

# CATALOGUE 2022 / 2023



INDOOR  
AUTOMATION



INDOOR  
LIGHTING



OUTDOOR  
AUTOMATION




OUTDOOR  
LIGHTING

**INNOVATIONS FOR  
INTELLIGENT  
AUTOMATION AND  
LIGHTING SOLUTIONS**

# CONTENT

## INDOOR AUTOMATION

### PRESENCE AND MOTION DETECTORS 4 - 41

	ATMO	4 - 7
	COMPACT	8 - 15
	COMPACT MINI	16 - 21
	COMPACT EXPRESS	22 - 25
	FLAT	26 - 31
	FLAT MINI	32 - 35
	BASIC	36 - 41

### BRIGHTNESS CONTROLLER 42 - 45

	FLAT MINI	42 - 45
---	-----------	---------

### CONTROLS 46 - 49


	SMARTDRIVER	46 - 49
--	-------------	---------

### ACTUATORS 50 - 51




	DIN RAIL	50 - 51
--	----------	---------

## INDOOR LIGHTING

### LIGHTING SYSTEMS 52 - 61

	QUADRO-SETS	52 - 55
	ELC FREELY CONFIGURABLE	56 - 61

### RECESSED LIGHTS 62 - 73

	CELINE	62 - 65
	CELINE-2	66 - 69
	STELLA	70 - 73

### WALL AND CEILING LIGHTS 74 - 85

	BOARDLIGHT	74 - 77
	ALMA	78 - 81
	ELLEN	82 - 85

### DOWNLIGHTS 86 - 91

	ELSA-2	86 - 91
---	--------	---------

### FREE-STANDING LIGHTS 92 - 95

	ISABELLE	92 - 95
---	----------	---------

### PENDANT LIGHTS 96 - 99

	ISABELLE	96 - 99
---	----------	---------

### MOISTURE-PROOF LIGHTS 100 - 103

	OLIVIA	100 - 103
---	--------	-----------

## ECODESIGN DIRECTIVE

With the Ecodesign Directive coming into force on 1 September 2021, we not only label products classified as light sources with the required energy efficiency indices as required by law (see label example 1).

To create maximum transparency for you, we also indicate the energy efficiency of the light source contained in surrounding products (LED, see example 2).

Both details can be found in the Energy efficiency class column.

### Example light source

ELSA-2 (LED module not removable)

ELSA-2 DL 225 OP 110° 1800 830 DALI WH (white, similar to RAL 9003)	E010298943	830	1700 lm	19 W	89 lm/W	≤ 25	OP	IP44	DALI		X 240, Z 25	BS	•
--	------------	-----	---------	------	---------	------	----	------	------	---	-------------	----	---








### Example surrounding product

ELSA-2 with detector (LED module removable)







ELSA-2 DL 225 OP 110° 1800 830 MD IR WH (white, similar to RAL 9003)	E010299025	830	1650 lm	17,5 W	94 lm/W	≤ 25	OP	IP20	ON/OFF	•		X 240, Z 60	BY	• ★
---	------------	-----	---------	--------	---------	------	----	------	--------	---	---	-------------	----	-----



## OUTDOOR AUTOMATION

MOTION DETECTORS		104 - 123
	RC	104 - 107
	DEFENSOR	108 - 111
	MD-W	112 - 115
	MD	116 - 119
	BASIC	120 - 123
TWILIGHT SWITCHES		124 - 131
	DEFENSOR	124 - 127
	CDS	128 - 131

## OUTDOOR LIGHTING

WALL LIGHTS		132 - 139
	AL	132 - 135
	OL/AOL	136 - 139
UP-/DOWNLIGHTS		140 - 143
	ALVA	140 - 143
BOLLARD LIGHTS		144 - 151
	ALVA	144 - 151
FLOODLIGHTS		152 - 163
	BASIC OFL/AFL	152 - 157
	SUN OFL/AFL	158 - 163

## INFORMATION

<b>DALI-2 takes you to the future</b> One standard for all options	164 - 177
<b>Always ready with the right tool:</b> Thanks to the ESY-Pen and ESY-App!	178 - 179
<b>The difference</b> Presence and motion detectors	180
<b>Diffusers and colour temperature</b> An overview	181
<b>Covers for wall detectors</b> Compatible with brand switches	182 - 183
<b>Product naming</b> Simply decoded	184 - 193

### NEW: ESYLUX CORE PORTFOLIO WITH SHORT DELIVERY TIMES

For all products of our core portfolio, particularly short delivery times apply. In order to provide our customers with targeted access to these, associated products are marked accordingly in the catalogue. You can find out the exact delivery times by clicking on an icon on each item in the product section of the ESYLUX website.

- Extensive multi-sensor elements for intelligent light and HVAC control
- Visual or acoustic warning for demand-driven ventilation

**5** YEARS  
MANUFACTURER  
WARRANTY

Thanks to its unique multi-sensor elements, the ATMO KNX presence detector ensures not only an optimal level of brightness, but also a healthy and productive ambient climate in the room. With a total of six sensors in just one device, there is no need for several individual solutions. This shows just how easy it is to accommodate complex requirements using intelligent technology.

# ATMO

# MULTI-SENSORICALLY OPTIMISING THE ROOM CLIMATE

Comprehensive multi-sensor system for intelligent light and HVAC control

Demand-driven light switching or automatic light control at a constant brightness level depending on presence and daylight (constant light control)

Measurement of the ambient temperature as heat reflection of surfaces in the room (furniture, floors, walls); facilitates a constant temperature level regardless of short-term changes (e.g. temporary ventilation, open door etc.)

Variants (ATMO A/O) with additional measurement of relative humidity for dew point calculation (e.g. to prevent mould growth in rarely used rooms)

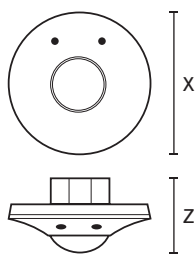
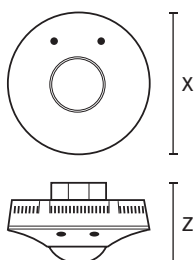
Variant (ATMO O) with additional measurement of VOCs (volatile organic compounds) for optimal control of the air quality; alternatively to automatic control, a visual or acoustic warning can be issued if a limit value is exceeded (for manual ventilation in line with demand)

Built-in acoustic sensor system to support PIR sensor systems in complex and angular rooms

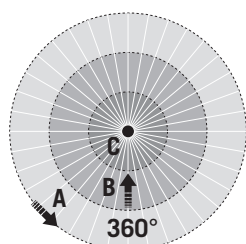
Simple adjustment of the range and field of detection due to the lens cover, which can be cut to size



## PRODUCT TYPES



## FIELD OF DETECTION



## DETECTION RANGE

	Ceiling 8 m
■ Diagonally (A)	Ø 8 m
■ Frontal (B)	Ø 6 m
■ Presence area (C)	Ø 4 m

Note: Technical data for specific products can be found at [www.esylux.com](http://www.esylux.com).

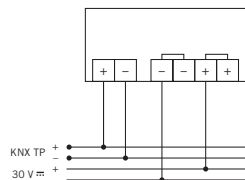


- Comprehensive multi-sensor system for intelligent light and HVAC control
- Demand-driven light switching or automatic light control at a constant brightness level depending on presence and daylight (constant light control)
- Measurement of the ambient temperature as heat reflection of surfaces in the room (furniture, floors, walls); facilitates a constant temperature level regardless of short-term changes (e.g. temporary ventilation, open door etc.)
- Variants (ATMO A/O) with additional measurement of relative humidity for dew point calculation (e.g. to prevent mould growth in rarely used rooms)
- Variant (ATMO O) with additional measurement of VOCs (volatile organic compounds) for optimal control of the air quality; alternatively to automatic control, a visual or acoustic warning can be issued if a limit value is exceeded (for manual ventilation in line with demand)
- Built-in acoustic sensor system to support PIR sensor systems in complex and angular rooms
- Simple adjustment of the range and field of detection due to the lens cover, which can be cut to size

Product group/product name	Item no.	Detection angle	Detection range	Installation type	Number of light channels	Function	Constant lighting control	Push button input lighting	In-rush current	Adjustable switch-off delay time	Number of HVAC-channels	Push button input HVAC	Slave input	Protection type	Dimensions (mm)	Circuit diagram	Core portfolio	New product
<b>Presence detectors / Ceiling mounting / KNX</b>																		
<b>KNX</b>																		
PD-ATMO 360i/8 O AUX 30 V KNX (white, similar to RAL 9010)	EP10427664	360°	Ø 8 m	FM	2	Switching/Regulate	•	2		•	1	•	•	IP20	X 108, Z 74	AU		★
PD-ATMO 360i/8 T KNX (white, similar to RAL 9010)	EP10427213	360°	Ø 8 m	FM	2	Switching/Regulate	•	2		•	1	•	•	IP20	X 108, Z 38	0	•	
PD-ATMO 360i/8 A KNX (white, similar to RAL 9010)	EP10427206	360°	Ø 8 m	FM	2	Switching/Regulate	•	2		•	1	•	•	IP20	X 108, Z 38	0	•	

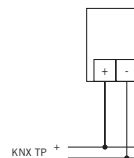
Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
<b>Accessories</b>					
<b>Mounting</b>					
COMPACT MOUNTING BOX IP20 SM WH	EP10425370	Surface-mounted box for COMPACT series, IP20, white	X 104, Z 30	•	
COMPACT MOUNTING BOX IP54 SM WH	EP10425905	Surface-mounted box for COMPACT series, IP54, white	X 104, Z 30	•	
MOUNTING SET IP20 FM 62 WH	EP10425929	Recessed ceiling mounting set includes installation bracket and dust-protected box, 62 mm	X 63, Z 62	•	
<b>Protection</b>					
BASKET GUARD ROUND LARGE	EM10425608	Basket guard for presence and motion detectors and smoke detectors, Ø 180 mm, height 90 mm	X 180, Z 90	•	
BASKET GUARD ROUND SMALL	EM10425615	Basket guard for presence and motion detectors and smoke detectors, Ø 165 mm, height 70 mm	X 165, Z 70	•	
<b>Remote control</b>					
ESY-Pen	EP10425356	ESY-Pen and ESY-App, two tools for every task: (1) Parameterisation, (2) remote control, (3) light measurement, (4) project management	X 166, Y 24, Z 21,5	•	
REMOTE CONTROL PDI/USER	EM10425547	IR remote control for end users of presence detectors	X 100, Y 50, Z 9	•	
TELESCOPE MAGNET	EC10430022	Telescope magnet		•	

AU



Standard operation.

0



Standard operation.

- Offers numerous variants for multi-channel light and HVAC control
- One design for all applications within a building
- Two-piece housing for simple installation

**5** YEARS  
MANUFACTURER  
WARRANTY



The COMPACT presence and motion detectors have successfully built themselves a reputation among our range of sensors as traditional favourites and true all-rounders. Their robust design and high level of performance are just as impressive as their huge versatility in terms of applications: Whether ceiling or wall detector, whether 230 V, KNX, DALI or DALI-2, whether switching, dimming or HVAC, they ensure a perfect combination of convenience and energy efficiency at all times — and offer an innovative solution with touch-sensitive lens surfaces due to the touch detectors.

**ESY**  
CONTROL



Parameterisable with ESY-Pen and ESY-App.  
More on pages 178 - 179 or at: [esylux.asia/esy-pen](http://esylux.asia/esy-pen).



# COMPACT INNOVATION VARIETY FOR INDIVIDUAL CONTROL

On-demand lighting switching (230 V) or presence- and daylight-dependent constant light control (1 – 10 V, 12 – 36 V, DALI, DALI-2 or KNX)

Variants for wall and ceiling flush mounting, ceiling surface mounting and recessed mounting

Covers and frame for wall detector available as an accessory

Compatible with conventional brand switch systems for a uniform design

Two-piece housing (sensor head and power box) for quick, simple installation

Numerous adjustment options via DIP, remote control or adjustment control

Integrated toggle: setting with remote control or adjustment control (to prevent operating errors and to provide sabotage protection)

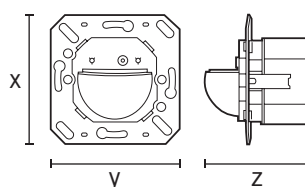
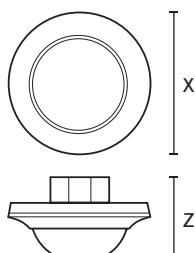
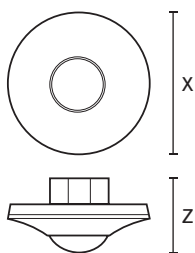
Control of LED lights via high-performance relay with tungsten pre-contact (230 V)

Switching delay prevents switching errors due to short-term change in brightness

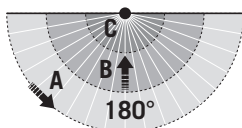
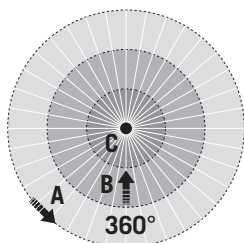
Manual override with stairwell light function on detectors with push button input



## PRODUCT TYPES



## FIELD OF DETECTION



## DETECTION RANGE

	Ceiling 8 m	Ceiling 24 m	Ceiling 32 m	Ceiling 32 m	Wall 16 m
■ Diagonally (A)	Ø 8 m	Ø 24 m	Ø 32 m	32 m (elliptical)	Ø 16 m
■ Frontal (B)	Ø 6 m	Ø 11 m	Ø 11 m	Ø 20 m (elliptical)	Ø 12 m
■ Presence area (C)	Ø 4 m	Ø 8 m	Ø 8 m	-	Ø 8 m

Note: Technical data for specific products can be found at [www.esylux.com](http://www.esylux.com).

# COMPACT

## INDOOR AUTOMATION / PRESENCE AND MOTION DETECTORS



- On-demand lighting switching (230 V) or presence- and daylight-dependent constant light control (1 – 10 V, 12 – 36 V, DALI, DALI-2 or KNX)
- Variants for wall and ceiling flush mounting, ceiling surface mounting and recessed mounting
- Covers and frame for wall detector available as an accessory
- Compatible with conventional brand switch systems for a uniform design
- Two-piece housing (sensor head and power box) for quick, simple installation
- Numerous adjustment options via DIP, remote control or adjustment control
- Integrated toggle: setting with remote control or adjustment control (to prevent operating errors and to provide sabotage protection)
- Control of LED lights via high-performance relay with tungsten pre-contact (230 V)
- Switching delay prevents switching errors due to short-term change in brightness
- Manual override with stairwell light function on detectors with push button input
- Orientation light function on detectors with 1 – 10 V, DALI, DALI-2 or KNX
- Simple parameterisation, remote control and documentation of remotely controlled variants via ESY-Pen and ESY-App

\* With additional DALI actuator ACTUATOR C3/C4 DALI as accessory.

Product group/product name	Item no.	Detection angle	Detection range	Installation type	Number of light channels	Function	Constant lighting control	Push button input lighting	In-rush current	Adjustable switch-off delay time	Number of HVAC-channels	Push button input HVAC	Slave input	Protection type	Dimensions (mm)	Circuit diagram	Core portfolio	New product
<b>Motion detectors / Ceiling mounting / ON/OFF</b>																		
<b>ON/OFF</b>																		
MD-C 360i/8 (white, similar to RAL 9010)	EP10055393	360°	Ø 8 m	FM	1	Switching	1	800 A / 200 µs	•					IP20	X 108, Z 62	A	•	
MD-C 360i/8 MIC (white, similar to RAL 9010)	EP10425875	360°	Ø 8 m	FM	1	Switching	1	800 A / 200 µs	•					IP20	X 108, Z 62	A	•	
MD-C 360i/8 WAGO WINSTA CodeA (white, similar to RAL 9010)	EP10424809	360°	Ø 8 m	RM	1	Switching	1	800 A / 200 µs	•					IP20	X 108, Z 99	A	•	
MD-C 360i/8 WAGO WINSTA CodeA/S (white, similar to RAL 9010)	EP10424601	360°	Ø 8 m	RM	1	Switching	1	800 A / 200 µs	•					IP20	X 108, Z 99	A	•	
MD-C 360i/24 (white, similar to RAL 9010)	EP10055317	360°	Ø 24 m	FM	1	Switching	1	800 A / 200 µs	•					IP20	X 108, Z 70	A	•	
MD-C 360i/24 WAGO WINSTA CodeA (white, similar to RAL 9010)	EP10424816	360°	Ø 24 m	RM	1	Switching	1	800 A / 200 µs	•					IP20	X 108, Z 107	A	•	
MD-C 360i/24 WAGO WINSTA CodeA/S (white, similar to RAL 9010)	EP10424618	360°	Ø 24 m	RM	1	Switching	1	800 A / 200 µs	•					IP20	X 108, Z 107	A	•	
MD-C 360i/32 Corridor (white, similar to RAL 9010)	EP10428128	360°	32 m elliptical	FM	1	Switching	1	800 A / 200 µs	•					IP20	X 108, Z 70	A	•	
MD-C 360i/32 (white, similar to RAL 9010)	EP10427749	360°	Ø 32 m	FM	1	Switching	1	800 A / 200 µs	•					IP20	X 108, Z 70	A	•	
<b>Motion detectors / Wall mounting / ON/OFF</b>																		
<b>ON/OFF</b>																		
MD-C 180i/16 Touch	EP10428517	180°	Ø 16 m	FM	1	Switching	1	800 A / 200 µs	•					IP40	X 70, Y 70, Z 55	AP		
<b>Presence detectors / Ceiling mounting / 1 – 10 V</b>																		
<b>1–10 V</b>																		
PD-C 360i/8 DIM (white, similar to RAL 9010)	EP10426711	360°	Ø 8 m	FM	1	Switching/Regulate	•	1	800 A / 200 µs	•				IP20	X 108, Z 62	I	•	
PD-C 360i/24 DIM (white, similar to RAL 9010)	EP10426704	360°	Ø 24 m	FM	1	Switching/Regulate	•	1	800 A / 200 µs	•				IP20	X 108, Z 70	I	•	
PD-C 360i/24 DUODIMplus-FM (white, similar to RAL 9010)	EP10426742	360°	Ø 24 m	FM	2	Switching/Regulate	•	2	800 A / 200 µs	•	1	•	•	IP20	X 108, Z 87	K		
PD-C 360i/32 Warehouse DIM plus (white, similar to RAL 9010)	EP10425783	360°	32 m elliptical	FM	1	Switching/Regulate	•	1	800 A / 200 µs	•	1	•	•	IP20	X 108, Z 70	H	•	
<b>Presence detectors / Ceiling mounting / 12 – 36 V UC</b>																		
<b>12 – 36 V UC</b>																		
PD-C 360i/8 UC (white, similar to RAL 9010)	EP10427312	360°	Ø 8 m	FM	1	Switching/Regulate	•	1		•				IP20	X 108, Z 62	M	•	
PD-C 360i/24 UC (white, similar to RAL 9010)	EP10427329	360°	Ø 24 m	FM	1	Switching/Regulate	•			•				IP20	X 108, Z 70	M	•	



Product group/product name	Item no.	Detection angle	Detection range	Installation type	Number of light channels	Function	Constant lighting control	Push button input lighting	In-rush current	Adjustable switch-off delay time	Number of HVAC-channels	Push button input HVAC	Slave input	Protection type	Dimensions (mm)	Circuit diagram	Core portfolio	New product
<b>Presence detectors / Ceiling mounting / ELC</b>																		
<b>ELC</b>																		
PD-C 360i/8 ELC (white, similar to RAL 9010)	EP10427602	360°	Ø 8 m	FM	4	Send values	•			•	2			IP20	X 108, Z 62	P	•	
PD-C 360i/24 ELC (white, similar to RAL 9010)	EP10427619	360°	Ø 24 m	FM	4	Send values	•			•	2			IP20	X 108, Z 70	P	•	
<b>Presence detectors / Ceiling mounting / KNX</b>																		
<b>KNX</b>																		
PD-C 360i/8 KNX UP (white, similar to RAL 9010)	EP10427404	360°	Ø 8 m	FM	2	Switching/ Regulate	•	2		•	1	•	•	IP20	X 108, Z 62	0	•	
PD-C 360i/24 KNX ECO UP (white, similar to RAL 9010)	EP10427435	360°	Ø 24 m	FM	2	Switching		1		•			•	IP20	X 108, Z 70	0	•	
PD-C 360i/24 KNX UP (white, similar to RAL 9010)	EP10427428	360°	Ø 24 m	FM	2	Switching/ Regulate	•	2		•	1	•	•	IP20	X 108, Z 70	0	•	
PD-C 360i/32 KNX (white, similar to RAL 9010)	EP10427794	360°	Ø 32 m	FM	2	Switching/ Regulate	•	2		•	1	•	•	IP20	X 108, Z 70	0	•	
<b>Presence detectors / Ceiling mounting / ON/OFF</b>																		
<b>ON/OFF</b>																		
PD-C 360/8 Slave (white, similar to RAL 9010)	EP10055379	360°	Ø 8 m	FM		Send values							•	IP20	X 108, Z 62	C	•	
PD-C 360i/8 (white, similar to RAL 9010)	EP10425059	360°	Ø 8 m	FM	1	Switching		1	800 A / 200 µs	•			•	IP20	X 108, Z 62	B	•	
PD-C 360i/8plus (white, similar to RAL 9010)	EP10425042	360°	Ø 8 m	FM	1	Switching		1	800 A / 200 µs	•	1		•	IP20	X 108, Z 62	D	•	
PD-C 360i/8 MIC (white, similar to RAL 9010)	EP10425882	360°	Ø 8 m	FM	1	Switching		1	800 A / 200 µs	•			•	IP20	X 108, Z 62	B	•	
PD-C 360i/8 WAGO WINSTA CodeA (white, similar to RAL 9010)	EP10424823	360°	Ø 8 m	RM	1	Switching		1	800 A / 200 µs	•			•	IP20	X 108, Z 99	B	•	★
PD-C 360i/8 WAGO WINSTA CodeA/S (white, similar to RAL 9010)	EP10424625	360°	Ø 8 m	RM	1	Switching		1	800 A / 200 µs	•			•	IP20	X 108, Z 99	B	•	★
PD-C 360/24 Slave (white, similar to RAL 9010)	EP10055386	360°	Ø 24 m	FM		Send values							•	IP20	X 108, Z 70	C	•	
PD-C 360i/24 (white, similar to RAL 9010)	EP10428067	360°	Ø 24 m	FM	1	Switching		1	800 A / 200 µs	•			•	IP20	X 108, Z 70	B	•	
PD-C 360i/24 DUOplus (white, similar to RAL 9010)	EP10425295	360°	Ø 24 m	FM	2	Switching		2	30 A / 20 ms	•	1	•	•	IP20	X 108, Z 70	F	•	
PD-C 360i/24 DRY (white, similar to RAL 9010)	EP10425707	360°	Ø 24 m	FM	1	Switching		1	30 A / 20 ms	•			•	IP20	X 108, Z 70	E	•	
PD-C 360i/24plus (white, similar to RAL 9010)	EP10425288	360°	Ø 24 m	FM	1	Switching		1	800 A / 200 µs	•	1		•	IP20	X 108, Z 70	D	•	
PD-C 360i/24 DUOplus-FM (white, similar to RAL 9010)	EP10426803	360°	Ø 24 m	FM	2	Switching		2	800 A / 200 µs	•	1	•	•	IP20	X 108, Z 70	F	•	
PD-C 360i/24 DUOplus-SM (white, similar to RAL 9010)	EP10426810	360°	Ø 24 m	SM	2	Switching		2	800 A / 200 µs	•	1	•	•	IP20	X 108, Z 74	G	•	
PD-C 360i/24 WAGO WINSTA CodeA (white, similar to RAL 9010)	EP10424830	360°	Ø 24 m	RM	1	Switching		1	800 A / 200 µs	•			•	IP20	X 108, Z 107	B	•	★
PD-C 360i/24 WAGO WINSTA CodeA/S (white, similar to RAL 9010)	EP10424632	360°	Ø 24 m	RM	1	Switching		1	800 A / 200 µs	•			•	IP20	X 108, Z 107	B	•	★
PD-C 360/32 Warehouse slave (white, similar to RAL 9010)	EP10425790	360°	Ø 32 m	FM		Send values							•	IP20	X 108, Z 70	C	•	
PD-C 360i/32 Corridor (white, similar to RAL 9010)	EP10428180	360°	32 m elliptical	FM	1	Switching		1	800 A / 200 µs	•			•	IP20	X 108, Z 70	B	•	
PD-C 360/32 Slave (white, similar to RAL 9010)	EP10427770	360°	Ø 32 m	FM		Send values							•	IP20	X 108, Z 70	C	•	
PD-C 360i/32 (white, similar to RAL 9010)	EP10427756	360°	Ø 32 m	FM	1	Switching		1	800 A / 200 µs	•			•	IP20	X 108, Z 70	B	•	
PD-C 360i/32plus (white, similar to RAL 9010)	EP10427763	360°	Ø 32 m	FM	1	Switching		1	800 A / 200 µs	•	1		•	IP20	X 108, Z 70	D	•	
<b>Presence detectors / Wall mounting / 12 – 36 V UC</b>																		
<b>12 – 36 V UC</b>																		
PD-C 180i/16 UC (opal matt)	EP10427305	180°	Ø 16 m	FM	1	Switching/ Regulate	•	1		•				IP20	X 70, Y 70, Z 55		•	
<b>Presence detectors / Wall mounting / KNX</b>																		
<b>KNX</b>																		
PD-C 180i KNX ECO (white, similar to RAL 9010)	EP10426452	180°	Ø 16 m	FM	2	Switching		1		•			•	IP20	X 70, Y 70, Z 55	0	•	
PD-C 180i KNX (white, similar to RAL 9010)	EP10426445	180°	Ø 16 m	FM	2	Switching/ Regulate	•	1		•	1		•	IP20	X 70, Y 70, Z 55	0	•	
PD-C 180i/16 Touch KNX (white, similar to RAL 9010)	EP10460104	180°	Ø 16 m	FM	2	Switching/ Regulate	•	1		•	1	•	•	IP40	X 70, Y 70, Z 55	0	•	

Product group/product name	Item no.	Detection angle	Detection range	Installation type	Number of light channels	Number of light groups	Function	Constant lighting control	SymbiLogic	Push button input lighting	Adjustable switch-off delay time	Number of HVAC-channels	DALI-2 device type	Push button input HVAC	Protection type	Dimensions (mm)	Circuit diagram	Core portfolio	New product
Presence detectors / Ceiling mounting / DALI																			
DALI																			
PD-C 360i/8 DUO DALI (white, similar to RAL 9010)	EP10427442	360°	Ø 8 m	FM	2		Switching/Regulate	•		2	•	2*				IP20 X 108, Z 62	N	•	
PD-C 360i/8 DUO DALI WAGO WINSTA CodeI (white, similar to RAL 9010)	EP10424847	360°	Ø 8 m	RM	2		Switching/Regulate	•		2	•					IP20 X 108, Z 99	N	•	★
PD-C 360i/8 DUO DALI WAGO WINSTA CodeB (white, similar to RAL 9010)	EP10424649	360°	Ø 8 m	RM	2		Switching/Regulate	•		2	•					IP20 X 108, Z 99	N	•	★
PD-C 360i/8 DUO DALI WAGO WINSTA CodeA/I (white, similar to RAL 9010)	EP10424663	360°	Ø 8 m	RM	2		Switching/Regulate	•		2	•					IP20 X 108, Z 99	N	•	★
PD-C 360i/24 DUO DALI (white, similar to RAL 9010)	EP10427459	360°	Ø 24 m	FM	2		Switching/Regulate	•		2	•	2*				IP20 X 108, Z 70	N	•	
PD-C 360i/24 DUO DALI WAGO WINSTA CodeI (white, similar to RAL 9010)	EP10424854	360°	Ø 24 m	RM	2		Switching/Regulate	•		2	•					IP20 X 108, Z 107	N	•	★
PD-C 360i/24 DUO DALI WAGO WINSTA CodeB (white, similar to RAL 9010)	EP10424656	360°	Ø 24 m	RM	2		Switching/Regulate	•		2	•					IP20 X 108, Z 107	N	•	★
PD-C 360i/24 DUO DALI WAGO WINSTA CodeA/I (white, similar to RAL 9010)	EP10424670	360°	Ø 24 m	RM	2		Switching/Regulate	•		2	•					IP20 X 108, Z 107	N	•	★
PD-C 360i/32 DUO DALI (white, similar to RAL 9010)	EP10427787	360°	Ø 32 m	FM	2		Switching/Regulate	•		2	•	2*				IP20 X 108, Z 70	N	•	

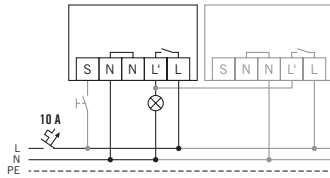
Presence detectors / Ceiling mounting / DALI-2

DALI-2																			
PD-C 360/8 BMS DALI-2 (white, similar to RAL 9010)	EP10428203	360°	Ø 8 m	FM			Send values			2		301, 302, 303, 304				IP20 X 108, Z 62	R	•	★
PD-C 360bt/8 APC10 PS plus DALI-2 (white, similar to RAL 9010)	EP10428142	360°	Ø 8 m	RM	16		Regulate/Switching	•		4	1	103, 208, 301, 302, 303, 304				IP20 X 108, Z 106	Q	•	★
PD-C 360bt/8 APC20 PS plus DALI-2 (white, similar to RAL 9010)	EP10428272	360°	Ø 8 m	RM	16		Regulate/Switching	•		4	1	103, 208, 301, 302, 303, 304				IP20 X 108, Z 106	Q		★
PD-C 360/24 BMS DALI-2 (white, similar to RAL 9010)	EP10428210	360°	Ø 24 m	FM			Send values			2		301, 302, 303, 304				IP20 X 108, Z 70	R	•	★
PD-C 360bt/24 APC10 PS plus DALI-2 (white, similar to RAL 9010)	EP10428159	360°	Ø 24 m	RM	16		Regulate/Switching	•		4	1	103, 208, 301, 302, 303, 304				IP20 X 108, Z 106	Q	•	★
PD-C 360bt/24 APC20 PS plus DALI-2 (white, similar to RAL 9010)	EP10428111	360°	Ø 24 m	RM	16		Regulate/Switching	•		4	1	103, 208, 301, 302, 303, 304				IP20 X 108, Z 106	Q		★
PD-C 360/32 BMS DALI-2 (white, similar to RAL 9010)	EP10424885	360°	Ø 32 m	FM			Send values			2		301, 302, 303, 304				IP20 X 108, Z 70	R	•	★
PD-C 360bt/32 APC10 PS plus DALI-2 (white, similar to RAL 9010)	EP10428265	360°	Ø 32 m	RM	16		Regulate/Switching	•		4	1	103, 208, 301, 302, 303, 304				IP20 X 108, Z 106	Q		★
PD-C 360bt/32 APC20 PS plus DALI-2 (white, similar to RAL 9010)	EP10428289	360°	Ø 32 m	RM	16		Regulate/Switching	•		4	1	103, 208, 301, 302, 303, 304				IP20 X 108, Z 106	Q		★

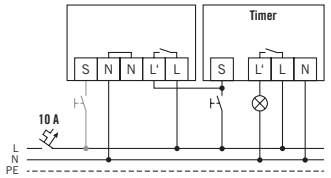
Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
Accessories					
Cover					
COMPACT COVER SET 24/32 BK	EP00007491	Cover set for COMPACT series, 24 m/32 m, consists of cover and design ring, black	X 108, Z 19	•	★
COMPACT COVER SET 24/32 SR	EP10425431	Cover set for COMPACT series, 24 m/32 m, consists of cover and design ring, silver	X 108, Z 19	•	
COMPACT COVER SET 8 BK	EP00007521	Cover set for COMPACT series, 8 m, consists of cover and design ring, black	X 108, Z 24	•	★
COMPACT COVER SET 8 SR	EP10425936	Cover set for COMPACT series, 8 m, consists of cover and design ring, stainless steel appearance, similar to RAL 9006	X 108, Z 24	•	
COVER BER MOD2 IP20 PWH	EP10427121	Cover for wall detector fits with Berker module 2, IP20, polar white	X 55, Y 55, Z 27		
COVER BER MOD2 IP20 WH	EP10427138	Cover for wall detector fits with Berker module 2, IP20, white	X 55, Y 55, Z 27		
COVER BER S1 IP20 PWH	EP10427107	Cover for wall detector fits with Berker S.1, IP20, polar white	X 55, Y 55, Z 27	•	
COVER BER S1 IP20 WH	EP10427114	Cover for wall detector fits with Berker S.1, IP20, white	X 55, Y 55, Z 27		
COVER BUJ REF IP20 WH	EP10427145	Cover for wall detector fits with Busch-Jäger Reflex, IP20, white	X 55, Y 55, Z 27	•	
COVER GIR S55 IP20 CWH	EP10427176	Cover for wall detector fits with Gira Standard 55, IP20, cream white	X 55, Y 55, Z 27		
COVER GIR S55 IP20 WH	EP10427169	Cover for wall detector fits with Gira Standard 55, IP20, white	X 55, Y 55, Z 27	•	

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
COVER IP20 AN	EM10055133	Cover for wall detectors from the STANDARD series, IP20, anthracite, similar to RAL 7021	X 87, Y 87, Z 29	•	
COVER IP20 CWH	EM10055126	Cover for wall detectors from the STANDARD series, IP20, cream white, similar to RAL 1013	X 87, Y 87, Z 29	•	
COVER IP20 SR	EM10055140	Cover for wall detectors from the STANDARD series, IP20, silver	X 87, Y 87, Z 29	•	
COVER IP20 SWH	EM10055119	Cover for wall detectors from the STANDARD series, IP20, white, similar to RAL 9016	X 87, Y 87, Z 29	•	
COVER IP20 WH	EM10055102	Cover for wall detectors from the STANDARD series, IP20, white, similar to RAL 9010	X 87, Y 87, Z 29	•	
COVER IP44 WH	EM10055157	Cover for wall detectors from the STANDARD series, IP44, white	X 87, Y 87, Z 67	•	
<b>Electrical accessories</b>					
ACTUATOR FULL AUTO C3 DALI	EP10427473	Modul for the conversion of bus commands from the DALI presence detector and other light controls into switching signals (fully automatic)	X 45, Y 45, Z 24	•	
ACTUATOR SEMI AUTO C4 DALI	EP10427480	Modul for the conversion of bus commands from the DALI presence detector and other light controls into switching signals (semi-automatic)	X 45, Y 45, Z 24	•	
FILTER 230 V	EP10426988	Filter for suppression of inductive loads, such as relays, contactors, fluorescent lamps and transformers	X 62, Y 26, Z 10	•	
<b>Mounting</b>					
COMPACT MOUNTING BOX IP20 SM BK	EP10426933	Surface-mounted box for COMPACT series, IP20, black	X 104, Z 30	•	★
COMPACT MOUNTING BOX IP20 SM SR	EP10425387	Surface-mounted box for COMPACT series, IP20, silver	X 104, Z 30	•	
COMPACT MOUNTING BOX IP20 SM WH	EP10425370	Surface-mounted box for COMPACT series, IP20, white	X 104, Z 30	•	
COMPACT MOUNTING BOX IP54 SM BK	EP10426940	Surface-mounted box for COMPACT series, IP54, black	X 104, Z 30	•	★
COMPACT MOUNTING BOX IP54 SM SR	EP10425912	Surface-mounted box for COMPACT series, IP54, silver	X 104, Z 30	•	
COMPACT MOUNTING BOX IP54 SM WH	EP10425905	Surface-mounted box for COMPACT series, IP54, white	X 104, Z 30	•	
MOUNTING BOX IP44 SM WH	EM10055164	Surface-mounted box for wall detectors from the STANDARD series, IP44, white	X 87, Y 87, Z 49	•	
MOUNTING SET IP20 FM 62 WH	EP10425929	Recessed ceiling mounting set includes installation bracket and dust-protected box, 62 mm	X 63, Z 62	•	
<b>Protection</b>					
BASKET GUARD ROUND LARGE	EM10425608	Basket guard for presence and motion detectors and smoke detectors, Ø 180 mm, height 90 mm	X 180, Z 90	•	
BASKET GUARD ROUND SMALL	EM10425615	Basket guard for presence and motion detectors and smoke detectors, Ø 165 mm, height 70 mm	X 165, Z 70	•	
<b>Remote control</b>					
ESY-Pen	EP10425356	ESY-Pen and ESY-App, two tools for every task: (1) Parameterisation, (2) remote control, (3) light measurement, (4) project management	X 166, Y 24, Z 21,5	•	
REMOTE CONTROL MDi/PDi	EM10425509	IR remote control for presence detectors and motion detectors	X 100, Y 50, Z 9	•	
REMOTE CONTROL PDi DALI	EP10425899	IR remote control for DALI presence detectors and motion detectors	X 100, Y 50, Z 9	•	
REMOTE CONTROL PDi/USER	EM10425547	IR remote control for end users of presence detectors	X 100, Y 50, Z 9	•	
REMOTE CONTROL PDi/plus	EM10425530	IR remote control for multi-channel presence detectors of the COMPACT series (DIM, DUOplus, DUO DIM, DUO DIMplus)	X 100, Y 50, Z 9	•	
REMOTE CONTROL USER	EM10016011	IR remote control for end users	X 56, Y 29, Z 7	•	

A

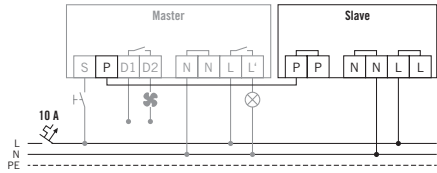


Standard with optional control via a closing button and parallel wiring of max. ten devices.



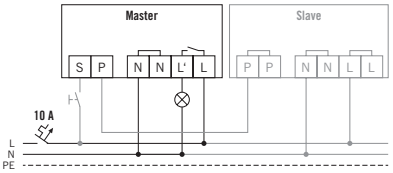
Standard operation with automatic stairwell light and optional control via a closing button.

AP



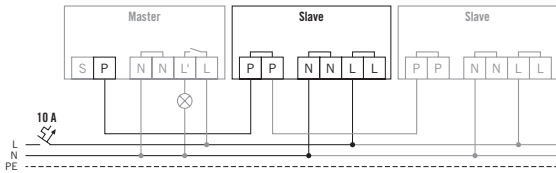
Master/slave connection for presence detectors: a maximum of 6 slave devices may be connected to one master.

B



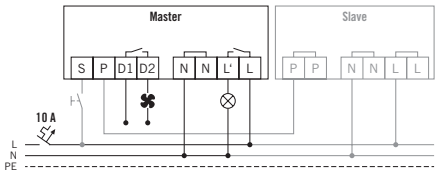
Standard operation with optional control via a closing button and use of max. ten slave devices to one master device.

C



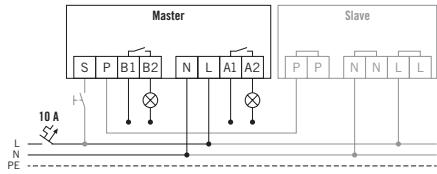
Master/slave connection for presence detectors: a maximum of 10 slave devices may be connected to one master.

D



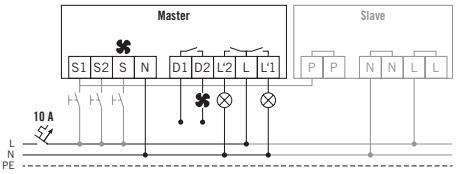
Standard operation with optional control via a closing button and use of max. ten slave devices to one master device.

E



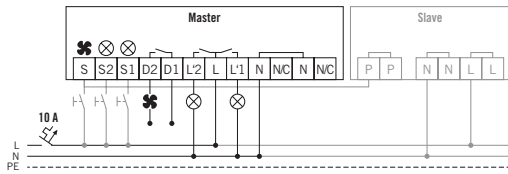
Standard operation with optional control via a closing button and use of max. ten slave devices to one master device.

F



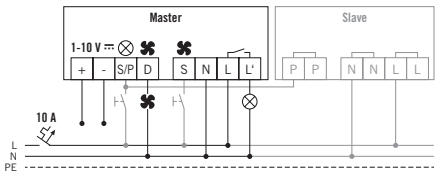
Standard operation with optional control via a closing button and use of max. ten slave devices to one master device.

G



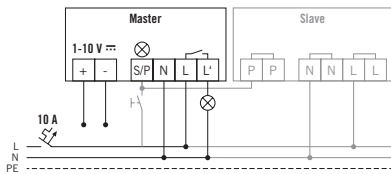
Standard operation with optional control via a closing button and use of max. ten slave devices to one master device.

H



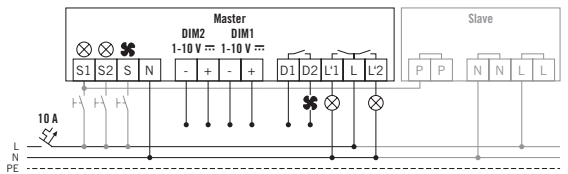
Standard operation with optional control via a closing button and use of max. ten slave devices to one master device.

I

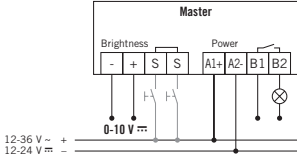
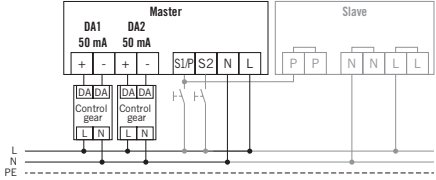
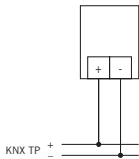
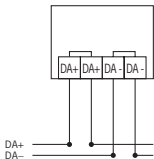
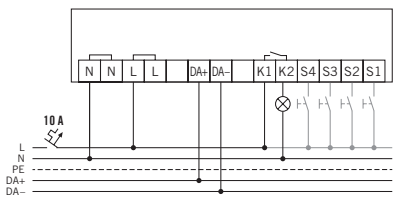
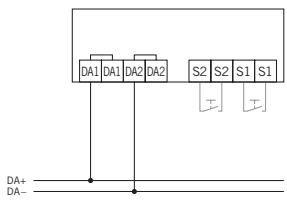


Standard operation with optional control via a closing button and use of max. ten slave devices to one master device.

K

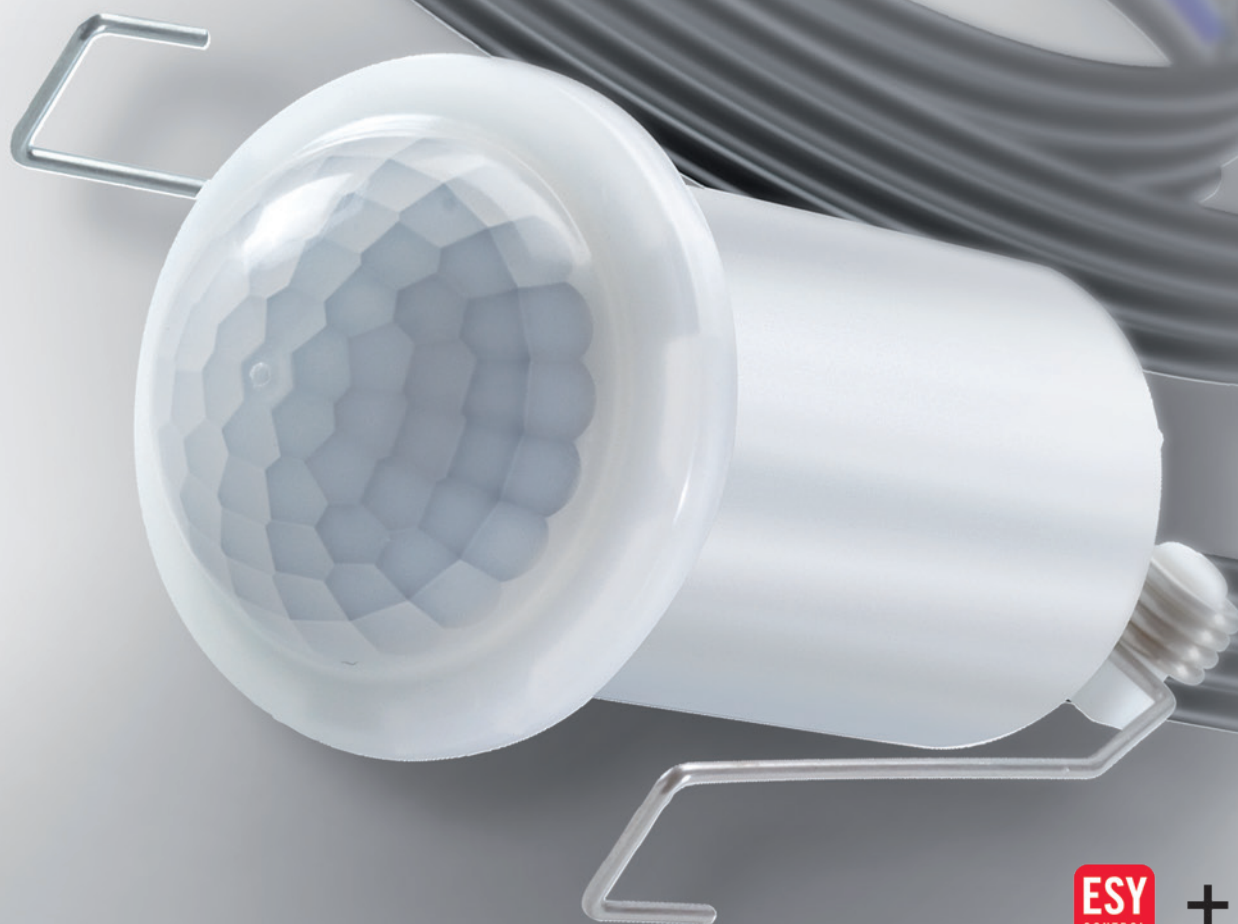


Standard operation with optional control via a closing button and use of max. ten slave devices to one master device.

M	 <p>Standard operation with optional control via a closing button.</p>	 <p>Standard operation with optional control via a closing button and use of max. ten slave devices to one master device.</p>
O	 <p>Standard operation.</p>	 <p>Standard operation.</p>
Q	 <p>Standard operation with optional control via a closing button.</p>	 <p>Standard operation with optional control via a closing button. Maximum line length from button to presence detector: 30 m.</p>

- Particularly small design for unobtrusive operation

**5** YEARS  
MANUFACTURER  
WARRANTY



When it is really important not to mar the aesthetic design of a room with technical elements, the mini presence and motion detectors are the perfect solution. Their tiny housings and extremely low installation heights mean that they retreat unobtrusively into the background, while nevertheless keeping a close eye on everything thanks to their high-quality sensor technology. They are available for all common operating technologies and consistently impress clients due to the ease of use.

**ESY**  
CONTROL



Parameterisable with ESY-Pen and ESY-App.  
More on pages 178 - 179 or at: [esylux.asia/esy-pen](http://esylux.asia/esy-pen).



# COMPACT MINI QUALITY SENSOR SYSTEM IN THE SMALLEST FORMAT

On-demand lighting switching (230 V) or presence- and daylight-dependent constant light control (12 – 36 V, DALI, DALI-2 or KNX)

Ultra-compact design with diameters of just 25 mm (Ø 6-m detection range) to 58 mm (Ø 12-m detection range)

Numerous variants: range, presence/motion, lighting and HVAC control

Control of LED lights via high-performance relay with tungsten pre-contact (230 V)

Switching delay prevents switching errors due to short-term change in brightness

Manual override and stairwell light function on detectors with push button input

Orientation light function on detectors with DALI or KNX

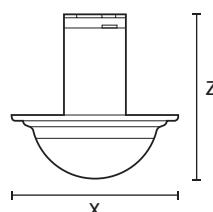
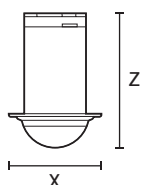
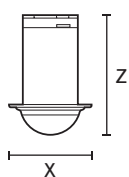
Smart factory settings for immediate commissioning on remotely controlled variants

Convenient adjustment using remote control with blue mode technology, e.g. fully/semi-automatic systems, light values, switch-off delay times and button functions

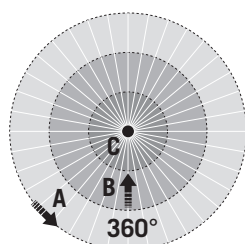
Simple parameterisation, remote control and documentation of remotely controlled variants via ESY-Pen and ESY-App



## PRODUCT TYPES



## FIELD OF DETECTION



## DETECTION RANGE

	Ceiling 6 m	Ceiling 8 m	Ceiling 12 m
■ Diagonally (A)	Ø 6 m	Ø 8 m	Ø 12 m
■ Frontal (B)	Ø 3 m	Ø 5 m	Ø 6 m
■ Presence area (C)	Ø 2 m	Ø 3 m	Ø 4 m

Note: Technical data for specific products can be found at [www.esylux.com](http://www.esylux.com).

# COMPACT MINI

## INDOOR AUTOMATION / PRESENCE AND MOTION DETECTORS



- On-demand lighting switching (230 V) or presence- and daylight-dependent constant light control (12 – 36 V, DALI, DALI-2 or KNX)
- Ultra-compact design with diameters of just 25 mm (Ø 6-m detection range) to 58 mm (Ø 12-m detection range)
- Numerous variants: range, presence/motion, lighting and HVAC control
- Control of LED lights via high-performance relay with tungsten pre-contact (230 V)
- Switching delay prevents switching errors due to short-term change in brightness
- Manual override and stairwell light function on detectors with push button input
- Orientation light function on detectors with DALI or KNX
- Smart factory settings for immediate commissioning on remotely controlled variants
- Convenient adjustment using remote control with blue mode technology, e.g. fully/semi-automatic systems, light values, switch-off delay times and button functions
- Simple parameterisation, remote control and documentation of remotely controlled variants via ESY-Pen and ESY-App

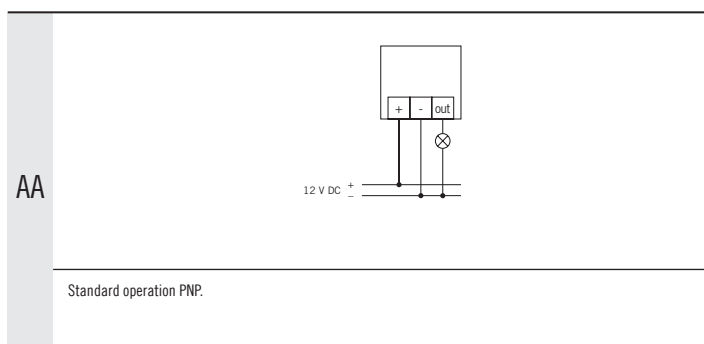
\* With additional DALI actuator ACTUATOR C3/C4 DALI as accessory.

Product group/product name	Item no.	Detection angle	Detection range	Installation type	Number of light channels	Function	Constant lighting control	Push button input lighting	In-rush current	Adjustable switch-off delay time	Number of HVAC-channels	Push button input HVAC	Slave input	Protection type	Dimensions (mm)	Circuit diagram	Core portfolio	New product
<b>Motion detectors / Ceiling mounting / ON/OFF</b>																		
<b>ON/OFF</b>																		
MD-C 360i/6 mini 12V (opal matt)	EP10425776	360°	Ø 6 m	RM	1	Switching				•				IP65	X 25, Z 47	AA	•	
MD-C 360i/6 mini (opal matt)	EP10425851	360°	Ø 6 m	RM	1	Switching			30 A / 20 ms	•				IP65	X 25, Z 47	AW	•	
MD-C 360i/8 mini (opal matt)	EP10426001	360°	Ø 8 m	RM	1	Switching		1	800 A / 200 µs	•				IP55	X 33, Z 60	AC	•	
MD-C 360i/8 mini-3m (opal matt)	EP10427008	360°	Ø 8 m	RM	1	Switching		1	800 A / 200 µs	•				IP55	X 33, Z 60	AC	•	
MD-C 360i/12 mini (opal matt)	EP10426018	360°	Ø 12 m	RM	1	Switching		1	800 A / 200 µs	•				IP55	X 58, Z 70	AC	•	
<b>Presence detectors / Ceiling mounting / 12 – 36 V UC</b>																		
<b>12 – 36 V UC</b>																		
PD-C 360i/8 mini UC (opal matt)	EP10427343	360°	Ø 8 m	RM	1	Switching/Regulate	•	1		•				IP55	X 33, Z 60	AH	•	
<b>Presence detectors / Ceiling mounting / KNX</b>																		
<b>KNX</b>																		
PD-C 360i/8 mini KNX (opal matt)	EP10426155	360°	Ø 8 m	RM	2	Switching/Regulate	•	1		•	1	•	IP55	X 33, Z 60		0	•	
PD-C 360i/12 mini KNX (opal matt)	EP10426162	360°	Ø 12 m	RM	2	Switching/Regulate	•	1		•	1	•	IP55	X 58, Z 70		0	•	
<b>Presence detectors / Ceiling mounting / ON/OFF</b>																		
<b>ON/OFF</b>																		
PD-C 360i/6 mini (opal matt)	EP10425868	360°	Ø 6 m	RM	1	Switching			30 A / 20 ms	•				IP65	X 25, Z 47	AB	•	
PD-C 360i/8 mini (opal matt)	EP10426025	360°	Ø 8 m	RM	1	Switching		1	800 A / 200 µs	•			•	IP55	X 33, Z 60	AD	•	
PD-C 360i/8 mini-3m (opal matt)	EP10427015	360°	Ø 8 m	RM	1	Switching		1	800 A / 200 µs	•			•	IP55	X 33, Z 60	AD	•	
PD-C 360i/8 mini Slave (opal matt)	EP10426063	360°	Ø 8 m	RM		Send values								IP55	X 33, Z 60	AE	•	
PD-C 360i/12 mini (opal matt)	EP10426032	360°	Ø 12 m	RM	1	Switching		1	800 A / 200 µs	•			•	IP55	X 58, Z 70	AD	•	

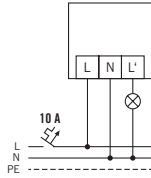


Product group/product name	Item no.	Detection angle	Detection range	Installation type	Number of light channels	Number of light groups	Function	Constant lighting control	SymbiLogic	Push button input lighting	Adjustable switch-off delay time	Number of HVAC-channels	DALI-2 device type	Push button input HVAC	Protection type	Dimensions (mm)	Circuit diagram	Core portfolio	New product
<b>Presence detectors / Ceiling mounting / DALI</b>																			
<b>DALI</b>																			
PD-C 360i/8 mini DALI (opal matt)	EP10427510	360°	Ø 8 m	RM	1		Switching/ Regulate	•				2*			IP54	X 33, Z 60	AF	•	
<b>Presence detectors / Ceiling mounting / DALI-2</b>																			
<b>DALI-2</b>																			
PD-C 360/8 mini BMS DALI-2 (opal matt)	EP10423048	360°	Ø 8 m	RM		16	Send values						303, 304		IP55	X 33, Z 60	AG		★

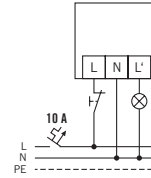
Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
<b>Accessories</b>					
<b>Adapter</b>					
COMPACT MINI SPOTLIGHT ADAPTER 51/20	EP10426384	Adapter for COMPACT MINI (6 m) series for installing motion and presence detectors in spotlights (illuminant size QR-CBC51-Ø 51 mm) with retaining ring	X 51, Z 3	•	
COMPACT MINI SPOTLIGHT ADAPTER 51/25	EP10426391	Adapter for COMPACT MINI (8 m and 12 m) series for installing motion and presence detectors in spotlights (illuminant size QR-CBC51-Ø 51 mm) with retaining ring	X 51, Z 3	•	
<b>Electrical accessories</b>					
ACTUATOR FULL AUTO C3 DALI	EP10427473	Modul for the conversion of bus commands from the DALI presence detector and other light controls into switching signals (fully automatic)	X 45, Y 45, Z 24	•	
ACTUATOR SEMI AUTO C4 DALI	EP10427480	Modul for the conversion of bus commands from the DALI presence detector and other light controls into switching signals (semi-automatic)	X 45, Y 45, Z 24	•	
FILTER 230 V	EP10426988	Filter for suppression of inductive loads, such as relays, contactors, fluorescent lamps and transformers	X 62, Y 26, Z 10	•	
POWER SUPPLY 200mA DALI	EC10430008	200mA power pack for supplying power to DALI operating units or DALI control modules that do not have their own power supply	X 48, Y 45, Z 25	•	
<b>Remote control</b>					
ESY-Pen	EP10425356	ESY-Pen and ESY-App, two tools for every task: (1) Parameterisation, (2) remote control, (3) light measurement, (4) project management	X 166, Y 24, Z 21,5	•	
REMOTE CONTROL MDi/PDi	EM10425509	IR remote control for presence detectors and motion detectors	X 100, Y 50, Z 9	•	
REMOTE CONTROL PDi DALI	EP10425899	IR remote control for DALI presence detectors and motion detectors	X 100, Y 50, Z 9	•	
REMOTE CONTROL PDi/USER	EM10425547	IR remote control for end users of presence detectors	X 100, Y 50, Z 9	•	
TELESCOPE MAGNET	EC10430022	Telescope magnet		•	



AB

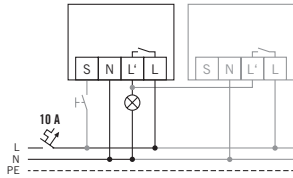


Standard operation.

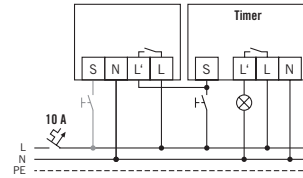


Standard operation with the additional possibility of switching on by hand.

AC

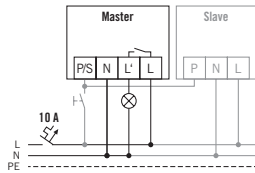


Standard with optional control via a closing button and parallel wiring of max. ten devices.



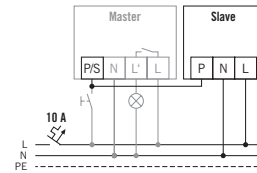
Standard operation with automatic stairwell light and optional control via a closing button.

AD



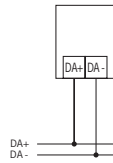
Standard operation with optional control via a closing button and use of max. ten slave devices to one master device.

AE



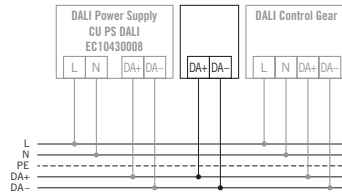
Master/slave connection for presence detectors: a maximum of 10 slave devices may be connected to one master.

AF



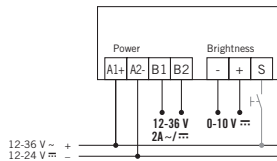
Standard operation.

AG

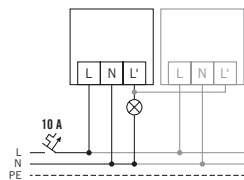


Standard operation.

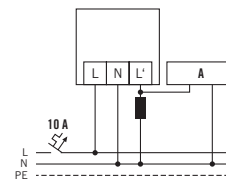
AH



Standard operation with optional control via a closing button.

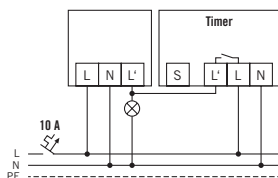


Standard operation with optional parallel wiring of max. 8 motion detectors.

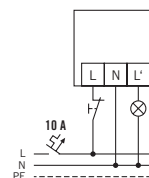


An RC filter may be required when connecting inductors (e.g. relays, contactors, ballasts).

AW

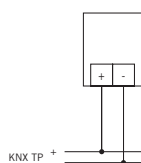


Standard operation with automatic stairwell light.



Standard operation with the additional possibility of switching on by hand.

0



Standard operation.

- One-piece housing for easy installation in suspended ceilings
- Discreet appearance due to flush ceiling installation
- Variants with pre-assembled connection cables for WAGO WINSTA® and Wieland GST18® are available

**5 YEARS**  
MANUFACTURER  
WARRANTY



The presence and motion detectors in the CE series intelligently switch the lighting and impress with their clever design. The concept enables flush ceiling installation and guarantees a correspondingly subtle appearance that, for the most part, only leaves the lens visible. Installation is quick and easy — even express.

**ESY**  
CONTROL



Parameterisable with ESY-Pen and ESY-App.  
More on pages 178 - 179 or at: [esylux.asia/esy-pen](http://esylux.asia/esy-pen).

# COMPACT EXPRESS

## SPECIAL DESIGN FOR SYSTEM CEILINGS

Single-part housing for quick and easy installation flush with the ceiling

Demand-driven light switching

Convenient adjustment using remote control (e.g. fully/semi-automatic, light values and switch-off delay times)

Suitable for the control of LED lights via high-performance relay with tungsten pre-contact (230 V)

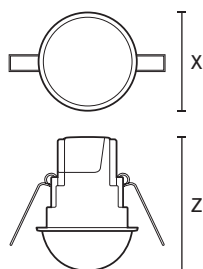
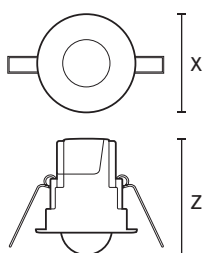
Switching delay to avoid incorrect switching due to temporary, e.g. weather-related brightness variations

Manual override

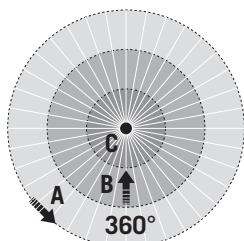
Variants with pre-assembled connection cables for WAGO W/NS7A® and Wieland GST18® are available



### PRODUCT TYPES



### FIELD OF DETECTION



### DETECTION RANGE

	Ceiling 8 m	Ceiling 24 m
■ Diagonally (A)	Ø 8 m	Ø 24 m
■ Frontal (B)	Ø 6 m	Ø 11 m
■ Presence area (C)	Ø 4 m	Ø 8 m

Note: Technical data for specific products can be found at [www.esylux.com](http://www.esylux.com).

# COMPACT EXPRESS

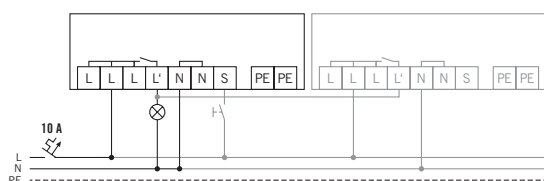
## INDOOR AUTOMATION / PRESENCE AND MOTION DETECTORS



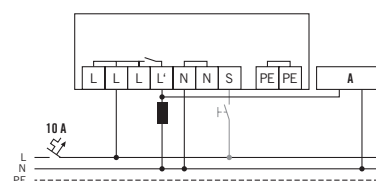
- Single-part housing for quick and easy installation flush with the ceiling
- Demand-driven light switching
- Convenient adjustment using remote control (e.g. fully/semi-automatic, light values and switch-off delay times)
- Suitable for the control of LED lights via high-performance relay with tungsten pre-contact (230 V)
- Switching delay to avoid incorrect switching due to temporary, e.g. weather-related brightness variations
- Manual override
- Variants with pre-assembled connection cables for WAGO W/INSTA® and Wieland GST18® are available

Product group/product name	Item no.	Detection angle	Detection range	Installation type	Number of light channels	Function	Constant lighting control	Push button input lighting	In-rush current	Adjustable switch-off delay time	Number of HVAC-channels	Push button input HVAC	Slave input	Protection type	Dimensions (mm)	Circuit diagram	Core portfolio	New product
<b>Motion detectors / Ceiling mounting / ON/OFF</b>																		
<b>ON/OFF</b>																		
MD-CE 360i/8 (opal matt)	EP10510007	360°	Ø 8 m	RM	1	Switching		1	800 A / 200 µs	•				IP40	X 82, Z 24	AI	•	
MD-CE 360i/8 WIELAND GST18 (opal matt)	EP10510014	360°	Ø 8 m	RM	1	Switching		1	800 A / 200 µs	•				IP40	X 82, Z 24	AI	•	
MD-CE 360i/8 WAGO WINSTA (opal matt)	EP10510045	360°	Ø 8 m	RM	1	Switching		1	800 A / 200 µs	•				IP40	X 82, Z 24	AI	•	
MD-CE 360i/24 (opal matt)	EP10510021	360°	Ø 24 m	RM	1	Switching		1	800 A / 200 µs	•				IP40	X 82, Z 32	AI	•	
MD-CE 360i/24 WIELAND GST18 (opal matt)	EP10510038	360°	Ø 24 m	RM	1	Switching		1	800 A / 200 µs	•				IP40	X 82, Z 32	AI	•	
MD-CE 360i/24 WAGO WINSTA (opal matt)	EP10510052	360°	Ø 24 m	RM	1	Switching		1	800 A / 200 µs	•				IP40	X 82, Z 32	AI	•	
<b>Presence detectors / Ceiling mounting / ON/OFF</b>																		
<b>ON/OFF</b>																		
PD-CE 360/8 Slave (opal matt)	EP10510748	360°	Ø 8 m	RM		Send values							•	IP40	X 82, Z 24	AK	•	
PD-CE 360i/8 (opal matt)	EP10510700	360°	Ø 8 m	RM	1	Switching		1	800 A / 200 µs	•			•	IP40	X 82, Z 24	AJ	•	
PD-CE 360i/8 WIELAND GST18 (opal matt)	EP10510717	360°	Ø 8 m	RM	1	Switching		1	800 A / 200 µs	•			•	IP40	X 82, Z 24	AJ	•	
PD-CE 360i/8 WAGO WINSTA (opal matt)	EP10510786	360°	Ø 8 m	RM	1	Switching		1	800 A / 200 µs	•			•	IP40	X 82, Z 24	AJ	•	
PD-CE 360/24 Slave (opal matt)	EP10510755	360°	Ø 24 m	RM		Send values							•	IP40	X 82, Z 32	AK	•	
PD-CE 360i/24 (opal matt)	EP10510724	360°	Ø 24 m	RM	1	Switching		1	800 A / 200 µs	•			•	IP40	X 82, Z 32	AJ	•	
PD-CE 360i/24 WAGO WINSTA (opal matt)	EP10510793	360°	Ø 24 m	RM	1	Switching		1	800 A / 200 µs	•			•	IP40	X 82, Z 32	AJ	•	
PD-CE 360i/24 WIELAND GST18 (opal matt)	EP10510731	360°	Ø 24 m	RM	1	Switching		1	800 A / 200 µs	•			•	IP40	X 82, Z 32	AJ	•	

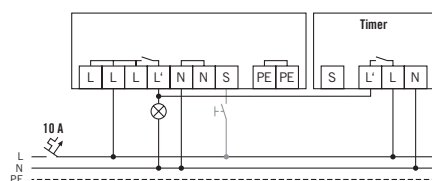
Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio New product
<b>Accessories</b>				
<b>Electrical accessories</b>				
FILTER 230 V	EP10426988	Filter for suppression of inductive loads, such as relays, contactors, fluorescent lamps and transformers	X 62, Y 26, Z 10	•
<b>Protection</b>				
BASKET GUARD ROUND SMALL	EM10425615	Basket guard for presence and motion detectors and smoke detectors, Ø 165 mm, height 70 mm	X 165, Z 70	•
<b>Remote control</b>				
ESY-Pen	EP10425356	ESY-Pen and ESY-App, two tools for every task: (1) Parameterisation, (2) remote control, (3) light measurement, (4) project management	X 166, Y 24, Z 21,5	•
REMOTE CONTROL MDi/PDi	EM10425509	IR remote control for presence detectors and motion detectors	X 100, Y 50, Z 9	•
REMOTE CONTROL USER	EM10016011	IR remote control for end users	X 56, Y 29, Z 7	•



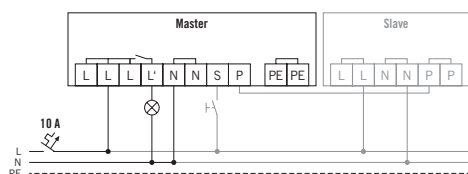
Standard with optional control via a closing button and parallel wiring of max. ten devices.



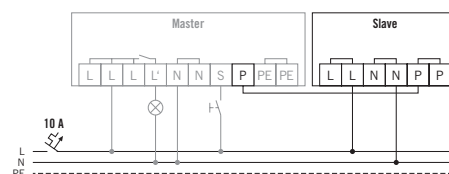
When connecting inductors (e.g. relays, contactors, ballasts) the use of a filter (A) may be necessary.



Standard operation with automatic stairwell light and optional control via a closing button.



Standard operation with optional control via a closing button and use of max. ten slave devices to one master device.



Master/slave connection for presence detectors: a maximum of 10 slave devices may be connected to one master.



- Stylish design with flat body
- Small junction box provides a large wiring space in every flush-mounted socket

**5** YEARS  
MANUFACTURER  
WARRANTY



Whether in an exclusive lounge or a prestigious board office — many locations feature elegant interior décor which demands equally attractive room technology. The perfect task for the FLAT presence and motion detectors: With their flat design, they have a particularly unobtrusive appearance, while a range of variants offers the perfect solution for every taste.



Parameterisable with ESY-Pen and ESY-App.  
More on pages 178 - 179 or at: [esylux.asia/esy-pen](http://esylux.asia/esy-pen).



# FLAT

## QUALITY SENSOR SYSTEM IN AN ELEGANT DESIGN

Elegant design with a flat body (6 mm) and low installation depth (24 mm)

Covers with glass surfaces are available

Demand-driven lighting switching (230 V) or automatic light control (DALI or KNX) at a constant brightness level depending on presence and daylight (constant light control)

Instantly ready for use thanks to pre-installed factory settings (230 V, DALI)

Automatic configuration of light ballasts (DALI broadcast)

Simple configuration using remote control

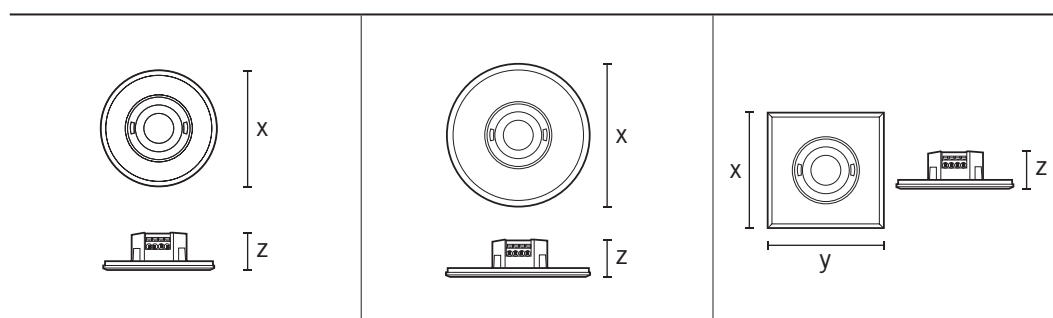


Extensive individual configuration options for 47 communication objects (KNX)

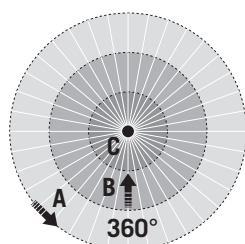
Optimised to control LED lights whilst protecting the relay through zero-cross switching (230 V)

Small junction box provides a large wiring area in every flush-mounted socket

### PRODUCT TYPES



### FIELD OF DETECTION



### DETECTION RANGE

	Ceiling 8 m
■ Diagonally (A)	Ø 8 m
■ Frontal (B)	Ø 6 m
■ Presence area (C)	Ø 4 m

Note: Technical data for specific products can be found at [www.esylux.com](http://www.esylux.com).



- Elegant design with a flat body (6 mm) and low installation depth (24 mm)
- Covers with glass surfaces are available
- Demand-driven lighting switching (230 V) or automatic light control (DALI or KNX) at a constant brightness level depending on presence and daylight (constant light control)
- Instantly ready for use thanks to pre-installed factory settings (230 V, DALI)
- Automatic configuration of light ballasts (DALI broadcast)
- Simple configuration using remote control
- Extensive individual configuration options for 47 communication objects (KNX)
- Optimised to control LED lights whilst protecting the relay through zero-cross switching (230 V)
- Small junction box provides a large wiring area in every flush-mounted socket

\* With additional DALI actuator ACTUATOR C3/C4 DALI as accessory.

Product group/product name	Item no.	Detection angle	Detection range	Installation type	Number of light channels	Function	Constant lighting control	Push button input lighting	In-rush current	Adjustable switch-off delay time	Number of HVAC-channels	Push button input HVAC	Slave input	Protection type	Dimensions (mm)	Circuit diagram	Core portfolio	New product
<b>Motion detectors / Ceiling mounting / ON/OFF</b>																		
<b>ON/OFF</b>																		
MD-FLAT-E 360i/8 RW WIELAND GST18 (white, similar to RAL 9010)	EP10427862	360°	Ø 8 m	RM	1	Switching		1	78 A / 5 ms	•				IP20	X 94, Z 76,5	S	•	
MD-FLAT 360i/8 RW WAGO WINSTA CodeA (white, similar to RAL 9010)	EP10424861	360°	Ø 8 m	RM	1	Switching		1	78 A / 5 ms	•				IP20	X 94, Z 76,5	S	•	
MD-FLAT 360i/8 RW WAGO WINSTA CodeA/S (white, similar to RAL 9010)	EP10424687	360°	Ø 8 m	RM	1	Switching		1	78 A / 5 ms	•				IP20	X 94, Z 76,5	S	•	
MD-FLAT 360i/8 ROUND BLACK (black, similar to RAL 9004)	EP10428074	360°	Ø 8 m	FM	1	Switching		1	78 A / 5 ms	•				IP20	X 94, Z 30	S	•	
MD-FLAT 360i/8 ROUND WHITE (white, similar to RAL 9010)	EP10427886	360°	Ø 8 m	FM	1	Switching		1	78 A / 5 ms	•				IP20	X 94, Z 30	S	•	
MD-FLAT 360i/8 SQUARE BLACK (black, similar to RAL 9004)	EP10428081	360°	Ø 8 m	FM	1	Switching		1	78 A / 5 ms	•				IP20	X 77, Y 77, Z 30	S	•	
MD-FLAT 360i/8 SQUARE WHITE (white, similar to RAL 9010)	EP10427893	360°	Ø 8 m	FM	1	Switching		1	78 A / 5 ms	•				IP20	X 77, Y 77, Z 30	S	•	
MD-FLAT 360i/8 LARGE ROUND WHITE (white, similar to RAL 9010)	EP10428609	360°	Ø 8 m	FM	1	Switching		1	78 A / 5 ms	•				IP20	X 104, Z 30	S	•	
MD-FLAT-E 360i/8 ROUND WHITE (white, similar to RAL 9010)	EP10428548	360°	Ø 8 m	RM	1	Switching		1	78 A / 5 ms	•				IP20	X 94, Z 76	S	•	
<b>Presence detectors / Ceiling mounting / KNX</b>																		
<b>KNX</b>																		
PD-FLAT 360i/8 ROUND BLACK KNX (black, similar to RAL 9004)	EP10451768	360°	Ø 8 m	FM	2	Switching/Regulate	•	2		•	1	•	•	IP20	X 94, Z 30	0	•	
PD-FLAT 360i/8 ROUND WHITE KNX (white, similar to RAL 9010)	EP10451706	360°	Ø 8 m	FM	2	Switching/Regulate	•	2		•	1	•	•	IP20	X 94, Z 30	0	•	
PD-FLAT 360i/8 SQUARE BLACK KNX (black, similar to RAL 9004)	EP10451775	360°	Ø 8 m	FM	2	Switching/Regulate	•	2		•	1	•	•	IP20	X 77, Y 77, Z 30	0	•	
PD-FLAT 360i/8 SQUARE WHITE KNX (white, similar to RAL 9010)	EP10451713	360°	Ø 8 m	FM	2	Switching/Regulate	•	2		•	1	•	•	IP20	X 77, Y 77, Z 30	0	•	
PD-FLAT 360i/8 LARGE ROUND WHITE KNX (white, similar to RAL 9010)	EP10428685	360°	Ø 8 m	FM	2	Switching/Regulate	•	2		•	1	•	•	IP20	X 104, Z 30	0	•	
<b>Presence detectors / Ceiling mounting / ON/OFF</b>																		
<b>ON/OFF</b>																		
PD-FLAT 360i/8 ROUND BLACK (black, similar to RAL 9004)	EP10427954	360°	Ø 8 m	FM	1	Switching		1	78 A / 5 ms	•				IP20	X 94, Z 30	T	•	
PD-FLAT 360i/8 ROUND WHITE (white, similar to RAL 9010)	EP10427930	360°	Ø 8 m	FM	1	Switching		1	78 A / 5 ms	•				IP20	X 94, Z 30	T	•	
PD-FLAT 360i/8 SQUARE BLACK (black, similar to RAL 9004)	EP10427947	360°	Ø 8 m	FM	1	Switching		1	78 A / 5 ms	•				IP20	X 77, Y 77, Z 30	T	•	
PD-FLAT 360i/8 SQUARE WHITE (white, similar to RAL 9010)	EP10427923	360°	Ø 8 m	FM	1	Switching		1	78 A / 5 ms	•				IP20	X 77, Y 77, Z 30	T	•	

Product group/product name	Item no.	Detection angle	Detection range	Installation type	Number of light channels	Function	Constant lighting control	Push button input lighting	In-rush current	Adjustable switch-off delay time	Number of HVAC-channels	Push button input HVAC	Slave input	Protection type	Dimensions (mm)	Circuit diagram	Core portfolio	New product
PD-FLAT 360i/8 LARGE ROUND WHITE (white, similar to RAL 9010)	EP10428623	360°	Ø 8 m	FM	1	Switching		1	78 A / 5 ms	•				IP20	X 104, Z 30	T	•	
PD-FLAT-E 360i/8 ROUND WHITE (white, similar to RAL 9010)	EP10428555	360°	Ø 8 m	RM	1	Switching		1	78 A / 5 ms	•				IP20	X 94, Z 76	T	•	
PD-FLAT-E 360i/8 RW WIELAND GST18 (white, similar to RAL 9010)	EP10427879	360°	Ø 8 m	RM	1	Switching		1	78 A / 5 ms	•				IP20	X 94, Z 76,5	T	•	
PD-FLAT 360i/8 RW WAGO WINSTA CodeA (white, similar to RAL 9010)	EP10424878	360°	Ø 8 m	RM	1	Switching		1	78 A / 5 ms	•				IP20	X 94, Z 76,5	T	•	
PD-FLAT 360i/8 RW WAGO WINSTA CodeA/S (white, similar to RAL 9010)	EP10424694	360°	Ø 8 m	RM	1	Switching		1	78 A / 5 ms	•				IP20	X 94, Z 76,5	T	•	

Product group/product name	Item no.	Detection angle	Detection range	Installation type	Number of light channels	Number of light groups	Function	Constant lighting control	SynbiLogic	Push button input lighting	Adjustable switch-off delay time	Number of HVAC-channels	DALI-2 device type	Push button input HVAC	Protection type	Dimensions (mm)	Circuit diagram	Core portfolio	New product
----------------------------	----------	-----------------	-----------------	-------------------	--------------------------	------------------------	----------	---------------------------	------------	----------------------------	----------------------------------	-------------------------	--------------------	------------------------	-----------------	-----------------	-----------------	----------------	-------------

#### Presence detectors / Ceiling mounting / DALI

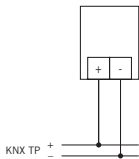
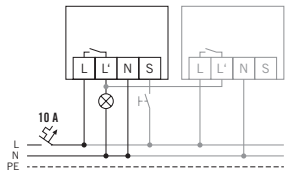
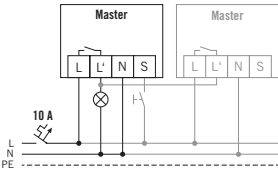
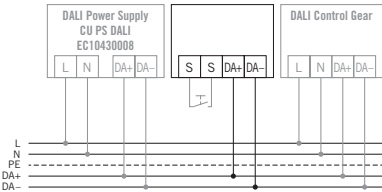
<b>DALI</b>																			
PD-FLAT 360i/8 ROUND BLACK DALI (black, similar to RAL 9004)	EP10427916	360°	Ø 8 m	FM	1		Switching/Regulate	•		1	•	2*			IP20	X 94, Z 30	U	•	
PD-FLAT 360i/8 ROUND WHITE DALI (white, similar to RAL 9010)	EP10427541	360°	Ø 8 m	FM	1		Switching/Regulate	•		1	•	2*			IP20	X 94, Z 30	U	•	
PD-FLAT 360i/8 SQUARE WHITE DALI (white, similar to RAL 9010)	EP10427558	360°	Ø 8 m	FM	1		Switching/Regulate	•		1	•	2*			IP20	X 77, Y 77, Z 30	U	•	
PD-FLAT 360i/8 ROUND WHITE DALI SET (white, similar to RAL 9010)	EP10428708	360°	Ø 8 m	FM	1		Switching/Regulate	•		1	•	2*			IP20	X 94, Z 30	U	•	
PD-FLAT 360i/8 SQUARE WHITE DALI SET (white, similar to RAL 9010)	EP10428715	360°	Ø 8 m	FM	1		Switching/Regulate	•		1	•	2*			IP20	X 77, Y 77, Z 30	U	•	
PD-FLAT 360i/8 LARGE ROUND WHITE DALI SET (white, similar to RAL 9010)	EP10428661	360°	Ø 8 m	FM	1		Switching/Regulate	•		1	•	2*			IP20	X 104, Z 30	U	•	

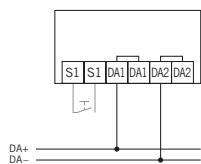
#### Presence detectors / Ceiling mounting / DALI-2

<b>DALI-2</b>																			
PD-FLAT-L 360/8 RW BMS DALI-2 (white, similar to RAL 9010)	EP10423055	360°	Ø 8 m	FM		16	Send values			1			301, 302, 303, 304		IP20	X 104, Z 30	Z	•	★
PD-FLAT 360/8 RW BMS DALI-2 (white, similar to RAL 9010)	EP10423031	360°	Ø 8 m	FM		16	Send values			1			301, 302, 303, 304		IP20	X 94, Z 30	Z	•	★
PD-FLAT 360/8 SW BMS DALI-2 (white, similar to RAL 9010)	EP10423024	360°	Ø 8 m	FM		16	Send values			1			301, 302, 303, 304		IP20	X 77, Y 77, Z 30	Z	•	★

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
<b>Accessories</b>					
<b>Cover</b>					
FLAT COVER GLASS ROUND BK	EP00007293	Cover for FLAT series, glass, round, black	X 94, Z 5	•	
FLAT COVER GLASS ROUND GY	EP00007323	Cover for FLAT series, glass, round, grey	X 94, Z 5	•	
FLAT COVER GLASS ROUND WH	EP00007255	Cover for FLAT series, glass, round, white	X 94, Z 5	•	
FLAT COVER GLASS SQUARE BK	EP00007309	Cover for FLAT series, glass, square, black	X 77, Y 77, Z 5	•	
FLAT COVER GLASS SQUARE WH	EP00007262	Cover for FLAT series, glass, square, white	X 77, Y 77, Z 5	•	
FLAT COVER LARGE ROUND BK	EP10428098	Cover for FLAT series, 105 mm, round, black	X 104, Z 5	•	
FLAT COVER LARGE ROUND WH	EP10428579	Cover for FLAT series, 105 mm, round, white	X 104, Z 5	•	
FLAT COVER ROUND BK	EP00007279	Cover for FLAT series, round, black	X 94, Z 5	•	
FLAT COVER ROUND GY	EP00007316	Cover for FLAT series, round, grey	X 94, Z 5	•	
FLAT COVER ROUND WH	EP00007231	Cover for FLAT series, round, white	X 94, Z 5	•	

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
FLAT COVER SQUARE BK	EP00007286	Cover for FLAT series, square, black	X 77, Y 77, Z 5	•	
FLAT COVER SQUARE WH	EP00007248	Cover for FLAT series, square, white	X 77, Y 77, Z 5	•	
<b>Electrical accessories</b>					
ACTUATOR FULL AUTO C3 DALI	EP10427473	Modul for the conversion of bus commands from the DALI presence detector and other light controls into switching signals (fully automatic)	X 45, Y 45, Z 24	•	
ACTUATOR SEMI AUTO C4 DALI	EP10427480	Modul for the conversion of bus commands from the DALI presence detector and other light controls into switching signals (semi-automatic)	X 45, Y 45, Z 24	•	
POWER SUPPLY 200mA DALI	EC10430008	200mA power pack for supplying power to DALI operating units or DALI control modules that do not have their own power supply	X 48, Y 45, Z 25	•	
<b>Mounting</b>					
COMPACT MOUNTING BOX IP20 SM BK	EP10426933	Surface-mounted box for COMPACT series, IP20, black	X 104, Z 30	•	★
COMPACT MOUNTING BOX IP20 SM WH	EP10425370	Surface-mounted box for COMPACT series, IP20, white	X 104, Z 30	•	
FLAT MOUNTING SET IP20 FM	EP10426889	Recessed ceiling mounting set for FLAT series includes installation bracket and dust-protected box	X 63, Z 61	•	
<b>Protection</b>					
BASKET GUARD ROUND LARGE	EM10425608	Basket guard for presence and motion detectors and smoke detectors, Ø 180 mm, height 90 mm	X 180, Z 90	•	
BASKET GUARD ROUND SMALL	EM10425615	Basket guard for presence and motion detectors and smoke detectors, Ø 165 mm, height 70 mm	X 165, Z 70	•	
<b>Remote control</b>					
ESY-Pen	EP10425356	ESY-Pen and ESY-App, two tools for every task: (1) Parameterisation, (2) remote control, (3) light measurement, (4) project management	X 166, Y 24, Z 21,5	•	
REMOTE CONTROL MDi/PDi	EM10425509	IR remote control for presence detectors and motion detectors	X 100, Y 50, Z 9	•	
REMOTE CONTROL PDi DALI	EP10425899	IR remote control for DALI presence detectors and motion detectors	X 100, Y 50, Z 9	•	
REMOTE CONTROL PDi/USER	EM10425547	IR remote control for end users of presence detectors	X 100, Y 50, Z 9	•	
TELESCOPE MAGNET	EC10430022	Telescope magnet		•	

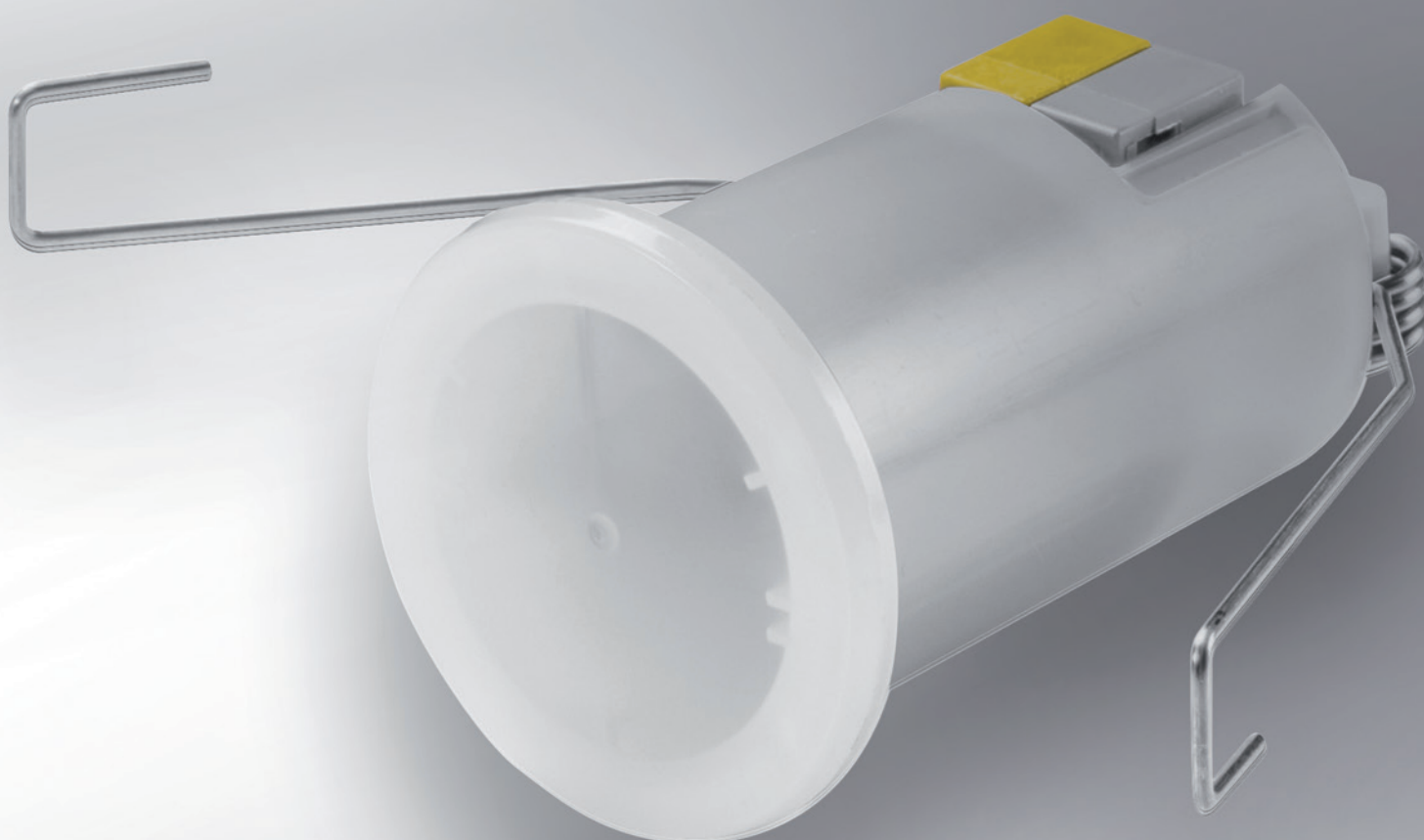
O		S	
	Standard operation.		Standard with optional control via a closing button and parallel wiring of max. ten devices.
T		U	
	Standard with optional control via a closing button and parallel wiring of max. ten devices.		Standard operation with optional control via a closing button.



Standard operation with optional control via a closing button.

- Smallest design with a flat lens

**5** YEARS  
MANUFACTURER  
WARRANTY



The FLAT mini sensors have arguably the most unobtrusive design for an intelligent sensor and are therefore a suitable alternative for rooms where the technology should remain in the background as discreetly as possible. Their tiny housings mean that they retreat unobtrusively into the background, while nevertheless keeping a close eye on everything due to their high-quality sensor technology. At the same time, the particularly simple installation is impressive: Using a spring clamp or locking ring and, if required, through simple integration into brand switches.

**ESY**  
CONTROL



Parameterisable with ESY-Pen and ESY-App.  
More on pages 178 - 179 or at: [esylux.asia/esy-pen](http://esylux.asia/esy-pen).

# FLAT MINI

## SAVES ENERGY WITHOUT BEING NOTICED

Particularly unobtrusive with a flat lens, an installation height of only 3 mm and a diameter of 33 mm

Automatic DALI light control at a constant brightness level, depending on presence and daylight (constant light control)

Immediately ready for use thanks to pre-installed factory settings

Automatic configuration of light ballasts (DALI Broadcast)

Simple programming using remote control

Manual override with DALI push buttons possible

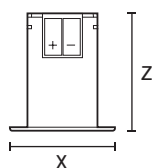
Can be combined with additional FLAT mini detectors to expand the presence detection (master/slave)

Reduction in light output after expiration of the switch-off delay time to provide an orientation light in hallways and passageways; with integrated switch-off warning

Option to extend with DALI switch from ESYLUX for presence-dependent HVAC control



### PRODUCT TYPES

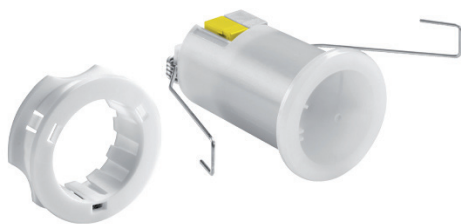


FIELD OF DETECTION	DETECTION RANGE	
		Ceiling 6 m
	■ Diagonally (A)	Ø 6 m
	■ Frontal (B)	-
	■ Presence area (C)	Ø 2,5 m

Note: Technical data for specific products can be found at [www.esylux.com](http://www.esylux.com).

# FLAT MINI

## INDOOR AUTOMATION / PRESENCE AND MOTION DETECTORS



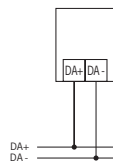
- Particularly unobtrusive with a flat lens, an installation height of only 3 mm and a diameter of 33 mm
- Automatic DALI light control at a constant brightness level, depending on presence and daylight (constant light control)
- Immediately ready for use thanks to pre-installed factory settings
- Automatic configuration of light ballasts (DALI Broadcast)
- Simple programming using remote control
- Manual override with DALI push buttons possible
- Can be combined with additional FLAT mini detectors to expand the presence detection (master/slave)
- Reduction in light output after expiration of the switch-off delay time to provide an orientation light in hallways and passageways; with integrated switch-off warning
- Option to extend with DALI switch from ESYLUX for presence-dependent HVAC control

\* With additional DALI actuator ACTUATOR C3/C4 DALI as accessory.

Product group/product name	Item no.	Detection angle	Detection range	Installation type	Number of light channels	Number of light groups	Function	Constant lighting control	Symbiologic	Push button input lighting	Adjustable switch-off delay time	Number of HVAC-channels	DALI-2 device type	Push button input HVAC	Protection type	Dimensions (mm)	Circuit diagram	Core portfolio	New product
<b>Presence detectors / Ceiling mounting / DALI</b>																			
<b>DALI</b>																			
PD-FLAT 360i/6 mini DALI (opal matt)	EP10427503	360°	Ø 6 m	RM	1		Switching/Regulate	•			•	2*			IP55	X 33, Z 48	AF	•	

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
<b>Accessories</b>					
<b>Electrical accessories</b>					
ACTUATOR FULL AUTO C3 DALI	EP10427473	Modul for the conversion of bus commands from the DALI presence detector and other light controls into switching signals (fully automatic)	X 45, Y 45, Z 24	•	
ACTUATOR SEMI AUTO C4 DALI	EP10427480	Modul for the conversion of bus commands from the DALI presence detector and other light controls into switching signals (semi-automatic)	X 45, Y 45, Z 24	•	
POWER SUPPLY 200mA DALI	EC10430008	200mA power pack for supplying power to DALI operating units or DALI control modules that do not have their own power supply	X 48, Y 45, Z 25	•	
<b>Remote control</b>					
ESY-Pen	EP10425356	ESY-Pen and ESY-App, two tools for every task: (1) Parameterisation, (2) remote control, (3) light measurement, (4) project management	X 166, Y 24, Z 21,5	•	
REMOTE CONTROL PDi DALI	EP10425899	IR remote control for DALI presence detectors and motion detectors	X 100, Y 50, Z 9	•	
REMOTE CONTROL PDi/USER	EM10425547	IR remote control for end users of presence detectors	X 100, Y 50, Z 9	•	





Standard operation.

- Optimised for controlling LED lights
- High-quality technology at an entry-level price

**5** YEARS  
MANUFACTURER  
WARRANTY



The BASIC presence and motion detectors offer a simply entry route into demand-driven building automation for intelligent light control. They are particularly suitable for cost-sensitive projects or areas of the building where simple functionality is sufficient — and due to the high-quality PIR and light sensors from ESYLUX still provide quality, energy efficiency and comfort.

Parameterisable with ESY-Pen and ESY-App.  
More on pages 178 - 179 or at: [esylux.asia/esy-pen](http://esylux.asia/esy-pen).

# BASIC

## FULL ENERGY EFFICIENCY ON A SMALL BUDGET

Demand-driven lighting switching

Control of LED lights with zero-cross switching (ceiling detector) or tungsten pre-contact (wall detector)

Adjustment options via remote control ("I" versions) or adjustment control, e.g. fully automatic system/semi-automatic system, light values, switch-off delay times or button functions

Switching delay prevents switching errors due to short-term change in brightness

Manual override with stairwell light function on detectors with push button input

Wide range of installation options (ceiling, surface-mounted box, wall mounting)

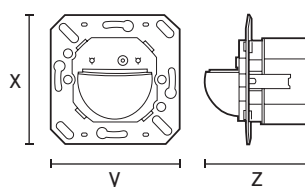
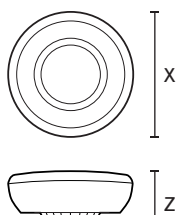
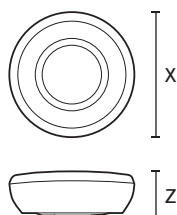
Covers and frame for wall detector available as an accessory

Compatible with conventional brand switch systems for a uniform design

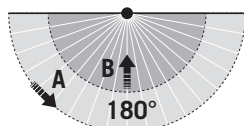
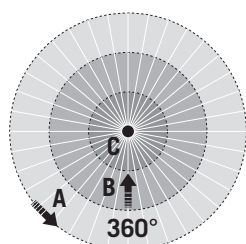
Simple parameterisation, remote control and documentation of remotely controlled variants via ESY-Pen and ESY-App



### PRODUCT TYPES



### FIELD OF DETECTION



### DETECTION RANGE

	Ceiling 8 m	Ceiling 24 m	Wall 16 m
■ Diagonally (A)	Ø 8 m	Ø 24 m	Ø 16 m
■ Frontal (B)	Ø 6 m	Ø 11 m	Ø 12 m
■ Presence area (C)	Ø 4 m	Ø 8 m	-

Note: Technical data for specific products can be found at [www.esylux.com](http://www.esylux.com).



- Demand-driven lighting switching
- Control of LED lights with zero-cross switching (ceiling detector) or tungsten pre-contact (wall detector)
- Adjustment options via remote control ("i" versions) or adjustment control, e.g. fully automatic system/semi-automatic system, light values, switch-off delay times or button functions
- Switching delay prevents switching errors due to short-term change in brightness
- Manual override with stairwell light function on detectors with push button input
- Wide range of installation options (ceiling, surface-mounted box, wall mounting)
- Covers and frame for wall detector available as an accessory
- Compatible with conventional brand switch systems for a uniform design
- Simple parameterisation, remote control and documentation of remotely controlled variants via ESY-Pen and ESY-App

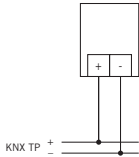
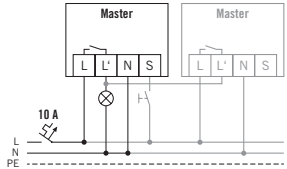
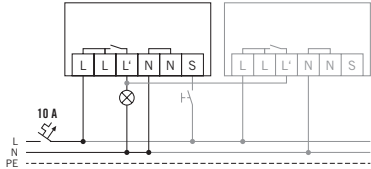
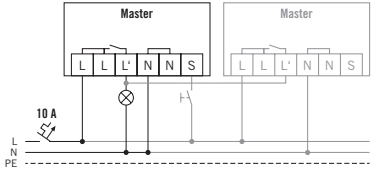
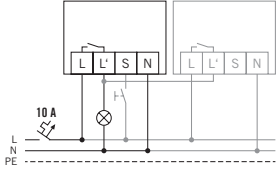
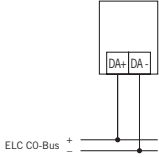
Product group/product name	Item no.	Detection angle	Detection range	Installation type	Number of light channels	Function	Constant lighting control	Push button input lighting	In-rush current	Adjustable switch-off delay time	Number of HVAC-channels	Push button input HVAC	Slave input	Protection type	Dimensions (mm)	Circuit diagram	Core portfolio	New product
<b>Motion detectors / Ceiling mounting / ON/OFF</b>																		
<b>ON/OFF</b>																		
MD 360/8 BASIC (white, similar to RAL 9010)	EB10430404	360°	Ø 8 m	SM	1	Switching		1	78 A / 5 ms	•				IP40	X 101, Z 33	V	•	
MD 360/8 BASIC SMB (white, similar to RAL 9010)	EB10430497	360°	Ø 8 m	SM	1	Switching		1	78 A / 5 ms	•				IP40	X 101, Z 50	V	•	
MD 360/8 BASIC IP54 (white, similar to RAL 9010)	EB10431340	360°	Ø 8 m	SM	1	Switching		1	78 A / 5 ms	•				IP54	X 102, Z 51	V		★
MD 360i/8 BASIC (white, similar to RAL 9010)	EB10430428	360°	Ø 8 m	SM	1	Switching		1	78 A / 5 ms	•				IP40	X 101, Z 33	V	•	
MD 360i/8 BASIC SMB (white, similar to RAL 9010)	EB10430466	360°	Ø 8 m	SM	1	Switching		1	78 A / 5 ms	•				IP40	X 101, Z 50	V	•	
MD 360i/8 BASIC IP54 (white, similar to RAL 9010)	EB10431319	360°	Ø 8 m	SM	1	Switching		1	78 A / 5 ms	•				IP54	X 102, Z 51	V		★
MD 360/24 BASIC SMB (white, similar to RAL 9010)	EB10430886	360°	Ø 24 m	SM	1	Switching		1	78 A / 5 ms	•				IP40	X 101, Z 73	V	•	
MD 360/24 BASIC IP54 (white, similar to RAL 9010)	EB10431333	360°	Ø 24 m	SM	1	Switching		1	78 A / 5 ms	•				IP54	X 102, Z 71	V	•	★
MD 360i/24 BASIC (white, similar to RAL 9010)	EB10430862	360°	Ø 24 m	SM	1	Switching		1	78 A / 5 ms	•				IP40	X 101, Z 53	V	•	
MD 360i/24 BASIC SMB (white, similar to RAL 9010)	EB10430909	360°	Ø 24 m	SM	1	Switching		1	78 A / 5 ms	•				IP40	X 101, Z 73	V	•	
MD 360i/24 BASIC IP54 (white, similar to RAL 9010)	EB10431326	360°	Ø 24 m	SM	1	Switching		1	78 A / 5 ms	•				IP54	X 102, Z 71	V	•	★
MD 360/24 BASIC (white, similar to RAL 9010)	EB10430848	360°	Ø 24 m	SM	1	Switching		1	78 A / 5 ms	•				IP40	X 101, Z 53	V	•	
<b>Motion detectors / Wall mounting / ON/OFF</b>																		
<b>ON/OFF</b>																		
MD 180i/16 BASIC (opal matt)	EB10430459	180°	Ø 16 m	FM	1	Switching		1	800 A / 200 µs	•				IP40	X 70, Y 70, Z 55	X	•	
<b>Presence detectors / Ceiling mounting / ELC</b>																		
<b>ELC</b>																		
PD 360i/8 BASIC ELC (white, similar to RAL 9010)	EB10431357	360°	Ø 8 m	SM	4	Send values	•			•	2			IP20	X 101, Z 33	Y	•	
<b>Presence detectors / Ceiling mounting / KNX</b>																		
<b>KNX</b>																		
PD 360/8 KNX BASIC (white, similar to RAL 9010)	EB10430442	360°	Ø 8 m	SM	1	Switching				•		•		IP40	X 101, Z 33	0	•	

Product group/product name	Item no.	Detection angle	Detection range	Installation type	Number of light channels	Function	Constant lighting control	Push button input lighting	In-rush current	Adjustable switch-off delay time	Number of HVAC-channels	Push button input HVAC	Slave input	Protection type	Dimensions (mm)	Circuit diagram	Core portfolio	New product
<b>Presence detectors / Ceiling mounting / ON/OFF</b>																		
<b>ON/OFF</b>																		
PD 360/8 BASIC (white, similar to RAL 9010)	EB10430411	360°	Ø 8 m	SM	1	Switching		1	78 A / 5 ms	•				IP40	X 101, Z 33	T	•	
PD 360/8 BASIC SMB (white, similar to RAL 9010)	EB10430480	360°	Ø 8 m	SM	1	Switching		1	78 A / 5 ms	•				IP40	X 101, Z 50	T	•	
PD 360/8 BASIC IP54 (white, similar to RAL 9010)	EB10431302	360°	Ø 8 m	SM	1	Switching		1	78 A / 5 ms	•				IP54	X 102, Z 51	T		★
PD 360i/8 BASIC (white, similar to RAL 9010)	EB10430435	360°	Ø 8 m	SM	1	Switching		1	78 A / 5 ms	•				IP40	X 101, Z 33	T	•	
PD 360i/8 BASIC SMB (white, similar to RAL 9010)	EB10430473	360°	Ø 8 m	SM	1	Switching		1	78 A / 5 ms	•				IP40	X 101, Z 50	T	•	
PD 360i/8 BASIC IP54 (white, similar to RAL 9010)	EB10431272	360°	Ø 8 m	SM	1	Switching		1	78 A / 5 ms	•				IP54	X 102, Z 51	T		★
PD 360/24 BASIC (white, similar to RAL 9010)	EB10430855	360°	Ø 24 m	SM	1	Switching		1	78 A / 5 ms	•				IP40	X 101, Z 53	W	•	
PD 360/24 BASIC SMB (white, similar to RAL 9010)	EB10430893	360°	Ø 24 m	SM	1	Switching		1	78 A / 5 ms	•				IP40	X 101, Z 73	W	•	
PD 360/24 BASIC IP54 (white, similar to RAL 9010)	EB10431289	360°	Ø 24 m	SM	1	Switching		1	78 A / 5 ms	•				IP54	X 102, Z 71	W	•	★
PD 360i/24 BASIC (white, similar to RAL 9010)	EB10430879	360°	Ø 24 m	SM	1	Switching		1	78 A / 5 ms	•				IP40	X 101, Z 53	W	•	
PD 360i/24 BASIC SMB (white, similar to RAL 9010)	EB10430916	360°	Ø 24 m	SM	1	Switching		1	78 A / 5 ms	•				IP40	X 101, Z 73	W	•	
PD 360i/24 BASIC IP54 (white, similar to RAL 9010)	EB10431296	360°	Ø 24 m	SM	1	Switching		1	78 A / 5 ms	•				IP54	X 102, Z 71	W	•	★

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
<b>Accessories</b>					
<b>Cover</b>					
BASIC 24 LENS MASK	EB10423109	Spare part Lens mask 24/32 m	X 68, Z 25	•	★
BASIC 8 LENS MASK	EB10423093	Spare part Lens mask 8 m	X 47, Z 7,2	•	★
BASIC IP54 24 LENS MASK	EB10423505	Spare part Lens mask 24 m IP54	X 60, Z 25	•	★
BASIC IP54 8 LENS MASK	EB10423512	Spare part Lens mask 8 m IP54	X 40, Z 7	•	★
COVER BER MOD2 IP20 PWH	EP10427121	Cover for wall detector fits with Berker module 2, IP20, polar white	X 55, Y 55, Z 27		
COVER BER MOD2 IP20 WH	EP10427138	Cover for wall detector fits with Berker module 2, IP20, white	X 55, Y 55, Z 27		
COVER BER S1 IP20 PWH	EP10427107	Cover for wall detector fits with Berker S.1, IP20, polar white	X 55, Y 55, Z 27	•	
COVER BER S1 IP20 WH	EP10427114	Cover for wall detector fits with Berker S.1, IP20, white	X 55, Y 55, Z 27		
COVER BUJ REF IP20 WH	EP10427145	Cover for wall detector fits with Busch-Jäger Reflex, IP20, white	X 55, Y 55, Z 27	•	
COVER GIR S55 IP20 CWH	EP10427176	Cover for wall detector fits with Gira Standard 55, IP20, cream white	X 55, Y 55, Z 27		
COVER GIR S55 IP20 WH	EP10427169	Cover for wall detector fits with Gira Standard 55, IP20, white	X 55, Y 55, Z 27	•	
COVER IP20 AN	EM10055133	Cover for wall detectors from the STANDARD series, IP20, anthracite, similar to RAL 7021	X 87, Y 87, Z 29	•	
COVER IP20 CWH	EM10055126	Cover for wall detectors from the STANDARD series, IP20, cream white, similar to RAL 1013	X 87, Y 87, Z 29	•	
COVER IP20 SR	EM10055140	Cover for wall detectors from the STANDARD series, IP20, silver	X 87, Y 87, Z 29	•	
COVER IP20 SWH	EM10055119	Cover for wall detectors from the STANDARD series, IP20, white, similar to RAL 9016	X 87, Y 87, Z 29	•	
COVER IP20 WH	EM10055102	Cover for wall detectors from the STANDARD series, IP20, white, similar to RAL 9010	X 87, Y 87, Z 29	•	
COVER IP44 WH	EM10055157	Cover for wall detectors from the STANDARD series, IP44, white	X 87, Y 87, Z 67	•	
<b>Mounting</b>					
BASIC SPACER WH	EB10423130	Spacer for BASIC series, white, compatible with BASIC IP40 variants	X 78,2, Y 27, Z 16	•	★



Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
MOUNTING BOX IP44 SM WH	EM10055164	Surface-mounted box for wall detectors from the STANDARD series, IP44, white	X 87, Y 87, Z 49	•	
MOUNTING SET IP20 FM 62 WH	EP10425929	Recessed ceiling mounting set includes installation bracket and dust-protected box, 62 mm	X 63, Z 62	•	
<b>Protection</b>					
BASKET GUARD ROUND LARGE	EM10425608	Basket guard for presence and motion detectors and smoke detectors, Ø 180 mm, height 90 mm	X 180, Z 90	•	
BASKET GUARD ROUND SMALL	EM10425615	Basket guard for presence and motion detectors and smoke detectors, Ø 165 mm, height 70 mm	X 165, Z 70	•	
<b>Remote control</b>					
ESY-Pen	EP10425356	ESY-Pen and ESY-App, two tools for every task: (1) Parameterisation, (2) remote control, (3) light measurement, (4) project management	X 166, Y 24, Z 21,5	•	
REMOTE CONTROL MDi/PDi	EM10425509	IR remote control for presence detectors and motion detectors	X 100, Y 50, Z 9	•	

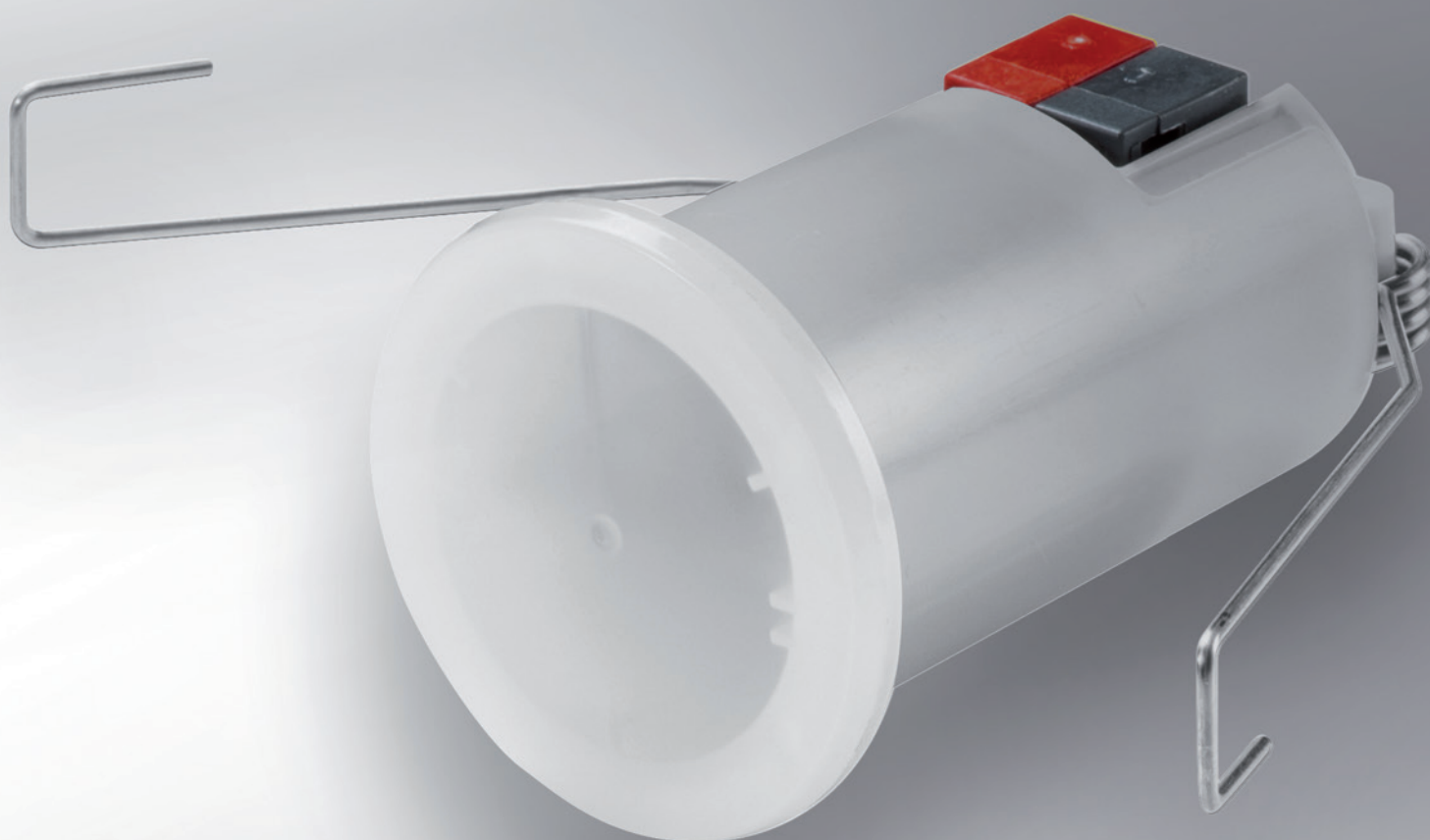
0		T	
V		W	
X		Y	





- Smallest design with a flat lens

**5** YEARS  
MANUFACTURER  
WARRANTY



The LS FLAT mini KNX dimmer switch ensures that a better level of individuality, flexibility and energy efficiency can be achieved for any KNX lighting control system. Hidden in a tiny housing, its light measurement can be used to switch, regulate or control two separate light channels. It can align two external light values with its own value, thereby providing almost unlimited possibilities for multi-point measurements and cascading.

# FLAT MINI SAVES ENERGY WITHOUT BEING NOTICED

Switches, controls and regulates up to two separate light channels

Can be combined with presence and motion detectors as well as additional light sensors for optimal control and regulation of large or complex room situations

Extensive measuring range of the internal light sensor of up to 10,000 lux

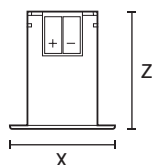
Flat lens with an installation height of only 3 mm and a diameter of 33 mm

Light channels can be configured extensively

With orientation light and twilight switch function



## PRODUCT TYPES



# FLAT MINI

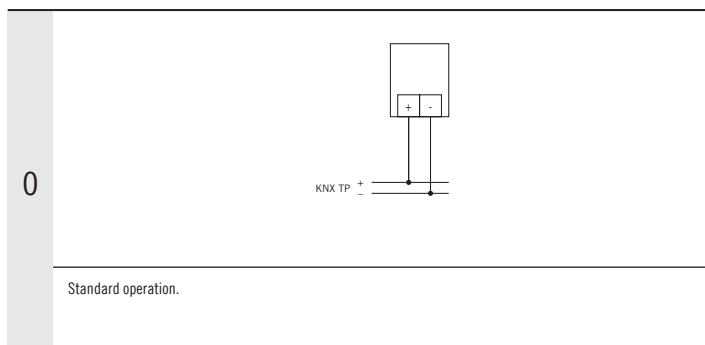
## INDOOR AUTOMATION / BRIGHTNESS CONTROLLER

- Switches, controls and regulates up to two separate light channels
- Can be combined with presence and motion detectors as well as additional light sensors for optimal control and regulation of large or complex room situations
- Extensive measuring range of the internal light sensor of up to 10,000 lux
- Flat lens with an installation height of only 3 mm and a diameter of 33 mm
- Light channels can be configured extensively
- With orientation light and twilight switch function



Product group/product name	Item no.	Detection angle	Detection range	Installation type	Number of light channels	Function	Constant lighting control	Push button input lighting	In-rush current	Adjustable switch-off delay time	Number of HVAC-channels	Push button input HVAC	Slave input	Protection type	Dimensions (mm)	Circuit diagram	Core portfolio	New product
Brightness controller / Ceiling mounting / KNX																		
KNX																		
LS FLAT mini KNX (opal matt)	ED10429002			RM	2		•								IP55 X 33, Z 48	0	•	

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
Accessories					
Adapter					
COMPACT MINI SPOTLIGHT ADAPTER 51/25	EP10426391	Adapter for COMPACT MINI (8 m and 12 m) series for installing motion and presence detectors in spotlights (illuminant size QR-CBC51-Ø 51 mm) with retaining ring	X 51, Z 3	•	









- ELC lights and ELC sensor systems are quick to connect via plug-and-play
- Lights can be grouped, scaled and networked via plug-and-play
- Immediate commissioning without programming

**5** YEARS  
MANUFACTURER  
WARRANTY



The SMARTDRIVER is an integrated control unit for system lights with ESYLUX Light Control (ELC) that enables easy room-by-room modernisation using plug-and-play, without any programming effort. The system lights combine ELC control units, ELC sensor systems, ELC ceiling lights and cabling to implement presence- and daylight-dependent lighting. These system lights also meet the highest standards for energy-efficient human centric lighting with SymbiLogic technology. Lights manufactured by third parties can also be integrated into and controlled by the system.



Parameterisable with ESY-Pen and ESY-App.  
More on pages 178 - 179 or at: [esylux.asia/esy-pen](http://esylux.asia/esy-pen).

# SMARTDRIVER-2

## INTELLIGENT LIGHT CONTROL VIA PLUG-AND-PLAY

ELC control unit with compact, easy-to-install housing for room-by-room modernisation via plug-and-play

Variants for energy-efficient human centric lighting (SymbiLogic) and presence- and daylight- dependent constant light control

Quick and easy scaling to different room sizes

Simple grouping by plug connection

Up to four light channels that can be overridden separately or by scene

Intuitive ESYLUX multifunction button (accessory)

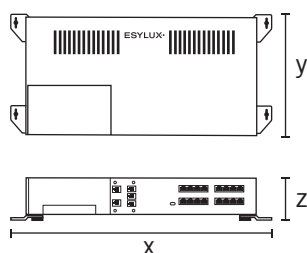
Two inputs for conventional 230 V buttons

Two DALI control outputs for additional DALI lights (includes DT8)

Presence-dependent HVAC switching via a DALI actuator (accessory)



### PRODUCT TYPES



# SMARTDRIVER-2

## INDOOR AUTOMATION / CONTROLS



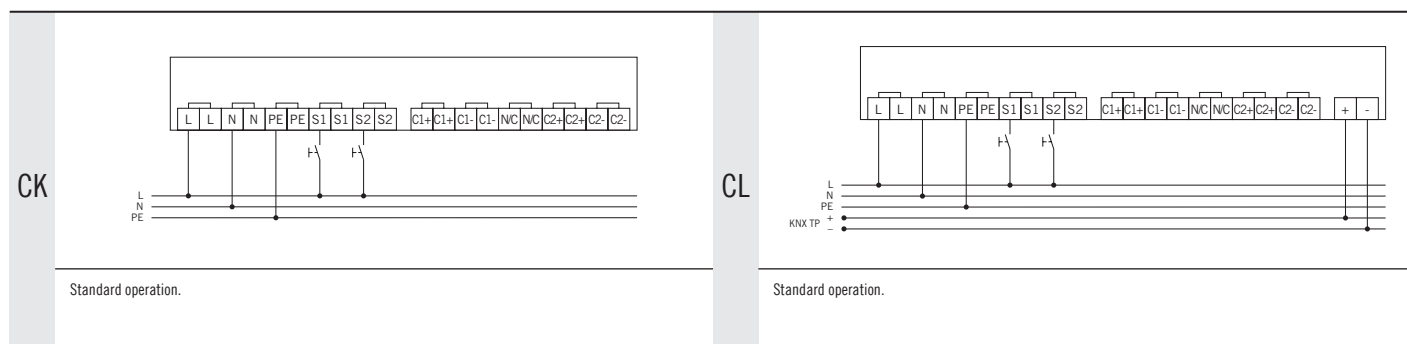
- ELC control unit with compact, easy-to-install housing for room-by-room modernisation via plug-and-play
- Variants for energy-efficient human centric lighting (SymbiLogic) and presence- and daylight-dependent constant light control
- Quick and easy scaling to different room sizes
- Simple grouping by plug connection
- Up to four light channels that can be overridden separately or by scene
- Intuitive ESYLUX multifunction button (accessory)
- Two inputs for conventional 230 V buttons
- Two DALI control outputs for additional DALI lights (includes DT8)
- Presence-dependent HVAC switching via a DALI actuator (accessory)

Product group/product name	Item no.	Number of light channels	Number of outputs luminaires ELC	Number of outputs luminaires DALI	Number of control units per group	Number of HVAC-channels	Orientation light	Constant lighting control	Orientation light duration or time	HCL-lighting control	Push button input lighting	Number of scenes	BT (Bluetooth)	KNX	ELC	Dimensions (mm)	Circuit diagram	Core portfolio	New product
<b>Controls / ELC</b>																			
SMARTDRIVER-2 IR 4C+2 x4 ELC (white)	EC10431401	4	4	2	20	2	10 – 50 %	•	•		2	4			•	X 555, Y 258, Z 85	CK		★
SMARTDRIVER-2 IR 4C+2 x8 ELC (white)	EC10431425	4	8	2	10	2	10 – 50 %	•	•		2	4			•	X 555, Y 258, Z 85	CK		★
SMARTDRIVER-2 TW IR 2C+2 x4 ELC (white)	EC10431418	2	4	2	10	2	10 – 50 %	•	•	•	2	13			•	X 555, Y 258, Z 85	CK		★
SMARTDRIVER-2 TW IR 2C+2 x6 ELC (white)	EC10431487	2	6	2	6	2	10 – 50 %	•	•	•	2	13			•	X 555, Y 258, Z 85	CK		★
SMARTDRIVER-2 TW IR 2C+2 x8 ELC (white)	EC10431494	2	8	2	5	2	10 – 50 %	•	•	•	2	13			•	X 555, Y 258, Z 85	CK		★

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
<b>Cable</b>					
CABLE RJ10 10m WH	EC10431500	C0 bus cable RJ10, 10 m, white	X 10000	•	
CABLE RJ10-OPEN END 10m WH	EC10431517	C0 bus cable RJ10 and open end, 10 m, white	X 10000	•	
CABLE RJ11 10m WH	EC10431524	ELC bus cable RJ11, 10m, white	X 10000	•	
CABLE RJ45 10m BL	EQ10019999	Connection cable RJ45, 10 m, blue	X 10000	•	
CABLE RJ45 10m RD	EQ10020155	Connection cable RJ45, 10 m, red	X 10000	•	
CABLE RJ45 10m WH	EC10430749	Connection cable RJ45, 10 m, white	X 10000	•	
CABLE RJ45 5m BL	EQ10019982	Connection cable RJ45, 5 m, blue	X 5000	•	
CABLE RJ45 5m RD	EQ10019890	Connection cable RJ45, 5 m, red	X 5000	•	
CABLE RJ45 5m WH	EC10430695	Connection cable RJ45, 5 m, white	X 5000	•	
CABLE-SET RJ45 10m TW x4	EC10431135	Connection cable set for SMARTDRIVER x4 TW series	X 10000	•	
CABLE-SET RJ45 10m TW x6	EC10431173	Connection cable set for SMARTDRIVER x6 TW series	X 10000	•	
CABLE-SET RJ45 10m x4	EC10431159	Connection cable set for SMARTDRIVER x4 series	X 10000	•	



Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
CABLE-SET RJ45 10m x8	EC10431234	Connection cable set for SMARTDRIVER x8 series	X 10000	•	
CABLE-SET RJ45 5m TW x4	EC10431128	Connection cable set for SMARTDRIVER x4 TW series	X 5000	•	
CABLE-SET RJ45 5m TW x6	EC10431166	Connection cable set for SMARTDRIVER x6 TW series	X 5000	•	
CABLE-SET RJ45 5m x4	EC10431142	Connection cable set for SMARTDRIVER x4 series	X 5000	•	
CABLE-SET RJ45 5m x8	EC10431227	Connection cable set for SMARTDRIVER x8 series	X 5000	•	
<b>Electrical accessories</b>					
ACTUATOR FULL AUTO C3 DALI	EP10427473	Modul for the conversion of bus commands from the DALI presence detector and other light controls into switching signals (fully automatic)	X 45, Y 45, Z 24	•	
ACTUATOR SEMI AUTO C4 DALI	EP10427480	Modul for the conversion of bus commands from the DALI presence detector and other light controls into switching signals (semi-automatic)	X 45, Y 45, Z 24	•	
<b>Push button</b>					
PUSH BUTTON x4 PATIENT ROOM ELC	EC10431258	DALI 4-way push button	X 71, Y 71, Z 21,5	•	
PUSH BUTTON x8 CLASSROOM ELC	EC10431241	DALI 8-way push button	X 71, Y 71, Z 21,5	•	
PUSH BUTTON x8 ELC	EC10430923	DALI 8-way push button	X 71, Y 71, Z 21,5	•	
PUSH BUTTON x8 PATIENT ROOM ELC	EC10431265	DALI 8-way push button	X 71, Y 71, Z 21,5	•	
PUSH BUTTON x8 TW ELC	EC10430930	DALI 8 x push button Tunable White	X 71, Y 71, Z 21,5	•	





The actuators in the DIN Rail series convert digital telegram commands in bus systems into switching and setting actions. This enables the components in the building, such as the lighting, blinds, heating and ventilation, to be controlled conveniently.

# DIN RAIL

## SCALABLE MODULARITY FOR KNX

Modules for the conversion of bus commands into switching or dimming signals

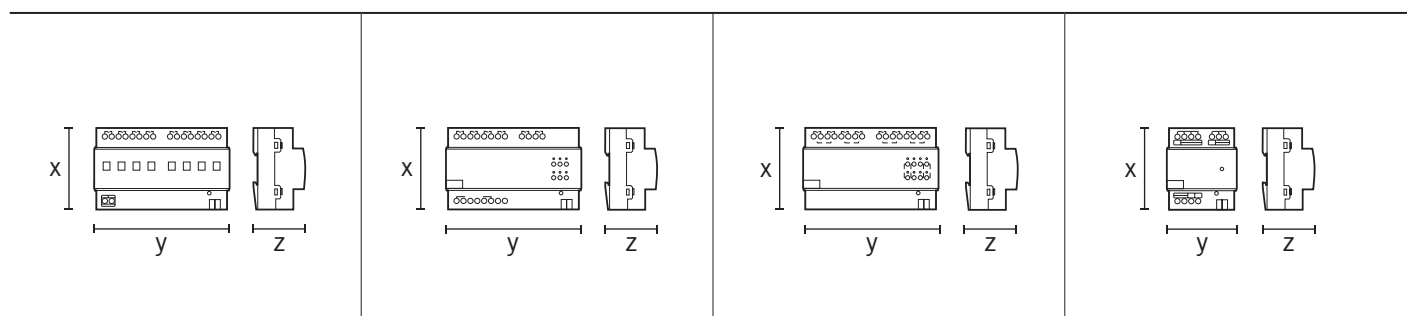
Switching, dimming, blind and HVAC modules for the intelligent control of lighting and other consumers (e.g. blinds, heating and ventilation)

For use in KNX (EIB), TP (twisted pair) bus system in conjunction with other KNX components

Parameter and function settings via ETS (Engineering Tool Software)



### PRODUCT TYPES



Product group/product name	Item no.	Installation type	230 V (ON / OFF)	1 – 10 V	DALI	ELC	BT (Bluetooth)	KNX	UC / 12 – 36 V	Dimensions (mm)	Circuit diagram	Core portfolio	New product
<b>Actuators / KNX</b>													
CU-DIN DIM 4-CH 1.5A KNX (grey)	EC10430312	DIN rail	•					•		X 90, Y 216, Z 65			
CU-DIN DIM 6-CH 0...10V KNX (grey)	EC10430329	DIN rail	•	•				•		X 90, Y 144, Z 65			
CU-DIN R 12-CH 16A KNX (grey)	EC10430305	DIN rail	•					•		X 90, Y 216, Z 65			
CU-DIN R 4-CH 16A KNX (grey)	EC10430282	DIN rail	•					•		X 90, Y 72, Z 65			
CU-DIN R 8-CH 16A KNX (grey)	EC10430299	DIN rail	•					•		X 90, Y 144, Z 65			
CU-DIN SB 2-CH 10A KNX (grey)	EC10430343	DIN rail	•					•		X 90, Y 72, Z 65			
CU-DIN SB 4-CH 10A KNX (grey)	EC10430350	DIN rail	•					•		X 90, Y 144, Z 65			
CU-DIN SB 6-CH 10A KNX (grey)	EC10430367	DIN rail	•					•		X 90, Y 216, Z 65			

Note: Technical data for specific products can be found at [www.esylux.com](http://www.esylux.com).



- Pre-configured, ready-to-install ELC integrated solution with plug-and-play installation
- Smart factory settings for immediate commissioning
- Variant with SymbiLogic technology for energy-efficient Human Centric Lighting

**5** YEARS  
MANUFACTURER  
WARRANTY

The ELC lighting systems are an ideal solution for workplace lighting in office buildings, educational and healthcare facilities. The sets are installed by plug-and-play with no programming required. The combination of the master and slave luminaires with directly integrated sensors and control unit delivers high-quality lighting with intelligent, presence and daylight dependent control — and at the highest configuration level it produces the biologically effective light of the SymbiLogic technology.

**ESY**  
CONTROL

+



Parameterisable with ESY-Pen and ESY-App.  
More on pages 178 - 179 or at: [esylux.asia/esy-pen](http://esylux.asia/esy-pen).

# ESYLUX LIGHT CONTROL ELC

## INTELLIGENT WORKLIGHT VIA PLUG-AND-PLAY


Automated lighting solution with no programming required

Easily scalable for smaller and larger offices

Easy plug-and-play installation

Cost-efficient: Price per square metre from EUR 60 incl. SymbiLogic technology for energy-efficient human centric lighting (Colour temperature: Tunable White, 2700 – 6500 K)

Flicker-free light for healthy and fatigue-free working



Ready-to-install integrated solution for offices of up to approx. 20 m²: 4x LED panel lights for ceiling systems, sensor system, control unit, cable (please note any special features and restrictions of the ceiling system manufacturer)

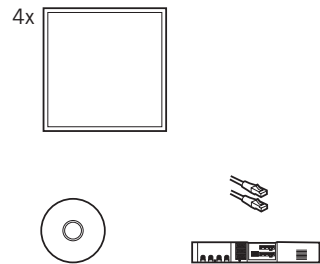
Long lifetime due to positioning of LEDs on rear

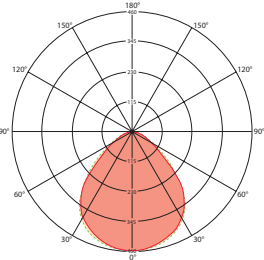
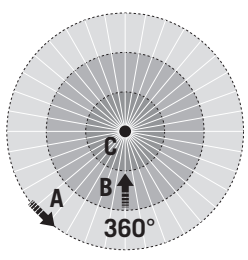
Up to 60% reduction in installation time

Alternatively: fixed Colour temperature 3000 K or 4000 K (constant lighting control)

Suitable for computer workstations (UGR ≤ 19)

PRODUCT TYPES



LIGHT DISTRIBUTION		FIELD OF DETECTION		DETECTION RANGE	
					Ceiling 8 m
				■ Diagonally (A)	Ø 8 m
				■ Frontal (B)	Ø 6 m
				■ Presence area (C)	Ø 4 m

Note: Technical data for specific products can be found at [www.esylux.com](http://www.esylux.com).



# ESYLUX LIGHT CONTROL ELC

## INDOOR LIGHTING / PRE-CONFIGURED LIGHTING SYSTEMS



- Automated lighting solution with no programming required
- Ready-to-install integrated solution for offices of up to approx. 20 m²: 4x LED panel lights for ceiling systems, sensor system, control unit, cable (please note any special features and restrictions of the ceiling system manufacturer)
- Easily scalable for smaller and larger offices
- Long lifetime due to positioning of LEDs on rear
- Easy plug-and-play installation
- Up to 60% reduction in installation time
- Cost-efficient: Price per square metre from EUR 60 incl. SybiLogic technology for energy-efficient human centric lighting (Colour temperature: Tunable White, 2700 – 6500 K)
- Alternatively: fixed Colour temperature 3000 K or 4000 K (constant lighting control)
- Flicker-free light for healthy and fatigue-free working
- Suitable for computer workstations (UGR ≤ 19)
- Also suitable for recessed ceiling mounting or surface ceiling mounting with accessories
- Rated life time  $L_{80B_{50}}$  at 25 °C: 70000 h (600 / 625)
- Rated life time  $L_{80B_{50}}$  at 25 °C: 60000 h (1200 / 1250)

Product group/product name	Item no.	Light colour (IEC 1231)	Luminous flux	Rated output P	Luminous efficacy	Unified Glare Rating	Glare suppression	Diffuser	Protection type	Control system	BT (Bluetooth)	Sensor	Energy efficiency class	Dimensions (mm)	Circuit diagram	Core portfolio	New product
<b>CELINE-2 / 2700 – 6500 K / 600 x 600 mm</b>																	
QUADRO-SET CELINE-2 HCL 600 DDP OP 8TW IR ELC (white, similar to RAL 9016)	EQ10132438	8TW	16000 lm	132 W	121 lm/W	≤ 19	DDP	OP	IP20	ELC	•	•	LED E E E E	X 596, Y 596, Z 65			★
QUADRO-SET CELINE-2 HCL 600 DDP TR 8TW IR ELC (white, similar to RAL 9016)	EQ10132452	8TW	17600 lm	132 W	133 lm/W	≤ 19	DDP	TR	IP20	ELC	•	•	LED E E E E	X 596, Y 596, Z 65			★
<b>CELINE-2 / 4000 K / 600 x 600 mm</b>																	
QUADRO-SET CELINE-2 600 DDP OP 840 IR ELC (white, similar to RAL 9016)	EQ10132421	840	16800 lm	132 W	127 lm/W	≤ 19	DDP	OP	IP20	ELC	•	•	LED E E E E	X 596, Y 596, Z 65			★
QUADRO-SET CELINE-2 600 DDP TR 840 IR ELC (white, similar to RAL 9016)	EQ10132445	840	18400 lm	132 W	139 lm/W	< 19	DDP	TR	IP20	ELC	•	•	LED E E E E	X 596, Y 596, Z 65			★

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
<b>Accessories</b>					
<b>Electrical accessories</b>					
ACTUATOR FULL AUTO C3 DALI	EP10427473	Modul for the conversion of bus commands from the DALI presence detector and other light controls into switching signals (fully automatic)	X 45, Y 45, Z 24	•	
ACTUATOR SEMI AUTO C4 DALI	EP10427480	Modul for the conversion of bus commands from the DALI presence detector and other light controls into switching signals (semi-automatic)	X 45, Y 45, Z 24	•	
<b>Cable</b>					
CABLE RJ10 10m WH	EC10431500	C0 bus cable RJ10, 10 m, white	X 10000	•	
CABLE RJ10-OPEN END 10m WH	EC10431517	C0 bus cable RJ10 and open end, 10 m, white	X 10000	•	
CABLE RJ11 10m WH	EC10431524	ELC bus cable RJ11, 10m, white	X 10000	•	

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio New product
<b>Mounting</b>				
MOUNTING FRAME 600 FM WH	EQ10113086	Flush-mounted ceiling installation frame 600 for panel lights	X 635,4, Y 635, Z 48,2	•
MOUNTING FRAME 600 SM WH	EQ10113031	Surface-mounted ceiling installation frame 600 for panel lights	X 613,8, Y 614, Z 85	
MOUNTING FRAME 600/625 SM WH	EQ10113468	Surface-mounted ceiling installation frame 600/625 for panel lights	X 627,2, Y 627, Z 100	•
<b>Push button</b>				
PUSH BUTTON x4 PATIENT ROOM ELC	EC10431258	DALI 4-way push button	X 71, Y 71, Z 21,5	•
PUSH BUTTON x8 CLASSROOM ELC	EC10431241	DALI 8-way push button	X 71, Y 71, Z 21,5	•
PUSH BUTTON x8 ELC	EC10430923	DALI 8-way push button	X 71, Y 71, Z 21,5	•
PUSH BUTTON x8 PATIENT ROOM ELC	EC10431265	DALI 8-way push button	X 71, Y 71, Z 21,5	•
PUSH BUTTON x8 TW ELC	EC10430930	DALI 8 x push button Tunable White	X 71, Y 71, Z 21,5	•
<b>Remote control</b>				
ESY-Pen	EP10425356	ESY-Pen and ESY-App, two tools for every task: (1) Parameterisation, (2) remote control, (3) light measurement, (4) project management	X 166, Y 24, Z 21,5	•



- Freely configurable intelligent system lights
- Smart factory settings for immediate commissioning
- SymbiLogic Technology for energy-efficient Human Centric Lighting

The ESYLUX Light Control ELC technology is designed to radically simplify intelligent lighting and ventilation of rooms while at the same time offering the best possible light quality, even for those on a limited budget. You have the option to easily compile your own customised lighting system from various individual components, including ELC ceiling lights, ELC sensors, ELC control units (SMARTDRIVER), cables and other accessories. All items can be installed via plug-and-play, the system can be used immediately without any programming effort and rapid modernisation is possible during ongoing operation. The integrated SymbiLogic technology delivers energy-efficient Human Centric Lighting, while demand-driven ventilation ensures an optimal indoor climate.



Parameterisable with ESY-Pen and ESY-App.  
More on pages 178 - 179 or at: [esylux.asia/esy-pen](http://esylux.asia/esy-pen).

# ESYLUX LIGHT CONTROL ELC

## INTELLIGENT WORKLIGHT VIA PLUG-AND-PLAY

Error-free networking: simple grouping via plug-and-play

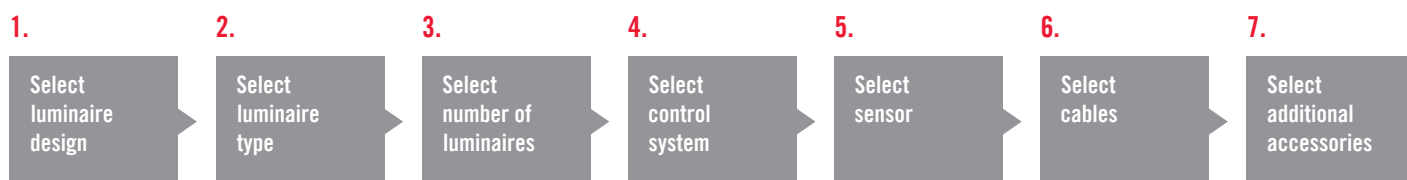
Includes quality of life: SymbiLogic technology for energy-efficient human centric lighting (light colour: Tunable White)

Plug-and-play in a new dimension: easy to configure in seven steps

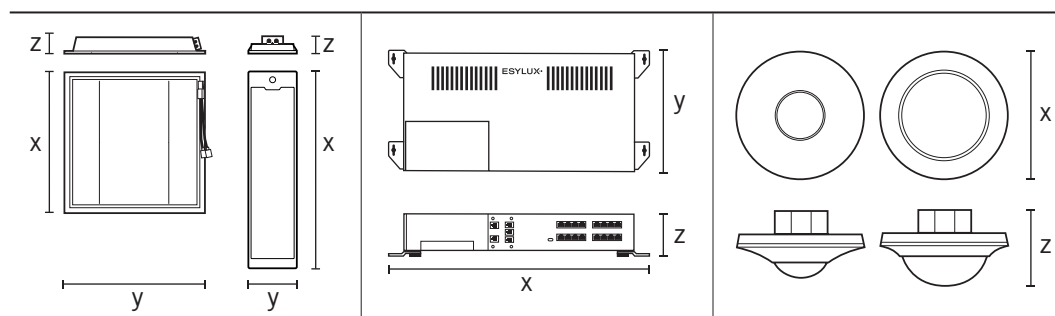
Individual control: convenient manual or digital operating options



### EASY TO CONFIGURE IN SEVEN STEPS



### PRODUCT TYPES



LIGHT DISTRIBUTION		FIELD OF DETECTION	DETECTION RANGE	
				Ceiling 8 m
			Diagonally (A)	Ø 8 m
			Frontal (B)	Ø 6 m
			Presence area (C)	Ø 4 m

CO, C90, CO / C90

Note: Technical data for specific products can be found at [www.esylux.com](http://www.esylux.com).







# ESYLUX LIGHT CONTROL ELC

## INDOOR LIGHTING | FREELY CONFIGURABLE LIGHTING SYSTEMS



- Includes quality of life: SymbiLogic technology for energy-efficient human centric lighting (light colour: Tunable White)
- Error-free networking: simple grouping via plug-and-play
- Individual control: convenient manual or digital operating options
- Plug-and-play in a new dimension: easy to configure in seven steps

Product group/product name	Item no.	Light colour (IEC 1231)	Luminous flux	Rated output P	Luminous efficacy	Unified Glare Rating	Glare suppression	Diffuser	Protection type	Control system	BT (Bluetooth)	Sensor	Energy efficiency class	Dimensions (mm)	Circuit diagram	Core portfolio	New product
<b>Recessed lights CELINE</b>																	
<b>2700 - 6500 K / 1200 x 300 mm / 30 W</b>																	
CELINE PNL 1200 LDP SO 3400 8TW IP20 ELC (white, similar to RAL 9003)	EQ10126123	8TW	3420 lm	32 W	106 lm/W	≤ 19	LDP	SO	IP20	ELC				A ↑ G X 1195, Y 296, Z 91			•
CELINE PNL 1200 LDP SO 3400 8TW IP20 IR PD ELC (white, similar to RAL 9003)	EQ10126260	8TW	3420 lm	32 W	106 lm/W	≤ 19	LDP	SO	IP20	ELC		•		A ↑ G X 1195, Y 296, Z 91			
CELINE PNL 1200 LDP TR 4100 8TW IP20 ELC (white, similar to RAL 9003)	EQ10126567	8TW	4060 lm	32 W	126 lm/W	≤ 19	LDP	TR	IP20	ELC				A ↑ G X 1195, Y 296, Z 91			
CELINE PNL 1200 LDP TR 4100 8TW IP20 IR PD ELC (white, similar to RAL 9003)	EQ10126703	8TW	4060 lm	32 W	126 lm/W	≤ 19	LDP	TR	IP20	ELC		•		A ↑ G X 1195, Y 296, Z 91			
<b>3000 K / 1200 x 300 mm / 30 W</b>																	
CELINE PNL 1200 LDP SO 3300 830 IP20 ELC (white, similar to RAL 9003)	EQ10126086	830	3290 lm	32 W	102 lm/W	≤ 19	LDP	SO	IP20	ELC				A ↑ G X 1195, Y 296, Z 91			
CELINE PNL 1200 LDP TR 3800 830 IP20 ELC (white, similar to RAL 9003)	EQ10126529	830	3840 lm	32 W	120 lm/W	≤ 19	LDP	TR	IP20	ELC				A ↑ G X 1195, Y 296, Z 91			
<b>4000 K / 1200 x 300 mm / 30 W</b>																	
CELINE PNL 1200 LDP SO 3400 840 IP20 ELC (white, similar to RAL 9003)	EQ10126093	840	3420 lm	32 W	106 lm/W	≤ 19	LDP	SO	IP20	ELC				A ↑ G X 1195, Y 296, Z 91			•
CELINE PNL 1200 LDP TR 4100 840 IP20 ELC (white, similar to RAL 9003)	EQ10126536	840	4060 lm	32 W	126 lm/W	≤ 19	LDP	TR	IP20	ELC				A ↑ G X 1195, Y 296, Z 91			
CELINE PNL 1200 LDP TR 4100 840 IP20 IR PD ELC (white, similar to RAL 9003)	EQ10126673	840	4060 lm	32 W	126 lm/W	≤ 19	LDP	TR	IP20	ELC		•		A ↑ G X 1195, Y 296, Z 91			

Product group/product name	Item no.	Light colour (IEC 1231)	Luminous flux	Rated output P	Luminous efficacy	Unified Glare Rating	Glare suppression	Diffuser	Protection type	Control system	BT (Bluetooth)	Sensor	Energy efficiency class	Dimensions (mm)	Circuit diagram	Core portfolio	New product
<b>Recessed lights CELINE-2</b>																	
<b>2700 - 6500 K / 600 x 600 mm / 30 W</b>																	
CELINE-2 PNL 600 DDP OP 3800 8TW IP20 ELC (white, similar to RAL 9016)	EQ10132322	8TW	4000 lm	33 W	121 lm/W	< 19	DDP	OP	IP20	ELC				X 596, Y 596, Z 65	•	★	
CELINE-2 PNL 600 DDP TR 4200 8TW IP20 ELC (white, similar to RAL 9016)	EQ10132353	8TW	4400 lm	33 W	133 lm/W	< 19	DDP	TR	IP20	ELC				X 596, Y 596, Z 65	•	★	
<b>3000 K / 600 x 600 mm / 30 W</b>																	
CELINE-2 PNL 600 DDP OP 3600 830 IP20 ELC (white, similar to RAL 9016)	EQ10132308	830	3900 lm	33 W	118 lm/W	< 19	DDP	OP	IP20	ELC				X 596, Y 596, Z 65	•	★	
CELINE-2 PNL 600 DDP TR 4000 830 IP20 ELC (white, similar to RAL 9016)	EQ10132339	830	4300 lm	33 W	130 lm/W	< 19	DDP	TR	IP20	ELC				X 596, Y 596, Z 65	•	★	
<b>4000 K / 600 x 600 mm / 30 W</b>																	
CELINE-2 PNL 600 DDP OP 4000 840 IP20 ELC (white, similar to RAL 9016)	EQ10132315	840	4200 lm	33 W	127 lm/W	< 19	DDP	OP	IP20	ELC				X 596, Y 596, Z 65	•	★	
CELINE-2 PNL 600 DDP TR 4400 840 IP20 ELC (white, similar to RAL 9016)	EQ10132346	840	4600 lm	33 W	139 lm/W	< 19	DDP	TR	IP20	ELC				X 596, Y 596, Z 65	•	★	

Product group/product name	Item no.	Detection angle	Detection range	Installation type	Number of light channels	Function	Constant lighting control	Push button input lighting	In-rush current	Adjustable switch-off delay time	Number of HVAC-channels	Push button input HVAC	Slave input	Protection type	Dimensions (mm)	Circuit diagram	Core portfolio	New product
<b>Presence detectors COMPACT</b>																		
<b>Presence detectors / Ceiling mounting / ELC</b>																		
PD-C 360i/24 ELC (white, similar to RAL 9010)	EP10427619	360 °	Ø 24 m	FM	4	Send values	•			•	2			IP20	X 108, Z 70	P	•	
PD-C 360i/8 ELC (white, similar to RAL 9010)	EP10427602	360 °	Ø 8 m	FM	4	Send values	•			•	2			IP20	X 108, Z 62	P	•	
<b>Presence detectors BASIC</b>																		
<b>Presence detectors / Ceiling mounting / ELC</b>																		
PD 360i/8 BASIC ELC (white, similar to RAL 9010)	EB10431357	360 °	Ø 8 m	SM	4	Send values	•			•	2			IP20	X 101, Z 33	Y	•	

Product group/product name	Item no.	Number of light channels	Number of outputs luminaires ELC	Number of outputs luminaires DALI	Number of control units per group	Number of HVAC-channels	Orientation light	Constant lighting control	Orientation light duration or time	HCL-lighting control	Push button input lighting	Number of scenes	BT (Bluetooth)	KNX	ELC	Dimensions (mm)	Circuit diagram	Core portfolio	New product
<b>SMARTDRIVER-2</b>																			
<b>Controls / ELC</b>																			
SMARTDRIVER-2 IR 4C+2 x4 ELC (white)	EC10431401	4	4	2	20	2	10 – 50 %	•	•		2	4				X 555, Y 258, Z 85	CK		★
SMARTDRIVER-2 IR 4C+2 x8 ELC (white)	EC10431425	4	8	2	10	2	10 – 50 %	•	•		2	4				X 555, Y 258, Z 85	CK		★
SMARTDRIVER-2 TW IR 2C+2 x4 ELC (white)	EC10431418	2	4	2	10	2	10 – 50 %	•	•	•	2	13				X 555, Y 258, Z 85	CK		★
SMARTDRIVER-2 TW IR 2C+2 x6 ELC (white)	EC10431487	2	6	2	6	2	10 – 50 %	•	•	•	2	13				X 555, Y 258, Z 85	CK		★
SMARTDRIVER-2 TW IR 2C+2 x8 ELC (white)	EC10431494	2	8	2	5	2	10 – 50 %	•	•	•	2	13				X 555, Y 258, Z 85	CK		★

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio New product
<b>Accessories</b>				
<b>Cable</b>				
CABLE RJ10 10m WH	EC10431500	C0 bus cable RJ10, 10 m, white	X 10000	•
CABLE RJ10-OPEN END 10m WH	EC10431517	C0 bus cable RJ10 and open end, 10 m, white	X 10000	•
CABLE RJ11 10m WH	EC10431524	ELC bus cable RJ11, 10m, white	X 10000	•
CABLE-SET RJ45 5m TW x4	EC10431128	Connection cable set for SMARTDRIVER x4 TW series	X 5000	•
CABLE-SET RJ45 10m TW x4	EC10431135	Connection cable set for SMARTDRIVER x4 TW series	X 10000	•
CABLE-SET RJ45 5m x4	EC10431142	Connection cable set for SMARTDRIVER x4 series	X 5000	•
CABLE-SET RJ45 10m x4	EC10431159	Connection cable set for SMARTDRIVER x4 series	X 10000	•
CABLE-SET RJ45 5m TW x6	EC10431166	Connection cable set for SMARTDRIVER x6 TW series	X 5000	•
CABLE-SET RJ45 10m TW x6	EC10431173	Connection cable set for SMARTDRIVER x6 TW series	X 10000	•
CABLE-SET RJ45 5m x6	EC10431180	Connection cable set for SMARTDRIVER x6 series	X 5000	•
CABLE-SET RJ45 10m x6	EC10431197	Connection cable set for SMARTDRIVER x6 series	X 10000	•
CABLE-SET RJ45 5m TW x8	EC10431203	Connection cable set for SMARTDRIVER x8 TW series	X 5000	•
CABLE-SET RJ45 10m TW x8	EC10431210	Connection cable set for SMARTDRIVER x8 TW series	X 10000	•
CABLE-SET RJ45 5m x8	EC10431227	Connection cable set for SMARTDRIVER x8 series	X 5000	•
CABLE-SET RJ45 10m x8	EC10431234	Connection cable set for SMARTDRIVER x8 series	X 10000	•
<b>Electrical accessories</b>				
ACTUATOR FULL AUTO C3 DALI	EP10427473	Modul for the conversion of bus commands from the DALI presence detector and other light controls into switching signals (fully automatic)	X 45, Y 45, Z 24	•
ACTUATOR SEMI AUTO C4 DALI	EP10427480	Modul for the conversion of bus commands from the DALI presence detector and other light controls into switching signals (semi-automatic)	X 45, Y 45, Z 24	•
<b>Mounting</b>				
MOUNTING FRAME 600 SM WH	EQ10113031	Surface-mounted ceiling installation frame 600 for panel lights	X 613,8, Y 614, Z 85	
MOUNTING FRAME 600 FM WH	EQ10113086	Flush-mounted ceiling installation frame 600 for panel lights	X 635,4, Y 635, Z 48,2	•
MOUNTING FRAME 600/625 SM WH	EQ10113468	Surface-mounted ceiling installation frame 600/625 for panel lights	X 627,2, Y 627, Z 100	•
MOUNTING FRAME 1200/1250 SM WH	EQ10113765	Surface-mounted ceiling installation frame 1200/1250 for panel lights	X 1254, Y 318, Z 111	•
<b>Protection</b>				
DROP PROTECTION	EQ10121616	Steel cable for securing ESYLUX panel lights to the ceiling.	X 800	•
<b>Push button</b>				
PUSH BUTTON x4 PATIENT ROOM ELC	EC10431258	DALI 4-way push button	X 71, Y 71, Z 21,5	•
PUSH BUTTON x8 CLASSROOM ELC	EC10431241	DALI 8-way push button	X 71, Y 71, Z 21,5	•
PUSH BUTTON x8 ELC	EC10430923	DALI 8-way push button	X 71, Y 71, Z 21,5	•
PUSH BUTTON x8 PATIENT ROOM ELC	EC10431265	DALI 8-way push button	X 71, Y 71, Z 21,5	•
PUSH BUTTON x8 TW ELC	EC10430930	DALI 8 x push button Tunable White	X 71, Y 71, Z 21,5	•
<b>Remote control</b>				
ESY-Pen	EP10425356	ESY-Pen and ESY-App, two tools for every task: (1) Parameterisation, (2) remote control, (3) light measurement, (4) project management	X 166, Y 24, Z 21,5	•







- Energy-efficient lighting with high light quality
- Variants with Tunable White and ELC technology for easy plug-and-play installation
- DALI variants with SwitchDIM function for 230 V push button

**5** YEARS  
MANUFACTURER  
WARRANTY

The LED recessed lights in the CELINE series provide energy-efficient lighting in offices, conference rooms and other areas. They are designed for suspended system ceilings, but are also suitable for other installation types with suitable accessories — and are also impressive as special designs in intelligent lighting systems due to their high light quality.



Parameterisable with ESY-Pen and ESY-App.  
More on pages 178 - 179 or at: [esylux.asia/esy-pen](http://esylux.asia/esy-pen).



# CELINE

## NUMEROUS ALTERNATIVES FOR THE MOST DEMANDING TASK OF SEEING

Usable as recessed light for system ceilings with concealed or visible mounting rails (please note any special features and restrictions of the system ceilings manufacturer)

Robust, durable metal housing, housing front manufactured from one piece

Homogeneous illumination through the backlight arrangement of the LED

Suitable for computer workplaces in accordance with DIN EN 12464-1 (UGR ≤ 19)

With accessories also suitable for recessed surface mounting or surface mounting on ceilings

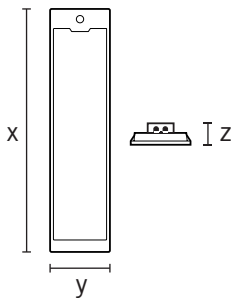
High-quality diffuser made of PMMA plastic

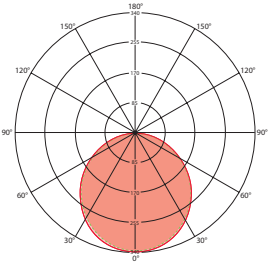
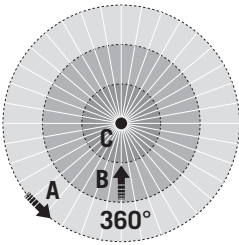
Flicker-free light for healthy and fatigue-free working

Long lifetime due to the arrangement of LEDs on the back



PRODUCT TYPES



LIGHT DISTRIBUTION	FIELD OF DETECTION	DETECTION RANGE	
			Ceiling 8 m
		Diagonally (A)	Ø 8 m
		Frontal (B)	Ø 6 m
		Presence area (C)	Ø 4 m

CO, C90, CO / C90

Note: Technical data for specific products can be found at [www.esylux.com](http://www.esylux.com).



- Usable as recessed light for system ceilings with concealed or visible mounting rails (please note any special features and restrictions of the system ceilings manufacturer)
- With accessories also suitable for recessed surface mounting or surface mounting on ceilings
- Robust, durable metal housing, housing front manufactured from one piece
- High-quality diffuser made of PMMA plastic
- Homogeneous illumination through the backlight arrangement of the LED
- Flicker-free light for healthy and fatigue-free working
- Suitable for computer workplaces in accordance with DIN EN 12464-1 (UGR ≤ 19)
- Long lifetime due to the arrangement of LEDs on the back
- Rated life time  $L_{80B_{50}}$  at 25 °C: 60000 h (1200 / 1250)

Product group/product name	Item no.	Light colour (IEC 1231)	Luminous flux	Rated output P	Luminous efficacy	Unified Glare Rating	Glare suppression	Diffuser	Protection type	Control system	BT (Bluetooth)	Sensor	Energy efficiency class	Dimensions (mm)	Circuit diagram	Core portfolio	New product
<b>2700 - 6500 K / 1200 x 300 mm / 30 W</b>																	
CELINE PNL 1200 LDP SO 3400 8TW IP20 ELC (white, similar to RAL 9003)	EQ10126123	8TW	3420 lm	32 W	106 lm/W	≤ 19	LDP	SO	IP20	ELC				X 1195, Y 296, Z 91			•
CELINE PNL 1200 LDP SO 3400 8TW IP20 IR PD ELC (white, similar to RAL 9003)	EQ10126260	8TW	3420 lm	32 W	106 lm/W	≤ 19	LDP	SO	IP20	ELC		•		X 1195, Y 296, Z 91			
CELINE PNL 1200 LDP TR 4100 8TW IP20 ELC (white, similar to RAL 9003)	EQ10126567	8TW	4060 lm	32 W	126 lm/W	≤ 19	LDP	TR	IP20	ELC				X 1195, Y 296, Z 91			
CELINE PNL 1200 LDP TR 4100 8TW IP20 IR PD ELC (white, similar to RAL 9003)	EQ10126703	8TW	4060 lm	32 W	126 lm/W	≤ 19	LDP	TR	IP20	ELC		•		X 1195, Y 296, Z 91			
<b>3000 K / 1200 x 300 mm / 30 W</b>																	
CELINE PNL 1200 LDP SO 3300 830 IP20 ELC (white, similar to RAL 9003)	EQ10126086	830	3290 lm	32 W	102 lm/W	≤ 19	LDP	SO	IP20	ELC				X 1195, Y 296, Z 91			
CELINE PNL 1200 LDP SO 3500 830 IP20 (white, similar to RAL 9003)	EQ10126000	830	3460 lm	33 W	104 lm/W	≤ 19	LDP	SO	IP20	ON/OFF				X 1195, Y 296, Z 91		CH	
CELINE PNL 1200 LDP SO 3500 830 IP20 DALI (white, similar to RAL 9003)	EQ10126048	830	3460 lm	33 W	104 lm/W	≤ 19	LDP	SO	IP20	DALI				X 1195, Y 296, Z 91		CI	
CELINE PNL 1200 LDP SO 3500 830 IP20 IR PD (white, similar to RAL 9003)	EQ10126147	830	3460 lm	33 W	104 lm/W	≤ 19	LDP	SO	IP20	ON/OFF		•		X 1195, Y 296, Z 110		CH	
CELINE PNL 1200 LDP TR 3800 830 IP20 ELC (white, similar to RAL 9003)	EQ10126529	830	3840 lm	32 W	120 lm/W	≤ 19	LDP	TR	IP20	ELC				X 1195, Y 296, Z 91			
<b>4000 K / 1200 x 300 mm / 30 W</b>																	
CELINE PNL 1200 LDP SO 3400 840 IP20 ELC (white, similar to RAL 9003)	EQ10126093	840	3420 lm	32 W	106 lm/W	≤ 19	LDP	SO	IP20	ELC				X 1195, Y 296, Z 91			•
CELINE PNL 1200 LDP SO 3600 840 IP20 (white, similar to RAL 9003)	EQ10126017	840	3590 lm	33 W	108 lm/W	≤ 19	LDP	SO	IP20	ON/OFF				X 1195, Y 296, Z 91		CH	•
CELINE PNL 1200 LDP SO 3600 840 IP20 DALI (white, similar to RAL 9003)	EQ10126055	840	3590 lm	33 W	108 lm/W	≤ 19	LDP	SO	IP20	DALI				X 1195, Y 296, Z 91		CI	
CELINE PNL 1200 LDP SO 3600 840 IP20 IR PD (white, similar to RAL 9003)	EQ10126154	840	3590 lm	33 W	108 lm/W	≤ 19	LDP	SO	IP20	ON/OFF		•		X 1195, Y 296, Z 110		CH	

Product group/product name	Item no.	Light colour (IEC 1231)	Luminous flux	Rated output P	Luminous efficacy	Unified Glare Rating	Glare suppression	Diffuser	Protection type	Control system	BT (Bluetooth)	Sensor	Energy efficiency class	Dimensions (mm)	Circuit diagram	Core portfolio	New product
CELINE PNL 1200 LDP TR 4100 840 IP20 ELC (white, similar to RAL 9003)	EQ10126536	840	4060 lm	32 W	126 lm/W	≤ 19	LDP	TR	IP20	ELC				X 1195, Y 296, Z 91			
CELINE PNL 1200 LDP TR 4100 840 IP20 IR PD ELC (white, similar to RAL 9003)	EQ10126673	840	4060 lm	32 W	126 lm/W	≤ 19	LDP	TR	IP20	ELC		•		X 1195, Y 296, Z 91			
CELINE PNL 1200 LDP TR 4200 840 IP20 (white, similar to RAL 9003)	EQ10126451	840	4240 lm	33 W	128 lm/W	≤ 19	LDP	TR	IP20	ON/OFF				X 1195, Y 296, Z 91	CH		
CELINE PNL 1200 LDP TR 4200 840 IP20 DALI (white, similar to RAL 9003)	EQ10126499	840	4240 lm	33 W	128 lm/W	≤ 19	LDP	TR	IP20	DALI				X 1195, Y 296, Z 91	CI		

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
<b>Accessories</b>					
<b>Electrical accessories</b>					
DRIVER-SET 30W RJ45	EQ10127786	ON/OFF LED driver set	X 132, Y 45, Z 30	•	
DRIVER-SET 30W RJ45 WAGO WINSTA	EQ10127779	Plug-and-play LED driver set ON/OFF 30 W, WAGO WINSTA	X 132, Y 45, Z 30	•	
DRIVER-SET 30W RJ45 DALI	EQ10127854	DALI LED driver set	X 132, Y 45, Z 30	•	
DRIVER-SET 30W RJ45 WAGO WINSTA DALI	EQ10127762	Plug-and-play LED driver set 30 W DALI, WAGO WINSTA	X 103, Y 68, Z 30	•	
DRIVER-SET TW 38W RJ45 WAGO WINSTA DALI DT8	EQ10127755	Plug-and-play LED driver set DALI DT8, WAGO WINSTA	X 215, Y 70, Z 31	•	
<b>Mounting</b>					
MOUNTING FRAME 1200/1250 SM WH	EQ10113765	Surface-mounted ceiling installation frame 1200/1250 for panel lights	X 1254, Y 318, Z 111	•	
<b>Protection</b>					
DROP PROTECTION	EQ10121616	Steel cable for securing ESYLUX panel lights to the ceiling.	X 800	•	
<b>Push button</b>					
PUSH BUTTON x4 PATIENT ROOM ELC	EC10431258	DALI 4-way push button	X 71, Y 71, Z 21,5	•	
PUSH BUTTON x8 CLASSROOM ELC	EC10431241	DALI 8-way push button	X 71, Y 71, Z 21,5	•	
PUSH BUTTON x8 ELC	EC10430923	DALI 8-way push button	X 71, Y 71, Z 21,5	•	
PUSH BUTTON x8 PATIENT ROOM ELC	EC10431265	DALI 8-way push button	X 71, Y 71, Z 21,5	•	
PUSH BUTTON x8 TW ELC	EC10430930	DALI 8 x push button Tunable White	X 71, Y 71, Z 21,5	•	
<b>Remote control</b>					
ESY-Pen	EP10425356	ESY-Pen and ESY-App, two tools for every task: (1) Parameterisation, (2) remote control, (3) light measurement, (4) project management	X 166, Y 24, Z 21,5	•	
REMOTE CONTROL MDi/PDi	EM10425509	IR remote control for presence detectors and motion detectors	X 100, Y 50, Z 9	•	

CH		CI	
	Standard operation.		Standard operation.



- Energy-efficient lighting with high light quality
- Plug-and-play connection for system lights with ESYLUX Light Control (ELC)
- Powerful Tunable White variants for energy-efficient human centric lighting with SymbiLogic technology

**5** YEARS  
MANUFACTURER  
WARRANTY

The LED recessed lights in the CELINE-2 series provide the highest-quality lighting in workplaces such as offices, educational institutions and medical facilities. These lights are suitable for use as system lights with ESYLUX Light Control (ELC) via their plug-and-play connection and can also be used in DALI lighting systems via driver sets that are available as an optional accessory. Variants with Tunable White enable energy-efficient human centric lighting with SymbiLogic technology using ELC system lights or DALI-2 presence detectors from ESYLUX.

# CELINE-2

## LIGHT QUALITY FOR THE MOST DEMANDING VISUAL TASKS

Recessed lights for ceiling systems with hidden or visible mounting rails

Plug-and-play connection for system lights with ESYLUX Light Control (ELC)

Variants with Tunable White (2700 – 6500 K) for SymbiLogic technology

Suitable for screen-based work places in accordance with DIN EN 12464-1 ( $UGR \leq 19$ )

Accessories: Ceiling installation frame and surface-mounted ceiling frame (600 x 600)

Note: Please observe any special features and restrictions stipulated by the ceiling system manufacturer.

Suitable for use in other lighting systems when using driver sets (available as an optional accessory)

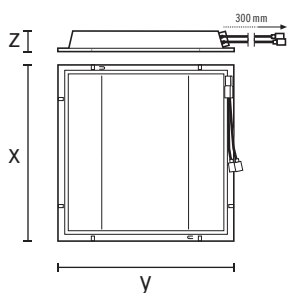
Homogeneous illumination and long service life due to the backlight layout of the LEDs

Flicker-free lighting for healthy, fatigue-free working

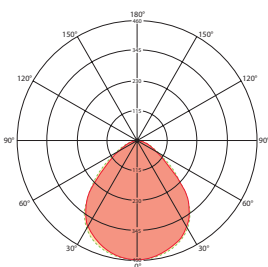
Robust, durable metal housing



### PRODUCT TYPES



### LIGHT DISTRIBUTION



CO, C90, CO / C90

Note: Technical data for specific products can be found at [www.esylux.com](http://www.esylux.com).

# CELINE-2

## INDOOR LIGHTING / RECESSED LIGHTS



- Recessed lights for ceiling systems with hidden or visible mounting rails
- Note: Please observe any special features and restrictions stipulated by the ceiling system manufacturer.
- Plug-and-play connection for system lights with ESYLUX Light Control (ELC)
- Suitable for use in other lighting systems when using driver sets (available as an optional accessory)
- Variants with Tunable White (2700 – 6500 K) for SymbiLogic technology
- Homogeneous illumination and long service life due to the backlight layout of the LEDs
- Suitable for screen-based work places in accordance with DIN EN 12464-1 ( $UGR \leq 19$ )
- Flicker-free lighting for healthy, fatigue-free working
- Accessories: Ceiling installation frame and surface-mounted ceiling frame (600 x 600)
- Robust, durable metal housing
- Front housing cover made from a single piece
- High-quality PMMA plastic diffuser
- Rated life time  $L_{80}B_{50}$  at 25 °C: 70000 h

Product group/product name	Item no.	Light colour (IEC 1231)	Luminous flux	Rated output P	Luminous efficacy	Unified Glare Rating	Glare suppression	Diffuser	Protection type	Control system	BT (Bluetooth)	Sensor	Energy efficiency class	Dimensions (mm)	Circuit diagram	Core portfolio	New product
<b>2700 - 6500 K / 600 x 600 mm / 30 W</b>																	
CELINE-2 PNL 600 DDP OP 3800 8TW IP20 ELC (white, similar to RAL 9016)	EQ10132322	8TW	4000 lm	33 W	121 lm/W	< 19	DDP	OP	IP20	ELC			LED EEL E	X 596, Y 596, Z 65	•	★	
CELINE-2 PNL 600 DDP TR 4200 8TW IP20 ELC (white, similar to RAL 9016)	EQ10132353	8TW	4400 lm	33 W	133 lm/W	< 19	DDP	TR	IP20	ELC			LED EEL E	X 596, Y 596, Z 65	•	★	
<b>3000 K / 600 x 600 mm / 30 W</b>																	
CELINE-2 PNL 600 DDP OP 3600 830 IP20 ELC (white, similar to RAL 9016)	EQ10132308	830	3900 lm	33 W	118 lm/W	< 19	DDP	OP	IP20	ELC			LED EEL E	X 596, Y 596, Z 65	•	★	
CELINE-2 PNL 600 DDP TR 4000 830 IP20 ELC (white, similar to RAL 9016)	EQ10132339	830	4300 lm	33 W	130 lm/W	< 19	DDP	TR	IP20	ELC			LED EEL E	X 596, Y 596, Z 65	•	★	
<b>4000 K / 600 x 600 mm / 30 W</b>																	
CELINE-2 PNL 600 DDP OP 4000 840 IP20 ELC (white, similar to RAL 9016)	EQ10132315	840	4200 lm	33 W	127 lm/W	< 19	DDP	OP	IP20	ELC			LED EEL E	X 596, Y 596, Z 65	•	★	
CELINE-2 PNL 600 DDP TR 4400 840 IP20 ELC (white, similar to RAL 9016)	EQ10132346	840	4600 lm	33 W	139 lm/W	< 19	DDP	TR	IP20	ELC			LED EEL E	X 596, Y 596, Z 65	•	★	



Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio New product
<b>Accessories</b>				
<b>Electrical accessories</b>				
DRIVER-SET 30W RJ45	EQ10127786	ON/OFF LED driver set	X 132, Y 45, Z 30	•
DRIVER-SET 30W RJ45 WAGO WINSTA	EQ10127779	Plug-and-play LED driver set ON/OFF 30 W, WAGO WINSTA	X 132, Y 45, Z 30	•
DRIVER-SET 30W RJ45 DALI	EQ10127854	DALI LED driver set	X 132, Y 45, Z 30	•
DRIVER-SET 30W RJ45 WAGO WINSTA DALI	EQ10127762	Plug-and-play LED driver set 30 W DALI, WAGO WINSTA	X 103, Y 68, Z 30	•
DRIVER-SET TW 38W RJ45 WAGO WINSTA DALI DT8	EQ10127755	Plug-and-play LED driver set DALI DT8, WAGO WINSTA	X 215, Y 70, Z 31	•
<b>Mounting</b>				
MOUNTING FRAME 600 FM WH	EQ10113086	Flush-mounted ceiling installation frame 600 for panel lights	X 635,4, Y 635, Z 48,2	•
MOUNTING FRAME 600 SM WH	EQ10113031	Surface-mounted ceiling installation frame 600 for panel lights	X 613,8, Y 614, Z 85	
MOUNTING FRAME 600/625 SM WH	EQ10113468	Surface-mounted ceiling installation frame 600/625 for panel lights	X 627,2, Y 627, Z 100	•
PENDULUM SET 1000	EQ10600166	Cable suspension for CELINE series	X 1000	•
PENDULUM SET 1200	EQ10600159	Cable suspension for CELINE series	X 1200	
<b>Remote control</b>				
ESY-Pen	EP10425356	ESY-Pen and ESY-App, two tools for every task: (1) Parameterisation, (2) remote control, (3) light measurement, (4) project management	X 166, Y 24, Z 21,5	•

- Flat design for universal use
- Homogeneous light emission
- Two installation types: Recessed light, also suitable for surface mounting with accessories

**5** YEARS  
MANUFACTURER  
WARRANTY

With their low profile design, LED recessed lights in the STELLA series are well-suited to flexible applications in offices, learning environments and healthcare facilities. As such, they fulfil all requirements of contemporary light installations in terms of their straightforward handling, light quality and energy efficiency.

# STELLA

## FLAT AND FLEXIBLE

Easy installation at a low installation heights due to the particularly flat design (housing height: 10 mm)

Low weight for easy handling

Installation with no additional accessories, electronic ballast included in delivery

Electronic ballast simply plugs in to connect to the luminaire

Two installation types: Recessed light, also suitable for surface mounting with accessories

For conventional system ceilings: 600 x 600 mm

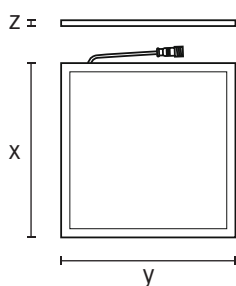
Flicker-free light for healthy and fatigue-free working

Suitable for computer workstations (UGR  $\leq 19$ )

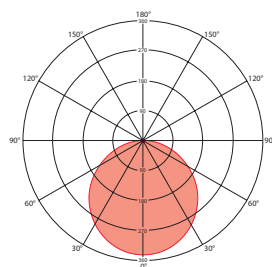
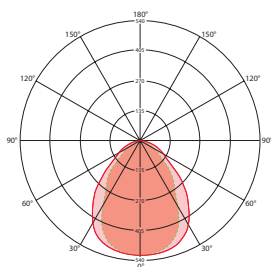
DALI versions with SwitchDIM function for 230 V push-buttons

INDOOR LIGHTING

### PRODUCT TYPES



### LIGHT DISTRIBUTION



■ C0, ■ C90, ■ C0 / C90

Note: Technical data for specific products can be found at [www.esylux.com](http://www.esylux.com).

# STELLA

## INDOOR LIGHTING / RECESSED LIGHTS

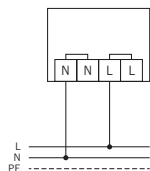


- Easy installation at a low installation heights due to the particularly flat design (housing height: 10 mm)
- Low weight for easy handling
- Installation with no additional accessories, electronic ballast included in delivery
- Electronic ballast simply plugs in to connect to the luminaire
- DALI versions with SwitchDIM function for 230 V push-buttons
- Two installation types: Recessed light, also suitable for surface mounting with accessories
- For conventional system ceilings: 600 x 600 mm
- Flicker-free light for healthy and fatigue-free working
- Suitable for computer workstations (UGR ≤ 19)
- Rated life time  $L_{80}B_{50}$  at 25 °C: 40000 h

Product group/product name	Item no.	Light colour (IEC 1231)	Luminous flux	Rated output P	Luminous efficacy	Unified Glare Rating	Glare suppression	Diffuser	Protection type	Control system	BT (Bluetooth)	Sensor	Energy efficiency class	Dimensions (mm)	Circuit diagram	Core portfolio	New product
<b>3000 K / 600 x 600 mm / 33 W</b>																	
STELLA PNL 600 OP 3600 830 IP20 (white, similar to RAL 9003)	EQ10600012	830	3700 lm	35,5 W	104 lm/W	≤ 22		OP	IP20	ON/OFF				X 595, Y 595, Z 11	BR		
<b>4000 K / 600 x 600 mm / 33 W</b>																	
STELLA PNL 600 DDP OP 3800 840 IP20 (white, similar to RAL 9003)	EQ10600227	840	3900 lm	37 W	105 lm/W	≤ 19	DDP	OP	IP20	ON/OFF				X 595, Y 595, Z 11	BR	•	
STELLA PNL 600 DDP OP 3800 840 IP20 DALI (white, similar to RAL 9003)	EQ10600234	840	3800 lm	37 W	102 lm/W	≤ 19	DDP	OP	IP20	DALI				X 595, Y 595, Z 11	BS	•	
STELLA PNL 600 OP 3700 840 IP20 (white, similar to RAL 9003)	EQ10600074	840	3700 lm	38 W	97 lm/W	≤ 22		OP	IP20	ON/OFF				X 595, Y 595, Z 11	BR		

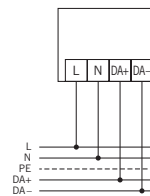
Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
<b>Accessories</b>					
<b>Mounting</b>					
MOUNTING FRAME 600 FM WH	EQ10113086	Flush-mounted ceiling installation frame 600 for panel lights	X 635,4, Y 635, Z 48,2	•	
MOUNTING FRAME 600/625 SM WH	EQ10113468	Surface-mounted ceiling installation frame 600/625 for panel lights	X 627,2, Y 627, Z 100	•	
STELLA MOUNTING FRAME 600 SM WH	EQ10600173	Ceiling installation frame for STELLA series, 600 mm	X 602, Y 602, Z 50	•	
<b>Protection</b>					
DROP PROTECTION	EQ10121616	Steel cable for securing ESYLUX panel lights to the ceiling.	X 800	•	

BR



Standard operation.

BS



Standard operation.



- Provides glare-free direct light for vertical surfaces



The BOARDLIGHT provides perfect illumination of display boards or whiteboards in classrooms and training rooms. Their sleek and unobtrusive shape fits seamlessly into the overall interior design. The special construction of the lights and the directional arrangement of the LEDs ensures uniform and glare-free illumination of vertical surfaces. Various installation methods allow installation in almost any room configuration.

# BOARDLIGHT

## OPTIMAL ILLUMINATION OF PRESENTATION AREAS

Sleek and timeless design with high-quality, powder-coated metal housing

Glare-free direct light for vertical surfaces

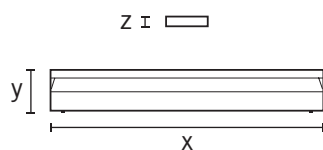
Flicker-free light for healthy and fatigue-free working

Surface ceiling installation with no additional accessories, electronic ballast included in delivery

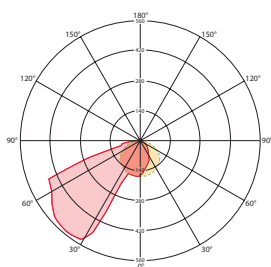
Different installation options available as accessories



### PRODUCT TYPES



### LIGHT DISTRIBUTION



CO, C90, CO / C90

Note: Technical data for specific products can be found at [www.esylux.com](http://www.esylux.com).

# BOARDLIGHT

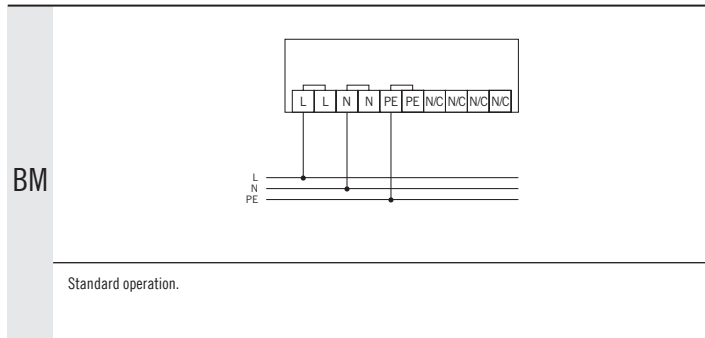
## INDOOR LIGHTING / WALL AND CEILING LIGHTS

- Sleek and timeless design with high-quality, powder-coated metal housing
- Glare-free direct light for vertical surfaces
- Flicker-free light for healthy and fatigue-free working
- Surface ceiling installation with no additional accessories, electronic ballast included in delivery
- Different installation options available as accessories
- Rated life time  $L_{80}B_{50}$  at 25 °C: 70000 h



Product group/product name	Item no.	Light colour (IEC 1231)	Luminous flux	Rated output P	Luminous efficacy	Unified Glare Rating	Glare suppression	Diffuser	Protection type	Control system	BT (Bluetooth)	Sensor	Energy efficiency class	Dimensions (mm)	Circuit diagram	Core portfolio	New product
<b>3000 K</b>																	
BOARDLIGHT WCL 1200 4000 830 IP20 (white, similar to RAL 9003)	E010849800	830	3750 lm	36 W	104 lm/W				IP20	ON/OFF			<b>LED EEI F</b>	X 1190, Y 171, Z 48	BM	•	
<b>4000 K</b>																	
BOARDLIGHT WCL 1200 4200 840 IP20 (white, similar to RAL 9003)	E010849817	840	4000 lm	36 W	111 lm/W				IP20	ON/OFF			<b>LED EEI E</b>	X 1190, Y 171, Z 48	BM	•	

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
<b>Accessories</b>					
<b>Mounting</b>					
BOARDLIGHT MOUNTING FRAME 1200 FM WH	E010849855	Installation frame for BOARDLIGHT series in ceiling systems with visible suspension rails.	X 1195, Y 295, Z 20	•	
BOARDLIGHT PENDULUM SET	E010849824	Pendulum set for BOARDLIGHT series	X 2000	•	
BOARDLIGHT WALL ARM 700 WH	E010849831	Wall arm for BOARDLIGHT series	X 700, Y 130, Z 100	•	





- Particularly resistant version with IK10 and IP65
- Variants with integrated motion detector, optimised to control additional LED lights

**5** **YEARS**  
MANUFACTURER  
WARRANTY

The lights in the ALMA series are suitable for anywhere that requires robust yet stylish wall lighting or ceiling lighting. With IP65 protection type and IK10 impact resistance, these lights deliver continuous functionality even in adverse conditions, and the variants with integrated, invisible movement and light sensor technology enable demand-driven, energy-efficient operation.



# ALMA

## ELEGANT, ROBUST, OPTIONALLY INTELLIGENT

Protection type IP65

Impact resistance IK10

Variants with integrated motion detector (HF) for motion and daylight-dependent switching of lighting

Motion detector with switching output for master/master or master/slave networking

A metal plate prevents unwanted backwards detection, e.g. in neighbouring rooms

Easy to change the field of detection, switch-off delay time and target brightness via DIP switch in the light

Easy to install using plug-in terminals

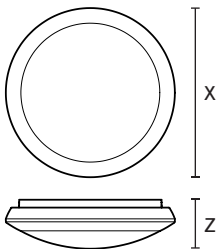
Push terminals with through-wiring option

UV-resistant plastic diffuser



INDOOR LIGHTING

### PRODUCT TYPES



LIGHT DISTRIBUTION	FIELD OF DETECTION	DETECTION RANGE		
			Ceiling 8 m	Wall 16 m
		■ Diagonally (A)	Ø 8 m	Ø 16 m
		-	-	-
		-	-	-

■ C0, ■ C90, ■ C0 / C90

Note: Technical data for specific products can be found at [www.esylux.com](http://www.esylux.com).



- Protection type IP65
- Impact resistance IK10
- Variants with integrated motion detector (HF) for motion and daylight-dependent switching of lighting
- Motion detector with switching output for master/master or master/slave networking
- A metal plate prevents unwanted backwards detection, e.g. in neighbouring rooms
- Easy to change the field of detection, switch-off delay time and target brightness via DIP switch in the light
- Easy to install using plug-in terminals
- Push terminals with through-wiring option
- UV-resistant plastic diffusor

Product group/product name	Item no.	Light colour (IEC 1231)	Luminous flux	Rated output P	Luminous efficacy	Unified Glare Rating	Glare suppression	Diffuser	Protection type	Control system	BT (Bluetooth)	Sensor	Energy efficiency class	Dimensions (mm)	Circuit diagram	Core portfolio	New product
<b>3000 K</b>																	
ALMA WCL 300 OP 1600 830 IP65 (white, similar to RAL 9003)	E010850318	830	1600 lm	15,5 W	103 lm/W	≤ 22		OP	IP65	ON/OFF			LED EEI C	X 300, Z 87	BT	•	
ALMA WCL 300 OP 1600 830 IP65 MD (white, similar to RAL 9003)	E010850301	830	1600 lm	16 W	100 lm/W	≤ 22		OP	IP65	ON/OFF		•	LED EEI C	X 300, Z 87	BU	•	
<b>4000 K</b>																	
ALMA WCL 300 OP 1600 840 IP65 (white, similar to RAL 9003)	E010850332	840	1600 lm	15,5 W	103 lm/W	≤ 22		OP	IP65	ON/OFF			LED EEI C	X 300, Z 87	BT	•	
ALMA WCL 300 OP 1600 840 IP65 MD (white, similar to RAL 9003)	E010850325	840	1600 lm	16 W	100 lm/W	≤ 22		OP	IP65	ON/OFF		•	LED EEI C	X 300, Z 87	BU	•	

BT	<p>The diagram shows a terminal block with six terminals labeled NC, N, N, L, PE, and PE from left to right. A box is drawn above the first four terminals (NC, N, N, L). Below the terminal block, there are three horizontal lines representing the main supply: L (top), N (middle), and PE (bottom). Wires connect the terminals to the supply lines: the first N terminal to L, the second N terminal to N, the L terminal to L, and both PE terminals to PE. The NC terminal is not connected to any supply line.</p>	BU	<p>The diagram shows a terminal block with eight terminals labeled L', L', N, N, L, L, PE, and PE from left to right. A box is drawn above the first six terminals (L', L', N, N, L, L). Below the terminal block, there are three horizontal lines representing the main supply: L (top), N (middle), and PE (bottom). Wires connect the terminals to the supply lines: the first L' terminal to L, the second L' terminal to L, the first N terminal to N, the second N terminal to N, the first L terminal to L, and the second L terminal to L. Both PE terminals are connected to PE. A 10 A switch and a light symbol (a circle with an 'X') are connected in series with the first L' terminal.</p>
	Standard operation.		Standard operation.



- Variants with integrated motion detector, optimised to control additional LED lights



The LED lights in the ELLEN series feature a beautiful, timeless design, making them ideal for ceiling or wall mounting in hallways, staircases and function rooms. The optional concealed motion and light sensor technology and high level of luminous efficacy ensure energy-efficient operation on demand.

# ELLEN

## ROBUST WALL LIGHTING INTELLIGENTLY NETWORKED

Easy to install using plug-in terminals

Push terminals with through-wiring option

Variants with integrated motion detector (HF) for motion and daylight-dependent switching of lighting

Motion detector with switching output for master/master or master/slave networking

Easy to change the field of detection, switch-off delay time and target brightness via DIP switch in the light

Diffuser made from UV-resistant plastic, impact protection IK07

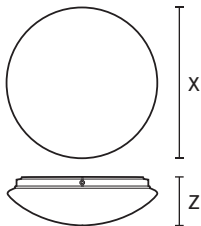
Flicker-free light

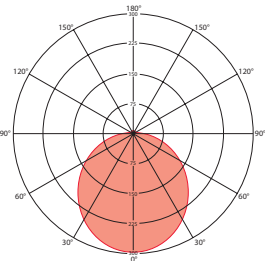
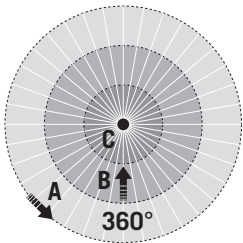
Available with protection types IP20 or IP44



INDOOR LIGHTING

PRODUCT TYPES



LIGHT DISTRIBUTION	FIELD OF DETECTION	DETECTION RANGE		
			Ceiling 8 m	Wall 16 m
		■ Diagonally (A)	Ø 8 - 10 m	Ø 20 m
		-	-	-
		-	-	-

■ C0, ■ C90, ■ C0 / C90

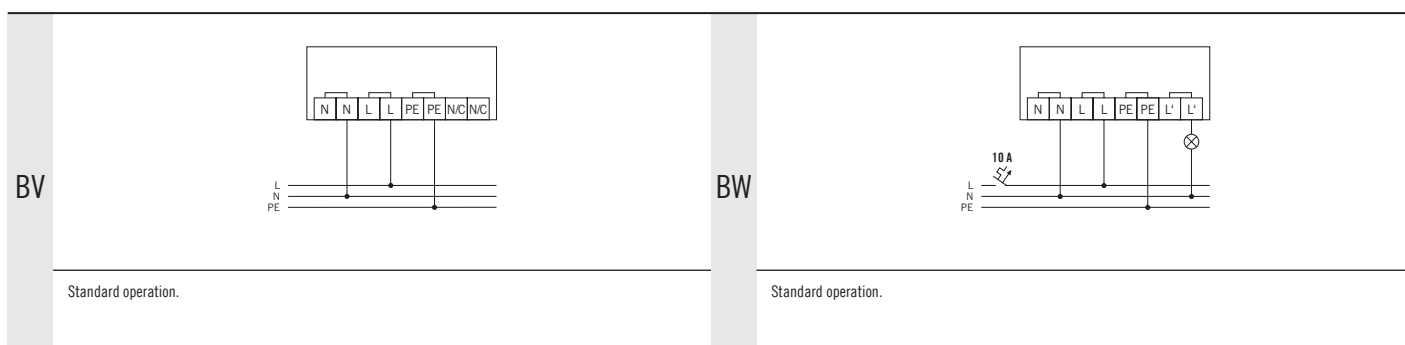
Note: Technical data for specific products can be found at [www.esylux.com](http://www.esylux.com).





- Easy to install using plug-in terminals
- Push terminals with through-wiring option
- Variants with integrated motion detector (HF) for motion and daylight-dependent switching of lighting
- Motion detector with switching output for master/master or master/slave networking
- Easy to change the field of detection, switch-off delay time and target brightness via DIP switch in the light
- Diffuser made from UV-resistant plastic, impact protection IK07
- Flicker-free light
- Available with protection types IP20 or IP44
- Rated life time  $L_{80B_{50}}$  at 25 °C: 60000 h

Product group/product name	Item no.	Light colour (IEC 1231)	Luminous flux	Rated output P	Luminous efficacy	Unified Glare Rating	Glare suppression	Diffuser	Protection type	Control system	BT (Bluetooth)	Sensor	Energy efficiency class	Dimensions (mm)	Circuit diagram	Core portfolio	New product
<b>3000 K</b>																	
ELLEN WCL 300 OP 1500 830 IP20 (white)	E010850011	830	1450 lm	10 W	113 lm/W	≤ 22		OP	IP20	ON/OFF			LED EEF D	X 300, Z 95	BV	•	
ELLEN WCL 300 OP 1500 830 IP20 MD (white)	E010850004	830	1450 lm	10,5 W	108 lm/W	≤ 22		OP	IP20	ON/OFF		•	LED EEF D	X 300, Z 95	BW	•	
ELLEN WCL 300 OP 1500 830 IP44 (white)	E010850097	830	1450 lm	10 W	113 lm/W	≤ 22		OP	IP44	ON/OFF			LED EEF D	X 300, Z 95	BV	•	
ELLEN WCL 300 OP 1500 830 IP44 MD (white)	E010850080	830	1450 lm	10,5 W	108 lm/W	≤ 22		OP	IP44	ON/OFF		•	LED EEF D	X 300, Z 95	BW	•	
<b>4000 K</b>																	
ELLEN WCL 300 OP 1600 840 IP20 (white)	E010850073	840	1550 lm	10,5 W	122 lm/W	≤ 22		OP	IP20	ON/OFF			LED EEF E	X 300, Z 95	BV	•	
ELLEN WCL 300 OP 1600 840 IP20 MD (white)	E010850066	840	1550 lm	11 W	117 lm/W	≤ 22		OP	IP20	ON/OFF		•	LED EEF E	X 300, Z 95	BW	•	
ELLEN WCL 300 OP 1600 840 IP44 (white)	E010850110	840	1550 lm	10,5 W	122 lm/W	≤ 22		OP	IP44	ON/OFF			LED EEF E	X 300, Z 95	BV	•	
ELLEN WCL 300 OP 1600 840 IP44 MD (white)	E010850103	840	1550 lm	11 W	117 lm/W	≤ 22		OP	IP44	ON/OFF		•	LED EEF E	X 300, Z 95	BW	•	







- High-quality aluminium housing with low installation depth
- Variants with a diameter of 225 mm, integrated presence or motion detector, optimised for controlling additional LED lights, remotely controlled
- Sensorless DALI variants with SwitchDIM function for 230 V button

**5** YEARS  
MANUFACTURER  
WARRANTY

With their minimalist design, ELSA-2 downlights are ideally suited as supplement to main lighting or as a stand-alone solution in conference rooms, hallways, staircases, entrance areas and sanitary facilities. Installation requires no additional accessories and the light ensures a harmonious appearance.



Parameterisable with ESY-Pen and ESY-App.  
More on pages 178 - 179 or at: [esylux.asia/esy-pen](http://esylux.asia/esy-pen).

## ELSA-2

## IF REQUIRED: INTELLIGENCE INCLUDED

High-quality, round aluminium housing

Installation with no additional accessories, electronic ballast included in delivery

Simple plug-in connection of the electronic ballast to the light

Dimmer function available with DALI or integrated SwitchDIM (230 V)

IP20 protection type, below the ceiling IP44

Flicker-free light for healthy and fatigue-free working

DALI variants with SwitchDIM function for 230 V button

Ø 225 mm Variants with integrated presence or motion detector, optimised for controlling additional LED lights, remote controllable



## PRODUCT TYPES

--	--	--	--

## LIGHT DISTRIBUTION

## FIELD OF DETECTION

## DETECTION RANGE

		<table> <tr> <th></th><th>Ceiling 6 m</th><th>Ceiling 8 m</th></tr> <tr> <td>Diagonally (A)</td><td>Ø 6 m</td><td>Ø 8 m</td></tr> <tr> <td>Frontal (B)</td><td>Ø 3 m</td><td>Ø 5 m</td></tr> <tr> <td>Presence area (C)</td><td>Ø 2,5 m</td><td>-</td></tr> </table>		Ceiling 6 m	Ceiling 8 m	Diagonally (A)	Ø 6 m	Ø 8 m	Frontal (B)	Ø 3 m	Ø 5 m	Presence area (C)	Ø 2,5 m	-
	Ceiling 6 m	Ceiling 8 m												
Diagonally (A)	Ø 6 m	Ø 8 m												
Frontal (B)	Ø 3 m	Ø 5 m												
Presence area (C)	Ø 2,5 m	-												

C0, C90, C0 / C90

Note: Technical data for specific products can be found at [www.esylux.com](http://www.esylux.com).

# ELSA-2








## INDOOR LIGHTING / DOWNLIGHTS



- High-quality, round aluminium housing
- Installation with no additional accessories, electronic ballast included in delivery
- Simple plug-in connection of the electronic ballast to the light
- Dimmer function available with DALI or integrated SwitchDIM (230 V)
- IP20 protection type, below the ceiling IP44
- Flicker-free light for healthy and fatigue-free working
- DALI variants with SwitchDIM function for 230 V button
- Ø 225 mm Variants with integrated presence or motion detector, optimised for controlling additional LED lights, remote controllable
- Rated life time  $L_{80}B_{50}$  at 25 °C: 40000 h

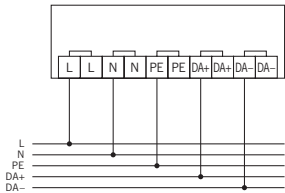
Product group/product name	Item no.	Light colour (IEC 1231)	Luminous flux	Rated output P	Luminous efficacy	Unified Glare Rating	Glare suppression	Diffuser	Protection type	Control system	BT (Bluetooth)	Sensor	Energy efficiency class	Dimensions (mm)	Circuit diagram	Core portfolio	New product
<b>3000 K / Ø 68 mm / 5 W / 100°</b>																	
ELSA-2 DL 68 OP 100° 500 830 DALI WH (white, similar to RAL 9003)	E010298905	830	500 lm	6,5 W	76 lm/W	≤ 30		OP	IP44	DALI				X 98, Z 45	BS	•	
ELSA-2 DL 68 OP 100° 500 830 WH (white, similar to RAL 9003)	E010298967	830	500 lm	6,5 W	76 lm/W	≤ 30		OP	IP44	ON/OFF				X 98, Z 45	BX	•	
<b>4000 K / Ø 68 mm / 5 W / 100°</b>																	
ELSA-2 DL 68 OP 100° 500 840 DALI WH (white, similar to RAL 9003)	E010298912	840	500 lm	6,5 W	76 lm/W	≤ 30		OP	IP44	DALI				X 98, Z 45	BS	•	
ELSA-2 DL 68 OP 100° 500 840 WH (white, similar to RAL 9003)	E010298974	840	475 lm	6,5 W	73 lm/W	≤ 30		OP	IP44	ON/OFF				X 98, Z 45	BX	•	
<b>3000 K / Ø 165 mm / 9 W / 110°</b>																	
ELSA-2 DL 165 OP 110° 900 830 DALI WH (white, similar to RAL 9003)	E010298929	830	900 lm	9,5 W	94 lm/W	≤ 25		OP	IP44	DALI				X 180, Z 25	BS	•	
ELSA-2 DL 165 OP 110° 900 830 WH (white, similar to RAL 9003)	E010298981	830	900 lm	9 W	100 lm/W	≤ 25		OP	IP44	ON/OFF				X 180, Z 25	BX	•	
<b>4000 K / Ø 165 mm / 9 W / 110°</b>																	
ELSA-2 DL 165 OP 110° 900 840 DALI WH (white, similar to RAL 9003)	E010298936	840	900 lm	9,5 W	94 lm/W	≤ 25		OP	IP44	DALI				X 180, Z 25	BS	•	
ELSA-2 DL 165 OP 110° 900 840 WH (white, similar to RAL 9003)	E010298998	840	850 lm	10,5 W	80 lm/W	≤ 25		OP	IP44	ON/OFF				X 180, Z 25	BX	•	
<b>3000 K / Ø 225 mm / 18 W / 110°</b>																	
ELSA-2 DL 225 OP 110° 1800 830 DALI WH (white, similar to RAL 9003)	E010298943	830	1700 lm	19 W	89 lm/W	≤ 25		OP	IP44	DALI				X 240, Z 25	BS	•	
ELSA-2 DL 225 OP 110° 1800 830 MD IR WH (white, similar to RAL 9003)	E010299025	830	1650 lm	17,5 W	94 lm/W	≤ 25		OP	IP20	ON/OFF		•		X 240, Z 60	BY	•	★
ELSA-2 DL 225 OP 110° 1800 830 PD IR DALI WH (white, similar to RAL 9003)	E010299698	830	1750 lm	19 W	92 lm/W	≤ 25		OP	IP20	DALI		•		X 240, Z 60	BZ	•	★



Product group/product name	Item no.	Light colour (IEC 1231)	Luminous flux	Rated output P	Luminous efficacy	Unified Glare Rating	Glare suppression	Diffuser	Protection type	Control system	BT (Bluetooth)	Sensor	Energy efficiency class	Dimensions (mm)	Circuit diagram	Core portfolio	New product
ELSA-2 DL 225 OP 110° 1800 830 PD IR PS DALI WH (white, similar to RAL 9003)	E010299681	830	1750 lm	19 W	92 lm/W	≤ 25		OP	IP20	DALI		•		X 240, Z 60	BN	•	★
ELSA-2 DL 225 OP 110° 1800 830 WH (white, similar to RAL 9003)	E010299001	830	1700 lm	18 W	94 lm/W	≤ 25		OP	IP44	ON/OFF				X 240, Z 25	BX	•	
<b>4000 K / Ø 225 mm / 18 W / 110°</b>																	
ELSA-2 DL 225 OP 110° 1800 840 DALI WH (white, similar to RAL 9003)	E010298950	840	1800 lm	19 W	94 lm/W	≤ 25		OP	IP44	DALI				X 240, Z 25	BS	•	
ELSA-2 DL 225 OP 110° 1800 840 MD IR WH (white, similar to RAL 9003)	E010299032	840	1750 lm	18 W	97 lm/W	≤ 25		OP	IP20	ON/OFF		•		X 240, Z 60	BY	•	★
ELSA-2 DL 225 OP 110° 1800 840 PD IR DALI WH (white, similar to RAL 9003)	E010299674	840	1850 lm	19 W	97 lm/W	≤ 25		OP	IP20	DALI		•		X 240, Z 60	BZ	•	★
ELSA-2 DL 225 OP 110° 1800 840 PD IR PS DALI WH (white, similar to RAL 9003)	E010299667	840	1850 lm	19,5 W	94 lm/W	≤ 25		OP	IP20	DALI		•		X 240, Z 60	BN	•	★
ELSA-2 DL 225 OP 110° 1800 840 WH (white, similar to RAL 9003)	E010299018	840	1800 lm	18 W	100 lm/W	≤ 25		OP	IP44	ON/OFF				X 240, Z 25	BX	•	

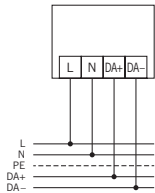
Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
<b>Accessories</b>					
<b>Adapter</b>					
ELSA-2 RING 165	E010300271	Adapter ring 165 – 200 mm for ELSA-2 series	X 215, Z 1,5	•	
ELSA-2 RING 225	E010300264	Adapter ring 225 – 265 mm for ELSA-2 series	X 280, Z 1,5	•	
ELSA-2 RING 65	E010300288	Adapter ring 65 – 105 mm for ELSA-2 series	X 120, Z 1,5	•	
<b>Electrical accessories</b>					
ACTUATOR FULL AUTO C3 DALI	EP10427473	Modul for the conversion of bus commands from the DALI presence detector and other light controls into switching signals (fully automatic)	X 45, Y 45, Z 24	•	
ACTUATOR SEMI AUTO C4 DALI	EP10427480	Modul for the conversion of bus commands from the DALI presence detector and other light controls into switching signals (semi-automatic)	X 45, Y 45, Z 24	•	
JUNCTION BOX 5-POLE BK	E010430947	Universal junction box, black, 5-pin, 2.5 mm²	X 120, Y 62, Z 30	•	
POWER SUPPLY 200mA DALI	EC10430008	200mA power pack for supplying power to DALI operating units or DALI control modules that do not have their own power supply	X 48, Y 45, Z 25	•	
<b>Mounting</b>					
ELSA-2 MOUNTING FRAME 165 SM WH	E010300882	Ceiling installation frame for ELSA-2 165 series	X 250, Z 70	•	
ELSA-2 MOUNTING FRAME 225 SM WH	E010300899	Ceiling installation frame for ELSA-2 225 series	X 310, Z 70	•	
<b>Remote control</b>					
ESY-Pen	EP10425356	ESY-Pen and ESY-App, two tools for every task: (1) Parameterisation, (2) remote control, (3) light measurement, (4) project management	X 166, Y 24, Z 21,5	•	
REMOTE CONTROL MDi/PDi	EM10425509	IR remote control for presence detectors and motion detectors	X 100, Y 50, Z 9	•	
REMOTE CONTROL PDi DALI	EP10425899	IR remote control for DALI presence detectors and motion detectors	X 100, Y 50, Z 9	•	

BN



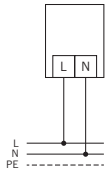
Standard operation with Dali power supply.

BS



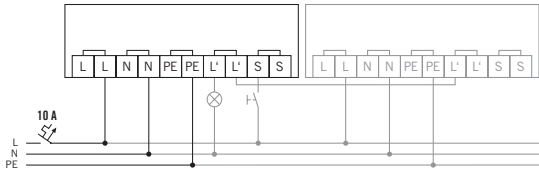
Standard operation.

BX



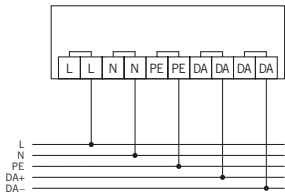
Standard operation.

BY



Standard with optional control via a closing button and parallel wiring of max. ten devices.

BZ



Standard operation.





- Integrated sensor system for presence and daylight dependent constant light control
- Setpoint adjustment by manual dimming
- Closed luminaire head for simple cleaning

**5** YEARS  
MANUFACTURER  
WARRANTY

The ISABELLE free-standing light is an intelligent and particularly flexible lighting solution for individual workplaces that is easy to relocate and transport due to its high degree of portability. The light is characterised by the sleek design of the aluminium housing; the presence detector integrated in the lamp head enables demand-driven control of the direct and indirect light.

**ESY**  
CONTROL



Parameterisable with ESY-Pen and ESY-App.  
More on pages 178 - 179 or at: [esylux.asia/esy-pen](http://esylux.asia/esy-pen).

# ISABELLE

## FLEXIBLE INTELLIGENCE FOR THE BEST EFFICIENCY

Sleek, timeless design with high-quality, powder-coated aluminium housing

2 LED light panels (up/downlight) for direct illumination and indirect overhead light

Convenient operation using a button in the lamp head (switching, dimming/target brightness), adjustment control (switch-off delay time) or the accompanying infrared remote control

Suitable for screen-based workplaces in accordance with DIN EN 12464-1 ( $UGR \leq 19$ )

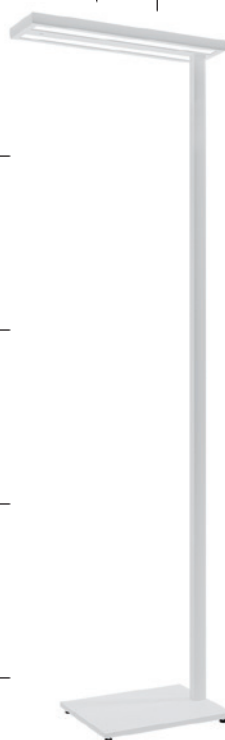
Two foot variants allow the free-standing light to be used with different desk types

Integrated presence detector for presence and daylight dependent lighting of the workplace (constant light control)

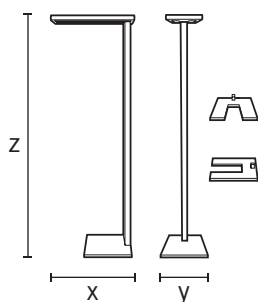
Transparent cover for the indirect light protects against contamination

Flicker-free light for healthy and fatigue-free working

Optimum stability even on uneven surfaces thanks to the height-adjustable screw-in feet



### PRODUCT TYPES



LIGHT DISTRIBUTION	FIELD OF DETECTION	DETECTION RANGE	
			Ceiling 4 m
		Diagonally (A)	Ø 4 m
		Frontal (B)	Ø 3 m
		Presence area (C)	Ø 2 m

CO, C90, CO / C90

Note: Technical data for specific products can be found at [www.esylux.com](http://www.esylux.com).



# ISABELLE

## INDOOR LIGHTING / FREE-STANDING LIGHTS



- Sleek, timeless design with high-quality, powder-coated aluminium housing
- Integrated presence detector for presence and daylight dependent lighting of the workplace (constant light control)
- 2 LED light panels (up/downlight) for direct illumination and indirect overhead light
- Transparent cover for the indirect light protects against contamination
- Convenient operation using a button in the lamp head (switching, dimming/target brightness), adjustment control (switch-off delay time) or the accompanying infrared remote control
- Flicker-free light for healthy and fatigue-free working
- Suitable for screen-based workplaces in accordance with DIN EN 12464-1 ( $UGR \leq 19$ )
- Optimum stability even on uneven surfaces thanks to the height-adjustable screw-in feet
- Two foot variants allow the free-standing light to be used with different desk types
- Rated life time  $L_{80B_{50}}$  at 25 °C: 70000 h

Product group/product name	Item no.	Light colour (IEC 1231)	Luminous flux	Rated output P	Luminous efficacy	Unified Glare Rating	Glare suppression	Diffuser	Protection type	Control system	BT (Bluetooth)	Sensor	Energy efficiency class	Dimensions (mm)	Circuit diagram	Core portfolio	New product
<b>3000 K</b>																	
ISABELLE FSL S-BASE DDP TR 6000 830 PD IR BK (black, similar to RAL 9004)	E010306020	830	6000 lm	47 W	127 lm/W	$\leq 19$	DDP	TR	IP20	ON/OFF	•	•	LED EEL D	X 600, Y 300, Z 1950			
ISABELLE FSL S-BASE DDP TR 6000 830 PD IR WH (white, similar to RAL 9003)	E010306006	830	6000 lm	47 W	127 lm/W	$\leq 19$	DDP	TR	IP20	ON/OFF	•	•	LED EEL D	X 600, Y 300, Z 1950		•	
ISABELLE FSL U-BASE DDP TR 6000 830 PD IR BK (black, similar to RAL 9004)	E010306068	830	6000 lm	47 W	127 lm/W	$\leq 19$	DDP	TR	IP20	ON/OFF	•	•	LED EEL D	X 600, Y 400, Z 1950		•	
ISABELLE FSL U-BASE DDP TR 6000 830 PD IR WH (white, similar to RAL 9003)	E010306044	830	6000 lm	47 W	127 lm/W	$\leq 19$	DDP	TR	IP20	ON/OFF	•	•	LED EEL D	X 600, Y 400, Z 1950		•	
<b>4000 K</b>																	
ISABELLE FSL S-BASE DDP TR 6300 840 PD IR BK (black, similar to RAL 9004)	E010306037	840	6300 lm	47 W	134 lm/W	$\leq 19$	DDP	TR	IP20	ON/OFF	•	•	LED EEL D	X 600, Y 300, Z 1950		•	
ISABELLE FSL S-BASE DDP TR 6300 840 PD IR WH (white, similar to RAL 9003)	E010306013	840	6300 lm	47 W	134 lm/W	$\leq 19$	DDP	TR	IP20	ON/OFF	•	•	LED EEL D	X 600, Y 300, Z 1950			
ISABELLE FSL U-BASE DDP TR 6300 840 PD IR BK (black, similar to RAL 9004)	E010306075	840	6300 lm	47 W	134 lm/W	$\leq 19$	DDP	TR	IP20	ON/OFF	•	•	LED EEL D	X 600, Y 400, Z 1950		•	
ISABELLE FSL U-BASE DDP TR 6300 840 PD IR WH (white, similar to RAL 9003)	E010306051	840	6300 lm	47 W	134 lm/W	$\leq 19$	DDP	TR	IP20	ON/OFF	•	•	LED EEL D	X 600, Y 400, Z 1950		•	

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
<b>Accessories</b>					
<b>Remote control</b>					
ESY-Pen	EP10425356	ESY-Pen and ESY-App, two tools for every task: (1) Parameterisation, (2) remote control, (3) light measurement, (4) project management	X 166, Y 24, Z 21,5	•	
ISABELLE REMOTE CONTROL	E010306082	End-user remote control for ISABELLE series	X 56, Y 29, Z 7	•	





- Variants with integrated sensor system for presence and daylight dependent constant light control
- Setpoint adjustment by manual dimming
- Closed luminaire head for simple cleaning

**5 YEARS**  
MANUFACTURER  
WARRANTY



The ISABELLE pendant light is an elegant lighting solution for conference rooms, entrance areas and many other locations where an effective combination of style and light quality is important. Its sleek, timeless design enables easy integration into any environment, while the optional presence detector integrated in the luminaire head ensures control of glare-free direct and indirect light as required.



Parameterisable with ESY-Pen and ESY-App.  
More on pages 178 - 179 or at: [esylux.asia/esy-pen](http://esylux.asia/esy-pen).

# ISABELLE

## SIMPLE ELEGANCE WITH OPTIONAL SENSOR SYSTEM


Sleek, timeless design with high-quality, powder-coated and warp-resistant metal housing

High-quality PMMA plastic diffuser

With optional integrated presence detector for presence and daylight-dependent lighting of the workplace (constant lighting control) and convenient operation using button or accompanying infrared remote control

Flicker-free light for healthy and fatigue-free working

Pendulum length 220–1500 mm



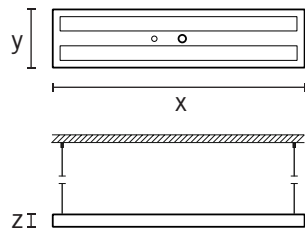
Glare-free direct and indirect light

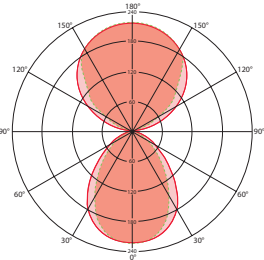
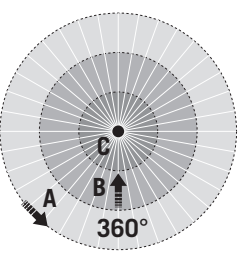
Transparent cover for the indirect light protects against contamination

Suitable for screen-based workplaces in accordance with DIN EN 12464-1 (UGR ≤ 19)

Installation with no additional accessories, electronic ballast included in delivery

PRODUCT TYPES



LIGHT DISTRIBUTION		FIELD OF DETECTION		DETECTION RANGE	
					Ceiling 6 m
				-	-
				-	-
				■ Presence area (C)	Ø 4 m

■ C0, ■ C90, ■ C0 / C90

Note: Technical data for specific products can be found at [www.esylux.com](http://www.esylux.com).

# ISABELLE

## INDOOR LIGHTING / PENDANT LIGHTS



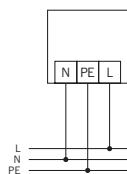
- Sleek, timeless design with high-quality, powder-coated and warp-resistant metal housing
- Glare-free direct and indirect light
- High-quality PMMA plastic diffuser
- Transparent cover for the indirect light protects against contamination
- With optional integrated presence detector for presence and daylight-dependent lighting of the workplace (constant lighting control) and convenient operation using button or accompanying infrared remote control
- Suitable for screen-based workplaces in accordance with DIN EN 12464-1 ( $UGR \leq 19$ )
- Flicker-free light for healthy and fatigue-free working
- Installation with no additional accessories, electronic ballast included in delivery
- Pendulum length 220–1500 mm
- Rated life time  $L_{80}B_{50}$  at 25 °C: 50000 h

Product group/product name	Item no.	Light colour (IEC 1231)	Luminous flux	Rated output P	Luminous efficacy	Unified Glare Rating	Glare suppression	Diffuser	Protection type	Control system	BT (Bluetooth)	Sensor	Energy efficiency class	Dimensions (mm)	Circuit diagram	Core portfolio	New product
<b>4000 K</b>																	
ISABELLE PDL 1200 DDP TR 8600 840 BK (black, similar to RAL 9004)	E010306136	840	8630 lm	79 W	109 lm/W	$\leq 19$	DDP	TR	IP20	ON/OFF			LED EEL D	X 1206, Y 166, Z 30	BD		
ISABELLE PDL 1200 DDP TR 8600 840 WH (white, similar to RAL 9003)	E010306129	840	8630 lm	79 W	109 lm/W	$\leq 19$	DDP	TR	IP20	ON/OFF			LED EEL D	X 1206, Y 166, Z 30	BD		
ISABELLE PDL 1200 DDP TR 8800 840 DALI BK (black, similar to RAL 9004)	E010306174	840	8830 lm	78 W	113 lm/W	$\leq 19$	DDP	TR	IP20	DALI			LED EEL D	X 1206, Y 166, Z 30	BE	•	
ISABELLE PDL 1200 DDP TR 8800 840 DALI WH (white, similar to RAL 9003)	E010306167	840	8830 lm	78 W	113 lm/W	$\leq 19$	DDP	TR	IP20	DALI			LED EEL D	X 1206, Y 166, Z 30	BE	•	
ISABELLE PDL 1200 DDP TR 8800 840 PD IR DALI BK (black, similar to RAL 9004)	E010306211	840	8830 lm	80 W	110 lm/W	$\leq 19$	DDP	TR	IP20	DALI		•	LED EEL D	X 1206, Y 166, Z 30	BE	•	
ISABELLE PDL 1200 DDP TR 8800 840 PD IR DALI WH (white, similar to RAL 9003)	E010306204	840	8830 lm	80 W	110 lm/W	$\leq 19$	DDP	TR	IP20	DALI		•	LED EEL D	X 1206, Y 166, Z 30	BE	•	

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
<b>Accessories</b>					
<b>Adapter</b>					
ISABELLE PDL CONNECTING PLATE BK	E010306259	Connection plate for pendant lights from the ISABELLE series, anthracite	X 140, Y 54, Z 2	•	
ISABELLE PDL CONNECTING PLATE WH	E010306242	Connection plate for pendant lights from the ISABELLE series, white	X 140, Y 54, Z 2	•	
<b>Remote control</b>					
ESY-Pen	EP10425356	ESY-Pen and ESY-App, two tools for every task: (1) Parameterisation, (2) remote control, (3) light measurement, (4) project management	X 166, Y 24, Z 21,5	•	
ISABELLE REMOTE CONTROL	E010306082	End-user remote control for ISABELLE series	X 56, Y 29, Z 7	•	

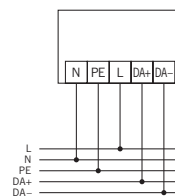


BD



Standard operation.

BE



Standard operation with Dali power supply.

- Simple through-wiring with push terminals on both housing sides

**5** YEARS  
MANUFACTURER  
WARRANTY

The OLIVIA moisture proof luminaires are ideal for illuminating passages, halls, garages, carports and cellars. Clever details simplify installation, protection type IP65 guarantees high weather protection and supports easy cleaning.

# OLIVIA

## WELL-PROTECTED LIGHT THAT IS EASY TO SCALE

Installation without additional accessories; control gear included in delivery

Simple through-wiring with push terminals on both housing sides

Diffuser can easily be removed with handy lock clips

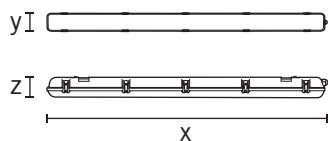
Stainless steel lock clips as an optional accessory

IK08 impact protection, protection type IP65

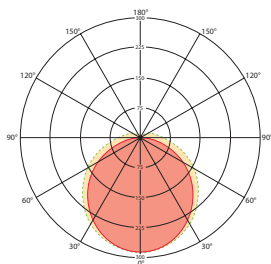
Flicker-free light



### PRODUCT TYPES



### LIGHT DISTRIBUTION



CO, C90, CO / C90

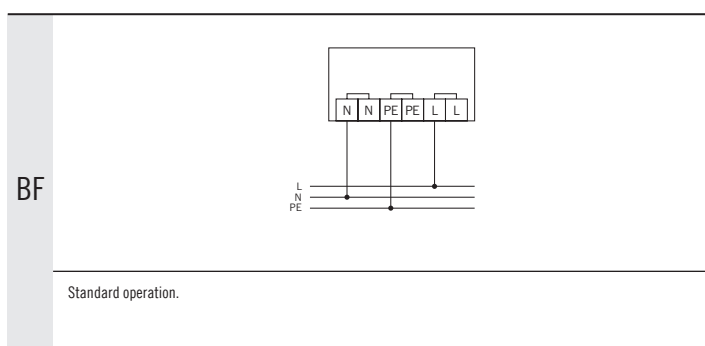
Note: Technical data for specific products can be found at [www.esylux.com](http://www.esylux.com).



- Installation without additional accessories; control gear included in delivery
- Simple through-wiring with push terminals on both housing sides
- Diffuser can easily be removed with handy lock clips
- Stainless steel lock clips as an optional accessory
- IK08 impact protection, protection type IP65
- Flicker-free light
- Rated life time  $L_{80}B_{50}$  at 25 °C: 55000 h

Product group/product name	Item no.	Light colour (IEC 1231)	Luminous flux	Rated output P	Luminous efficacy	Unified Glare Rating	Glare suppression	Diffuser	Protection type	Control system	BT (Bluetooth)	Sensor	Energy efficiency class	Dimensions (mm)	Circuit diagram	Core portfolio	New product
4000 K / 1265 mm / 36 W																	
OLIVIA MPL 1265 OP 3800 840 (light grey, similar to RAL 7035)	E010310102	840	3750 lm	39 W	96 lm/W	≤ 25	OP	IP65	ON/OFF				LED EEL E	X 1265, Y 130, Z 88	BF	•	
4000 K / 1565 mm / 50 W																	
OLIVIA MPL 1565 OP 4700 840 (light grey, similar to RAL 7035)	E010310119	840	4650 lm	49 W	94 lm/W	≤ 25	OP	IP65	ON/OFF				LED EEL D	X 1565, Y 130, Z 88	BF	•	

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
<b>Accessories</b>					
<b>Mounting</b>					
OLIVIA CLAMP SET 10x	E010310188	Mounting clamps for diffuser from the OLIVIA series, 10 pcs, stainless steel	X 58, Y 26, Z 10	•	
OLIVIA CLAMP SET 12x	E010310195	Mounting clamps for diffuser from the OLIVIA series, 12 pcs, stainless steel	X 58, Y 26, Z 10	•	







- Particularly flexible applications due to pivot joint
- Equipped with 360° creep protection
- KNX version with two dimmable light channels for orientation lights

**5** YEARS  
MANUFACTURER  
WARRANTY



The RC outdoor motion detectors are suitable for all common applications on building façades and projections thanks to the wide range of setting and installation options. A special bracket also enables trouble-free wall or ceiling mounting on inner and outer corners. 360° creep protection ensures unbroken coverage — and therefore maximum safety.

**ESY**  
CONTROL



Parameterisable with ESY-Pen and ESY-App.  
More on pages 178 - 179 or at: [esylux.asia/esy-pen](http://esylux.asia/esy-pen).

# RC

## RELIABLE DETECTION FOR FLEXIBLE USE

Movement and daylight-dependent switching of outdoor lighting

Easy wall or ceiling mounting thanks to pivot joint and one-handed plug-in base with large wiring area

Special bracket for mounting on inner and outer corners available as an accessory (included in the scope of delivery for 280°)

Immediately ready for use thanks to pre-installed factory settings

High level of safety thanks to 360° creep protection

Convenient modification of settings and functions using an infrared remote control (e.g. permanent on/off switching of the lighting for 12 hours or automatic reading of the current light value)

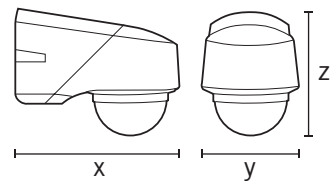
Simple through-wiring thanks to the double cable entry with elastic sealing membrane

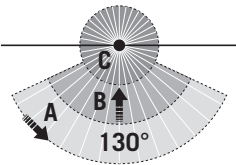
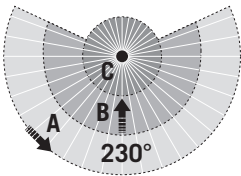
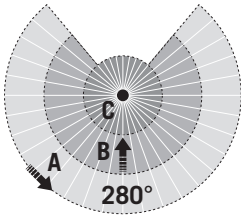
Retractable setting elements prevent unintentional parameter adjustment

Wide range of options for adapting the detection range to the conditions at the property



PRODUCT TYPES



FIELD OF DETECTION			DETECTION RANGE		
				Wall 130°	Wall 230°/280°
			■ Diagonally (A)	20 m	Ø 40 m
			■ Frontal (B)	8 m	Ø 16 m
			■ Creep protection (C)	Ø 6 m	Ø 6 m

Note: Technical data for specific products can be found at [www.esylux.com](http://www.esylux.com).

# RC

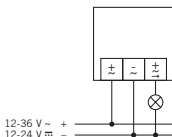
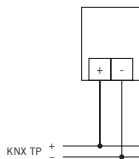
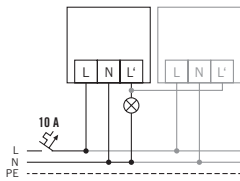
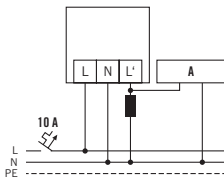
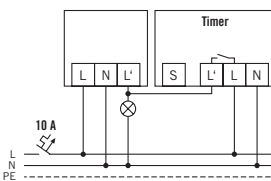
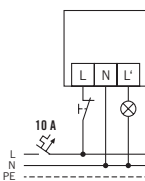
## OUTDOOR AUTOMATION / MOTION DETECTORS



- Movement and daylight-dependent switching of outdoor lighting
- Easy wall or ceiling mounting thanks to pivot joint and one-handed plug-in base with large wiring area
- Special bracket for mounting on inner and outer corners available as an accessory (included in the scope of delivery for 280°)
- Immediately ready for use thanks to pre-installed factory settings
- High level of safety thanks to 360° creep protection
- Convenient modification of settings and functions using an infrared remote control (e.g. permanent on/off switching of the lighting for 12 hours or automatic reading of the current light value)
- Simple through-wiring thanks to the double cable entry with elastic sealing membrane
- Retractable setting elements prevent unintentional parameter adjustment
- Wide range of options for adapting the detection range to the conditions at the property

Product group/product name	Item no.	Detection angle	Detection range	Installation type	Number of light channels	Function	Constant lighting control	Push button input lighting	In-rush current	Adjustable switch-off delay time	Number of HVAC-channels	Push button input HVAC	Slave input	Protection type	Dimensions (mm)	Circuit diagram	Core portfolio	New product
<b>Motion detectors / Ceiling and wall mounting / 12 – 36 V UC</b>																		
<b>12 – 36 V UC</b>																		
RC 230i UC (white, similar to RAL 9010)	EM10015649	230°	Ø 40 m	SM	1	Switching								IP54	X 135, Y 78, Z 105	AV		
<b>Motion detectors / Ceiling and wall mounting / KNX</b>																		
<b>KNX</b>																		
RC 230 KNX (white, similar to RAL 9010)	EM10015472	230°	Ø 40 m	SM	2	Switching/ Regulate	•	1		•	1	•	•	IP54	X 135, Y 78, Z 105	0		
<b>Motion detectors / Ceiling and wall mounting / ON/OFF</b>																		
<b>ON/OFF</b>																		
RC 130i black (black, similar to RAL 9005)	EM10015212	130°	r 20 m	SM	1	Switching			100 A / 200 µs	•				IP54	X 135, Y 78, Z 105	AW		
RC 130i brown (brown, similar to RAL 8017)	EM10015113	130°	r 20 m	SM	1	Switching			100 A / 200 µs	•				IP54	X 135, Y 78, Z 105	AW		
RC 130i white (white, similar to RAL 9010)	EM10015014	130°	r 20 m	SM	1	Switching			100 A / 200 µs	•				IP54	X 135, Y 78, Z 105	AW		
RC 230i black (black, similar to RAL 9005)	EM10015519	230°	Ø 40 m	SM	1	Switching			100 A / 200 µs	•				IP54	X 135, Y 78, Z 105	AW		
RC 230i brown (brown, similar to RAL 8017)	EM10015410	230°	Ø 40 m	SM	1	Switching			100 A / 200 µs	•				IP54	X 135, Y 78, Z 105	AW		
RC 230i white (white, similar to RAL 9010)	EM10015311	230°	Ø 40 m	SM	1	Switching			100 A / 200 µs	•				IP54	X 135, Y 78, Z 105	AW		
RC 230i stainless steel appearance (silver-grey, similar to RAL 9006)	EM10015618	230°	Ø 40 m	SM	1	Switching			100 A / 200 µs	•				IP54	X 135, Y 78, Z 105	AW		
RC 280i black (black, similar to RAL 9005)	EM10015915	280°	Ø 40 m	SM	1	Switching			100 A / 200 µs	•				IP54	X 135, Y 78, Z 105	AW		
RC 280i brown (brown, similar to RAL 8017)	EM10015816	280°	Ø 40 m	SM	1	Switching			100 A / 200 µs	•				IP54	X 135, Y 78, Z 105	AW		
RC 280i white (white, similar to RAL 9010)	EM10015717	280°	Ø 40 m	SM	1	Switching			100 A / 200 µs	•				IP54	X 135, Y 78, Z 105	AW		

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
<b>Accessories</b>					
<b>Electrical accessories</b>					
FILTER 230 V	EP10426988	Filter for suppression of inductive loads, such as relays, contactors, fluorescent lamps and transformers	X 62, Y 26, Z 10	•	
<b>Mounting</b>					
RC EDGE MOUNTING BK	EM10016134	Corner bracket for RC series, black	X 85, Y 72, Z 38	•	
RC EDGE MOUNTING BN	EM10016127	Corner bracket for RC series, brown	X 85, Y 72, Z 38	•	
RC EDGE MOUNTING SR	EM10016141	Corner bracket for RC series, silver	X 85, Y 72, Z 38	•	
RC EDGE MOUNTING WH	EM10016110	Corner bracket for RC series, white	X 85, Y 72, Z 38	•	
<b>Remote control</b>					
ESY-Pen	EP10425356	ESY-Pen and ESY-App, two tools for every task: (1) Parameterisation, (2) remote control, (3) light measurement, (4) project management	X 166, Y 24, Z 21,5	•	
RC REMOTE CONTROL	EM10016004	IR remote control for RC series	X 100, Y 50, Z 9	•	
REMOTE CONTROL USER	EM10016011	IR remote control for end users	X 56, Y 29, Z 7	•	

AV	 <p>12-36 V ~ + 12-24 V ~ -</p>	0	 <p>KNX TP + -</p>
	Standard operation.		Standard operation.
AW	 <p>10 A L N PE</p>	 <p>10 A L N PE</p>	
	Standard operation with optional parallel wiring of max. 8 motion detectors.	An RC filter may be required when connecting inductors (e.g. relays, contactors, ballasts).	
AW	 <p>10 A L N PE</p>	 <p>10 A L N PE</p>	
	Standard operation with automatic stairwell light.	Standard operation with the additional possibility of switching on by hand.	

- Time-dependent operating modes
- Password protection against unauthorised parameterisation
- Intelligent vandalism and sabotage protection (light switches on in the event of a malfunction)

**5** YEARS  
MANUFACTURER  
WARRANTY



The DEFENSOR motion detectors can be relied upon in every situation thanks to intelligent vandalism and sabotage protection or time-dependent operating modes. Particularly convenient: With the factory settings, the device can be commissioned immediately and the settings can be conveniently adjusted at a later date using the ESY-Pen and ESY-App. Tailored configuration of fields of detection and variants with switch-off delay times based on motion direction detection mean that this device can be controlled even more precisely, while the many mounting options ensure great flexibility.



Parameterisable with ESY-Pen and ESY-App.  
More on pages 178 - 179 or at: [esylux.asia/esy-pen](http://esylux.asia/esy-pen).



# DEFENSOR

## EASILY OFFERS MORE PROTECTION

Movement and daylight-dependent switching of outdoor lighting

Intelligent vandalism and sabotage protection (230° and 280°; light switches on in the event of a malfunction)

Switch-off delay times based on motion direction detection (230° and 280°)

Factory settings ensure immediate operability

Time-dependent operating modes (230° and 280°)

360° creep protection (230° and 280°; can be deactivated)

Password protection against unauthorised parameterisation

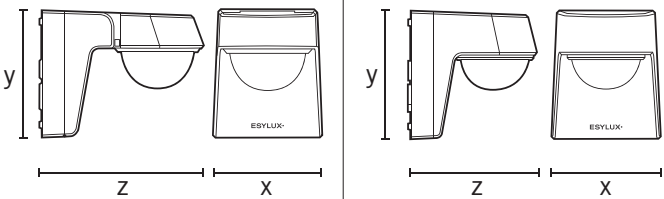
Easy to configure using the ESY-Pen and ESY-App

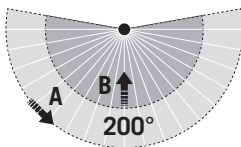
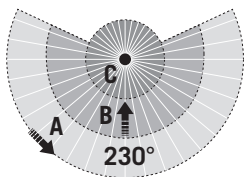
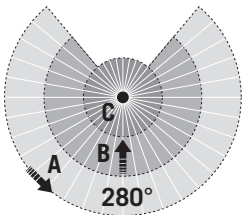
Flexible sensor head for wall and ceiling mounting (230° and 280°)

Quick installation using push terminals up to 2.5 mm<sup>2</sup>



PRODUCT TYPES



FIELD OF DETECTION		DETECTION RANGE			
				Wall 200°	Wall 230°/280°
			Diagonally (A)	Ø 24 m	Ø 40 m
			Frontal (B)	Ø 8 m	Ø 10 m
			Creep protection (C)	-	Ø 4 m

Note: Technical data for specific products can be found at [www.esylux.com](http://www.esylux.com).

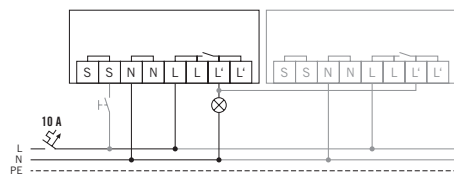


- Movement and daylight-dependent switching of outdoor lighting
- Time-dependent operating modes (230° and 280°)
- Intelligent vandalism and sabotage protection (230° and 280°; light switches on in the event of a malfunction)
- 360° creep protection (230° and 280°; can be deactivated)
- Switch-off delay times based on motion direction detection (230° and 280°)
- Password protection against unauthorised parameterisation
- Factory settings ensure immediate operability
- Easy to configure using the ESY-Pen and ESY-App
- Flexible sensor head for wall and ceiling mounting (230° and 280°)
- Quick installation using push terminals up to 2.5 mm<sup>2</sup>
- Through-wiring thanks to double diaphragm line entry, including for an earthing cable with a diameter of 15 mm
- Masking of fields of detection thanks to the lens mask that can be cut to size
- Customisable sensitivity of fields of detection (230° and 280°)
- Very high overvoltage protection (surge 2 kV, burst 4 kV)
- Zero-cross switching for LED switching that protects the relay
- Switch input
- Impulse feature
- Special bracket for mounting on inner and outer corners, available as accessory

Product group/product name	Item no.	Detection angle	Detection range	Installation type	Number of light channels	Function	Constant lighting control	Push button input lighting	In-rush current	Adjustable switch-off delay time	Number of HVAC-channels	Push button input HVAC	Slave input	Protection type	Dimensions (mm)	Circuit diagram	Core portfolio	New product
Motion detectors / Ceiling and wall mounting / ON/OFF																		
ON/OFF																		
DEFENSOR MD 200° 24 IR 1C IP55 AN (graphite grey, similar to RAL 7024)	EM10025365	200°	Ø 24 m	SM	1	Switching	1	800 A / 200 µs	•					IP55	X 108, Y 92, Z 107,5	AX	•	★
DEFENSOR MD 200° 24 IR 1C IP55 WH (white, similar to RAL 9003)	EM10025358	200°	Ø 24 m	SM	1	Switching	1	800 A / 200 µs	•					IP55	X 108, Y 92, Z 107,5	AX	•	★
DEFENSOR MD 230° 40 IR 1C IP55 AN (graphite grey, similar to RAL 7024)	EM10025389	230°	Ø 40 m	SM	1	Switching	1	800 A / 200 µs	•					IP55	X 138, Y 92, Z 107,5	AX	•	★
DEFENSOR MD 230° 40 IR 1C IP55 WH (white, similar to RAL 9003)	EM10025372	230°	Ø 40 m	SM	1	Switching	1	800 A / 200 µs	•					IP55	X 138, Y 92, Z 107,5	AX	•	★
DEFENSOR MD 280° 40 IR 1C IP55 AN (graphite grey, similar to RAL 7024)	EM10025402	280°	Ø 40 m	SM	1	Switching	1	800 A / 200 µs	•					IP55	X 138, Y 92, Z 107,5	AX	•	★
DEFENSOR MD 280° 40 IR 1C IP55 WH (white, similar to RAL 9003)	EM10025396	280°	Ø 40 m	SM	1	Switching	1	800 A / 200 µs	•					IP55	X 138, Y 92, Z 107,5	AX	•	★

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
Accessories					
Mounting					
DEFENSOR EDGE MOUNTING AN	EM10025457	Corner bracket for DEFENSOR series, anthracite	X 107,5, Y 92, Z 31,2	•	★
DEFENSOR EDGE MOUNTING WH	EM10025419	Corner bracket for DEFENSOR series, white	X 107,5, Y 92, Z 31,2	•	★
DEFENSOR SPACER AN	EM10025433	Spacer for DEFENSOR series, anthracite	X 86,5, Y 85, Z 28	•	★
DEFENSOR SPACER WH	EM10025426	Spacer for DEFENSOR series, white	X 86,5, Y 85, Z 28	•	★
Remote control					
DEFENSOR REMOTE CONTROL USER	EM10025495	IR remote control for end users of the DEFENSOR series: Setting the level of brightness, the switch-off delay time (5 or 15 minutes) and light ON/OFF for 12 hours	X 56, Y 29, Z 7	•	★
ESY-Pen	EP10425356	ESY-Pen and ESY-App, two tools for every task: (1) Parameterisation, (2) remote control, (3) light measurement, (4) project management	X 166, Y 24, Z 21,5	•	

AX



Standard with optional control via a closing button and parallel wiring of max. ten devices.

- Harmonious design
- Optimised for controlling LED lights in outdoor areas
- Individual fields of detection for two zones

**5** YEARS  
MANUFACTURER  
WARRANTY

The design of the MD-W series blends in harmoniously with the design of outer façades — entirely in keeping with common stair or wall lights. Different coloured covering caps available as accessories enable the housing to be tailored to the respective building.



Parameterisable with ESY-Pen and ESY-App.  
More on pages 178 - 179 or at: [esylux.asia/esy-pen](http://esylux.asia/esy-pen).

# MD-W

## FUNCTIONALITY MEETS DESIGN

Motion and daylight dependent switching of outdoor lighting

Harmonious design with various covering caps

Simple wall mounting thanks to universal one-handed plug-in base with large wiring area

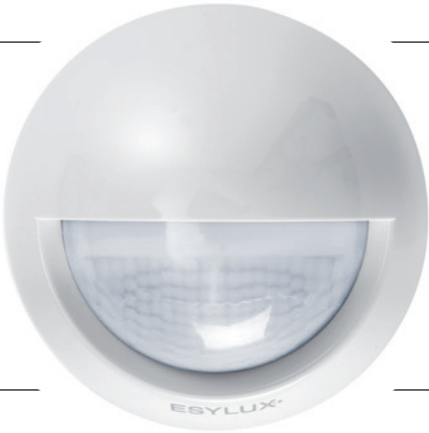
Instantly ready to use due to pre-installed factory settings

Convenient modification of settings and functions using an infrared remote control (e.g. permanent on/off switching of the lighting for 12 hours or automatic reading of the current light value)

Simple through-wiring due to double line entrance with elastic sealing membrane

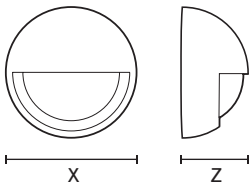
Simple adjustment of the detection range thanks to lens covers that can be cut to size and mechanically adjustable covers

Concealed setting elements prevent unintentional parameter adjustment



Optimised for the control of LED lights via high-performance relay with tungsten pre-contact

PRODUCT TYPES



FIELD OF DETECTION	DETECTION RANGE	
		Wall 200°
	■ Diagonally (A)	Ø 20 m
	■ Frontal (B)	Ø 10 m
	-	-

Note: Technical data for specific products can be found at [www.esylux.com](http://www.esylux.com).

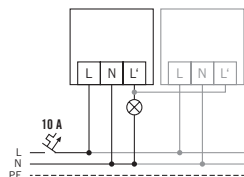




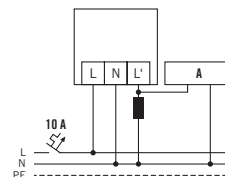
- Motion and daylight dependent switching of outdoor lighting
- Harmonious design with various covering caps
- Simple wall mounting thanks to universal one-handed plug-in base with large wiring area
- Instantly ready to use due to pre-installed factory settings
- Convenient modification of settings and functions using an infrared remote control (e.g. permanent on/off switching of the lighting for 12 hours or automatic reading of the current light value)
- Simple through-wiring due to double line entrance with elastic sealing membrane
- Simple adjustment of the detection range thanks to lens covers that can be cut to size and mechanically adjustable covers
- Concealed setting elements prevent unintentional parameter adjustment
- Optimised for the control of LED lights via high-performance relay with tungsten pre-contact

Product group/product name	Item no.	Detection angle	Detection range	Installation type	Number of light channels	Function	Constant lighting control	Push button input lighting	In-rush current	Adjustable switch-off delay time	Number of HVAC-channels	Push button input HVAC	Slave input	Protection type	Dimensions (mm)	Circuit diagram	Core portfolio	New product
Motion detectors / Wall mounting / ON/OFF																		
ON/OFF																		
MD-W 200i black (black, similar to RAL 9005)	EM10041020	200°	Ø 20 m	SM	1	Switching			800 A / 200 µs	•				IP55	X 110, Z 55	AW	•	
MD-W 200i white (white, similar to RAL 9010)	EM10041006	200°	Ø 20 m	SM	1	Switching			800 A / 200 µs	•				IP55	X 110, Z 55	AW	•	

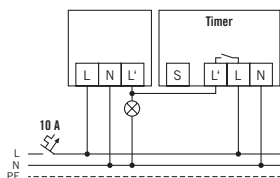
Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
Accessories					
Cover					
MD-W COVER BK	EM10041112	Cover cap for MD-W series, black	X 110, Z 55	•	
MD-W COVER BN	EM10041105	Cover cap for MD-W series, brown	X 110, Z 55	•	
MD-W COVER SR	EM10041129	Cover cap for MD-W series, silver	X 110, Z 55	•	
MD-W COVER WH	EM10041099	Cover cap for MD-W series, white	X 110, Z 55	•	
Remote control					
ESY-Pen	EP10425356	ESY-Pen and ESY-App, two tools for every task: (1) Parameterisation, (2) remote control, (3) light measurement, (4) project management	X 166, Y 24, Z 21,5	•	
REMOTE CONTROL USER	EM10016011	IR remote control for end users	X 56, Y 29, Z 7	•	



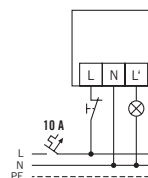
Standard operation with optional parallel wiring of max. 8 motion detectors.



An RC filter may be required when connecting inductors (e.g. relays, contactors, ballasts).



Standard operation with automatic stairwell light.



Standard operation with the additional possibility of switching on by hand.

- Optimised for the unobtrusive control of LED lights in outdoor areas
- One-handed plug-in base for easy installation

**5** YEARS  
MANUFACTURER  
WARRANTY



Mounted on house walls, garages or other façades, the MD outdoor motion detectors enable discreet, needs-based control of outdoor lighting. Different housing colours enable a perfect visual match with the respective building.

# MD

## MODERN SENSORS EASILY INSTALLED

Motion and daylight dependent switching of outdoor lighting

Simple wall mounting thanks to universal one-handed plug-in base with large wiring area

Special bracket for mounting on inner and outer corners available as an accessory

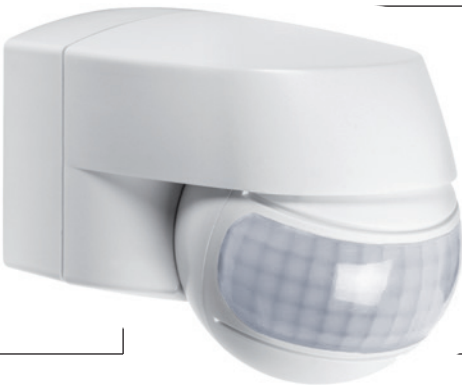
Simple through-wiring due to double line entrance with elastic sealing membrane

Instantly ready to use due to pre-installed factory settings

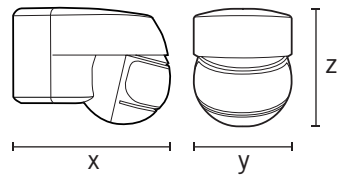
Simple adjustment of the range and field of detection thanks to the revolving and tilting ball head technology and the lens cover, which can be cut to size

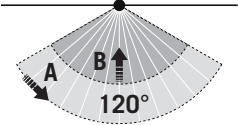
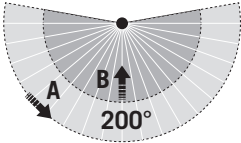
Change the level of brightness and switch-off delay time easily using the operating elements on the detector

Optimised to control LED lights while protecting the relay through zero-cross switching



### PRODUCT TYPES



FIELD OF DETECTION		DETECTION RANGE		
			Wall 120°	Wall 200°
		■ Diagonally (A)	12 m	Ø 20 m
		■ Frontal (B)	5 m	Ø 10 m
		-	-	-

Note: Technical data for specific products can be found at [www.esylux.com](http://www.esylux.com).

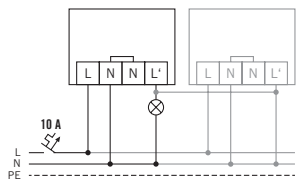


- Motion and daylight dependent switching of outdoor lighting
- Simple wall mounting thanks to universal one-handed plug-in base with large wiring area
- Special bracket for mounting on inner and outer corners available as an accessory
- Simple through-wiring due to double line entrance with elastic sealing membrane
- Instantly ready to use due to pre-installed factory settings
- Simple adjustment of the range and field of detection thanks to the revolving and tilting ball head technology and the lens cover, which can be cut to size
- Change the level of brightness and switch-off delay time easily using the operating elements on the detector
- Optimised to control LED lights while protecting the relay through zero-cross switching

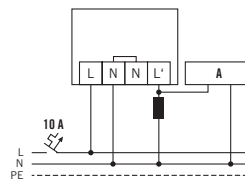
Product group/product name	Item no.	Detection angle	Detection range	Installation type	Number of light channels	Function	Constant lighting control	Push button input lighting	In-rush current	Adjustable switch-off delay time	Number of HVAC-channels	Push button input HVAC	Slave input	Protection type	Dimensions (mm)	Circuit diagram	Core portfolio	New product
<b>Motion detectors / Wall mounting / ON/OFF</b>																		
<b>ON/OFF</b>																		
MD 120 black (black, similar to RAL 9005)	EM10025235	120°	r 12 m	SM	1	Switching			30 A / 20 ms	•				IP44	X 102, Y 74, Z 81	AY	•	
MD 120 brown (brown, similar to RAL 8017)	EM10025228	120°	r 12 m	SM	1	Switching			30 A / 20 ms	•				IP44	X 102, Y 74, Z 81	AY	•	
MD 120 white (white, similar to RAL 9010)	EM10025211	120°	r 12 m	SM	1	Switching			30 A / 20 ms	•				IP44	X 102, Y 74, Z 81	AY	•	
MD 200 black (black, similar to RAL 9005)	EM10025334	200°	Ø 20 m	SM	1	Switching			30 A / 20 ms	•				IP44	X 102, Y 74, Z 81	AY	•	
MD 200 brown (brown, similar to RAL 8017)	EM10025327	200°	Ø 20 m	SM	1	Switching			30 A / 20 ms	•				IP44	X 102, Y 74, Z 81	AY	•	
MD 200 white (white, similar to RAL 9010)	EM10025310	200°	Ø 20 m	SM	1	Switching			30 A / 20 ms	•				IP44	X 102, Y 74, Z 81	AY	•	

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
<b>Accessories</b>					
<b>Electrical accessories</b>					
FILTER 230 V	EP10426988	Filter for suppression of inductive loads, such as relays, contactors, fluorescent lamps and transformers	X 62, Y 26, Z 10	•	
<b>Mounting</b>					
MD EDGE MOUNTING BK	EM10025532	Corner bracket for MD series, black	X 65, Y 72, Z 25	•	
MD EDGE MOUNTING BN	EM10025525	Corner bracket for MD series, brown	X 65, Y 72, Z 25	•	

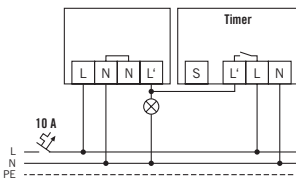




Standard operation with optional parallel wiring of max. eight motion detectors.



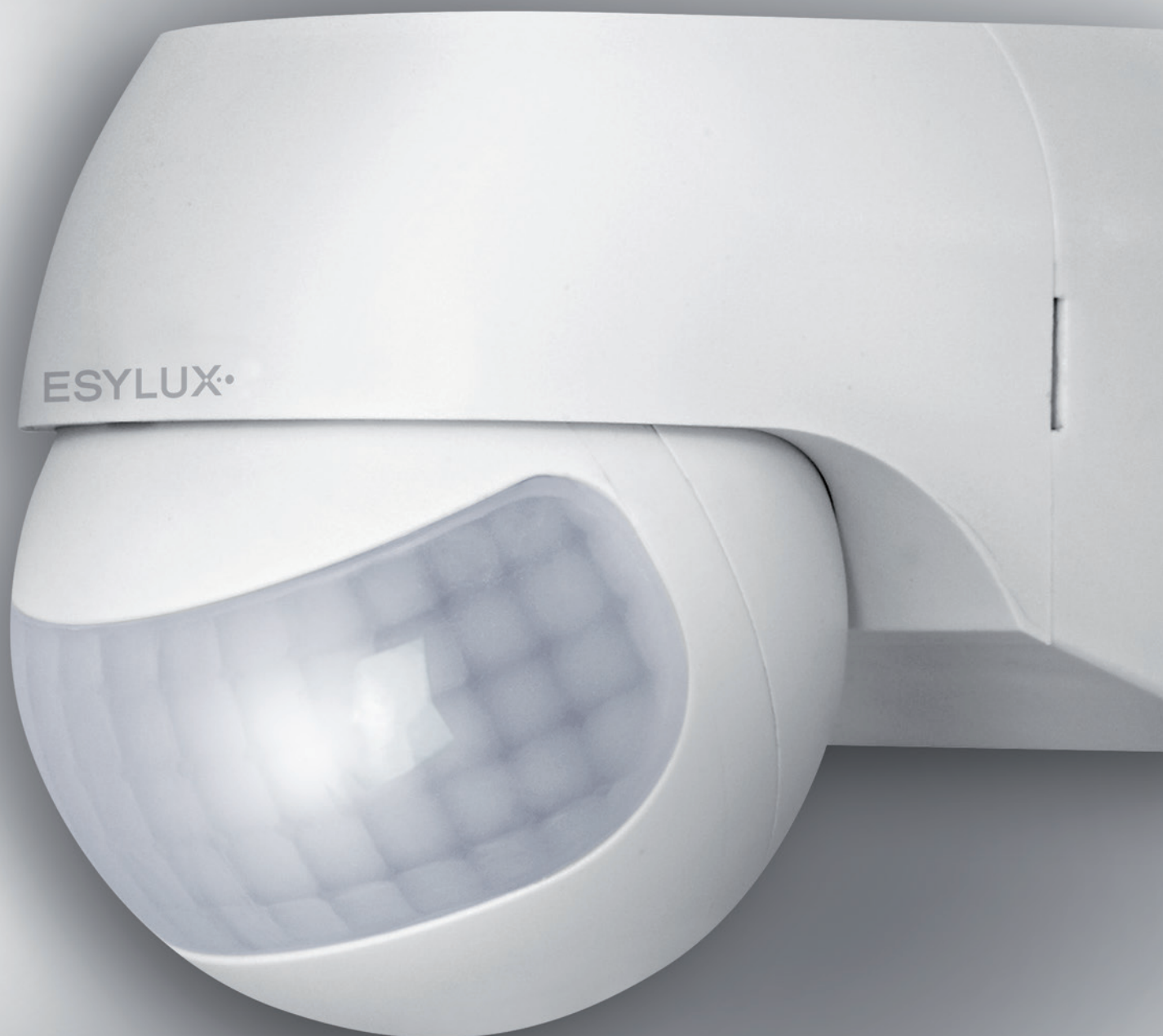
When connecting inductors (e.g. relays, contactors, ballasts) the use of a filter (A) may be necessary.



Standard operation with automatic stairwell light.

- High-quality technology at an entry-level price

**5** YEARS  
MANUFACTURER  
WARRANTY



The sensors from the BASIC series offer a simple entry route into demand-driven building automation. Mounted on house walls, garages or other façades, the wall-mounted motion detectors from this series enable convenient, energy-efficient control of outdoor lighting.

# BASIC

## FULL ENERGY EFFICIENCY AT A LOW PRICE

Movement and daylight dependent switching of outdoor lighting

Bracket for easy wall mounting

Double line entrance with elastic sealing membrane

Instantly ready to use due to pre-installed factory settings

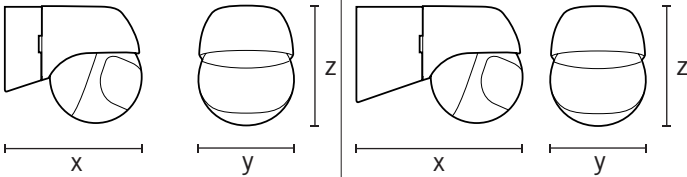
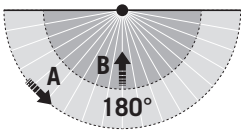
Easy adjustment of range and field of detection with revolving and tilting ball-head technology

Change the level of brightness and switch-off delay time easily using controls in the detector

Large variant with more wiring area for cables up to 2.5 mm²



PRODUCT TYPES

	
FIELD OF DETECTION	DETECTION RANGE
	
	Wall 180°
	Diagonally (A)      Ø 20 m
	Frontal (B)      Ø 10 m
	-

Note: Technical data for specific products can be found at [www.esylux.com](http://www.esylux.com).

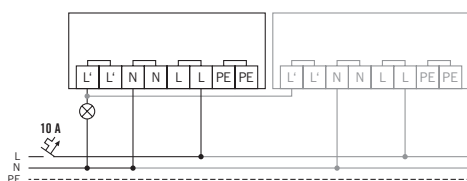
# BASIC

## OUTDOOR AUTOMATION / MOTION DETECTORS

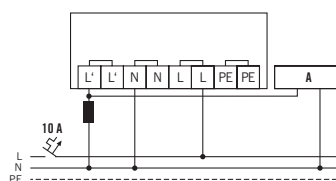


- Movement and daylight dependent switching of outdoor lighting
- Bracket for easy wall mounting
- Double line entrance with elastic sealing membrane
- Instantly ready to use due to pre-installed factory settings
- Easy adjustment of range and field of detection with revolving and tilting ball-head technology
- Change the level of brightness and switch-off delay time easily using controls in the detector
- Large variant with more wiring area for cables up to 2.5 mm<sup>2</sup>

Product group/product name	Item no.	Detection angle	Detection range	Installation type	Number of light channels	Function	Constant lighting control	Push button input lighting	In-rush current	Adjustable switch-off delay time	Number of HVAC-channels	Push button input HVAC	Slave input	Protection type	Dimensions (mm)	Circuit diagram	Core portfolio	New product
Motion detectors / Wall mounting / ON/OFF																		
ON/OFF																		
MD 180 BASIC black (black, similar to RAL 9005)	EM10055096	180°	Ø 20 m	SM	1	Switching			40 A / 20 ms	•				IP44	X 80, Y 55, Z 66	AZ	•	
MD 180 BASIC white (white, similar to RAL 9010)	EM10055089	180°	Ø 20 m	SM	1	Switching			40 A / 20 ms	•				IP44	X 80, Y 55, Z 66	AZ	•	
MD 180 BASIC L black (black, similar to RAL 9005)	EM10055515	180°	Ø 20 m	SM	1	Switching			40 A / 20 ms	•				IP44	X 102, Y 55, Z 66	AZ	•	
MD 180 BASIC L white (white, similar to RAL 9010)	EM10055508	180°	Ø 20 m	SM	1	Switching			40 A / 20 ms	•				IP44	X 102, Y 55, Z 66	AZ	•	

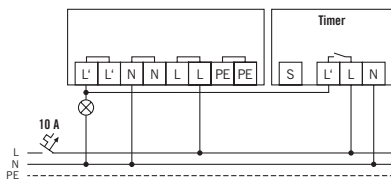


Standard operation with optional parallel wiring of max. six motion detectors.



When connecting inductors (e.g. relays, contactors, ballasts) the use of a filter (A) may be necessary.

AZ



Standard operation with automatic stairwell light.







- Time-dependent operating modes (TS T)
- Password protection against unauthorised parameterisation
- High overvoltage protection (surge 2 kV, burst 4 kV)

**5** YEARS  
MANUFACTURER  
WARRANTY



The DEFENSOR twilight switches reliably and discreetly increase safety around the building. Once darkness falls, they automatically or semi-automatically switch on the lights in the event of insufficient ambient lighting or can also be controlled via time-dependent operating modes. They therefore guarantee flexibility and energy efficiency, as well as protecting the relay during the operation of LED lights thanks to zero-cross switching. With the factory settings, the device can be commissioned immediately and the settings can be conveniently adjusted at a later date using the ESY-Pen and ESY-App.

**ESY**  
CONTROL



Parameterisable with ESY-Pen and ESY-App.  
More on pages 178 - 179 or at: [esylux.asia/esy-pen](http://esylux.asia/esy-pen).

# DEFENSOR

## EASILY OFFERS MORE PROTECTION

Daylight-dependent switching of outdoor lighting

Time-dependent operating modes (TS T)

Password protection against unauthorised parameterisation

Factory settings ensure immediate operability

High overvoltage protection (surge voltage 2 kV, repeating fast transients 4 kV)

Simple installation thanks to the large wiring space and push terminals up to 2.5 mm<sup>2</sup>

Through-wiring thanks to double diaphragm line entry, including for earthing cable with a diameter of 15 mm

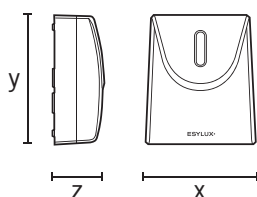
Easy to configure using the ESY-Pen and ESY-App

Switching delay prevents switching errors

Zero-cross switching for LED switching that protects the relay



### PRODUCT TYPES



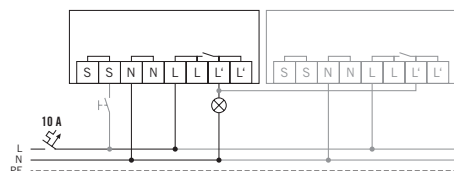


- Daylight-dependent switching of outdoor lighting
- Time-dependent operating modes (TS T)
- Password protection against unauthorised parameterisation
- Factory settings ensure immediate operability
- High overvoltage protection (surge voltage 2 kV, repeating fast transients 4 kV)
- Simple installation thanks to the large wiring space and push terminals up to 2.5 mm<sup>2</sup>
- Through-wiring thanks to double diaphragm line entry, including for earthing cable with a diameter of 15 mm
- Easy to configure using the ESY-Pen and ESY-App
- Switching delay prevents switching errors
- Zero-cross switching for LED switching that protects the relay
- Switch input

Product group/product name	Item no.	Installation type	Number of light channels	Push button input lighting	In-rush current	Level of brightness	Integrated timer	Protection type	Dimensions (mm)	Circuit diagram	Core portfolio	New product
Twilight switch / Wall mounting / ON/OFF												
ON/OFF												
DEFENSOR TS IR 1C IP55 WH (white, similar to RAL 9003)	ED10025471	SM	1	1	800 A / 200 µs	2 - 500 lx		IP55	X 108, Y 92, Z 46	AX	•	★
DEFENSOR TS T IR 1C IP55 WH (white, similar to RAL 9003)	ED10025464	SM	1	1	800 A / 200 µs	2 - 500 lx	•	IP55	X 108, Y 92, Z 46	AX	•	★

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
Accessories					
Mounting					
DEFENSOR EDGE MOUNTING WH	EM10025419	Corner bracket for DEFENSOR series, white	X 107,5, Y 92, Z 31,2	•	★
DEFENSOR SPACER WH	EM10025426	Spacer for DEFENSOR series, white	X 86,5, Y 85, Z 28	•	★
Remote control					
DEFENSOR REMOTE CONTROL USER	EM10025495	IR remote control for end users of the DEFENSOR series: Setting the level of brightness, the switch-off delay time (5 or 15 minutes) and light ON/OFF for 12 hours	X 56, Y 29, Z 7	•	★
ESY-Pen	EP10425356	ESY-Pen and ESY-App, two tools for every task: (1) Parameterisation, (2) remote control, (3) light measurement, (4) project management	X 166, Y 24, Z 21,5	•	

AX



Standard with optional control via a closing button and parallel wiring of max. ten devices.

- Large wiring space for easy installation

**3** YEARS  
MANUFACTURER  
WARRANTY



The CDS series twilight switches control the outdoor lighting automatically and reliably based on the current ambient light. This provides safety, enhances comfort — and reduces energy consumption.



# CDS

## UNOBTRUSIVE, RELIABLE, EASILY INSTALLED

Daylight dependent switching of outdoor lighting

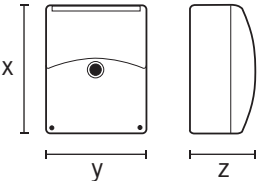
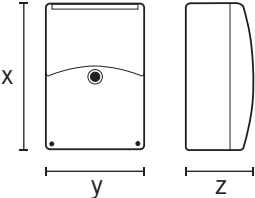
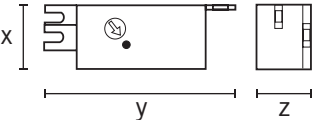
Simple installation due to the large connection space and  
push terminals up to 2.5 mm<sup>2</sup>

Light value can be adjusted using the control element on  
the outside of the housing (switching point)

Switching delay to avoid incorrect switching due to  
temporary, e.g. weather-related brightness variations



PRODUCT TYPES

		
---	---	--

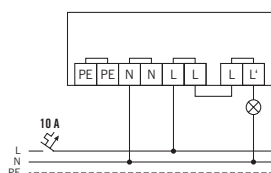
Note: Technical data for specific products can be found at [www.esylux.com](http://www.esylux.com).



- Daylight dependent switching of outdoor lighting
- Simple installation due to the large connection space and push terminals up to 2.5 mm<sup>2</sup>
- Light value can be adjusted using the control element on the outside of the housing (switching point)
- Switching delay to avoid incorrect switching due to temporary, e.g. weather-related brightness variations

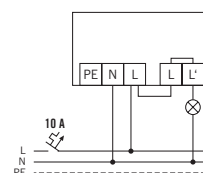
Product group/product name	Item no.	Installation type	Number of light channels	Push button input lighting	In-rush current	Level of brightness	Integrated timer	Protection type	Dimensions (mm)	Circuit diagram	Core portfolio	New product
<b>Twilight switch / Wall mounting / ON/OFF</b>												
<b>ON/OFF</b>												
CDS-A/N (white, similar to RAL 9010)	ED10016530	SM	1			5 - 300 lx		IP54	X 96, Y 76, Z 52	BA	•	
CDS-A/T (white, similar to RAL 9010)	RK39500010040	SM	1			5 - 300 lx	•	IP54	X 114, Y 80, Z 51	BB	•	
CDS-E (white, similar to RAL 9010)	ED10016509	RM	1			5 - 300 lx		IP20	X 60, Y 70, Z 26	BC	•	

BA



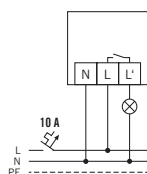
Standard operation.

BB



Standard operation.

BC



Standard operation.



- Classic design with integrated motion detector
- Control of further luminaires possible

**3** YEARS  
MANUFACTURER  
WARRANTY

With the AL series, the light in entrance areas, passageways or terraces can be controlled as required.



# AL

## ROUND, CLASSIC, INTELLIGENT

Light holder with integrated motion detector and 130° angle of detection (two sensors) and 360° creep protection (one sensor) for unbroken coverage

For combination with various system glass designs

Simple adjustment of the range and field of detection thanks to the lens cover, which can be cut to size

Switching output for connecting additional lights

PRODUCT TYPES

LIGHT DISTRIBUTION	FIELD OF DETECTION	DETECTION RANGE	
			Wall 12 m
		Diagonally (A)	12 m
		Frontal (B)	4
		-	-

C0, C90, C0 / C90

Note: Technical data for specific products can be found at [www.esylux.com](http://www.esylux.com).



# AL

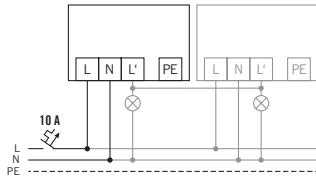
## OUTDOOR LIGHTING / WALL LIGHTS



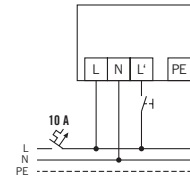
- Light holder with integrated motion detector and 130° angle of detection (two sensors) and 360° creep protection (one sensor) for unbroken coverage
- For combination with various system glass designs
- Simple adjustment of the range and field of detection thanks to the lens cover, which can be cut to size
- Switching output for connecting additional lights
- Simple wall mounting due to universal one-handed plug-in base and large wiring area

Product group/product name	Item no.	Light colour (IEC 1231)	Luminous flux	Rated output P	Luminous efficacy	Unified Glare Rating	Glare suppression	Diffuser	Protection type	Control system	BT (Bluetooth)	Sensor	Energy efficiency class	Dimensions (mm)	Circuit diagram	Core portfolio	New product
<b>MONZA / transparent</b>																	
AL MONZA WL TR MD BK (black, similar to RAL 9005)	EL10026119								TR	IP44	ON/OFF	•		X 275, Y 185, Z 250	BG	•	
AL MONZA WL TR MD WH (white, similar to RAL 9010)	EL10026102								TR	IP44	ON/OFF	•		X 275, Y 185, Z 250	BG	•	
<b>GARDA / opal</b>																	
AL GARDA WL OP MD BK (black, similar to RAL 9005)	EL10026126								OP	IP44	ON/OFF	•		X 275, Y 185, Z 250	BG	•	
AL GARDA WL OP MD WH (white, similar to RAL 9010)	EL10026133								OP	IP44	ON/OFF	•		X 275, Y 185, Z 250	BG	•	

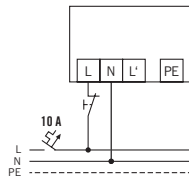
Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
<b>Accessories</b>					
<b>Cover</b>					
Replacement glass for the AL GARDA for bayonet lock	EL10026157	System glass for lights: AL GARDA	X 215, Z 210	•	
Replacement glass for the AL MONZA for bayonet lock	EL10026164	System glass for lights: AL MONZA	X 215, Z 210	•	



Standard operation with optional parallel connection of automatic luminaires.



Standard operation with additional continuous lighting function through external switch.



Standard operation with the additional possibility of switching on by hand.

- Easy wall mounting due to universal one-handed plug-in base and large wiring area
- Variants with integrated motion detectors, optimised for controlling additional LED lights

**3** YEARS  
MANUFACTURER  
WARRANTY



The LED wall lights in the OL/AOL series are a timeless classic due to their elegant appearance and can be stylishly placed in any environment and improve the look of façades or entrance areas. The durable, die-cast aluminium housing makes them highly reliable and the optionally integrated motion detector ensures convenient, energy-efficient operation. Clever details simplify installation.

# OL/AOL

## TIMELESS DESIGN FOR ALL FAÇADES

Elegant design with high-quality aluminium housing

Simple wall mounting due to universal one-hand plug-in base with large wiring space

Simple through-wiring due to the double cable entry with elastic sealing membrane

Plug-in terminal for through-wiring of the protective conductor included

Variants with integrated motion detector for demand-controlled switching of lighting

Simple adjustment of the range and field of detection thanks to the lens cover, which can be cut to size



PRODUCT TYPES


CO, C90, CO / C90

Note: Technical data for specific products can be found at [www.esylux.com](http://www.esylux.com).

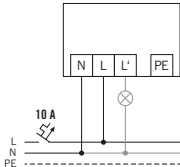
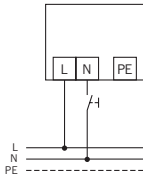
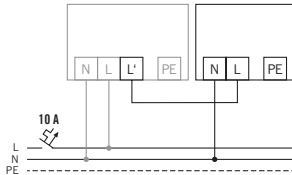


- Elegant design with high-quality aluminium housing
- Simple wall mounting due to universal one-hand plug-in base with large wiring space
- Simple through-wiring due to the double cable entry with elastic sealing membrane
- Plug-in terminal for through-wiring of the protective conductor included
- Variants with integrated motion detector for demand-controlled switching of lighting
- Simple adjustment of the range and field of detection thanks to the lens cover, which can be cut to size

Product group/product name	Item no.	Light colour (IEC 1231)	Luminous flux	Rated output P	Luminous efficacy	Unified Glare Rating	Glare suppression	Diffuser	Protection type	Control system	BT (Bluetooth)	Sensor	Energy efficiency class	Dimensions (mm)	Circuit diagram	Core portfolio	New product
<b>3000 K / 14 W</b>																	
AOL WL 100 OP 900 830 MD BK (black, similar to RAL 9005)	EL10750717	830	850 lm	10 W	85 lm/W			OP	IP55	ON/OFF		•	LED EEI E	X 205, Y 104, Z 143	BH	•	
AOL WL 100 OP 900 830 MD WH (white, similar to RAL 9016)	EL10750700	830	850 lm	10 W	85 lm/W			OP	IP55	ON/OFF		•	LED EEI E	X 205, Y 104, Z 143	BH	•	
OL WL 100 OP 900 830 BK (black, similar to RAL 9005)	EL10710711	830	850 lm	9,5 W	89 lm/W			OP	IP55	ON/OFF			LED EEI E	X 205, Y 104, Z 143	BI	•	
OL WL 100 OP 900 830 WH (white, similar to RAL 9016)	EL10710704	830	850 lm	9,5 W	89 lm/W			OP	IP55	ON/OFF			LED EEI E	X 205, Y 104, Z 143	BI	•	
<b>5000 K / 14 W</b>																	
AOL WL 100 OP 900 850 MD BK (black, similar to RAL 9005)	EL10750014	850	900 lm	10 W	90 lm/W			OP	IP55	ON/OFF		•	LED EEI E	X 205, Y 104, Z 143	BH	•	
AOL WL 100 OP 900 850 MD WH (white, similar to RAL 9016)	EL10750007	850	900 lm	10 W	90 lm/W			OP	IP55	ON/OFF		•	LED EEI E	X 205, Y 104, Z 143	BH	•	
OL WL 100 OP 900 850 BK (black, similar to RAL 9005)	EL10710018	850	900 lm	9,5 W	94 lm/W			OP	IP55	ON/OFF			LED EEI E	X 205, Y 104, Z 143	BI	•	
OL WL 100 OP 900 850 WH (white, similar to RAL 9016)	EL10710001	850	900 lm	9,5 W	94 lm/W			OP	IP55	ON/OFF			LED EEI E	X 205, Y 104, Z 143	BI	•	
<b>3000 K / 25 W</b>																	
AOL WL 200 OP 1600 830 MD BK (black, similar to RAL 9005)	EL10750816	830	1600 lm	17 W	94 lm/W			OP	IP55	ON/OFF		•	LED EEI E	X 205, Y 184, Z 143	BH	•	
AOL WL 200 OP 1600 830 MD WH (white, similar to RAL 9016)	EL10750809	830	1600 lm	17 W	94 lm/W			OP	IP55	ON/OFF		•	LED EEI E	X 205, Y 184, Z 143	BH	•	
OL WL 200 OP 1600 830 BK (black, similar to RAL 9005)	EL10710810	830	1600 lm	16,5 W	96 lm/W			OP	IP55	ON/OFF			LED EEI E	X 205, Y 184, Z 143	BI	•	
OL WL 200 OP 1600 830 WH (white, similar to RAL 9016)	EL10710803	830	1600 lm	16,5 W	96 lm/W			OP	IP55	ON/OFF			LED EEI E	X 205, Y 184, Z 143	BI	•	

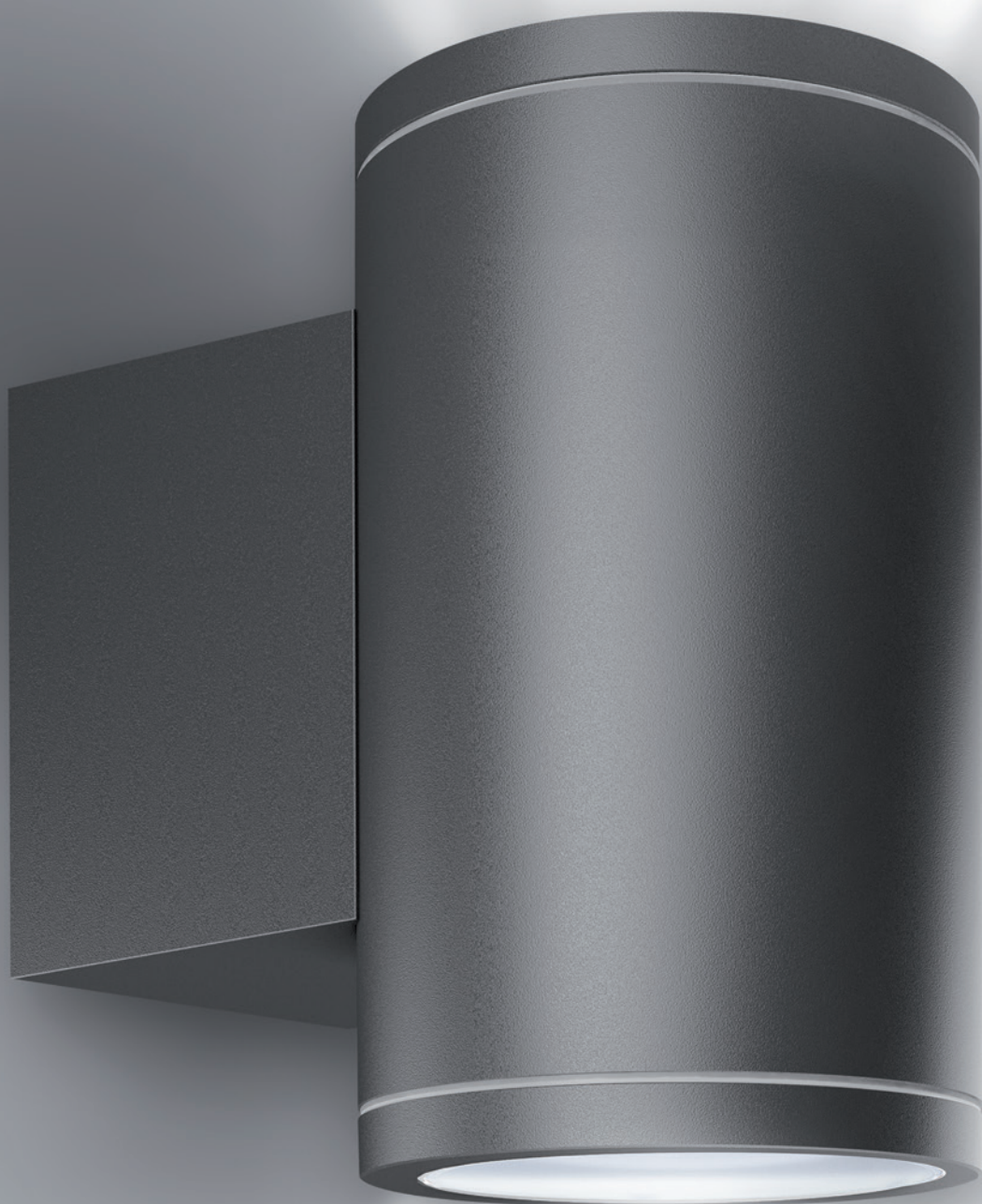


Product group/product name	Item no.	Light colour (IEC 1231)	Luminous flux	Rated output P	Luminous efficacy	Unified Glare Rating	Glare suppression	Diffuser	Protection type	Control system	BT (Bluetooth)	Sensor	Energy efficiency class	Dimensions (mm)	Circuit diagram	Core portfolio	New product
<b>5000 K / 25 W</b>																	
AOL WL 200 OP 1700 850 MD BK (black, similar to RAL 9005)	EL10750113	850	1650 lm	17 W	97 lm/W			OP	IP55	ON/OFF	•		<b>LED EEI E</b>	X 205, Y 184, Z 143	BH	•	
AOL WL 200 OP 1700 850 MD WH (white, similar to RAL 9016)	EL10750106	850	1650 lm	17 W	97 lm/W			OP	IP55	ON/OFF	•		<b>LED EEI E</b>	X 205, Y 184, Z 143	BH	•	
OL WL 200 OP 1700 850 BK (black, similar to RAL 9005)	EL10710117	850	1650 lm	16,5 W	100 lm/W			OP	IP55	ON/OFF			<b>LED EEI E</b>	X 205, Y 184, Z 143	BI	•	
OL WL 200 OP 1700 850 WH (white, similar to RAL 9016)	EL10710100	850	1650 lm	16,5 W	100 lm/W			OP	IP55	ON/OFF			<b>LED EEI E</b>	X 205, Y 184, Z 143	BI	•	

BH																	
	Standard operation with optional connection of external loads.																
BI																	
	Standard operation with on/off switch.																
																	
	Controlled by an automatic light, e.g. the AOL 100 or AOL 200.																

- Protected against sea air and dirt-resistant
- Simple installation with one-handed plug-in base and large wiring area

**5** YEARS  
MANUFACTURER  
WARRANTY



The high-quality ALVA up-/downlights are particularly suitable for the atmospheric illumination of building façades and passageways. Their tapered light cast upwards and downwards and two integrated light halos create a fascinating light effect. Multiple variants with different beam angles ensure a high degree of design flexibility.

# ALVA

## ATMOSPHERIC LIGHT FOR FAÇADES

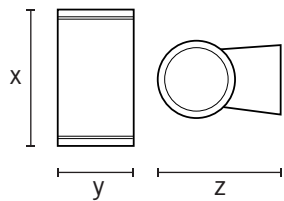
High-quality aluminium housing, protected against sea air and dirt-resistant

High level of resistance to cleaning agents (anti graffiti effect)

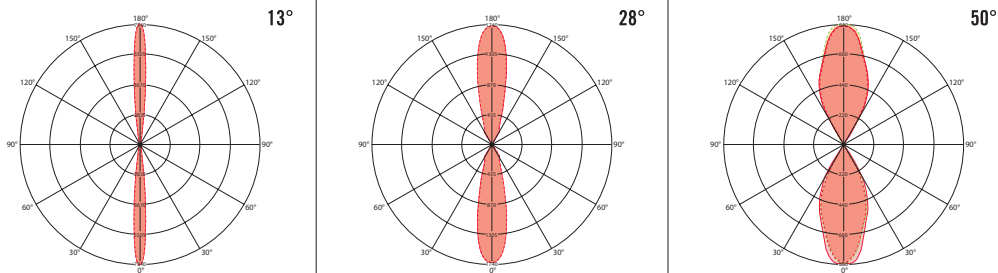
Meets requirements for installation in public areas (IP65, IK09)

Simple wall mounting due to universal one-handed plug-in base and large wiring area

### PRODUCT TYPES



### LIGHT DISTRIBUTION



CO, C90, CO / C90

Note: Technical data for specific products can be found at [www.esylux.com](http://www.esylux.com).

# ALVA

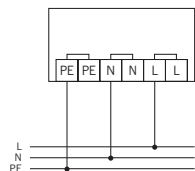
## OUTDOOR LIGHTING / UP-/DOWNLIGHTS



- High-quality aluminium housing, protected against sea air and dirt-resistant
- High level of resistance to cleaning agents (anti graffiti effect)
- Variants with a variety of beam angles (13°, 28° and 50°)
- Meets requirements for installation in public areas (IP65, IK09)
- Simple wall mounting due to universal one-handed plug-in base and large wiring area

Product group/product name	Item no.	Light colour (IEC 1231)	Luminous flux	Rated output P	Luminous efficacy	Unified Glare Rating	Glare suppression	Diffuser	Protection type	Control system	BT (Bluetooth)	Sensor	Energy efficiency class	Dimensions (mm)	Circuit diagram	Core portfolio	New product
<b>3000 K / 10 W / 13°</b>																	
ALVA UDL TR 13° 900 830 AN (graphite grey, similar to RAL 7024)	EL10830006	830	910 lm	10 W	91 lm/W				TR	IP65	ON/OFF		<b>LED EEI D</b>	X 176, Y 100, Z 160	BL	•	
<b>3000 K / 10 W / 28°</b>																	
ALVA UDL TR 28° 900 830 AN (graphite grey, similar to RAL 7024)	EL10830044	830	1100 lm	10 W	110 lm/W				TR	IP65	ON/OFF		<b>LED EEI D</b>	X 176, Y 100, Z 160	BL	•	
<b>3000 K / 10 W / 50°</b>																	
ALVA UDL TR 50° 900 830 AN (graphite grey, similar to RAL 7024)	EL10830099	830	1000 lm	10 W	100 lm/W				TR	IP65	ON/OFF		<b>LED EEI D</b>	X 176, Y 100, Z 160	BL	•	
<b>4000 K / 10 W / 13°</b>																	
ALVA UDL TR 13° 1100 840 AN (graphite grey, similar to RAL 7024)	EL10830020	840	1050 lm	10 W	105 lm/W				TR	IP65	ON/OFF		<b>LED EEI D</b>	X 176, Y 100, Z 160	BL	•	
<b>4000 K / 10 W / 28°</b>																	
ALVA UDL TR 28° 1100 840 AN (graphite grey, similar to RAL 7024)	EL10830068	840	1100 lm	10 W	110 lm/W				TR	IP65	ON/OFF		<b>LED EEI D</b>	X 176, Y 100, Z 160	BL	•	
<b>4000 K / 10 W / 50°</b>																	
ALVA UDL TR 50° 1100 840 AN (graphite grey, similar to RAL 7024)	EL10830105	840	1050 lm	10 W	105 lm/W				TR	IP65	ON/OFF		<b>LED EEI D</b>	X 176, Y 100, Z 160	BL	•	

BL



Standard operation.



- Protected against sea air and dirt-resistant
- Variants with integrated motion detectors feature orientation light and twilight switch function
- Motion detector enables the energy-efficient control of further lights and switch actuators

**5** YEARS  
MANUFACTURER  
WARRANTY

The bollard lights in the ALVA series feature a high-quality design and are ideal for the intelligent lighting of paths, forecourts and driveways or green spaces. Their durability and die-cast aluminium housing ensure they meet all requirements for installation in public areas. The optional integrated motion detector provides energy-efficient, convenient operation.



Parameterisable with ESY-Pen and ESY-App.  
More on pages 178 - 179 or at: [esylux.asia/esy-pen](http://esylux.asia/esy-pen).

# ALVA

## ROBUST PATH LIGHTING CAN BE NETWORKED INTELLIGENTLY

High-quality aluminium housing, protected against sea air and stain-resistant

Resistant to corrosion in accordance with EN ISO 9227 salt spray test (96 hr)

High level of resistance to cleaning agents (anti graffiti effect)

Variants with motion detectors for motion-dependent and daylight-dependent light switching and a DALI networking option; integration of 230 V end devices using a DALI switch


DALI bus voltage supply integrated in lights with motion detectors

Variants with different light emissions (180° or 360°), different lamp heights and different diameters

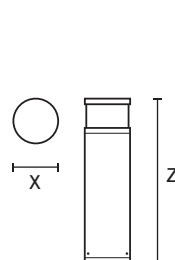
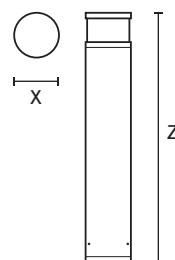
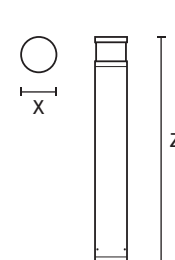
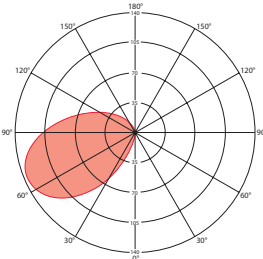
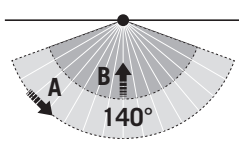
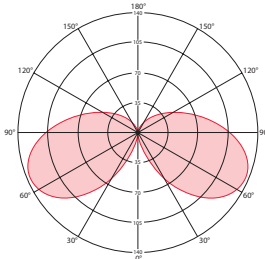
Meets requirements for installation in public areas (IP65, IK09)

Basic lighting for increased safety in outdoor areas (orientation lighting)

Concealed LED arrangement, no glare from direct light



PRODUCT TYPES

					
LIGHT DISTRIBUTION		FIELD OF DETECTION	DETECTION RANGE		
				Wall 6 m	
			■ Diagonally (A)	6 m	
			■ Frontal (B)	2 m	
			-	-	

■ C0, ■ C90, ■ C0 / C90

Note: Technical data for specific products can be found at [www.esylux.com](http://www.esylux.com).



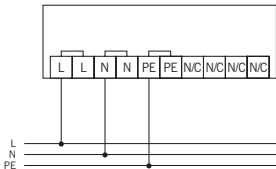
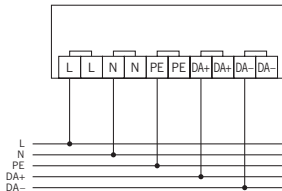
- High-quality aluminium housing, protected against sea air and stain-resistant
- Resistant to corrosion in accordance with EN ISO 9227 salt spray test (96 hr)
- High level of resistance to cleaning agents (anti graffiti effect)
- Variants with motion detectors for motion-dependent and daylight-dependent light switching and a DALI networking option; integration of 230 V end devices using a DALI switch
- DALI bus voltage supply integrated in lights with motion detectors
- Variants with different light emissions (180° or 360°), different lamp heights and different diameters
- Meets requirements for installation in public areas (IP65, IK09)
- Basic lighting for increased safety in outdoor areas (orientation lighting)
- Concealed LED arrangement, no glare from direct light

Product group/product name	Item no.	Light colour (IEC 1231)	Luminous flux	Rated output P	Luminous efficacy	Unified Glare Rating	Glare suppression	Diffuser	Protection type	Control system	BT (Bluetooth)	Sensor	Energy efficiency class	Dimensions (mm)	Circuit diagram	Core portfolio	New product
<b>3000 K / 180° / 540 mm / Ø 170 mm</b>																	
ALVA BL 540/170 OP 180° 500 830 AN (graphite grey, similar to RAL 7024)	EL10820700	830	620 lm	16 W	38 lm/W			OP	IP65	ON/OFF			LED EEI E	X 170, Z 540	BM	•	
ALVA BL 540/170 TR 180° 600 830 AN (graphite grey, similar to RAL 7024)	EL10820687	830	760 lm	16 W	47 lm/W			TR	IP65	ON/OFF			LED EEI E	X 170, Z 540	BM	•	
<b>3000 K / 180° / 940 mm / Ø 170 mm</b>																	
ALVA BL 940/170 OP 180° 500 830 AN (graphite grey, similar to RAL 7024)	EL10820649	830	620 lm	16 W	38 lm/W			OP	IP65	ON/OFF			LED EEI E	X 170, Z 940	BM	•	
ALVA BL 940/170 OP 180° 500 830 DALI AN (graphite grey, similar to RAL 7024)	EL10820809	830	620 lm	17 W	36 lm/W			OP	IP65	DALI			LED EEI E	X 170, Z 940	BN	•	
ALVA BL 940/170 OP 180° 500 830 MD IR DALI AN (graphite grey, similar to RAL 7024)	EL10820960	830	620 lm	17 W	36 lm/W			OP	IP65	DALI	•		LED EEI E	X 170, Z 940	BN	•	
ALVA BL 940/170 TR 180° 600 830 AN (graphite grey, similar to RAL 7024)	EL10820601	830	760 lm	16 W	47 lm/W			TR	IP65	ON/OFF			LED EEI E	X 170, Z 940	BM	•	
ALVA BL 940/170 TR 180° 600 830 DALI AN (graphite grey, similar to RAL 7024)	EL10820762	830	760 lm	17 W	44 lm/W			TR	IP65	DALI			LED EEI E	X 170, Z 940	BN	•	
ALVA BL 940/170 TR 180° 600 830 MD IR DALI AN (graphite grey, similar to RAL 7024)	EL10820922	830	760 lm	17 W	44 lm/W			TR	IP65	DALI	•		LED EEI E	X 170, Z 940	BN	•	
<b>3000 K / 360° / 540 mm / Ø 170 mm</b>																	
ALVA BL 540/170 TR 360° 1000 830 AN (graphite grey, similar to RAL 7024)	EL10820106	830	1270 lm	16 W	79 lm/W			TR	IP65	ON/OFF			LED EEI E	X 170, Z 540	BM	•	
<b>3000 K / 360° / 700 mm / Ø 100 mm</b>																	
ALVA BL 700/100 OP 360° 400 830 AN (graphite grey, similar to RAL 7024)	EL10821059	830	400 lm	7 W	57 lm/W			OP	IP65	ON/OFF			LED EEI F	X 100, Z 700	BM	•	
ALVA BL 700/100 OP 360° 400 830 DALI AN (graphite grey, similar to RAL 7024)	EL10821271	830	420 lm	7 W	60 lm/W			OP	IP65	DALI			LED EEI F	X 100, Z 700			★
ALVA BL 700/100 OP 360° 400 830 MD IR DALI AN (graphite grey, similar to RAL 7024)	EL10821189	830	420 lm	7 W	60 lm/W			OP	IP65	DALI	•		LED EEI F	X 100, Z 700			★

Product group/product name	Item no.	Light colour (IEC 1231)	Luminous flux	Rated output P	Luminous efficacy	Unified Glare Rating	Glare suppression	Diffuser	Protection type	Control system	BT (Bluetooth)	Sensor	Energy efficiency class	Dimensions (mm)	Circuit diagram	Core portfolio	New product
ALVA BL 700/100 TR 360° 500 830 AN (graphite grey, similar to RAL 7024)	EL10821134	830	530 lm	7 W	75 lm/W			TR	IP65	ON/OFF			LED EEI F	X 100, Z 700	BM	•	
ALVA BL 700/100 TR 360° 500 830 DALI AN (graphite grey, similar to RAL 7024)	EL10821257	830	500 lm	7 W	71 lm/W			TR	IP65	DALI			LED EEI F	X 100, Z 700			★
ALVA BL 700/100 TR 360° 500 830 MD IR DALI AN (graphite grey, similar to RAL 7024)	EL10821172	830	500 lm	7 W	71 lm/W			TR	IP65	DALI		•	LED EEI F	X 100, Z 700			★
<b>3000 K / 360° / 940 mm / Ø 170 mm</b>																	
ALVA BL 940/170 OP 360° 800 830 AN (graphite grey, similar to RAL 7024)	EL10820045	830	1030 lm	16 W	64 lm/W			OP	IP65	ON/OFF			LED EEI E	X 170, Z 940	BM	•	
ALVA BL 940/170 OP 360° 800 830 DALI AN (graphite grey, similar to RAL 7024)	EL10820243	830	1030 lm	17 W	60 lm/W			OP	IP65	DALI			LED EEI E	X 170, Z 940	BN	•	
ALVA BL 940/170 OP 360° 800 830 MD IR DALI AN (graphite grey, similar to RAL 7024)	EL10820441	830	1030 lm	17 W	60 lm/W			OP	IP65	DALI		•	LED EEI E	X 170, Z 940	BN	•	
ALVA BL 940/170 TR 360° 1000 830 AN (graphite grey, similar to RAL 7024)	EL10820007	830	1270 lm	16 W	79 lm/W			TR	IP65	ON/OFF			LED EEI E	X 170, Z 940	BM	•	
ALVA BL 940/170 TR 360° 1000 830 DALI AN (graphite grey, similar to RAL 7024)	EL10820205	830	1270 lm	17 W	74 lm/W			TR	IP65	DALI			LED EEI E	X 170, Z 940	BN	•	
ALVA BL 940/170 TR 360° 1000 830 MD IR DALI AN (graphite grey, similar to RAL 7024)	EL10820403	830	1270 lm	17 W	74 lm/W			TR	IP65	DALI		•	LED EEI E	X 170, Z 940	BN	•	
<b>4000 K / 180° / 940 mm / Ø 170 mm</b>																	
ALVA BL 940/170 OP 180° 600 840 AN (graphite grey, similar to RAL 7024)	EL10820663	840	630 lm	16 W	39 lm/W			OP	IP65	ON/OFF			LED EEI E	X 170, Z 940	BM	•	
ALVA BL 940/170 OP 180° 600 840 DALI AN (graphite grey, similar to RAL 7024)	EL10820823	840	630 lm	17 W	37 lm/W			OP	IP65	DALI			LED EEI E	X 170, Z 940	BN	•	
ALVA BL 940/170 OP 180° 600 840 MD IR DALI AN (graphite grey, similar to RAL 7024)	EL10820984	840	630 lm	17 W	37 lm/W			OP	IP65	DALI		•	LED EEI E	X 170, Z 940	BN	•	
ALVA BL 940/170 TR 180° 700 840 AN (graphite grey, similar to RAL 7024)	EL10820625	840	810 lm	16 W	50 lm/W			TR	IP65	ON/OFF			LED EEI E	X 170, Z 940	BM	•	
ALVA BL 940/170 TR 180° 700 840 DALI AN (graphite grey, similar to RAL 7024)	EL10820786	840	810 lm	17 W	47 lm/W			TR	IP65	DALI			LED EEI E	X 170, Z 940	BN	•	
ALVA BL 940/170 TR 180° 700 840 MD IR DALI AN (graphite grey, similar to RAL 7024)	EL10820946	840	810 lm	17 W	47 lm/W			TR	IP65	DALI		•	LED EEI E	X 170, Z 940	BN	•	
<b>4000 K / 360° / 540 mm / Ø 170 mm</b>																	
ALVA BL 540/170 OP 360° 1000 840 AN (graphite grey, similar to RAL 7024)	EL10820304	840	1050 lm	16 W	65 lm/W			OP	IP65	ON/OFF			LED EEI E	X 170, Z 540	BM		
ALVA BL 540/170 TR 360° 1200 840 AN (graphite grey, similar to RAL 7024)	EL10820328	840	1350 lm	16 W	84 lm/W			TR	IP65	ON/OFF			LED EEI E	X 170, Z 540	BM	•	
<b>4000 K / 360° / 700 mm / Ø 100 mm</b>																	
ALVA BL 700/100 OP 360° 500 840 AN (graphite grey, similar to RAL 7024)	EL10821073	840	460 lm	7 W	65 lm/W			OP	IP65	ON/OFF			LED EEI F	X 100, Z 700	BM	•	
ALVA BL 700/100 OP 360° 500 840 DALI AN (graphite grey, similar to RAL 7024)	EL10821288	840	460 lm	7 W	65 lm/W			OP	IP65	DALI			LED EEI F	X 100, Z 700			★
ALVA BL 700/100 OP 360° 500 840 MD IR DALI AN (graphite grey, similar to RAL 7024)	EL10821240	840	460 lm	7 W	65 lm/W			OP	IP65	DALI		•	LED EEI F	X 100, Z 700			★
ALVA BL 700/100 TR 360° 600 840 AN (graphite grey, similar to RAL 7024)	EL10821158	840	560 lm	7 W	80 lm/W			TR	IP65	ON/OFF			LED EEI F	X 100, Z 700	BM	•	
ALVA BL 700/100 TR 360° 600 840 DALI AN (graphite grey, similar to RAL 7024)	EL10821264	840	600 lm	7 W	85 lm/W			TR	IP65	DALI			LED EEI F	X 100, Z 700			★
ALVA BL 700/100 TR 360° 600 840 MD IR DALI AN (graphite grey, similar to RAL 7024)	EL10821196	840	600 lm	7 W	85 lm/W			TR	IP65	DALI		•	LED EEI F	X 100, Z 700			★

Product group/product name	Item no.	Light colour (IEC 1231)	Luminous flux	Rated output P	Luminous efficacy	Unified Glare Rating	Glare suppression	Diffuser	Protection type	Control system	BT (Bluetooth)	Sensor	Energy efficiency class	Dimensions (mm)	Circuit diagram	Core portfolio	New product
<b>4000 K / 360° / 940 mm / Ø 170 mm</b>																	
ALVA BL 940/170 OP 360° 1000 840 AN (graphite grey, similar to RAL 7024)	EL10820069	840	1050 lm	16 W	65 lm/W			OP	IP65	ON/OFF			LED EEI E	X 170, Z 940	BM	•	
ALVA BL 940/170 OP 360° 1000 840 DALI AN (graphite grey, similar to RAL 7024)	EL10820267	840	1050 lm	17 W	61 lm/W			OP	IP65	DALI			LED EEI E	X 170, Z 940	BN	•	
ALVA BL 940/170 OP 360° 1000 840 MD IR DALI AN (graphite grey, similar to RAL 7024)	EL10820465	840	1050 lm	17 W	61 lm/W			OP	IP65	DALI		•	LED EEI E	X 170, Z 940	BN	•	
ALVA BL 940/170 TR 360° 1200 840 AN (graphite grey, similar to RAL 7024)	EL10820021	840	1350 lm	16 W	84 lm/W			TR	IP65	ON/OFF			LED EEI E	X 170, Z 940	BM	•	
ALVA BL 940/170 TR 360° 1200 840 DALI AN (graphite grey, similar to RAL 7024)	EL10820229	840	1350 lm	17 W	79 lm/W			TR	IP65	DALI			LED EEI E	X 170, Z 940	BN	•	
ALVA BL 940/170 TR 360° 1200 840 MD IR DALI AN (graphite grey, similar to RAL 7024)	EL10820427	840	1350 lm	17 W	79 lm/W			TR	IP65	DALI		•	LED EEI E	X 170, Z 940	BN	•	

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
<b>Accessories</b>					
<b>Electrical accessories</b>					
ACTUATOR FULL AUTO C3 DALI	EP10427473	Modul for the conversion of bus commands from the DALI presence detector and other light controls into switching signals (fully automatic)	X 45, Y 45, Z 24	•	
ACTUATOR SEMI AUTO C4 DALI	EP10427480	Modul for the conversion of bus commands from the DALI presence detector and other light controls into switching signals (semi-automatic)	X 45, Y 45, Z 24	•	
<b>Mounting</b>					
ALVA GROUND ANCHOR	EL10820083	Ground anchor galvanised for installation of bollard lights in concrete foundation or solid ground	X 170, Z 500	•	
ALVA GROUND SPIKE	EL10820182	Ground anchor galvanised for installation of bollard lights in concrete foundation or solid ground	X 90, Z 592		
<b>Remote control</b>					
ESY-Pen	EP10425356	ESY-Pen and ESY-App, two tools for every task: (1) Parameterisation, (2) remote control, (3) light measurement, (4) project management	X 166, Y 24, Z 21,5	•	
REMOTE CONTROL PDi DALI	EP10425899	IR remote control for DALI presence detectors and motion detectors	X 100, Y 50, Z 9	•	

<b>BM</b>		<b>BN</b>	
	Standard operation.		Standard operation.

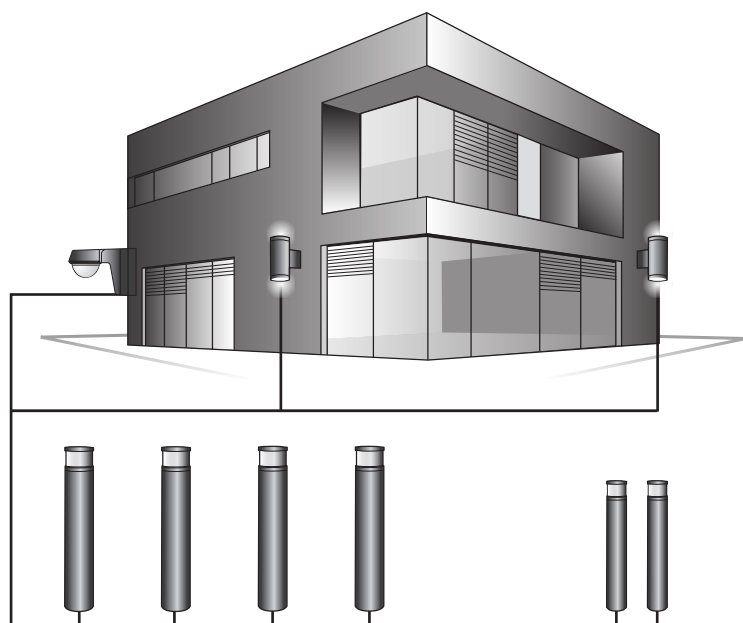




# DURABLE SYNER

## ALVA OUTDOOR LIGHTS AND DEFENSOR

Even just the matching colour schemes and elegant design of the ALVA outdoor lights from ESYLUX makes them the ideal partner for the DEFENSOR series. Combine the DEFENSOR protection functions with an aluminium housing that is protected against sea air, a high level of impact resistance and the durability of the LEDs used, and you have an intelligent and extremely reliable lighting solution.



— 230 V

*Controlling bollard lights and up-/downlights from the ALVA series using a DEFENSOR motion detector creates a lighting solution for outdoor areas that is every bit as intelligent as it is visually harmonious. Alternatively, or even in addition, the ALVA series includes bollard lights with integrated DALI motion detectors, for instance. ▲*



# GY



## ALVA SERIES LED OUTDOOR LIGHTS

- Robust aluminium housing that is protected against sea air
- Dirt-resistant anti-graffiti effect
- Variants with integrated motion detector



- High-quality technology at an entry-level price
- Compact, unobtrusive aluminium housing
- Variants with integrated motion detector

**3** YEARS  
MANUFACTURER  
WARRANTY



The compact floodlights in the BASIC OFL/AFL entry-level series are suitable for the space-saving illumination of traffic routes, garages and squares or the illumination of façades and signs. The optional integrated motion detector enables automatic and energy-efficient operation.

# BASIC OFL/AFL

## ENERGY EFFICIENCY AT AN ENTRY-LEVEL PRICE

Compact aluminium housing for an unobtrusive installation

Stainless steel ITD special bracket for simple mounting to a wall, inner corner or outer corner

With optional motion detector for motion and daylight dependent switching of light

Protection type IP65



PRODUCT TYPES

<b>LIGHT DISTRIBUTION</b>	<b>FIELD OF DETECTION</b>	<b>DETECTION RANGE</b>								
		<table><tr><td></td><td>Wall 8 m</td></tr><tr><td>■ Diagonally (A)</td><td>8 m</td></tr><tr><td>■ Frontal (B)</td><td>3 m</td></tr><tr><td>-</td><td>-</td></tr></table>		Wall 8 m	■ Diagonally (A)	8 m	■ Frontal (B)	3 m	-	-
	Wall 8 m									
■ Diagonally (A)	8 m									
■ Frontal (B)	3 m									
-	-									

■ C0, ■ C90, ■ C0 / C90

Note: Technical data for specific products can be found at [www.esylux.com](http://www.esylux.com).



# BASIC OFL/AFL

## OUTDOOR LIGHTING / FLOODLIGHTS



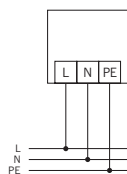
- Compact aluminium housing for an unobtrusive installation
- Stainless steel ITD special bracket for simple mounting to a wall, inner corner or outer corner
- With optional motion detector for motion and daylight dependent switching of light
- Protection type IP65

Product group/product name	Item no.	Light colour (IEC 1231)	Luminous flux	Rated output P	Luminous efficacy	Unified Glare Rating	Glare suppression	Diffuser	Protection type	Control system	BT (Bluetooth)	Sensor	Energy efficiency class	Dimensions (mm)	Circuit diagram	Core portfolio	New product
<b>3000 K / 10 W</b>																	
BASIC AFL TR 1000 830 MD BK (black, similar to RAL 9005)	EL10810817	830	1000 lm	10 W	100 lm/W	< 30		TR	IP65	ON/OFF	•		A ↑ G	X 160, Y 170, Z 58	B0	•	
BASIC AFL TR 1000 830 MD WH (white, similar to RAL 9016)	EL10810800	830	1000 lm	10 W	100 lm/W	< 30		TR	IP65	ON/OFF	•		A ↑ G	X 160, Y 170, Z 58	B0	•	
BASIC OFL TR 1000 830 BK (black, similar to RAL 9005)	EL10810794	830	1000 lm	10 W	100 lm/W	< 30		TR	IP65	ON/OFF			A ↑ G	X 160, Y 142, Z 28	B0	•	
BASIC OFL TR 1000 830 WH (white, similar to RAL 9016)	EL10810787	830	1000 lm	10 W	100 lm/W	< 30		TR	IP65	ON/OFF			A ↑ G	X 160, Y 142, Z 28	B0	•	
<b>4000 K / 10 W</b>																	
BASIC AFL TR 1000 840 MD BK (black, similar to RAL 9005)	EL10810930	840	1000 lm	10 W	100 lm/W	< 30		TR	IP65	ON/OFF	•		A ↑ G	X 160, Y 170, Z 58	B0	•	
BASIC AFL TR 1000 840 MD WH (white, similar to RAL 9016)	EL10810923	840	1000 lm	10 W	100 lm/W	< 30		TR	IP65	ON/OFF	•		A ↑ G	X 160, Y 170, Z 58	B0	•	
BASIC OFL TR 1000 840 BK (black, similar to RAL 9005)	EL10810916	840	1000 lm	10 W	100 lm/W	< 30		TR	IP65	ON/OFF			A ↑ G	X 160, Y 142, Z 28	B0	•	
BASIC OFL TR 1000 840 WH (white, similar to RAL 9016)	EL10810909	840	1000 lm	10 W	100 lm/W	< 30		TR	IP65	ON/OFF			A ↑ G	X 160, Y 142, Z 28	B0	•	
<b>3000 K / 30 W</b>																	
BASIC AFL TR 3000 830 MD BK (black, similar to RAL 9005)	EL10810855	830	3000 lm	30 W	100 lm/W	< 30		TR	IP65	ON/OFF	•		A ↑ G	X 215, Y 205, Z 60	B0	•	
BASIC AFL TR 3000 830 MD WH (white, similar to RAL 9016)	EL10810848	830	3000 lm	30 W	100 lm/W	< 30		TR	IP65	ON/OFF	•		A ↑ G	X 215, Y 205, Z 60	B0	•	
BASIC OFL TR 3000 830 BK (black, similar to RAL 9005)	EL10810831	830	3000 lm	30 W	100 lm/W	< 30		TR	IP65	ON/OFF			A ↑ G	X 215, Y 205, Z 32	B0	•	
BASIC OFL TR 3000 830 WH (white, similar to RAL 9016)	EL10810824	830	3000 lm	30 W	100 lm/W	< 30		TR	IP65	ON/OFF			A ↑ G	X 215, Y 205, Z 32	B0	•	

Product group/product name	Item no.	Light colour (IEC 1231)	Luminous flux	Rated output P	Luminous efficacy	Unified Glare Rating	Glare suppression	Diffuser	Protection type	Control system	BT (Bluetooth)	Sensor	Energy efficiency class	Dimensions (mm)	Circuit diagram	Core portfolio	New product
<b>4000 K / 30 W</b>																	
BASIC AFL TR 3000 840 MD BK (black, similar to RAL 9005)	EL10810732	840	3000 lm	30 W	100 lm/W	< 30		TR	IP65	ON/OFF	•		A ↑ G	X 215, Y 205, Z 60	B0	•	
BASIC AFL TR 3000 840 MD WH (white, similar to RAL 9016)	EL10810725	840	3000 lm	30 W	100 lm/W	< 30		TR	IP65	ON/OFF	•		A ↑ G	X 215, Y 205, Z 60	B0	•	
BASIC OFL TR 3000 840 BK (black, similar to RAL 9005)	EL10810701	840	3000 lm	30 W	100 lm/W	< 30		TR	IP65	ON/OFF			A ↑ G	X 215, Y 205, Z 32	B0	•	
BASIC OFL TR 3000 840 WH (white, similar to RAL 9016)	EL10810718	840	3000 lm	30 W	100 lm/W	< 30		TR	IP65	ON/OFF			A ↑ G	X 215, Y 205, Z 32	B0	•	
<b>3000 K / 50 W</b>																	
BASIC AFL TR 5000 830 MD BK (black, similar to RAL 9005)	EL10810893	830	5000 lm	47 W	106 lm/W	< 30		TR	IP65	ON/OFF	•		A ↑ G	X 252, Y 240, Z 60	B0	•	
BASIC AFL TR 5000 830 MD WH (white, similar to RAL 9016)	EL10810886	830	5000 lm	47 W	106 lm/W	< 30		TR	IP65	ON/OFF	•		A ↑ G	X 252, Y 240, Z 60	B0	•	
BASIC OFL TR 5000 830 BK (black, similar to RAL 9005)	EL10810879	830	5000 lm	47 W	106 lm/W	< 30		TR	IP65	ON/OFF			A ↑ G	X 252, Y 240, Z 32	B0	•	
BASIC OFL TR 5000 830 WH (white, similar to RAL 9016)	EL10810862	830	5000 lm	47 W	106 lm/W	< 30		TR	IP65	ON/OFF			A ↑ G	X 252, Y 240, Z 32	B0	•	
<b>4000 K / 50 W</b>																	
BASIC AFL TR 5000 840 MD BK (black, similar to RAL 9005)	EL10810770	840	5000 lm	47 W	106 lm/W	< 30		TR	IP65	ON/OFF	•		A ↑ G	X 252, Y 240, Z 60	B0	•	
BASIC AFL TR 5000 840 MD WH (white, similar to RAL 9016)	EL10810763	840	5000 lm	47 W	106 lm/W	< 30		TR	IP65	ON/OFF	•		A ↑ G	X 252, Y 240, Z 60	B0	•	
BASIC OFL TR 5000 840 BK (black, similar to RAL 9005)	EL10810756	840	5000 lm	47 W	106 lm/W	< 30		TR	IP65	ON/OFF			A ↑ G	X 252, Y 240, Z 32	B0	•	
BASIC OFL TR 5000 840 WH (white, similar to RAL 9016)	EL10810749	840	5000 lm	47 W	106 lm/W	< 30		TR	IP65	ON/OFF			A ↑ G	X 252, Y 240, Z 32	B0	•	

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
<b>Accessories</b>					
<b>Mounting</b>					
FL GROUND SPIKE BK	EL10810558	Wall arm for floodlight, including adapter, black	X 60, Z 265	•	
FL GROUND SPIKE WH	EL10810541	Wall arm for floodlight, including adapter, white	X 60, Z 265	•	
FL WALL ARM 700 BK	EL10810534	Wall arm for floodlight, 700 mm, including adapter, black	X 700, Y 40, Z 40	•	
FL WALL ARM 700 WH	EL10810527	Wall arm for floodlight, 700 mm, including adapter, white	X 700, Y 40, Z 40	•	

B0



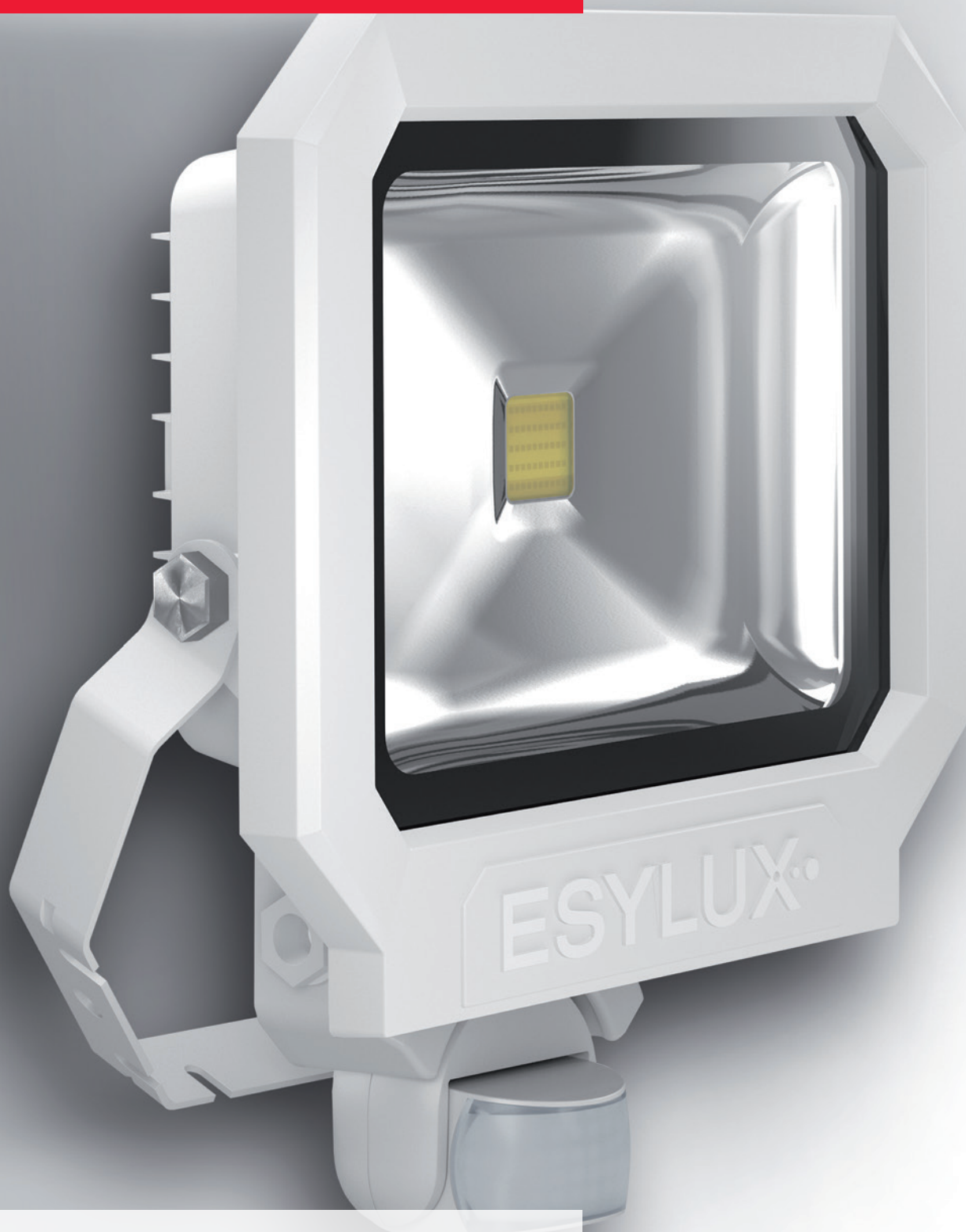
Standard operation.





- Separate connection box for easy installation
- Variants with integrated motion detectors, optimised for controlling further LED lights

**3** YEARS  
MANUFACTURER  
WARRANTY



The robust LED floodlights in the SUN OFL/AFL series are suited to brightly illuminating traffic routes, squares and garages — or for illuminating façades, signs and billboards. The optional motion detector provides automatic and therefore energy-efficient, convenient operation, while clever details simplify installation.



# SUN OFL/AFL

## ROBUST, DURABLE AND EVEN MORE EFFICIENT AS A GROUP

High-quality die-cast aluminium housing, stainless steel external screws

Easy installation with separate connection box (no need to open light housing)

Stainless steel, special ITD bracket for simple mounting on walls, inner corners or outer corners

Variants with integrated motion detectors for motion and daylight dependent light switching

Motion detector with zero-cross switching to protect the relay

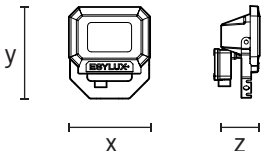
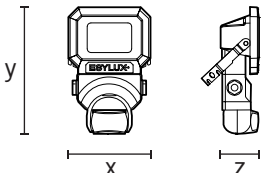
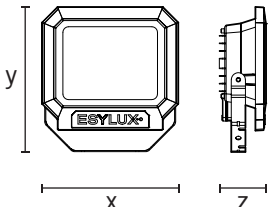
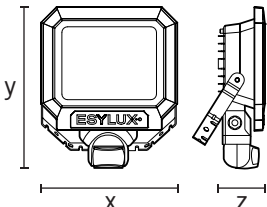
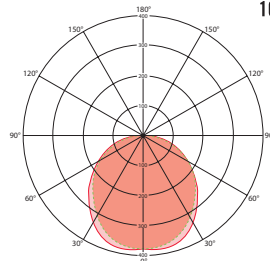
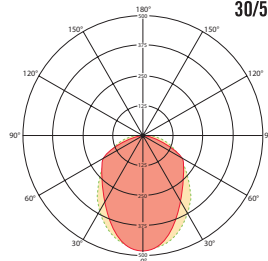
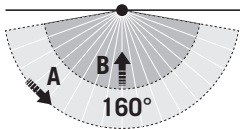
Simple adjustment of the range and field of detection due to the revolving and tilting detector axis

Motion detector with switching output for master/master or master/slave networking

Protection type IP65

Overvoltage protection category II (up to 2.5 kV)

PRODUCT TYPES

											
<b>LIGHT DISTRIBUTION</b>		<b>FIELD OF DETECTION</b>	<b>DETECTION RANGE</b>								
 <p>10 W</p>	 <p>30/50 W</p>		<table><tr><td></td><td>Wall 12 m</td></tr><tr><td>■ Diagonally (A)</td><td>12 m</td></tr><tr><td>■ Frontal (B)</td><td>5 m</td></tr><tr><td>-</td><td>-</td></tr></table>		Wall 12 m	■ Diagonally (A)	12 m	■ Frontal (B)	5 m	-	-
	Wall 12 m										
■ Diagonally (A)	12 m										
■ Frontal (B)	5 m										
-	-										

■ C0, ■ C90, ■ C0 / C90

Note: Technical data for specific products can be found at [www.esylux.com](http://www.esylux.com).













# SUN OFL/AFL

## OUTDOOR LIGHTING / FLOODLIGHTS



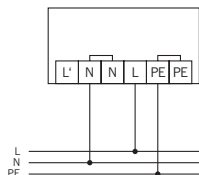
- High-quality die-cast aluminium housing, stainless steel external screws
- Easy installation with separate connection box (no need to open light housing)
- Stainless steel, special ITD bracket for simple mounting on walls, inner corners or outer corners
- Variants with integrated motion detectors for motion and daylight dependent light switching
- Motion detector with zero-cross switching to protect the relay
- Simple adjustment of the range and field of detection due to the revolving and tilting detector axis
- Motion detector with switching output for master/master or master/slave networking
- Protection type IP65
- Overvoltage protection category II (up to 2.5 kV)

Product group/product name	Item no.	Light colour (IEC 1231)	Luminous flux	Rated output P	Luminous efficacy	Unified Glare Rating	Glare suppression	Diffuser	Protection type	Control system	BT (Bluetooth)	Sensor	Energy efficiency class	Dimensions (mm)	Circuit diagram	Core portfolio	New product
<b>3000 K / 10 W</b>																	
SUN AFL TR 900 830 MD BK (black, similar to RAL 9005)	EL10810039	830	900 lm	9,7 W	92 lm/W				TR	IP65	ON/OFF	•	LED EEI E	X 210, Y 133, Z 75	BP	•	
SUN AFL TR 900 830 MD WH (white, similar to RAL 9016)	EL10810022	830	900 lm	9,7 W	92 lm/W				TR	IP65	ON/OFF	•	LED EEI E	X 210, Y 133, Z 75	BP	•	
SUN OFL TR 900 830 BK (black, similar to RAL 9005)	EL10810015	830	900 lm	9,7 W	92 lm/W				TR	IP65	ON/OFF		LED EEI E	X 150, Y 133, Z 75	BQ	•	
SUN OFL TR 900 830 WH (white, similar to RAL 9016)	EL10810008	830	900 lm	9,7 W	92 lm/W				TR	IP65	ON/OFF		LED EEI E	X 150, Y 133, Z 75	BQ	•	
<b>5000 K / 10 W</b>																	
SUN AFL TR 1000 850 MD BK (black, similar to RAL 9005)	EL10810084	850	1000 lm	9,7 W	103 lm/W				TR	IP65	ON/OFF	•	LED EEI E	X 210, Y 133, Z 75	BP	•	
SUN AFL TR 1000 850 MD WH (white, similar to RAL 9016)	EL10810077	850	1000 lm	9,7 W	103 lm/W				TR	IP65	ON/OFF	•	LED EEI E	X 210, Y 133, Z 75	BP	•	
SUN OFL TR 1000 850 BK (black, similar to RAL 9005)	EL10810060	850	1000 lm	9,7 W	103 lm/W				TR	IP65	ON/OFF		LED EEI E	X 150, Y 133, Z 75	BQ	•	
SUN OFL TR 1000 850 WH (white, similar to RAL 9016)	EL10810053	850	1000 lm	9,7 W	103 lm/W				TR	IP65	ON/OFF		LED EEI E	X 150, Y 133, Z 75	BQ	•	
<b>3000 K / 30 W</b>																	
SUN AFL TR 3400 830 MD BK (black, similar to RAL 9005)	EL10810138	830	3400 lm	30 W	113 lm/W				TR	IP65	ON/OFF	•	LED EEI E	X 290, Y 250, Z 86	BP	•	
SUN AFL TR 3400 830 MD WH (white, similar to RAL 9016)	EL10810121	830	3400 lm	30 W	113 lm/W				TR	IP65	ON/OFF	•	LED EEI E	X 290, Y 250, Z 86	BP	•	
SUN OFL TR 3400 830 BK (black, similar to RAL 9005)	EL10810114	830	3400 lm	30 W	113 lm/W				TR	IP65	ON/OFF		LED EEI E	X 267, Y 252, Z 86	BQ	•	
SUN OFL TR 3400 830 WH (white, similar to RAL 9016)	EL10810107	830	3400 lm	30 W	113 lm/W				TR	IP65	ON/OFF		LED EEI E	X 267, Y 252, Z 86	BQ	•	

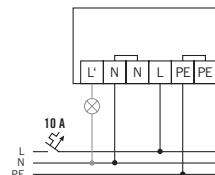
Product group/product name	Item no.	Light colour (IEC 1231)	Luminous flux	Rated output P	Luminous efficacy	Unified Glare Rating	Glare suppression	Diffuser	Protection type	Control system	BT (Bluetooth)	Sensor	Energy efficiency class	Dimensions (mm)	Circuit diagram	Core portfolio	New product
<b>5000 K / 30 W</b>																	
SUN AFL TR 3700 850 MD BK (black, similar to RAL 9005)	EL10810183	850	3700 lm	30 W	123 lm/W			TR	IP65	ON/OFF		•		X 290, Y 250, Z 86	BP	•	
SUN AFL TR 3700 850 MD WH (white, similar to RAL 9016)	EL10810176	850	3700 lm	30 W	123 lm/W			TR	IP65	ON/OFF		•		X 290, Y 250, Z 86	BP	•	
SUN OFL TR 3700 850 BK (black, similar to RAL 9005)	EL10810169	850	3700 lm	30 W	123 lm/W			TR	IP65	ON/OFF				X 267, Y 252, Z 86	BQ	•	
SUN OFL TR 3700 850 WH (white, similar to RAL 9016)	EL10810152	850	3700 lm	30 W	123 lm/W			TR	IP65	ON/OFF				X 267, Y 252, Z 86	BQ	•	
<b>3000 K / 50 W</b>																	
SUN AFL TR 5100 830 MD BK (black, similar to RAL 9005)	EL10810237	830	5100 lm	48 W	106 lm/W			TR	IP65	ON/OFF		•		X 290, Y 250, Z 86	BP	•	
SUN AFL TR 5100 830 MD WH (white, similar to RAL 9016)	EL10810220	830	5100 lm	48 W	106 lm/W			TR	IP65	ON/OFF		•		X 290, Y 250, Z 86	BP	•	
SUN OFL TR 5100 830 BK (black, similar to RAL 9005)	EL10810213	830	5100 lm	48 W	106 lm/W			TR	IP65	ON/OFF				X 267, Y 252, Z 86	BQ	•	
SUN OFL TR 5100 830 WH (white, similar to RAL 9016)	EL10810206	830	5100 lm	48 W	106 lm/W			TR	IP65	ON/OFF				X 267, Y 252, Z 86	BQ	•	
<b>5000 K / 50 W</b>																	
SUN AFL TR 5400 850 MD BK (black, similar to RAL 9005)	EL10810282	850	5400 lm	48 W	112 lm/W			TR	IP65	ON/OFF		•		X 290, Y 250, Z 86	BP	•	
SUN AFL TR 5400 850 MD WH (white, similar to RAL 9016)	EL10810275	850	5400 lm	48 W	112 lm/W			TR	IP65	ON/OFF		•		X 290, Y 250, Z 86	BP	•	
SUN OFL TR 5400 850 BK (black, similar to RAL 9005)	EL10810268	850	5400 lm	48 W	112 lm/W			TR	IP65	ON/OFF				X 267, Y 252, Z 86	BQ	•	
SUN OFL TR 5400 850 WH (white, similar to RAL 9016)	EL10810251	850	5400 lm	48 W	112 lm/W			TR	IP65	ON/OFF				X 267, Y 252, Z 86	BQ	•	

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
<b>Accessories</b>					
<b>Mounting</b>					
FL GROUND SPIKE BK	EL10810558	Wall arm for floodlight, including adapter, black	X 60, Z 265	•	
FL GROUND SPIKE WH	EL10810541	Wall arm for floodlight, including adapter, white	X 60, Z 265	•	
FL WALL ARM 700 BK	EL10810534	Wall arm for floodlight, 700 mm, including adapter, black	X 700, Y 40, Z 40	•	
FL WALL ARM 700 WH	EL10810527	Wall arm for floodlight, 700 mm, including adapter, white	X 700, Y 40, Z 40	•	

BP

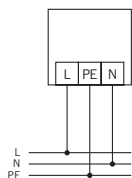


Standard operation.

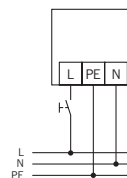


Standard operation with optional connection of external loads.

BQ



Standard operation.



Standard operation with on/off switch.





# DALI-2 TAKES YOU ONE STANDARD FOR ALL OPTIONS

If you're looking to install an intelligent light control system in offices, educational institutions and health facilities, it's now impossible to ignore the DALI-2 international industry standard.

With the ability to address and control lights and lighting groups individually, this digital communication protocol offers users an unparalleled level of flexibility. Its planning and installation functions are also much less complicated than those of conventional lighting systems and users can update the configuration via software without having to update any hardware.

## CROSS-MANUFACTURER INTEROPERABILITY

The development of the standard into DALI-2 ensures it will continue to have a secure future. The functionality of the standard has been improved even further, ensuring interoperability between devices from different manufacturers. This allows project managers to create a solution using the very best devices.

DALI-2 presence detectors from ESYLUX are the number one choice for control. These detectors increase quality of life and energy efficiency in any workplace, offer the largest variety of functions in a compact design and enable easy configuration via the ESY-App!

## WHY YOU WILL BENEFIT FROM DALI-2

- Internationally established, open industry standard
- Cross-manufacturer interoperability
- Individual addressing and control:
  - Up to 64 operating devices, 64 control units and input devices
  - Up to 16 groups
  - Up to 16 scenes
- Reconfiguration via software without the need to update any hardware
- Bi-directional communication with status feedback
- Robust bus communication with collision detection
- Can be used as a sub-system (e.g. with KNX)
- Optimal dimming of LED lighting
- Fewer materials and less effort needed for installation:
  - Only one cable for all devices (incl. control wires and power supply)
  - Existing wiring can often be re-used
  - Cables can be arranged in line, star or tree topologies
  - Polarity-free wiring
  - Groups are established via software without any wiring requirements



# TO THE FUTURE

## CROSS-ROOM DECENTRALISED CONTROL

### BENEFITS OF DECENTRALISED CONTROL FROM ESYLUX:

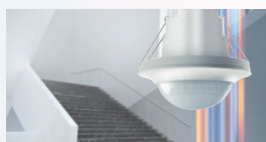
- Lower system costs as a cost-effective BMS presence detector can be easily integrated
- No switch cabinet components or need to modify the switch cabinet components
- Easy commissioning and configuration via smartphone (no need for a tablet, PC or special software)
- Adapt to changing room situations without any additional hardware thanks to flexible group switching
- Up to 90 % faster documentation as all project settings are automatically saved via the app



### INTELLIGENT AND POWERFUL

166

An overview of the advantages of the decentralised DALI-2 solution from ESYLUX



### CROSS-ROOM CONTROL

168

APC presence detectors with decentralised control combined with BMS presence detectors as input devices

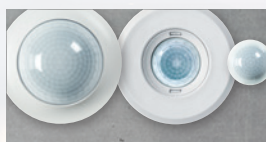


### FUNCTIONAL ADVANTAGE FOR EVERY ZONE

172

Flexible group control of APC presence detectors

## CENTRAL BUILDING CONTROL



### SMART INPUT ON ALL LEVELS

174

BMS presence detectors in building management systems from third-party providers

## SINGLE-ROOM CONTROL



### SIMPLE DALI: BROADCAST

176

Single-room solution without addressing



# INTELLIGENT AND THE DECENTRALISED DALI-2 SOLUTION FROM ESYLUX

## OPTIMAL LIGHTING CONDITION WITH MAXIMUM ENERGY EFFICIENCY

Presence and light sensor technology from ESYLUX enables the best lighting conditions and energy-efficient implementation in every workplace. Depending on the variant used, this is achieved via:

- SymbiLogic technology for energy-efficient Human Centric Lighting (HCL)
- Presence and daylight dependent constant light control

## CROSS-ROOM CONTROL OF UP TO 16 GROUPS

The APC presence detectors (APC: Application Controller) feature a built-in control unit and bus power supply for controlling up to 16 light groups and offer numerous configuration options, including:

- Swarm function
- Flexible group switching for when room usage changes
- Light closed loop control with offset
- Orientation light

## SIMPLE MANUAL OVERRIDE

The detector's push button input allows the user to override the automation whenever they want.

- Up to 16 scenes for different situations
- Adjust the level of brightness as well as the light colour using SymbiLogic
- Adjust the set point for the level of brightness by manual dimming (automation is resumed)

# POWERFUL

## ENERGY-EFFICIENT SWITCHING

The additional switching output of the APC detector enables conventional devices to be integrated and activated dependent on presence. For instances such as:

- Switching of HVAC or conventional lights
- Energy-efficient power cut-off of DALI drivers

## CONTROL BASED ON THE DAY OF THE WEEK AND TIME OF THE DAY

As different levels of lighting are needed at different times, DALI-2 solutions from ESYLUX offer time-dependent control for:

- Different operating modes
- Afterglow and orientation light
- Night operation

## SPECIAL FUNCTIONS

Rooms have different requirements depending on their usage. It is therefore useful that the following can be controlled via buttons:

- Central functions
- Alarm functions

EASY TO CONFIGURE VIA SMARTPHONE AND ESY-APP



# CROSS-ROOM CO

## APC PRESENCE DETECTOR WITH BUILT-IN CONTROL UNIT

The APC presence detectors (APC: Application Controller) act as the intelligent switch cabinets in DALI-2 solutions from ESYLUX and use the full potential of the standard. These detectors combine a control unit, bus power supply, multi-sensor technology and push button input and enable autonomous, cross-room control of up to 16 groups without the need for a complex building automation system.

Furthermore, the components are bundled in a single housing, making planning and installation much easier. Several configurations are available, enabling numerous functions for comfort and energy efficiency.



### COMPACT AND POWERFUL

- Built-in DALI control unit and DALI bus power supply (250 mA)
- Passive infrared presence detectors offer presence detection and light sensor technology
- Integrated switching output for HVAC devices or supplementary lighting (16-A relay, potential-free)
- Quick installation in suspended ceilings using a standard drill bit and without additional accessories (Ø 68 mm)
- Field of detection of Ø 8, 24 and 32 m
- Bi-directional communication via built-in Bluetooth module
- Four inputs for conventional push buttons (non-floating):



Available 230-V button can be used directly, without the need for a DALI-2 button!



# NTROL

## UP TO 16 LIGHTING GROUPS

- Individual control of up to 16 groups
- Fully automatic, semi-automatic, manual override (16 scenes)
- Presence and daylight dependent constant light control
- Group control with offset possible
- Manual adjustment of the set point of the level of brightness
- Basic lighting formed of afterglow and orientation light
- Flexible group switching
- Switching of HVAC and 230-V lights

COMPACT  
APC30 HCLCOMPACT  
APC20COMPACT  
APC10

## TIME FUNCTIONS

- Control based on the day of the week and the time of the day
- Twilight switch
- Stairwell light function
- Power cut-off of DALI drivers
- Swarm function
- Central functions

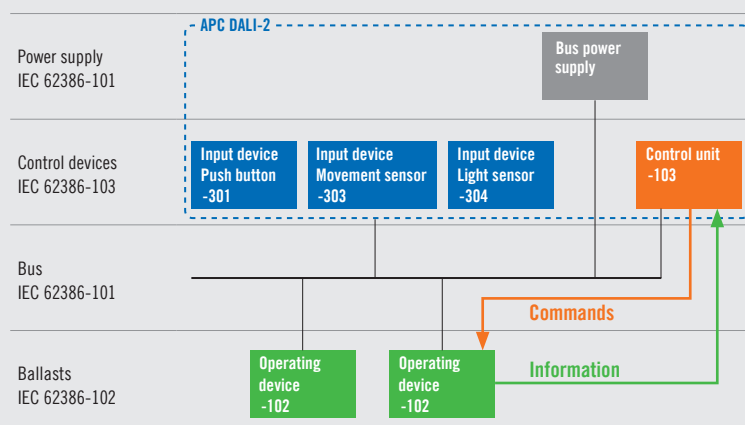
## HUMAN CENTRIC LIGHTING

- SymbiLogic (energy-efficient HCL)
- Night operation
- Alarm functions

### APC PRESENCE DETECTOR (APC: APPLICATION CONTROLLER = CONTROL UNIT) BUS COMMUNICATION

The enhanced DALI-2 standard (IEC 62386) defines multiple device classes.

APC presence detectors (APC: Application Controller = control unit) from ESYLUX combine the most important features into a single device. Using sensor technology, they detect presence and brightness and overtake the direct control of the operating devices at the same time.



# BMS PRESENCE DETECTORS AS INPUT DEVICES

BMS presence detectors (BMS: Building Management System) supplement the APC presence detector (APC: Application Controller) of a system as this detector only detects presence and measures brightness in its own room zone.

Using built-in presence and light sensors and additional push button inputs, BMS presence detectors (BMS: Building Management System) supply the necessary information to all other areas, setting the foundation for all 16 groups to be controlled individually. The design variants from the COMPACT, FLAT and COMPACT MINI series offer solutions for a wide range of visual requirements.

## COMPACT SERIES

- Integrated presence and light sensors
- Two-piece housing for simple installation
- Two potential-free inputs for conventional switches
- Fields of detection of Ø 8, 24 or 32 m

## FLAT SERIES

- Integrated presence and light sensors
- Flat, elegant design (round or rectangular)
- One potential-free input for conventional switches
- Fields of detection of Ø 8 m

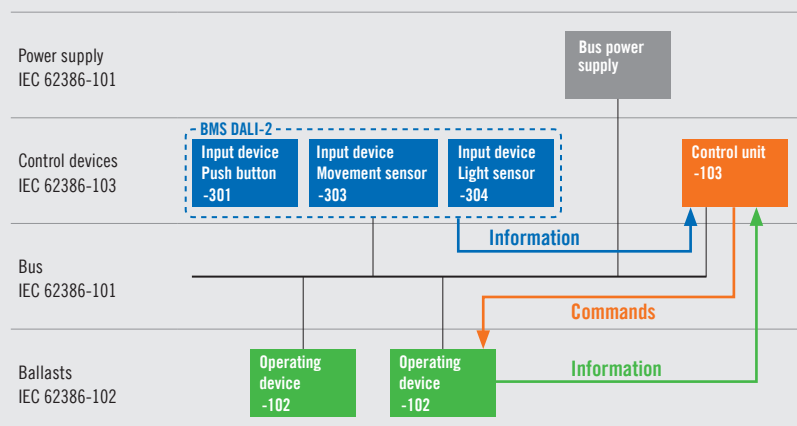
## COMPACT MINI SERIES

- Integrated presence and light sensors
- Particularly compact design for unobtrusive operation
- Fields of detection of Ø 8 m





### BMS PRESENCE DETECTOR (BMS: BUILDING MANAGEMENT SYSTEM) BUS COMMUNICATION



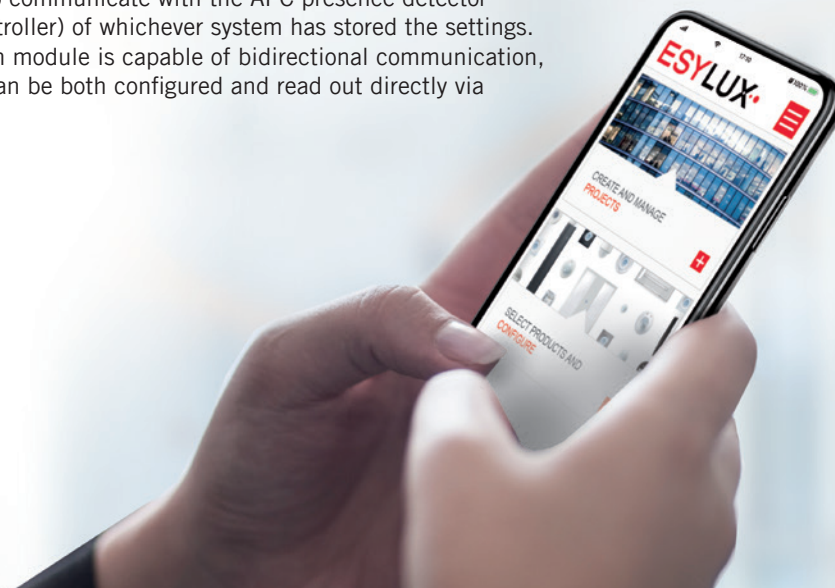
Using built-in presence and light sensors as well as push button inputs, BMS presence detectors (BMS: Building Management System) combine all the important input devices in line with the DALI-2 standard in a single housing, making planning and installation easier.

# SIMPLE CONFIGURATION VIA THE ESY-APP

## GROUP AND CONFIGURE DECENTRALISED DALI-2 SOLUTIONS VIA THE APC PRESENCE DETECTOR

The intuitive ESY-App from ESYLUX allows users to configure lighting systems in no time at all. With quick detection of addressed devices, grouping via the quick assignment function and the scene editor, DALI has never been so easy!

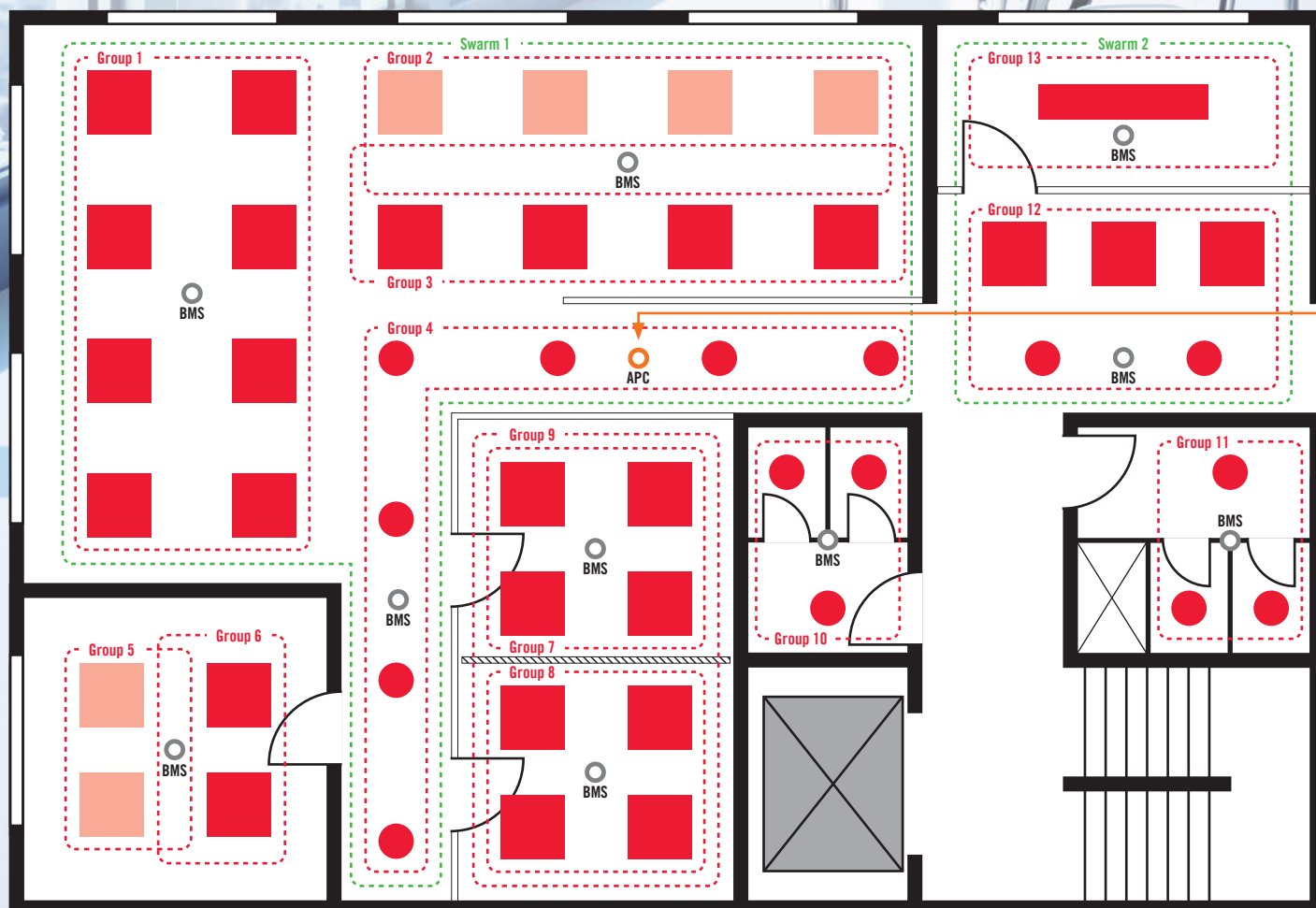
The ESY-App is able to communicate with the APC presence detector (APC: Application Controller) of whichever system has stored the settings. The system's Bluetooth module is capable of bidirectional communication, meaning parameters can be both configured and read out directly via smartphone.



# FUNCTIONAL ADVANTAGE

## FLEXIBLE GROUP CONTROL OF APC PRESENCE DETECTORS

Whether using the swarm function, orientation light or time-controlled night operation, all users in any building can benefit from a light control that is tailored to meet the requirements of the given area. The APC presence detectors (APC: Application Controller) can be combined with the BMS presence detector (BMS: Building Management System) to form intelligent lighting groups in all sections and offer a variety of functions for individual lighting in every room zone as required.





# GE FOR EVERY ZONE

- Lights  
○ Presence detector

In this example, the APC presence detector controls 13 groups within a section of building (up to 16 groups are possible)

- Group 1, 2, 3    Open-plan office  
 Group 4        Corridor  
 Group 5, 6     Single office  
 Group 7, 8, 9   Meeting room 1  
                     (with partition)  
 Group 10, 11   WC  
 Group 12       Reception area  
 Group 13       Meeting room 2

Quantity	Product name	Item no.
1	PD-C 360bt/8 APC10 PS plus DALI-2	EP10428142
2	PD-C 360/24 BMS DALI-2	EP10428210
3	PD-C 360/8 BMS DALI-2	EP10428203
5	PD-C 360/8 mini BMS DALI-2	EP10423048
31	CELINE-2 PNL 625 DDP OP 4000 840 IP20 ELC	EQ10132377
31	DRIVER-SET 30W RJ45 DALI-2	EQ10127793
15	ELSA-2 DL 225 OP 110° 1800 840 WH DALI	EO10298950



## ESYLUX DALI-2 Concept & Functions



The full functional scope of the APC presence detector can be found in the "DALI-2 Concept & Functions" brochure. Simply scan the QR code or visit our website at [www.esylux.com](http://www.esylux.com).





# SMART INP



COMPACT SERIES



FLAT SERIES



COMPACT MINI SERIES

## OVERVIEW OF THE BMS PRESENCE DETECTOR

- Easy to integrate in third-party building management systems, such as those from Beckhoff, Wago or Helvar (Router 950) as input devices
- Integrated presence and light sensors
- Compact, flat or particularly small series design
- Field of detection of Ø 8 m (FLAT, COMPACT MINI) or of Ø 8 m, 24 and 32 m (COMPACT)
- Potential-free inputs for conventional switches (2x COMPACT, 1x FLAT):

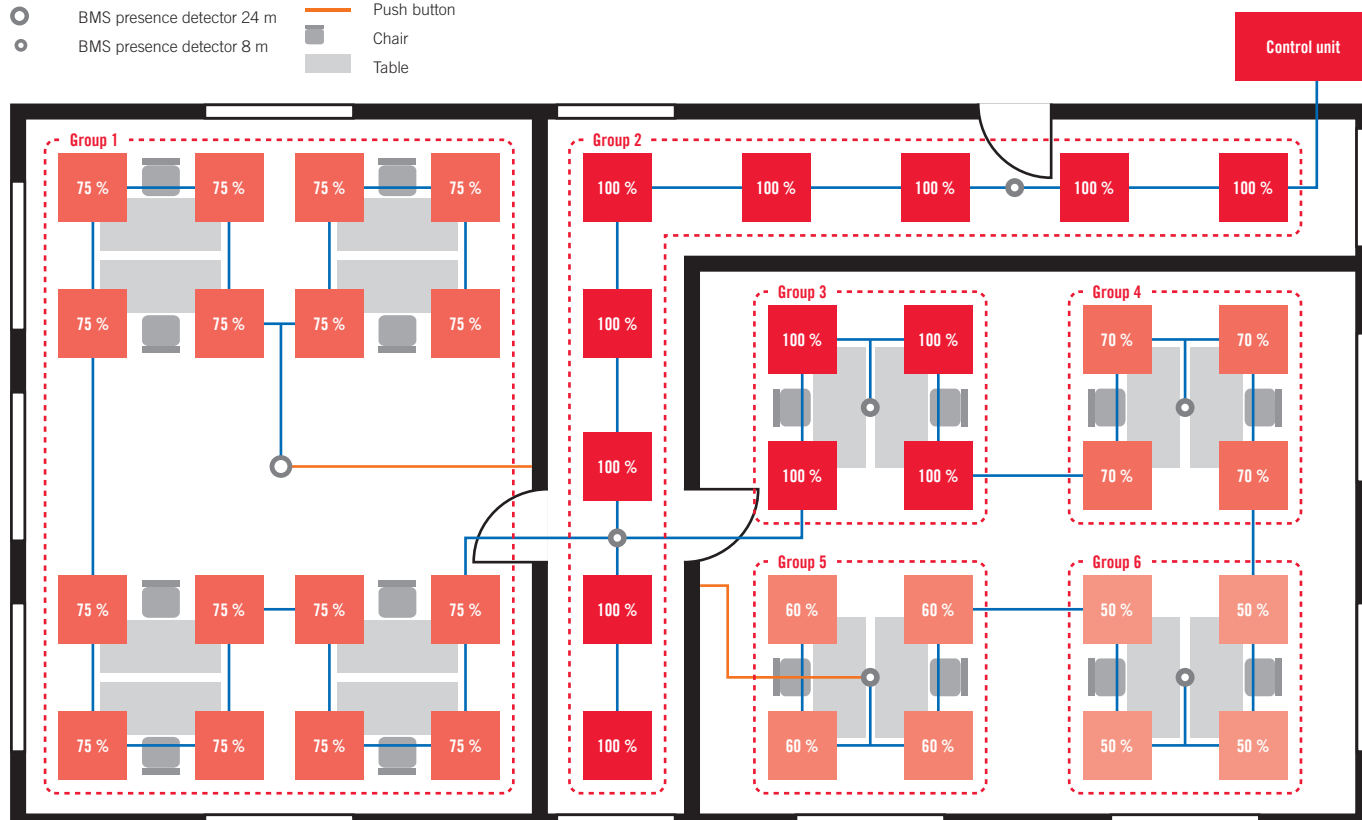


Available 230-V button can be used directly, without the need for a DALI-2 button!

# UT ON ALL LEVELS

## BMS PRESENCE DETECTORS IN BUILDING MANAGEMENT SYSTEMS

Many large, modern office buildings use building management systems with a central control function. BMS presence detectors (BMS: Building Management System) from ESYLUX feature field-tested high-quality sensors, making them a top choice as they reliably supply the control unit with all the necessary information. Furthermore, the FLAT and COMPACT MINI variants are the ideal solutions for spaces with sophisticated design features.





# SIMPLE DALI: BR

## SINGLE-ROOM SOLUTIONS WITHOUT ADDRESSING

As existing buildings are modernised to be more energy-efficient, project managers sometimes have to work through the building room by room. ESYLUX solutions with DALI Broadcast offer the ideal sensor solution for this type of scenario.

The sensors do not need to be addressed, are ready to use instantly without having to change the factory settings and when combined with DUO DALI presence detectors from the COMPACT series, offer solutions with two light channels and an energy-efficient offset.

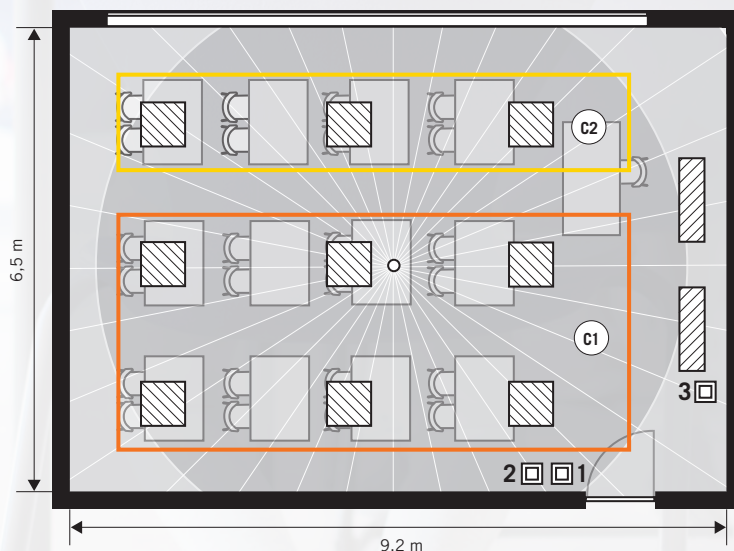
### EXAMPLE OF APPLICATION IN A CLASSROOM

In constant lighting control concepts for lighting systems with lights near to and far from windows, an offset between the light channels ensures optimal lighting conditions and improved energy efficiency.



**ACTUATOR FULL AUTO C3 DALI**  
**ACTUATOR SEMI AUTO C4 DALI**

ESYLUX actuators supplement all Broadcast presence detectors by up to two switching channels (screens, interactive boards, accent lighting or HVAC). The lights and actuators can be operated as a fully automatic or semi-automatic system.



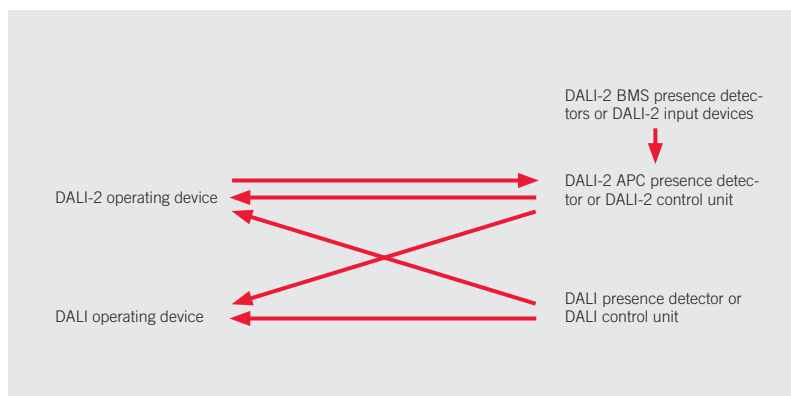
# BROADCAST

## DOWNWARD COMPATIBILITY DALI-2 TO DALI

Due to backwards compatibility, DALI-2 control gear can also recognise and interpret DALI commands.

This means ESYLUX DALI Broadcast detectors can also be used in lighting systems with DALI-2 lights and operating devices.

The DALI-2 operating devices can interpret and follow the DALI commands from the detectors without any issues.



## DUO DALI PRESENCE DETECTORS WITH TWO BROADCAST CHANNELS

- Presence and daylight dependent constant light control
- Control of two lighting systems with offset
- Integrated bus power supply for up to 25 operating devices per light channel
- Orientation light
- Up to two additional switching channels with a DALI actuator as an accessory
- Two push button inputs for manual control
- Temporary override by remote control
- Ready for use immediately with factory settings
- Low energy consumption



PD-C 360i/32 DUO DALI  
PD-C 360i/24 DUO DALI



PD-C 360i/8 DUO DALI



PD-FLAT 360i/8 ROUND WHITE DALI  
PD-FLAT 360i/8 ROUND BLACK DALI



PD-FLAT 360i/8 SQUARE WHITE DALI  
PD-FLAT 360i/8 SQUARE BLACK DALI



PD-C 360i/8 mini DALI



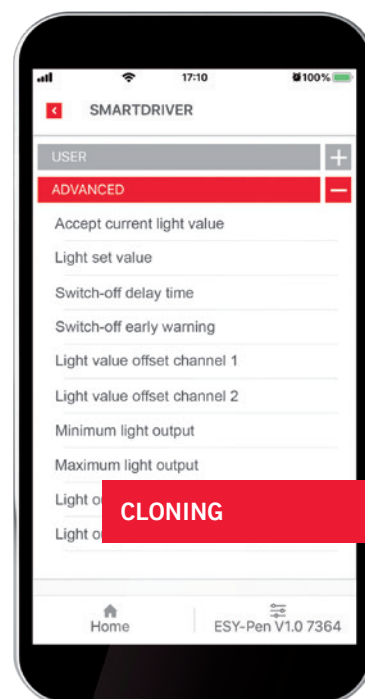
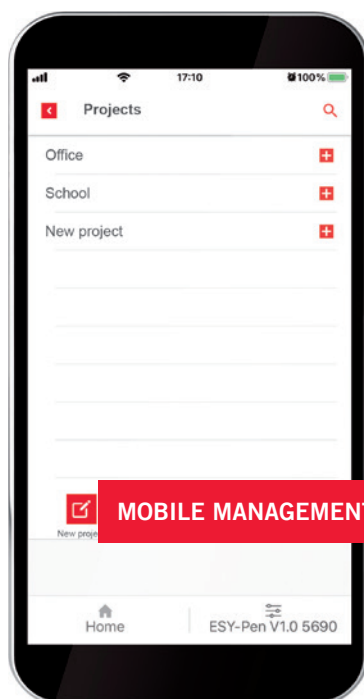
PD-FLAT 360i/6 mini DALI

## PRESENCE DETECTOR WITH ONE BROADCAST CHANNEL

- Presence and daylight dependent constant light control
- Up to two additional switching channels with a DALI actuator as an accessory
- Push button input for manual control
- Temporary override by remote control
- Orientation light
- Ready for use immediately with factory settings
- Bus power supply as an accessory



# ALWAYS READY W THE RIGHT TOOL



The ESY-Pen and the ESY-App make commissioning and parameterisation easy.

With the ESY-App, you have access to your project library at all times! And for optimum flexibility, you can create projects in your office and then easily transfer the configuration when at the construction site.

Previously implemented configurations can be stored and transferred to products of the same type via the ESY-Pen using the cloning function.

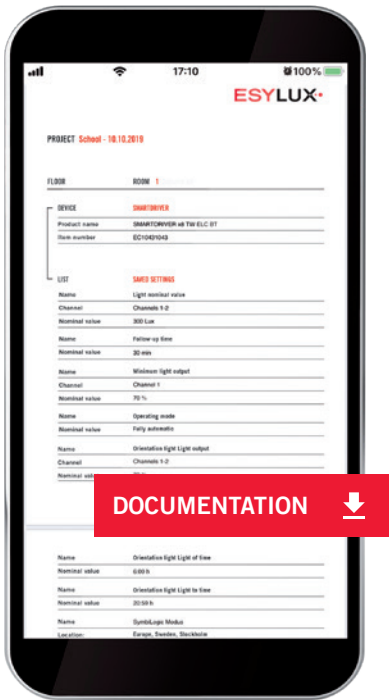
# ITH

## EASY PARAMETRISATION, REMOTE CONTROL, LIGHT MEASUREMENT AND MOBILE PROJECT MANAGEMENT

Whether you use presence detectors, outdoor lights with motion detectors or lighting systems with ESYLUX Light Control, the ESY-Pen and the ESY-App ensure you always have the right tools for all remotely controlled ESYLUX solutions.



Bluetooth control for  
Android and iOS



The project documentation is integrated into a PDF report that can then be emailed and printed off as required.

## MOBILE PROJECT MANAGEMENT

The ESY-Pen and the ESY-App allow users to save, access and transfer configured projects:

- Each project can be saved with a unique name and description in the ESY-App
- No project is too big for the ESY-App: Up to 64 floors can be created, each with up to 64 rooms and up to 64 devices per room
- Within the ESY-App, a few clicks take the user from the project to the room of their choice where they can quickly identify, select and configure ESYLUX products
- Configured projects can be stored in the ESY-App or forwarded on to other users as necessary. Previously stored configurations can be easily transferred to products of the same type via the ESY-Pen using the cloning function
- The project documentation is integrated into a project report that can then be sent as a PDF document and also printed off as required

# THE DIFFERENCE PRESENCE AND MOTION DETECTORS

Both device types have a sensor system for motion detection and a light sensor system for brightness measurement. Nevertheless, presence detectors and motion detectors are each suitable for different applications.

## MOTION DETECTORS

Motion detectors detect larger movements within their detection range, for example when a person is walking forward or gestures in a disorderly manner. As soon as motion detectors detect a movement, they measure the brightness once with their light sensor technology. If this is below the previously set brightness value, they activate the lighting. If they no longer detect any movement, they switch off the light again at the end of the follow-up time.

## APPLICATION AREAS

Motion detectors, with their simpler motion sensor technology and unique light measurement, are ideally suited for passageways, sanitary areas and side rooms with little daylight or short-term use, as well as for outdoor applications.



## PRESENCE DETECTORS

Presence detectors also detect larger movements, but within their presence range they also register fine motoric and even the smallest movements such as typing on a PC keyboard. Unlike motion detectors, presence detectors can therefore detect the permanent presence of people - for example at a desk in the office.

If movement is detected and brightness is insufficient, presence detectors activate the lighting. Unlike motion detectors, however, they do not measure light just once but repeat the measurement as long as they detect presence. If the required illuminance is already achieved by daylight or ambient light, presence detectors switch off the artificial light in an energy-saving manner even if there is a human presence. Alternatively, they deactivate the lighting at the end of the switch-off delay time.

Presence detectors with constant-light control provide even greater convenience and energy efficiency when people are present. Because based on their continuous light measurement, they can continuously adjust the illuminance of the artificial light to the natural lighting conditions by dimming.

## APPLICATION AREAS

Presence detectors are ideally suited for indoor areas where people are permanently present, especially in areas with daylight, due to their more precise motion detection and continuous light measurement. They are therefore preferred for use in offices, classrooms or recreation rooms, for example.



# DIFFUSERS AND COLOUR TEMPERATURE

## AN OVERVIEW

Diffusers have a significant influence on the optical perception and glare suppression of the lighting, and the colour temperature changes the emotional and biological effect of the light. ESYLUX offers a suitable selection.

### DIFFUSERS AND COVERS

Different combinations of finely structured surfaces and stronger or weaker opacity give ESYLUX lighting an equally attractive and characteristic appearance.

#### Diffuser surface:

DDP = micro-prismatic

LDP = linear-prismatic

#### Diffuser opacity:

TR = transparent

OP = opal

SO = semi-opal

### COLOUR TEMPERATURE

The colour temperature in Kelvin describes the light colour of a light source and ranges from below 3000 Kelvin (warm white) to over 5300 Kelvin (daylight white) with common light sources. ESYLUX lighting solutions with SymbiLogic technology and Tunable White offer variable control between the two ranges and energy-efficient Human Centric Lighting.

2700 – 6500 K = Tunable White



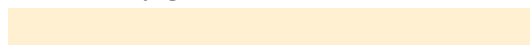
3000 K = warm white



4000 K = neutral white



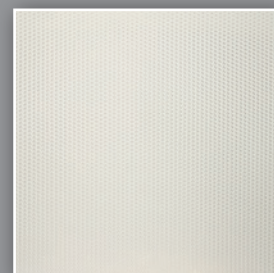
5000 K = daylight white



#### Diffuser:

DDP OP

(micro-prismatic, opal)



#### Left:

Tunable White

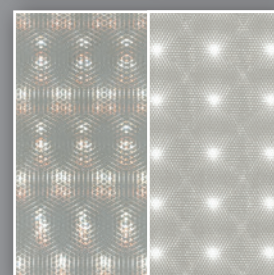
#### Right:

fixed light colour

#### Diffuser:

DDP TR

(micro-prismatic, transparent)



#### Left:

Tunable White

#### Right:

fixed light colour

#### Diffuser:

LDP TR

(linear-prismatic, transparent)



#### Diffuser:

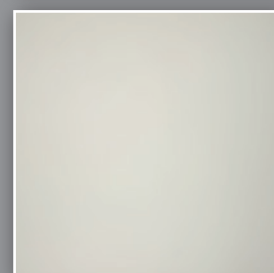
LDP SO

(linear-prismatic, semi-opal)



#### Diffuser:

OP (opal)





# COVERS FOR WALL

## COMPATIBLE WITH BRAND SWITCHES

Whether a new building or a quick replacement during ongoing operation:  
For the modernisation of buildings with wall presence and motion detectors, suitable covers and often their compatibility with common brand switches are essential. ESYLUX therefore offers a wide range of accessories - allowing easy conversion to contactless energy efficiency!



**Example detector:**  
PD-C 180i KNX



**Individual switch range**  
Single or multiple frames  
from the switch manufacturer



**Subframe**  
as adapter for 50 x 50 mm standard  
cut-out in accordance with DIN 49075  
(switch manufacturer accessory)



**Cover**  
for wall detectors (different  
colours as accessories)



**PD-C 180i KNX**  
in the individual  
switch range

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
<b>Accessories</b>					
<b>Cover</b>					
COVER IP20 WH	EM10055102	Cover for wall detectors from the STANDARD series, IP20, white, similar to RAL 9010	X 87, Y 87, Z 29	•	
COVER IP20 SWH	EM10055119	Cover for wall detectors from the STANDARD series, IP20, white, similar to RAL 9016	X 87, Y 87, Z 29	•	
COVER IP20 CWH	EM10055126	Cover for wall detectors from the STANDARD series, IP20, cream white, similar to RAL 1013	X 87, Y 87, Z 29	•	
COVER IP20 AN	EM10055133	Cover for wall detectors from the STANDARD series, IP20, anthracite, similar to RAL 7021	X 87, Y 87, Z 29	•	
COVER IP20 SR	EM10055140	Cover for wall detectors from the STANDARD series, IP20, silver	X 87, Y 87, Z 29	•	
COVER BER S1 IP20 PWH	EP10427107	Cover for wall detector fits with Berker S.1, IP20, polar white	X 55, Y 55, Z 27	•	
COVER BER S1 IP20 WH	EP10427114	Cover for wall detector fits with Berker S.1, IP20, white	X 55, Y 55, Z 27		
COVER BER MOD2 IP20 PWH	EP10427121	Cover for wall detector fits with Berker module 2, IP20, polar white	X 55, Y 55, Z 27		
COVER BER MOD2 IP20 WH	EP10427138	Cover for wall detector fits with Berker module 2, IP20, white	X 55, Y 55, Z 27		
COVER BUJ REF IP20 WH	EP10427145	Cover for wall detector fits with Busch-Jäger Reflex, IP20, white	X 55, Y 55, Z 27	•	
COVER GIR S55 IP20 WH	EP10427169	Cover for wall detector fits with Gira Standard 55, IP20, white	X 55, Y 55, Z 27	•	
COVER GIR S55 IP20 CWH	EP10427176	Cover for wall detector fits with Gira Standard 55, IP20, cream white	X 55, Y 55, Z 27		
COVER IP44 WH	EM10055157	Cover for wall detectors from the STANDARD series, IP44, white	X 87, Y 87, Z 67	•	
MOUNTING BOX IP44 SM WH	EM10055164	Surface-mounted box for wall detectors from the STANDARD series, IP44, white	X 87, Y 87, Z 49	•	



# DETECTORS



Product group/product name	Item no.	Detection angle	Detection range	Installation type	Number of light channels	Function	Constant lighting control	Push button input lighting	In-rush current	Adjustable switch-off delay time	Number of HVAC-channels	Push button input HVAC	Slave input	Protection type	Dimensions (mm)	Circuit diagram	Core portfolio	New product
<b>Presence detectors</b>																		
<b>12 – 36 V UC</b>																		
PD-C 180i/16 UC (Opal matt)	EP10427305	180°	Ø 16 m	FM	1	Switching/Regulate	•	1		•				IP20	X 70, Y 70, Z 55		•	
<b>KNX</b>																		
PD-C 180i KNX ECO (white, similar to RAL 9010)	EP10426452	180°	Ø 16 m	FM	2	Switching		1		•			•	IP20	X 70, Y 70, Z 55	0	•	
PD-C 180i KNX (white, similar to RAL 9010)	EP10426445	180°	Ø 16 m	FM	2	Switching/Regulate	•	1		•	1		•	IP20	X 70, Y 70, Z 55	0	•	
PD-C 180i/16 Touch KNX (white, similar to RAL 9010)	EP10460104	180°	Ø 16 m	FM	2	Switching/Regulate	•	1		•	1	•	•	IP40	X 70, Y 70, Z 55	0	•	
<b>Motion detectors</b>																		
<b>ON/OFF</b>																		
MD 180i/16 BASIC (Opal matt)	EB10430459	180°	Ø 16 m	FM	1	Switching		1	800 A / 200 µs	•				IP40	X 70, Y 70, Z 55	X	•	

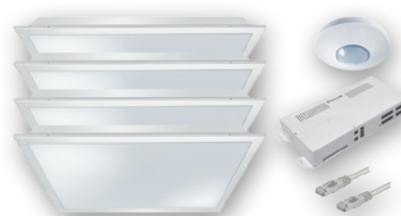
# PRODUCT NAMING

## SIMPLY DECODED

Our naming scheme in the lighting category complies with the international industry standard and draws its components from the most important features and performance data. Following the series name and the device category, this includes, for example, abbreviated designations for luminous flux, CRI value or diffuser characteristics. So you can see instantly which lighting component or solution is suitable for the requirements of your project.

### Example lighting systems: QUADRO-SET

QUADRO-SET	CELINE-2	HCL	625	DDP	OP	8TW	IR	ELC
1.	2.	3.	4.	5.	6.	7.	8.	9.



Differentiator	Description
<b>1. SERIES</b>	
<b>2. TYPE OF LUMINAIRE</b>	
CELINE-2	= ESYLUX CELINE-2 series
<b>3. FUNCTION</b>	
HCL	= Human Centric Lighting
<b>4. DIMENSIONS OF THE LUMINAIRE</b>	
600	= 600 x 600 mm
625	= 625 x 625 mm
<b>5. DIFFUSER SURFACE</b>	
DDP	= Micro-prismatic
LDP	= Linear-prismatic

Differentiator	Description
<b>6. DIFFUSER OPACITY</b>	
OP	= Opal
TR	= Transparent
<b>7. COLOUR RENDERING INDEX AND TEMPERATURE</b>	
840	= CRI >80; 4000 K
8TW	= CRI >80; 2700 – 6500 K
<b>8. COMMUNICATION</b>	
IR	= Remote control via infrared
<b>9. CONTROL TECHNOLOGY</b>	
ELC	= ESYLUX Light Control

# LIGHTING

## Example recessed lights: CELINE series

CELINE	PNL	1250	LDP	SO	3400	840	IP20	IR	PD	ELC
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.



Differentiator	Description
<b>1. SERIES</b>	
<b>2. DEVICE CATEGORY</b>	
PNL	= Recessed light
<b>3. DIMENSIONS</b>	
600	= 600 x 600 mm
625	= 625 x 625 mm
1200	= 1200 x 300 mm
1250	= 1250 x 312,5 mm
<b>4. DIFFUSER SURFACE</b>	
DDP	= Micro-prismatic
LDP	= Linear-prismatic
<b>5. DIFFUSER OPACITY</b>	
OP	= Opal
SO	= Semi-opal
TR	= Transparent

Differentiator	Description
<b>6. LUMINOUS FLUX</b>	
<b>7. COLOUR RENDERING INDEX AND TEMPERATURE</b>	
830	= CRI >80; 3000 K
840	= CRI >80; 4000 K
8TW	= CRI >80; 2700 – 6500 K
<b>8. IP PROTECTION CLASS</b>	
<b>9. COMMUNICATION</b>	
IR	= Remote control via infrared
<b>10. AUTOMATION</b>	
PD	= Presence detector included
<b>11. CONTROL TECHNOLOGY</b>	
ELC	= ESYLUX Light Control
<b>12. INTERFACE</b>	
DALI	= Digital Addressable Lighting Interface



## Example wall and ceiling lights: ELLEN series

ELLEN	WCL	300	OP	1200	830	IP20	MD
1.	2.	3.	4.	5.	6.	7.	8.



Differentiator	Description
<b>1. SERIES</b>	
<b>2. DEVICE CATEGORY</b>	
WCL	= Wall and ceiling light
<b>3. DIMENSIONS</b>	= In millimetres (mm)
<b>4. DIFFUSER OPACITY</b>	
OP	= Opal
<b>5. LUMINOUS FLUX</b>	

Differentiator	Description
<b>6. COLOUR RENDERING INDEX AND TEMPERATURE</b>	
830	= CRI >80; 3000 K
840	= CRI >80; 4000 K
<b>7. IP PROTECTION CLASS</b>	
<b>8. AUTOMATION</b>	
MD	= Motion detector included

## Example downlights: ELSA-2 series

ELSA-2	DL	225	OP	110°	1800	840	PD	IR	PS	DALI	WH
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.

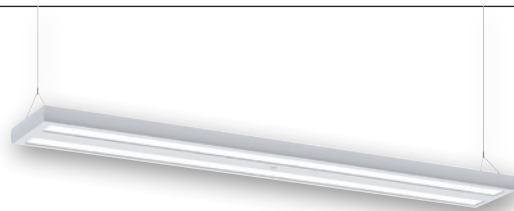


Differentiator	Description
<b>1. SERIES</b>	
<b>2. DEVICE CATEGORY</b>	
DL	= Downlight
<b>3. DIMENSIONS</b>	= In millimetres (mm)
<b>4. DIFFUSER SURFACE</b>	
OP	= Opal
<b>5. BEAM ANGLE</b>	
<b>6. LUMINOUS FLUX</b>	
<b>7. COLOUR RENDERING INDEX AND TEMPERATURE</b>	
830	= CRI >80; 3000 K
840	= CRI >80; 4000 K

Differentiator	Description
<b>8. AUTOMATION</b>	
MD	= Motion detector included
PD	= Presence detector included
<b>9. COMMUNICATION</b>	
IR	= Remote control via infrared
<b>10. POWER SUPPLY</b>	
PS	= Power supply included
<b>11. INTERFACE</b>	
DALI	= Digital Addressable Lighting Interface
<b>12. COLOUR</b>	
WH	= White

## Example pendant lights: ISABELLE series

ISABELLE	PDL	1200	DDP	TR	8200	840	PD	DALI	WH
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.



Differentiator	Description
<b>1. SERIES</b>	
<b>2. DEVICE CATEGORY</b>	
PDL	= Pendant light
<b>3. DIMENSIONS</b>	
1200	= 1200 mm length
<b>4. DIFFUSER SURFACE</b>	
DDP	= Micro-prismatic
<b>5. DIFFUSER OPACITY</b>	
TR	= Transparent
<b>6. LUMINOUS FLUX</b>	

Differentiator	Description
<b>7. COLOUR RENDERING INDEX AND TEMPERATURE</b>	
840	= CRI >80; 4000 K
<b>8. AUTOMATION</b>	
PD	= Presence detector included
<b>9. INTERFACE</b>	
DALI	= Digital Addressable Lighting Interface
<b>10. COLOUR</b>	
BK	= Black
WH	= White

## Example free-standing lights: ISABELLE series

ISABELLE	FSL	S-BASE	DDP	TR	6000	830	PD	WH
1.	2.	3.	4.	5.	6.	7.	8.	10.



Differentiator	Description
<b>1. SERIES</b>	
<b>2. DEVICE CATEGORY</b>	
FSL	= Free-standing light
<b>3. STAND</b>	
S-BASE	= Standard base
U-BASE	= U-shaped base
<b>4. DIFFUSER SURFACE</b>	
DDP	= Micro-prismatic
<b>5. DIFFUSER OPACITY</b>	
TR	= Transparent
<b>6. LUMINOUS FLUX</b>	

Differentiator	Description
<b>7. COLOUR RENDERING INDEX AND TEMPERATURE</b>	
830	= CRI >80; 3000 K
840	= CRI >80; 4000 K
<b>8. AUTOMATION</b>	
PD	= Presence detector included
<b>9. COMMUNICATION</b>	
IR	= Remote control via infrared
<b>10. COLOUR</b>	
BK	= Black
WH	= White

## Example moisture-proof lights: OLIVIA series

OLIVIA	MPL	1265	OP	3600	840	DALI
1.	2.	3.	4.	5.	6.	7.



Differentiator	Description
<b>1. SERIES</b>	
<b>2. DEVICE CATEGORY</b>	
MPL	= Moisture-proof light
<b>3. DIMENSIONS</b>	
	= In millimetres (mm)
<b>4. DIFFUSER OPACITY</b>	
OP	= Opal

Differentiator	Description
<b>5. LUMINOUS FLUX</b>	
<b>6. COLOUR RENDERING INDEX AND TEMPERATURE</b>	
840	= CRI >80; 4000 K
<b>7. INTERFACE</b>	
DALI	= Digital Addressable Lighting Interface

## Example wall and ceiling lights: OL/AOL series

AOL	WL	200	OP	1600	830	MD	WH
1.	2.	3.	4.	5.	6.	7.	8.



Differentiator	Description
<b>1. SERIES</b>	
<b>2. DEVICE CATEGORY</b>	
WL	= Wall light
<b>3. DIMENSIONS</b>	
	= In millimetres (mm)
<b>4. DIFFUSER OPACITY</b>	
OP	= Opal
TR	= Transparent
<b>5. LUMINOUS FLUX</b>	

Differentiator	Description
<b>6. COLOUR RENDERING INDEX AND TEMPERATURE</b>	
830	= CRI >80; 3000 K
850	= CRI >80; 5000 K
<b>7. AUTOMATION</b>	
MD	= Motion detector included
<b>8. COLOUR</b>	
BK	= Black
WH	= White

## Example up-/downlights: ALVA UDL series

ALVA	UDL	TR	50°	900	830	AN
1.	2.	3.	4.	5.	6.	7.



Differentiator	Description
<b>1. SERIES</b>	
<b>2. DEVICE CATEGORY</b>	
UDL	= Up- / Downlight
<b>3. DIFFUSER OPACITY</b>	
TR	= Transparent
<b>4. BEAM ANGLE</b>	
<b>5. LUMINOUS FLUX</b>	

Differentiator	Description
<b>6. COLOUR RENDERING INDEX AND TEMPERATURE</b>	
830	= CRI >80; 3000 K
840	= CRI >80; 4000 K
<b>7. COLOUR</b>	
AN	= Anthracite
WH	= White

## Example bollard lights: ALVA BL series

ALVA	BL	700/100	TR	360°	600	840	MD	IR	DALI	AN
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.



Differentiator	Description
<b>1. SERIES</b>	
<b>2. DEVICE CATEGORY</b>	
BL	= Bollard light
<b>3. DIMENSIONS</b>	
540 / 170	= 540 mm x Ø 170 mm
940 / 170	= 940 mm x Ø 170 mm
700 / 100	= 700 mm x Ø 100 mm
<b>4. DIFFUSER SURFACE</b>	
OP	= Opal
TR	= Transparent
<b>5. BEAM ANGLE</b>	
<b>6. LUMINOUS FLUX</b>	

Differentiator	Description
<b>7. COLOUR RENDERING INDEX AND TEMPERATURE</b>	
830	= CRI >80; 3000 K
840	= CRI >80; 4000 K
<b>8. AUTOMATION</b>	
MD	= Motion detector included
<b>9. COMMUNICATION</b>	
IR	= Remote control via infrared
<b>10. INTERFACE</b>	
DALI	= Digital Addressable Lighting Interface
<b>11. COLOUR</b>	
AN	= Anthracite
WH	= White



## Example floodlights: SUN OFL/AFL series

SUN	AFL	TR	5600	850	MD	BK
1.	2.	3.	4.	5.	6.	7.



Differentiator	Description
<b>1. SERIES</b>	
<b>2. DEVICE CATEGORY</b>	
OFL	= Outdoor Floodlight
AFL	= Automatic floodlight
<b>3. DIFFUSER OPACITY</b>	
TR	= Transparent
<b>4. LUMINOUS FLUX</b>	
<b>5. COLOUR RENDERING INDEX AND TEMPERATURE</b>	
830	= CRI >80; 3000 K
840	= CRI >80; 4000 K
850	= CRI >80; 5000 K

Differentiator	Description
<b>6. AUTOMATION</b>	
MD	= Motion detector included
<b>7. COLOUR</b>	
BK	= Black
WH	= White

# A TOOLTIP HELPS ON THE WEB

If you are in the product section of the ESYLUX website and do not know one or more components of a product name, simply move the mouse over the respective name sections. A tooltip then automatically displays a short description.

ESYLUX

SOLUTIONS

PRODUCTS

INNOVATIONS

COMPANY

SERVICE

Indoor lighting

Recessed lights

CELINE

2700 - 6500 K / 1200 x 300 mm / 30 W

RECESSED LIGHTS

CELINE

DIFFUSOR SURFACE: LINEAR-PRISMATIC

CELINE PNL 1200 LDP SO 3400 8TW IP20 IR PD ELC

Item number EQ10126260

Offers special product features like

+ Integrated presence detector

+ Simple parameterisation, remote control and documentation with ESY-Pen and ESY-App

SHORTFACTS

TECHNICAL DATA

DOWNLOADS

LIGHT CALCULATION

Device category

Recessed light

Whether luminous flux, light colour or control technology: the tooltip has the right answer for everything

INFORMATION

190



# PRODUCT NAMING

## SIMPLY DECODED

The product names of our presence and motion detectors are based on a structure that has been familiar to our customers for many years and allows them to easily navigate through our series - for example FLAT, COMPACT or ATMO.

We harmonise series that will be launched on the market from 2020 onwards according to the basic principles of the naming scheme in the lighting category. In the medium to long term, this gives you an even easier overview of our entire portfolio.

DEFENSOR shows an example of the introduction of a new series.

### Example detectors: COMPACT series

PD	-	C	360	i	/	24	DUODIMplus-FM
1.	2.	3.	4.	5.		6.	



Differentiator	Description
<b>1. DEVICE CATEGORY</b>	
<b>2. SERIES</b>	
ATMO	= Multisensor
C	= Compact
mini	= Small recessed ceiling mounted version
CE	= Compact Express (Recessed ceiling version)
FLAT	= Flat construction
BASIC	= Entry-level products
STANDARD	= State-of-the-art technology
RC, MD, MD-W	= High quality outdoor detectors
<b>3. ANGLE OF DETECTION</b>	= In degrees (°)
<b>4. REMOTE CONTROL</b>	= i = infrared
<b>5. Ø DETECTION RANGE</b>	= In metres (m)
<b>6. FUNCTION</b>	
plus	= HVAC-contact
touch	= Operation possible by touch
MIC	= Integrated acoustic sensor
DRY	= Break contact/floating
DUO	= 2-channel light measurement

Differentiator	Description
DIM	= Continuous lighting control
R	= Relay output
ELC	= ESYLUX Light Control
HCL	= Human Centric Lighting
BMS	= Building Management Systems
PS	= Power Supply included
DALI / DALI-2	= Digital Addressable Lighting Interface
KNX	= Fieldbus for building automation
UP	= Software upgrade
ECO	= Reduced functionality
UC	= 12 – 36 V AC/DC
WH / Warehouse	= Suitable for high-bay storage
Corridor	= Suitable for corridors / hallways
SM	= Surface-mounted version
SMB	= Surface-mounted version including box
FM	= Flush-mounted version
GST	= Pre-assembled WIELAND/GST 18-line
WAGO	= Pre-assembled WAGO WINSTA® line
Slave	= Auxiliary post

# DETECTORS

## Example outdoor motion detectors: DEFENSOR series

DEFENSOR	MD	280°	40	IR	1C	IP55	WH
1.	2.	3.	4.	5.	6.	7.	8.



Differentiator	Description
<b>1. SERIES</b>	
<b>2. DEVICE CATEGORY</b>	
MD	= Motion detector
<b>3. ANGLE OF DETECTION</b>	
	= In degrees (°)
<b>4. DETECTION RANGE</b>	
Angle of detection up to 180°	= Radius in metres (m)
Angle of detection from 180°	= Diameter in metres (m)
<b>5. COMMUNICATION</b>	
IR	= Remote control (infrared)

Differentiator	Description
<b>6. NUMBER OF LIGHT CHANNELS</b>	
1C	= 1 light channel
2C	= 2 light channels
<b>7. IP PROTECTION CLASS</b>	
<b>8. COLOUR</b>	
AN	= Anthracite
WH	= White



# SIMPLY BEING A GOOD PARTNER: FROM PLANNING THROUGH TO THE LAST DETAIL

## LET US TACKLE NEW TASKS TOGETHER

For ESYLUX, excellent service above all means being close to the customer. Our experts can provide advice and support in all phases of your project – from planning energy-efficient solutions and selecting products through to installation and reliable support via our technical hotline. What is more, you benefit from our helpful tools, training opportunities for planners, traders and technicians in the ESYLUX Academy, and an extended manufacturer's warranty.

Why not put ESYLUX to the test: We accept any challenge and look forward to implementing exciting projects with you. And we will prove that everybody benefits from demand-driven automation of optimum light and good-quality air: a gain for people, for the environment, and for your balance sheet. Welcome to ESYLUX.

## THIS PRODUCT OVERVIEW IS INTENDED AS A WORKING BASIS FOR BUSINESSES.

The information in this product overview is not binding in relation to the illustrations, design, size and colour of the products shown. We reserve the right to make changes to technology and designs with a view to improving the quality of the products. For any technical questions or to order promotional material, please contact your wholesaler or contact the ESYLUX sales department directly. Subject to error.

ESYLUX products are only supplied to trade specialists through the specialist wholesaler.



### ESYLUX ACADEMY

---

*Informing and instructing  
our customers is of  
utmost importance to us.*



### SUPPORT FOR PLAN- NING AND PROJECT MANAGEMENT

---

*From project planning  
through to completion,  
we are always at your side  
when you need us.*



### EXTENDED MANUFACTURER'S WARRANTY

---

*Quality is often just an  
empty promise. For us, it  
is an obligation.*



### ONLINE DOCUMENTATION

---

*Information is precious –  
if it is easy to find and use.*



## ESYLUX COMPANIES

### ESYLUX Deutschland GmbH

An der Strusbek 40  
22926 Ahrensburg | Deutschland  
t: +49 4102 489 0  
info@esylux.de  
www.esylux.de

### ESYLUX Belgium nv

Vlamstraat 7 bus 2  
9450 Denderhoutem-Haaltert | België  
t: +32 53 850 570  
info@esylux.be  
www.esylux.be

### ESYLUX Danmark ApS

Kokholm 3A  
6000 Kolding | Danmark  
t: +45 76 72 90 90  
info@esylux.dk  
www.esylux.dk

### ESYLUX France SARL

5 rue de Castiglione  
75001 Paris | France  
t: +33 1 5345 10 55  
info@esylux.fr  
www.esylux.fr

### ESYLUX Nederland B.V.

Leeghwaterstraat 35  
3364 AE Sliedrecht | Nederland  
t: +31 184 647 000  
info@esylux.nl  
www.esylux.nl

### ESYLUX Norge AS

Strandveien 33  
1366 Lysaker | Norge  
t: +47 2255 52 00  
info@esylux.no  
www.esylux.no

### ESYLUX Österreich GmbH

Hafenstraße 2A  
4020 Linz | Österreich  
t: +43 732 788 188 0  
info@esylux.at  
www.esylux.at

### ESYLUX Portugal, Lda.

Lagoas Park Edifício 8, Piso 1  
2740-244 Porto Salvo | Portugal  
t: +351 214 236 170  
comercial@esylux.pt  
www.esylux.pt

### ESYLUX Russia

ООО "ИЗИЛЮКС РУ"  
ул. Лётная, д. 21, пом. VI  
141018, г. Мытищи,  
Московская область | Россия  
t: +7 495 782 72 40  
info@esylux.ru  
www.esylux.ru

### ESYLUX Suomi Oy

c/o Oy DJ-S-Automation AB  
Vitikka 1 D  
02630 Espoo | Suomi  
t: +358 20 779 26 60  
info@esylux.fi  
www.esylux.fi

### ESYLUX Sverige AB

Färögatan 33  
164 51 Kista | Sverige  
t: +46 470 853 00  
info@esylux.se  
www.esylux.se

### ESYLUX Swiss AG

Heidelbergstrasse 9  
8355 Aadorf | Schweiz  
t: +41 44 808 61 00  
info@esylux.ch  
www.esylux.ch

### ESYLUX Asia Ltd.

No. 4 32/F Saxon Tower  
7 Cheung Shun Street  
Lai Chi Kok | Kowloon | Hong Kong  
t: +852 3107 89 98  
sales@esylux.com.hk  
www.esylux.com.hk

### ESYLUX GmbH (Export)

An der Strusbek 40  
22926 Ahrensburg | Germany  
t: +49 4102 888 80 0  
sales@esylux.com  
www.esylux.com

## TRADING PARTNERS

### Australia

Q Automation Pty. Ltd.  
29 Fowler Street  
Box Hill South  
Victoria, 3128  
t: +61 1300 757 627  
esylux@qautomation.com.au  
www.qautomation.com.au

### China

WanLand Automation  
Equipment (Shanghai) Co., Ltd.  
No. 158 Shuanglian Road,  
Qingpu District  
Shanghai | China  
t: +86 21-54161602  
info@wanland.asia  
www.wanland.com.cn

### Cyprus

SurgeTech Ltd.  
117 Athalassas Avenue  
2013, Nicosia | Cyprus  
t: +357 22 276 300  
info@surgetech.com.cy  
www.surgetech.com.cy

### Czech Republic

N.G. Elektro Trade, a.s.  
Jáchymovská 1370  
363 01 Ostrov  
t: +420 351 124 923  
filip@ngelektro.cz  
www.ngelektro.cz

### India

iTvis Innovations Pvt. Ltd.  
3, Kalika Plaza, Bhabha Nagar,  
Mumbai Naka, Nashik,  
Maharashtra 422011  
t: +91 253 250144  
info@itvisinnovations.com  
www.itvisinnovations.com

### Ireland

Core Distribution  
17b Goldenbridge Industrial Estate,  
Tyrconnell Road, Inchicore, D08 WD50  
Dublin 8  
Republic of Ireland  
t: +353 (0)1 4537033  
sales@coreelectrical.ie  
www.coreelectrical.com

### Lithuania

Uab "ENERGOZONA"  
Smolensko g. 10  
Vilnius 03201  
t: +370 616 01229  
info@energozona.lt  
www.energozona.lt

### New Zealand

Simx Ltd  
1 Haliday Place,  
East Tamaki, Auckland 2013  
t: +64 (9) 259 1660  
lighting@simx.co.nz  
www.simx.co.nz

### Slovakia

N.G. ELEKTRO, s.r.o.  
J. Bottu 432  
956 18 BOŠANY  
t: +421 385 427 045  
melus@ngelektro.sk  
www.ngelektro.sk

### United Arab Emirates

Beta Trading Establishment  
Ras Al Khor Industrial Area 2  
Dubai  
t: +971-4 7069777  
tareq.abdelhadi@betag.com  
www.betag.com

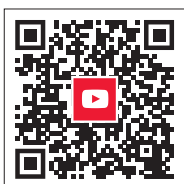
Picture credits:

Fotolia: 485850141, 542299962, 125641111, 59657957, 77477773 | Gettyimages: 495604235, 153362937, 637249110, 473513974, 707454797, 498111465, 527170889, 547495974, 505271706, 475980520, 620930599, 457983239 | iStock: 108195326, 488715632, 495482808, 475923646, 475923646, 485850141, 542299962, 155350714, 1263041709, 1153645385, 1071268104, 960995532, 178860955, 942518976, 493693166, 000003290587 | Shutterstock: 480633175, 361226012, 479719747, 128321369, 147183467, 44576716 | Thinkstock: 178629277, 485850141, 848365574

The *Bluetooth®* word mark and logos are registered trademarks owned by Bluetooth SIG, Inc.



www.esylux.com



@ESYLUXgmbh



@esylux



@esylux.official



@esylux-gmbh

© Copyright 2022

ZPEX 927591 • 04/22 • 0.1 • 0F



4 015120 927591