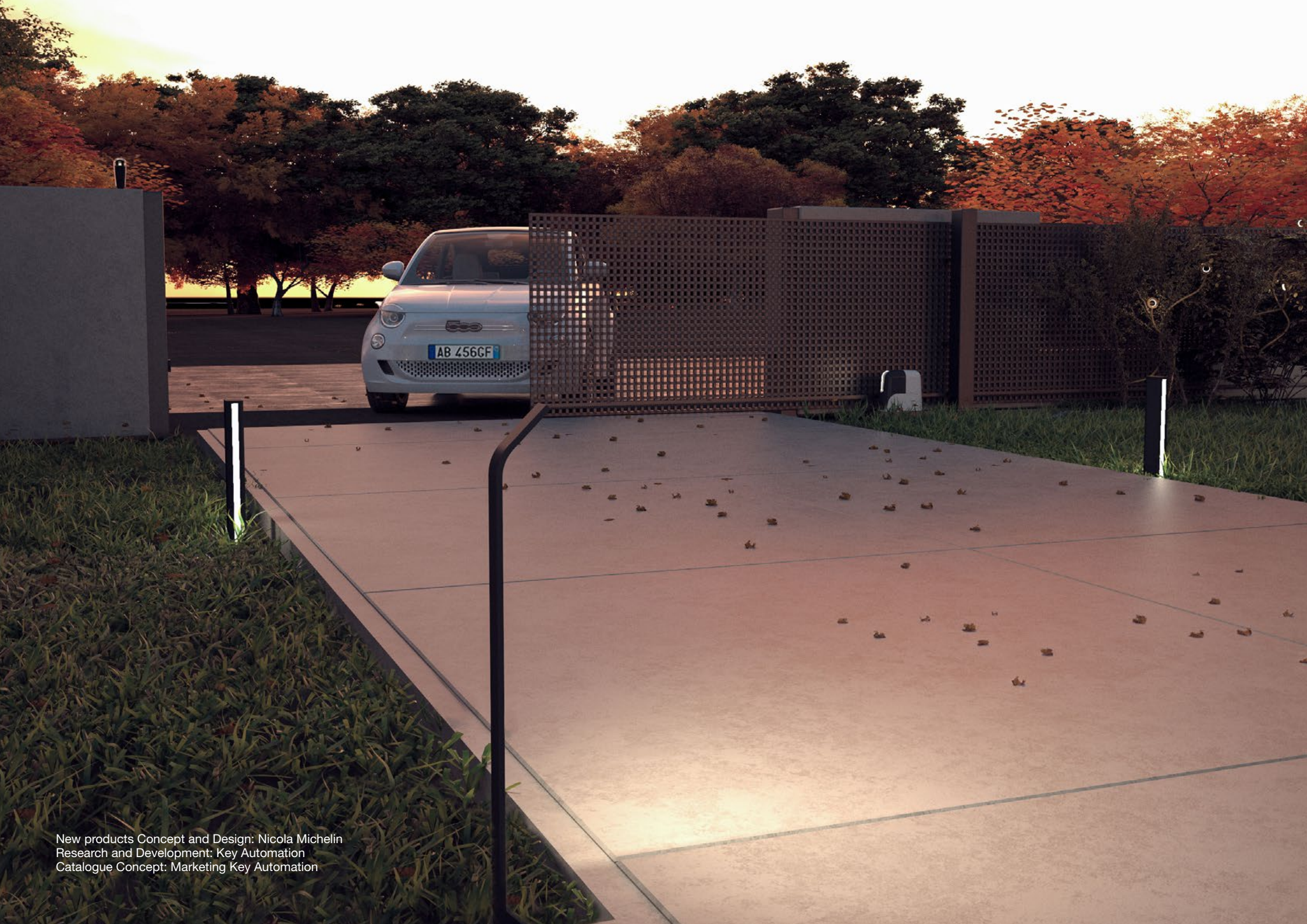




KEY
AUTOMATION

OUTDOOR 2026

www.keyautomation.com



New products Concept and Design: Nicola Michelin
Research and Development: Key Automation
Catalogue Concept: Marketing Key Automation

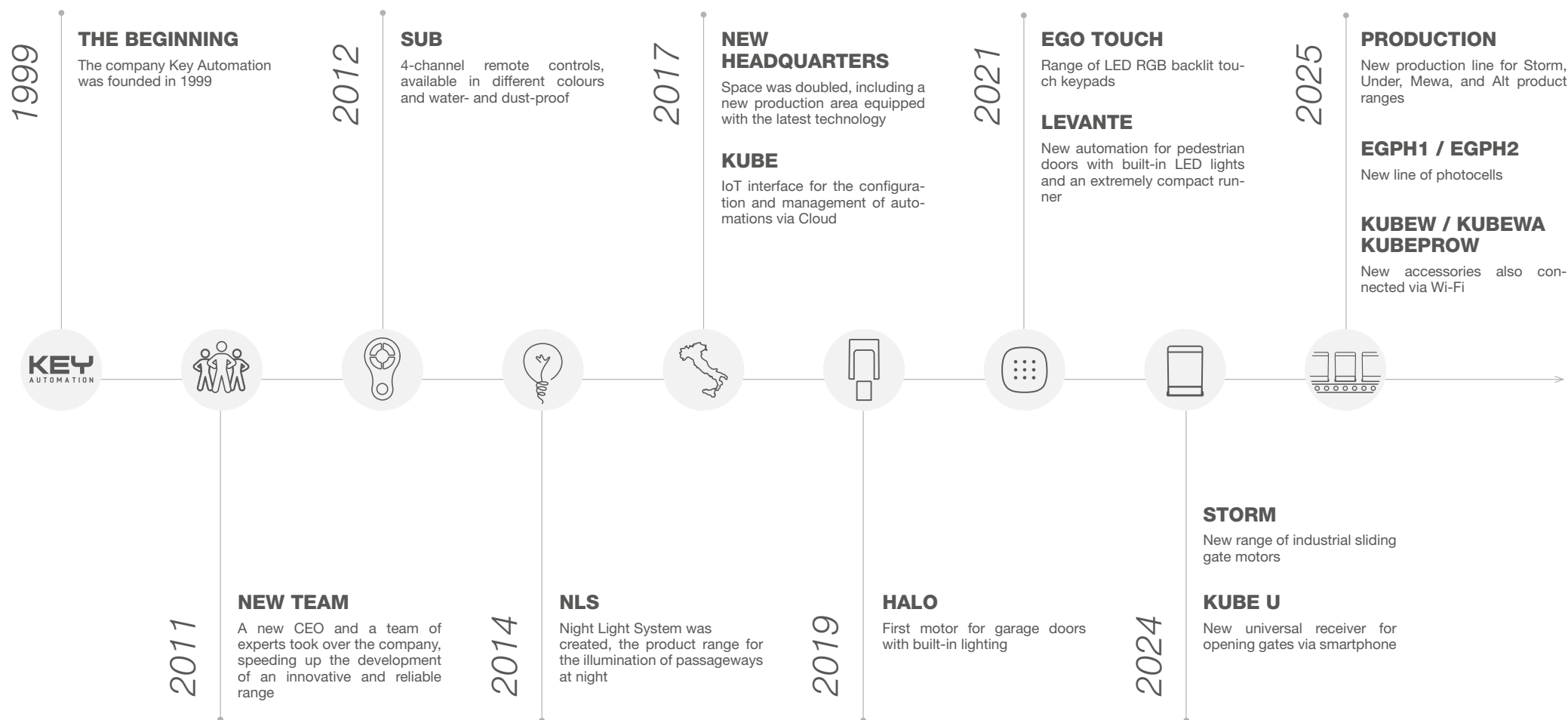


KEY OUTDOOR CATALOGUE 2026

Solutions for bioclimatic pergolas, technical coverings,
and outdoor LED lighting

01 WHO WE ARE

KEY AUTOMATION



 **MADE IN ITALY**



KEY AUTOMATION

Watch the presentation video



HISTORY

Key Automation is located in San Donà di Piave, Venice, in the heart of the Veneto region

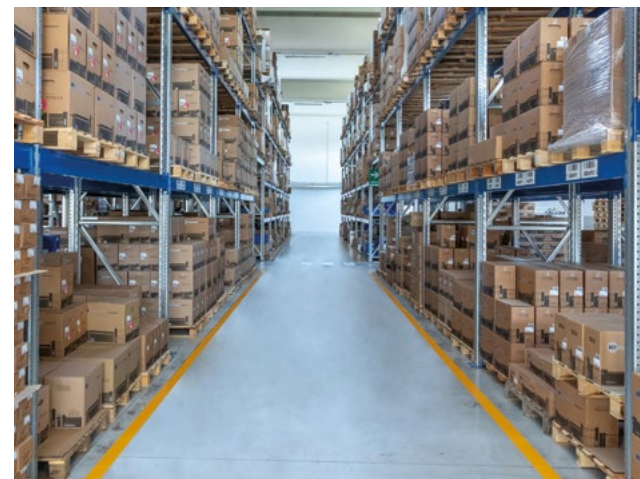
The quality of products and processes is our focus. To maintain consistency over time, we have invested in research and development, internalizing all the know-how required for product design, from mechanics to electronics, IoT software, and design

KEY TODAY

We provide a technologically advanced, comprehensive range, that is easy to program and use. We assemble our products in-house and test all production processes to provide our partner customers with an optimum service and high-quality products

In 2017 we opened the new plant, doubling the space compared to the previous site. This modern building accommodates final product assembly, using all the modern approaches pioneered by Industry 4.0

Our testing machines control 100% of in-house production, to deliver quality at the highest level





SOLUTIONS FOR BIOCLIMATIC PERGOLAS AND TECHNICAL COVERINGS

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SOLUTIONS FOR BIOCLIMATIC PERGOLAS AND TECHNICAL COVERINGS



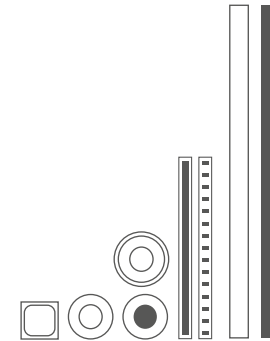
ADVANCED
FUNCTIONALITY AND
MINIMALIST DESIGN



CUTTING-EDGE
TECHNOLOGIES



PLUG-AND-PLAY
CONNECTIVITY



FULL
RANGE



Key Outdoor is the new range of outdoor automation and lighting solutions by Key Automation.

Developed to combine advanced functionality and minimalist design, this range offers weather-resistant electronic control units and lighting fixtures, ideal for creating stylish and safe outdoor environments.

Key Outdoor represents the perfect choice for those seeking versatility and high energy efficiency, featuring cutting-edge technologies and simplified installation thanks to plug-and-play connectivity, without compromising on style.

A wide selection of electronic controls, sensors, wiring, spotlights, LED strips and silicone light-bars, designed to enhance any outdoor space.



CPM

24VDC CONTROL UNIT, FOR ONE OR TWO MOTORS

 868.3 MHz

 TELEMETRY

 REMOTE ASSISTANCE

 WI-FI

 BLUETOOTH

 PowerBUS



CHARACTERISTICS

ELECTRICAL DATA

control unit power supply	Vdc	24 +/- 2%
maximum motor output, power M1 or M2	W	240 (each)
maximum power supply allowed to the control unit	W	320
maximum power M2, in LED output configuration	W	100
encoder	Vdc	12

GENERIC DATA

protection degree	IP	54
dimensions (L - D - H)	mm	225 - 70 - 75 without cable glands
		280 - 70 - 75 with cable glands
working temperature	°C	-20 + 50

PLUS

Control unit for 1 or 2 motors in 24Vdc for adjustable and/or retractable slats, with plug-in 868.3 MHz radio receiver

Max number of transmitters can be memorised: 50 (model TIP98)

Self-learning limit switches for motors with and without encoders

Inputs for wired sensors: rain, wind, temperature

Combination of temperature and rain sensors, to detect snow and frost

Rain sensor power supply: 12 Vdc 100 mA MAX

External temperature probe: NTC 10kΩ B (25/85)=3435K

Motor encoder power supply: 12 Vdc

4 wired inputs as push-buttons or home automation, for controlling motors and LEDs

Easy programming via DYL multilingual display accessory module

PowerBUS technology for managing pergolas with 4 motors, with the option of synchronising alarms and wired controls in the event of multiple control units, connected to the same bus

Smartphone control of automation and lights

Additional features included:

- Telemetry
- Remote assistance
- Firmware upload
- BLE and Wi-Fi

ACCESSORIES



CPEL
Lights additional extension card (fr CPM)

PCS. 1



KUBEPROW
Wireless programming module BLE/Wi-Fi

PCS. 1



KUBEWA
Module for automation control via smartphone using BLE/Wi-Fi with external antenna ready

PCS. 1



DYL
Programming module
Cable length 120 cm

PCS. 1

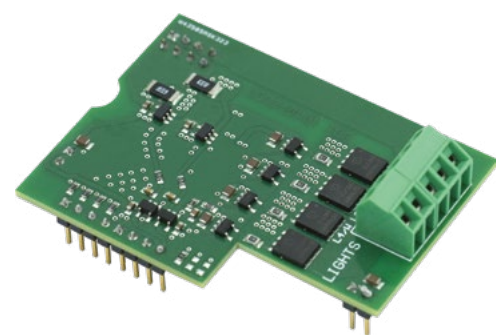


RX868P
868 MHz radio receiver with frequency modulation. Antenna clamp included. Without plastic casing.

PCS. 1

CPEL

LIGHTS ADDITIONAL EXTENSION CARD (FOR CPM)



PLUS

Plug-in extension board for controlling up to 4 x 24 Vdc light outputs

Output configuration: independent, synchronised, combined, single colour RGB or dynamic white

With PWM control for light intensity adjustment

Overload and short-circuit protection

Possible combinations:
4 x single colour
2 x dynamic white
1 x RGB + single colour

CHARACTERISTICS

ELECTRICAL DATA

maximum power per output	W	54
maximum power for paired outputs	W	108 (each)

GENERIC DATA

working temperature	°C	-20 + 50
---------------------	----	----------

CPL

24VDC CONTROL UNIT FOR LIGHTS

 868.3 MHz

 TELEMETRY

 REMOTE ASSISTANCE

 WI-FI

 BLUETOOTH

 PowerBUS



CHARACTERISTICS

ELECTRICAL DATA

control unit power supply	Vdc	24 +/- 2%	
maximum power supply allowed to the control unit	W	320	
maximum power of individual outputs	W	1 x 320	— 6 x 54

GENERIC DATA

protection degree	IP	54	
dimensions (L - D - H)	mm	225 - 70 - 70 without cable glands	
		280 - 70 - 75 with cable glands	
working temperature	°C	-20 + 50	

PLUS

Control unit (with optional plug-in radio receiver 868.3 MHz) for controlling 24 V LEDs: single-colours, RGB or dynamic white.

Maximum power supply allowed to the control unit: 320 W.

Up to 6 outputs configurable as: independent (6 x 1), RGB (2 x 3), dynamic white (3 x 2), RGB+W (1 x 3 + 3 x 1)

Dynamic white on two wires technology

Soft switching on and off of lights (fade)

Automatic memorisation of the light level set for each output (light memory function)

6 auxiliary inputs for wired control of lights

Operating temperature: -20 +50 °C

Max number of transmitters can be memorised: 50 (model TIP98)

Possibility to activate automatic RGB colour cycle

PowerBUS technology for MASTER and SLAVE synchronisation

Easy programming via DYL multilingual display accessory module

Overload and short-circuit protection

Smartphone control of automation and lights

Additional features included:

- Telemetry
- Remote assistance
- Firmware upload
- BLE and Wi-Fi

ACCESSORIES



KUBEPROW
Wireless programming module BLE/Wi-Fi

PCS. 1



KUBEWA
Module for automation control via smartphone using BLE/Wi-Fi with external antenna ready

PCS. 1



DYL
Programming module
Cable length 120 cm

PCS. 1



RX868P
868 MHz radio receiver with frequency modulation. Antenna clamp included. Without plastic casing.

PCS. 1

TIP98

9-CHANNELS TOUCH REMOTE CONTROL



CHARACTERISTICS

CODE	FREQUENCY	GROUPS	BATTERY	IP
TIP98	868,3 MHz FSK	9	Battery CR2450	40

AVAILABLE COLOURS



PLUS

9 transmitters in 1, ideal for controlling blades and lights on pergolas and outdoor motorized roofs

868.3 MHz transmitter

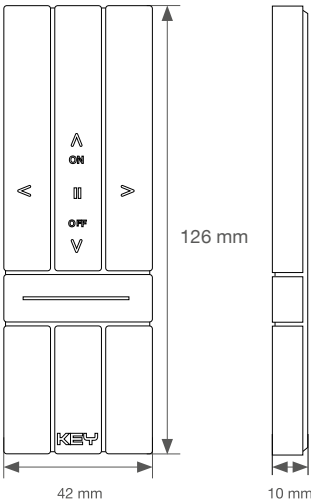
6 touch buttons, one of them as slider

Slim and minimalist design

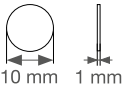
Magnetic wall mounting support

DIMENSIONS

REMOTE CONTROL



SUPPORT



SENSORS



TMP

Temperature detection sensor

Wired connection

Operating temperature: -50 °C / +105 °C

Dimensions: 150x Ø 5 mm

RAINP

Rain detection sensor

Sensitivity levels 4 (default: MAX sensitivity)

Operating temperature: -20 °C / +70 °C

Dimensions: 117 x 60 x 22 mm

Protection degree: IP 44

Heated surface

WND4P

Wind detection sensor

Wired connection: 4 pulse/turn

Operating temperature: -20 °C / +70 °C

Dimensions: 134 x 95 x 31 mm

Protection degree: IP 44



DRIVER

FROM 75 UP TO 320 W 24VDC



PLUS

- Constant voltage power supply

Protection against adverse weather conditions

Suitable for outdoor use thanks to fanless design and IP67 protection
- Metal case

Class II insulation

UL certified

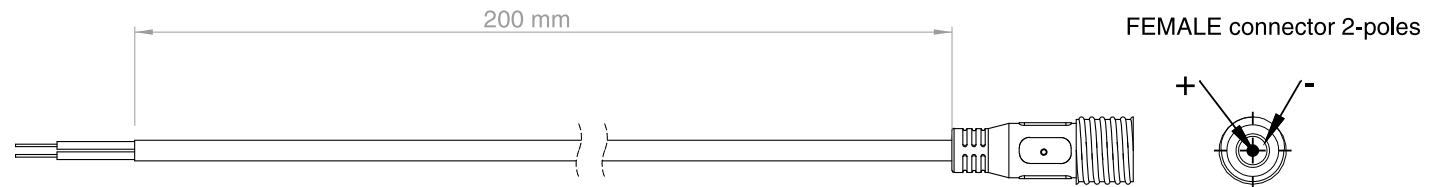
CHARACTERISTICS

CODE		DRV075	DRV100	DRV150	DRV200	DRV240	DRV320
Output voltage	Vdc	24	24	24	24	24	24
Nominal Input Voltage	Vac	100 - 305	100 - 305	100 - 305	100 - 305	90 - 305	90 - 305
Max Output Power	W	75	100	150	200	240	320
IP Rating	IP	67	67	67	67	67	67
Dimensions	mm	140 - 63 - 32	140 - 63 - 32	180 - 63 - 35.5	199 - 63 - 35.5	244.2 - 68 - 38.8	252 - 90 - 43.8

WIRING

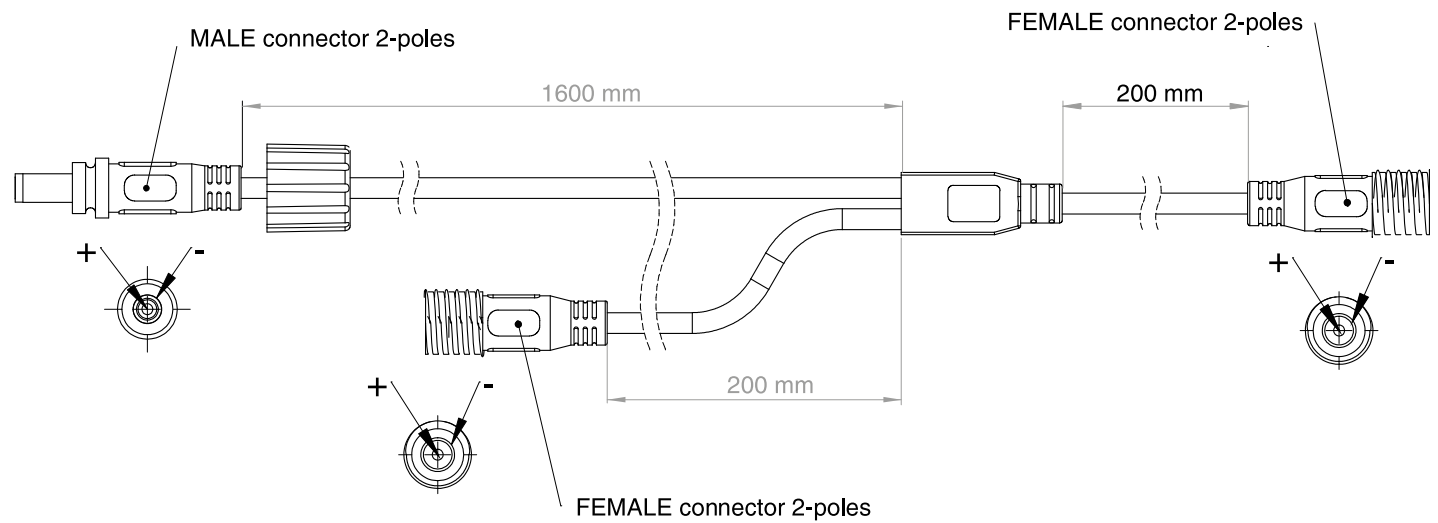
550CABL102A00

JACK-F cable 200 mm



550CABL107A00

JACK-M "T" cable 1600 mm,
JACK-F 200 mm, JACK-F 200 mm



WIRING

550CABL103A00

JACK-M/F extension cable, 1500 mm

550CABL104A00

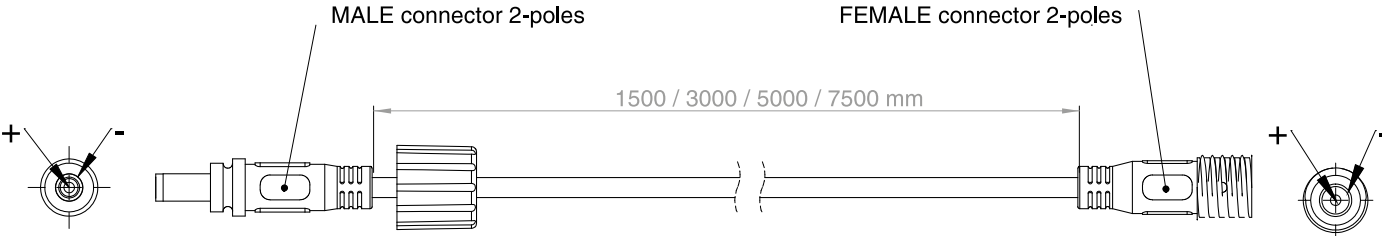
JACK-M/F extension cable, 3000 mm

550CABL105A00

JACK-M/F extension cable, 5000 mm

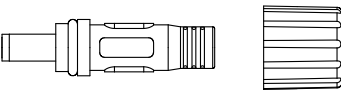
550CABL106A00

JACK-M/F extension cable, 7500 mm

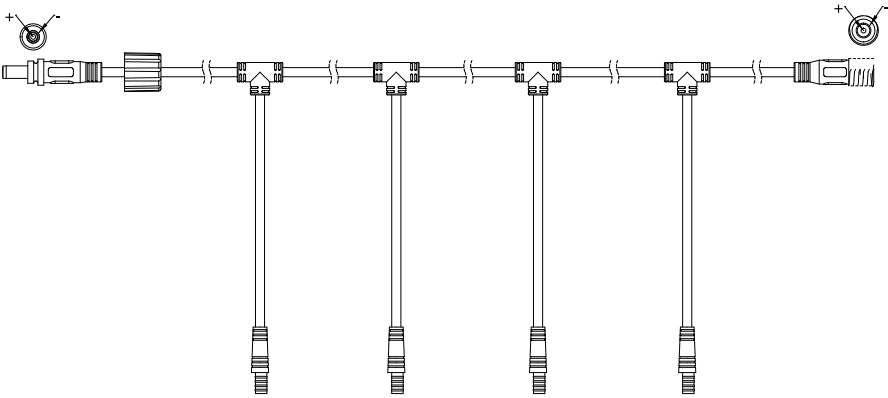
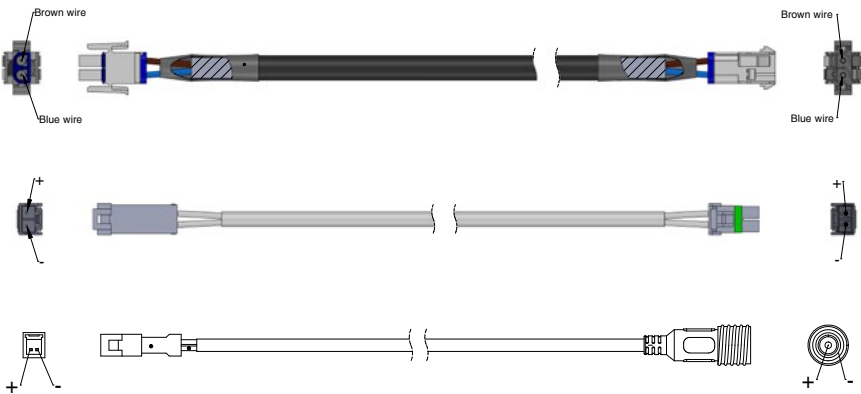


550CABL111A00

End-of-line cap



EXAMPLES OF CUSTOM WIRING





PLUS

- Transparent optics to blend seamlessly with the support material

Transparent PMMA front panel, resistant to UV rays

Unique square-shaped line in the industry

Technologically advanced weather-resistant materials
- Elegant and minimalist design
Plug-and-play connection, light dimming functionality

Tunable white version with two wires

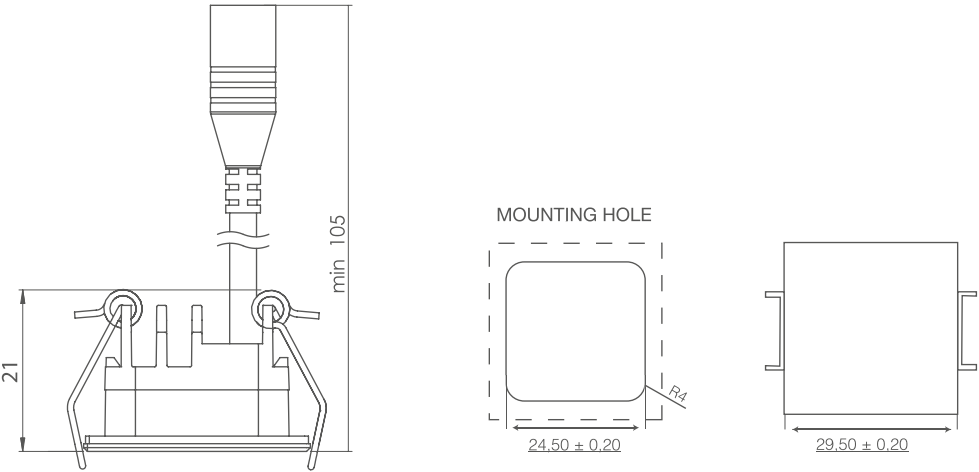
Dynamic White adjustable via transmitter (with CPL control unit)

CHARACTERISTICS

CODE	DESCRIPTION	SUPPLY	CRI	CCT	LUMINOUS FLUX	IP RATE	BEAM ANGLE	PEAK POWER
ICO10330	Fixed light	24 Vdc	CRI >90	3000 K	200 lm*	IP65	> 90°	2W
ICO10340	Fixed light	24 Vdc	CRI >90	4000 K	200 lm*	IP65	> 90°	2W
ICO103TU	Tunable	24 Vdc	CRI >90	3000-4000 K	200 lm*	IP65	> 90°	2W

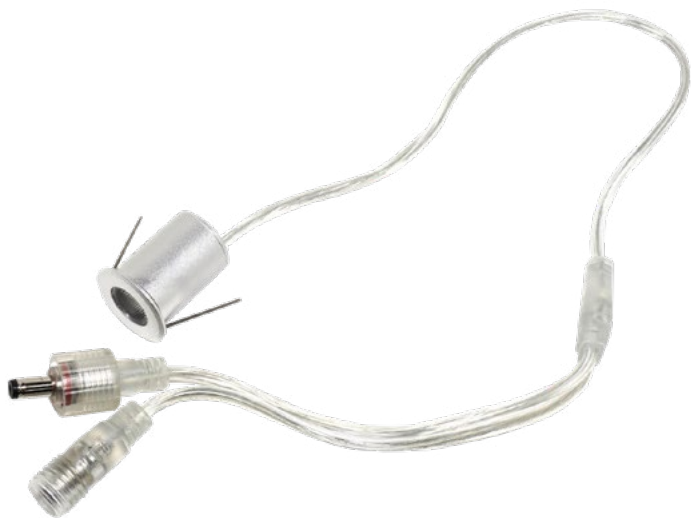
* the data refers to the LED performance

DIMENSIONS



SPARK 01

RECESSED LED SPOTLIGHT FOR OUTDOOR IP54



CHARACTERISTICS

CODE	DESCRIPTION	SUPPLY	CRI	CCT	LUMINOUS FLUX	IP RATE	BEAM ANGLE	PEAK POWER
SPR0130	Warm light	24 Vdc	CRI >90	3000 K	200 lm	IP54	30°	3W
SPR0140	Natural light*	24 Vdc	CRI >90	4000 K	200 lm	IP54	30°	3W

* only available on request.

PLUS

Technologically advanced materials, weather-resistant

Compact and small-sized design

Compatible with PWM dimming, allowing for light intensity modulation as needed

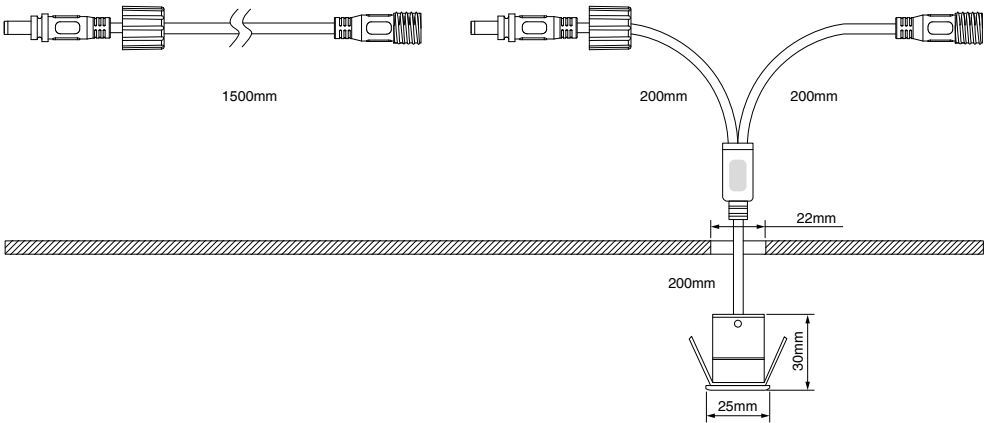
Use of high-quality LED chips

Suitable for outdoor and indoor applications

IP plug-and-play connection

T-cable with in & out IP connectors included

DIMENSIONS



SPARK 02

RECESSED LED SPOTLIGHT FOR OUTDOOR IP54



CHARACTERISTICS

CODE	DESCRIPTION	SUPPLY	CRI	CCT	LUMINOUS FLUX	IP RATE	BEAM ANGLE	PEAK POWER
SPR0230	Warm light	24 Vdc	CRI >90	3000 K	320 lm	IP54	30°	4W
SPR0240	Natural light*	24 Vdc	CRI >90	4000 K	320 lm	IP54	30°	4W

* only available on request.

PLUS

Technologically advanced materials, weather-resistant

Compact and small-sized design

Compatible with PWM dimming, allowing for light intensity modulation as needed

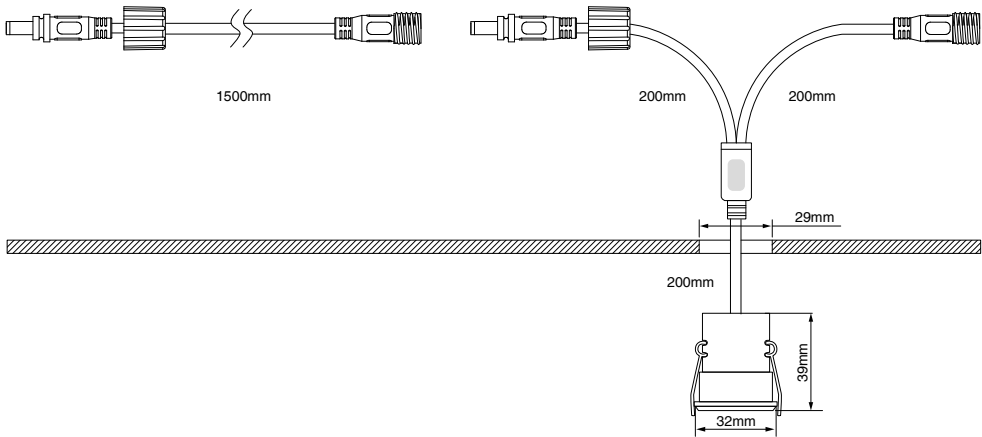
Use of high-quality LED chips

Suitable for outdoor and indoor applications

IP plug-and-play connection

T-cable with in & out IP connectors included

DIMENSIONS



SPARK 03

RECESSED LED SPOTLIGHT FOR OUTDOOR IP54



CHARACTERISTICS

CODE	DESCRIPTION	SUPPLY	CRI	CCT	LUMINOUS FLUX	IP RATE	BEAM ANGLE	PEAK POWER
SPR0330	Warm light	24 Vdc	CRI >90	3000 K	290 lm	IP54	25°	4W
SPR0340	Natural light*	24 Vdc	CRI >90	4000 K	290 lm	IP54	25°	4W

* only available on request.

PLUS

Technologically advanced materials, weather-resistant

Compact and small-sized design

Compatible with PWM dimming, allowing for light intensity modulation as needed

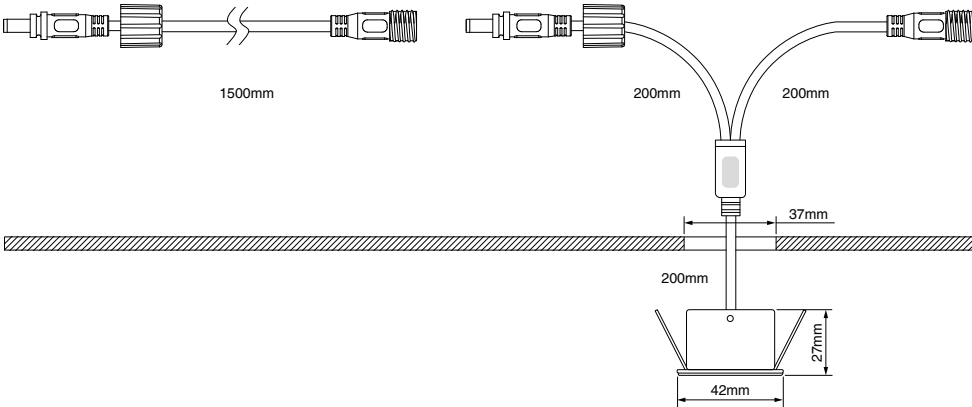
Use of high-quality LED chips

Suitable for outdoor and indoor applications

IP plug-and-play connection

T-cable with in & out IP connectors included

DIMENSIONS



SPARK 04

RECESSED LED SPOTLIGHT FOR OUTDOOR IP54



CHARACTERISTICS

CODE	DESCRIPTION	SUPPLY	CRI	CCT	LUMINOUS FLUX	IP RATE	BEAM ANGLE	PEAK POWER
SPR0430	Warm light	24 Vdc	CRI >90	3000 K	280 lm	IP54	30°	4W
SPR0440	Natural light*	24 Vdc	CRI >90	4000 K	280 lm	IP54	30°	4W

* only available on request.

PLUS

Technologically advanced materials, weather-resistant

Compact and small-sized design

Compatible with PWM dimming, allowing for light intensity modulation as needed

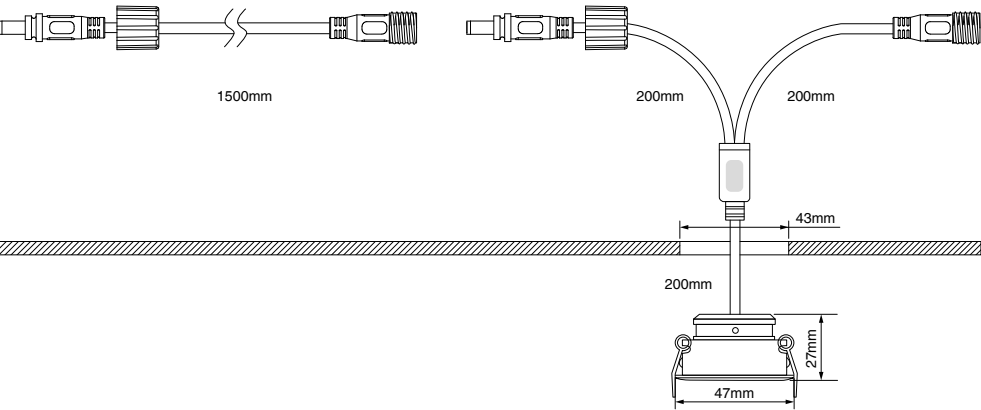
Use of high-quality LED chips

Suitable for outdoor and indoor applications

IP plug-and-play connection

T-cable with in & out IP connectors included

DIMENSIONS





FLEX

SILICON EXTRUDED LED PROFILE WITH ALUMINIUM HOUSING



CHARACTERISTICS

Ideal models for illuminating facades, fences, and front walls without glare (decorative use)

CODE	DESCRIPTION	SUPPLY	LENGTH	PEAK POWER
FLX45D	Anodized black aluminum profile / dark silicone LED	24 Vdc	455 mm	5 W/m
FLX45W	Aluminum profile / white silicone LED	24 Vdc	455 mm	5 W/m
FLX120D	Anodized black aluminum profile / dark silicone LED	24 Vdc	1.205 mm	5 W/m
FLX120W	Aluminum profile / white silicone LED	24 Vdc	1.205 mm	5 W/m

Ideal model for lighting carports, garages, and fixed-roof structures (primary lighting use)

CODE	DESCRIPTION	SUPPLY	LENGTH	PEAK POWER
FLX200W	Aluminum profile / white silicone LED	24 Vdc	2.000 mm	8 W/m

PLUS

Original design with silicone LEDs on an aluminum profile

Fastenings and cable exit out of sights

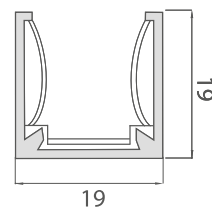
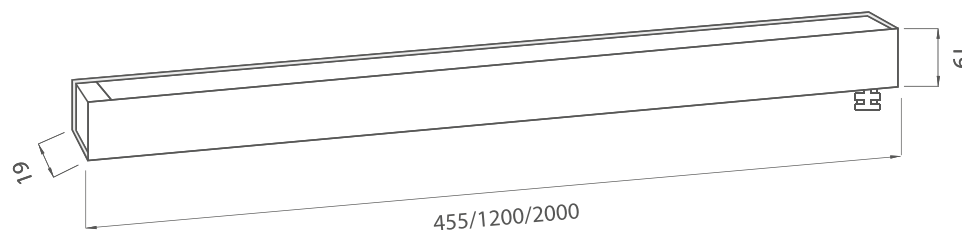
Available in two color finishes: aluminum or black

PWM dimmable

Technologically advanced materials, weather-resistant and UV-resistant

Custom sizes available upon request

DIMENSIONS



PIPE WH

WHITE COB STRIP LED IP65



Technologically advanced materials, weather-resistant and UV-resistant

COB technology

Uniform and uninterrupted light (no dots)

Easy installation thanks to high-quality TESA double-sided adhesive

Great versatility for customized installations, even in small spaces

IP plug-and-play connection

length up to 7 metres, powering it from a single side

PWM dimmable

CHARACTERISTICS

CODE	DESCRIPTION	LENGHT	SUPPLY	CCT	LUMINOUS FLUX	IP RATE	PEAK POWER
PIP05WHK	Warm light	5 m	24 Vdc	3000 K*	688 lm/m	IP65	8 W/m
PIP07WHK	Warm light	7 m	24 Vdc	3000 K*	688 lm/m	IP65	8 W/m

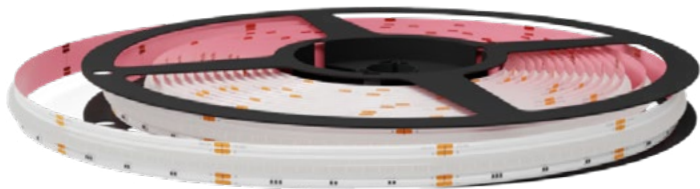
* other color temperatures (CCT) available upon request

TECHNICAL DATA REEL

DESCRIPTION	TECHNICAL DATA	
Total length of the reel	m	5/7
LED per meter	led/m	504
PCB width	mm	8
Cutting pitch	mm	41,66
UL certified		yes
Double-sided adhesive		TESA

PIPE RGB

RGB COB STRIP LED IP65



PLUS

- RGB Colors
- Technologically advanced materials, weather-resistant
- COB technology
- Uniform and Bright Lighting
- Easy installation thanks to high-quality TESA double-sided adhesive
- IP plug-and-play connection
- PWM dimmable

CHARACTERISTICS

CODE	DESCRIPTION	LENGHT	SUPPLY	LUMINOUS FLUX	IP RATE	PEAK POWER
PIP05RGB	RGB light	5 m	24 Vdc	420 lm/m	IP65	14 W/m (total)
PIP07RGB	RGB light	7 m	24 Vdc	420 lm/m	IP65	14 W/m (total)

TECHNICAL DATA REEL

DESCRIPTION	TECHNICAL DATA	
Total length of the reel	m	5/7
LED per meter	led/m	576
PCB width	mm	10
Cutting pitch	mm	62,5
UL certified	yes	
Double-sided adhesive	TESA	

PIPE TW

TUNABLE WHITE STRIP LED IP65



PLUS

- Technologically advanced materials, weather-resistant

High luminous efficiency with low energy consumption

Customization of color temperature range available upon request
- Easy installation thanks to high-quality TESA double-sided adhesive

IP plug-and-play connection

PWM dimmable

CHARACTERISTICS

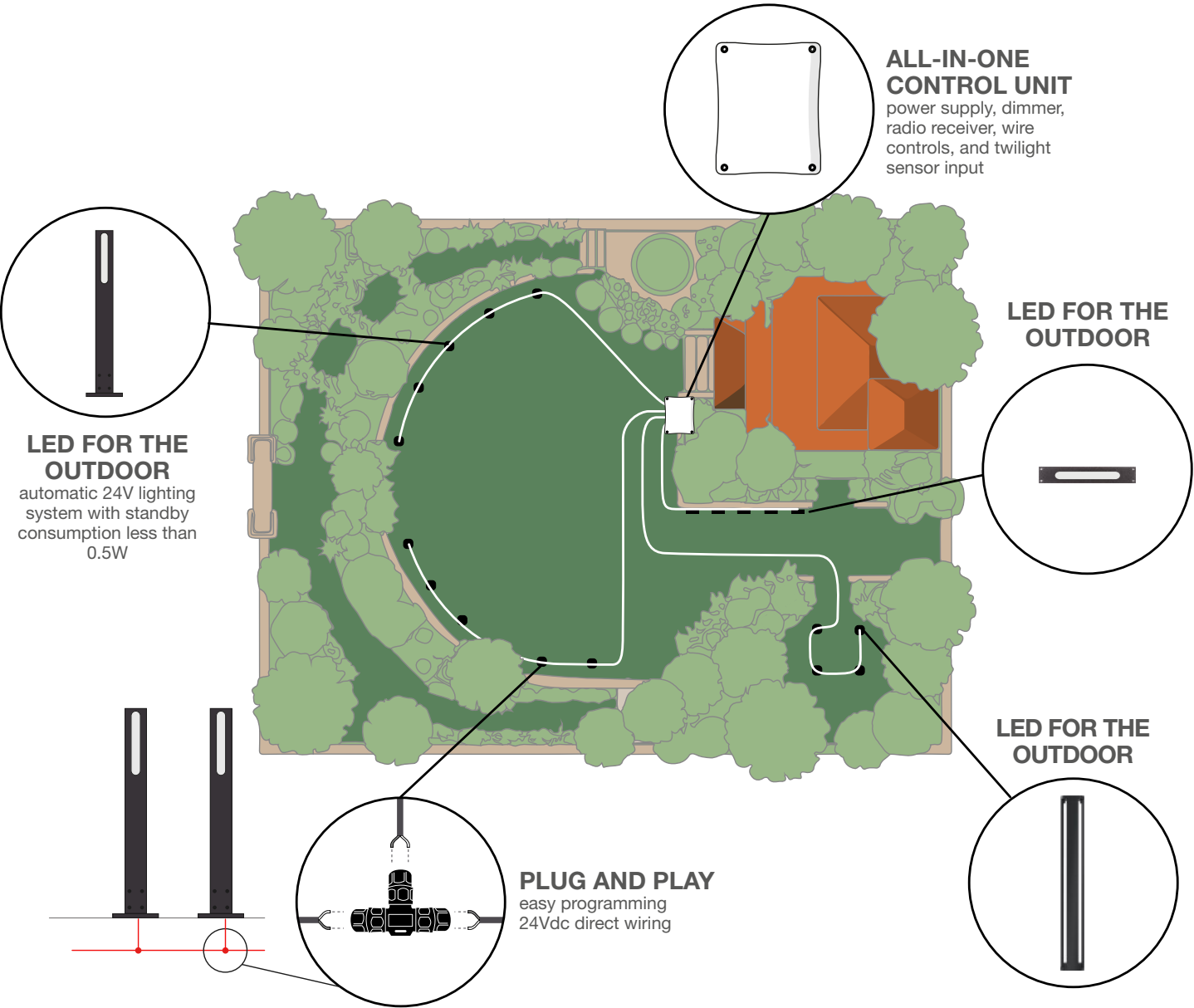
CODE	DESCRIPTION	LENGHT	SUPPLY	CCT	LUMINOUS FLUX	IP RATE	PEAK POWER
PIP05TW	Dimmable	5 m	24 Vdc	2700-6000K*	1650 lm/m	IP65	18 W/m (total)
PIP07TW	Dimmable	7 m	24 Vdc	2700-6000K*	1650 lm/m	IP65	18 W/m (total)

TECHNICAL DATA REEL

DESCRIPTION	TECHNICAL DATA	
Total length of the reel	m	5/7
LED per meter	led/m	240
PCB width	mm	10
Cutting pitch	mm	50
UL certified	yes	
Double-sided adhesive	TESA	

KEY GARDEN

THE 24V SOLUTION TO ILLUMINATE THE EXTERIOR OF YOUR HOME



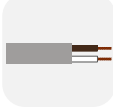
Extra low-voltage **24Vdc** safe wiring



Adjust light brightness with **remote control**



With automatic on/off through **night sensor**



Manage up to 4 **independent zones**

HOW YOU DO IT?

Select your kit and add your lights



KBOXLED
4 independent outputs to control up to 8 lights each output 32 lights total**

KBOXLEDXL
4 independent outputs to control up to 16 lights each output 64 lights total**

** 1 light = 1 strip from 18 leds

KEY GARDEN

THE NEW PRODUCT LINE KEY GARDEN HAS BEEN CONCEIVED TO ILLUMINATE RESIDENTIAL AND INDUSTRIAL AREAS IN A SIMPLE, SAFE AND ECONOMIC WAY



MODELS

CODE	DESCRIPTION
TONDA	Inset light for installations in gardens, hotels and residential areas
STIK S	Garden lights with height 40 cm, two models, with front light or back light
STIK M	Garden lights with height 75 cm with front light
FLAT	Step lights, or for garage doors and pergolas
VERTICAL	Lights for pedestrian or vehicular premises, to be installed on top of the fence
TOWER	Lights with double led strip, suitable for parking lots and public areas
STELLA	Led lights to light up large areas
EGO	Support posts with integrated LED light available with height 50 cm and 100 cm

PLUS

By connecting the night sensor Quadro or the flash light Eclipse the garden lights will switch on automatically at sunset and they will automatically switch off at sunrise. The garden lights installation is simple and intuitive, and it is also suitable for the DIY

It is possible to control the lights also via radio with a remote control. In addition the light intensity is dimmable at night to the desired level, or to set different thresholds for automatic activation of lights

To install the garden lights simply connect only two 24V wires to the control board 14A, or to the board BOXLED, to obtain an automatic light system independent from the gate automation

The energy consumption of each light is 50 mA for the models STIK, FLAT and VERTICAL, 100mA for TOWER, 150mA for TONDA and 200mA for STELLA

CONFIGURATION

To ease the configuration of the lighting system, we have created a special application. To calculate the total power needed to connect all the lights it's even easier and more immediate.

SCAN THE QR CODE TO FIND OUT MORE



BOXLED / BOXLED XL

KIT FOR 24Vdc LED LIGHTS CONTROL



MODELS

CODE	DESCRIPTION
KBOXLED	Key Automation 24Vdc LED lights control kit, up to 32 lights, with power supply cable
KBOXLEDXL	Kit XL for the control of Key Automation 24Vdc led lights, up to 64 lights

ADD THE LED GARDEN LIGHT OF YOUR CHOICE! (not included)

PLUS

Conceived for the automatic control of LED lights, to illuminate the area around the gate entry, frames and driveways

Output for night sensor QUADRO

Built-in receiver 433 MHz, up to 30 stored codes

Status led

Programming with buttons or via display DYL

Power supply 90-260 Vac

KBOXLED: 4 independent outputs to control up to 8 lights each (32 lights total)

KBOXLEDXL: 4 independent outputs to control up to 16 lights each (64 lights total)

DESCRIPTION

1 LIGHT = 1 STRIP OF 15 CM	
1 STIK S DOWN/STIK S UP/ STIK M/FLAT/VERTICAL	1 LIGHT
1 TOWER	2 LIGHTS
1 TONDA *	3 LIGHTS
1 STELLA	4 LIGHTS

* NOT compatible with 14A control unit for gates

For more information on the connection and the possible combinations of lights see the manual available on the website www.keyautomation.com

TECHNICAL DATA

		KBOXLED	KBOXLEDXL
ELECTRICAL DATA			
power supply	Vac	90 ~ 260 50-60 Hz	90 ~ 260 50-60 Hz
max power	W	25	100
power in stand-by mode	W	<0,5	<0,5
maximum output load	24Vdc	eight 18-led lights for each of the 4 outputs / thirty-two 18-led lights for 1 output	sixteen 18-led lights for each of the 4 outputs / thirty-two 18-led lights for 2 outputs (CH1-CH4)
		25W max	Ch1=20W (max 40W) Ch2=20W Ch3=20W Ch4= 20W (max 40W) 80W max
GENERIC DATA			
protection degree	IP	54	54
dimensions (L - D - H)	mm	160 - 90 - 200	222 - 110 - 275
operating temperature	°C	-20 + 55	-20 + 55
max. number of transmitters storage		30 transmitters	30 transmitters
up to		32 lights	64 lights
night sensor optional		yes	yes
transmitter		yes	yes
dimmmable		yes	yes
multiple zones		4 zones	4 zones

KIT COMPONENTS

				
	BOXLED	QUADRO	KPLAY4R	POWER SUPPLY CABLE
KBOXLED	• BOXLED	•	•	•
KBOXLEDXL	• BOXLEDXL	•	•	

ACCESSORIES

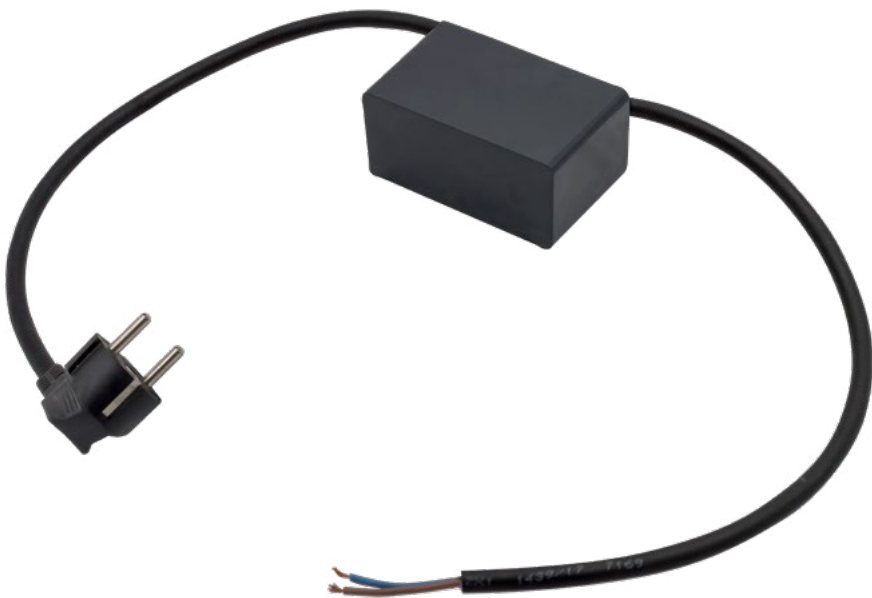
			
QUADRO Night sensor	DYL Display module Cable length 120 cm	RX2H 2-channel miniaturized receiver	TX2B Recessed transmitter
PC 1	PC 1	PC 1	PC 1
			
SUB44WR 4 channels, rolling code, white colour	KPLAY4R Pair of transmitters 4 channels, rolling code	CAB50 2x1,5mm cable in 50 m reel, black	CON2 2-way connector, IP68
PC 1	PC 1	PC 1	PC 1
			
CON3 3-way connector, IP68	STI7 Stake for fixing cables		
PC 1	PCS 50		

TECHNICAL DATA

	KBOXLED	KBOXLEDXL
Power supply	230 V	230 V
Output	4 - 24 Vdc	4 - 24 Vdc
Max. connectable lamps	32 lights of 18 led	64 lights of 18 led
Night sensor optional	yes	yes
Multiple zones	4	4
Timing	yes	yes
Buttons	4	4
Transmitter	yes (max 30)	yes (max 30)

BOXLED XS2

POWER SUPPLY FOR LED LIGHTS CONTROL, 24 Vdc, IP66



MODELS

CODE	DESCRIPTION
BOXLEDXS2	Power supply for the control of Key Automation 24Vdc LED light, up to 20 lights, with power supply cable

ADD THE LED GARDEN LIGHT OF YOUR CHOICE! (not included)

PLUS

Ideal for converting existing 230 V systems to 24 V LED technology
For the automatic control of LED lights, to illuminate the area around the gate entry, frames and driveways

Power supply 220-240 Vac
IP 66
1 independent output to control up to 20 lights total

DESCRIPTION

1 LIGHT = 1 STRIP OF 15 CM	
1 STIK S DOWN/STIK S UP/ STIK M/FLAT/VERTICAL	1 LIGHT
1 TOWER	2 LIGHTS
1 TONDA *	3 LIGHTS
1 STELLA	4 LIGHTS

* NOT compatible with 14A control unit for gates

For more information on the connection and the possible combinations of lights see the manual available on the website www.keyautomation.com

TECHNICAL DATA

BOXLEDXS2		
ELECTRICAL DATA		
power supply	Vac	90 ~ 264 50/60 Hz
max power	W	46
power in stand-by mode	W	<0,35 (no load)
maximum output load	24Vdc	Twenty 18-led lights
GENERIC DATA		
protection degree	IP	68
dimensions (L - D - H)	mm	104 - 62 - 52
operating temperature	°C	-20 + 55
max. number of transmitters storage		-
up to		20 lights
night sensor optional		no
transmitter		no
dimnable		no
multiple zones		no

KIT COMPONENTS



**POWER
SUPPLY CABLE**

BOXLEDXS2

•

ACCESSORIES



CAB50
2x1,5mm cable in
50 m reel, black

PC 1



CON2
2-way connector,
IP68

PC 1



CON3
3-way connector,
IP68

PC 1



STI7
Stake for fixing cables

PCS 50

TECHNICAL DATA

BOXLEDXS2	
Power supply	264/90 V - 50/60 Hz
Output	1 - 24 Vdc
Max. connectable lamps	20 lights of 18 led
Night sensor optional	no
Multiple zones	1
Timing	no
Buttons	no
Transmitter	no



TONDA

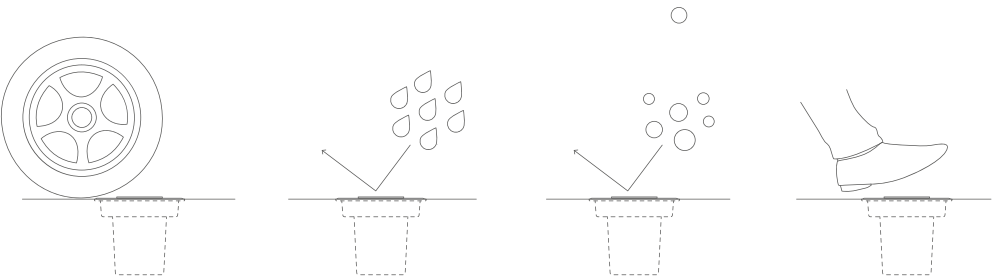
INSET LED LIGHT



PLUS

Inset light for installations in gardens, hotels and residential areas, completely waterproof and insulated

In stainless steel and plastic



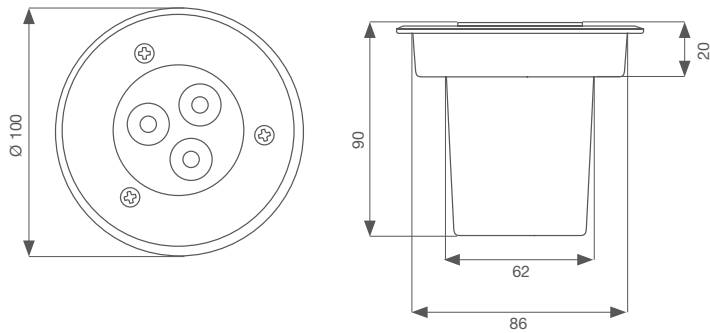
MODELS

CODE	DESCRIPTION	WEIGHT
TN103W	Inset LED light (not compatible with 14A control unit and not dimmable)	0,4 Kg

TECHNICAL DATA

11-26 Vdc	CRI 80	3000 K	240lm*	IP67	3W
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DIMENSIONS



AVAILABLE COLOURS



STEEL
304

STIK S DOWN

LED GARDEN LIGHTS



MODELS

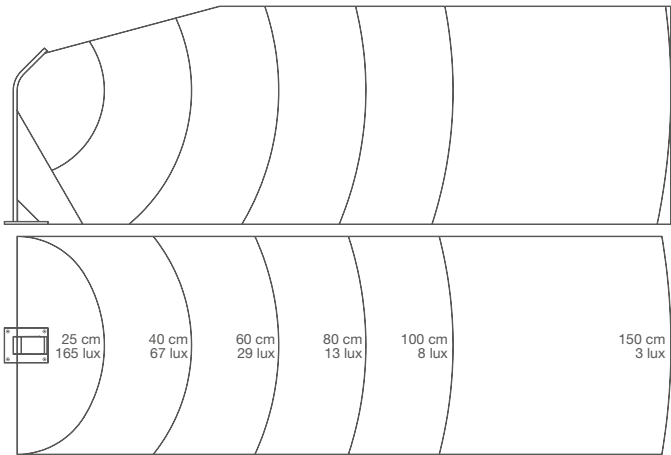
CODE	DESCRIPTION	WEIGHT
STIKDW	Led garden light, version DOWN, color WHITE RAL 9010. H= 404 mm	0,83 Kg
STIKDC	Led garden light, version DOWN, color CORTEN. H= 404 mm	0,9 Kg
STIKDD	Led garden light, version DOWN, color GREY RAL 7016. H= 404 mm	0,9 Kg

TECHNICAL DATA

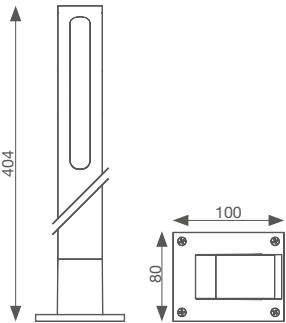
24-35 Vdc	CRI>90	3000K	132lm	IP54	2W
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PHOTOMETRIC

Garden lights with height 40 cm with front light Replaceable led
Completely made of aluminium



DIMENSIONS



AVAILABLE COLOURS

WHITE RAL9010	CORTEN	GREY RAL7016
------------------	--------	-----------------

STIK S UP

LED GARDEN LIGHTS



MODELS

CODE	DESCRIPTION	WEIGHT
STIKUW	Led garden light, version UP, color WHITE RAL 9010. H= 404 mm	0,9 Kg
STIKUC	Led garden light, version UP, color CORTEN. H= 404 mm	0,9 Kg
STIKUD	Led garden light, version UP, color GREY RAL 7016. H= 404 mm	0,9 Kg

TECHNICAL DATA

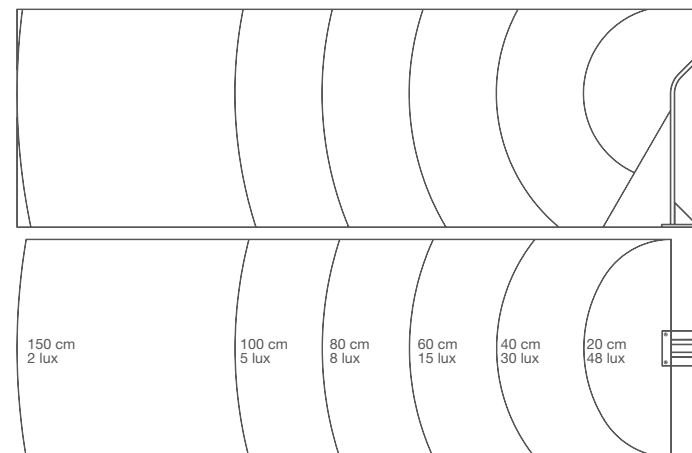
24-35 Vdc	CRI>90	3000K	132lm	IP54	2W
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PHOTOMETRIC

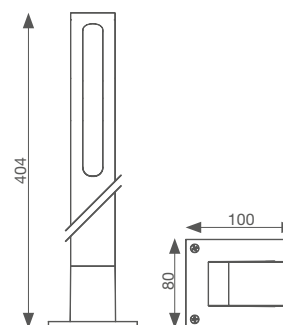
Garden lights with height 40 cm with back light

Replaceable led

Completely made of aluminium



DIMENSIONS



AVAILABLE COLOURS

WHITE RAL9010	CORTEN	GREY RAL7016
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STIK M

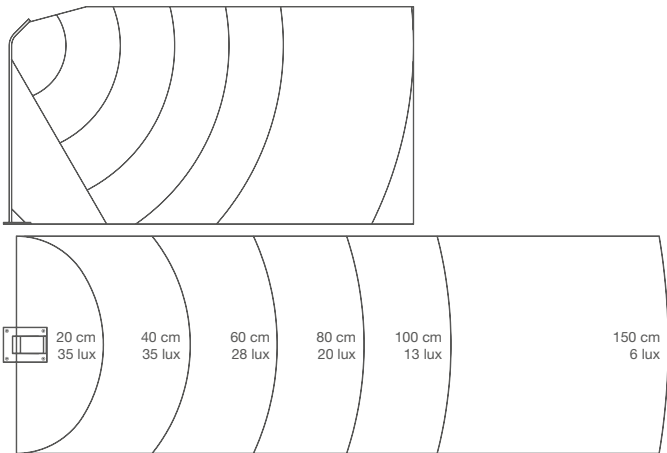
LED GARDEN LIGHTS



PHOTOMETRIC

Garden lights with height 75 cm with front light

Completely made of aluminium
Replaceable led



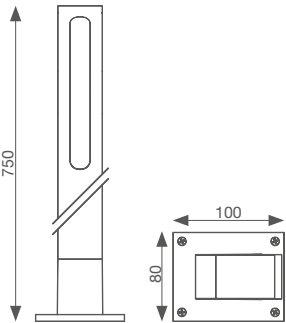
MODELS

CODE	DESCRIPTION	WEIGHT
STIKMW	Led garden light, color WHITE RAL 9010. H= 750 mm	1,6 Kg
STIKMC	Led garden light, color CORTEN. H= 750 mm	1,6 Kg
STIKMD	Led garden light, color GREY RAL 7016. H= 750 mm	1,51 Kg

TECHNICAL DATA

24-35 Vdc	CRI>90	3000K	132lm	IP54	2W
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DIMENSIONS



AVAILABLE COLOURS

WHITE RAL9010	CORTEN	GREY RAL7016
------------------	--------	-----------------

FLAT

LED GARDEN LIGHTS



MODELS

CODE	DESCRIPTION	WEIGHT
STIKFW	Led garden light, color WHITE RAL 9010. H= 240 mm	0,8 Kg
STIKFC	Led garden light, color CORTEN. H= 240 mm	0,29 Kg
STIKFD	Led garden light, color GREY RAL 7016. H= 240 mm	0,28 Kg

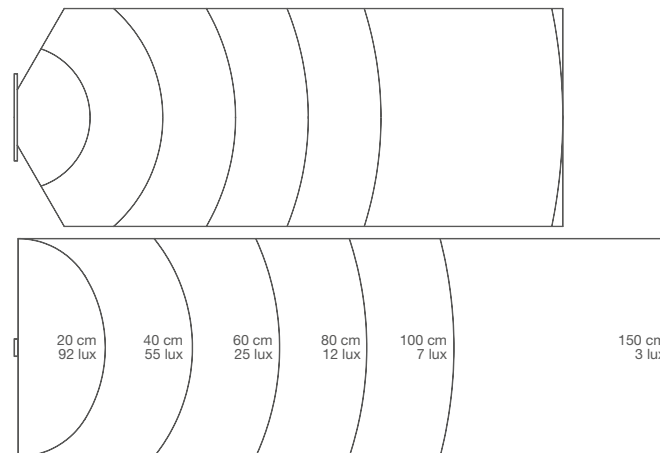
TECHNICAL DATA

24-35 Vdc	CRI>90	3000K	132lm	IP54	2W
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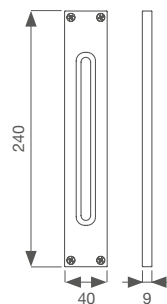
PHOTOMETRIC

Step lights, or for garage doors and pergolas

Completely made of aluminium



DIMENSIONS



AVAILABLE COLOURS

WHITE RAL9010	CORTEN	GREY RAL7016
------------------	--------	-----------------

VERTICAL

LED GARDEN LIGHTS



MODELS

CODE	DESCRIPTION	WEIGHT
STIKVW	Led garden light, color WHITE RAL 9010. H= 246 mm	0,66 Kg
STIKVC	Led garden light, color CORTEN. H= 246 mm	0,66 Kg
STIKVD	Led garden light, color GREY RAL 7016. H= 246 mm	0,67 Kg

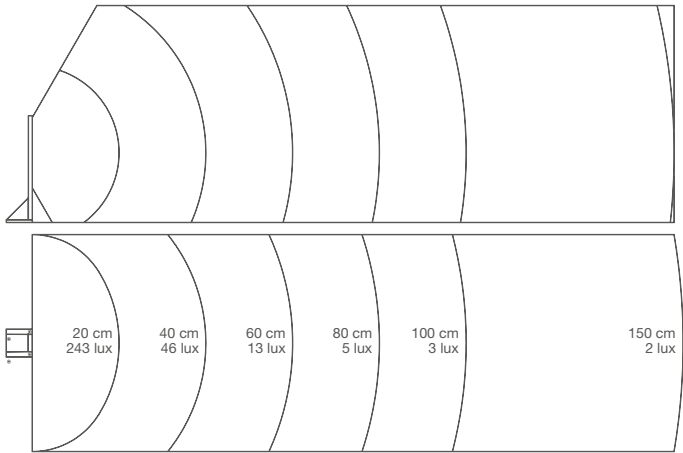
TECHNICAL DATA

24-35 Vdc	CRI>90	3000K	132lm	IP54	2W
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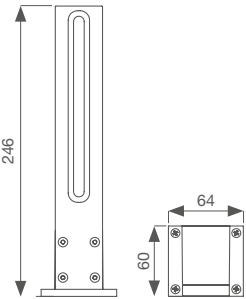
PHOTOMETRIC

Lights for pedestrian or vehicular premises, to be installed on top of the fence

Completely made of aluminium
Replaceable led



DIMENSIONS

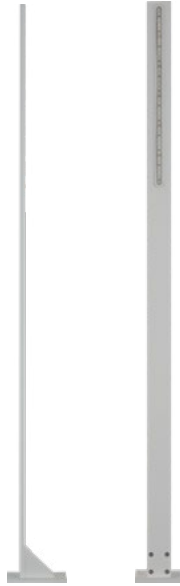


AVAILABLE COLOURS

WHITE RAL9010	CORTEN	GREY RAL7016
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TOWER

LED GARDEN LIGHTS



MODELS

CODE	DESCRIPTION	WEIGHT
STIKTW	Led garden lights, color WHITE RAL 9010. H= 986 mm	1,68 Kg
STIKTC	Led garden lights, color CORTEN H= 986 mm	1,4 Kg
STIKTD	Led garden lights, color GREY RAL 7016. H= 986 mm	1,6 Kg

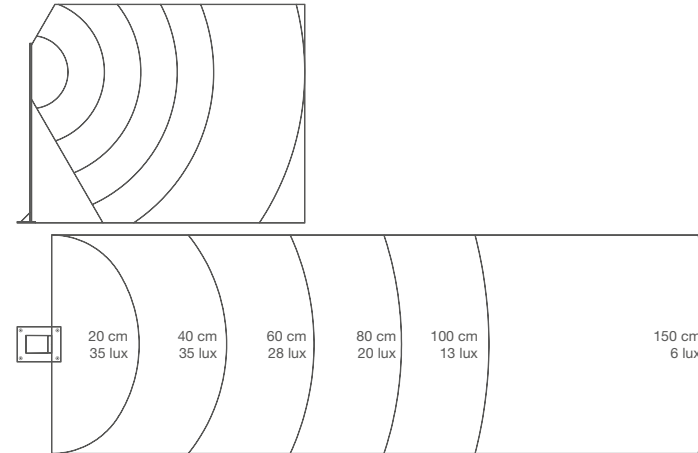
TECHNICAL DATA

24-35 Vdc	CRI>90	3000K	264lm	IP54	4W
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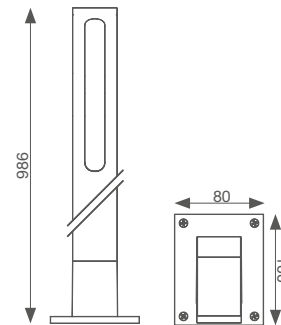
PHOTOMETRIC

Lights with double led strip, suitable for parking lots and public areas

Completely made of aluminium
Replaceable led



DIMENSIONS



AVAILABLE COLOURS

WHITE RAL9010	CORTEN	GREY RAL7016
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STELLA

LED GARDEN LIGHTS



MODELS

CODE	DESCRIPTION	WEIGHT
ST60	Led garden lights, color GREY RAL 7016. H= 600 mm	3,2 Kg
ST100	Led garden lights, color GREY RAL 7016. H= 986 mm	4,8 Kg

TECHNICAL DATA

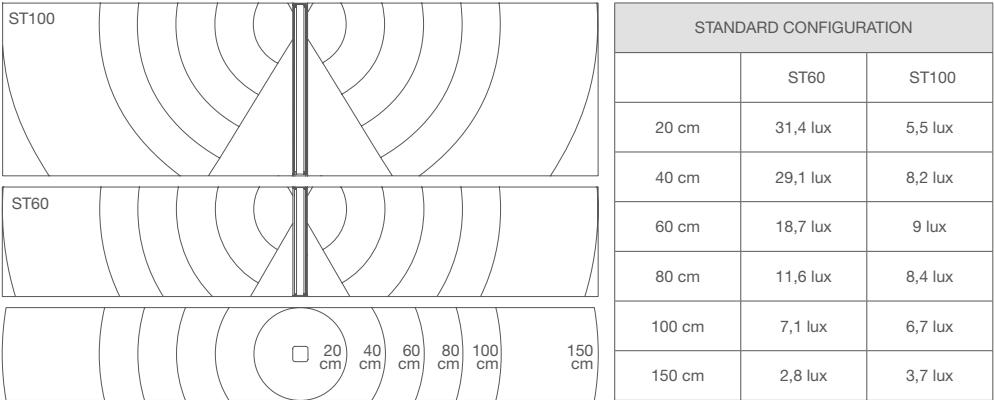
24-35 Vdc	CRI>90	3000K	264lm	IP54	8W
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PHOTOMETRIC

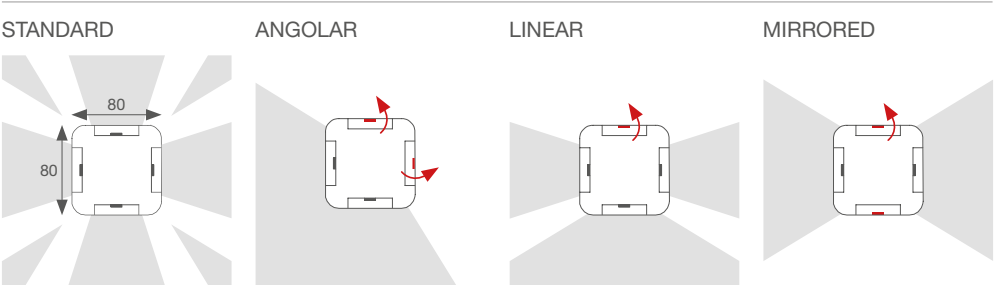
Led lights to light up large areas

Replaceable led

Completely made of aluminium, H= 600 mm, 986 mm

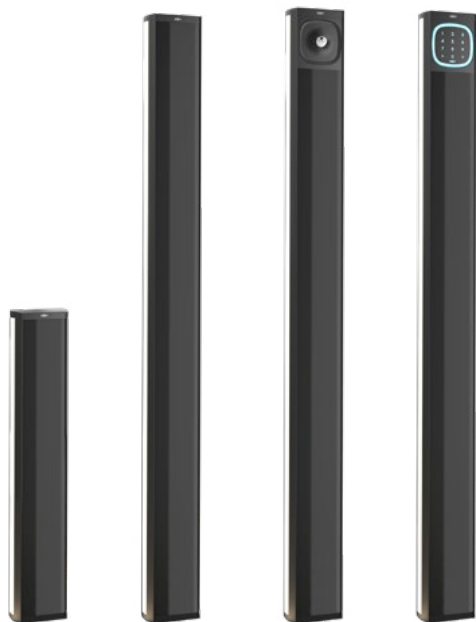


LIGHT BEAM CONFIGURABLE AT WILL



AVAILABLE COLOURS





MODELS

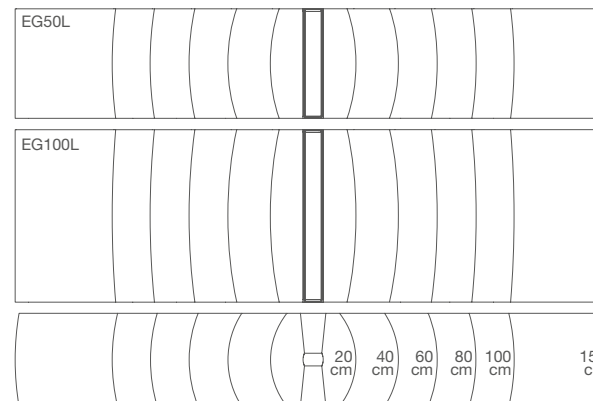
CODE	DESCRIPTION
EG50	Support post h. 50 cm
EG50L	Support post h. 50 cm with integrated LED light (5W LED)
EG100	Support post h. 100 cm
EG100L	Support post h. 100 cm with integrated LED light (10W LED)
EG100A	Support post h. 100 cm with accessory housing
EG100LA	Support post h. 100 cm with integrated LED light (10W LED) and accessory housing
CTLIGHT2	Voltage regulator for LED lights 24 Vdc, max 30W (mandatory for all control units except BOXLED control units)

PHOTOMETRIC

Led lights to light up large areas

Replaceable led

Completely made of aluminium, H= 500 mm, 1000 mm



STANDARD CONFIGURATION

	EG50L	EG100L
20 cm	221 lux	291 lux
40 cm	84 lux	112 lux
60 cm	52 lux	84 lux
80 cm	42 lux	68 lux
100 cm	34 lux	43 lux
150 cm	12 lux	16 lux

TECHNICAL DATA

24-35 Vdc

CRI>90

3000K

450lm - 900lm

IP54

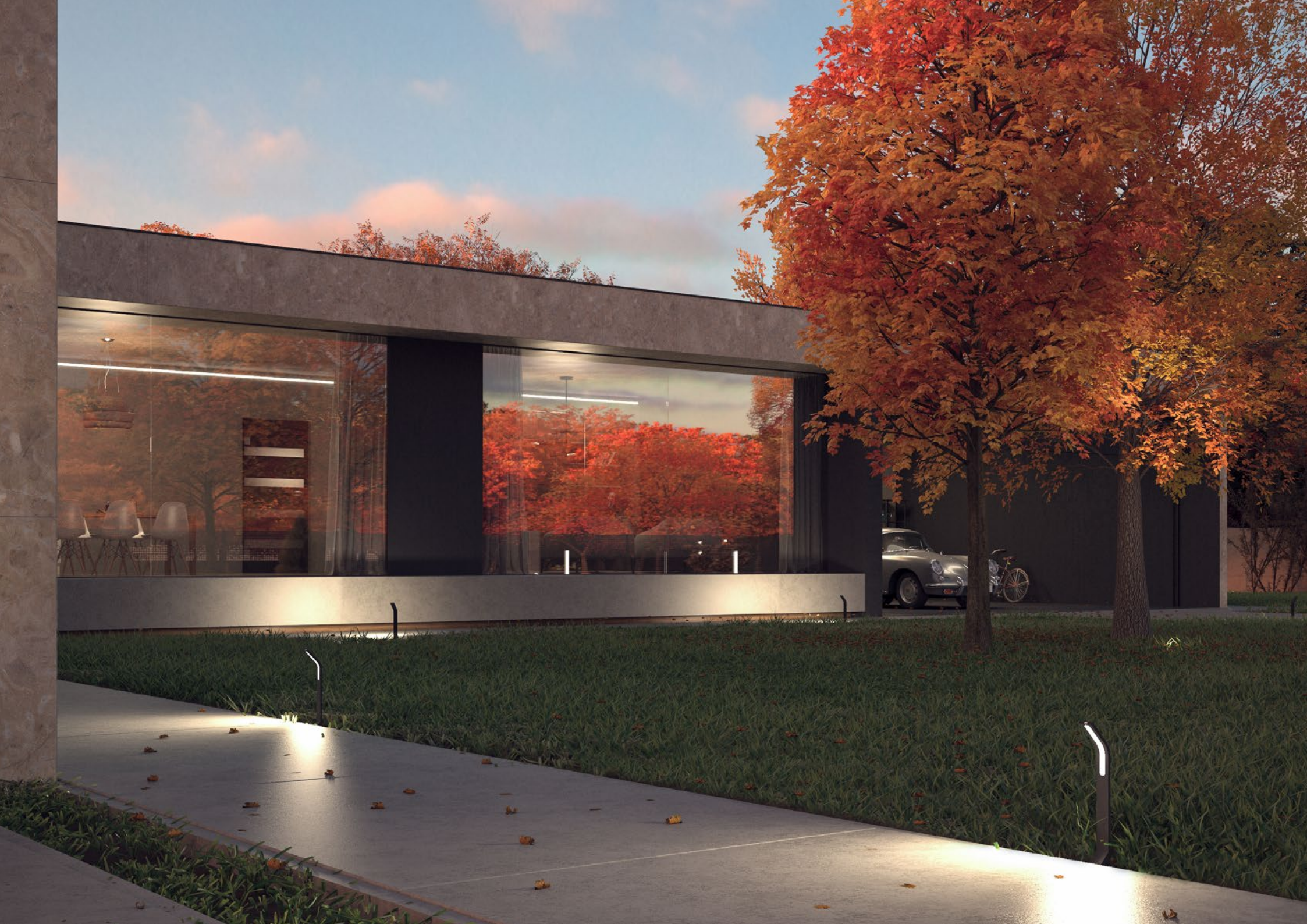
PLUS



Version with accessory housing



Simplified installation using garden spike or anchor plate



VERTICAL ACCESSORIES



STI1
Tip for
soil fixing

PC 1



999LEDWCSP
Pair of led lights
warm white

PC 1



999LEDBWCSP
Pair of led lights
warm white

PC 1

STELLA ACCESSORIES



STI1
Tip for
soil fixing

PC 1



999LEDWCSP
Pair of led lights
warm white

PC 1



999LEDBWCSP
Pair of led lights
warm white

PC 1



STI4
Counter plate
grey RAL7016

PC 1

STIK M / STIK S ACCESSORIES



STI1
Tip for
soil fixing

PC 1



999LEDWCSP
Pair of led lights
warm white

PC 1



999LEDBWCSP
Pair of led lights
warm white

PC 1



STI3C
Counter plate
CORTEN

PC 1



STI3D
Counter plate
grey RAL7016

PC 1



STI3W
Counter plate
white RAL9010

PC 1

TOWER ACCESSORIES



STI1
Tip for
soil fixing

PC 1



999LEDWCSP
Pair of led lights
warm white

PC 1



999LEDBWCSP
Pair of led lights
warm white

PC 1



STI3C
Counter plate
CORTEN

PC 1



STI3D
Counter plate
grey RAL7016

PC 1



STI3W
Counter plate
white RAL9010

PC 1

FLAT ACCESSORIES



KSTI2
Pair of recessed
boxes

PC 1

EGO ACCESSORIES



STI1
Tip for
soil fixing

PC 1



EG3
Anchor plate for fixing

PC 1



VIP1
Interface for night mode

PC 1



QUADRO
Night sensor

PC 1



EG1
Single light with wiring to
illuminate one side only, h.
50 cm

PC 1



EG2
Single light with wiring to
illuminate one side only, h.
100 cm

PC 1

DID YOU KNOW?

The **STI3** and **STI4** counter-plates have been designed to hide the electrical cables without resorting to external wire boxes

The design of the lamp will therefore remain intact and tidy



GENERAL TERMS AND CONDITIONS OF SALE

1. GENERAL PROVISIONS: SCOPE - EFFECTIVENESS OF GENERAL TERMS AND CONDITIONS OF SALE

These General Terms and Conditions of Sale replace the previous ones and apply to all contracts relating to Key Automation S.r.l. branded products, entered into by Key Automation S.r.l. (hereinafter: Key Automation, with registered office in San Donà di Piave (VE), via Meucci No. 23, Tax Code VAT IT03627650264 - Bus. Reg. VE326953) directly with its professional Customers (wholesalers, distributors, retailers, installers, professional management customers) (hereinafter: Customer). These General Terms and Conditions of Sale do not have any effect on third parties, including end purchasers of the products. Each of the aforementioned contracts relating to Key Automation S.r.l. branded products, concluded by Key Automation directly with its professional Customers indicated above, is therefore governed by these General Terms and Conditions of Sale, which are an integral part of the contracts themselves and replace and invalidate any conflicting clause or particular agreement contained in the order or other document from the Customer. These General Terms and Conditions of Sale take effect when they become known to the Customer by means of publication on Key Automation's corporate website <https://keyautomation.com/it/pages/terms-of-sales> or by other suitable means. Information contained in the catalogues such as descriptions, pictures, table values or other information is for illustrative purposes only and may be modified by Key Automation at any time.

2. ORDERS - CANCELLATION TERMS

All orders are "subject to availability and price list changes". Key Automation reserves the right to accept or reject, in whole or in part, Customer orders based on their compliance or non-compliance with these general conditions and the availability of the requested products. Key Automation reserves the right to make technical changes to the products on its price list at any time, without this giving rise to any claims on the part of the Customer. Orders cannot be cancelled in whole or in part by the Customer after 10 (ten) days from their submission to Key Automation. In the event of cancellation after this deadline, Key Automation shall be entitled to full compensation.

3. PRICING

Products are sold by Key Automation to the Customer at current Key Automation list prices at the time of delivery. Key Automation reserves the right to change its prices in the event that during the supply there are changes in costs not attributable to it. The Customer undertakes to accept without reservation any price list variations occurring between the order and delivery of the product. Key Automation list prices are always ex-works, excluding VAT, packaging included.

4. TERMS OF DELIVERY

All products are delivered ex works, Key Automation S.r.l., via Meucci n. 23, 30027 San Donà di Piave (Venice). Unless otherwise agreed upon in writing, delivery time is 10 (ten) days for domestic deliveries and 30 (thirty) days for international deliveries, except for products listed with a clock, for which the delivery time is within 6 (six) weeks. The delivery period commences with the Customer's acceptance of the Key Automation order confirmation. Any delay not exceeding the tolerances of use shall not entitle the Customer to request termination, even partial, of the contract, to refuse delivery of the products, or to claim damages. Any obligation to deliver goods is fulfilled by delivery to the carrier. Key Automation shall not be liable for delivery of goods in all cases of unforeseeable circumstances or force majeure, strikes, socio-political unrest or unavailability of raw materials, electronic components or other unavailability of products, erroneous reporting, errors or delays in reporting by the customer in the sending of information required to execute an order, non-compliance with payment conditions by the customer, changes accepted by Key Automation following receipt of an order, or in any other cases when events occur that prevent the delivery of goods through no fault of Key Automation.

5. SHIPPING

Shipments shall be effected by means of a courier contracted with Key Automation, who will automatically charge the corresponding invoice amount. At the time the order is placed, the Customer shall be able to agree with Key Automation on the use of an alternative courier, which shall always be at the Customer's expense, or on the direct collection of the goods, ex works Key Automation S.r.l., via Meucci No. 23, 30027 San Donà di Piave (Venice). Goods shall always be transported at the Customer's own risk. Any theft, loss, deterioration, or shortfall of goods shall not exempt the Customer from the obligation to settle payment of the cost, if the goods have been duly delivered on departure from the Key Automation factory to the carrier. Goods are not covered by an insurance policy, unless expressly requested by the Customer and at their own expense and risk

6. WITHDRAWAL OF PRODUCTS

The Customer undertakes to collect goods when they are made available to them, as soon as they have been notified by telephone or in writing (including by e-mail). In the event of a delay, Key Automation shall be entitled – in addition to full payment of the price – to reimbursement of the costs of storage or storage and custody of uncollected or delayed goods, whether at Key Automation's warehouses or at those of carriers, or others.

7. WARRANTY / RECOURSE AND RELATED DURATION – CASES OF EXCLUSION OF WARRANTY

Key Automation's warranty commences from the date of manufacture affixed to each Key Automation branded product and is valid for 30 (thirty) months. This period of warranty is in all cases to be regarded as irrevocable and binding. The Customer may therefore exercise their right of recourse against Key Automation within 30 (thirty) months from the date of manufacture affixed to Key Automation branded products. The Key Automation warranty – which in all cases requires the Customer to produce the product's purchase receipt issued by Key Automation – is exclusively limited to repair or replacement, free of charge, of parts acknowledged by Key Automation to be defective due to a lack of basic material quality or poor workmanship. The Customer is obliged to report any apparent defects within 8 (eight) days of receipt, and any hidden defects within 8 (eight) days of their discovery, under penalty of forfeiture. Claims may never give rise to the cancellation or reduction in orders on the part of the Customer, nor to the payment of compensation and/or damages of any kind by Key Automation, except in the event of gross negligence or wilful misconduct on the part of the latter. Disputed goods must be

returned free of charge to the address at Key Automation S.r.l. (30027 San Donà di Piave (VE), via Meucci No. 23). The Key Automation warranty is void if parts returned as defective have been tampered with or repaired in any way. For items whose period of warranty has expired, or out of warranty, Key Automation undertakes to repair the items against charge of the repair costs. In the event of equipment that cannot be fully or partially repaired, Key Automation shall return it in the state in which it was delivered, or, at the Customer's explicit request, shall repair it by replacing the parts that cannot be repaired, charging the Customer for the cost of the parts delivered. Key Automation accepts no liability for flaws or defects resulting from unforeseeable circumstances or force majeure, in respect of which the warranty shall not apply. Furthermore, Key Automation accepts no liability in the event of connection, association or interaction of its products with other products that are not supplied by Key Automation. Key Automation products must only be used in conjunction with Key Automation products; failure to do so shall invalidate the warranty referred to in this article. Key Automation also accepts no liability, and no warranty shall be recognised, in the event of failure to comply with the assembly and electrical connection instructions, or with electrical regulations or other specific current standards at the time of installation, as well as in the event that Key Automation electrical or mechanical accessories and components have been installed, used or connected without complying with the diagrams and types of connections for which they were designed, or if Key Automation products have been installed by unqualified personnel lacking the necessary technical skills or legal requirements for a professional installation. Similarly, Key Automation accepts no liability and the warranty shall be void in the event of use or application of products for purposes that are not commensurate with the nature, capacity or scope of the products themselves.

8. CLAIMS AND RETURNS

Before sending any items to Key Automation, the Customer shall submit a request on www.keyautomation.com by accessing the menu Support > Return merchandise portal, and wait for a return approval and the assignment of an identification number; if the Customer does not have an account, they must create one by clicking on "Register" and providing all the required information. Registration implies acceptance of the proposed conditions in their entirety (to be found in the Return Policy on the same portal).

9. TERMINATION CLAUSE

Failure to settle the terms of payment of the price or even only one of the instalments on the agreed due dates and within the terms set forth on the invoice, in addition to forfeiting the Customer's right to the benefit of the term, shall result in Key Automation accruing default interest at the rate envisaged for commercial transactions pursuant to Legislative Decree No. 231/2002, as amended. The sale may also be terminated with full rights at any time by simple written notification from Key Automation to the Customer that this clause has been invoked, and with no requirement for any legal formalities. Goods delivered and not paid for must be returned to Key Automation at the Customer's expense. To this end, Key Automation and commissioned third-party hauliers are authorised to terminate and collect the outstanding goods from Customers' premises. Unless agreed upon in writing, no compensation shall be allowed between any credit owed by the Customer to Key Automation or any debt owed by the Customer for any reason whatsoever.

10. TRADEMARKS AND DISTINGUISHING MARKS

The customer acknowledges that Key Automation products constitute know-how and design and are the exclusive property of Key Automation S.r.l. The Customer is expressly forbidden from infringing upon such rights of Key Automation, and in all cases from removing, obliterating or in any way altering trademarks or other distinguishing marks or abbreviations of any kind affixed to products, as well as affixing new ones of any nature. Unless authorised in writing by Key Automation, any form of reproduction or use of the Key Automation trademark or any other distinguishing marks on products is prohibited.**11. RETENTION OF TITLE** Key Automation retains title to goods sold until full payment is made. Until the price for capital and accessories has therefore been paid in full, the goods delivered, wherever they may be located and even if they have already been resold by the Customer, shall remain the full and exclusive property of Key Automation. Cheques, bills of exchange and sales of receivables shall not be considered as payments until they are actually cashed. In the event of non-payment, Key Automation may take immediate possession of sold products wherever they are located. The Customer is obliged to disclose the names of third-party purchasers of the products from whom Key Automation shall have the right to claim and collect them.

12. APPLICABLE LAW – JURISDICTION

Contracts entered into on the basis of these General Terms and Conditions of Sale are governed by, and shall be construed exclusively, in accordance with Italian law. All disputes arising in connection with the effectiveness, validity, termination, execution, interpretation of these General Terms and Conditions of Sale and of the contracts entered into on the basis hereof shall be subject to Italian jurisdiction and attributed exclusively to the Court of Venice, with the exclusion of any other alternative or competing Courts.

13. MISCELLANEOUS

Key Automation shall not recognise, nor shall it consider itself bound by, any conditions of sale other than those set out in the preceding sections, unless they have been accepted in writing. The laws of the Italian state apply to sales made in EU and non-EU countries. All data is carefully compiled and checked. We do not, however, accept any liability for any errors or omissions.

14. PRIVACY – INFORMATION PURSUANT TO ART. 13 EU REGULATION 2016/679

We use data regarding the Customer for our own administrative and accounting purposes, including by means of external associates. Detailed information, including information on your right of access and other rights, can be found on <https://keyautomation.com/it/pages/privacy>.





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