

VOXAURA

FLORIDA
KITCHEN

Atelier

DESIGN • CRAFT • INSTALLATION

www.floridakitchenatelier.com

PRODUCT CATALOG

FURNITURE LIGHT CEILING LIGHT SMART CONTROL

LIGHT SOLUTIONS FOR YOUR HOME.

Experts in lighting and product development, we combine German precision with cutting-edge technology. Our mission is to create products that embody simplicity, quality, and sustainability.

Focusing on minimalism and eco-friendly practices, we set new standards in the lighting industry. Looking ahead, we're expanding into Smart Home solutions to enhance your living space.

Our promise **"feels like coming home."**

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TABLE OF CONTENTS

KNOWLEDGE p. 003

Academy of Light	p. 003
24V System	p. 009
DIALUX	p. 010
System overview	p. 011

LIGHTING p. 013

LED-ribbons	p. 017
Profiles for LED-ribbons	p. 021
Linear lights	p. 025
Mini track lights	p. 047
Showcase lights	p. 053

SWITCHES p. 061

Sensor switches	p. 063
Wired switches	p. 065
Remote control	p. 069
Multiple switch unit	p. 070

POWER SUPPLY p. 071

Smart-drivers	p. 073
Control units	p. 079
Drivers	p. 083

ACCESSORIES p. 085

Cables & distributors	p. 086
Cable management	p. 087
Primary leads	p. 088

INFORMATION p. 089

Icons & approval marks	p. 091
Technical terms	p. 093
FAQ	p. 097
Imprint	p. 099

- ✓ Wardrobe linear light PL4006, monochrome, 3000 K
- ✓ Driver ID4001
- ✓ Light is switched by motion sensor automatically when movement is detected.

- ✓ Linear light PL4009, dimmable, monochrome, 3000 K
- ✓ Driver ID4001
- ✓ Stick sensor switch WS300 – to switch light on / off and dim brightness

- ✓ Linear light PL4008, dimmable, monochrome, 3000 K
- ✓ Driver ID4001
- ✓ Wired sensor switch WS3000 – to switch light on / off and dim brightness

- ✓ Mini spot light SC4000, dimmable, monochrome, 3000 K
- ✓ Driver ID4001
- ✓ Wired sensor switch WS3000 – to switch light on / off and dim brightness

- ✓ Linear light PL4000, dimmable, monochrome, 3000 K
- ✓ Driver ID4001
- ✓ Wired sensor switch WS3000 – to switch light on / off and dim brightness

- ✓ Glass-shelf linear light PL4004, dimmable, multiwhite, 2700 - 5000 K
- ✓ Smart-driver SD4000
- ✓ Control unit CU4000, multiwhite, synchronous- to enable control of allconnected lights simultaneously
- ✓ Smart sensor switch BS3000- to switch light on / off, adjust brightness and colour temperature

- ✓ Linear light PL4000, multiwhite, 2700 - 5000K
- ✓ Smart-driver SD4000
- ✓ Control unit CU4000, multiwhite, asynchronous - to enable control of two lighting groups independently of each other
- ✓ Smart sensor switch BS3000 - to switch light on / off automatically by opening / closing the door

- ✓ Illuminated glass shelf PL4012, multiwhite, 2700 - 5000K
- ✓ Smart-driver SD4000
- ✓ Control unit CU4000, multiwhite, asynchronous - to enable control of two lighting groups independently of each other
- ✓ Smart sensor switch BS3000 - to switch light on / off and dim brightness touchless by swiping

- ✓ Silicone LED-ribbon LS4040, dimmable, multiwhite 2700 - 5000 K + profile AP1000 for plinth
- ✓ Smart-driver SD4000
- ✓ Control unit CU4000, multiwhite, synchronous- to enable control of allconnected lights simultaneously
- ✓ Smart sensor switch BS3000- to switch light on / off, adjust brightness and colour temperature

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MORE PERFORMANCE

HIGHER EFFICIENCY

BEST APPLICATION

24V

- LOWER CURRENT

24V systems work with half the current of 12V systems, reducing heat and current losses, leading to increased lifespan.
- LONGER RIBBON

Lower current and higher voltage allow longer ribbons with minimal voltage drop.
- ENERGY EFFICIENCY

Lower energy consumption means lower operating costs.
- FASTER PRODUCT AVAILABILITY

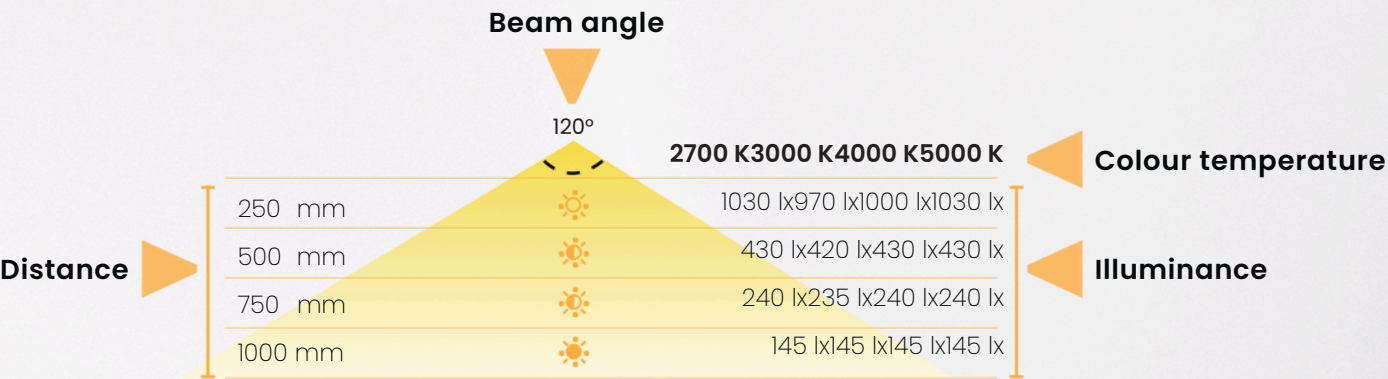
Focusing on a single system significantly reduces stock size for products and accessories.
- CUT DISTANCE

24V LED-ribbons feature more LED chips than standard 12V LED-ribbons and can be cut to any size without loss of brightness, even the corners are brightly lit.



DIALUX

SIGNIFICANT FACTORS INFLUENCING ILLUMINATION



DIALUX illustrates the relationship between the distance from a light source, its beam angle and colour temperature as well as the resulting illuminance:

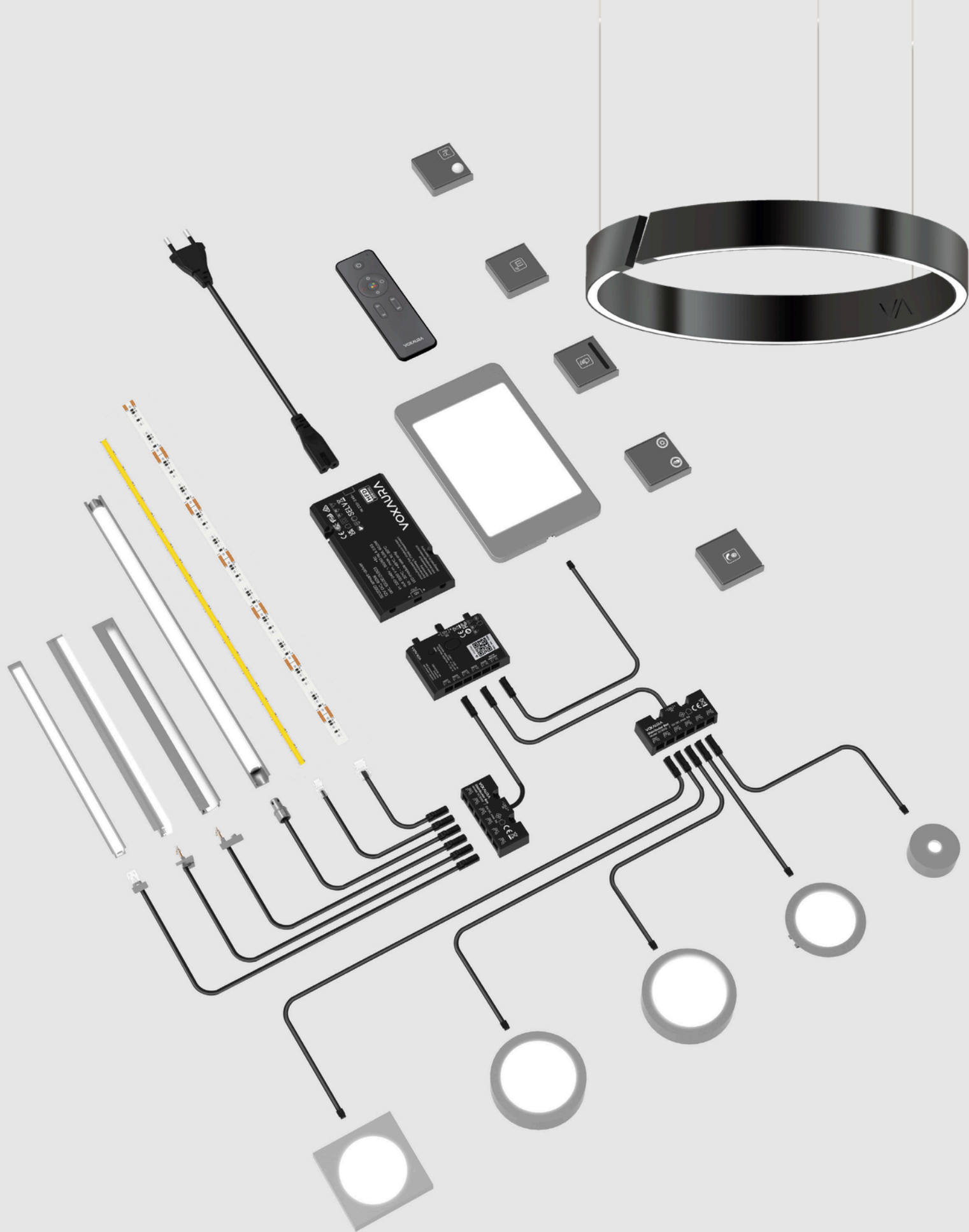
- Increasing distance leads to decreasing illuminance.
- A small beam angle produces a focused beam of light with high illuminance, while a wide beam angle produces a wider light cone with less illuminance.
- Although warm white and cool white light can technically have the same illuminance, cool white light mostly seems brighter than warm white light.

So the DIALUX shows the illuminance depending on the most relevant influencing factors and helps you to choose the suitable light according to your needs.

RECOMMENDATION FOR ILLUMINANCE

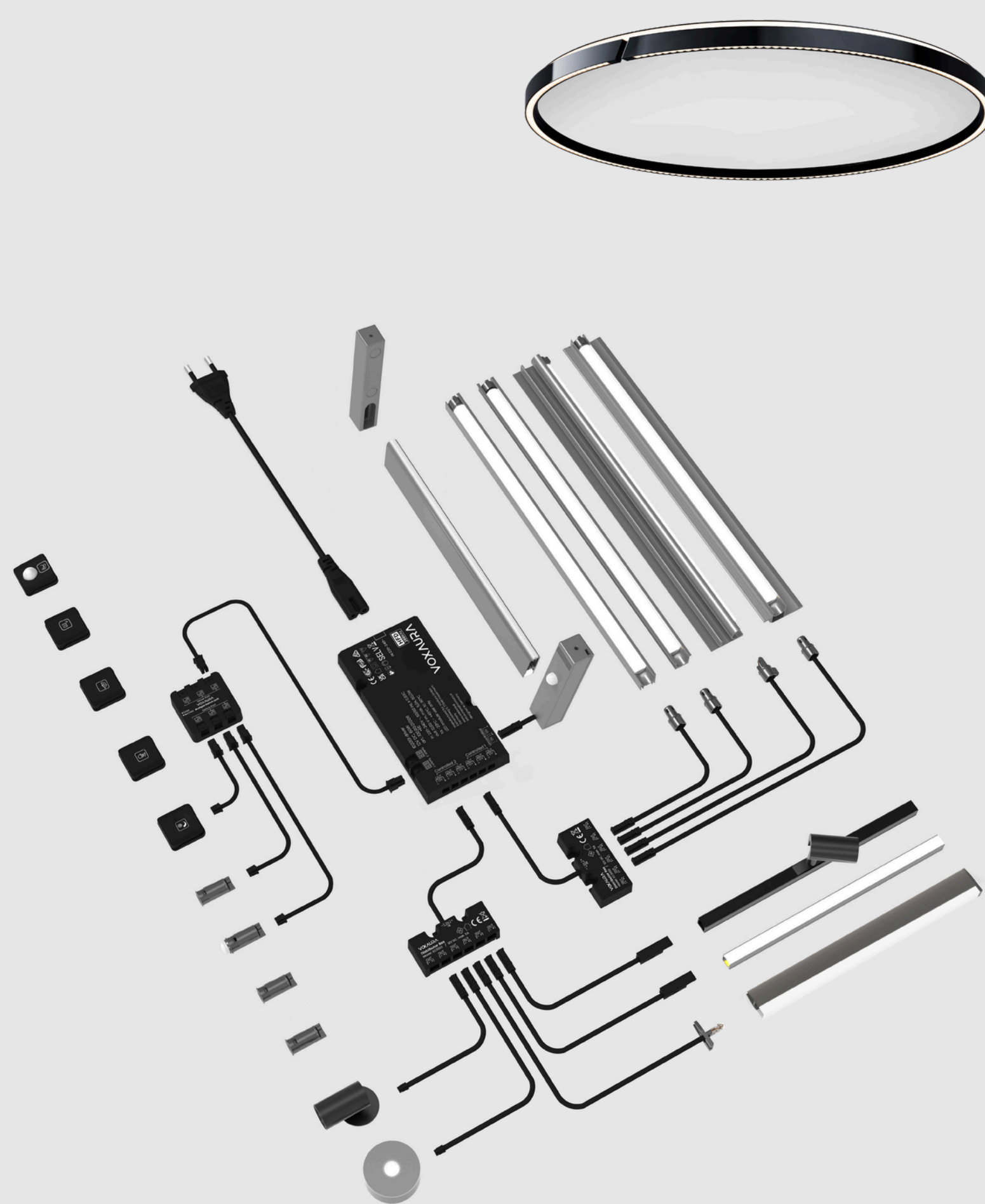
type of room	illuminance working area	illuminance floor
kitchen, office	500 lx	150 lx
dining room	300 lx	100 lx
living room	300 lx	100 lx
bed room	200 lx	100 lx
bath room	200 – 500 lx	100-150 lx
show room, gallery	300 – 500 lx	150 lx
hallway, stairs	---	100 lx

Please note that certain activities require higher illuminance (for example room cleaning up to 500 lx).



SYSTEM OVERVIEW WITH
SMART-DRIVER

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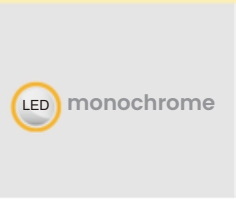
SYSTEM OVERVIEW WITH
DRIVER

LED-RIBBONS

24V

overview

COB LED-RIBBONS



LS4031	> 720	8	8	IP20	019
--------	-------	---	---	------	-----

19

21021023

SMD LED-RIBBONS SILICONE



LS4040	> 200	8	4	IP44	
LS4041	> 560	8	10	IP44	

LINEAR LIGHTS

24V

overview

LED

CUT-TO-SIZE MONOCHROME / MULTIWHITE

Familyname	lm/m	W/m	Length mm	Technical drawing	
PL4000	> 118	5	3000		027
PL4002	> 114	5	3000		029

27page

24V

overview

33page

Familyname	lm/m	W/m	Length mm	Technical drawing	
PL4003	> 298	5	3000		033
PL4011	> 50	5	3000		031
PL4004	> 188	5	3000		035
PL4006	96	5	3000		037
PL4007	> 350	5	3000		039
PL4008	> 350	5	3000		041

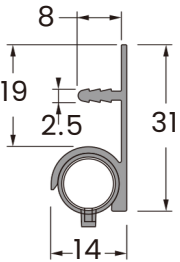
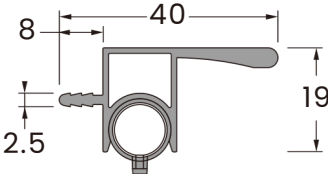
LINEAR LIGHTS



overview

43page

CUT-TO-SIZE MONOCHROME / MULTIWHITE

Familyname	lm/m	W/m	Length mm	Technical drawing	
 PL4009	> 350	5	3000		043
 PL4010	> 350	5	3000		045

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LINEAR LIGHTS
MINI TRACK LIGHTS



overview

49page

LED TRACKS & SPOTS

Familyname	lm	W	Dimensions	Installation	
 TL4002	---	---	3000 x 15 x 10 mm	recessed	049
 TL4003	---	---	3000 x 10 x 10 mm	surface	049
 TL4001	135	1	Ø 18 x 45 x 47 mm	clip-in	051
TL4005	390	3			

SHOWCASE LIGHTS



overview

55page

LED SPOTLIGHTS

Familyname	lm	W	Dimensions	Installation	
 SC4000	390	3	Ø 18 x 45 x 43,2 mm	recessed	055
 SC4001	390	3	Ø 18 x 45 x 350 mm	recessed	057
 TL4004	---	---	450 x 15 x 13 mm	recessed	059



LED RIBBONS



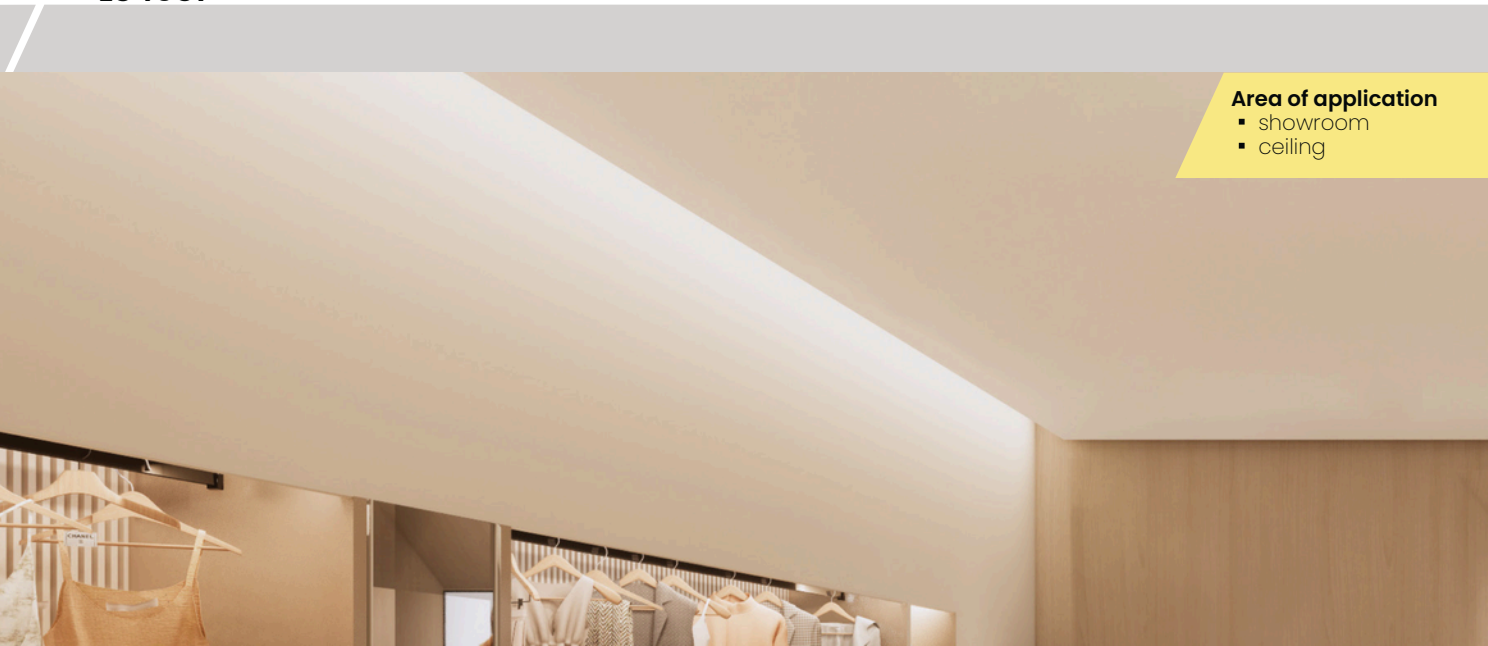
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COB LED-RIBBONS

 24V
monochrome (2-pin), 8 mm
LS4031



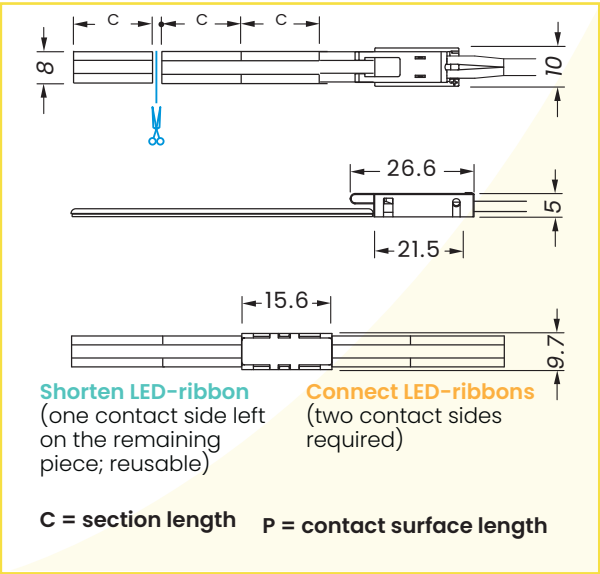
- HIGH CRI **93**
- HIGH LUMINOUS FLUX
- BEAM ANGLE **180°**



Area of application

- showroom
- ceiling

Material	plastic	
Surface finish	silver	
Width	8 mm	
Height	1,5 mm	
Dimmable	yes	
Degree of protection	IP20	
Lifetime L80/B10	>50.000	h
Lifetime L70/B50	>80.000	h
Installation	self-adhesive	
Scope of delivery	1 role (5 m)	



Illuminance in lx based on 1 m strip length:

	180°	2700 K	5000 K	3000 K	4000 K
250 mm		2650 lx	2925 lx	2810 lx	2925 lx
500 mm		665 lx	730lx	700 lx	730lx
750 mm		295 lx	325 lx	315 lx	325 lx
1000 mm		165 lx	185 lx	175 lx	185 lx

LS4031

Number of LEDs	Wattagenous	Lumen flux	Lumen efficacy	Colour Rendering Index CRI	Colour temperature	Co-lour system	Energy efficiency class	Max. ribbon length (visual)	Section length	Contact surface length	Article number
LEDs/m	W/m	lm/m	lm/W	R9	K		EEL	m	mm	mm	5 m

LS4031 for showroom, ceiling

320	8	760	95	93	>50	3000	mc		5,0	12,5	10,0	200.10.00.030
	8	800	100	93	>50	4000	mc		5,0	12,5	10,0	200.10.00.031
	8	800	100	93	>50	5000	mc		5,0	12,5	10,0	200.10.00.032



COB LED-ribbons are characterized by a wide beam angle of 180° and homogeneous illumination without visible LED dots.



Calculate the wattage requirement of the LED-ribbon in the desired length and select a driver that can supply the required power. In addition to the requirements of the LED-ribbon, please also take into account the requirements of other lights/consumers that are connected to the same driver. The total wattage requirement of all connected loads must not exceed the output of the driver.



ORDER INFO

Additional connecting accessories need to be ordered separately



Drivers (integrated)

see page 083



Smart-drivers + control unit

see page 073



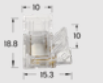
1 connecting cable 2 m incl. clip connector (2-pin) 8 mm, 24V

209.19.00.004



Straight connectors (2-pin) 8 mm (10 pcs)

209.09.00.001



90° corner connectors (2-pin) 8 mm (10 pcs)

209.09.00.002

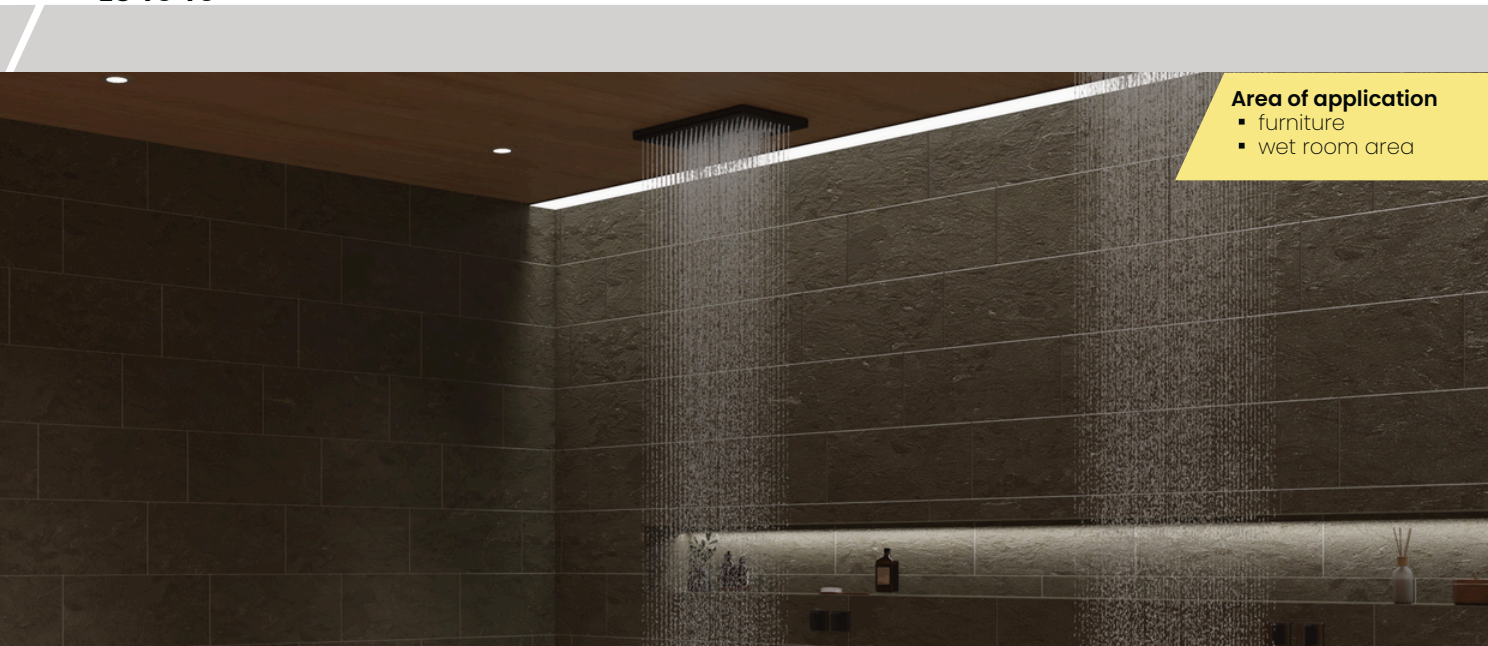
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SILICONE LED-RIBBONS

24V
multiwhite (2-pin), 4 mm
LS4040

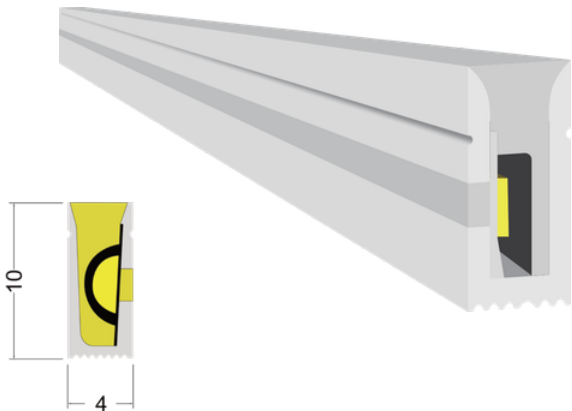


- HIGH CRI 93
- IP44
- SIDE RADIATION



Area of application

- furniture
- wet room area



Material	silicone
Surface finish	white
Width	4 mm (8 mm PCB)
Height	10 mm
Dimmable	yes
Degree of protection	IP44
Lifetime L80/B10	>50.000 h
Lifetime L70/B50	>80.000 h
Installation	profile fixing
Scope of delivery	1 role (5 m)

Illuminance in lx based on 1 m strip length:

	120°	2700 K	5000 K
250 mm		1095 lx	1225 lx
500 mm		275 lx	305 lx
750 mm		120 lx	135 lx
1000 mm		65 lx	75 lx

Shorten LED-ribbon
(one contact side left
on the remaining
piece; reusable)

Connect LED-ribbons
(two contact sides
required)

C = section length P = contact surface length

LS4040

Number of LEDs	Wattage	Lumen	Lumen per watt	Colour Rendering Index CRI	Colour temperature	Colour system	Energy efficiency class	Max. ribbon length (visual)	Section length	Contact surface length	Article number
LEDs/m	W/m	lm/m	lm/W	Ra	K		EEL	m	mm	mm	5 m

LS4040 for furniture, wet room area

640	8	200	25	93	>50	2700-5000	mw		8,0	12,5	4,0	200.11.10.009
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Thanks to their increased IP protection rating (IP44), silicone LED-ribbons are also **suitable for use in wet rooms such as bathrooms**. Please note that an appropriate driver must be used for wet rooms as well.

Silicone LED-ribbons are characterized by light emission even on the small side of the ribbon,

without visible LED dots.

Due to the material properties of silicone, silicone LED-ribbons **can also be installed in waves and circles**, whereby a radius of at least 30 mm must be observed.

Multiwhite LED-ribbon can only be operated with smart-drivers.

The specified lifetime refers to operation at ambient temperature up to +45°C. Please note that a higher ambient temperature will shorten the lifetime.

Calculate the wattage requirement of the LED-ribbon in the desired length and select a driver that can supply the required power. In addition to the requirements of the LED-ribbon, please also take into account the requirements of other lights/consumers that are connected to the same driver. The total wattage requirement of all connected loads must not exceed the output of the driver.

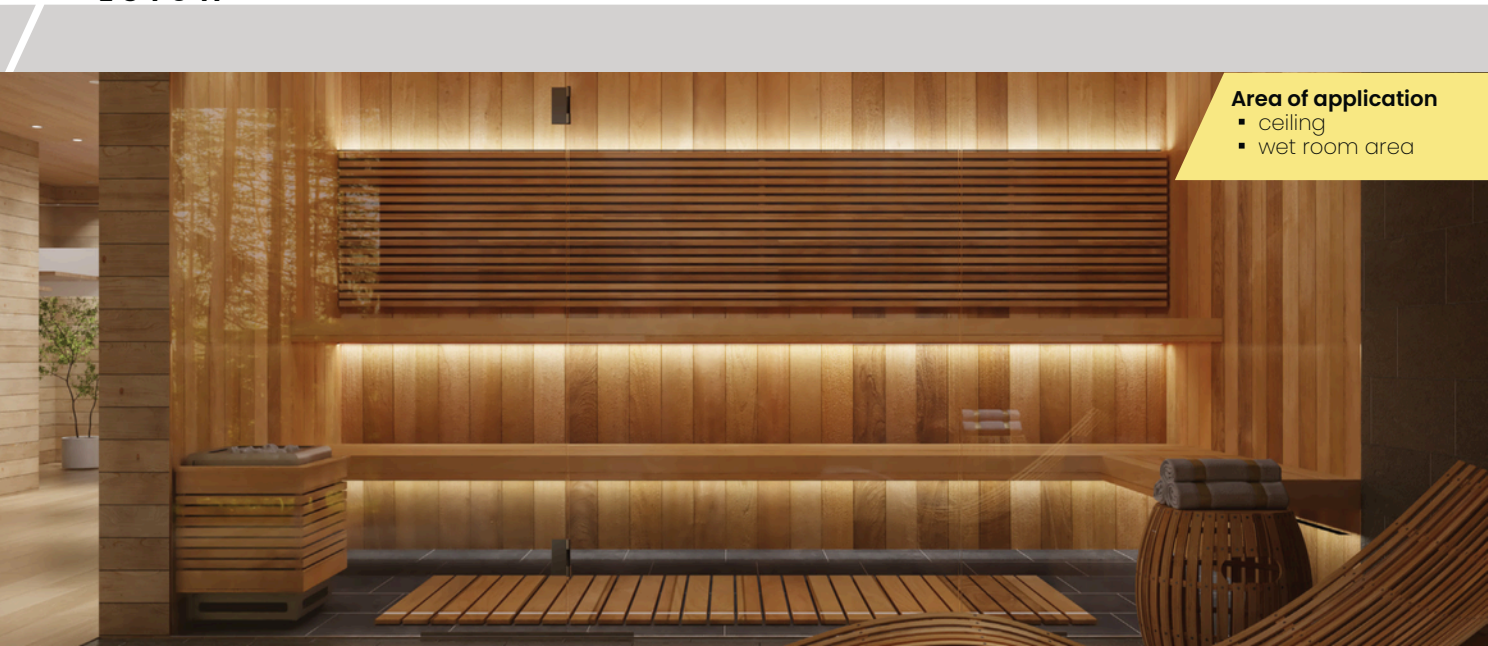
ORDER INFO	Accessories for installation and connection need to be ordered separately.	
	driver (integrated, smart, IP44)	see page 071
	1 connecting cable 2 m incl. clip connector (2-pin) 8 mm, 24V + 1 end cap and 2 shrink tubes	209.19.00.013
	Profile aluminum API000	208.99.22.001

SILICONE LED-RIBBONS

24V
multiwhite (2-pin), 10 mm
L S4 041

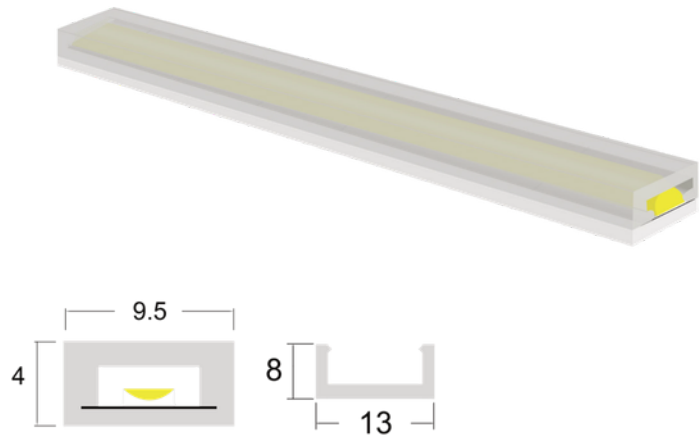


- HIGH CRI 93
- IP44
- SIDE RADIATION



- Area of application
- ceiling
 - wet room area

Material	silicone
Surface finish	white
Width	10 mm (8 mm PCB)
Height	4 mm
Dimmable	yes
Degree of protection	IP44
Lifetime L80/B10	>50.000 h
Lifetime L70/B50	>80.000 h
Installation	clip fixing (2 pcs/m)
Scope of delivery	1 role (5 m) incl. 10 clips



Illuminance in lx based on 1 m strip length:

	120°	2700 K	5000 K
250 mm		2060 lx	2355 lx
500 mm		515 lx	590 lx
750 mm		230 lx	260 lx
1000 mm		125 lx	145 lx

Shorten LED-ribbon
(one contact side left
on the remaining
piece; reusable)

Connect LED-ribbons
(two contact sides
required)

C = section length P = contact surface length

L S4 041

Number of LEDs	Wattage	Lumen flux	Lumen efficacy	Colour Rendering Index CRI	Colour temperature	Colour system	Energy efficiency class	Max. ribbon length (visual)	Section length	Contact surface length	Article number
LEDs/m	W/m	lm/m	lm/W	Ra	K		EEL	m	mm	mm	
				R9							5 m

LS4041 for ceiling, wet room area

640	8	560 - 640	70 - 80	93	>50	2700-5000 mw		8,0	12,5	10,0	200.11.10.008
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Thanks to their increased IP protection rating (IP44), silicone LED-ribbons are also **suitable for use in wet rooms such as bathrooms**. Please note that an appropriate driver must be used for wet rooms as well.

Silicone LED-ribbons are characterized by light emission even on the small side of the ribbon, **without visible LED dots**.

Due to the material properties of silicone, silicone LED-ribbons **can also be installed in waves and circles**, whereby a radius of at least 30 mm must be observed.

Multiwhite LED-ribbon can only be operated with smart-drivers.

The specified lifetime refers to operation at ambient temperature up to +45°C. Please note that a higher ambient temperature will shorten the lifetime.

Calculate the wattage requirement of the LED-ribbon in the desired length and select a driver that can supply the required power. In addition to the requirements of the LED-ribbon, please also take into account the requirements of other lights/consumers that are connected to the same driver. The total wattage requirement of all connected loads must not exceed the output of the driver.

ORDER INFO	Additional connecting accessories need to be ordered separately	
	Drivers (integrated)	see page 083
	Smart-drivers + control unit	see page 073
	1 connecting cable 2 m incl. clip connector (2-pin) 8 mm, 24V + 1 end cap and 2 shrink tubes	209.19.00.014

LINEAR LIGHTS



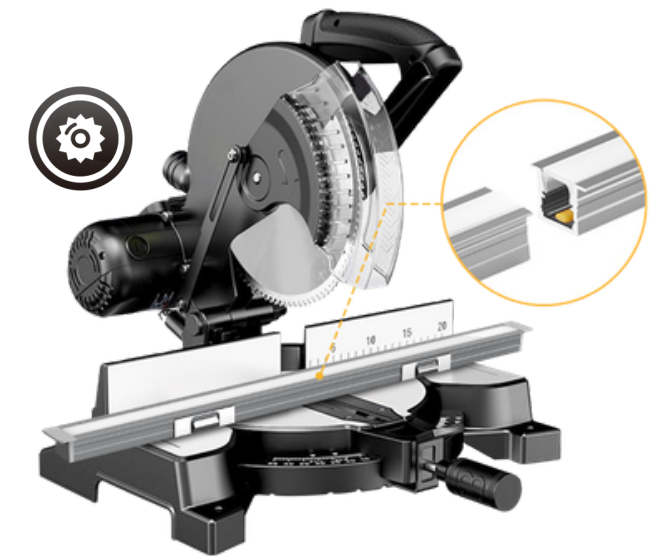
Simply cut
to size with a
cross-cut saw



SMARTSTOCK CUT-TO-SIZE

Profile length depends on furniture

- VoxAura LED-ribbons are pre-assembled in various aluminum profiles (3 m) incl. diffuser.
- Simply cut to required size on-site.
- **Assembly in no time:** Just clip end cap and power cable onto cutted profile - done.

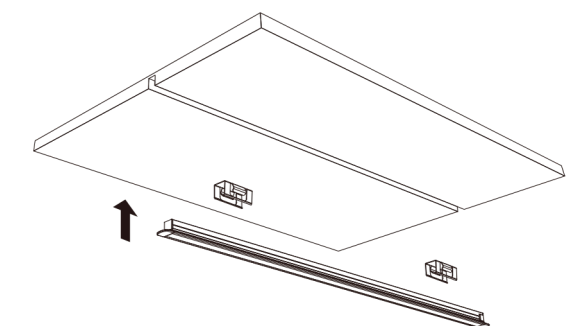


PLUG-AND-PLAY SYSTEM

Make your furniture last for centuries.

Our recessed profiles are **installed without glue** and any resulting damage of furniture by **clip-in system**: Screw the clips into furniture and clip-in the profile (3 clips / m).

This system allows simple and **damage-free adjustment** in future.



Linear light with clips for
easy installation

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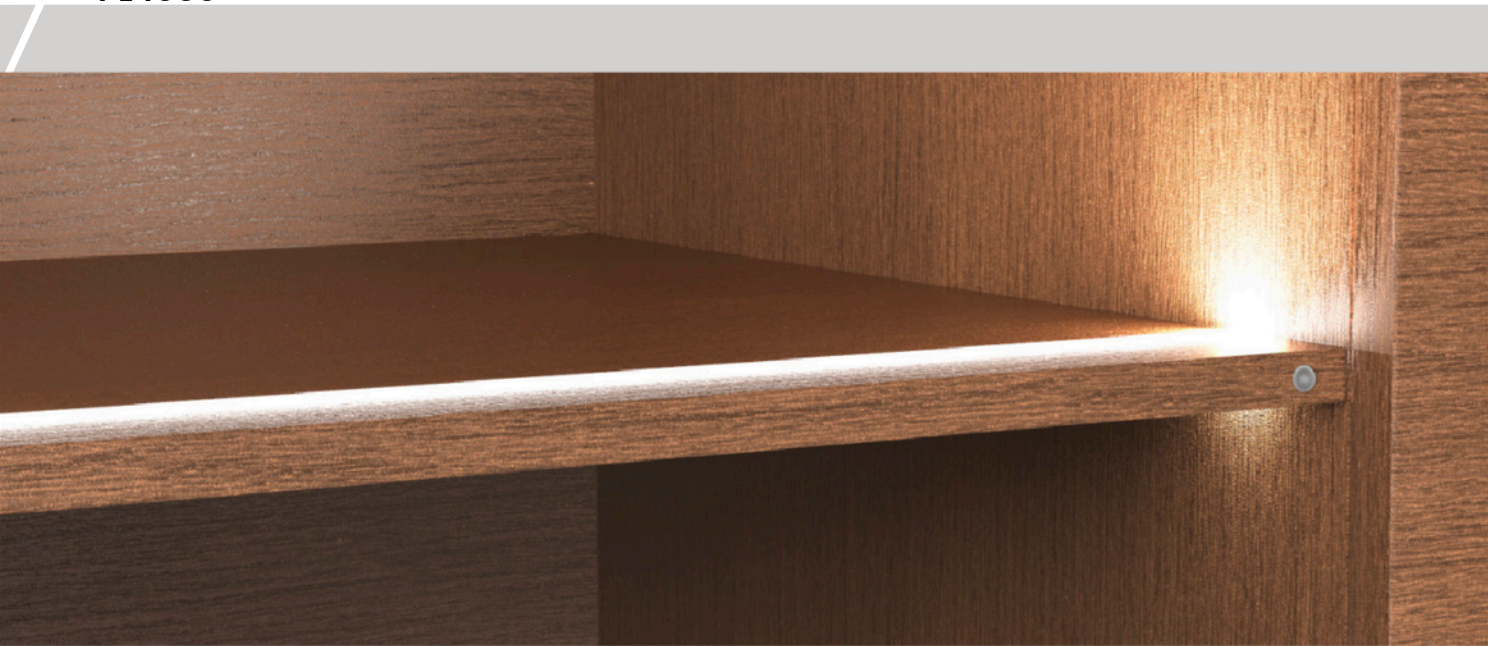
LINEAR LIGHTS

24V

multiwhite (2-pin), middle recessed mounted
PL4000



- HIGH CRI **93**
- HIGHEST LUMINOUS FLUX
- CUT-TO-SIZE
- PLUG AND PLAY SYSTEM



Material	aluminum
Surface finish	grey
Kind of LED	COB
Dimmable	yes (PL4000) / no (PL4001)
Degree of protection	IP20
Lifetime L80/B10	>50.000 h
Lifetime L70/B50	>80.000 h
Installation	recessed mounting + clip, 3 clips / m needed
Scope of delivery	1 linear light (PL4000) 1 linear light incl.

ORDER INFO:
For PL4000 accessories for installation need to be ordered separately, please refer to the right.

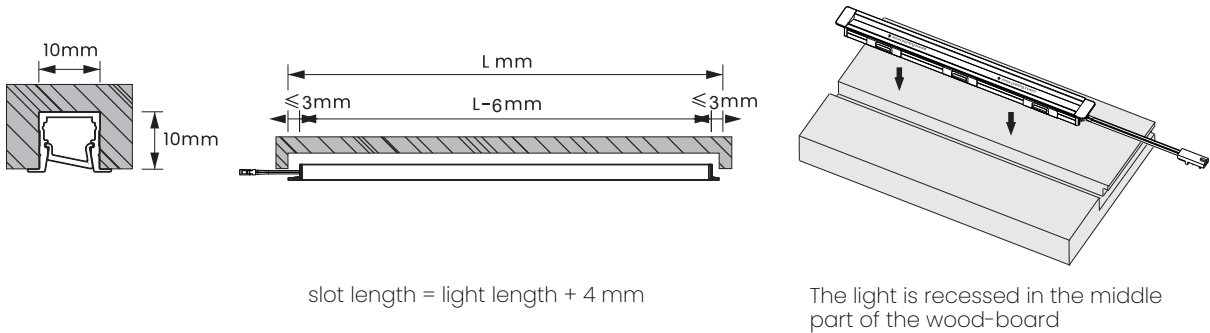
Dimensions:

	90°	2700 K	5000 K	3000 K	4000 K
250 mm		418 lx	561 lx	464 lx	510 lx
500 mm		104 lx	140 lx	116 lx	128 lx
750 mm		46 lx	62 lx	52 lx	57 lx
1000 mm		26 lx	35 lx	29 lx	32 lx

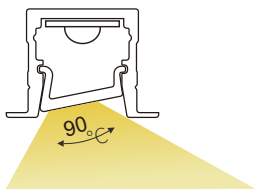
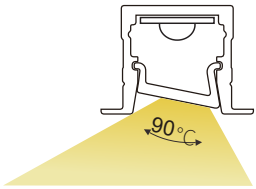
PL4000

Num-ber of LEDs	Wat-tage	Lumi-nous flux	Lumen efficacy	Colour Rende-ring CRI	Colour tempe-rature	Colour system	Energy efficiency class	Customi-zed size	Dimensions (L x W x H)	Drill hole W x H	Article number
LEDs/m	W/m	lm/m	lm/W	Ra	R9	K	EEL		mm	mm	
640	5	130	26	93	>50	2700 - 5000	multiwhite			cut-to-size freely	3000 x 12 x 9 10 x 10 201.11.22.001

Installation:



The direction in which the light is emitted can be varied by turning the diffuser. Simply pull out the diffuser and reinsert it at an angle in the other direction.



ORDER INFO: For PL4000 accessories for installation need to be ordered separately.



Accessories set incl. connecting cable 2 m,
9 mounting clips and 1 end cap

150.10.00.001

LINEAR LIGHTS

 24V
multiwhite (2-pin), rear mounted
PL4002

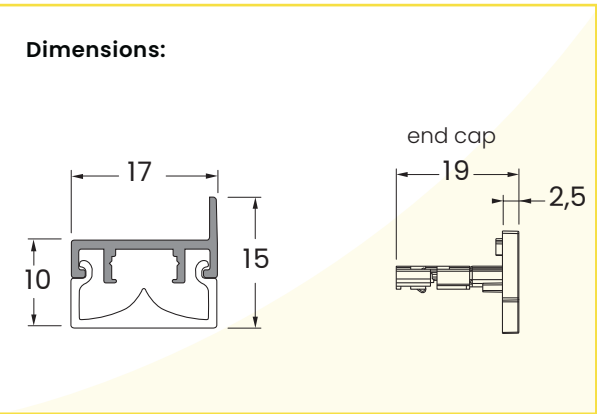


- HIGH CRI **93**
- HIGHEST LUMINOUS FLUX
- CUT-TO-SIZE
- PLUG AND PLAY SYSTEM



Material	aluminum
Surface finish	grey
Kind of LED	COB
Dimmable	yes
Degree of protection	IP20
Lifetime L80/B10	>50.000 h
Lifetime L70/B50	>80.000 h
Installation	recessed mounting
Scope of delivery	1 linear light

 **ORDER INFO:**
Accessories for installation need to be ordered separately, please refer to the right.

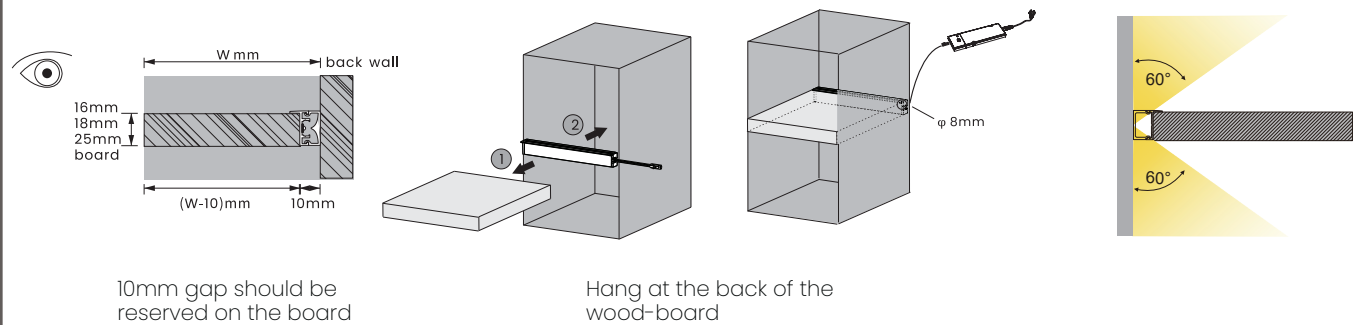


	60°	2700 K	5000 K	3000 K	4000 K
250 mm		144 lx	194 lx	160 lx	176 lx
500 mm		36 lx	48 lx	40 lx	44 lx
750 mm		16 lx	22 lx	18 lx	20 lx
1000 mm		9 lx	12 lx	10 lx	11 lx

PL4002

Number of LEDs	Wattage	Luminous flux	Lumen efficacy	Colour Rendering Index CRI		Colour temperature	Colour system	Energy efficiency class	Customized size	Dimensions (L x W x H)	Article number
LEDs/m	W/m	lm/m	lm/W	Ra	R9	K		EEL		mm	
640	5	126	25	93	>50	2700 - 5000	multiwhite		 cut-to-size freely	3000 x 17 x 15	2011.12.002

Installation diagram:



 ORDER INFO



Accessories set incl. connecting cable 2 m and 1 end cap

150.10.00.002

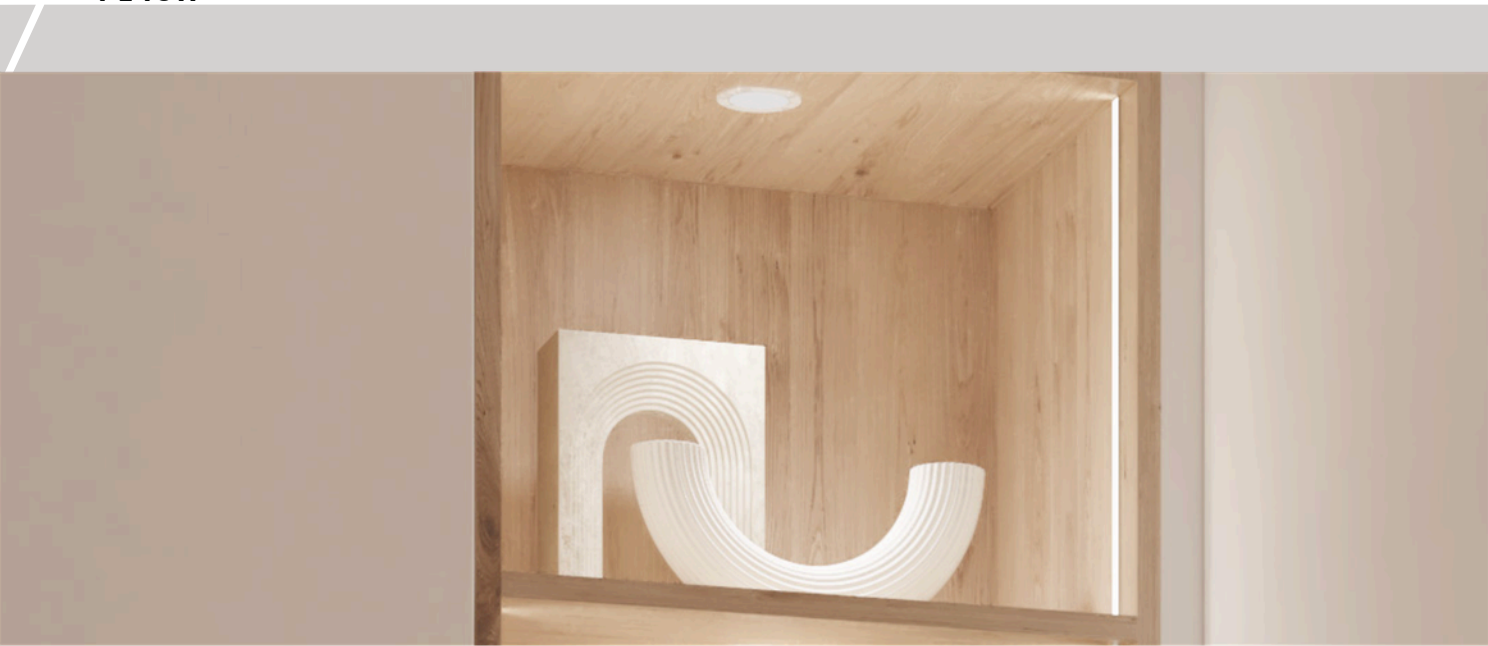
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LINEAR LIGHTS

 24V
multiwhite (2-pin), side-stand
PL4011



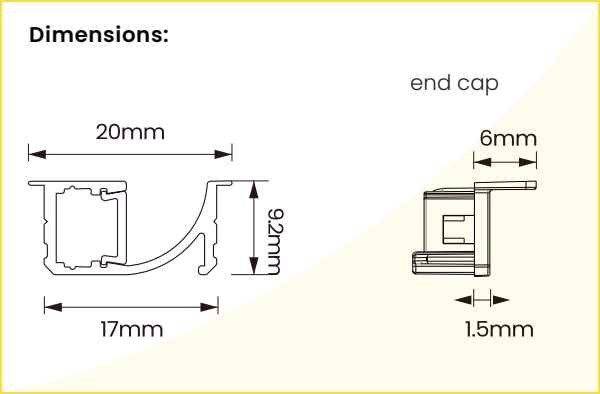
- HIGH CRI **93**
- HIGHEST LUMINOUS FLUX
- CUT-TO-SIZE
- PLUG AND PLAY SYSTEM



Material	aluminum
Surface finish	grey
Kind of LED	COB
Dimmable	yes
Degree of protection	IP20
Lifetime L80/B10	>50.000 h
Lifetime L70/B50	>80.000 h
Installation	recessed mounting + clip
Scope of delivery	3 clips / m needed 1 linear light



ORDER INFO:
Accessories for installation need to be ordered separately, please refer to the right.

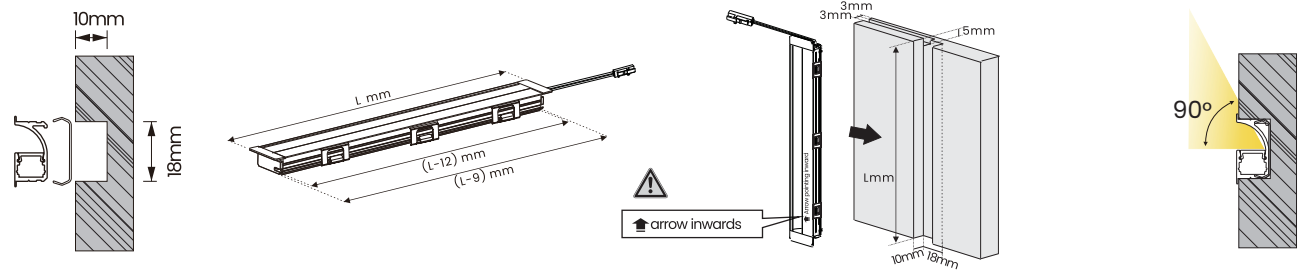


	90°	2700 K	5000 K	3000 K	4000 K
250 mm		259 lx	348 lx	288 lx	317 lx
500 mm		65 lx	87 lx	72 lx	79 lx
750 mm		29 lx	39 lx	32 lx	35 lx
1000 mm		16 lx	22 lx	18 lx	20 lx

PL4011

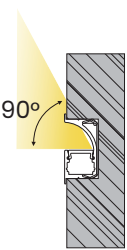
Number of LEDs	Wattage	Luminous flux	Lumen efficacy	Colour Rendering Index CRI	Colour temperature	Colour system	Energy efficiency class	Customized size	Dimensions (L x W x H)	Drill hole W x H	Article number	
LEDs/m	W/m	lm/m	lm/W	Ra	R9	K	EEI		mm	mm		
640	5	55	11	93	>50	2700 – 5000	multiwhite		 cut-to-size freely	3000 x 20 x 9,2	18 x 10	201.11.22.003

Installation diagram:



Beam angle:

Brightness and colour temperature are determined by the linear light used.



 ORDER INFO



Accessories set incl. 2 connecting cables 2 m & 2 end caps (each one for installation on the right and on the left) and 9 mounting clips

150.10.00.003

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LINEAR LIGHTS

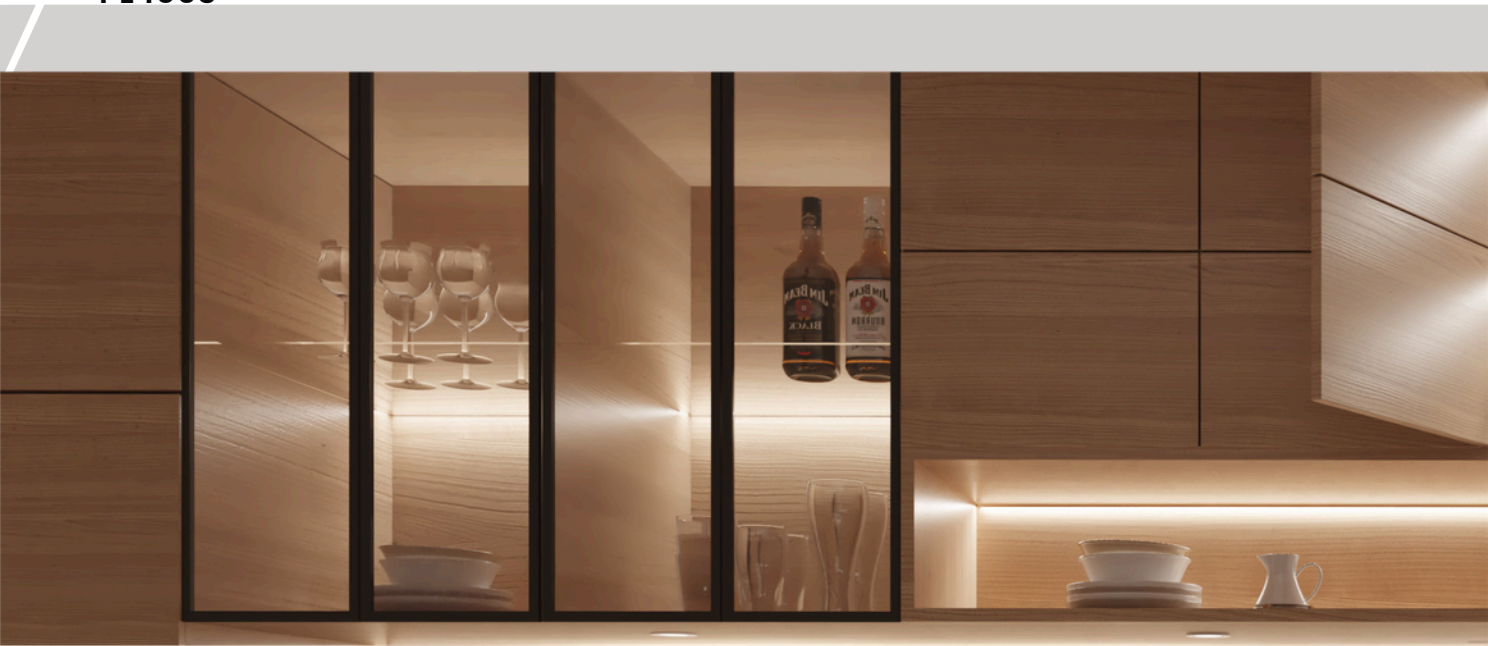
24V

monochrome (2-pin), clamp-on-glass (6 mm)

PL4003

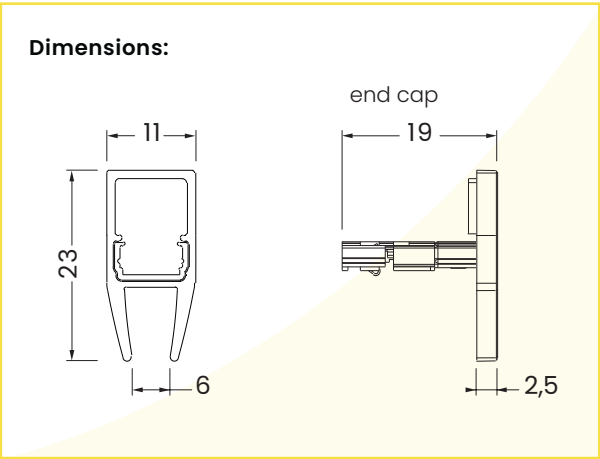


- HIGH CRI **93**
- HIGHEST LUMINOUS FLUX
- CUT-TO-SIZE
- PLUG AND PLAY SYSTEM



Material	aluminum
Surface finish	grey
Kind of LED	COB
Dimmable	yes
Degree of protection	IP20
Lifetime L80/B10	>50.000 h
Lifetime L70/B50	>80.000 h
Suitable for	glass 6 mm
Installation	surface mounting
Scope of delivery	1 linear light

ORDER INFO:
Accessories for installation need to be ordered separately, please refer to the right.



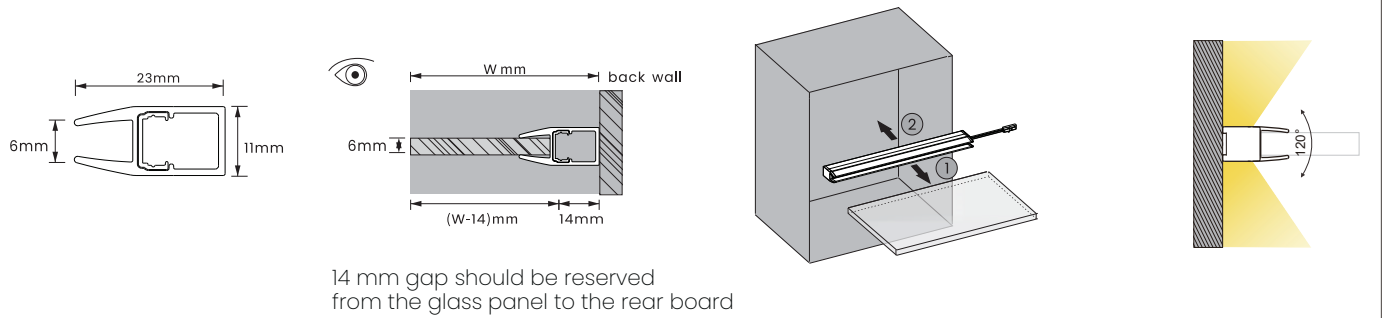
	120°	3000 K	4000 K
250 mm		496 lx	496 lx
500 mm		124 lx	124 lx
750 mm		55 lx	55 lx
1000 mm		31lx	31lx



PL4003

Num-ber of LEDs	Wat-tage	Lumi-nous flux	Lumen efficacy	Colour Rende-ring CRI	Index	Colour tempe-rature	Colour system	Energy efficiency class	Customized size	Dimensions (L x W x H)	Article number
LEDs/m	W/m	lm/m	lm/W	Ra	R9	K		EEL		mm	
320	5	328	66	93	>50	4000	monochrome		cut-to-size freely	3000 x 23 x 11	201.10.22.007

Installation diagram:



ORDER INFO



Accessories set incl. connecting cable 2 m and 1 end cap

150.10.00.004

www.floridakitchenatelier.com

LINEAR LIGHTS

 24V
multiwhite (2-pin), clamp-on-glass (8 mm)



- HIGH CRI **93**
- HIGHEST LUMINOUS FLUX
- CUT-TO-SIZE
- PLUG AND PLAY SYSTEM

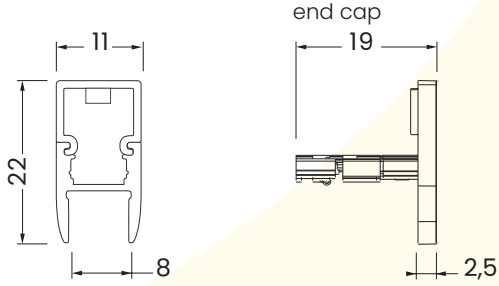
PL4004



Material	aluminum
Surface finish	grey
Kind of LED	COB
Dimmable	yes
Degree of protection	IP20
Lifetime L80/B10	>50.000 h
Lifetime L70/B50	>80.000 h
Suitable for	glass 8 mm
Installation	surface mounting
Scope of delivery	1 linear light

 **ORDER INFO:**
Accessories for installation need to be ordered separately, please refer to the right.

Dimensions:

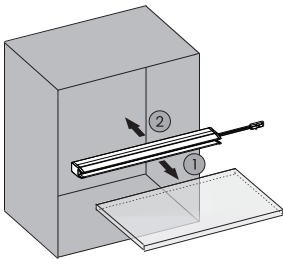
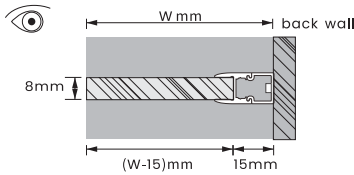
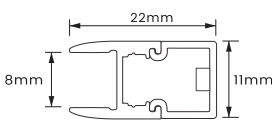


	120°	2700 K	5000 K	3000 K	4000 K
250 mm		346 lx	465 lx	384 lx	448 lx
500 mm		86 lx	116 lx	96 lx	112 lx
750 mm		38lx	52 lx	43 lx	50 lx
1000 mm		22 lx	29 lx	24 lx	28lx

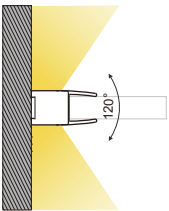
PL4004

Num-ber of LEDs	Wat-tage	Lumi-nous flux	Lumen efficacy	Colour Rendering Index CRI	Colour tempe-rature	system	Energy efficiency class	Customi-zed size	Dimensions (L x W x H)	Article number
LEDs/m	W/m	lm/m	lm/W	Ra	R9	K	EEI		mm	
640	5	205	41	93	>50	2700 – 5000	multiwhite		 cut-to-size freely	3000 x 22 x 11 201.11.22.004

Installation diagram:



Beam angle:



15 mm gap should be reserved from the glass panel to the rear board

 ORDER INFO



Accessories set incl. connecting cable 2 m and 1 end cap

150.10.00.005

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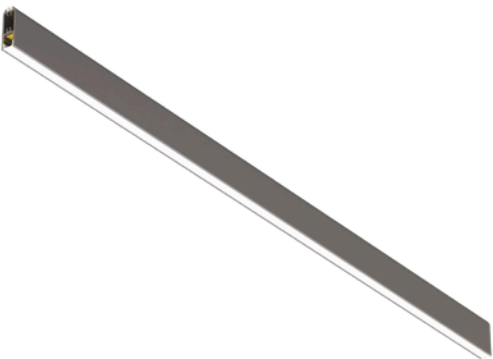
LINEAR LIGHTS

24V

monochrome (2-pin), wardrobe linear light
PL4006



- HIGH CRI **93**
- HIGHEST LUMINOUS FLUX
- CUT-TO-SIZE
- PLUG AND PLAY SYSTEM

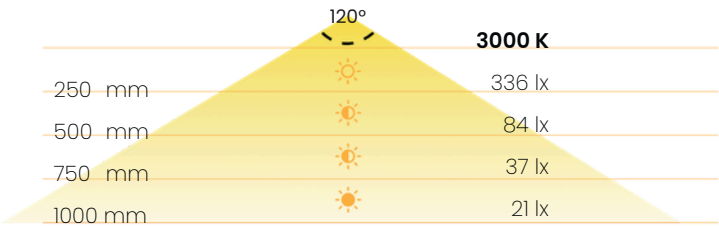
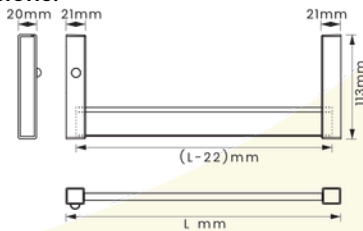


Material	aluminum
Surface finish	grey
Kind of LED	COB
Dimmable	no
Degree of protection	IP20
Lifetime L80/B10	>50.000 h
Lifetime L70/B50	>80.000 h
Installation	surface mounting
Scope of delivery	1 linear light

The wardrobe light is an illuminated clothes rail. Light is switched via motion sensor automatically when movement is detected. Max. load capacity of wardrobe light is 20kg.

PL4006 features an **integrated switch** that turns the light on when movement is detected. To ensure that the switch can also switch the light on when the driver is switched off, the light must be **connected to an uncontrolled output port of the driver**.

Dimensions:

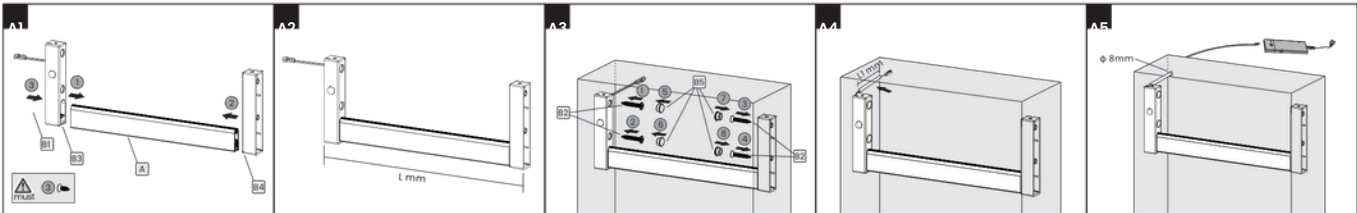


PL4006

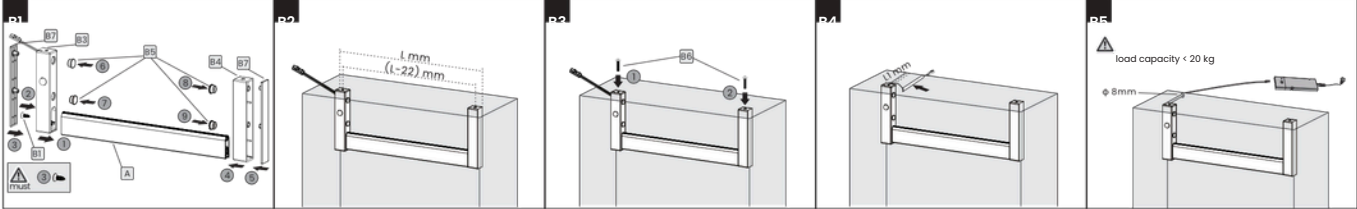
Number of LEDs	Wattage	Luminous flux	Lumen efficacy	Colour Rendering Index	Colour temperature	Colour system	Energy efficiency class	Customized size	Dimensions (L x W x H)	Article number
LEDs/m	W/m	lm/m	lm/W	Ra R9	K		EEL		mm	
320	5	96	19	93 >50	3000	monochrome		cut-to-size freely	3000 x 21 x 113	201.10.22.011

Installation diagram:

Side installation



Top installation



Beam angle:

down and back



ORDER INFO: Accessories for installation need to be ordered separately.



Accessories set incl. support, connecting cable 2 m and motion sensor

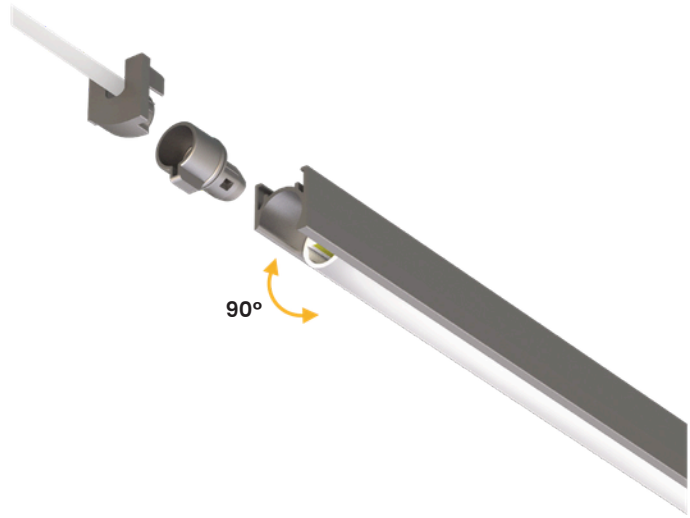
150.10.00.006

LINEAR LIGHTS

 24V
multiwhite (2-pin), under cabinet
PL4007



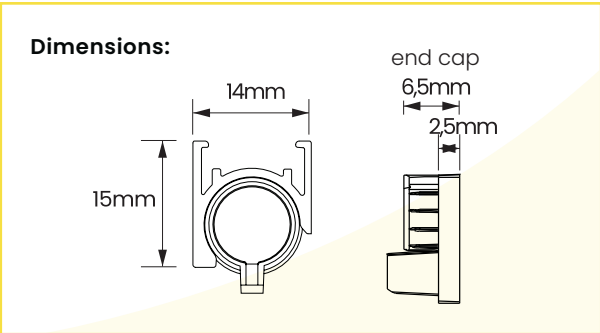
- HIGH CRI **93**
- HIGH LUMINOUS FLUX
- **90°** TURNABLE LIGHT BEAM



Material	aluminum
Surface finish	grey
Kind of LED	COB
Dimmable	yes
Degree of protection	IP20
Lifetime L80/B10	>50.000 h
Lifetime L70/B50	>80.000 h
Installation	surface mounting + clip
Scope of delivery	3 clips / m needed 1 linear light

 The light can be **turned up to 90°** within the profile. Simply turn the pin to adjust to the desired position.

 **ORDER INFO:**
Accessories for installation need to be ordered separately, please refer to the right.

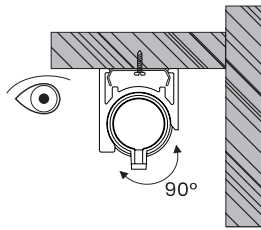
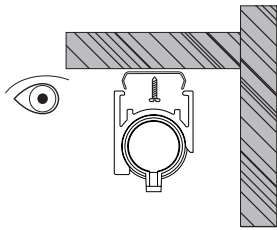


	120°	2700 K	5000 K	3000 K	4000 K
250 mm		585 lx	787 lx	650lx	715 lx
500 mm		270 lx	363 lx	300 lx	330 lx
750 mm		144 lx	194 lx	160 lx	176 lx
1000 mm		72 lx	97 lx	80 lx	88 lx

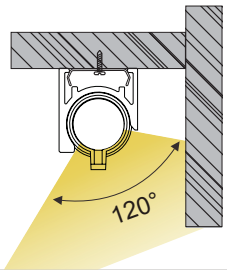
PL4007

Number of LEDs	Wattage	Luminous flux	Lumen efficacy	Colour Rendering Index CRI		Colour temperature	Colour system	Energy efficiency class	Customized size	Dimensions (L x W x H)	Article number
LEDs/m	W/m	lm/m	lm/W	Ra	R9	K		EEL		mm	
640	5	375	75	93	>50	2700 - 5000	multiwhite		 cut-to-size freely	3000 x 15 x 14	201.11.22.005

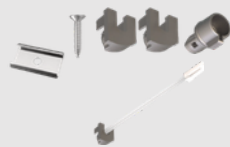
Installation diagram:



Beam angle:



ORDER INFO



Accessories set for surface mounting incl. connecting cable 2 m, 9 clips and 1 set end caps

201.99.22.001

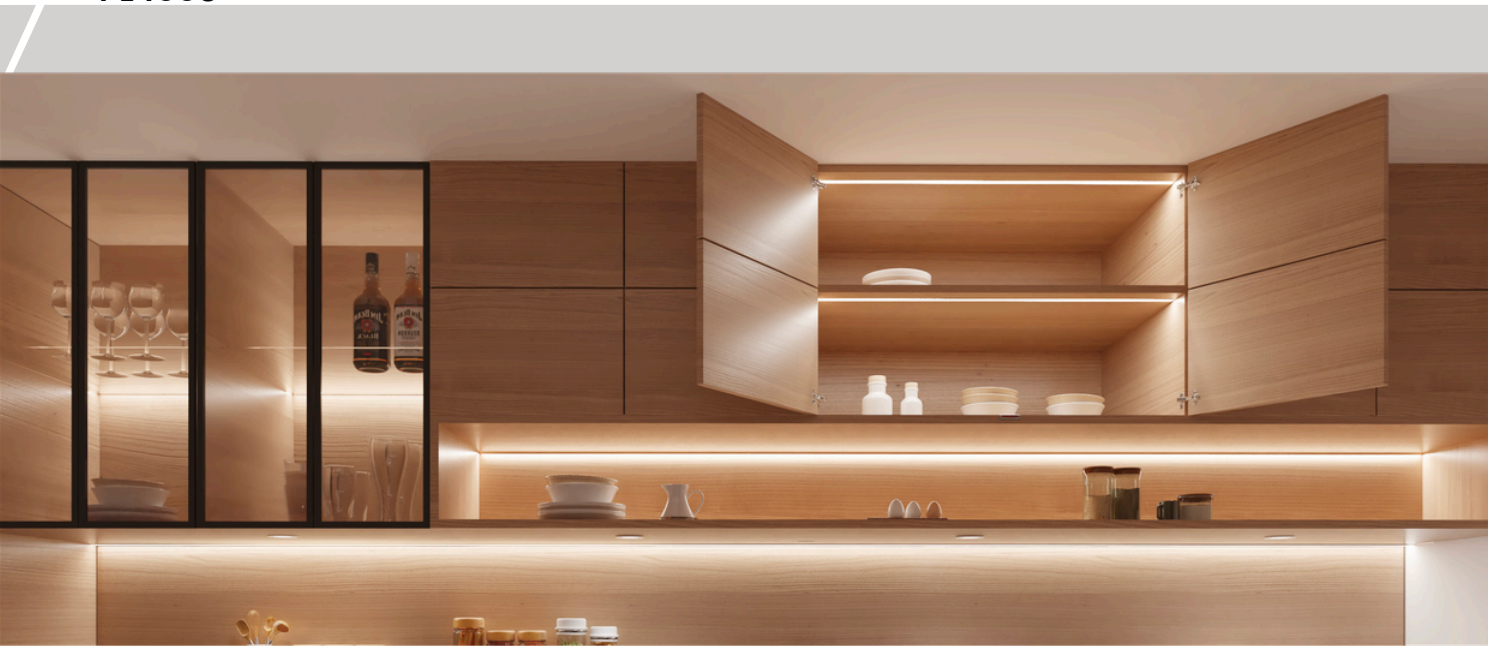
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LINEAR LIGHTS

 24V
multiwhite (2-pin), under cabinet
PL4008



- HIGH CRI **93**
- HIGH LUMINOUS FLUX
- **90°** TURNABLE LIGHT BEAM

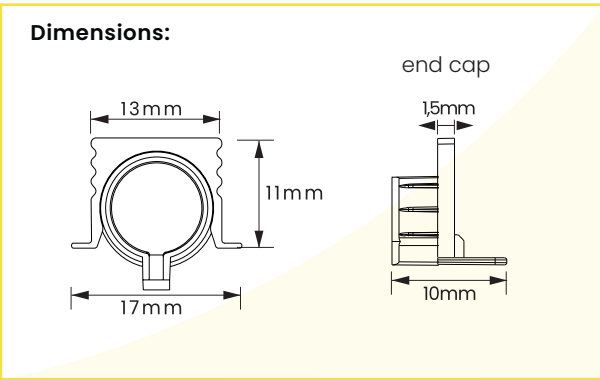


Material	aluminum
Surface finish	grey
Kind of LED	COB
Dimmable	yes
Degree of protection	IP20
Lifetime L80/B10	>50.000 h
Lifetime L70/B50	>80.000 h
Installation	recessed mounting + clip
Scope of delivery	3 clips / m needed 1 linear light

 The light can be **turned up to 90°** within the profile. Simply turn the pin to adjust to the desired position.

 **ORDER INFO:**
Accessories for installation need to be ordered separately, please refer to the right.

Dimensions:



end cap

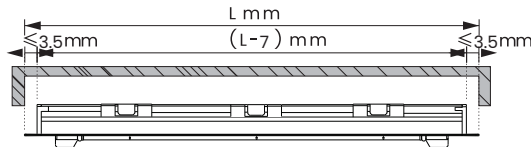
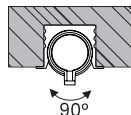
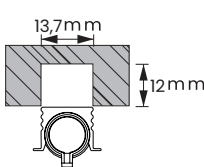
Dimensions	Value
Top width	13mm
Bottom width	17mm
Height	11mm
End cap height	15mm
End cap width	10mm

	120°	2700 K	5000 K	3000 K	4000 K
250 mm		585 lx	787 lx	650lx	715 lx
500 mm		270 lx	363 lx	300 lx	330 lx
750 mm		144 lx	194 lx	160 lx	176 lx
1000 mm		72 lx	97 lx	80 lx	88 lx

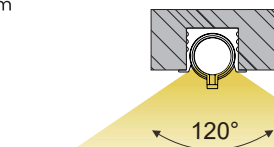
PL4008

Num-ber of LEDs	Wat-tage	Lumi-nous flux	Lumen efficacy	Colour Rende-ring CRI	Index	Colour tempe-rature	Colour system	Energy efficiency class	Customi-zed size	Dimensions (L x W x H)	Drill hole (W x H)	Article number
LEDs/m	W/m	lm/m	lm/W	Ra	R9	K		EEL		mm	mm	
640	5	375	75	93	>50	2700 - 5000	multiwhite		 cut-to-size freely	3000 x 17 x 11	14 x 12	201.11.22.006

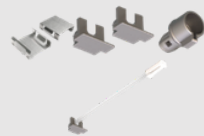
Installation diagram:



Beam angle:



ORDER INFO



Accessories set for recessed mounting incl. connecting cable 2 m, 9 clips and 1 set end caps

201.99.22.003

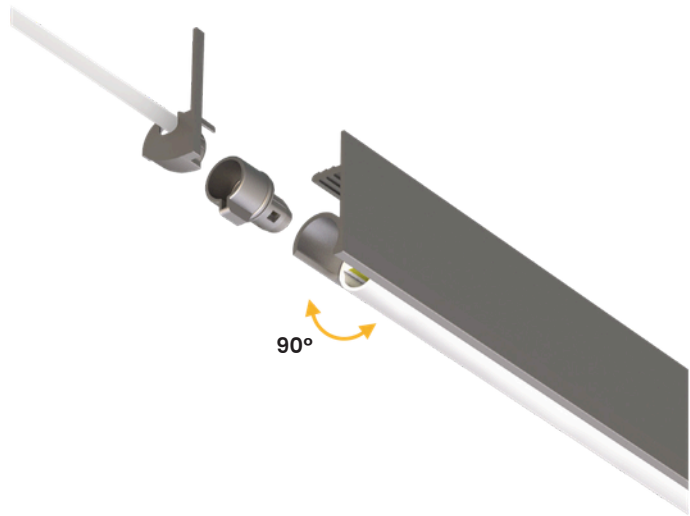
www.floridakitchenatelier.com

LINEAR LIGHTS

 24V
multiwhite (2-pin), under cabinet
PL4009



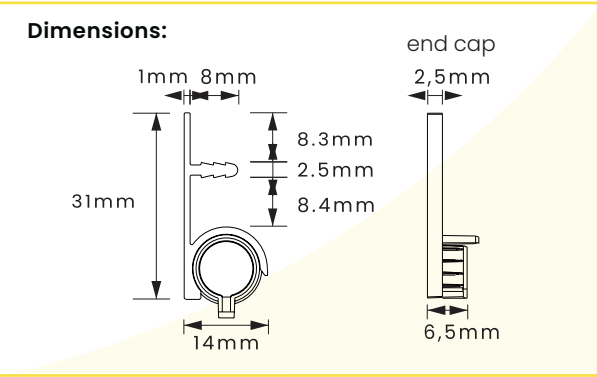
- HIGH CRI **93**
- HIGH LUMINOUS FLUX
- **90°** TURNABLE LIGHT BEAM



Material	aluminum
Surface finish	grey
Kind of LED	COB
Dimmable	yes
Degree of protection	IP20
Lifetime L80/B10	>50.000 h
Lifetime L70/B50	>80.000 h
Installation	recessed mounting
Scope of delivery	1 linear light

 The light can be **turned up to 90°** within the profile. Simply turn the pin to adjust to the desired position.

 **ORDER INFO:**
Accessories for installation need to be ordered separately, please refer to the right.

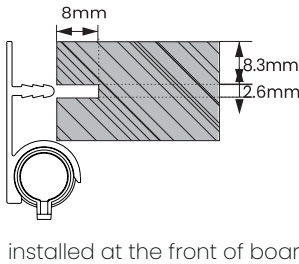


		2700 K	5000 K	3000 K	4000 K
250 mm		585 lx	787 lx	650lx	715 lx
500 mm		270 lx	363 lx	300 lx	330 lx
750 mm		144 lx	194 lx	160 lx	176 lx
1000 mm		72 lx	97 lx	80 lx	88 lx

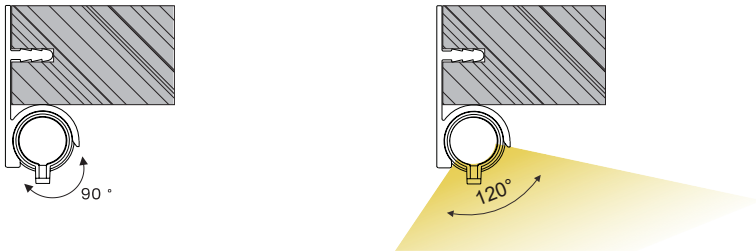
PL4009

Num-ber of LEDs	Wat-tage	Lumi-nous flux	Lumen efficacy	Colour Rende-ring CRI	Index	Colour tempe-rature	Colour system	Energy efficiency class	Customi-zed size	Dimensions (L x W x H)	Drill hole (W x H)	Article number
LEDs/m	W/m	lm/m	lm/W	Ra	R9	K		EEI		mm	mm	
640	5	375	75	93	>50	2700 - 5000	multiwhite		 cut-to-size freely	3000 x 14 x 31	2,6 x 8	201.II.22.007

Installation diagram:



Beam angle:



ORDER INFO



Accessories set for recessed mounting incl. connecting cable 2 m and 1 set end caps 201.99.22.002

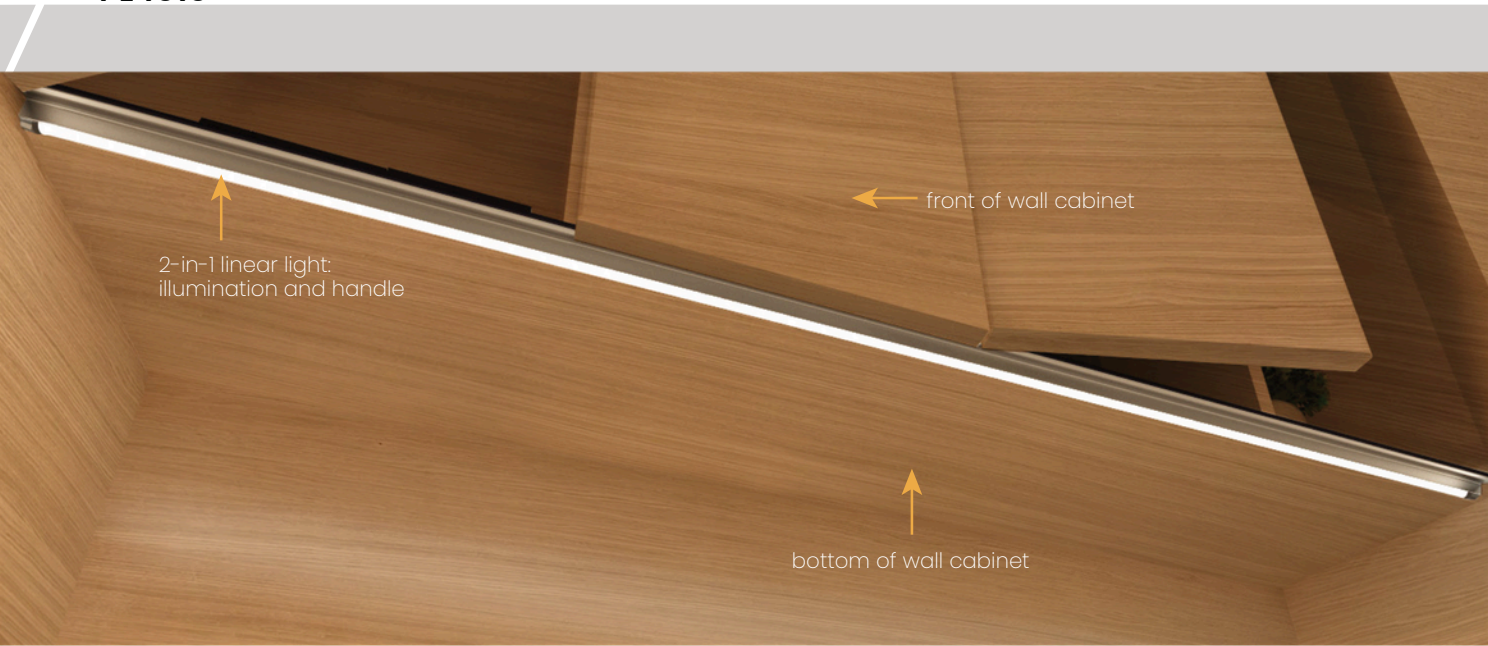
www.floridakitchenatelier.com

LINEAR LIGHTS

 24V
multiwhite (2-pin), under cabinet
PL4010



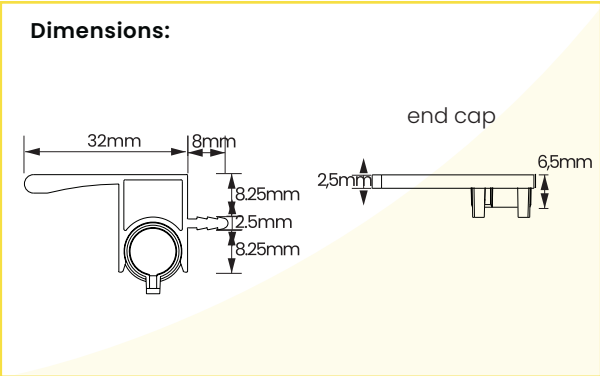
- HIGH CRI **93**
- HIGH LUMINOUS FLUX
- **90°** TURNABLE LIGHT BEAM



Material	aluminum
Surface finish	grey
Kind of LED	COB
Dimmable	yes
Degree of protection	IP20
Lifetime L80/B10	>50.000 h
Lifetime L70/B50	>80.000 h
Installation	recessed mounting
Scope of delivery	1 linear light

 The light can be **turned up to 90°** within the profile. Simply turn the pin to adjust to the desired position.

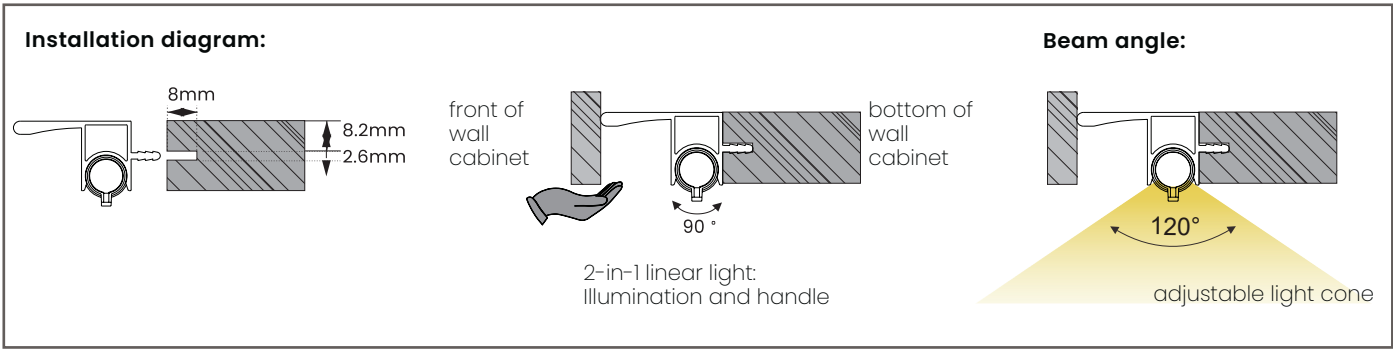
 **ORDER INFO:**
Accessories for installation need to be ordered separately, please refer to the right.



	120°	2700 K	5000 K	3000 K	4000 K
250 mm		585 lx	787 lx	650lx	715 lx
500 mm		270 lx	363 lx	300 lx	330 lx
750 mm		144 lx	194 lx	160 lx	176 lx
1000 mm		72 lx	97 lx	80 lx	88 lx

PL4010

Num-ber of LEDs	Wat-tage	Lumi-nous flux	Lumen efficacy	Colour Rende-ring CRI	Index	Colour tempe-rature	Colour system	Energy efficiency class	Customi-zed size	Dimensions (L x W x H)	Drill hole (W x H)	Article number
LEDs/m	W/m	lm/m	lm/W	Ra	R9	K		EEL		mm	mm	
640	5	375	75	93	>50	2700 - 5000	multiwhite		 cut-to-size freely	3000 x 19 x 40	2,6 x 8	201.11.22.008



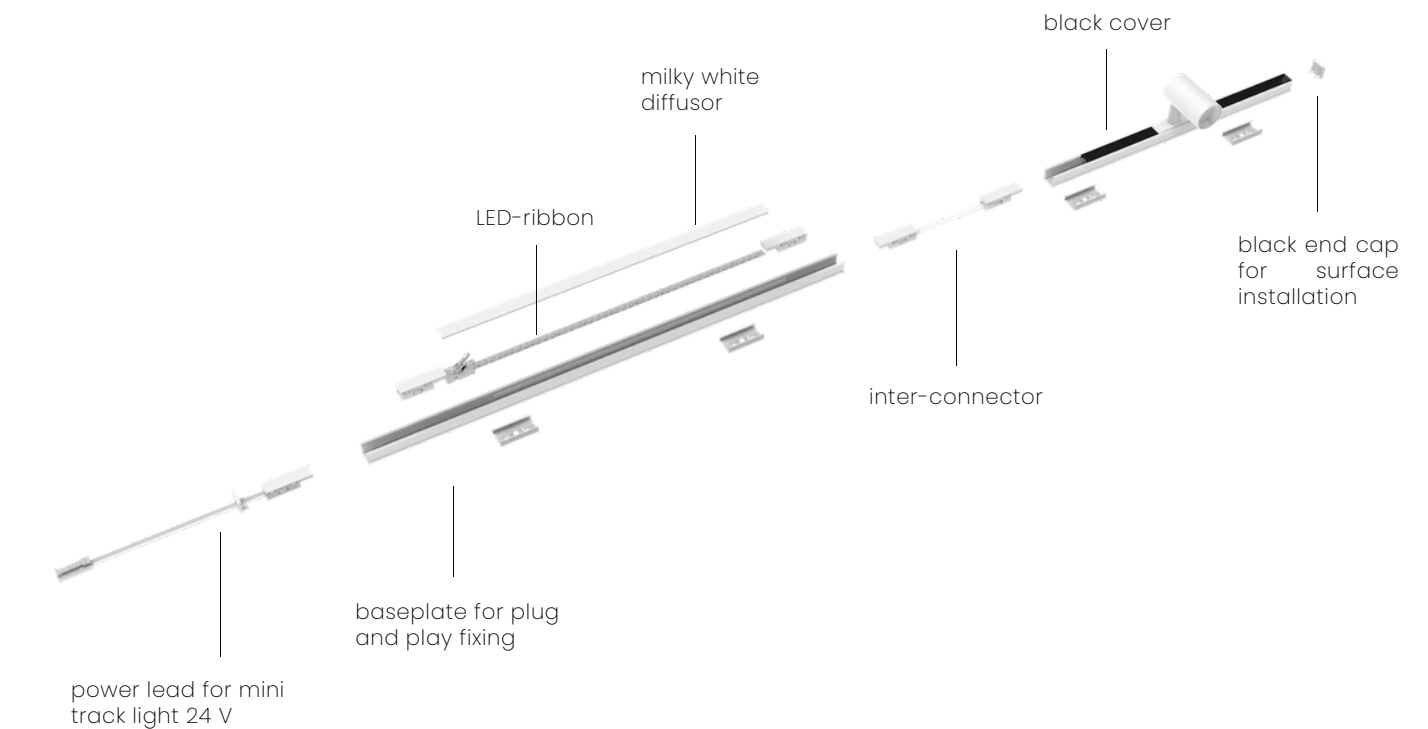
ORDER INFO
 Accessories set for recessed mounting incl. connecting cable 2 m and 1 set end caps 201.99.22.002

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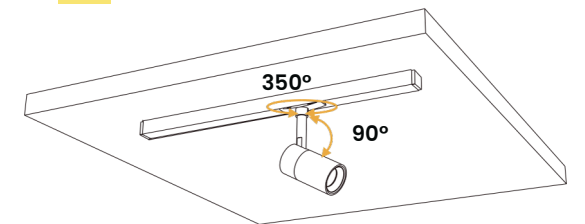
Highlight painting & pictures,
objects in furniture and
inside rooms



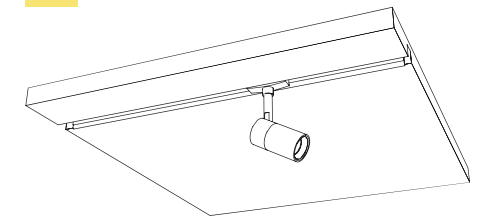
MINI TRACK LIGHTS



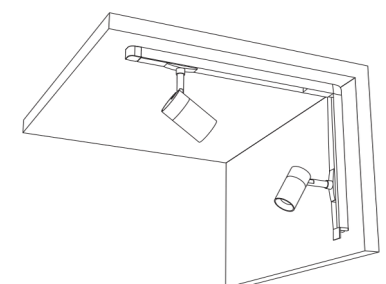
A1 surface mounted installation



A2 recessed mounted installation



A3 90° inward facing corner installation



90° corner
connector

electrified
recessed
mounted
track

www.floridakitchenatelier.com

MINI TRACK LIGHTS

24V

track 15 x 10 mm / 10 x 10 mm

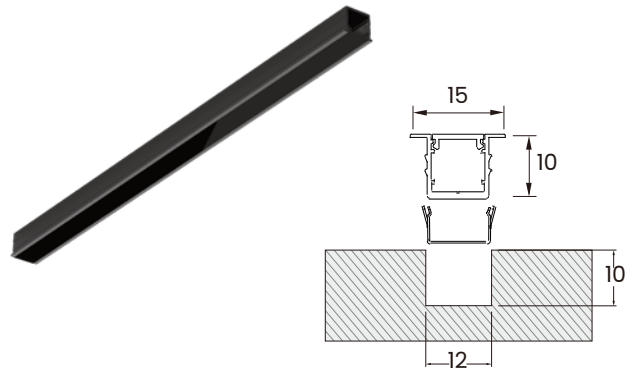
TL4002 / TL4003



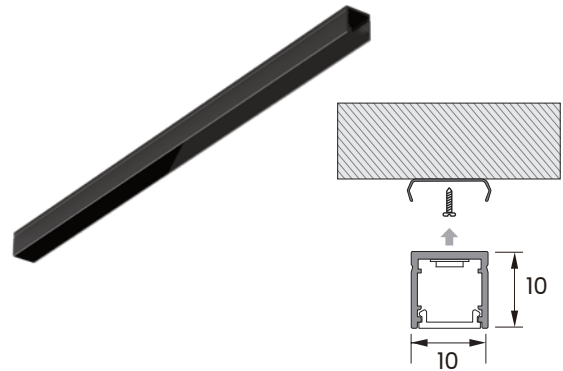
- ULTRA SLIM SYSTEM
- MODULAR SYSTEM



TL4002 recessed mounted



TL4003 surface mounted



Material	aluminum rail & plastic cover
Surface finish	rail & cover black
Dimensions (L x W x H)	TL4002: 3000 x 15 x 10 mm TL4003: 3000 x 10 x 10 mm
Drill hole (TL4002)	12 x 10 mm
Dimmable	yes (if illuminated)
Degree of protection	yes (if illuminated)
Scope of delivery	IP20
Article number	1 track 3 m

ORDER INFO:
incl. black cover
Accessories for installation (TL4002) ordered separately, please refer to the right.
208.19.21.001 (TL4002)
208.19.21.002 (TL4003)

ORDER INFO:
Driver (integrated or smart) must be ordered separately (ref. p. 071).

ORDER INFO:
For illuminated track order LED-ribbon and milky white diffuser separately, please refer to the right.

ORDER INFO:
For illuminated SMD LED-ribbons please check LED-ribbon cutting (section) length.

ORDER INFO		
	1 power lead 24V, 2000 mm	204.99.21.001
	1 flexible inter-connector 24V, 20 mm for systems >3 m or inward facing corners	204.99.21.002
	5 pairs ribbon & inter-connector (both sides) for monochrome LED-ribbons 24V, 5 mm (width)	204.99.21.007
	90° corner connector 24V (5 pcs)	204.99.21.006
	1 pair end caps for recessed mounted track + 9 installation clips	204.99.21.004
	1 pair end caps for surface mounted track + 9 installation clips	204.99.21.005
	Milky white diffuser 1000 x 8 x 3 mm, transmittance 80% (5 pcs) for illuminated track	204.99.00.001
TL4001	Spot 24V, 1 W, 160 lm, MC 4000K (ref. p. 051)	204.10.21.002
TL4005	Spot 24V, 3 W, 450 lm, MC 4000K (ref. p. 051)	204.10.21.004

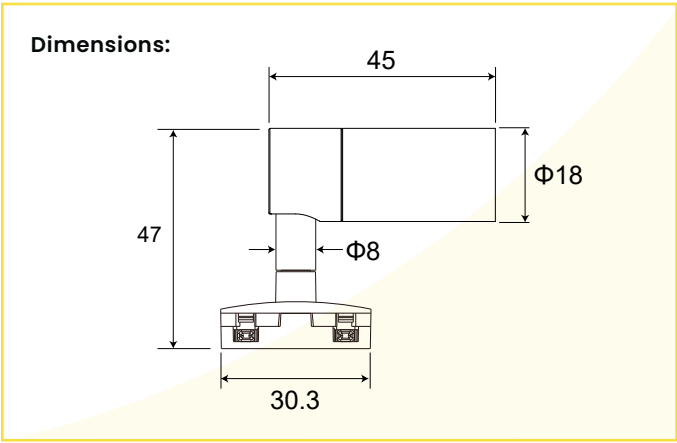
MINI TRACK LIGHTS

 24V
spot, monochrome (2-pin), Ø 18 x 45 x 47 mm



- HIGH CRI **93**
- **TURNABLE** HEAD
- BEAM ANGLE **25°**

TL4001 / TL4005



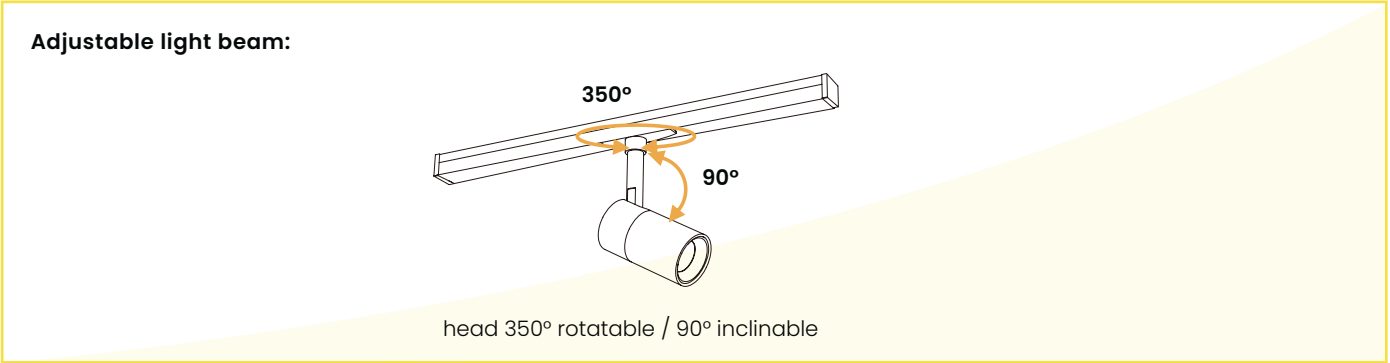
Material	aluminum
Surface finish	black
Dimensions	Ø 18 x 38 x 47 mm
Dimmable	Ø 18 x 45 x 47 mm
Degree of protection	yes
Lifetime L80/B10	IP20
Lifetime L70/B50	> 50.000 h
Installation	> 80.000 h
Scope of delivery	clip-in
	1 spot

-  Calculate the total wattage requirement of the system and select a suitable driver.
-  Plug and play inside mini track light by clip-in installation of spots.
-  Accentuated lighting thanks to narrow beam angle of 25°. Particularly suitable for highlighting individual objects.

TL4001 / TL4005

Wattage	Luminous flux	Lumen efficacy	Colour Rendering Index CRI		Colour temperature	Colour system	Energy efficiency class	Article number
W	lm	lm/W	Ra	R9	K		EEL	
TL4001								
1	135	135	93	>50	4000	monochrome		204.10.21.002
TL4005								
3	390	130	93	>50	4000	monochrome		204.10.21.004

TL4001		25°	3000 K	4000 K	TL4005		25°	3000 K	4000 K
250 mm			3344 lx	3040 lx	250 mm			13024 lx	7200 lx
500 mm			836 lx	760lx	500 mm			3256 lx	1800 lx
750 mm			372 lx	338 lx	750 mm			1447 lx	800 lx
1000 mm			203 lx	190 lx	1000 mm			814 lx	450 lx





SHOWCASE LIGHTS

FLORIDA
KITCHEN
Atelier
— DESIGN • CRAFT • INSTALLATION —

SHOWCASE LIGHTS

24V

mini spot light, monochrome (2-pin), Ø 18 mm
SC4000



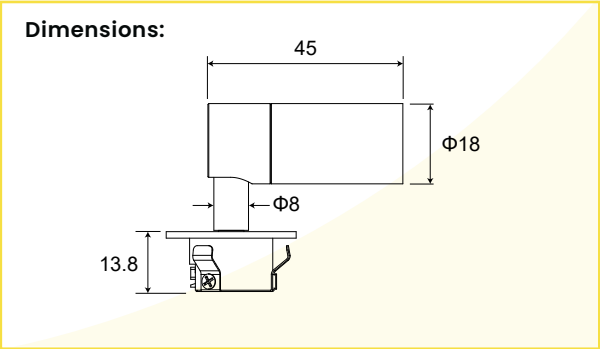
- HIGH CRI **93**
- HIGH LUMINOUS FLUX
- BEAM ANGLE **25°**



head 350° rotatable / 90° inclinable

Material	aluminum
Surface finish	black
Dimensions	Ø 18 x 45 x 43.2 mm
Drill hole	Ø 25 x 13 mm
Dimmable	yes
Degree of protection	IP20
Lifetime L80/B10	> 50.000 h
Lifetime L70/B50	> 80.000 h
Installation	recessed mounting
Scope of delivery	1 light incl. connecting cable 2 m

i Accentuated lighting thanks to narrow beam angle of 25°. Particularly suitable for highlighting individual objects.

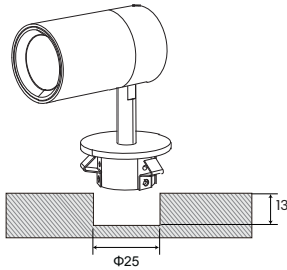


	3000 K	4000 K
250 mm	8256 lx	8464 lx
500 mm	2064 lx	2116 lx
750 mm	917 lx	940 lx
1000 mm	516 lx	529 lx

SC4000

Wattage	Luminous flux	Lumen efficacy	Colour Rendering Index CRI		Colour temperature	Colour system	Energy efficiency class	Article number
W	lm	lm/W	Ra	R9	K		EEL	
3	390	130	93	>50	4000	monochrome		205.10.21.002

Installation diagram:



www.floridakitchenatelier.com

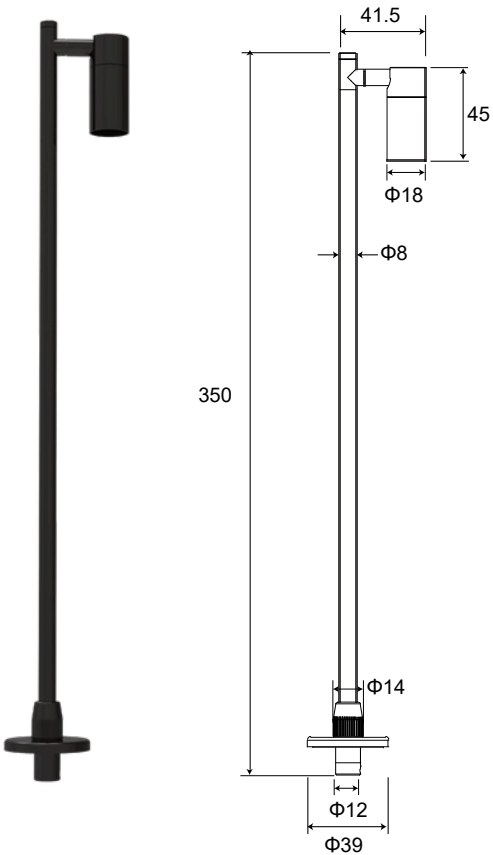
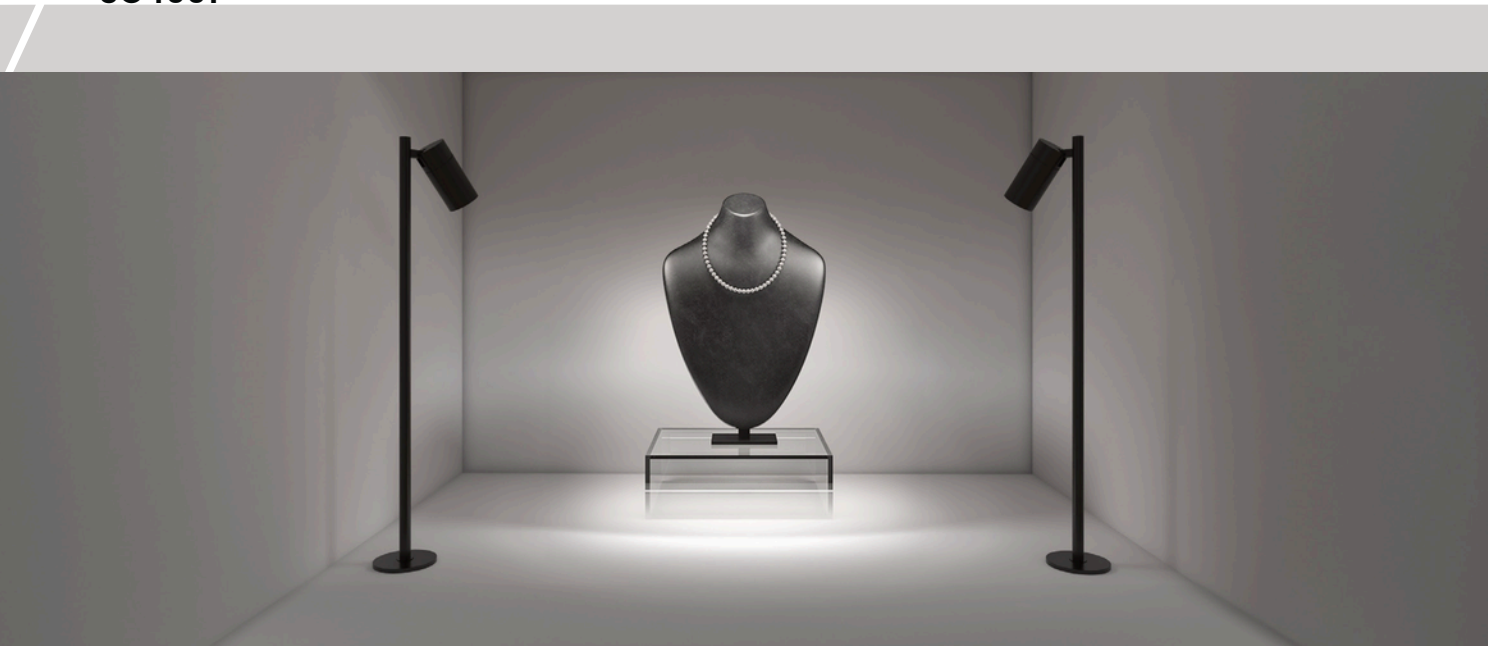
SHOWCASE LIGHTS

24V

pole light, monochrome (2-pin), Ø 18 x 45 x 350 mm
SC4001



- HIGH CRI **93**
- HIGH LUMINOUS FLUX
- BEAM ANGLE **25°**



Material	aluminum
Surface finish	black
Dimensions	Ø 18 x 45 x 350 mm
Drill hole	Ø 14 mm
Dimmable	yes
Degree of protection	IP20
Lifetime L80/B10	> 50.000 h
Lifetime L70/B50	> 80.000 h
Installation	recessed mounting
Scope of delivery	1 light incl. connecting cable 2 m

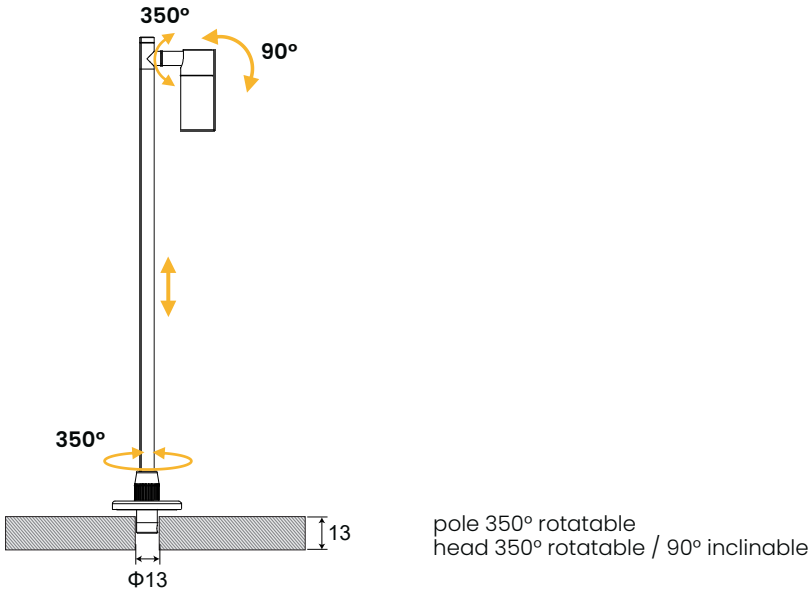
i Accentuated lighting thanks to narrow beam angle of 25°. Particularly suitable for highlighting individual objects.

	25°	3000 K	4000 K
250 mm		9099 lx	8272 lx
500 mm		2275 lx	2068 lx
750 mm		1011 lx	919 lx
1000 mm		569 lx	517 lx

SC4001

Wattage	Luminous flux	Lumen efficacy	Colour Rendering Index CRI		Colour temperature	Colour system	Energy efficiency class	Article number
W	lm	lm/W	Ra	R9	K		EEL	
3	390	130	93	>50	4000	monochrome		205.10.21.004

Installation diagram:



www.floridakitchenatelier.com

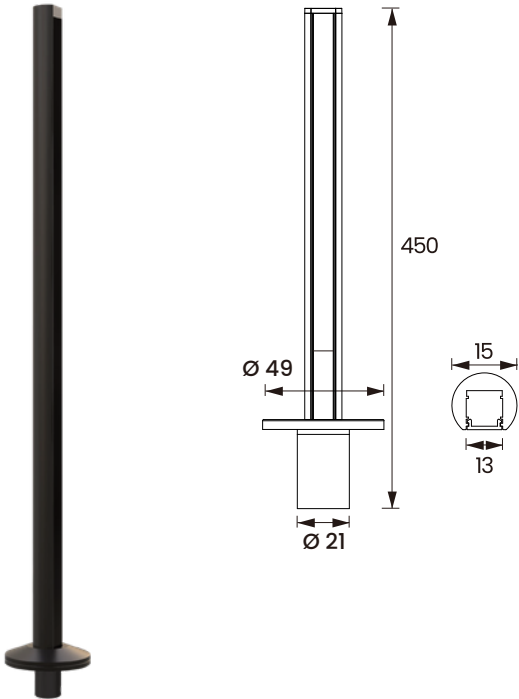
SHOWCASE LIGHTS

24V

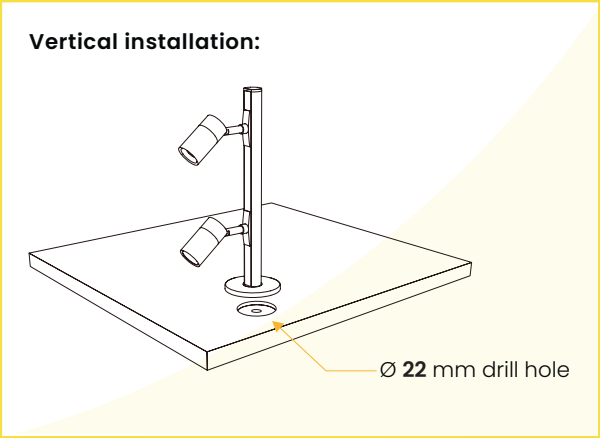
track, vertical mounted, 15 x 13 mm

TL4004

- VERTICAL INSTALLATION
- MODULAR SYSTEM



Material	aluminum rail & plastic cover
Surface finish	black rail & cover
Dimensions (L x W x H)	450 x 15 x 13 mm
Drill hole	Ø 22 mm
Degree of protection	IP20
Installation	recessed mounted
Scope of delivery	1 track incl. black cover, connecting cable, installation base and end cap
Article number	208.19.21.003
ORDER INFO: Spots need to be ordered separately, please refer to the right.	



ORDER INFO			
TL4001		Spot 24V, 1 W, 160 lm, MC 4000K (ref. p. 051)	204.10.21.002
TL4005		Spot 24V, 3 W, 450 lm, MC 4000K (ref. p. 051)	204.10.21.004

SWITCHES

overview

SMART SENSOR

- battery-powered
- wireless (Bluetooth)

control by swiping in front	page 063
control by swiping on top	page 063
control by opening / closing door	page 063
control by touching	page 063

WIRED SENSOR

control by swiping	page 065
control by opening / closing door	page 065
control by touching	page 065
control by motion detection (microwave)	page 065

WIRED STICK SENSOR

control by opening / closing door	page 067
control by touching	page 067

REMOTE CONTROL

- battery-powered
- wireless (Bluetooth)

remote control	page 069
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MULTIPLE SWITCH UNIT

multiple switch unit	page 070
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MEANING OF ICON



swipe to control

- soft on / off
- dimming



open / close (single) door to control

- soft on / off



open / close (dual) door to control

- soft on / off



touch to control

- soft on / off
- dimming

CONNECTION OF WIRED SWITCHES



SWITCHES

SMART SENSOR

3V

wireless, battery-powered
BS3000



1/control by swiping in front



- infrared sensor
- touchless
- example for application: Kitchen cabinet, undermount installation, swipe in front (0-9 cm) to control soft on/off and dim brightness by distance of hand to switch.

2/control by swiping on top



- infrared sensor
- touchless
- example for application: Kitchen, recessed in worktop, swipe on top (0-9 cm) to control soft on/off and dim brightness by distance of hand to switch.

3/control by opening / closing door



- infrared sensor
- touchless
- switch controls two doors
- example for application: Inside a cabinet, light turns on/off automatically by opening/closing the door.

4/control by touching



- example for application: Recessed or surface mounted on wall, touch to control soft on/off and dimming.

Material / colour	plastic / grey
Dimensions (L x W x H)	43 x 43 x 8,5 mm
Degree of protection	IP20
Network signal	Bluetooth
Signal range	6 m
Power consumption	0,015 W
Battery	1x CR2450, 3V DC
Battery lifetime	1-2 years
Installation	screw fixing, recessed
Drill hole (L x W x H)	or surface mounting 46,3 x 45,1 x 10,0 mm
Scope of delivery	1 switch incl. base for recessed mounting

Smart sensor switches can only be operated **in conjunction with smart drivers / control unit**. Please check on the right which control units are suitable for which switches.

SIGNAL RANGE:

Direct range from switch to driver / control unit: 6 m. However, the signal is passed from device to device within the Bluetooth mesh and thereby increases the mesh signal range.

ORDER INFO:

Base for surface mounting needs to be ordered separately, please see below.

Base for surface mounting

art. no. 122.00.02.007

Installation: (recessed)

BS3000

	Control method	Switching function	Detection range mm	Memory function	Article number
1	control by swiping in front	on / off soft, dimming	0-90	yes	122.00.02.001
2	control by swiping on top	on / off soft, dimming	0-90	yes	122.00.02.003
3	control by opening / closing door	on / off soft	0-70	no	122.00.02.002
4	control by touching	on / off soft, dimming	0	yes	122.00.02.004

MEMORY FUNCTION:

When the light is switched on, it has the same setting as when it was last switched of.

ORDER INFO		
smart sensor switch	compatible control units (art. no.)	details (refer to page)
1 control by swiping in front	110.10.01.001 110.11.01.001	079
2 control by swiping on top		
3 control by opening / closing door		
4 control by touching		
5 control by touching (incl. colour temp.)	111.11.01.001	079

Dimensions:

base for recessed mounting (inner and outer dimensions)

base for surface mounting

WIRED SENSOR SWITCHES

12/24 V

wired
WS3000

1/control by swiping



- infrared sensor
- touchless
- example for application: Kitchen cabinet, undermount installation, swipe in front (0-9 cm) to control soft on/off and dim brightness by distance of hand to switch.

2/control by opening / closing door



- infrared sensor
- touchless
- switch controls two doors
- example for application: Inside a cabinet, light turns on/off automatically by opening/closing the door.

3/control by touching



- example for application: Surface mounted on wall, touch to control soft on/off and dimming.

4/control by motion detection



- microwave sensor
- detection range: 0-3 m
- run-on time: 30 sec
- example for application: Install the switch concealed inside a cabinet. The light is switched on automatically when the sensor detects movement within its detection range.

Material / colour	plastic / black
Dimensions (L x W x H)	30,6 x 29,6 x 10 mm
Cable length	2 m
Degree of protection	IP20
Power consumption	0,1 W
Installation	screw fixing, surface mounting
Scope of delivery	1 switch incl. connecting cable 2 m and mounting base

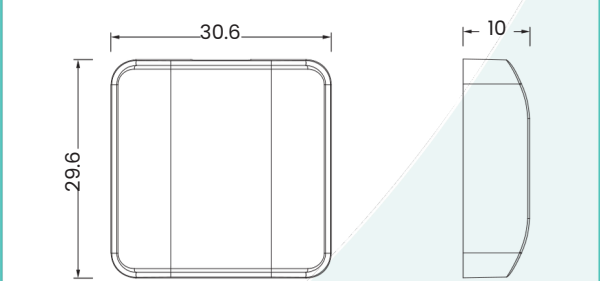


Wired sensor switches can **only be operated with integrated drivers.** Compatible to all integrated drivers (see page 071).

PIR / MICROWAVE SENSOR:

Both PIR and microwave sensors are designed to detect the movement of warm objects (such as people) that move through the sensor's field of view. The difference is that microwave sensors can also detect movement through glass or other thin materials and can therefore be concealed.

Dimensions:



WS3000

	Control method	Switching function	Detection range mm	Memory function	Article number
1	control by swiping	on / off soft, dimming	0-90	yes	121.00.01.003
2	control by opening / closing door	on / off soft	0-70	no	121.00.01.002
3	control by touching	on / off soft, dimming	0	yes	121.00.01.001
4	control by motion detection	on / off soft	0-3000	30 sec run-on time	121.00.01.004



MEMORY FUNCTION:

When the light is switched on, it has the same setting as when it was last switched off.



MICROWAVE SENSOR:

can detect movement also through thin materials and so can be concealed.

switch is located inside the cabinet









CONNECTION OF WIRED SWITCHES:

Wired switches have to be connected to the switch connections of driver. The lights are connected to the connected output ports of driver. The lights are controlled via the driver using the switches.

STICK SENSOR SWITCHES

12/24 V

wired
WS3001

1/control by touching



- **example for application:**
Recessed or surface mounted, touch to control soft on/off and dimming.

2/control by opening / closing door



- **infrared sensor**
- **touchless**
- **switch controls single door**
- **example for application:**
Inside a cabinet, light turns on/off automatically by opening/closing the door.

Material / colour	plastic / grey
Cable length	2 m
Degree of protection	IP20
Power consumption	0,1 W
Installation	recessed or surface mounting
Scope of delivery	1 switch incl. connecting cable 2 m

Stick sensor switches can only be operated with integrated drivers. Compatible to all integrated drivers (see page 071).

ORDER INFO: Base for surface mounting needs to be ordered separately, please refer to the right.

Dimensions:

1

2

Base for surface mounting

WS3001

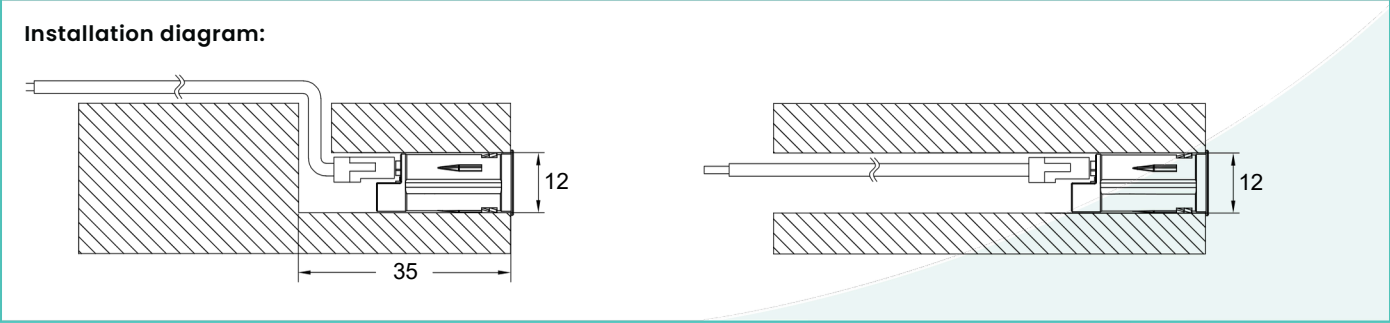
Control method	Switching function	Detection range	Dimensions	Drill hole	Memory function	Article number
		mm	(Ø x depth) mm	(Ø x depth) mm		
1 control by touching	on / off soft, dimming	0	13,5 x 26,4	12 x 35	yes	121.00.02.001
2 control by opening / closing door	on / off soft	0-70	13,5 x 26,4	12 x 35	no	121.00.02.003

MEMORY FUNCTION: When the light is switched on, it has the same setting as when it was last switched off.

ORDER INFO:

Base for surface mounting

129.00.02.001



CONNECTION OF WIRED SWITCHES: Wired switches have to be connected to the switch connections of driver. The lights are connected to the connected output ports of driver. The lights are controlled via the driver using the switches.

REMOTE CONTROL

3V

wireless, battery-powered
BS3001



4 channels to control different lights:

- soft on/off
- dimming brightness
- stepless tune of colour temperature (CCT)
- adjust RGB colours



Material / colour	plastic / black
Dimensions (L x W x H)	130 x 40 x 13mm
Degree of protection	IP20
Network signal	Bluetooth
Signal range	6 m
Power consumption	0.015 W
Battery	1x CR2450, 3V DC
Battery lifetime	2 years
Scope of delivery	1 remote control

Remote control can only be operated in conjunction with smart drivers / control unit. Compatible with all control units (see page 071).

SIGNAL RANGE:

Direct range from remote control to driver / control unit: 6 m. However, the signal is passed from device to device within the Bluetooth mesh and thereby increases the mesh signal range.

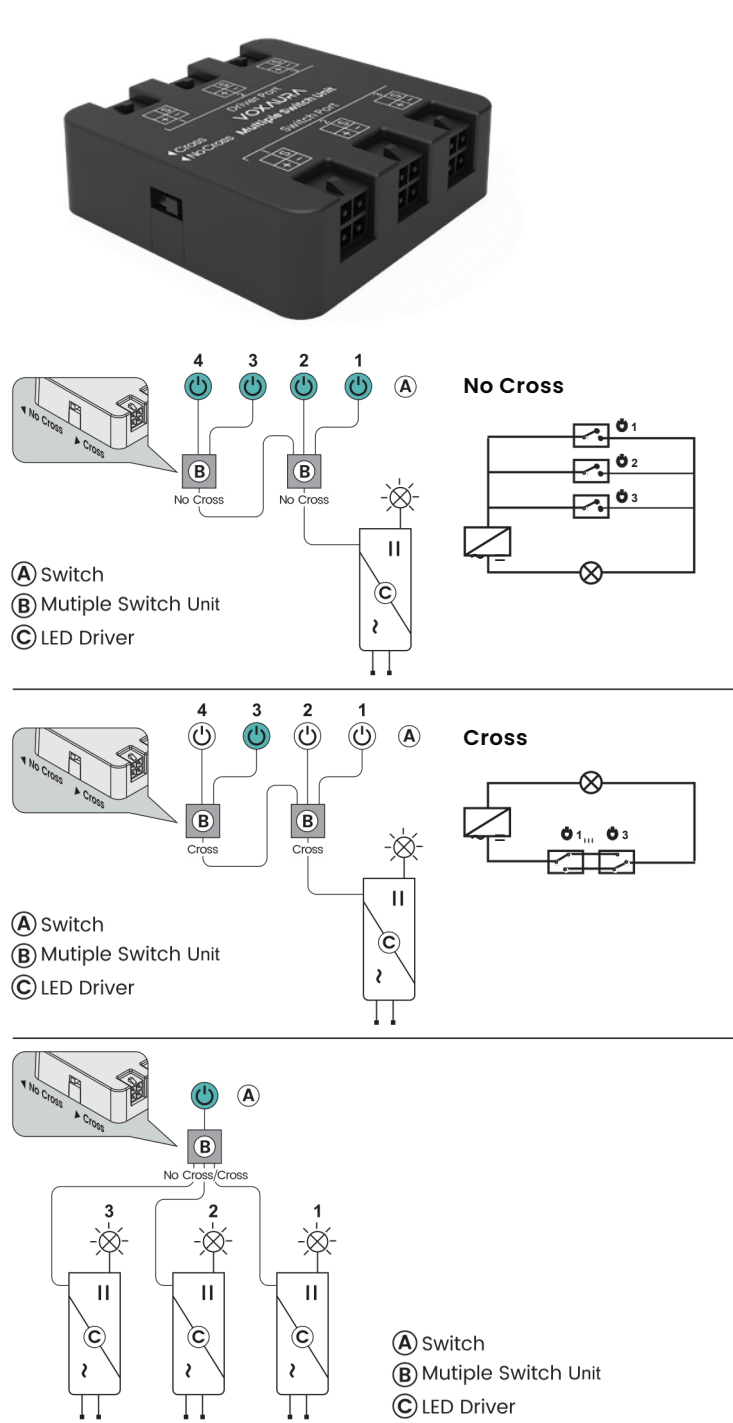
Control method	Switching function	Controlled colour systems	Article number
remote control	soft on/off dimming brightness stepless tune of colour temperature (CCT) adjust RGB colours	multiwhite RGB RGB-multiwhite	123.00.01.001

MULTIPLE SWITCH UNIT

12/24V

wired

WS3002



Material / colour	plastic / black
Features	3 sockets for integrated drivers, 3 sockets for wired sensor switches
Degree of protection	IP20
Power consumption	0,1 W
Cable length	1 m
Installation	surface mounting, self-adhesive
Scope of delivery	1 multiple switch unit incl. tape and 3 connecting cables

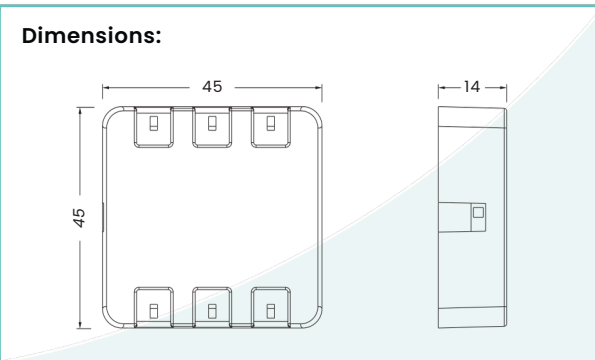
Multiple switch unit can **only be operated in conjunction with integrated drivers** (see page 071) and wired sensor switches (see page 105 and 079).

The multiple switch unit is used **to connect up to three integrated drivers** and

max. three wired sensor switches to enable mixed control of multiple LED lights. Connected integrated drivers are controlled at the same time by wired sensor switches that can be installed at different places.

Two operating modes using the integrated switch:

- **Cross:** Switching on / off at alternating switches
- **No cross:** Switching on by switch 1, 2 or 3. Switching off by pressing all switched-on switches again.



Control method	Switching function	Dimensions (L x W x H)	Article number
12V/24V Multiple switch unit	depend on switches	45 x 45 x 14 mm	125.00.01.001

POWER SUPPLY



POWER SUPPLY

 24V

overview

SMART-DRIVERS

SD4060	100-120 V AC	25 W	15 mm	page 073
	100-120 V AC	40 W	15 mm	page 073
	100-120 V AC	60 W	15 mm	page 073
	100-120 V AC	90 W	15 mm	page 073

CONTROL UNITS

CU4000	 monochrome	synchronous	15 mm	page 079
		asynchronous		page 079
	 multiwhite	asynchronous	15 mm	page 079

DRIVERS

ID4061	100-120 V AC	25 W	15 mm	page 083
	100-120 V AC	40 W	15 mm	page 083
	100-120 V AC	60 W	15 mm	page 083
	100-120 V AC	90 W	15 mm	page 083

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SMART-DRIVERS – ONLY FOR USA & CANADA

24V
15 mm



- EXTRA FLAT 15MM
- HFD TECHNOLOGY

SD4060, 100-120V AC, 50-60HZ



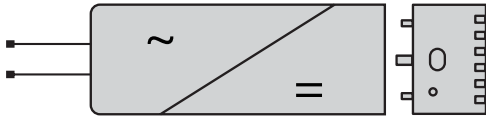
Material / Colour	plastic / black
Driver configuration	smart (+control unit)
Degree of protection	IP20
Output voltage	24V DC
Output ports	1 port, 24 V
Lifetime	for control unit
Installation	30.000 h
Scope of delivery	screw fixing
	1 smart-driver
	incl. fixings

Smart-drivers can **only be operated in conjunction with a control unit** which defines the application (incl. colour system) and switching functions.

Smart-drivers can only be operated with **wireless switches** (see page 063) or **remote control** (see page 069).

The **voltage drops if the cable length is too long** and the LEDs no longer shine brightly. Therefore, please **observe the maximum cable length** from the driver to the light of 6 m.

Ambient temperature - 20°C to + 45°C.
Ensure sufficient air supply and circulation at the installation location.



Smart-driver system:
connect smart-driver & control unit

All-in-System: One universal smart-driver and one control unit that defines application functions

- no further add-on modules needed

Multi-zone smart-driver system

2-in-1: BLE & matter-ready

Full power on every port

SD4060

	Output power	Standby power	Total consumption efficiency	Connected output ports	Dimensions (L x W x H)	Article number
	W	W	%		mm	
1	25	0,10	88	1x socket 2-pin 24 V	112 x 75 x 15	101.30.01.001
2	40	0,10	89	1x socket 2-pin 24 V	112 x 75 x 15	101.30.01.002
3	60	0,15	92	1x socket 2-pin 24 V 1x socket 2-pin 24 V	112 x 75 x 15	101.30.01.003
4	90	0,15	93		167 x 75 x 15	101.30.01.004

Primary lead, customized to country, C7-plug (small device plug), 2 m cable length

Type of plug	
Description	C7 plug to US plug
Scope of delivery	1 piece
Article number	142.01.01.001

ORDER INFO
Order primary lead (see above) and control unit (see below) separately.

	LED control unit (synchronous / asynchronous)	see page 119
	LED control unit (synchronous / asynchronous)	see page 119



High frequency driver:
Enables smallest design. Significantly reduces operating temperature. Low operating temperature leads to increased lifetime.

Smart-driver system:
Wireless control via Bluetooth & optional via matter Smart Home. No extra modules needed.

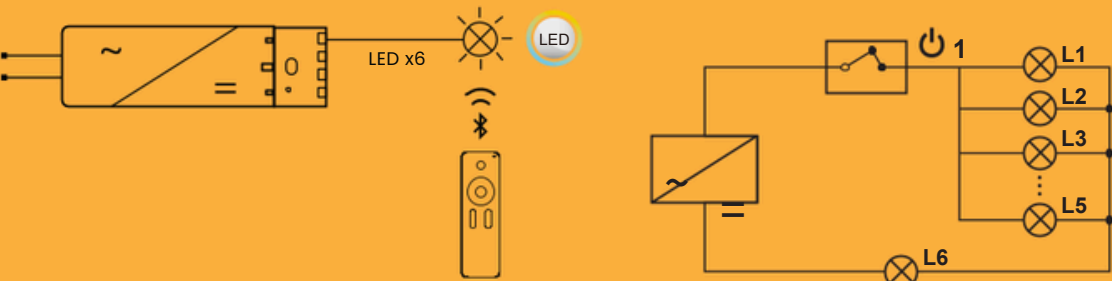
One modular system
One smart-driver + 8 control units. Easy stockkeeping, maximum flexibility.

Signal range:
Switches to control unit: 6 m.
Control unit in Thread mesh: 10-30 m.



SYNCHRONOUS LIGHT

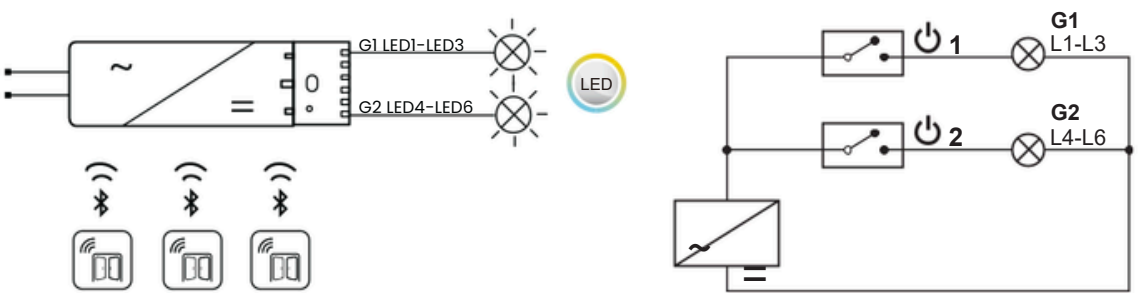
With synchronous control, **all lights are controlled together with one switch.**



In the example, the lights on the glass shelves and the wooden shelves are controlled with one remote control. They cannot be controlled separately.

SYNCHRONOUS LIGHT

With asynchronous control, **each light can be controlled separately** (with different switches or one remote control).



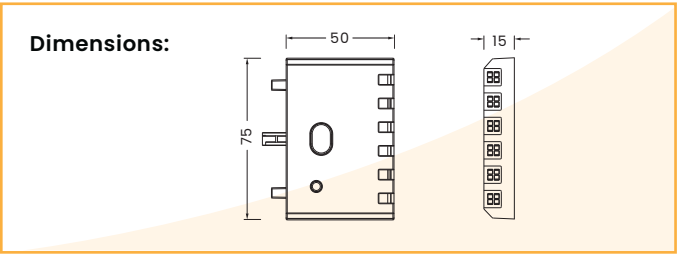
In the example the lights inside the cabinets turn on when the respective door sensors are triggered while other lights remain switched off.

CONTROL UNITS

24V
wireless
CU4000



- MATTER READY
- BLUETOOTH READY



Material / Colour	plastic / black
Voltage	24 V DC
Rated power	max. 150W
Standby-power-consumption	0,25 W
Dimensions	75 x 50 x 15 mm
Network signal	
Signal range	BLE & matter / Thread 1.4
	6 / 10-30 m
Intended application	On / Off
	Dimming (0-100%)
Installation	Colour temperature
Scope of delivery	selection (not for monochrome)

110.10.01.001 & 110.11.01.001



These items feature 5 ports that can be controlled synchronous / asynchronous and 1 port uncontrolled. The uncontrolled port supplies continuous current, even when the control unit is switched off. Important for the linear lights with integrated switching function (PL4001, PL4005, PL4006).

Control unit defines the application (incl. colour system) and functions of smart-drivers.

The specified power rating is the maximum capacity.

The actual power rating depends on the connected driver.

Plugged directly to driver

1 control unit

SIGNAL RANGE:

Switches to control unit: 6 m.

Control unit in Thread mesh: 10-30 m.

CU4000

Colour system	Control type	Connected output ports	Uncontrolled output ports	Number of lighting groups	Article number
LED monochrome	synchronous	5x sockets 2-pin 24V	1x socket 2-pin 24V	1 + 1	110.10.01.001
	asynchronous			6 + 1	110.11.01.001
LED multiwhite	asynchronous	6x sockets 2-pin 24V	-	3	111.11.01.001

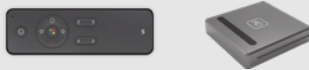
THE CORE OF SMART LIGHTING

The control units form the basis for integrating your lighting into smart systems. To help you make the right choice, we explain the most important basics on the following pages and provide an overview of the various models and their applications.

matter

matter-certified and therefore compatible with all matter-enabled devices, including brands such as Google Home, Apple HomeKit and Amazon Alexa that support matter. For more information please check page 092.

ORDER INFO: Please order smart-driver separately (see page 113).



Each colour setting requires a specific model of control unit (see above) and a specific smart sensor switch (p. 063) or remote control (p. 069).

Control unit:

Enables individual, wireless light control for up to 6 output ports.

Modular system:

One universal smart-driver and 8 control units that define application functions. Easy stockkeeping and maximum flexibility.

Wireless light control:

Control units support synchronous or asynchronous control of monochrome, multiwhite, RGB or RGB-MW light.

Bluetooth control:

No wiring needed.

CONTROL UNITS

Important terms

To help you choose the right control unit for your lighting system, it is useful to know the most important terms relating to control units. These are explained here.

Lighting scene

A lighting scene determines which lights are switched on or off and how (brightness / colour temperature) they shine. Lighting scenes can be used to set different moods or functional areas. Once set, they can be easily recalled thanks to the memory function.

Lighting groups

A lighting group combines luminaires that can be controlled independently of each other. Each group is controlled via the corresponding outputs of the control unit.

Connected output ports

Outputs on the control unit for connecting LED lights that can be controlled via a switch / app (on/off, dimming, colour temperature).

Uncontrolled output ports

Supply continuous current even when the control unit is switched off. Important for connecting luminaires with integrated switches (e.g. PL4001, PL4005, PL4006) so that the light can be switched on automatically when movement is detected. The uncontrolled outputs cannot be controlled via switches or app. Only the control units for monochrome lights have an uncontrolled output port, as lights with integrated switches are exclusively monochrome.

Synchronous control

All connected output ports of the control unit are controlled simultaneously by a switch. This means that all connected lights are switched on or off simultaneously (synchronously) with one switch.

Asynchronous control

Depending on the control unit model, there are different numbers of outputs (groups) that can

be controlled separately. Lights connected to these outputs / groups can be switched on or off independently of each other. Lights connected to

a group of outputs can only be switched on or off together.

COMPARISON OF CONTROL UNITS

– OVERVIEW OF ALL OPTIONS

Colour system	Control type	Number of lighting groups	Number of outputs / lighting group	Total number of outputs	Number of lighting scenes	Special feature	Ideal for applications with	Ideal for applications in
 monochrome	synchronous	1 + 1	LG1: 5 LG2: 1	6	1 + 1	1 output port uncontrolled	1 shared lighting scene + 1 separate sensor light	
	asynchronous	6 + 1	LG1-LG5: each 1 LG6: LG1 – LG5 LG7: 1	6	6 + 1	1 output port uncontrolled	6 independent lighting scenes + 1 separate sensor light	kitchen
 multiwhite 2-pin	asynchronous	3	LG1: 3 LG2: 3 LG3: LG1 + LG2	6	3	–	3 independent lighting scenes	furniture

FINDING THE RIGHT CONTROL UNIT

– ALL OPTIONS AT A GLANCE

 monochrome

synchronous



- 5x connected output ports (1-5) synchronous
- 1x uncontrolled output port (6)

- Lighting group 1: 1-5
- Lighting group 2: 6

asynchronous

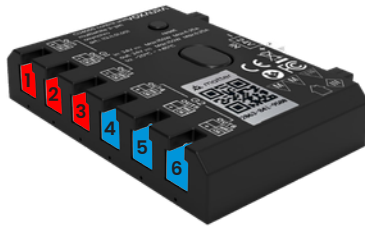


- 5x connected output ports (1-5) asynchronous
- 1x uncontrolled output port (6)

- Lighting group 1: 1
- Lighting group 2: 2
- Lighting group 3: 3
- Lighting group 4: 4
- Lighting group 5: 5
- Lighting group 6: 6
- Lighting group 7: 1-5

 multiwhite 2-pin = furniture lighting

asynchronous



- 3x connected output ports (1-3)
- 3x connected output ports (4-6) asynchronous
- 0x uncontrolled output port

- Lighting group 1: 1-3
- Lighting group 2: 4-6
- Lighting group 3: 1-6

DRIVERS – ONLY FOR USA & CANADA

⚡ 24V
↕ 15 mm



- EXTRA FLAT **15MM**
- **HFD** TECHNOLOGY

ID4061, 100-120V AC, 50-60HZ



Material / Colour	plastic / black
Driver configuration	integrated
Degree of protection	IP20
Output voltage	24V DC
Lifetime	30.000 h
Installation	screw fixing
Scope of delivery	1 driver incl. fixings

Ambient temperature - 20°C to + 45°C. Ensure sufficient air supply and circulation at the installation location.

Integrated drivers **only can control monochrome light.**

The **voltage drops** if the cable length **is too long** and the LEDs no longer shine brightly. Therefore, please **note maximum cable length** from driver to light of 6 m.

Drivers feature 4 / 6 controlled ports and **2 ports uncontrolled**. The uncontrolled ports **supply continuous current**, even when the driver is switched off. **Important for the linear lights with integrated switching function** (PL4001, PL4005, PL4006).

ORDER INFO: Order primary lead separately. For details please refer to the right.

CONTROL TYPE

25W: Only synchronous control of the 4 connected outputs possible.

40W, 60W & 90W:

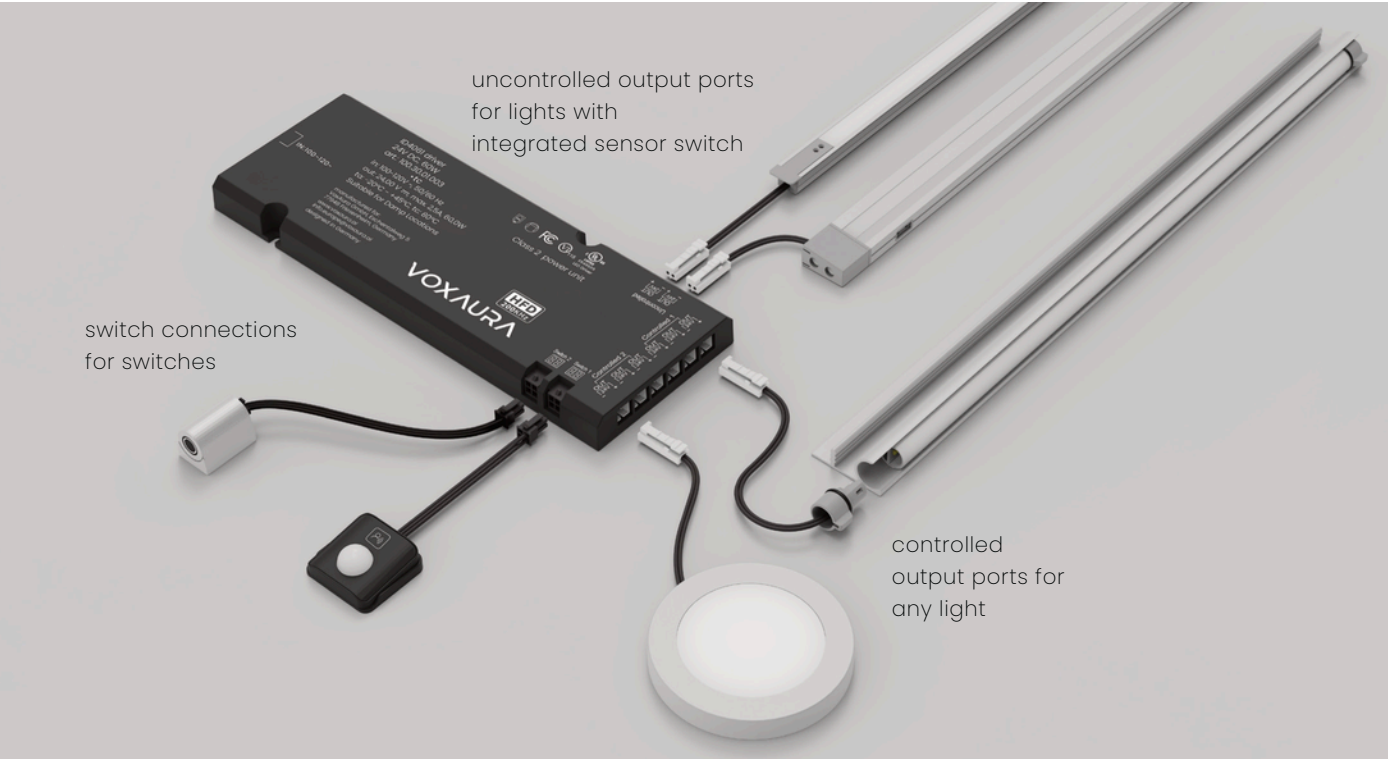
- SYNCHRONOUS CONTROL OF THE 6 CONNECTED OUTPUTS WHEN ONE SWITCH IS CONNECTED.
- WHEN CONNECTING 2 SWITCHES, ASYNCHRONOUS CONTROL OF TWO LIGHTING GROUPS: Lighting group 1: connected outputs 1,3 are controlled synchronously with switch 1. Lighting group 2: connected outputs 4,6 are controlled synchronously with switch 2.

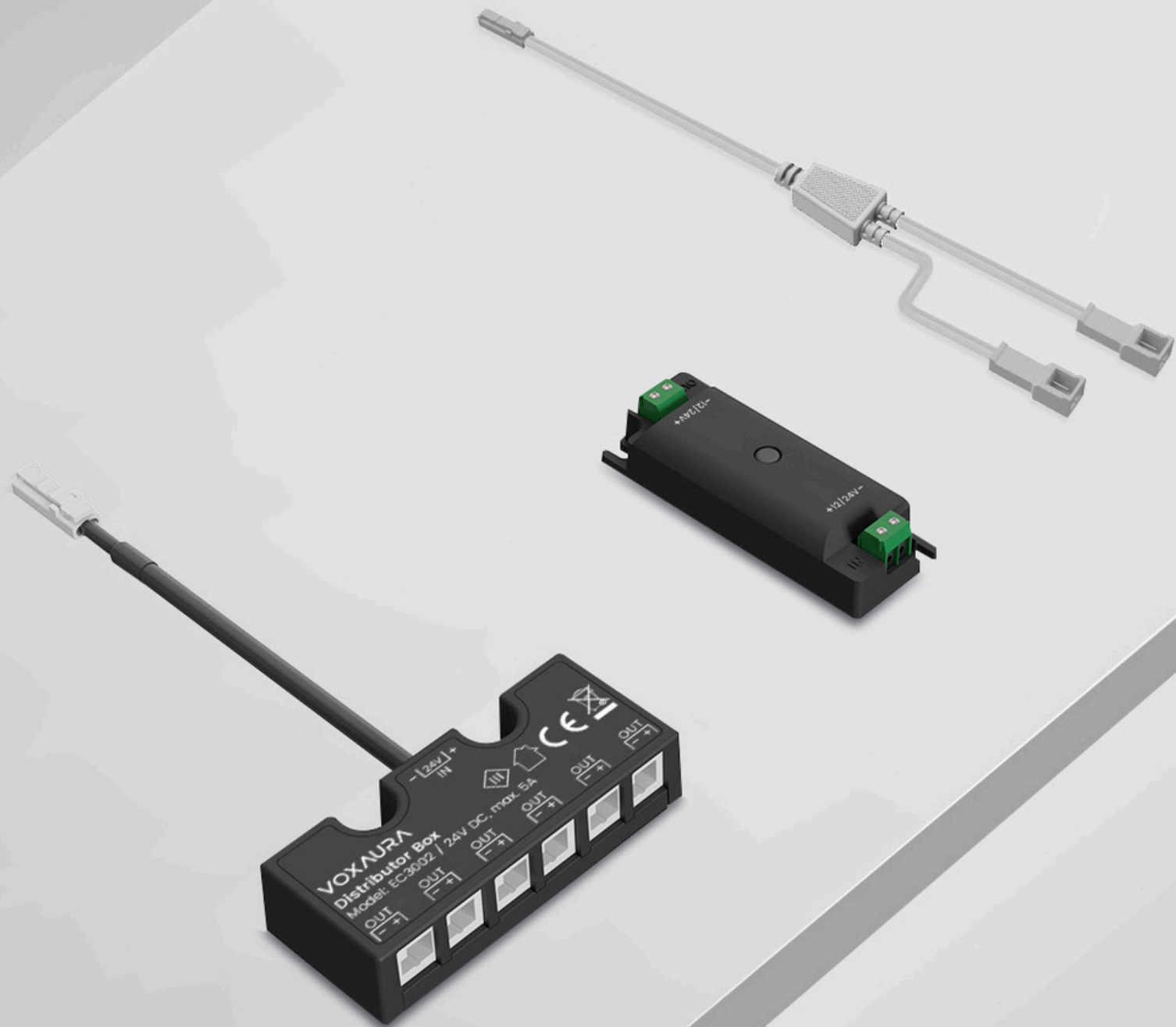
ID4061

	Output power W	Standby power consumption W	Total efficiency %	Output ports connected + uncontrolled	Switch connections	Dimensions (L x W x H) mm	Article number
1	25	0,10	88	4+2 socket 2-pin , 24 V	1x socket 4-pin	147 x 75 x 15	100.30.01.001
2	40	0,10	88	6+2 socket 2-pin , 24 V	2x socket 4-pin	147 x 75 x 15	100.30.01.002
3	60	0,15	92	6+2 socket 2-pin , 24 V	2x socket 4-pin	147 x 75 x 15	100.30.01.003
4	90	0,15	93	6+2 socket 2-pin , 24 V	2x socket 4-pin	202 x 75 x 15	100.30.01.004

Primary lead, customized to country, C7-plug (small device plug), 2 m cable length

Type of plug	
Description	C7 plug to US plug
Scope of delivery	1 piece
Article number	142.01.01.001

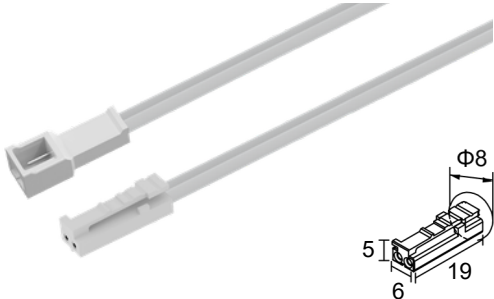




ACCESSORIES

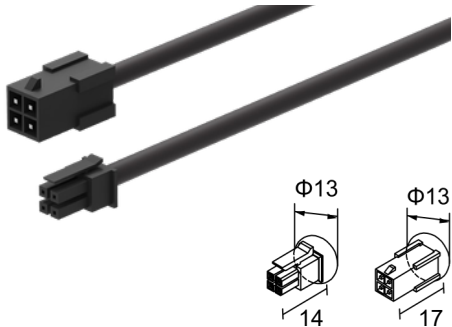
EXTENSION CABLES ⚡ 24 V

EC3000 EXTENSION CABLE 2-PIN



Material / Colour	plastic / black
Suitable for	monochrome lights
Length	2 m
Drill hole	Ø 8 mm (plug)
Scope of delivery	1 extension cable incl. 2-pin connector
Article number	male & female
	150.99.01.001

EC3000 EXTENSION CABLE 4-PIN

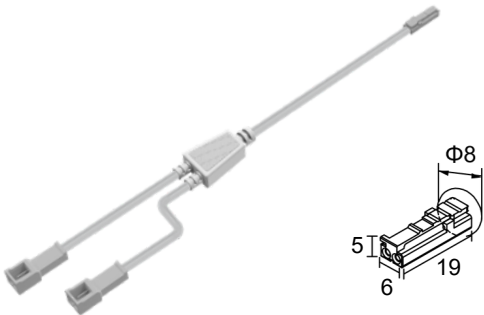


Material / Colour	plastic / black
Suitable for	multiwhite & RGB lights and
Length	wired switches
Drill hole	2 m
Scope of delivery	Ø 13 mm (plug)
Article number	1 extension cable incl. 4-pin connector

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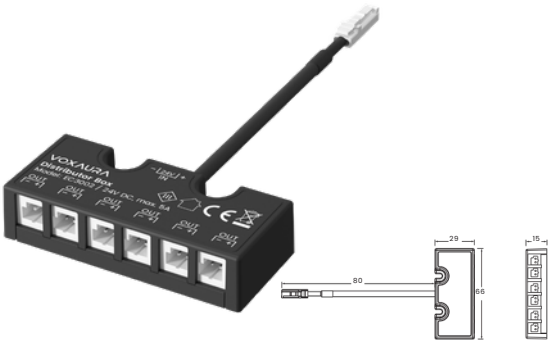
DISTRIBUTORS ⚡ 24 v

EC3001 2-WAY EXTENSION CABLE



Material / Colour	plastic / black
Suitable for	2-pin lights
Length	(monochrome and 2-pin multiwhite)
Drill hole	2 m
Scope of delivery	Ø 8 mm (plug)
Article number	1 cable incl. 1 male and 2 female

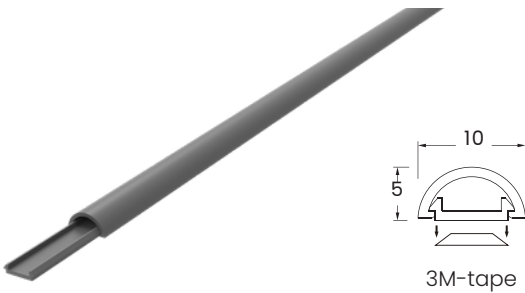
EC3002 6-WAY DISTRIBUTOR BOX



Material / Colour	plastic / black
Application	1 input port + 6 output ports to multiply LED light connections
Suitable for	all drivers and control units, 2-pin lights
Dimensions	(monochrome and 2-pin multiwhite)
Scope of delivery	66 x 29 x 15 mm
Article number	1 distributor box incl. connecting cable 80 mm
	130.99.01.001

CABLE MANAGEMENT ⚡ 12 v / 24 v

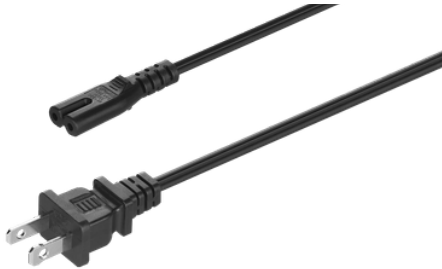
CM1000 6-WAY CABLE MANAGEMENT PROFILE



Material / Colour	plastic / black
Application	organize up to 6 cables
Dimensions	450 x 10 x 5 mm
Installation	surface mounting
Scope of delivery	5 pieces incl. 3M-tape
Article number	160.99.01.002

POWER TAKING SYSTEM

PP1000 PRIMARY LEAD



Material / Colour	plastic / black
Application	C7 plug to US plug
Cable Length	2 m
Scope of delivery	1 primary lead incl. C7 plug and US plug
Article number	142.01.01.001



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