756200031

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



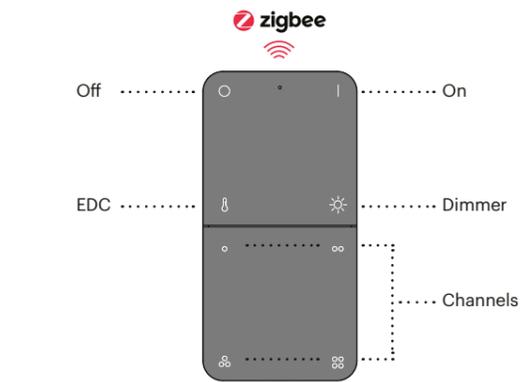
2.4GHz RADIO FREQUENCY TRANSMITTER

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.



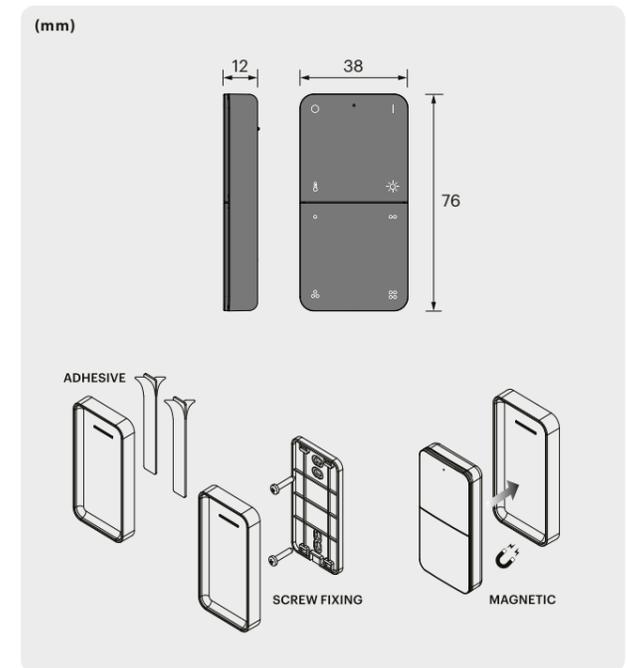
CHANNELS	CONTROLS	CODE
4	On-Off / Dimmer Color temperature (EDC/WDC)	03 756200040

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

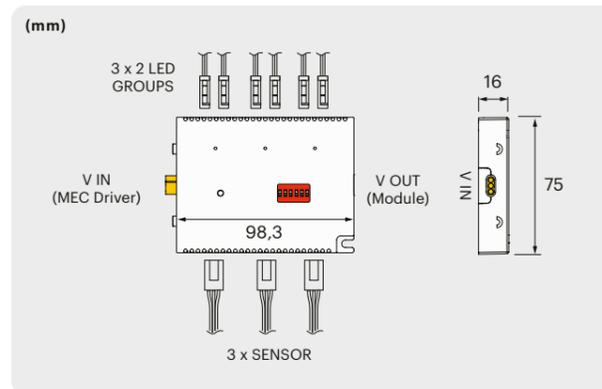


CONTROL MODULE FOR LED LAMPS

V IN/OUT: 24V DC
 2,4GHz Radio frequency receiver - 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	V IN	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

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

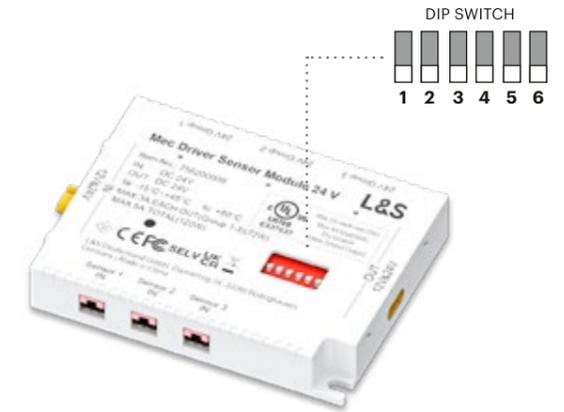
Each group of LED outputs is controlled by the corresponding sensor / switch.

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.

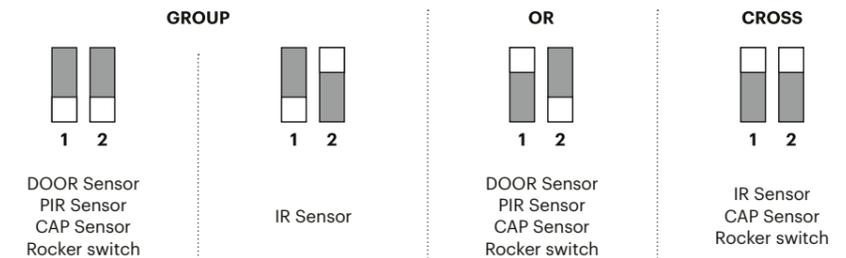
CROSS SWITCHING

Each sensor / switch controls all connected LED devices simultaneously.



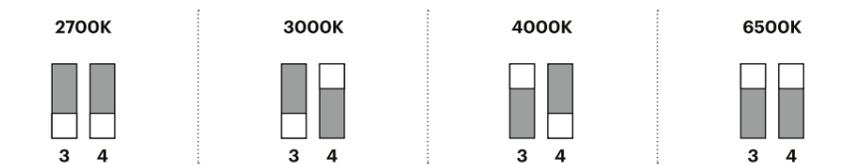
DIP SWITCH SETTINGS

SWITCHING MODE SELECTION



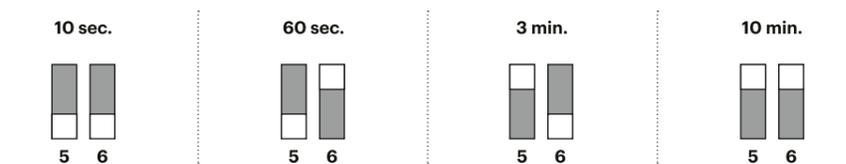
COLOR TEMPERATURE OF CONNECTED LAMPS

Can only be used with Dual Color EDC/WDC LEDs.



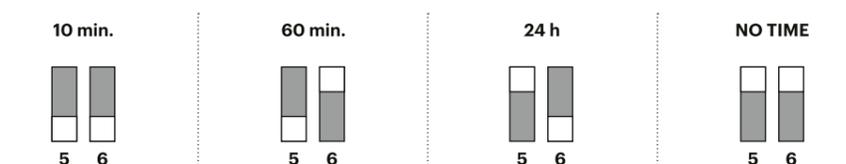
PIR SENSORS: SWITCH-OFF TIMER SETTING

Time is calculated from the last sensor detection.



IR DOOR SENSORS: SWITCH-OFF TIMER SETTING

The time is calculated from the last door opening.

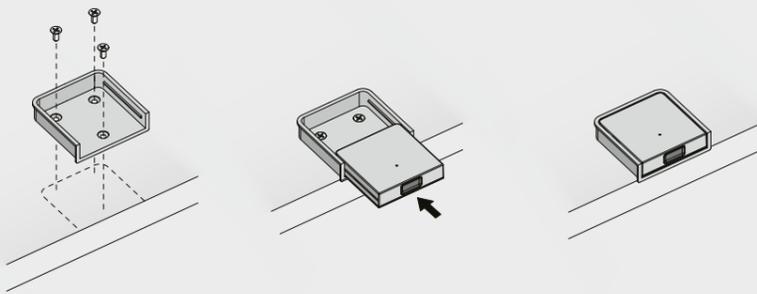


Sensor Module

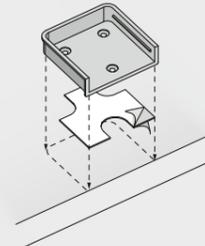
WIRELESS SENSORS 2.4GHz

(mm)

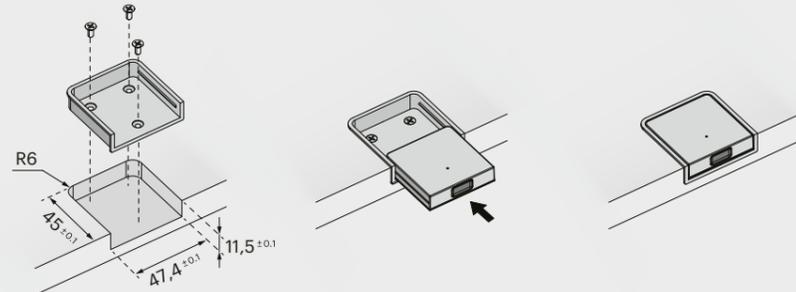
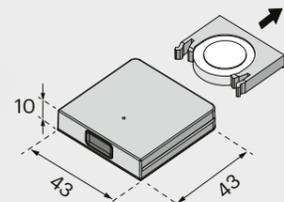
Surface mounting (screws included)



Surface mounting with double-sided tape (included)



Recessed mounting

Battery included:
CR2450 3V (3 years)**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

GROUP	OR	CODE
		03 756200811
		01 756200809

**IR 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

GROUP	CROSS	CODE
		03 756200810
		01 756200808

**PIR SENSOR**

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

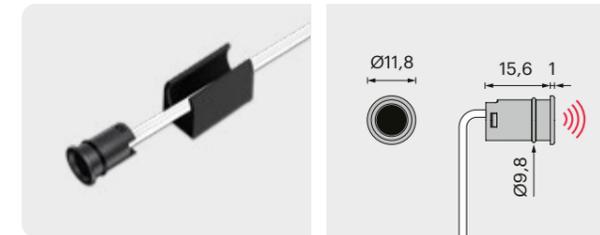
Available in Black or White.
Dimensions: 43 x 43 x 2 mm

GROUP	OR	CODE
		03 756200807
		01 756200812

Sensor Module

CABLED SENSORS - 2000mm

(mm)

**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

IR DOOR SENSOR		IR TOUCH SWITCH	
GROUP	OR	GROUP	CROSS
1	2	1	2

**PIR SENSOR**

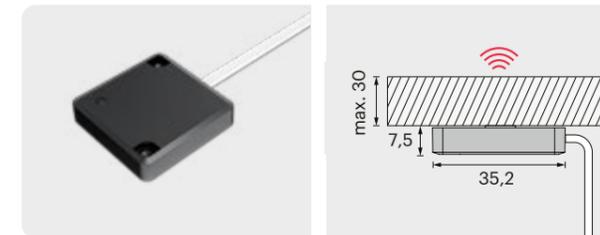
Mini cabled Motion Sensor (ON-OFF) for recessed installation.
Surface installation with swiveling spacer (sold separately).

Hole: Ø13mm
Distance / Detection angle: 3000mm max. / 70

GROUP	OR
1	2

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

	CODE
PIR Sensor (2000mm cable)	941300050
Spacer	943900005

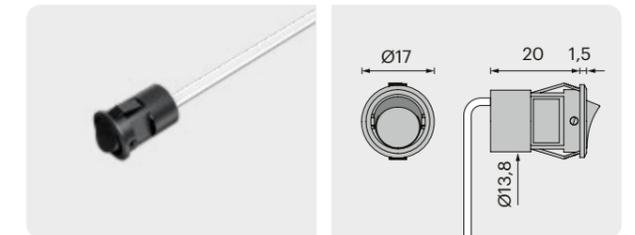
**CAP SENSOR**

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.

GROUP	OR	CROSS
1	2	1

	CODE
CAP Sensor (2000mm cable)	941300051

**ROCKER SWITCH**

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

Hole: Ø14mm

GROUP	OR	CROSS
1	2	1

	CODE
Rocker switch (2000mm cable)	941300052

LITE CS



CONTROL MODULE FOR LED LAMPS

V IN/OUT: 24V DC

With Casambi protocol.

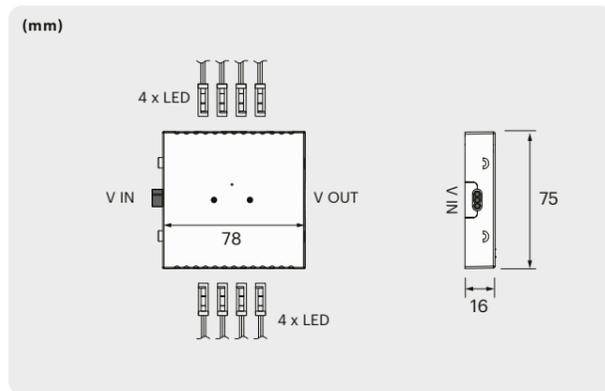
Simultaneous control of up to 8 LED lamps via Bluetooth with a smartphone, can be used with MONO or EDC/WDC Dual color LEDs (mode setting via App). The module operates on the Casambi wireless protocol, based on the reliable Bluetooth Mesh technology, connected with other Smart Home devices in a reliable 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).

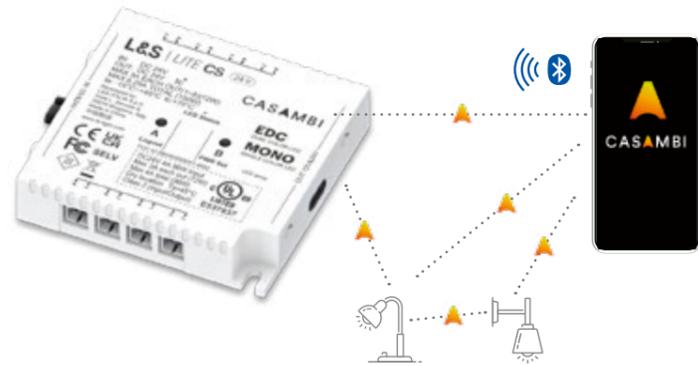


WAYS	MAX LOAD	V IN	LED	CODE
8	150 W Total 72 W Single way	24V DC	MONO EDC / WDC	756200888

For use with lamps without integrated switching system only.



REMOTE CONTROL



CASAMBI

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

LITE DL



CONTROL MODULE FOR LED LAMPS

V IN/OUT: 24V DC

With DALI-2 protocol.

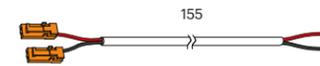
Simultaneous control of up to 6 LED lamps via DALI protocol, available for MONO (DALI DT6) or EDC/WDC Dual Color LED (DALI DT8). Certified by the DALI Alliance according to the international DALI-2 standard (Digital Addressable Lighting Interface), ensuring high quality, component interoperability, and 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).

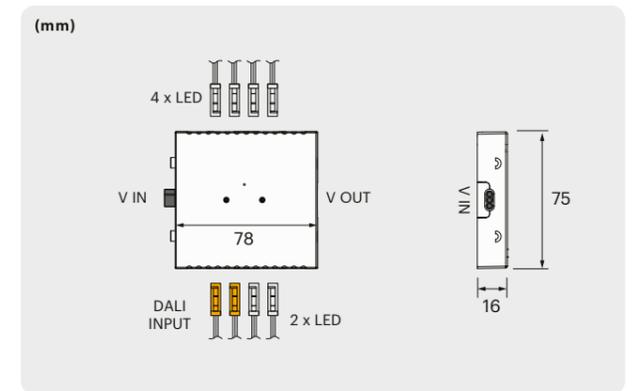


WAYS	MAX LOAD	V IN	LED	CODE
6	150 W Total 72 W Single way	24V DC	MONO EDC / WDC	756200889 756200890

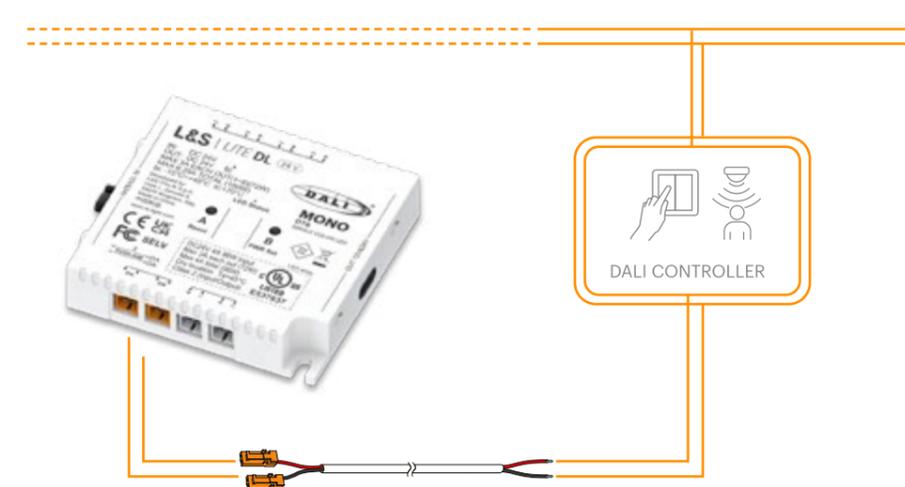
Connect the LITE DL module to the DALI BUS using the specific connection cable (155mm) included.



For use with lamps without integrated switching system only.



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 CE

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.

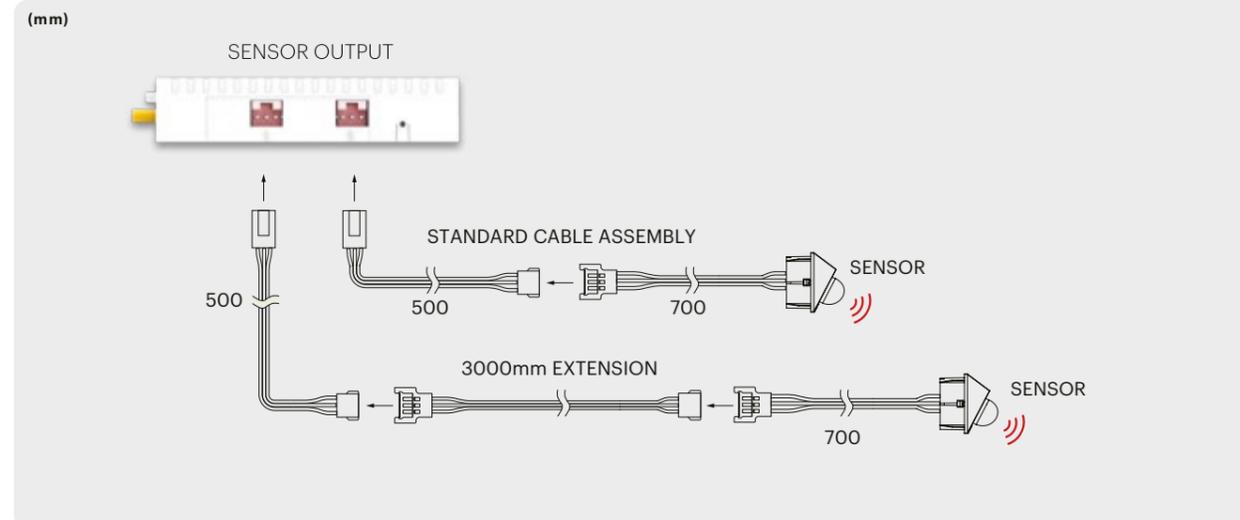
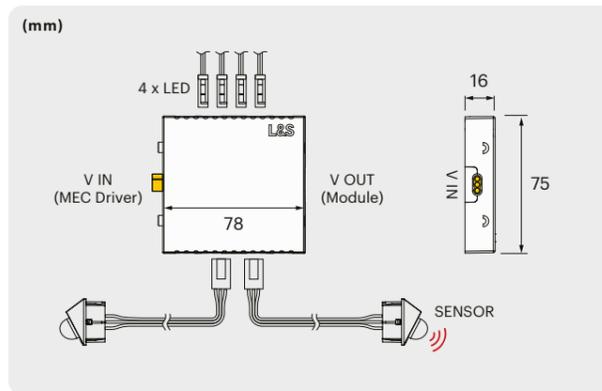
Functions: On-Off / Dimming.



WAYS	MAX LOAD	V IN	LED	CODE
4	120 W Total 72 W Single way	24V DC	MONO	756200895

For use with lamps without integrated switching system only.

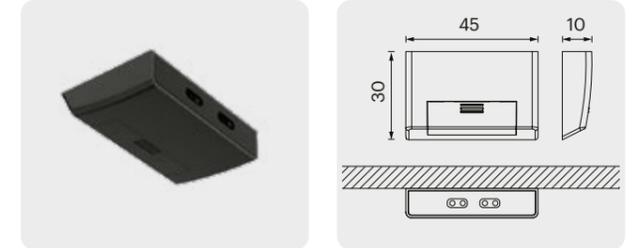
EXTRA SENSOR CABLE	CODE
3000mm	940602227



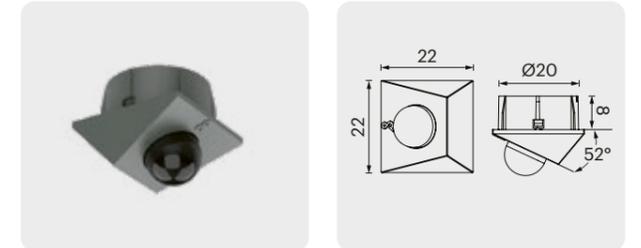
Wired C

CABLED SENSORS

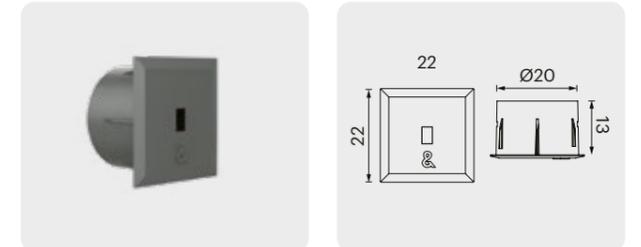
IR DOOR WEDGE	CODE
Handy, small-sized door contact sensor for surface mounting; its 2 IR detectors on board make it ideal for two-door cabinets. Cable hole: Ø8mm	941300700



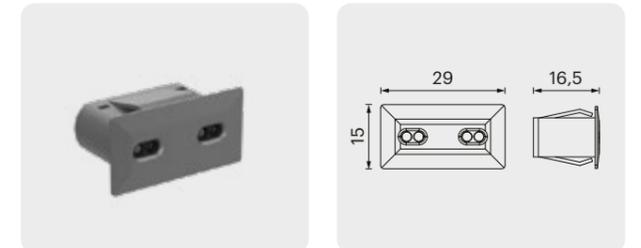
PIR SENSOR	CODE
Motion sensor for recessed mounting. Switch-off time (16 or 180 seconds, starting from last detection) selectable on the WIRED-C module. Memory of setting also in case of a power failure. Hole: Ø20mm	941300701



TOUCH SENSOR	CODE
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	941300702



DOUBLE IR SENSOR	CODE
Handy, small-sized door contact sensor for recessed mounting; its 2 IR detectors on board make it ideal for two-door cabinets. Hole: 27x12mm	941300703



Switching and control

Moove FREE CUT

“MOOVE” FIXTURES WITHOUT SWITCHING SYSTEM

Moove DIY lighting fixtures assembled without integrated switching (e.g., switch) require a separate control system (Smart Home solutions, transmitters, or cabled switching systems) for On/Off control and light intensity adjustment. Color temperature management (all Moove luminaires are equipped with Dual Color LEDs) can always be controlled by reversing the insertion side of the plug&play power connector (Moove 1/2/3) or using the included EDC Jumper cable (Moove 4).

When connected directly to the power supply system, On-Off control is performed exclusively via a switch controlled outlet that supplies mains voltage to the power supply unit.



POWER SUPPLY AND CONTROL

Moove lighting fixtures without switching system can be connected to MEC LITE via:

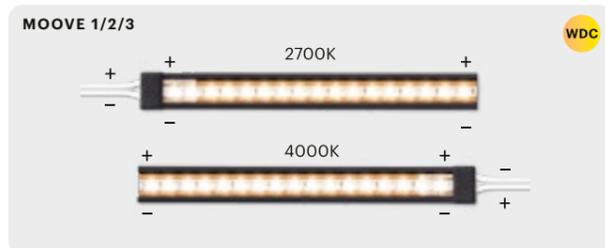
- **Integrated power distributor:**
MEC LITE must be connected to a wall switch controlled outlet for On-Off control of the fixtures connected. Other light adjustments (e.g. dimming) are not possible.
- **Control modules** (or other 'external' systems):
MEC LITE is connected to a normal mains outlet and all lighting functions of the fixture (including color temperature adjustment) are managed by the control module and its compatible control systems (sensors, radio controls, smartphones, etc.).



COLOR TEMPERATURE ADJUSTMENT

When connected directly to the power supply system, the color temperature adjustment of Moove DIY fixtures without integrated switching varies depending on the model:

- **Moove 1/2/3 (WDC Dual Color):**
the color temperature varies from 2700K to 4000K by reversing the insertion side of the power connector.
- **Moove 4 (EDC Dual Color):**
this fixture is supplied with a 50mm EDC Jumper cable, to be mounted during installation at the end of the power cable to change the color temperature from 3000K to 4000K.



Switching and control

Moove FREE CUT

“MOOVE” FIXTURES WITH INTEGRATED CONTROL

Moove DIY lighting fixtures are compatible with plug&play switching systems complete with power cable, for On-Off control and, depending on the type, adjustment of the fixture's light intensity. Color temperature management (all Moove fixtures are equipped with Dual Color LEDs) can always be set by reversing the insertion side of the chosen control system (Moove 1/2/3/5).

To insert the ignition system correctly, it is necessary to cut the luminaire diffuser 22mm (Moove 2) or 36mm (Moove 1/3) shorter than the lamp.

Luminaires with integrated control are **not compatible** for use with Smart Home solutions, transmitters or cabled switching systems.



POWER SUPPLY

Moove lighting fixtures with integrated control must be connected to MEC LITE **exclusively via the integrated power distributor**: do not connect these fixtures to Control Modules or other switching systems.

For the system to function correctly, the power supply **must not** be connected to a switch controlled outlet.



IRS



IR SENSOR

Moove 1/2/3

Integrated infrared sensor that detects hand movement (within 6 cm) without touch.

Functions:

- On/Off (soft start)
- Color temperature change: with lamp On, hold your hand near the switch for about 3 seconds.

TCS



TOUCH SWITCH

Moove 1/3

Control is performed by touching the diffuser at the point indicated by the TCS signal LED.

Functions:

- Single Touch: On/Off (soft start).
- Long Touch (lamp On): Dimming

PIR



PIR MOTION SENSOR

Moove 1/3

Control achieved by entering the sensor's detection range or by opening the cabinet door:

Functions:

- On/Off (soft start): the lamp switches off when the door is closed or after a set time has elapsed since the last detection.

IRD



IR DOOR SENSOR

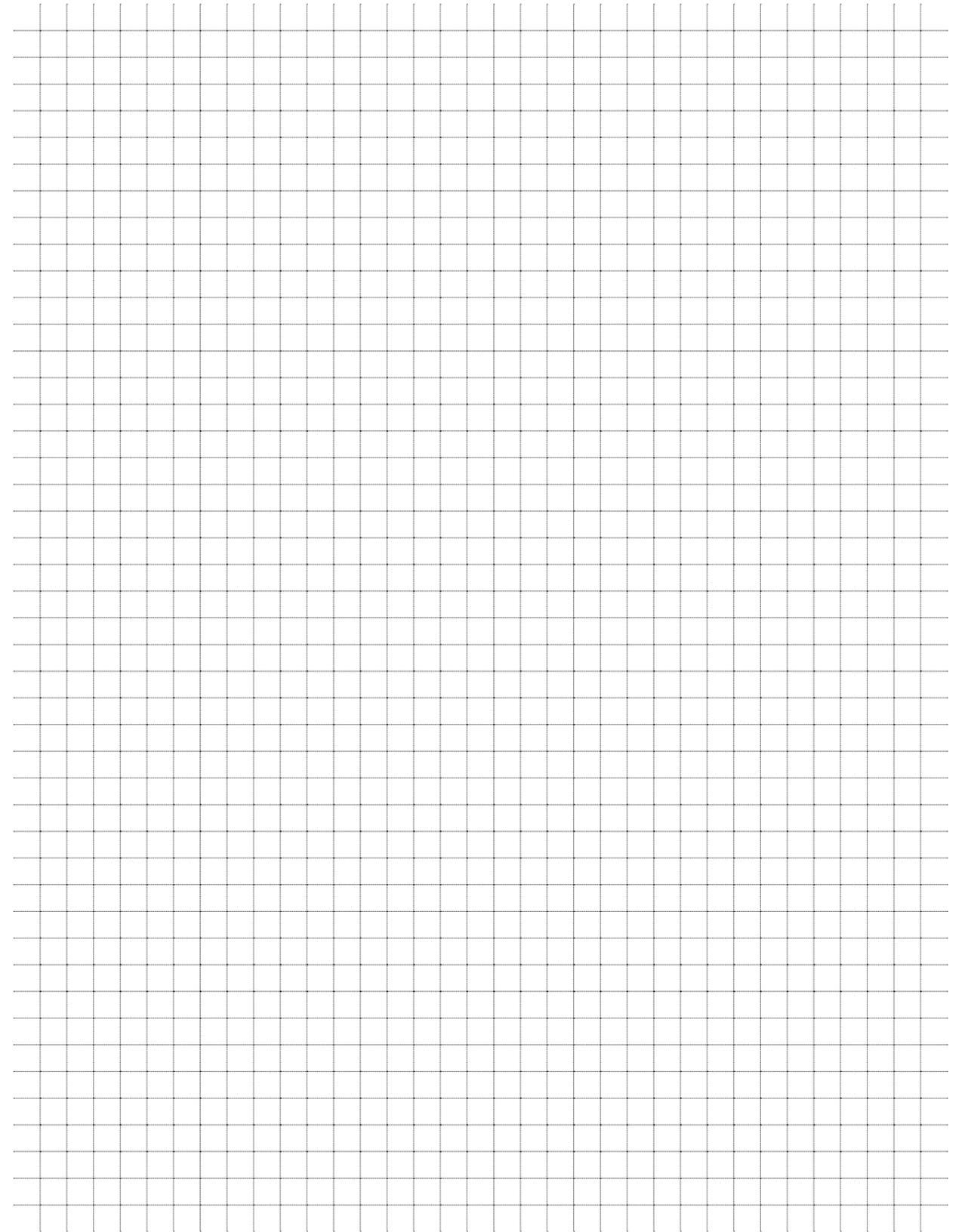
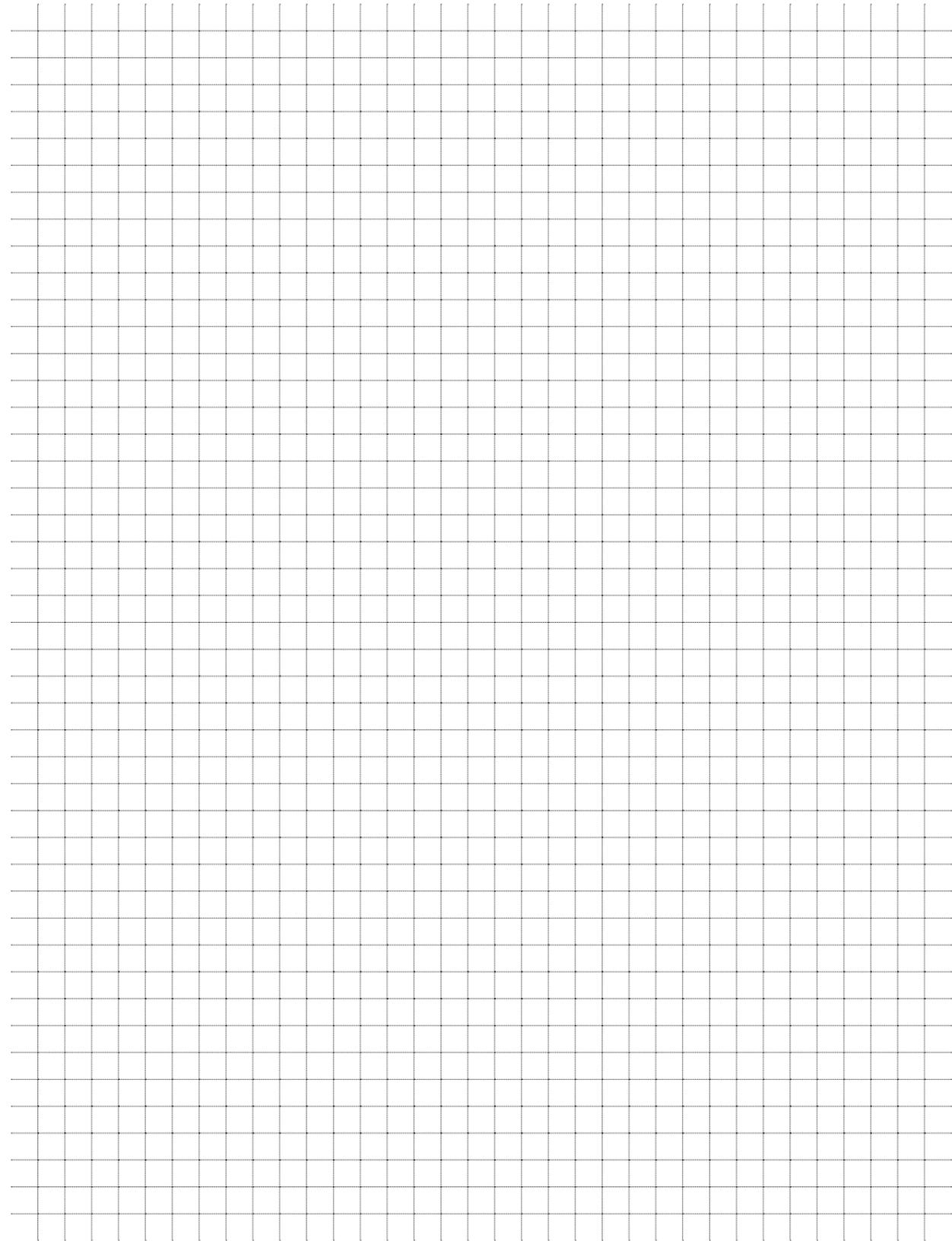
Moove 5

Integrated infrared sensor for cabinet door opening detection.

Functions:

- On/Off (soft start): open/close the door of the cabinet / drawer

For color temperature control, refer to the specific section (P.<?>).



The information in this catalog may be subject to errors.
The items, their characteristics, data, and dimensions
contained therein are not binding and may be subject to
change without notice from the company.

L&S ITALIA SPA

SUBSIDIARIES

ITALY

Headquarters
Via L. Zanussi, 8
Maron di Brugnera (PN)
+39 0434 616611
info@ls-light.com

Varese
Via Pacinotti, 64
Varese (VA)
+39 0332 491247

Tavullia
Via del Lavoro, 4
Tavullia (PU)
+39 0721 901123

GERMANY

**L&S Deutschland
GmbH**
Daimlerring, 34
Rödinghausen
+49 5223 8790-0
info@ls-light.de

CHINA

**LS Lighting
(Shanghai) Co., Ltd.**
No. 255, LongPan Rd.,
Malu Town,
Jiading District, Shanghai
+86 021 6915 3825
info.china@ls-light.com

USA

**L&S Lighting
Corporation**
1505 Pavilion Place, Suite A
Norcross, Georgia
+1 877 877 0757
info.us@ls-light.com

