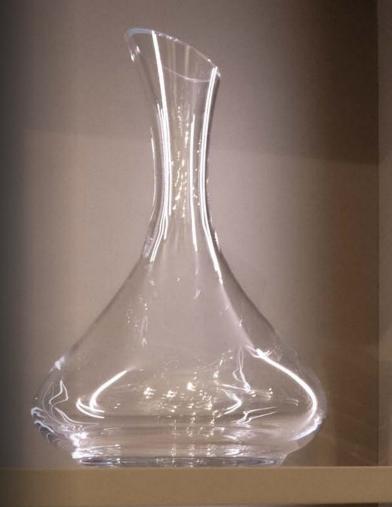
L&S Lighting Solutions

SELECTION 2024

LIGHTING SOLUTIONS, CONTROL SYSTEMS AND POWER SUPPLIES



L&S Lighting Intelligence

G*GRASS

L&S

Lighting Solutions

SELECTION 2024

LIGHTING
SOLUTIONS,
CONTROL
SYSTEMS AND
POWER SUPPLIES





L&S DEUTSCHLAND GMBH RÖDINGHAUSEN, GERMANY

SINCE 2002 L&S ITALIA S.P.A.

BRUGNERA, ITALY **SINCE 1977**

FORMA E FUNZIONE S.R.L. VARESE, ITALY **SINCE 1960**

L&S LIGHTING CORPORATION ATLANTA, USA **SINCE 2011**

PRODUCTION SITES AND

COMMERCIAL SITES

50+

YEARS OF EXPERIENCE

SPECIALIST R&D DEPARTMENTS

50+

500+

COUNTRIES SERVED

CONTRIBUTORS

One international Group, for serving the global market

L&S LIGHTING EQUIPMENT SHANGHAI, CHINA SINCE 2006

We were founded in Italy in 1977 to meet the needs of the furniture industry and soon became a leading international player.

Thanks to the high quality of our production activities and constant investment in technological research, we have progressively expanded our presence in foreign markets. We have had sales offices, R&D departments and production facilities in Germany since 2002, in China since 2006 and in

the USA since 2011. Today, the Group employs over 500 people and operates in more than 50 countries.

The Italian plant covers a total area of 24,500 square metres and houses the management offices, production, logistics and sales facilities, as well as the Research & Development division.

The German office with its commercial action and focus on technology contributes to the

company's expansion into the European market.

The USA, with its specialist knowledge and China, with its specialisation in electronics and mechanics, develop their own target markets and are a logistics hub for international customers.



Index

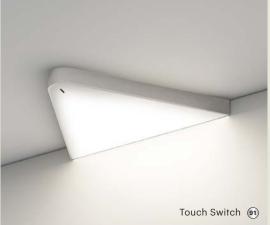
Spotlights	08	Key-T
	10	Planar
	12	Sunrise 58
Facy to install eyetom	14	Moove
Easy to install system	18	Mec Professional
	22	Profiles
	33	LED Reels
	37	COB Reels
Power supply and		
control system	40	Mec Driver
	43	Modules
	46	Smart Control
	47	mini IR

7

Key-T Surface mounting

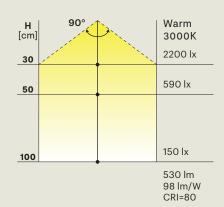
C € K EM







Key-T is a triangular shaped, 11 mm thick, LED spotlight for surface-mounting installation (clip included in the packaging). Available in anodized aluminum with black or steel finish, the version with integrated switch allows the lighting and variation of the light intensity of the spot alone or of all the spots connected to the distributor outputs. The LED source is available with Natural (4000K) or warm (3000K) colour temperature.



SELECTION 2024 KEY-T

Key-T







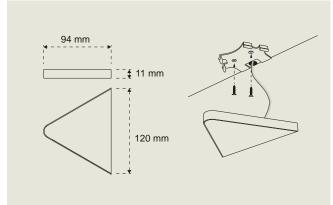












03 Black 91 Steel

KEY-T - 24V DC	Wit	thout Switch
@ 92800120300ZW	5W	3000K
91 92800129100ZW		

4000K on request

ACCESSOIRES, ALIMENTATION ET CONTRÔLE

MEC DRIVER (p.40)

Power supply system for 12-24V LED with modular connection of distribution and Smart control modules

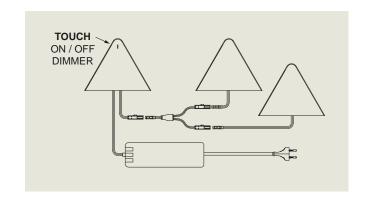


SMART SYSTEM (p.46)

Wireless sensors and controllers for remote control of the LED lamps connected to Smart control modules



KIT KEY-T - 24V DC	KIT 3 SPOTS + 1	15W DRIVER
63 12426270300ZW	15W	3000K
91 12426279100ZW		
N° 1 Spotlight with Touc N° 2 Spotlights without N° 1 LED Driver 15W		тоисн



Planar S

C€ KK

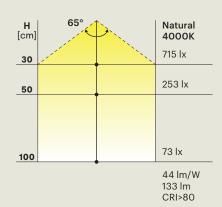
Surface mounting







Planar S is a spotlight for under wall units with square design, featuring a homogeneous light flux and no visible LEDs. Available in two different finishes (Black or Aluminium) it is characterized by a reduced thickness (5 mm) that allows maximum versatility of application, featuring easy installation by means of screws (included). The LED source is available with Natural colour temperature (4000K).

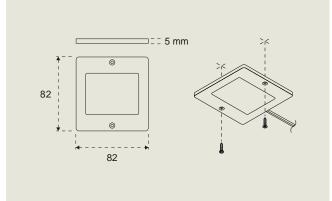


SELECTION 2024 PLANAR S

Planar S







03 Black 12 Aluminium

PLANAR S - 24V DC

o 597600003	3W	82x82mm	4000K
12 597600004			

Without switch

ACCESSORIES, POWER SUPPLY AND CONTROL

MEC DRIVER (p.40)

Power supply system for 12-24V LED with modular connection of distribution and Smart control modules



SMART SYSTEM (p.46)

Wireless sensors and controllers for remote control of the LED lamps connected to Smart control modules



Sunrise 58

C € ĽK

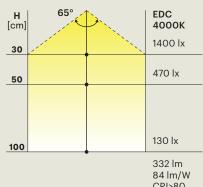
Recessed / surface mounted spotlight







Recessed aluminium spotlight with opal polycarbonate diffuser. Available in black, brushed steel or metal grey finish, it can be used as an under-cabinet or inside-cabinet, where it can be installed recessed or surface-mounted by using the special spacer (not included). The EDC Emotion Dual Colour LED light source allows colour temperature variation from 3000K to 4000K.



CRI>80

SELECTION 2024 SUNRISE 58

Sunrise 58

















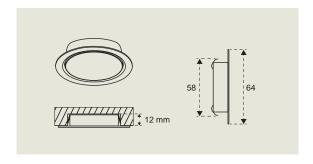


65 Metallic grey

(91) Brushed steel

SUNRISE 58 - EDC - 24V DC 3000K÷4000K 3000K÷4000K 4W Ø58mm 28100046520ZD

91 28100049120ZD



ACCESSORIES, POWER SUPPLY AND CONTROL

EMOTION JUMPER

The included cable allows colour temperature variation from 3000K to 4000K.



MEC DRIVER (p.40)

Power supply system for 12-24V LED with modular connection of distribution and Smart control modules



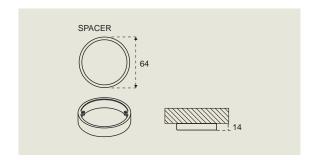
SMART SYSTEM (p.46)

Wireless sensors and controllers for remote control of the LED lamps connected to Smart control modules



SPACER

03	23300090300	h.14mm	Ø58mm
65	23300096500		
91)	23300099100		



€

Moove

Refined design and innovative features to enhance the furniture and meet any installation requirement

Recessed linear lamp made of aluminium, ideal for enhancing any space: refined design and innovative features make Moove a versatile cutting edge lighting system. The aluminium profile, 3m long, incorporates a state of the art LED strip, without modules: it is therefore possible to cut the lamp to the millimeter without damaging the light source. The luminaire is easily powered via a "plug&play" connector integrated within the profile's end cap; the polycarbonate screen, inclined and retracted for effective anti-glare effect, can be easily removed and reoriented to change the direction of the light beam, so meeting any installation requirement. The Emotion Dual Color LED light source guarantees uniform light emission, allowing color temperature variation from 3000K to 4000K.

IDEAL FOR

 any residential environment

FEATURES

- "plug&play" system
- easy installation/ replacement
- · cuttable to size
- changeable light beam direction

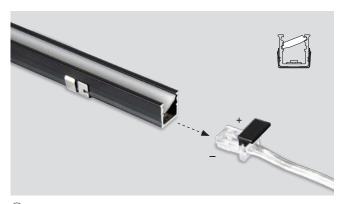
SELECTION 2024 MOOVE







SCREEN ORIENTATION CHANGE





 $\ensuremath{\textcircled{\textbf{1}}}$ Remove the wired power connector

2 Take off the screen

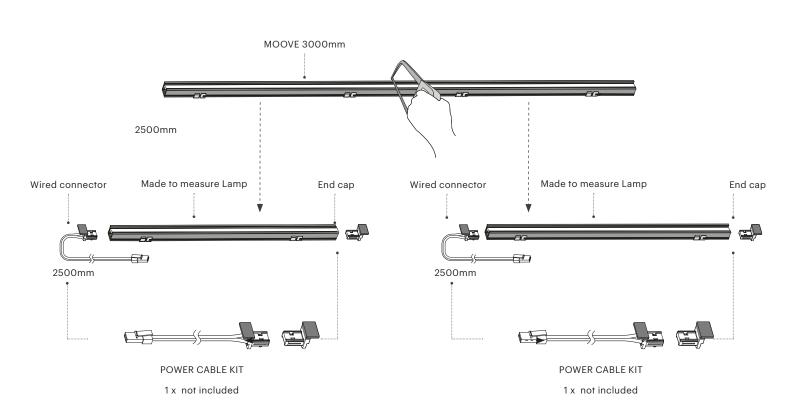


3 Rotate and re-insert the screen



4 Plug in the wired power connector

CUTTING THE LAMP TO MEASURE



SELECTION 2024 MOOVE

Moove























3000 6,5 10 * not included

MOOVE - EDC - 24V DC

DUAL COLOR - 12W/m

3 514100176

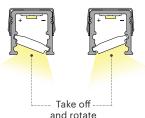
3000K÷4000K 3000mm

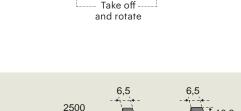


Power cable KIT not included

MOOVE - 24V DC 10W/m **3** 514100172 3000mm 3000K **3** 514100175 3000mm 4000K NW

Power cable KIT not included





1x END CAP

POWER CABLE KIT

600300008 2500mm

∌⊱ 1x POWER CABLE

KIT with wired power connector and end cap terminal: to cut the profile in two bespoke lamps, n°2 KIT must be ordered.

ACCESSORIES, POWER SUPPLY AND CONTROL

PLUG&PLAY CONNECTOR

The end cap terminal integrates the power connector with 2500mm cable, allowing easy installation/replacement of the luminaire



EMOTION JUMPER (MOOVE EDC)

940600015

The cable (sold separately) allows colour temperature variation from 3000K to 4000K.



MEC DRIVER (p.40)

Power supply system for 12-24V LED with modular connection of distribution and Smart control modules



SMART SYSTEM (p.46)

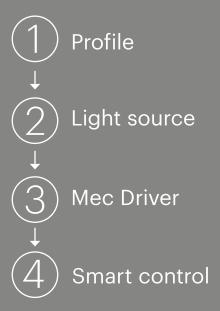
Wireless sensors and controllers for remote control of the LED lamps connected to Smart control modules





MEC Professional

Few simple steps to easily create, in total autonomy, a fully customized lamp

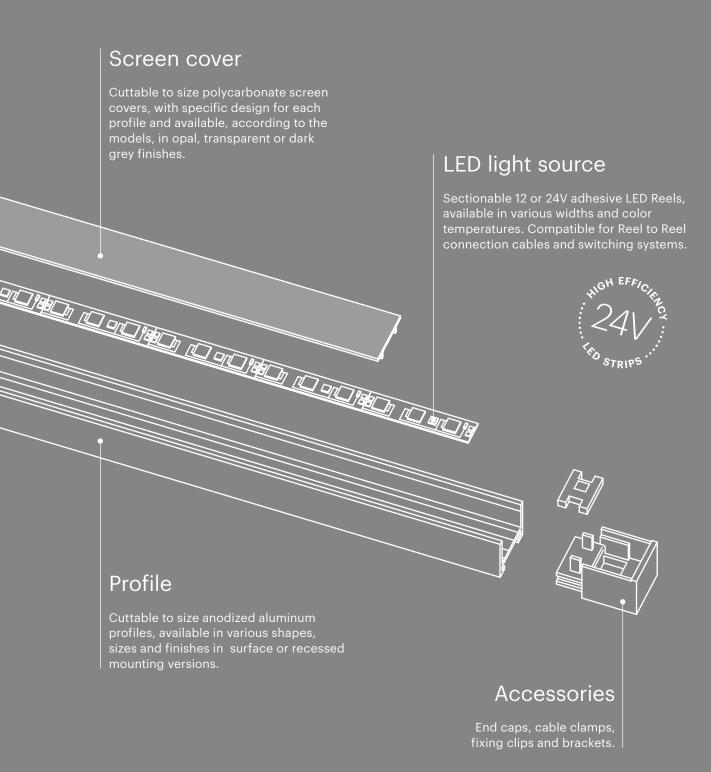


Mec Professional is the complete linear lighting system that allows to compose, in total autonomy, the most suitable lamps for your needs: easy-to-install system.

It is possible to create a completely customized luminaire by combining profiles and screens with **high efficiency LED light sources**, power supply systems and remote control accessories.

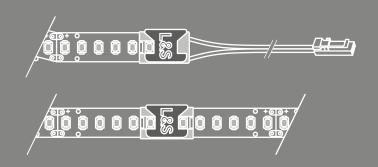
The lamps are easily electrified by means of special bridge connectors that do not require any welding operation, simplifying the work and reducing material waste.

Easy-to-install system



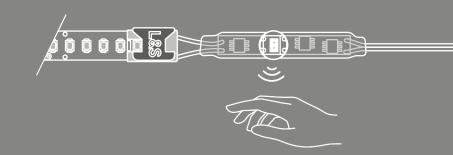
Reel to Reel connections

For power cables, extension cords and integrated switching systems: a practical and intuitive solution that simplifies lamp preparation.



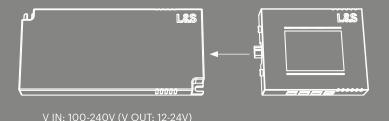
Integrated switching systems

Sensors and switches for Reel to Reel connection to LED Light Sources: to be inserted directly into the profiles to control switching, light intensity and color temperature regulation.



MEC Driver

Patented multi-voltage power supply system, certified for almost all world markets. Modular design, with the possibility of integrating various SMART distribution and control modules in a simple and intuitive way, for remote regulation of every aspect of lighting, sound and home automation.



SMART sensors and controllers

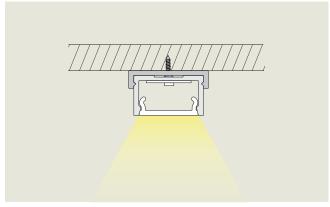
Solutions for remote control of LED lamps in combination with SMART Control Modules: wireless sensors and controllers to customize every aspect of the light, such as switching, light intensity and color temperature regulation.



BEL XT SURFACE MOUNTING



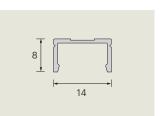
Cuttable to size oxidized aluminium profile for surface mounting, available in Aluminium or Black finish; it combines with a cuttable to size opal polycarbonate screen cover, and end caps. Installation by means of polycarbonate fixing clips or double-sided tape (not included).



ALUMINIUM PROFILE

3000 mm	Aluminium	942800040
	Black	942800041





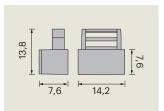
POLYCARBONATE SCREEN COVER

3000 mm	Opal	944000037
		3,7 ‡ {

POLYCARBONATE END CAPS

2x	Aluminium	600900029
	Black	600900030

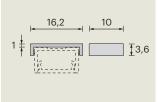




POLYCARBONATE FIXING CLIPS

2x	Aluminium	600800019
	Black	600800020





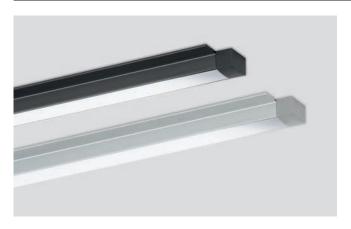
SWITCHING SYSTEMS 12-24V Integrated power cable 3000mm p.35 IRS 8 mm mono 941300006 EDC 941300007

PRECUT SCREEN COVERS FOR SWITCHING SYSTEMS		p.35
IRS	Opal	944000038

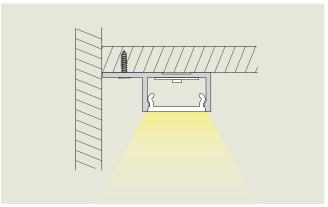
SELECTION 2024 MEC PROFESSIONAL

BEL xT-L

SURFACE MOUNTING

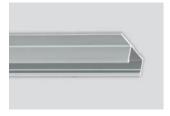


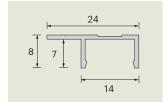
Cuttable to size oxidized aluminium profile for surface mounting, available in Aluminium or Black finish; it combines with a cuttable to size opal polycarbonate screen cover, and end caps. Installation by means of fixing screws (not included).



ALUMINIUM PROFILE

3000 mm	Aluminium	942800042
	Black	942800043





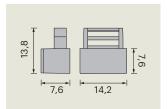
POLYCARBONATE SCREEN COVER

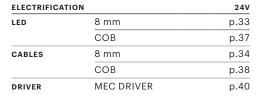
3000 mm	Opal	944000037
		3,7 \\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \

POLYCARBONATE END CAPS

2x	Aluminium	600900029
	Black	600900030







	SYSTEMS 12-24V ower cable 3000r		p.35
IRS	8 mm	mono	941300006
		EDC	0/1200007

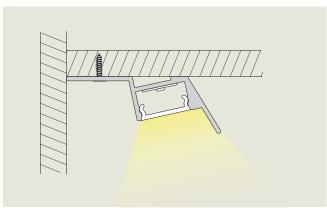
PRECUT SCREEN COVERS		
FOR SWITCHING SYSTEMS		p.35
IRS	Opal	944000038

BEL xT-L vela

SURFACE MOUNTING



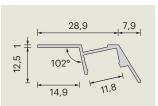
Cuttable to size oxidized aluminium profile for surface mounting with glare cover; available in Aluminium or Black finish; it combines with a cuttable to size opal polycarbonate screen cover, and end caps with cable lock. Installation by means of fixing screws (not included).



ALUMINIUM PROFILE

3000 mm	Aluminium	942800044
	Black	942800045





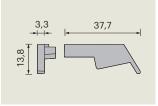
POLYCARBONATE SCREEN COVER

3000 mm	Opal	944000037
	-	3,7 \\ \frac{\int \left(\frac{\int \tancom \text{\int \tancom \tancom \text{\int \tancom \text{\int} \tancom \text{\int} \tancom \text{\int \tancom \text{\int \tancom \text{\int} \text{\int} \tancom \text{\int \tancom \text{\int} \tancom \text{\int} \text{\int} \tan

POLYCARBONATE END CAPS

2x	Aluminium	600900031
	Black	600900032





ELECTRIFICATION		24V
LED	8 mm	p.33
	СОВ	p.37
CABLES	8 mm	p.34
	СОВ	p.38
DRIVER	MEC DRIVER	p.40

	SYSTEMS 12-24V ower cable 3000r		p.35
IRS	8 mm	8 mm mono	
		EDC	0.41200007

PRECUT SCREEN COVERS FOR SWITCHING SYSTEMS		p.35
FOR SWITCHING STSTEMS		p.33
IRS	Opal	944000038

SELECTION 2024 MEC PROFESSIONAL





MEC 1



Cuttable to size oxidized aluminium profile for surface mounting, available in aluminium or painted black finish; it combines with a cuttable to size polycarbonate screen cover (opaline) and end caps with cable locking clips; installation by means of plastic fixing bracket.

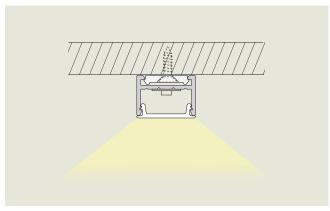
24V

p.33

p.37

p.34

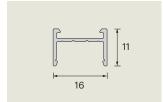
p.38 p.40



ALUMINIUM PROFILE

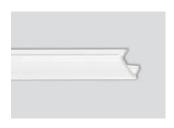
3000 mm	Aluminium	942800076 € 1	
	Black	942800001	€ 16,50

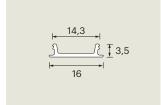




POLYCARBONATE SCREEN COVER

3000 mm Opal **944000001**

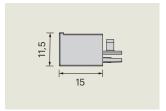




POLYCARBONATE END CAPS

2x	Aluminium	600900001
	Black	60090000





SWITCHING SYSTEMS 12-24V Integrated power cable 3000mm

8 mm

СОВ

8 mm

СОВ

MEC DRIVER

Integrated power cable 3000mm		p.35	
IRS	8 mm	mono	941300006
		EDC	941300007
PIR	8 mm	mono	941300008
тоисн	8 mm	mono	941300005

PRECUT SCREEN COVERS

ELECTRIFICATION

LED

CABLES

DRIVER

FOR SWITCHING SYSTEMS		p.35
IRS	Opal	944000004
PIR	Opal	944000006

FIXING BRACKET

1x Polycarbonate 600800001

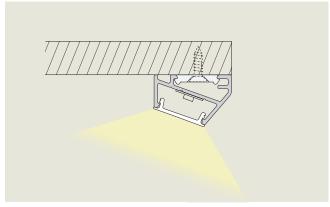




MEC 3 SURFACE MOUNTING

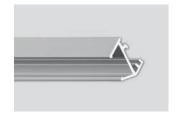


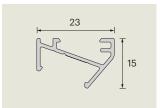
Cuttable to size oxidized aluminium profile for surface mounting, available in aluminium or painted black finish; it combines with a cuttable to size polycarbonate screen cover (opaline) and end caps with cable locking clips; installation by means of plastic fixing bracket.



ALUMINIUM PROFILE

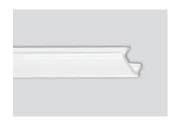
3000 mm	Aluminium	942800078
	Black	942800077

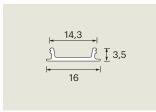




POLYCARBONATE SCREEN COVER

3000 mm	Opal	944000001
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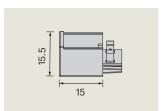




POLYCARBONATE END CAPS

2x	Aluminium	600900003
	Black	600900004





941300006 FIXING BRACKET

IRS	8 mm	mono	941300006	FIXING BRACKET		
		EDC	941300007	1x	Polycarbonate	600800001



24V

p.33

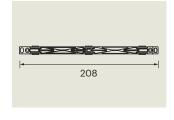
p.37

p.34

p.38

p.40

p.35



ELECTRIFICATION

SWITCHING SYSTEMS 12-24V Integrated power cable 3000mm

LED

CABLES

DRIVER

8 mm

СОВ

8 mm

СОВ

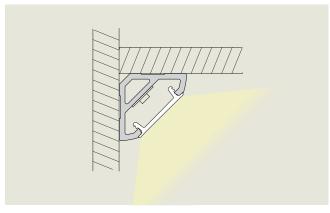
MEC DRIVER

SELECTION 2024 MEC PROFESSIONAL

MEC 5



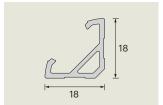
Cuttable to size oxidized aluminium profile for surface mounting, available in aluminium or painted black finish; it combines with a cuttable to size polycarbonate screen cover (opaline) and end caps with cable locking clips; installation by means of double-sided tape (not included).



ALUMINIUM PROFILE

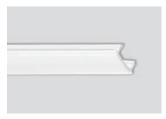
3000 mm	Aluminium	942800082
	Black	942800081

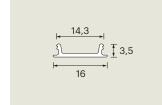




POLYCARBONATE SCREEN COVER

3000 mm	Onal	944000001

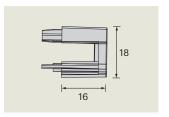




POLYCARBONATE END CAPS

2x	Aluminium	600900007
	Black	600900008





SWITCHING SYSTEMS 12-24V

Integrated power cable 3000mm		p.35	
IRS	8 mm	mono	941300006
		EDC	941300007
PIR	8 mm	mono	941300008
тоисн	8 mm	mono	941300005

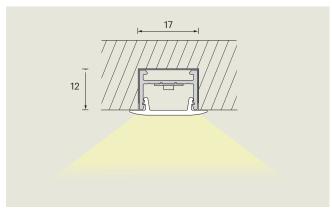
PRECUT SCREEN COVERS

FOR SWITCHING STSTEMS		p.35
IRS	Opal	944000004
PIR	Opal	944000006

MEC 2



Cuttable to size oxidized aluminium profile for recessed mounting; it combines with a cuttable to size polycarbonate screen cover (opaline); installation by means of fixing clips (plastic adhesive cable clamp included).

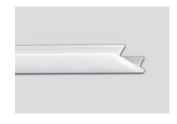


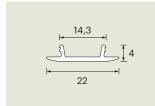
ALUMINIUM PROFILE

3000 mm	Aluminium	942800076
		11

POLYCARBONATE SCREEN COVER

3000 mm Opal	944000007
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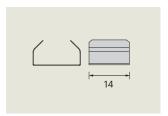


METAL FIXING CLIPS AND ADHESIVE CABLE CLAMP

3x Fixing	clips /	1x	Cable	clamp	
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600800002





ELECTRIFICATION		24V
LED	8 mm	p.33
	COB	p.37
CABLES	8 mm	p.34
	COB	p.38
DRIVER	MEC DRIVER	p.40

SWITCHING SYSTEMS 12-24V

Integrated power cable 3000mm		p.35	
IRS	8 mm	mono	941300006
		EDC	941300007
PIR	8 mm	mono	941300008
тоисн	8 mm	mono	941300005

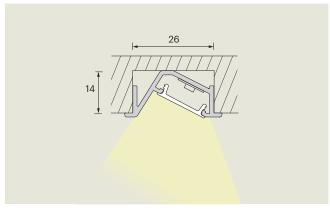
PRECUT SCREEN COVERS

FOR SWITCHING SYSTEMS		p.35
IRS	Opal	944000010
PIR	Opal	944000012

MEC 4



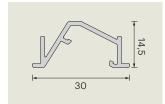
Cuttable to size oxidized aluminium profile for recessed mounting, available in aluminium or painted black finish; it combines with a cuttable to size polycarbonate screen cover (opaline) and end caps with metal fixing clips (plastic adhesive cable clamp included).



ALUMINIUM PROFILE

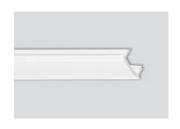
3000 mm	Aluminium	942800080
	Black	942800079

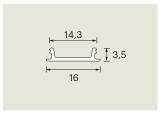




POLYCARBONATE SCREEN COVER

3000 mm	Opal	944000001
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POLYCARBONATE END CAPS WITH FIXING CLIPS AND CABLE CLAMP

2x	Aluminium	600900005
	Black	600900006



ELECTRIFICATION		24\
LED	8 mm	p.33
	СОВ	p.37
CABLES	8 mm	p.34
	СОВ	p.38
DRIVER	MEC DRIVER	p.40

SWITCHING SYSTEMS 12-24V Integrated power cable 3000mm p.35 IRS 8 mm mono 941300006 EDC 941300007 PIR 8 mm mono 941300008

mono

8 mm

тоисн

941300005

PRECUT SCREEN COVERS FOR SWITCHING SYSTEMS		p.35
IRS	Opal	944000004
PIR	Opal	944000006

LED Strips

More light output, less energy input

The new generation of 24V LED strips, integrated in all our solutions.



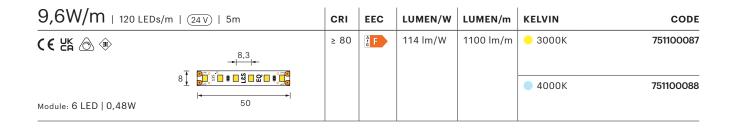
SELECTION 2024 MEC PROFESSIONAL

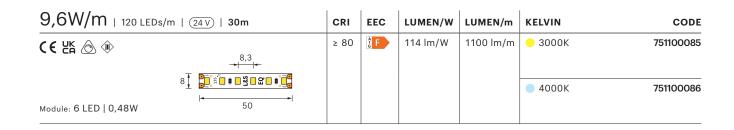
LED Reel 8mm 24V

ADHESIVE LED REEL 5000mm



CABLES 8mm	p.34
SWITCHING SYSTEMS 8mm	p.35
MEC DRIVER 24V	p.40





Cables and connectors 24V



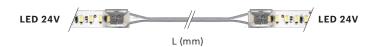
A

LED 24V	p.33
SWITCHING SYSTEMS 24V	p.35
MEC DRIVER 24V	p.40

POWER CABLE (24 V)	V	LED	L (mm)	CODE
Power cable for reel to reel connection	24V	8mm	3000mm	940600008
of LED strips to Driver.				



SOFT LINK (24 V)	v	LED	L (mm)	CODE
LED strips reel to reel connection cable	24V	8mm	50mm	940600005
			400mm	940600006
			700mm	940600007



BRIDGE (24V)	V	LED	L (mm)	CODE
Reel to reel bridge connector for LED strip segments	24V	8mm	-	750300003



SELECTION 2024 MEC PROFESSIONAL

Ø

CODE

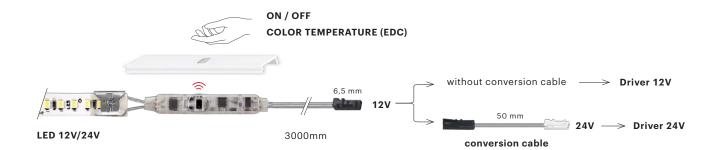
941300006

Switching systems (12V 24V)

LED 24V p.33 p.40 MEC DRIVER 12V/24V

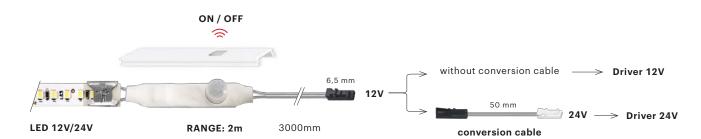
 $IRS\ SENSOR\ |\ \ \text{\tiny{$12V$}$}\ \text{\tiny{$24V$}$}\ |\ \text{max 3A: 36W-12V}\ /\ \text{72W-24V}$ LED **TYPE** 12V/24V 8mm MONO

Proximity switch for reel to reel connection to 12V and 24V LED strips (conversion cable included); complete with 3000mm power cable. Requires a specific pre-cut screen cover portion, different for each profile (codes on the profile page).



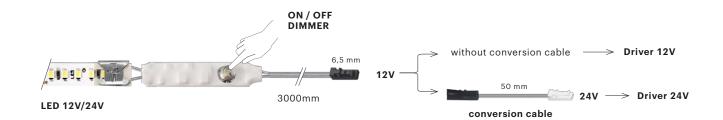
PIR SENSOR | (12V) | MAX 3A: 36W-12V / 72W-24V LED TYPE CODE 12V/24V MONO 941300008

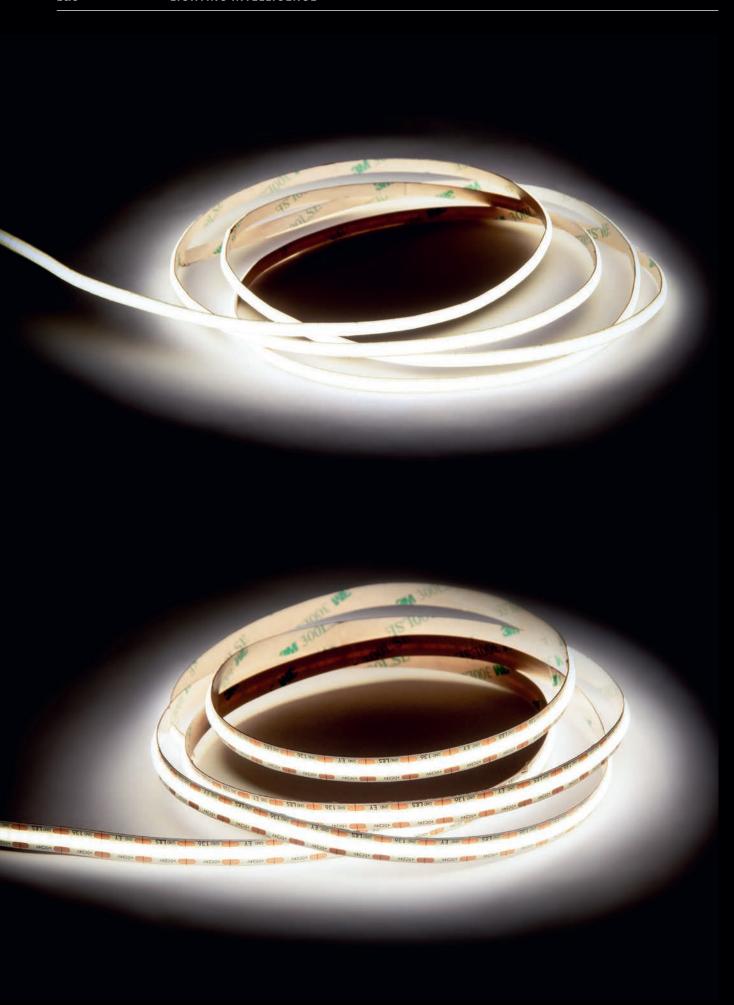
Motion sensor for reel to reel connection to 12V and 24V LED strips (conversion cable included); complete with 3000mm power cable. Requires a specific pre-cut screen cover portion, different for each profile (codes on the profile page).



TOUCH SWITCH | 12V (24V) | MAX 3A: 36W-12V / 72W-24V LED **TYPE** CODE 12V/24V MONO 941300005 8mm

Capacitive touch switch for solderless connection to 12V and 24V LED strips (conversion cable included); complete with 3000mm power cable.





LED Reel 5mm cob 24V

ADHESIVE LED REEL 5000mm Ø

CABLES COB	p.38
MEC DRIVER 24V	p.40

10W/m EU COB 24V 5m	CRI	EEC	LUMEN/W	LUMEN/m	KELVIN	CODE
C € R ⊗ ⊕	≥ 90	₫ G	100 lm/W	1000 lm/m	2700K	751100788
5 🕇 🚃					9000K	751100789
640 LEDs/m 12,5 Module: 0,125W					4000 K	751100790

10W/m EDC EV COB (24V) 5m	CRI	EEC	LUMEN/W	LUMEN/m	KELVIN	CODE
C € ĽÁ 创 🕸	≥ 90	F F	100 lm/W	1000 lm/m	EDC &	751100791
DUAL COLOR 3000K+4000K 320 + 320 LEDs/m Module: 0,25W					DUAL COLOR 3000K+4000K	

LED Reel 8mm cob 24V)

ADHESIVE LED REEL 5000mm Ø

CABLES 10mm	p.34
SWITCHING SYSTEMS 10mm	p.35
MEC DRIVER 24V	p.40

10W/m EY COB (24V) 5m		CRI	EEC	LUMEN/W	LUMEN/m	KELVIN	CODE
C € EK ③ ®		≥ 90	₫ G	100 lm/W	1000 lm/m	2700K	751100793
	8 D+DC24V					3000 K	751100794
640 LEDs/m Module: 0,125W	12,5					4000 K	751100795

10W/m EDC EZ COB 24V 5m	CRI	EEC	LUMEN/W	LUMEN/m	KELVIN	CODE
DUAL COLOR 3000K+4000K 320 + 320 LEDs/m Module: 0,25W	≥ 90	A F	100 lm/W	1000 lm/m	EDC & DUAL COLOR 3000K+4000K	751100792

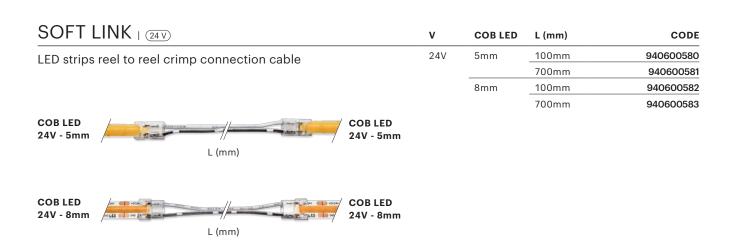
Cables and connectors COB 24V

A

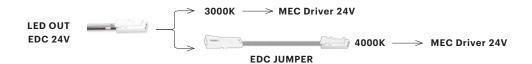
COB LED 24V	p.37
MEC DRIVER 24V	p.40

POWER CABLE (24V)	V	COB LED	L (mm)	CODE
Crimp power cable for reel to reel connection	24V	5mm	3000mm	940600578
of LED strips to Driver.		8mm	3000mm	940600579





EDC JUMPER (24V)	V	LED	L (mm)	CODE
For EDC LED strips without integrated switching only: jumper cable switches the color temperature from 3000K to 4000K.	24V	EDC	50mm	940600015



SELECTION 2024 MEC PROFESSIONAL

Cables and connectors COB (24V)



A

 COB LED 24V
 p.37

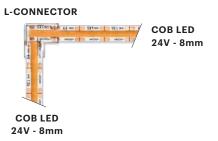
 MEC DRIVER 24V
 p.40

BRIDGE (24V)	V	COB LED	CODE
Reel to reel bridge crimp connector for LED strip segments	24V	5mm	750300176
ites to real bridge armip conficultion of EED atrip augmente		8mm	750300177





L - CONNECTOR | 24V COB LED code Reel to reel crimp "L" shaped connector for LED strip segments 24V 8mm 750300178



PLIERS

Crimping pliers for COB cables and connectors

720300003



MEC Driver system

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.

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



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.



SELECTION 2024 MEC DRIVER

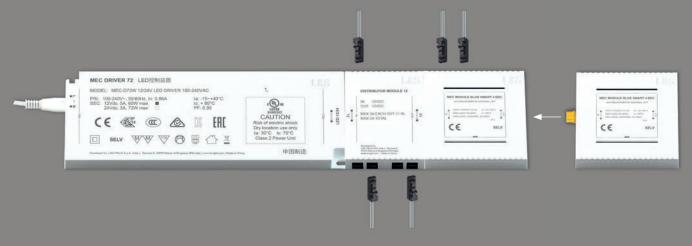
Control modules

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.



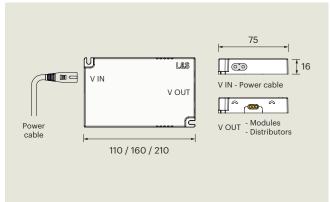
Modular design

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)

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 modules in a simple and intuitive way.

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

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



CODE		PLUG	L (mm)	V IN / OUT
12606660100	UK		2000mm	100-240V AC
12606670100	CN			
12606680100	AU	\bigcirc		
12606690100	US			
12606710100	EU	(o o)		
12606720100	KR	(O)		

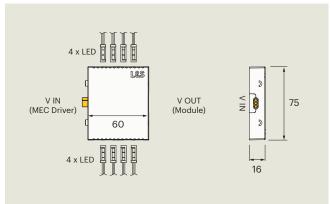
SELECTION 2024 MEC DRIVER

DISTRIBUTOR 8 WAYS MODULE

DISTRIBUTION MODULES

C€ <u>ℤ</u>





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.

CODE	LED	V IN	MAX LOAD	WAYS
24600140100		24V DC	5A Total	8
	FDC		3 A Single way	

SMART 1 8 WAYS MODULE

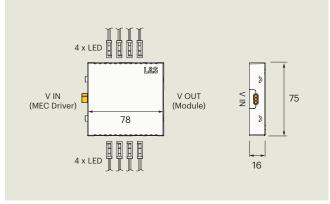






CONTROL MODULE - RADIO FREQUENCY RECEIVER ON-OFF / Dimmer / Color Temperature (EDC)

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.



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

SMART CONTROLLERS



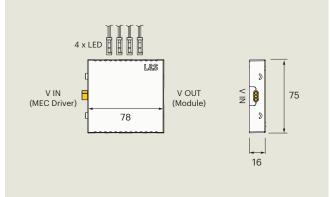
Smart Up $1 \rightarrow p.46$ Smart Up $4 \rightarrow p$. 46

SMART 4 4 WAYS MODULE

((1)) CONTROL MODULES

(€ 🗵





CONTROL MODULE - RADIO FREQUENCY RECEIVER 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.

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

SMART CONTROLLERS



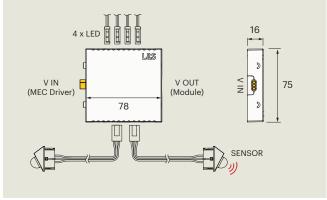
Smart Up $4 \rightarrow p$. 46

WIRED C 4 WAYS MODULE









CONTROL MODULE WITH WIRED SENSORS

ON-OFF / Dimmer

Up to 4 lamps simultaneous control; compatible with wired sensors, sold separately (p.45 - 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 500+700mm cable assembly (3000mm cable extension so separately)

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

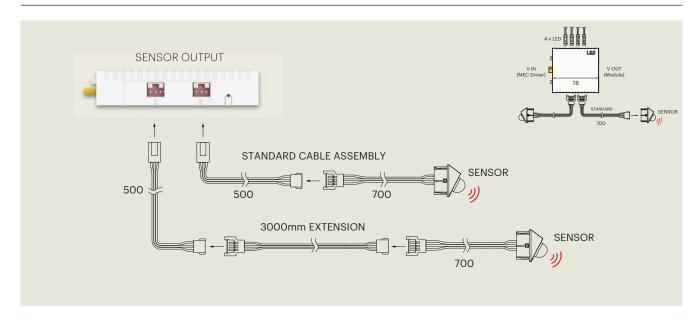
EXTRA CABLE EXTENSION	CODE
3000mm	12608841000

SELECTION 2024 MEC DRIVER

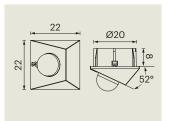
WIRED C WIRED SENSORS











PIR SENSOR

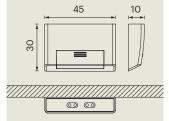
CODE

24203191000

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





IR DOOR WEDGE

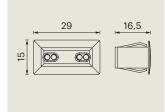
CODE

Door contact sensor for surface mounting; its 2 IR detectors on board make it ideal for two-door cabinets

Cable hole: Ø8mm

24203181000





DOUBLE IR SENSOR

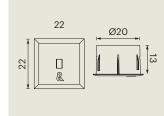
CODE

24203271000

Door contact sensor for recessed mounting; its 2 IR detectors on board make it ideal for two-door cabinets

Hole: 27x12mm





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

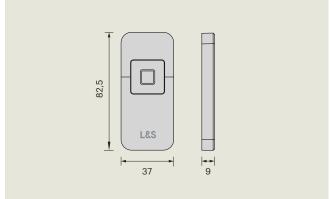
24203201000

SMART UP 1 RF TRANSMITTER

((1)) SENSORS AND CONTROLLERS

(€ 🗵





BATTERY OPERATED RADIO REMOTE CONTROL

MONO/EDC - Range: 20m (indoor)

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

CHANNELS / LED	CONTROLS	CODE
1 CHANNEL	ON-OFF / Dimmer	24203240300

Color Temp. (EDC)

COMPATIBLE SMART MODULES

BATTERY INCLUDED



MONO/EDC

Smart 1 \rightarrow p.43



CR2032 3V (3 years)

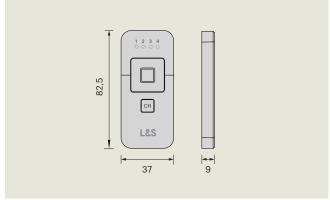
SMART UP 4 RF TRANSMITTER



SENSORS AND CONTROLLERS







BATTERY OPERATED RADIO REMOTE CONTROL

MONO/EDC - Range: 20m (indoor)

4 channel radio transmitter, with the possibility to control and store up to 4 independent channels; individual control of all the lamps connected to "Smart 4" Module or simultaneous control of all the lamps connected to "Smart 1" module (each module can paired to a specific channel of the remote). Can control up to 6 modules.

CHANNELS / LED CONTROLS CODE 4 CHANNELS ON-OFF / Dimmer 24203250300 MONO/EDC Color Temp. (EDC)

COMPATIBLE SMART MODULES

BATTERY INCLUDED



Smart $4 \rightarrow p.44$ Smart $1 \rightarrow p.43$



CR2032 3V (3 years) **SELECTION 2024 MEC DRIVER**

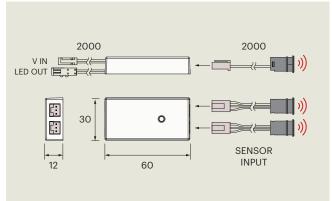
Mini IR SENSOR SWITCH











SENSOR SWITCH WITH WIRED IR SENSORS ON-OFF / Dimmer

Control unit with sockets for 2 cabled IR Sensors for recessed mounting (hole:Ø10mm). Two operating modes: door contact or contactless sensor switch (mode selection via button on the control unit).

- 24V version (MAX 3A 72W)
- Optional: housing for surface mounting

WAYS	MAX LOAD	V	SENSOR N°	CODE
1 way	3A / 72W	24V DC	1 SENSOR	2000958
			2 SENSORS	2000959





SURFACE MOUNTED HOUSING

CODE

Optional IR Sensor housing

943900004

WIRED SENSOR: MODE AND FUNCTIONS

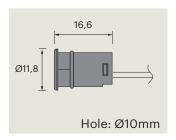
Sensor switch mode:



Door contact mode: ON/OFF (auto OFF 10 min.)







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

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