

CATALOGUE 2026 / 2027



**INDOOR
AUTOMATION**



**INDOOR
LIGHTING**



**OUTDOOR
AUTOMATION**



**OUTDOOR
LIGHTING**

**INNOVATIONS FOR
INTELLIGENT
AUTOMATION AND
LIGHTING SOLUTIONS**

PERFORMANCE FOR SIMPLICITY

ESYLUX GmbH & Co. KG | sales@esylux.com | www.esylux.com

CONTENT

INDOOR AUTOMATION

PRESENCE AND MOTION DETECTORS		04 - 55
	ATMO	04 - 07
	COMPACT	08 - 17
	COMPACT MINI	18 - 25
	COMPACT EXPRESS	26 - 29
	FLAT	30 - 35
	FLAT MINI	36 - 39
	STANDARD	40 - 45
	BASIC	46 - 51
	BASIC EXPRESS	52 - 55
BRIGHTNESS CONTROLLER		56 - 59
	FLAT MINI	56 - 59
CONTROLS		60 - 63
	SMARTCONTROLLER	60 - 63
SMOKE DETECTORS		64 - 67
	PROTECTOR	64 - 67

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.

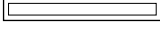
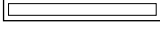
Example light source
ELSA-2 (LED module not removable)

ELSA-2 DL 225 OP 110° 1800 830 DALI WH (white, similar to RAL 9003)	EO10298943	830	1700 lm	19 W	89 lm/W	≤ 25	OP	IP44	DALI		X240, Z25	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)	EO10299025	830	1650 lm	17,5 W	94 lm/W	≤ 25	OP	IP20	ON/OFF	•		X240, Z 60	BY	•
---	------------	-----	---------	--------	---------	------	----	------	--------	---	---	------------	----	---

INDOOR LIGHTING

RECESSED LIGHTS		68 - 75
	JUNA	68 - 71
	CELINE-2	72 - 75
WALL AND CEILING LIGHTS		76 - 91
	ALMA	76 - 79
	ELLEN	80 - 83
	SVENJA	84 - 87
	LENJA	88 - 91
PENDANT LIGHTS		92 - 95
	LENJA	92 - 95
DOWNLIGHTS		96 - 101
	ELSA-2	96 - 101
MOISTURE-PROOF LIGHTS		102 - 105
	OLIVIA-2	102 - 105

INDOOR LIGHTING

EMERGENCY LIGHTS		106 - 135
	ELH-2	106 - 109
	ELX	110 - 113
	SLA	114 - 117
	SLB	118 - 121
	SLC/SLD	122 - 125
	SLE/SLF	126 - 131
	SLX	132 - 135
PORTABLE SPOTLIGHT		136 - 139
	SLP-2	136 - 139

OUTDOOR AUTOMATION

MOTION DETECTORS		140 - 161
	RC	140 - 145
	DEFENSOR	146 - 149
	MD-W	150 - 153
	MD	154 - 157
	BASIC	158 - 161
TWILIGHT SWITCHES		162 - 169
	DEFENSOR	162 - 165
	CDS	166 - 169

OUTDOOR LIGHTING

WALL LIGHTS		170 - 177
	AL	170 - 173
	WILMA	174 - 177
BOLLARD LIGHTS		178 - 183
	ALVA	178 - 183
FLOODLIGHTS		184 - 193
	BASIC OFL/AFL	184 - 187
	SUN OFL/AFL	188 - 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.

This catalogue contains the international product portfolio of ESYLUX. For country-specific availability, please refer to the product section of our 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)

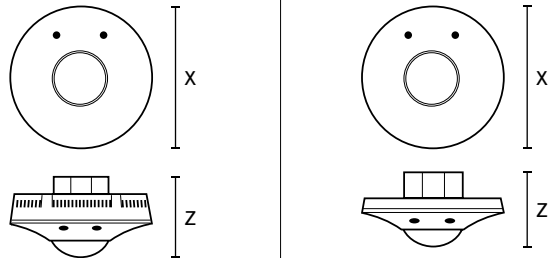
Variant (ATMO O) with additional measurement of VOCs (volatile organic compounds) for optimal control of the air quality; alternatively to automatic control, a visual or acoustic warning can be issued if a limit value is exceeded (for manual ventilation in line with demand)

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

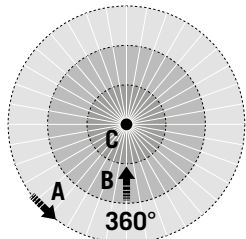
Simple adjustment of the range and field of detection due to the lens cover, which can be cut to size



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.

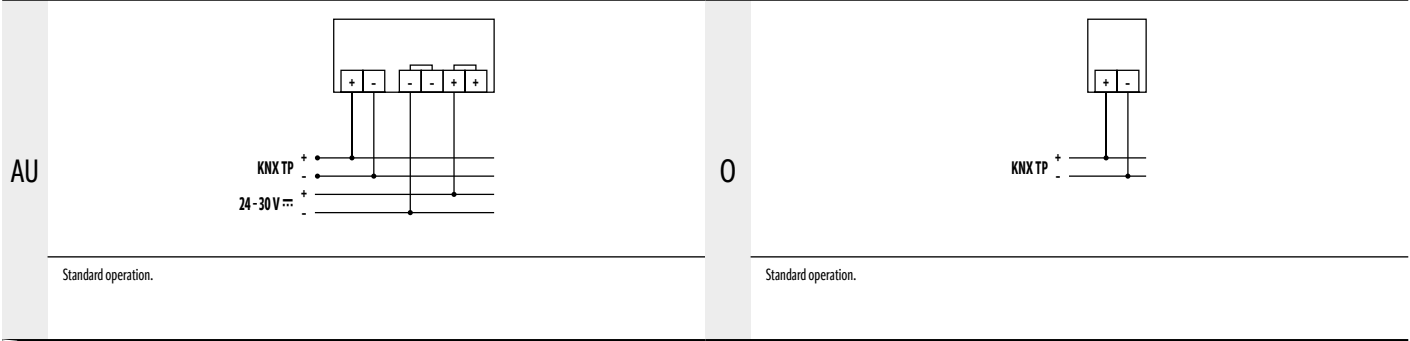
ATMO
INDOOR AUTOMATION / PRESENCE AND MOTION DETECTORS



- 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
Presence detectors / Ceiling mounting / KNX																		
KNX																		
PD-ATMO 360i/8 O AUX 30V KNX (white, similar to RAL 9010)	EP10427664	360°	Ø 8 m	FM	2	Switching/Regulate	•	2		•	1	•	•	IP20	X 108, Z 75,7	AU	•	
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 62	O		•
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 62	O		•

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
Accessories					
Mounting					
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	•	
Protection					
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	•	
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 PDI/USER	EM10425547	IR remote control for end users of presence detectors	X 100, Y 50, Z 9	•	
TELESCOPE MAGNET	EC10430022	Telescope magnet	X 6557	•	



- 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



ESY



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.

Parameterisable with ESY-Pen and ESY-App. More at: esylux.com/esy-pen.

INDOOR AUTOMATION / PRESENCE AND MOTION DETECTORS

COMPACT INNOVATION VARIETY FOR INDIVIDUAL CONTROL

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

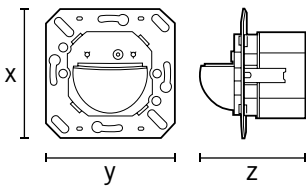
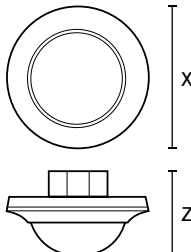
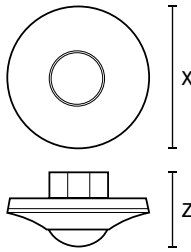
Integrated toggle: setting with remote control or adjustment control (to prevent operating errors and to provide sabotage protection)

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

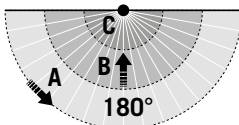
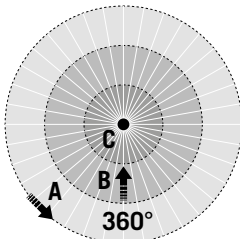
Switching delay prevents switching errors due to short-term change in brightness

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 11 m	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.

COMPACT
INDOOR AUTOMATION / PRESENCE AND MOTION DETECTORS



- On-demand lighting switching (230 V, 12 – 36 V) or presence- and daylight-dependent constant light control (1 – 10 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
Motion detectors / Ceiling mounting / ON/OFF																		
ON/OFF																		
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 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 FM (white, similar to RAL 9010)	EP10055539	360°	Ø 8 m	RM	1	Switching		1	800 A / 200 µs	•				IP20	X 108, Z 98	A	•	
MD-C 360i/8 BK (black, similar to RAL 9005)	EP10055416	360°	Ø 8 m	FM	1	Switching		1	800 A / 200 µs	•				IP20	X 108, Z 62	A	•	
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/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 FM (white, similar to RAL 9010)	EP10055560	360°	Ø 24 m	RM	1	Switching		1	800 A / 200 µs	•				IP20	X 108, Z 106	A	•	
MD-C 360i/24 BK (black, similar to RAL 9005)	EP10055546	360°	Ø 24 m	FM	1	Switching		1	800 A / 200 µs	•				IP20	X 108, Z 70	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/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	•	
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	•	
Presence detectors / Ceiling mounting / 1 - 10 V																		
1 - 10 V																		
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	•	
Presence detectors / Ceiling mounting / 12 - 36 VUC																		
12 - 36 VUC																		
PD-C 360i/8 UC (white, similar to RAL 9010)	EP10427312	360°	Ø 8 m	FM	1	Switching/Send values	•	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/Send values	•			•				IP20	X 108, Z 70	M	•	
Presence detectors / Ceiling mounting / ELC																		
ELC																		
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	•	

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
Presence detectors / Ceiling mounting / KNX																		
KNX																		
PD-C 360i/8 FM KNX UP (white, similar to RAL 9010)	EP10428821	360°	Ø 8 m	RM	2	Switching/Regulate	•	2		•	1	•	•	IP20	X 108, Z 98	O	•	
PD-C 360i/8 KNX UP BK (black, similar to RAL 9005)	EP10427534	360°	Ø 8 m	FM	2	Switching/Regulate	•	2		•	1	•	•	IP20	X 108, Z 62	O	•	
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	O	•	
PD-C 360i/24 FM KNX UP (white, similar to RAL 9010)	EP10428838	360°	Ø 24 m	RM	2	Switching/Regulate	•	2		•	1	•	•	IP20	X 108, Z 106	O	•	
PD-C 360i/24 KNX UP BK (black, similar to RAL 9005)	EP10427671	360°	Ø 24 m	FM	2	Switching/Regulate	•	2		•	1	•	•	IP20	X 108, Z 70	O	•	
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	O	•	
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	O	•	
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	O	•	
Presence detectors / Ceiling mounting / ON/OFF																		
ON/OFF																		
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 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 plus (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 FM (white, similar to RAL 9010)	EP10426858	360°	Ø 8 m	RM	1	Switching		1	800 A / 200 µs	•			•	IP20	X 108, Z 98	B	•	
PD-C 360i/8 BK (black, similar to RAL 9005)	EP10425233	360°	Ø 8 m	FM	1	Switching		1	800 A / 200 µs	•			•	IP20	X 108, Z 62	B	•	
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 360/8 Slave FM (white, similar to RAL 9010)	EP10426971	360°	Ø 8 m	RM		Send values							•	IP20	X 108, Z 98	C	•	
PD-C 360/8 Slave BK (black, similar to RAL 9005)	EP10055553	360°	Ø 8 m	FM		Send values							•	IP20	X 108, Z 62	C	•	
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/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 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 DRY (white, similar to RAL 9010)	EP10425707	360°	Ø 24 m	FM	1	Switching		1	5 A	•			•	IP20	X 108, Z 70	E	•	
PD-C 360i/24 plus (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 FM (white, similar to RAL 9010)	EP10426865	360°	Ø 24 m	RM	1	Switching		1	800 A / 200 µs	•			•	IP20	X 108, Z 106	B	•	
PD-C 360i/24 BK (black, similar to RAL 9005)	EP10425257	360°	Ø 24 m	FM	1	Switching		1	800 A / 200 µs	•			•	IP20	X 108, Z 70	B	•	
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 360/24 Slave FM (white, similar to RAL 9010)	EP10428777	360°	Ø 24 m	RM		Send values							•	IP20	X 108, Z 106	C	•	
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/32 plus (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	•	
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 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 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 Warehouse Slave (white, similar to RAL 9010)	EP10425790	360°	Ø 32 m	FM		Send values							•	IP20	X 108, Z 70	C	•	
Presence detectors / Wall mounting / 12 - 36 VUC																		
12 - 36 VUC																		
PD-C 180i/16 UC (opal matt)	EP10427305	180°	Ø 16 m	FM	1	Switching/Send values		1		•				IP20	X 70, Y 70, Z 55	CU	•	

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
Presence detectors / Wall mounting / KNX																		
KNX																		
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	O	•	
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 53	O	•	
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	O	•	

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
Motion detectors / Ceiling mounting / DALI-2																			
DALI-2																			
MD-C 360/40 BMS WAREHOUSE DALI-2 (white, similar to RAL 9010)	EP10428982	360°	Ø 40 m	FM			Send values			2		301, 302, 303, 304		IP20	X 108, Z 70		•	★	
MD-C 360/40 BMS WAREHOUSE DALI-2 BK (black, similar to RAL 9005)	EP10428999	360°	Ø 40 m	FM			Send values			2		301, 302, 303, 304		IP20	X 108, Z 70		•	★	
MD-C 360/40 BMS WAREHOUSE SM DALI-2 (white, similar to RAL 9010)	EP10429019	360°	Ø 40 m	SM			Send values			2		301, 302, 303, 304		IP20	X 108, Z 75		•	★	
MD-C 360/40 BMS WAREHOUSE SM DALI-2 BK (black, similar to RAL 9005)	EP10429026	360°	Ø 40 m	SM			Send values			2		301, 302, 303, 304		IP20	X 108, Z 75		•	★	

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 FM DUO DALI (white, similar to RAL 9010)	EP10428784	360°	Ø 8 m	RM	2	Switching/Regulate	•			2	•	2		IP20	X 108, Z 98	N	•		
PD-C 360i/8 DUO DALI WIELAND GST18 (white, similar to RAL 9010)	EP10427824	360°	Ø 8 m	RM	2	Switching/Regulate	•			2	•	2		IP20	X 108, Z 100	N	•		
PD-C 360i/8 DUO DALI WAGO WINSTA Codel (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 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 FM DUO DALI (white, similar to RAL 9010)	EP10428791	360°	Ø 24 m	RM	2	Switching/Regulate	•			2	•	2		IP20	X 108, Z 106	N	•		
PD-C 360i/24 DUO DALI WIELAND GST18 (white, similar to RAL 9010)	EP10427374	360°	Ø 24 m	RM	2	Switching/Regulate	•			2	•	2		IP20	X 108, Z 108	N	•		
PD-C 360i/24 DUO DALI WAGO WINSTA Codel (white, similar to RAL 9010)	EP10424854	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

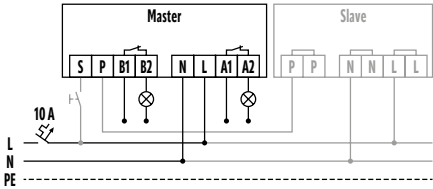
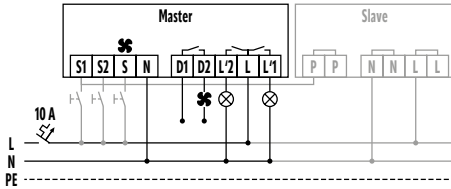
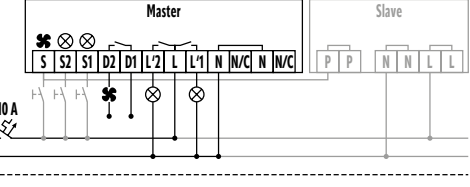
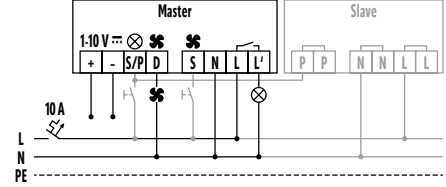
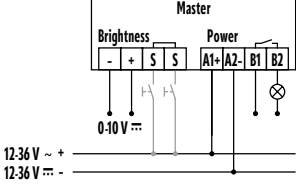
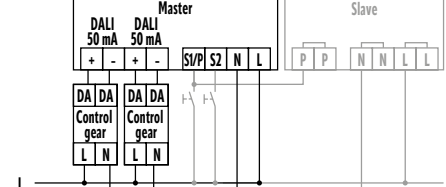
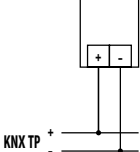
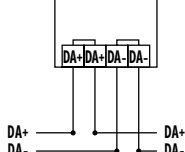
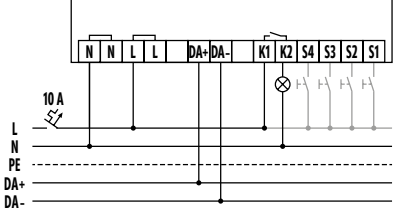
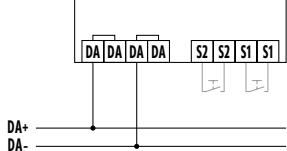
DALI-2																			
PD-C 360i/8 BMS DALI-2 (white, similar to RAL 9010)	EP10428203	360°	Ø 8 m	FM			Send values			2		301, 302, 303, 304		IP20	X 108, Z 62	R	•		
PD-C 360i/8 BMS DALI-2 BK (black, similar to RAL 9005)	EP10428449	360°	Ø 8 m	FM			Send values			2		301, 302, 303, 304		IP20	X 108, Z 62	R	•		
PD-C 360i/8 BMS FM DALI-2 (white, similar to RAL 9010)	EP10428807	360°	Ø 8 m	RM			Send values			2		301, 302, 303, 304		IP20	X 108, Z 98	R	•		
PD-C 360i/8 BMS DALI-2 WINSTA Codel (white, similar to RAL 9010)	EP10428487	360°	Ø 8 m	RM			Send values			2		301, 302, 303, 304		IP20	X 108, Z 106	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, 301, 302, 303, 304		IP20	X 108, Z 118	Q	•		
PD-C 360bt/8 APC10 PS plus DALI-2 BK (black, similar to RAL 9005)	EP10428456	360°	Ø 8 m	RM	16	Regulate/Switching	•		4	1		103, 301, 302, 303, 304		IP20	X 108, Z 118	Q	•		
PD-C 360bt/8 APC10 PS plus DALI-2 WINSTA Codel (white, similar to RAL 9010)	EP10428845	360°	Ø 8 m	RM	16	Regulate/Switching	•		4	1		103, 301, 302, 303, 304		IP20	X 108, Z 118	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, 301, 302, 303, 304		IP20	X 108, Z 118	Q	•		
PD-C 360bt/8 APC20 PS plus DALI-2 BK (black, similar to RAL 9005)	EP10428876	360°	Ø 8 m	RM	16	Regulate/Switching	•		4	1		103, 301, 302, 303, 304		IP20	X 108, Z 118	Q	•		
PD-C 360bt/8 APC20 PS plus DALI-2 WINSTA Codel (white, similar to RAL 9010)	EP10428890	360°	Ø 8 m	RM	16	Regulate/Switching	•		4	1		103, 301, 302, 303, 304		IP20	X 108, Z 118	Q	•		

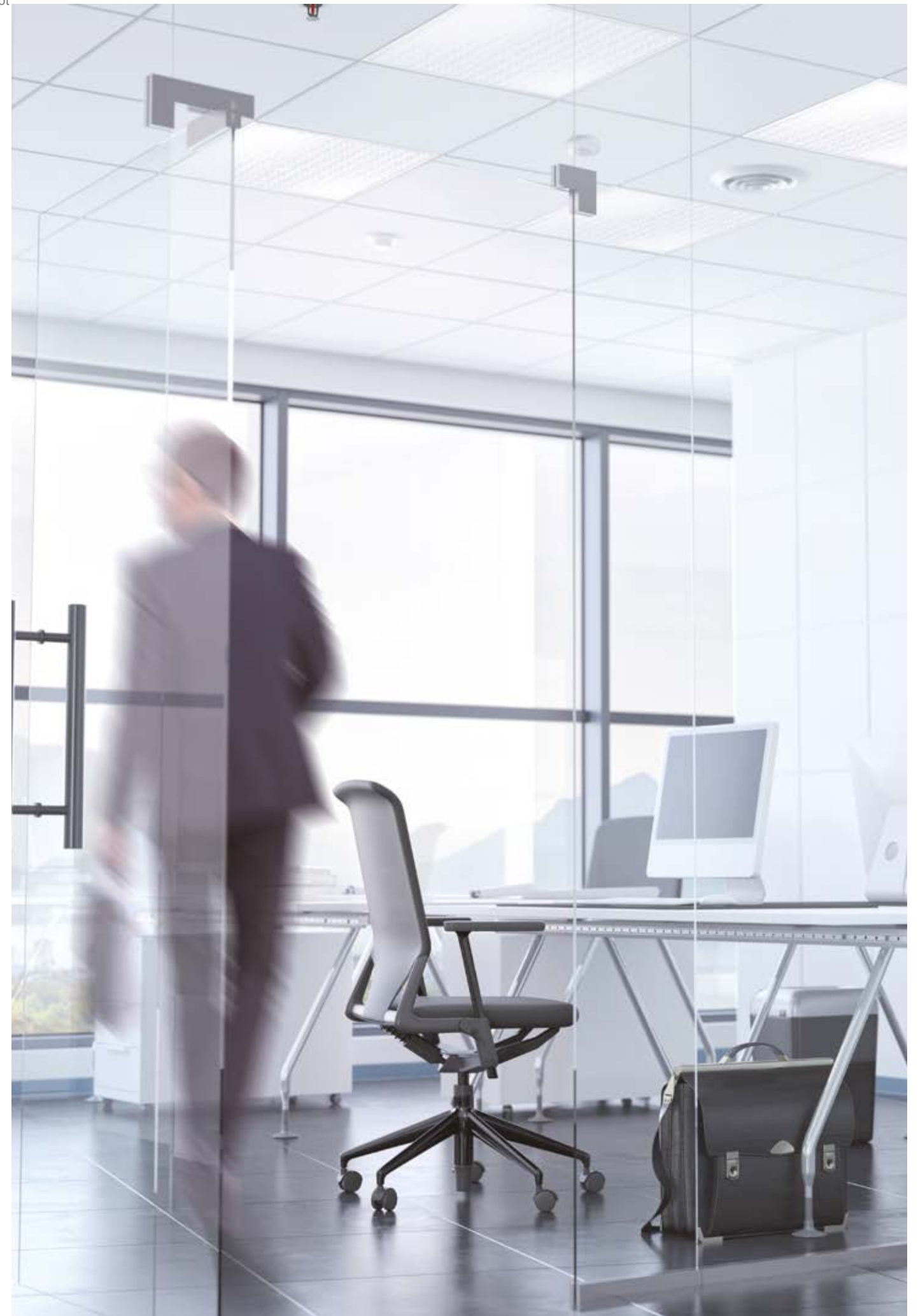
Product group/product name	Item no.	Detection angle	Detection range	Installation type	Number of light channels	Number of light groups	Function	Constant lighting control	SymbiLogic	Push button input lighting	Adjustable switch-off delay time	Number of HVAC-channels	DALI-2 device type	Push button input HVAC	Protection type	Dimensions (mm)	Circuit diagram	Core portfolio	New product
PD-C 360bt/8 APC30 HCL PS plus DALI-2 (white, similar to RAL 9010)	EP10428296	360°	Ø 8 m	RM		16	Regulate/Switching	•		4	1	103, 301, 302, 303, 304		IP20	X 108, Z 118	Q	•	★	
PD-C 360bt/8 APC30 HCL PS plus DALI-2 BK (black, similar to RAL 9005)	EP10428920	360°	Ø 8 m	RM		16	Regulate/Switching	•		4	1	103, 301, 302, 303, 304		IP20	X 108, Z 118	Q	•	★	
PD-C 360bt/8 APC30 HCL PS plus DALI-2 WINSTA Codel (white, similar to RAL 9010)	EP10428944	360°	Ø 8 m	RM		16	Regulate/Switching	•		4	1	103, 301, 302, 303, 304		IP20	X 108, Z 118	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 360/24 BMS DALI-2 BK (black, similar to RAL 9005)	EP10428432	360°	Ø 24 m	FM			Send values			2		301, 302, 303, 304		IP20	X 108, Z 70	R	•		
PD-C 360/24 BMS FM DALI-2 (white, similar to RAL 9010)	EP10428814	360°	Ø 24 m	RM			Send values			2		301, 302, 303, 304		IP20	X 108, Z 106	R	•		
PD-C 360/24 BMS DALI-2 WINSTA Codel (white, similar to RAL 9010)	EP10428494	360°	Ø 24 m	RM			Send values			2		301, 302, 303, 304		IP20	X 108, Z 106	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, 301, 302, 303, 304		IP20	X 108, Z 126	Q	•		
PD-C 360bt/24 APC10 PS plus DALI-2 WINSTA Codel (white, similar to RAL 9010)	EP10428852	360°	Ø 24 m	RM	16	Regulate/Switching	•			4	1	103, 301, 302, 303, 304		IP20	X 108, Z 126	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, 301, 302, 303, 304		IP20	X 108, Z 126	Q	•		
PD-C 360bt/24 APC20 PS plus DALI-2 BK (black, similar to RAL 9005)	EP10428883	360°	Ø 24 m	RM	16	Regulate/Switching	•			4	1	103, 301, 302, 303, 304		IP20	X 108, Z 126	Q	•		
PD-C 360bt/24 APC20 PS plus DALI-2 WINSTA Codel (white, similar to RAL 9010)	EP10428906	360°	Ø 24 m	RM	16	Regulate/Switching	•			4	1	103, 301, 302, 303, 304		IP20	X 108, Z 126	Q	•		
PD-C 360bt/24 APC30 HCL PS plus DALI-2 (white, similar to RAL 9010)	EP10428302	360°	Ø 24 m	RM	16	Regulate/Switching	•			4	1	103, 301, 302, 303, 304		IP20	X 108, Z 126	Q	•	★	
PD-C 360bt/24 APC30 HCL PS plus DALI-2 BK (black, similar to RAL 9005)	EP10428937	360°	Ø 24 m	RM	16	Regulate/Switching	•			4	1	103, 301, 302, 303, 304		IP20	X 108, Z 126	Q	•	★	
PD-C 360bt/24 APC30 HCL PS plus DALI-2 WINSTA I (white, similar to RAL 9010)	EP10428951	360°	Ø 24 m	RM	16	Regulate/Switching	•			4	1	103, 301, 302, 303, 304		IP20	X 108, Z 126	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, 301, 302, 303, 304		IP20	X 108, Z 126	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, 301, 302, 303, 304		IP20	X 108, Z 126	Q	•		
PD-C 360bt/32 APC30 HCL PS plus DALI-2 (white, similar to RAL 9010)	EP10428319	360°	Ø 32 m	RM	16	Regulate/Switching	•			4	1	103, 301, 302, 303, 304		IP20	X 108, Z 126	Q	•	★	

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
Accessories					
Actuator					
ACTUATOR 1x 8A DALI-2	EP10427398	DALI-2 ACTUATOR with integrated relay contact for DALI-2 commands in accordance with IEC 62386-208 (DALI device type 7, D17)	X 59, Y 33, Z 15	•	★
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 S1 IP20 PWH	EP10427107	Cover for wall detector fits with Berker S.1, IP20, polar 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 ELK RS/PLUS IP20 WH	EM10055270	Cover for wall detector fits with Elko RS/PLUS, IP20, white	X 56, Y 56, 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, 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	•	

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
COVER IP44 WH	EM10055157	Cover for wall detectors from the STANDARD series, IP44, white	X 87, Y 87, Z 67	•	
Electrical accessories					
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	•	
Interfaces and gateways					
APC ETHERNET LINK	EP10427695	Enables interaction between multiple DALI lines and central override control. Up to 16 DALI lines can be linked together.	X 216, Y 52, Z 32	•	★
Mounting					
COMPACT APC MOUNTING BOX IP20 SM BK	EP10426285	Surface-mounted box IP20 for COMPACT APC DALI-2	X 103, Z 90	•	
COMPACT APC MOUNTING BOX IP20 SM WH	EP10426278	Surface-mounted box IP20 for COMPACT APC DALI-2	X 103, Z 90	•	
COMPACT APC MOUNTING BOX IP54 SM BK	EP10427190	Surface-mounted box IP54 for COMPACT APC DALI-2	X 130, Y 130, Z 98,7	•	
COMPACT APC MOUNTING BOX IP54 SM GY	EP10427183	Surface-mounted box IP54 for COMPACT APC DALI-2	X 130, Y 130, Z 98,7	•	
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	•	
COMPACT MOUNTING BOX-2 IP54 SM BK	EP10427091	Surface-mounted box for COMPACT series, IP54, black	X 104, Z 68	•	★
COMPACT MOUNTING BOX-2 IP54 SM WH	EP10426216	Surface-mounted box for COMPACT series, IP54, white	X 104, Z 68	•	★
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	•	
Protection					
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	•	
Push button					
PUSH BUTTON x2 DALI-2 WH	EP10431609	2-way button for DALI-2	X 80,5, Y 80,5, Z 21,5	•	
PUSH BUTTON x4 DALI-2 WH	EP10431616	4-way button for DALI-2	X 80,5, Y 80,5, Z 21,5	•	
PUSH BUTTON x6 DALI-2 WH	EP10431623	6-way button for DALI-2	X 80,5, Y 80,5, Z 21,5	•	
PUSH BUTTON x8 DALI-2 WH	EP10431630	8-way button for DALI-2	X 80,5, Y 80,5, Z 21,5	•	
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 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	•	
Repeater, Control gear					
EXPANDER FM PS DALI-2	EP10429927	DALI-2 expansion (expander) for the control of additional DALI-2 control gear via a single DALI address	X 60, Y 33, Z 15	•	★
EXPANDER PS DALI-2	EP10429934	Universal DALI-2 expander for the control of additional DALI-2 control gear via a single DALI address	X 120, Y 30, Z 22	•	★

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
Repeater					
REPEATER PS IEC 62386	EP10431371	Universal signal amplifier (repeater) with integrated bus voltage supply (150 mA) for extending the DALI cable length.	X 170, Y 59, Z 29	•	★
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.		
	When connecting inductors (e.g. relays, contactors, ballasts) the use of a filter (RC-Filter) may be necessary.				
B					
	Standard operation with optional control via a closing button and use of max. ten slave devices to one master device.		When connecting inductors (e.g. relays, contactors, ballasts) the use of a filter (RC-Filter) may be necessary.		
C					
	Master/slave connection for presence detectors: a maximum of 10 slave devices may be connected to one master.		Standard operation with optional control via a closing button.		
D					
	Standard operation with optional control via a closing button and use of max. ten slave devices to one master device.		When connecting inductors (e.g. relays, contactors, ballasts) the use of a filter (RC-Filter) may be necessary.		

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



• Particularly small design for unobtrusive operation

5 YEARS
MANUFACTURER
WARRANTY



ESY

+



Parameterisable with ESY-Pen and ESY-App. More at: esylux.com/esy-pen.

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.

www.nortecnica.pt

INDOOR AUTOMATION / PRESENCE AND MOTION DETECTORS

COMPACT MINI QUALITY SENSOR SYSTEM IN THE SMALLEST FORMAT

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

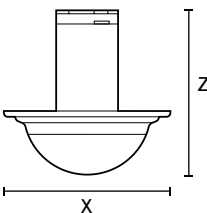
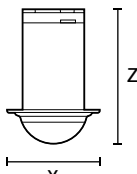
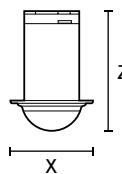
Orientation light function on detectors with DALI or KNX

Smart factory settings for immediate commissioning on remotely controlled variants

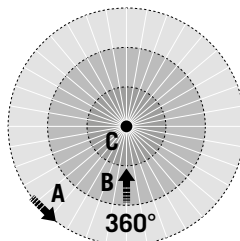
Convenient adjustment using remote control with blue mode technology, e.g. fully/semi-automatic systems, light values, switch-off delay times and button functions

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.

COMPACT MINI
INDOOR AUTOMATION / PRESENCE AND MOTION DETECTORS



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

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

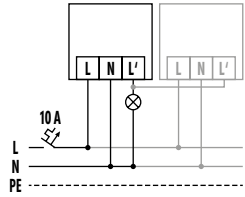
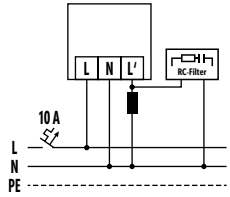
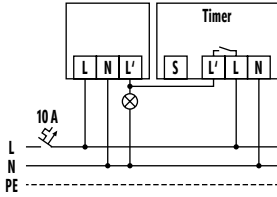
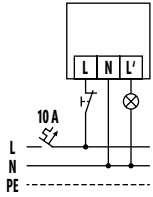
Product group/product name	Item no.	Detection angle	Detection range	Installation type	Number of light channels	Function	Constant lighting control	Push button input lighting	In-rush current	Adjustable switch-off delay time	Number of HVAC-channels	Push button input HVAC	Slave input	Protection type	Dimensions (mm)	Circuit diagram	Core portfolio	New product
Motion detectors / Ceiling mounting / ON/OFF																		
ON/OFF																		
MD-C 360i/6 mini 0.6m (opal matt)	EP10432972	360°	Ø 6 m	RM	1	Switching			5 A / 20 ms	•				IP65	X 25, Z 47	AC	•	★
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			5 A / 20 ms	•				IP65	X 25, Z 47	AW	•	
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/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/12 mini (opal matt)	EP10426018	360°	Ø 12 m	RM	1	Switching	1		800 A / 200 µs	•				IP55	X 58, Z 70	AC	•	
Presence detectors / Ceiling mounting / 12- 36 V UC																		
12- 36 V UC																		
PD-C 360i/8 mini UC (opal matt)	EP10427343	360°	Ø 8 m	RM	1	Switching/Send values	•	1		•				IP55	X 33, Z 60	AH	•	
Presence detectors / Ceiling mounting / KNX																		
KNX																		
PD-C 360i/8 mini LAMELLA KNX BK (black, similar to RAL 9005)	EP10426148	360°	Ø 8 m	RM	2	Switching/Regulate	•	1		•	1	•		IP20	X 33, Z 66	O	•	★
PD-C 360i/8 mini KNX BK (Black, opal matt)	EP10426209	360°	Ø 8 m	RM	2	Switching/Regulate	•	1		•	1	•		IP55	X 33, Z 60	O	•	
PD-C 360i/8 mini LAMELLA KNX WH (white, similar to RAL 9010)	EP10426131	360°	Ø 8 m	RM	2	Switching/Regulate	•	1		•	1	•		IP20	X 33, Z 66	O	•	★
PD-C 360i/8 mini KNX (opal matt)	EP10426155	360°	Ø 8 m	RM	2	Switching/Regulate	•	1		•	1	•		IP55	X 33, Z 60	O	•	
PD-C 360i/12 mini KNX (opal matt)	EP10426162	360°	Ø 12 m	RM	2	Switching/Regulate	•	1		•	1	•		IP55	X 58, Z 70	O	•	
Presence detectors / Ceiling mounting / ON/OFF																		
ON/OFF																		
PD-C 360i/6 mini (opal matt)	EP10425868	360°	Ø 6 m	RM	1	Switching			5 A / 20 ms	•				IP65	X 25, Z 47	AB	•	
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 (opal matt)	EP10426025	360°	Ø 8 m	RM	1	Switching	1		800 A / 200 µs	•			•	IP55	X 33, Z 60	AD	•	
PD-C 360/8 mini Slave (opal matt)	EP10426063	360°	Ø 8 m	RM		Send values								IP55	X 33, Z 60	AE	•	

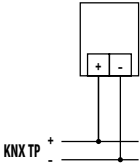
Product group/product name	Item no.	Detection angle	Detection range	Installation type	Number of light channels	Function	Constant lighting control	Push button input lighting	In-rush current	Adjustable switch-off delay time	Number of HVAC-channels	Push button input HVAC	Slave input	Protection type	Dimensions (mm)	Circuit diagram	Core portfolio	New product	
PD-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	Symbolic	Push button input lighting	Adjustable switch-off delay time	Number of HVAC-channels	DALI2 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 mini DALI (opal matt)	EP10427510	360°	Ø 8 m	RM	1		Regulate	•		•	2			IP20	X 33, Z 60		AF	•	
Presence detectors / Ceiling mounting / DALI-2																			
DALI-2																			
PD-C 360/8 mini BMS DALI-2 (opal matt)	EP10423048	360°	Ø 8 m	RM			Send values						303, 304		IP55	X 33, Z 60	AG	•	
PD-C 360/8 mini BMS DALI-2 BK (Black)	EP10423246	360°	Ø 8 m	RM			Send values						303, 304		IP55	X 33, Z 60	AG	•	★
PD-C 360/8 mini LAMELLA BMS DALI-2 WH (white, similar to RAL 9010)	EP10422836	360°	Ø 8 m	RM			Send values						303, 304		IP20	X 33, Z 66	AG	•	★
PD-C 360/8 mini LAMELLA BMS DALI-2 BK (black, similar to RAL 9005)	EP10422843	360°	Ø 8 m	RM			Send values						303, 304		IP20	X 33, Z 66	AG	•	★
Product group/product name	Item no.	Product description													Dimensions (mm)	Core portfolio	New product		
Accessories																			
Accessories																			
COMPACT MINI HOLDER SAPP BK	EP10422867	Bracket for COMPACT MINI LAMELLA presence detectors in Interalu SAPP climate-control baffle ceilings													X 48, Y 41, Z 55	•	★		
COMPACT MINI HOLDER SAPP WH	EP10422850	Bracket for COMPACT MINI LAMELLA presence detectors in Interalu SAPP climate-control baffle ceilings													X 48, Y 41, Z 55	•	★		
COMPACT MINI HOLDER WEC BK	EP10422881	Bracket for COMPACT MINI LAMELLA presence detector in Interalu WEC climate-control baffle ceilings													X 48, Y 93, Z 48	•	★		
COMPACT MINI HOLDER WEC WH	EP10422874	Bracket for COMPACT MINI LAMELLA presence detector in Interalu WEC climate-control baffle ceilings													X 48, Y 93, Z 48	•	★		
Adapter																			
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	•			
Electrical accessories																			
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	•			
Push button																			
PUSH BUTTON x2 DALI-2 WH	EP10431609	2-way button for DALI-2													X 80,5, Y 80,5, Z 21,5	•			
PUSH BUTTON x4 DALI-2 WH	EP10431616	4-way button for DALI-2													X 80,5, Y 80,5, Z 21,5	•			
PUSH BUTTON x6 DALI-2 WH	EP10431623	6-way button for DALI-2													X 80,5, Y 80,5, Z 21,5	•			
PUSH BUTTON x8 DALI-2 WH	EP10431630	8-way button for DALI-2													X 80,5, Y 80,5, Z 21,5	•			

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
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 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	X 6557	•	
Repeater					
REPEATER PS IEC 62386	EP10431371	Universal signal amplifier (repeater) with integrated bus voltage supply (150 mA) for extending the DALI cable length.	X 170, Y 59, Z 29	•	★

AA		
	Standard operation	
AB		
	Standard operation.	Standard operation with the additional possibility of switching on by hand.
AB		
	When connecting inductors (e.g. relays, contactors, ballasts) the use of a filter (RC-Filter) may be necessary.	

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.	When connecting inductors (e.g. relays, contactors, ballasts) the use of a filter (RC-Filter) may be necessary.
AE		
	Master/slave connection for presence detectors: a maximum of 10 slave devices may be connected to one master.	
AF		
	Standard operation.	Master/slave connection for presence detectors: a maximum of 8 slave devices may be connected to one master.
AG		
	Standard operation.	
AH		
		Standard operation with optional control via a closing button.

AW		
	Standard operation with optional parallel wiring of max. eight motion detectors.	An RC filter (A) 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.

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



ESY



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.

Parameterisable with ESY-Pen and ESY-App. More at: esylux.com/esy-pen.

INDOOR AUTOMATION / PRESENCE AND MOTION DETECTORS

COMPACT EXPRESS SPECIAL DESIGN FOR SYSTEM CEILINGS

One-piece housing for fast installation flush to the ceiling in suspended ceilings

Demand-driven lighting switching

Convenient adjustment using remote control (for example fully/semi-automatic, light values or switch-off delay times)

Suitable for controlling LED lights using high-performance relays with tungsten pre-contacts (230 V)

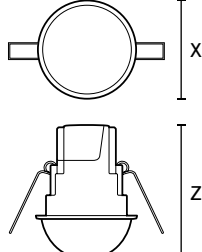
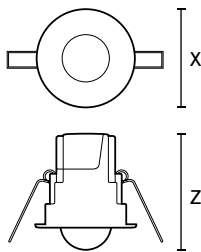
Switching delay prevents switching errors due to temporary variations in brightness, such as those caused by weather conditions

Manual override

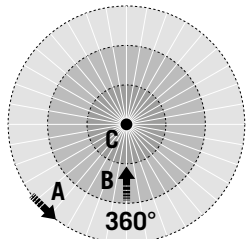
Variants available with pre-assembled connection cables for WAGO WINSTA® and Wieland GST18®



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.

COMPACT EXPRESS
INDOOR AUTOMATION / PRESENCE AND MOTION DETECTORS



- One-piece housing for fast installation flush to the ceiling in suspended ceilings
- Demand-driven lighting switching
- Convenient adjustment using remote control (for example fully/semi-automatic, light values or switch-off delay times)
- Suitable for controlling LED lights using high-performance relays with tungsten pre-contacts (230 V)
- Switching delay prevents switching errors due to temporary variations in brightness, such as those caused by weather conditions
- Manual override
- Variants available with pre-assembled connection cables for WAGO WINSTA® and Wieland GST18®

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 mounting / ON/OFF																		
ON/OFF																		
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 91	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 91	AI	•	
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/24 WIELAND GST18 (opal matt)	EP10510038	360°	Ø 24 m	RM	1	Switching	1		800 A / 200 µs	•				IP40	X 82, Z 99	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	•	
Presence detectors / Ceiling mounting / ON/OFF																		
ON/OFF																		
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 91	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 91	AJ	•	
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 Slave (opal matt)	EP10510748	360°	Ø 8 m	RM		Send values							•	IP40	X 82, Z 24	AK	•	
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 99	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 99	AJ	•	
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 Slave (opal matt)	EP10510755	360°	Ø 24 m	RM		Send values							•	IP40	X 82, Z 32	AK	•	

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
Accessories					
Electrical accessories					
FILTER 230 V	EP10426988	Filter for suppression of inductive loads, such as relays, contactors, fluorescent lamps and transformers	X 62, Y 26, Z 10	•	
Protection					
BASKET GUARD ROUND SMALL	EM10425615	Basket guard for presence and motion detectors and smoke detectors, Ø 165 mm, height 70 mm	X 165, Y 270	•	
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 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	•	

AI		
	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.
AJ		
	Standard operation with optional control via a closing button and use of max. ten slave devices to one master device.	When connecting inductors (e.g. relays, contactors, ballasts) the use of a filter (RC-Filter) may be necessary.
AK		
	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

INDOOR AUTOMATION / PRESENCE AND MOTION DETECTORS

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)

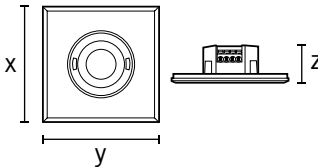
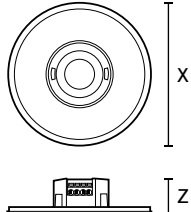
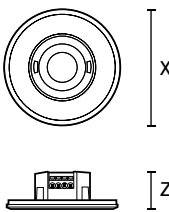
Simple configuration using remote control

Extensive individual configuration options for 47 communication objects (KNX)

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

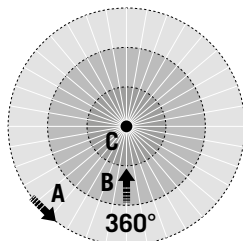
Small junction box provides a large wiring area in every flush-mounted socket

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

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 at: esylux.com/esy-pen.

Note: Technical data for specific products can be found at www.esylux.com.

FLAT

INDOOR AUTOMATION / PRESENCE AND MOTION DETECTORS

- Elegant design with a flat body (6 mm) and low installation depth (24 mm)
- 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
Motion detectors / Ceiling mounting / ON/OFF																		
ON/OFF																		
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 µs	•				IP20	X 94, Z 78	S	•	
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 µs	•				IP20	X 94, Z 78	S	•	
MD-FLAT 360i/8 LARGE ROUND BK (black, similar to RAL 9004)	EP10428746	360°	Ø 8 m	FM	1	Switching		1	78 A / 5 µs	•				IP20	X 104, 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 µs	•				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 µs	•				IP20	X 94, Z 78	S	•	
MD-FLAT 360i/8 ROUND BLACK (black, similar to RAL 9004)	EP10428074	360°	Ø 8 m	FM	1	Switching		1	78 A / 5 µs	•				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 µs	•				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 µs	•				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 µs	•				IP20	X 77, Y 77, Z 30	S	•	
Presence detectors / Ceiling mounting / KNX																		
KNX																		
PD-FLAT 360i/8 LARGE ROUND WHITE FM KNX (white, similar to RAL 9010)	EP10423239	360°	Ø 8 m	RM	2	Switching/Regulate	•	1	78 A / 5 µs	•	1	•	•	IP20	X 104, Z 76	O	•	
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 76	O	•	
PD-FLAT 360i/8 ROUND WHITE FM KNX (white, similar to RAL 9010)	EP10423222	360°	Ø 8 m	RM	2	Switching/Regulate	•	1	78 A / 5 µs	•	1	•	•	IP20	X 94, Z 76	O	•	
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	O	•	
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	O	•	
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	O	•	
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	O	•	
Presence detectors / Ceiling mounting / ON/OFF																		
ON/OFF																		
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 µs	•				IP20	X 94, Z 78	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 µs	•				IP20	X 94, Z 78	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 BK (black, similar to RAL 9004)	EP10428753	360°	Ø 8 m	FM	1	Switching		1	78 A / 5 µs	•				IP20	X 104, Z 30	T	•	
PD-FLAT 360i/8 LARGE ROUND WHITE (white, similar to RAL 9010)	EP10428623	360°	Ø 8 m	FM	1	Switching		1	78 A / 5 µs	•				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 µs	•				IP20	X 94, Z 78	T	•	
PD-FLAT 360i/8 ROUND BLACK (black, similar to RAL 9004)	EP10427954	360°	Ø 8 m	FM	1	Switching		1	78 A / 5 µs	•				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 µs	•				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 µs	•				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 µs	•				IP20	X 77, Y 77, Z 30	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	SymbL logic	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-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																			
DALI-2																			
PD-FLAT 360/8 RW BMS DALI-2 (white, similar to RAL 9010)	EP10423031	360°	Ø 8 m	FM			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			Send values			1		301, 302, 303, 304		IP20	X 77, Y 77, Z 30	Z	•		
PD-FLAT 360/8 ROUND WHITE BMS FM DALI-2 (white, similar to RAL 9010)	EP10423208	360°	Ø 8 m	RM			Send values			1		301, 302, 303, 304		IP20	X 94, Z 76	Z	•		
PD-FLAT-L 360/8 RW BMS DALI-2 (white, similar to RAL 9010)	EP10423055	360°	Ø 8 m	FM			Send values			1		301, 302, 303, 304		IP20	X 104, Z 30	Z	•		
PD-FLAT 360/8 LARGE ROUND WHITE BMS FM DALI-2 (white, similar to RAL 9010)	EP10423215	360°	Ø 8 m	RM			Send values			1		301, 302, 303, 304		IP20	X 104, Z 76	Z	•		
PD-FLAT 360/8 RW BMS DALI-2 WINSTA CodeI (white, similar to RAL 9010)	EP10428869	360°	Ø 8 m	RM			Send values			1		301, 302, 303, 304		IP20	X 94, Z 76	Z	•		

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
Accessories					
Cover					
FLAT COVER LARGE ROUND BK	EP10428098	Cover for FLAT series, Ø104 mm, round, black	X 104, Z 5	•	
FLAT COVER LARGE ROUND WH	EP10428579	Cover for FLAT series, Ø104 mm, round, white	X 104, Z 5	•	
FLAT COVER ROUND BK	EP00007279	Cover for FLAT series, round, black	X 94, Z 6	•	
FLAT COVER ROUND WH	EP00007231	Cover for FLAT series, round, white	X 94, Z 6	•	
FLAT COVER SQUARE WH	EP00007248	Cover for FLAT series, square, white	X 77, Y 77, Z 6	•	

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
FLAT LENS MASK	EP00007392	Spare part lens mask for PD-FLAT WH products	X 42, Z 7	•	
Electrical accessories					
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	•	
Mounting					
COMPACT APC MOUNTING BOX IP20 SM BK	EP10426285	Surface-mounted box IP20 for COMPACT APC DALI-2	X 103, Z 90	•	
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	•	
Protection					
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	•	
Push button					
PUSH BUTTON x2 DALI-2 WH	EP10431609	2-way button for DALI-2	X 80,5, Y 80,5, Z 21,5	•	
PUSH BUTTON x4 DALI-2 WH	EP10431616	4-way button for DALI-2	X 80,5, Y 80,5, Z 21,5	•	
PUSH BUTTON x6 DALI-2 WH	EP10431623	6-way button for DALI-2	X 80,5, Y 80,5, Z 21,5	•	
PUSH BUTTON x8 DALI-2 WH	EP10431630	8-way button for DALI-2	X 80,5, Y 80,5, Z 21,5	•	
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 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	X 6557	•	
Repeater					
REPEATER PS IEC 62386	EP10431371	Universal signal amplifier (repeater) with integrated bus voltage supply (150 mA) for extending the DALI cable length.	X 170, Y 59, Z 29	•	★

0	
	Standard operation.

S		
	Standard operation with optional control via a closing button and parallel wiring of max. 8 devices	When connecting inductors (e.g. relays, contactors, ballasts) the use of a filter (RC-Filter) may be necessary.
T		
	Standard operation with optional control via a closing button and parallel wiring of max. 8 devices	When connecting inductors (e.g. relays, contactors, ballasts) the use of a filter (RC-Filter) may be necessary.
U		
	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.



Parameterisable with ESY-Pen and ESY-App. More at: esylux.com/esy-pen.

INDOOR AUTOMATION / PRESENCE AND MOTION DETECTORS

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

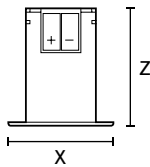
Manual override with DALI push buttons possible

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.

FLAT MINI

INDOOR AUTOMATION / PRESENCE AND MOTION DETECTORS

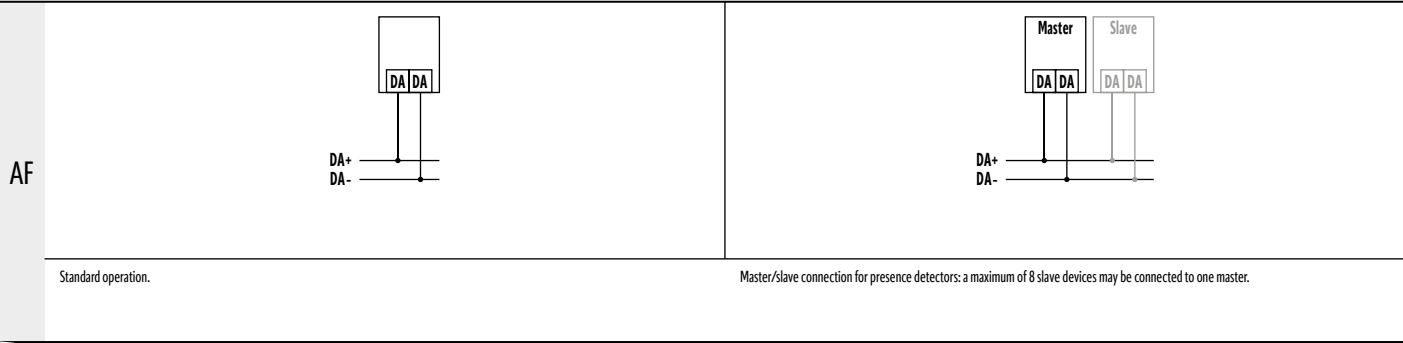


- Particularly unobtrusive with a flat lens, an installation height of only 3 mm and a diameter of 33 mm
- Automatic DALI light control at a constant brightness level, depending on presence and daylight (constant light control)
- Immediately ready for use thanks to pre-installed factory settings
- Automatic 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	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-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
Accessories					
Electrical accessories					
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	•	
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 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	•	



- Proven technology and simple installation
- Suitable for controlling LED lights

3 YEARS
MANUFACTURER
WARRANTY



ESY



The tried-and-tested technology in the Standard series is suitable for many different applications in buildings. Multiple variants of the presence and motion detector enable flexible application due to the different fields of detection, installation types and further details.

Parameterisable with ESY-Pen and ESY-App. More at: esylux.com/esy-pen.

www.nortecnica.pt

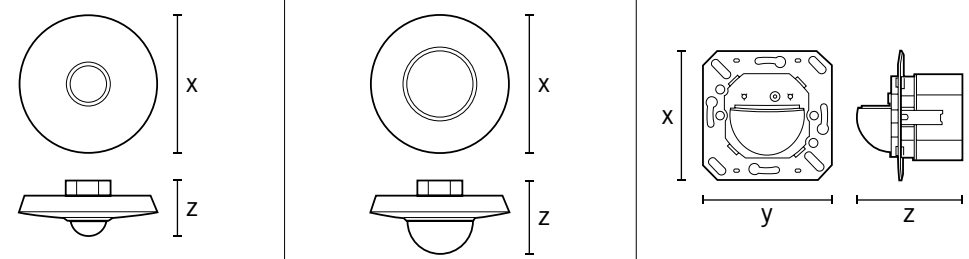
INDOOR AUTOMATION / PRESENCE AND MOTION DETECTORS

STANDARD

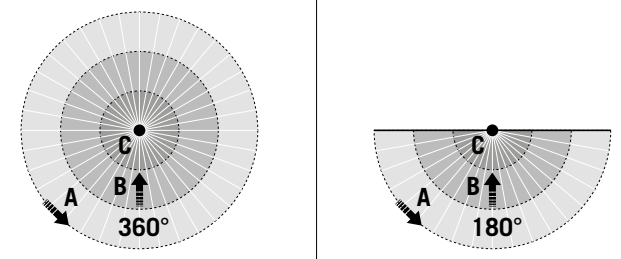
FIELD-TESTED AND FUTURE-PROOF



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 4 m	Ø 8 m	Ø 6 m
■ Presence area (C)	Ø 3 m	Ø 6 m	Ø 4 m

Note: Technical data for specific products can be found at www.esylux.com.

STANDARD
INDOOR AUTOMATION / PRESENCE AND MOTION DETECTORS



- Two-part housing with sensor head and power box for quick and easy installation
- Variants for recessed ceiling mounting and flush mounting; surface mounting with accessories
- Demand-driven light switching
- Setting options using remote control ("i" versions) or adjustment control, e.g. fully automatic/semi-automatic, light values, switch-off delay times and button functions
- Optimised for the control of LED lights via high-performance relay with tungsten pre-contact (230 V)
- Manual override with staircase lighting function for detectors with push button input
- Push terminals with through-wiring option
- Large wiring space due to low overall height of the power box
- Wall-mounted variants compatible with common brands of switch series for a harmonious look

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 mounting / ON/OFF																		
ON/OFF																		
MD 360i/8 (white, similar to RAL 9010)	EM10055324	360°	Ø 8 m	FM	1	Switching			100 A / 200 ms	•				IP20	X 140, Z 63	AM	•	
MD 360i/24 (white, similar to RAL 9010)	EM10055300	360°	Ø 24 m	FM	1	Switching		1	450 A / 200 µs	•				IP20	X 140, Z 75	AL	•	
Motion detectors / Wall mounting / ON/OFF																		
ON/OFF																		
MD 180i/R (opal matt)	EM10055010	180°	Ø 16 m	FM	1	Switching		1	800 A / 200 µs	•			•	IP20	X 70, Y 70, Z 55	AN	•	
Presence detectors / Ceiling mounting / ON/OFF																		
ON/OFF																		
PD 360i/8 (white, similar to RAL 9010)	EM10425004	360°	Ø 8 m	FM	1	Switching		1	800 A / 200 µs	•	1		•	IP20	X 140, Z 63	AO	•	
PD 360i/8 Slave (white, similar to RAL 9010)	EM10425028	360°	Ø 8 m	FM		Send values								IP20	X 140, Z 63	AP	•	
PD 360i/24 (white, similar to RAL 9010)	EM10425103	360°	Ø 24 m	FM	1	Switching		1	800 A / 200 µs	•	1		•	IP20	X 140, Z 75	AO	•	
PD 360i/24 Slave (white, similar to RAL 9010)	EM10425127	360°	Ø 24 m	FM		Send values								IP20	X 140, Z 75	AP	•	
Presence detectors / Wall mounting / ON/OFF																		
ON/OFF																		
PD 180i/R (opal matt)	EM10410017	180°	Ø 16 m	FM	1	Switching		1	800 A / 200 µs	•	1		•	IP20	X 70, Y 70, Z 55	AR	•	
MD/PD 180 Slave (opal matt)	EM10410024	180°	Ø 16 m	FM		Send values								IP20	X 70, Y 70, Z 55	AS	•	

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
Accessories					
Cover					
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 BUJ REF IP20 WH	EP10427145	Cover for wall detector fits with Busch-Jäger Reflex, IP20, white	X 55, Y 55, Z 27	•	
COVER ELK RS/PLUS IP20 WH	EM10055270	Cover for wall detector fits with Elko RS/PLUS, IP20, white	X 56, Y 56, 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, 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	•	
Electrical accessories					
FILTER 230 V	EP10426988	Filter for suppression of inductive loads, such as relays, contactors, fluorescent lamps and transformers	X 62, Y 26, Z 10	•	
Mounting					
MOUNTING BOX IP44 SM WH	EM10055164	Surface-mounted box for wall detectors from the STANDARD series, IP44, white	X 87, Y 87, Z 49	•	
STANDARD MOUNTING BOX IP54 SM WH	EM10425400	Surface-mounted box for the STANDARD series, IP54, white	X 127, Z 21	•	
Protection					
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	•	
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 MDi/PDi	EM10425509	IR remote control for presence detectors and motion detectors	X 100, Y 50, Z 9	•	

Standard operation with optional parallel wiring of max. six devices.	When connecting inductors (e.g. relays, contactors, ballasts) the use of a filter (A) may be necessary.
Standard operation with automatic stairwell light.	

AM		
	Standard operation with optional parallel wiring of max. six devices.	When connecting inductors (e.g. relays, contactors, ballasts) the use of a filter (A) may be necessary.
AN		
	Standard operation with optional control via a closing button, and use of max. six slave devices to one master device.	Standard operation with optional control via a closing button and parallel wiring of max. five devices.
AO		
	Standard operation with optional control via a closing button, and use of max. six slave devices to one master device.	Master/slave connection for presence detectors: a maximum of 6 slave devices may be connected to one master.
AR		
	Standard operation with optional control via a closing button, and use of max. six slave devices to one master device.	Master/slave connection for presence detectors: a maximum of 6 slave devices may be connected to one master.



- 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 at: esylux.com/esy-pen.

www.nortecnica.pt

INDOOR AUTOMATION / PRESENCE AND MOTION DETECTORS

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

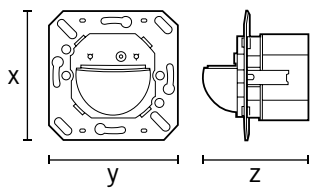
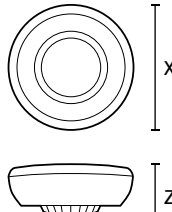
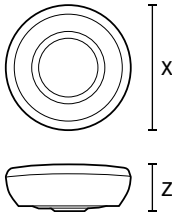
Wide range of installation options (ceiling, surface-mounted box, wall mounting)

Covers and frame for wall detector available as an accessory

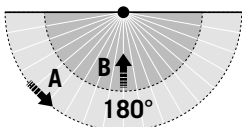
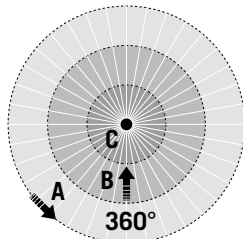
Compatible with conventional brand switch systems for a uniform design

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.

BASIC
INDOOR AUTOMATION / PRESENCE AND MOTION DETECTORS

- 
- 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
Motion detectors / Ceiling mounting / ON/OFF																		
ON/OFF																		
MD 360i/8 BASIC IP54 (white, similar to RAL 9010)	EB10431319	360°	Ø 8 m	SM	1	Switching	1		78 A / 5 µs	•				IP54	X 102, Z 51	V	•	
MD 360/8 BASIC IP54 (white, similar to RAL 9010)	EB10431340	360°	Ø 8 m	SM	1	Switching	1		78 A / 5 µs	•				IP54	X 102, Z 51	V	•	
MD 360i/8 BASIC SMB (white, similar to RAL 9010)	EB10430466	360°	Ø 8 m	SM	1	Switching	1		78 A / 5 µs	•				IP40	X 102, Z 51	V	•	
MD 360/8 BASIC FM (white, similar to RAL 9010)	EB10431708	360°	Ø 8 m	RM	1	Switching	1		78 A / 5 µs	•				IP40	X 102, Z 95	V	•	
MD 360/8 BASIC SMB (white, similar to RAL 9010)	EB10430497	360°	Ø 8 m	SM	1	Switching	1		78 A / 5 µs	•				IP40	X 102, Z 51	V	•	
MD 360i/8 BASIC (white, similar to RAL 9010)	EB10430428	360°	Ø 8 m	SM, FM	1	Switching	1		78 A / 5 µs	•				IP40	X 102, Z 34	V	•	
MD 360/8 BASIC (white, similar to RAL 9010)	EB10430404	360°	Ø 8 m	SM, FM	1	Switching	1		78 A / 5 µs	•				IP40	X 102, Z 34	V	•	
MD 360i/24 BASIC IP54 (white, similar to RAL 9010)	EB10431326	360°	Ø 24 m	SM	1	Switching	1		78 A / 5 µs	•				IP54	X 102, Z 71	V	•	
MD 360i/24 BASIC SMB (white, similar to RAL 9010)	EB10430909	360°	Ø 24 m	SM	1	Switching	1		78 A / 5 µs	•				IP40	X 102, Z 71	V	•	
MD 360/24 BASIC IP54 (white, similar to RAL 9010)	EB10431333	360°	Ø 24 m	SM	1	Switching	1		78 A / 5 µs	•				IP54	X 102, Z 71	V	•	
MD 360/24 BASIC SMB (white, similar to RAL 9010)	EB10430886	360°	Ø 24 m	SM	1	Switching	1		78 A / 5 µs	•				IP40	X 102, Z 71	V	•	
MD 360/24 BASIC FM (white, similar to RAL 9010)	EB10431715	360°	Ø 24 m	RM	1	Switching	1		78 A / 5 µs	•				IP40	X 102, Z 115	V	•	
MD 360i/24 BASIC (white, similar to RAL 9010)	EB10430862	360°	Ø 24 m	SM, FM	1	Switching	1		78 A / 5 µs	•				IP40	X 102, Z 54	V	•	
MD 360/24 BASIC (white, similar to RAL 9010)	EB10430848	360°	Ø 24 m	SM, FM	1	Switching	1		78 A / 5 µs	•				IP40	X 102, Z 54	V	•	
Motion detectors / Wall mounting / ON/OFF																		
ON/OFF																		
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 53	X	•	
Presence detectors / Ceiling mounting / ELC																		
ELC																		
PD 360i/8 BASIC ELC (white, similar to RAL 9010)	EB10431357	360°	Ø 8 m	SM, FM	4	Switching/Regulate	•			•	2			IP20	X 102, Z 34	Y	•	
Presence detectors / Ceiling mounting / KNX																		
KNX																		

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 360/8 KNX BASIC (white, similar to RAL 9010)	EB10430442	360°	Ø 8 m	SM, FM	1	Switching				•		•	IP40	X 102, Z 34		O	•	
PD 360/8 BASIC FM KNX (white, similar to RAL 9010)	EB10431746	360°	Ø 8 m	RM	1	Switching				•		•	IP40	X 102, Z 95		O	•	
Presence detectors / Ceiling mounting / ON/OFF																		
ON/OFF																		
PD 360i/8 BASIC SMB (white, similar to RAL 9010)	EB10430473	360°	Ø 8 m	SM	1	Switching	1		78 A / 5 µs	•				IP40	X 102, Z 51	W	•	
PD 360/8 BASIC IP54 (white, similar to RAL 9010)	EB10431302	360°	Ø 8 m	SM	1	Switching	1		78 A / 5 µs	•				IP54	X 102, Z 51	W	•	
PD 360/8 BASIC SMB (white, similar to RAL 9010)	EB10430480	360°	Ø 8 m	SM	1	Switching	1		78 A / 5 µs	•				IP40	X 102, Z 51	W	•	
PD 360i/8 BASIC (white, similar to RAL 9010)	EB10430435	360°	Ø 8 m	SM, FM	1	Switching	1		78 A / 5 µs	•				IP40	X 102, Z 34	W	•	
PD 360/8 BASIC (white, similar to RAL 9010)	EB10430411	360°	Ø 8 m	SM, FM	1	Switching	1		78 A / 5 µs	•				IP40	X 102, Z 34	W	•	
PD 360i/8 BASIC IP54 (white, similar to RAL 9010)	EB10431272	360°	Ø 8 m	SM	1	Switching	1		78 A / 5 µs	•				IP54	X 102, Z 51	W	•	
PD 360i/24 BASIC IP54 (white, similar to RAL 9010)	EB10431296	360°	Ø 24 m	SM	1	Switching	1		78 A / 5 µs	•				IP54	X 102, Z 71	W	•	
PD 360i/24 BASIC SMB (white, similar to RAL 9010)	EB10430916	360°	Ø 24 m	SM	1	Switching	1		78 A / 5 µs	•				IP40	X 102, Z 71	W	•	
PD 360/24 BASIC IP54 (white, similar to RAL 9010)	EB10431289	360°	Ø 24 m	SM	1	Switching	1		78 A / 5 µs	•				IP54	X 102, Z 71	W	•	
PD 360/24 BASIC SMB (white, similar to RAL 9010)	EB10430893	360°	Ø 24 m	SM	1	Switching	1		78 A / 5 µs	•				IP40	X 102, Z 71	W	•	
PD 360i/24 BASIC (white, similar to RAL 9010)	EB10430879	360°	Ø 24 m	SM, FM	1	Switching	1		78 A / 5 µs	•				IP40	X 102, Z 54	W	•	
PD 360/24 BASIC (white, similar to RAL 9010)	EB10430855	360°	Ø 24 m	SM, FM	1	Switching	1		78 A / 5 µs	•				IP40	X 102, Z 54	W	•	
Presence detectors / Wall mounting / DALI-2																		
DALI-2																		
PD 180/16 BASIC BMS DALI-2	EB10432101	180°	Ø 16 m	FM		Send values			2		303, 304, 301, 302			IP20	X 53, Y 70, Z 70	R	•	★
Accessories																		
Accessories																		
BASIC MOUNTING BOX IP20 SM WH	EB10423147					Surface-mounted box for BASIC series, IP20, white									X 102, Z 29		•	
Adapter																		
BASIC SPACER WH	EB10423130					Spacer for BASIC series, white, compatible with BASIC IP40 variants									X 78,2, Y 26,6, Z 16		•	
Cover																		
BASIC 24 LENS MASK	EB10423109					Lens mask 24 m									X 69, Z 26		•	
BASIC 8 LENS MASK	EB10423093					Lens mask 8 m									X 46, Z 7		•	
BASIC IP54 24 LENS MASK	EB10423505					Lens mask 24 m IP54									X 60, Z 25		•	
BASIC IP54 8 LENS MASK	EB10423512					Lens mask 8 m IP54									X 40, Z 7		•	
COVER BER MOD2 IP20 WH	EP10427138					Cover for wall detector fits with Berker module 2, IP20, white									X 55, Y 55, Z 27		•	

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
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 BUJ REF IP20 WH	EP10427145	Cover for wall detector fits with Busch-Jäger Reflex, IP20, white	X 55, Y 55, Z 27	•	
COVER ELK RS/PLUS IP20 WH	EM10055270	Cover for wall detector fits with Elko RS/PLUS, IP20, white	X 56, Y 56, 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, 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	•	
Electrical accessories					
FILTER 230 V	EP10426988	Filter for suppression of inductive loads, such as relays, contactors, fluorescent lamps and transformers	X 62, Y 26, Z 10	•	
Mounting					
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	•	
Protection					
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	•	
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 MDi/PDi	EM10425509	IR remote control for presence detectors and motion detectors	X 100, Y 50, Z 9	•	

O		R	
	Standard operation.		Standard operation with optional control via a closing button. Maximum line length from button to presence detector: 30 m.
V			
	Standard with optional control via a closing button and parallel wiring of max. 8 devices.		When connecting inductors (e.g. relays, contactors, ballasts) the use of a filter (RC-Filter) may be necessary.

W		
	Standard with optional control via a closing button and parallel wiring of max. six devices.	When connecting inductors (e.g. relays, contactors, ballasts) the use of a filter (RC-Filter) may be necessary.
X		
	Standard with optional control via a closing button and parallel wiring of max. six devices.	When connecting inductors (e.g. relays, contactors, ballasts) the use of a filter (RC-Filter) may be necessary.
Y		
	Standard operation.	

- High-quality technology at an entry-level price
- Fast recessed ceiling mounting without accessories
- Discreet appearance thanks to installation flush to the ceiling

5 YEARS
MANUFACTURER
WARRANTY



The presence and motion detectors in the BASIC EXPRESS series provide a simple entry point for intelligent, demand-driven light control. Their one-piece housing allows for fast, flush-mounted installation in suspended ceilings. Zero-cross switching means the relay is protected when the LED lighting is switched, improving energy efficiency and convenience even when the budget is limited – or in building areas where simpler functionality is sufficient.

INDOOR AUTOMATION / PRESENCE AND MOTION DETECTORS

BASIC EXPRESS

SIMPLE ENERGY EFFICIENCY FOR CEILING SYSTEMS

Demand-driven switching of lighting

Flush-mounted installation in suspended ceilings without accessories

Zero-cross switching for LED lighting to protect the relay

Switching delay prevents switching faults caused by temporary changes in brightness

Push button input

Through-wiring with double diaphragm cable entry for cables up to 2.5 mm²

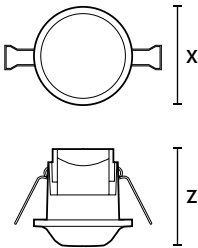
Protection type IP23

Ready for use immediately with factory settings

Easy to configure via remote control or using the ESY-Pen and ESY-App



PRODUCT TYPES



FIELD OF DETECTION	DETECTION RANGE	
		Ceiling 8 m
	Diagonally (A)	Ø 8 m
	Frontal (B)	Ø 5 m
	Presence area (C)	Ø 4 m

Note: Technical data for specific products can be found at www.esylux.com.

BASIC EXPRESS
INDOOR AUTOMATION / PRESENCE AND MOTION DETECTORS



- Demand-driven switching of lighting
- Flush-mounted installation in suspended ceilings without accessories
- Zero-cross switching for LED lighting to protect the relay
- Switching delay prevents switching faults caused by temporary changes in brightness
- Push button input
- Through-wiring with double diaphragm cable entry for cables up to 2.5 mm²
- Protection type IP23
- Ready for use immediately with factory settings
- Easy to configure via remote control or using the 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
Motion detectors / Ceiling mounting / ON/OFF																		
ON/OFF																		
BASIC EXPRESS MD 360° 08 IR 1C FM IP23 WH (white, similar to RAL 9010)	EB10431777	360°	Ø 8 m	RM		Switching	1		78 A / 5 µs	•				IP23	X 79, Z 79	CY	•	
10x BASIC EXPRESS MD 360° 08 IR 1C FM IP23 WH (white, similar to RAL 9010)	EB10431791	360°	Ø 8 m	RM		Switching	1		78 A / 5 µs	•				IP23	X 79, Z 79	CY	•	
BASIC EXPRESS MD 360° 08 IR 1C FM IP23 WH GST18 (white, similar to RAL 9010)	EB10431814	360°	Ø 8 m	RM			1		78 A / 5 µs					IP23	X 79, Z 79	AI	•	★
Presence detectors / Ceiling mounting / ON/OFF																		
ON/OFF																		
BASIC EXPRESS PD 360° 08 IR 1C FM IP23 WH (white, similar to RAL 9010)	EB10431784	360°	Ø 8 m	RM		Switching	1		78 A / 5 µs	•				IP23	X 79, Z 79	CY	•	
10x BASIC EXPRESS PD 360° 08 IR 1C FM IP23 WH (white, similar to RAL 9010)	EB10431807	360°	Ø 8 m	RM		Switching	1		78 A / 5 µs	•				IP23	X 79, Z 79	CY	•	
BASIC EXPRESS PD 360° 08 IR 1C FM IP23 WH GST18 (white, similar to RAL 9010)	EB10431821	360°	Ø 8 m	RM			1		78 A / 5 µs					IP23	X 79, Z 79	AI	•	★

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
Accessories					
Cover					
BASIC EXPRESS LENS MASK	EB10431838	Lens mask 8 m	X 80, Z 20,5	•	★
Electrical accessories					
FILTER 230 V	EP10426988	Filter for suppression of inductive loads, such as relays, contactors, fluorescent lamps and transformers	X 62, Y 26, Z 10	•	
Protection					
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	•	
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	•	

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
REMOTE CONTROL MDi/PDi	EM10425509	IR remote control for presence detectors and motion detectors	X 100, Y 50, Z 9	•	

AI		
	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.
CY		
	Standard operation with automatic stairwell light and optional control via a closing button.	When connecting inductors (e.g. relays, contactors, ballasts) the use of a filter (RC-Filter) may be necessary.

• 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.

www.nortecnica.pt

INDOOR AUTOMATION / BRIGHTNESS CONTROLLER

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

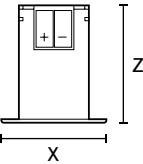
Flat lens with an installation height of only 3 mm and a diameter of 33 mm

Light channels can be configured extensively

With orientation light and twilight switch function



PRODUCT TYPES



Note: Technical data for specific products can be found at www.esylux.com.

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	Switching/Regulate	•							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		•

0

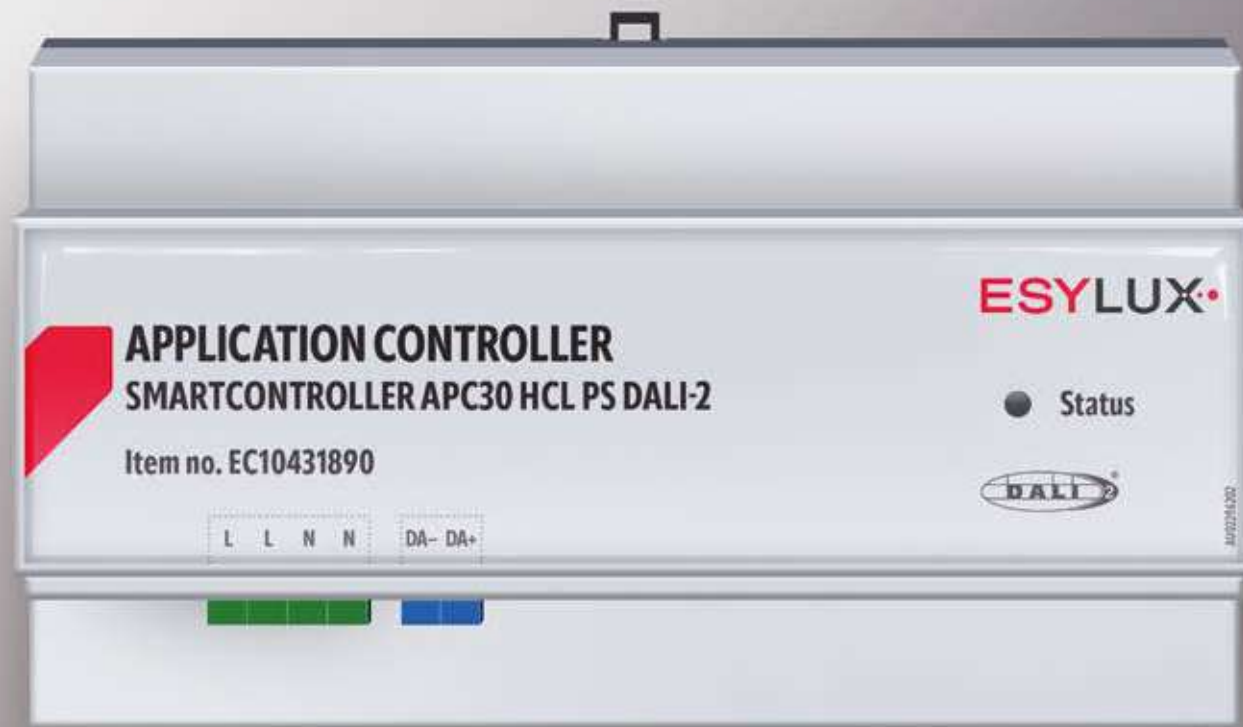
KNX TP

Standard operation.



- DALI-2 control unit (APC = Application Controller) in top-hat rail housing for cross-room lighting control of up to 16 groups
- Integrated bus power supply for up to 64 control gears and 24 input devices (250 mA)
- Quick start with factory settings in broadcast mode

5 YEARS
MANUFACTURER
WARRANTY



SMARTCONTROLLERS provide an intelligent control unit and are a key component of the DALI-2 solutions from ESYLUX. An integrated bus voltage supply for up to 64 control gears and 24 input devices enables automated, cross-room control of up to 16 lighting groups. Combined with the sensor technology of the presence detectors, the SMARTCONTROLLERS offer several configurations for improved convenience and energy efficiency for example, with constant light control, swarm function or energy-efficient Human Centric Lighting. Configuration is easy using the ESY-App and Bluetooth.

INDOOR AUTOMATION / CONTROLS

SMARTCONTROLLER INTELLIGENT, CROSS-ROOM CONTROL OF DALI-2 LIGHTING. ESY!

DALI-2 control unit (APC = application controller) in DIN rail housing for cross-room light control of up to 16 groups

Integrated bus voltage supply for up to 64 control gears and 24 input devices (250 mA)

Quick start using factory settings in broadcast mode

Easy configuration using the ESY-App via bidirectional Bluetooth interface

Groups created with factory settings immediately ready for use

Presence- and daylight-dependent constant light control

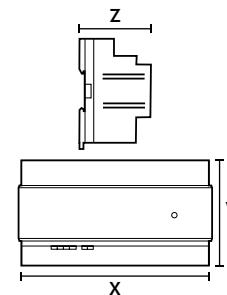
Flexible switching of groups if the use of the room changes

Additional functions depending on specification level, e.g. swarm function, standby switch-off, control depending on the day of the week or time of day, Human Centric Lighting

Various options for manual override and up to 16 scenes

Easy documentation and management of configured projects using the ESY-App (e.g. as a PDF report)

PRODUCT TYPES



Note: Technical data for specific products can be found at www.esylux.com.

SMARTCONTROLLER
INDOOR AUTOMATION / CONTROLS



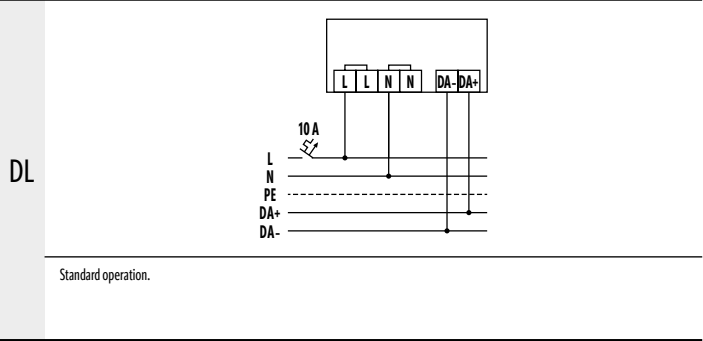
- DALI-2 control unit (APC = application controller) in DIN rail housing for cross-room light control of up to 16 groups
- Integrated bus voltage supply for up to 64 control gears and 24 input devices (250 mA)
- Quick start using factory settings in broadcast mode
- Easy configuration using the ESY-App via bidirectional Bluetooth interface
- Groups created with factory settings immediately ready for use
- Presence- and daylight-dependent constant light control
- Flexible switching of groups if the use of the room changes
- Additional functions depending on specification level, e.g. swarm function, standby switch-off, control depending on the day of the week or time of day, Human Centric Lighting
- Various options for manual override and up to 16 scenes
- Easy documentation and management of configured projects using the ESY-App (e.g. as a PDF report)

Depending on specification level:

- Adaptive HCL light control for energy-efficient Human Centric Lighting (SymbiLogic)
- Day of the week and time of day control options per group
- Energy-saving, time-controllable standby switch-off for DALI control gears
- Swarm function for increased comfort in the workplace
- Central functions for area- or building-wide override
- Night mode with extensive configuration options, e.g. for health facilities
- Alarm functions that can be triggered manually or automatically

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
Controls / APC																			
SMARTCONTROLLER APC10 PS DALI-2 (light grey)	EC10431876							•				•				X 157, Y 86, Z 58	DL	•	★
SMARTCONTROLLER APC20 PS DALI-2 (light grey)	EC10431883							•				•				X 157, Y 86, Z 58	DL	•	★
SMARTCONTROLLER APC30 HCL PS DALI-2 (light grey)	EC10431890							•				•				X 157, Y 86, Z 58	DL	•	★

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
Actuator					
ACTUATOR 1x 8A DALI-2	EP10427398	DALI-2 ACTUATOR with integrated relay contact for DALI-2 commands in accordance with IEC 62386-208 (DALI device type 7, DT7)	X 59, Y 33, Z 15	•	★
Interfaces and gateways					
APC ETHERNET LINK	EP10427695	Enables interaction between multiple DALI lines and central override control. Up to 16 DALI lines can be linked together.	X 216, Y 52, Z 32	•	★
Push button					
PUSH BUTTON x2 DALI-2 WH	EP10431609	2-way button for DALI-2	X 80,5, Y 80,5, Z 21,5	•	
PUSH BUTTON x4 DALI-2 WH	EP10431616	4-way button for DALI-2	X 80,5, Y 80,5, Z 21,5	•	
PUSH BUTTON x6 DALI-2 WH	EP10431623	6-way button for DALI-2	X 80,5, Y 80,5, Z 21,5	•	
PUSH BUTTON x8 DALI-2 WH	EP10431630	8-way button for DALI-2	X 80,5, Y 80,5, Z 21,5	•	
Repeater, Control gear					
EXPANDER FM PS DALI-2	EP10429927	DALI-2 expansion (expander) for the control of additional DALI-2 control gear via a single DALI address	X 60, Y 33, Z 15	•	★
EXPANDER PS DALI-2	EP10429934	Universal DALI-2 expander for the control of additional DALI-2 control gear via a single DALI address	X 120, Y 30, Z 22	•	★
Repeater					
REPEATER PS IEC 62386	EP10431371	Universal signal amplifier (repeater) with integrated bus voltage supply (150 mA) for extending the DALI cable length.	X 170, Y 59, Z 29	•	★



- Universal compatibility due to stand-alone mounting or networking

5 YEARS
MANUFACTURER
WARRANTY



The Protector series provides comprehensive protection against typical hazards in buildings.

www.nortecnica.pt

INDOOR AUTOMATION / SMOKE ALARM

PROTECTOR

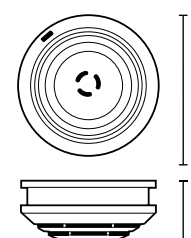
SMART TECHNOLOGY FOR SUSTAINABLE SAFETY

Smoke detector

Universal compatibility due to stand-alone mounting or networking



PRODUCT TYPES



Note: Technical data for specific products can be found at www.esylux.com.

PROTECTOR
INDOOR AUTOMATION / SMOKE ALARM

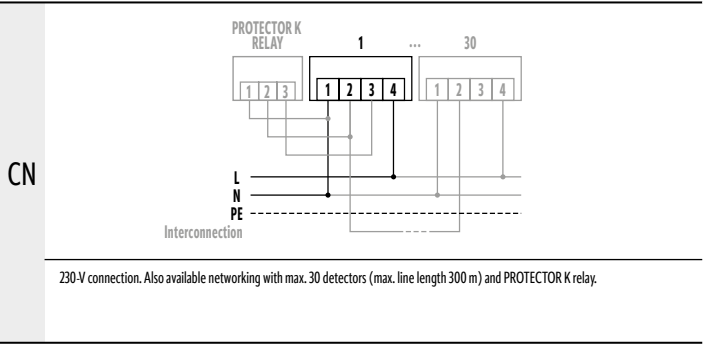
- Smoke detector
- Universal compatibility due to stand-alone mounting or networking



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
Smoke alarm / Ceiling mounting / ON/OFF													
PROTECTOR K 230 V ~ (white, similar to RAL 9010)	ER10018947	SM								X 106, Z 48	CN	•	★

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
Electrical accessories					
PROTECTOR K 230 V ~ Relay	ER10018961	Relay for PROTECTOR K series for switching external devices, such as sirens, flashing lamps, signal horns	X 41, Y 28, Z 23	•	★
Mounting					
PROTECTOR K MOUNTING BOX 20 SM WH	ER10018992	Surface-mounted box for PROTECTOR K series, 20 mm	X 106, Z 20	•	
PROTECTOR K MOUNTING BOX 27 SM WH	ER10018985	Surface-mounted box for PROTECTOR K series, 27 mm	X 106, Z 27	•	
Protection					
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	•	

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
Spare parts					
Cable					
PROTECTOR K 230 V ~ CONNECTION CABLE	ER10019081	Connecting cable for smoke alarm.	X 170, Y 17, Z 23	•	★
Mounting					
PROTECTOR K 230 V ~ MOUNTING PLATE	ER10019074	Mounting plate for smoke alarm.	X 106, Z 8	•	★
Protection, Cover					
PROTECTOR K 230 V ~ DUST PROTECTION	ER10019067	Dust cover for smoke alarm	X 110, Z 46	•	★



- Light color flexibly switchable between 3000 and 4000 K
- DALI-2 certified drivers for energy-efficient lighting control
- High luminous efficacy of up to 144 lm/W



High luminous efficacy, long LED service life, IP54 – the JUNA series shows how even standard lighting can stand out from the crowd. The uniform, glare-free light and switchable light color allow the recessed lights to be used flexibly in offices, educational institutions, or healthcare facilities. The mounting accessories ensure compatibility with any ceiling type.

JUNA

EFFICIENT, DURABLE, AND FLEXIBLE LIGHTING

Recessed lights for system ceilings with visible or concealed mounting rails

DALI-2-certified drivers for energy-efficient light control, with simple plug connection

High luminous efficacy of up to 144 lm/W

Homogeneous, glare-free illumination due to flat backlight arrangement and coordinated lenses

Robust metal housing with low height of 28 mm and front made from a single piece

Light color flexibly switchable between 3000 and 4000 K

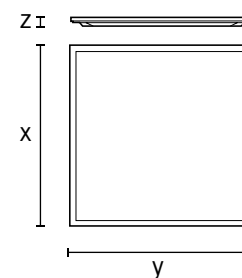
Large junction box on the driver facilitates connection and further wiring with cable cross-sections of up to 2.5 mm²

Long LED service life of over 100,000 h L80B50 at 25 °C

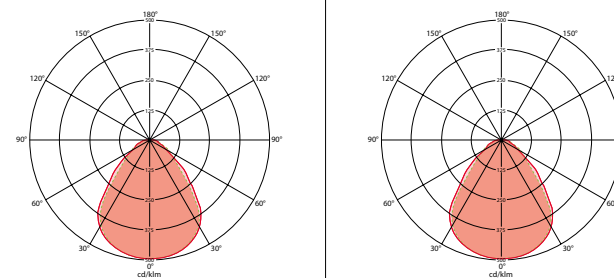
Suitable for use in computer workstations due to UGR ≤ 19

High-quality opal, microprismatic diffuser made of PS plastic

PRODUCT TYPES



LIGHT DISTRIBUTION



■ C0, ■ C90, ■ C0 / C90

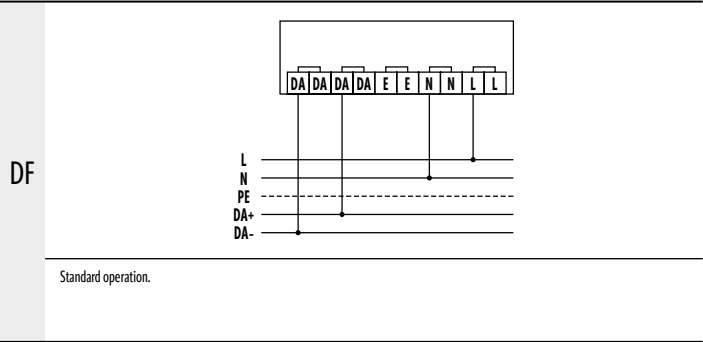
Note: Technical data for specific products can be found at www.esylux.com.



- Recessed lights for system ceilings with visible or concealed mounting rails
- Light color flexibly switchable between 3000 and 4000 K
- DALI-2-certified drivers for energy-efficient light control, with simple plug connection
- Large junction box on the driver facilitates connection and further wiring with cable cross-sections of up to 2.5 mm²
- High luminous efficacy of up to 144 lm/W
- Long LED service life of over 100,000 h L80B50 at 25 °C
- Homogeneous, glare-free illumination due to flat backlight arrangement and coordinated lenses
- Suitable for use in computer workstations due to UGR ≤ 19
- Robust metal housing with low height of 28 mm and front made from a single piece<sup>i>
- High-quality opal, micropismatic diffuser made of PS plastic
- Room-side protection type IP54 for recessed mounting
- SwitchDIM function for conventional push buttons
- Mounting frame, installation frame, mounting clip set, suspension sets and bracket for metal ceilings as optional accessories
- Optional emergency light module for safety lighting with long-life LiFePO4 battery (3h) and automatic testing

Product group/product name	Item no.	Light colour (IEC1231)	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
600 x 600 mm																	
JUNA PNL 600 DDP OP 4000 830/840 IP54 DALI-2 (white, similar to RAL 9016)	EQ10600432	830/840	4200 lm	29 W	144 lm/W	≤19	DDP	OP	IP54	DALI-2				X 595, Y 595, Z 28	DF	•	★

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
Accessories					
Mounting					
DROP PROTECTION	EQ10600500	Fall protection set with 2 steel cables, 1000 mm, for fastening JUNA recessed lights to the fixed ceiling behind the system ceiling.	X 1000Z	•	★
JUNA MOUNTING CLIPS SET RM	EQ10600494	Mounting clip set for JUNA LED recessed lights for sawn ceiling openings	X 45, Y 35, Z 31	•	★
JUNA MOUNTING FRAME 600 FM WH	EQ10600470	Recessed ceiling frame for JUNA LED recessed lights for sawn ceiling openings	X 632, Y 632, Z 31	•	★
JUNA MOUNTING FRAME 600 SM WH	EQ10600456	Ceiling mounting frame for JUNA LED recessed lights	X 600, Y 600, Z 65	•	★
PENDULUM SET 1000	EQ10600166	Y-Cable suspension for JUNA series	X 1000Z	•	★
PENDULUM SET 1200	EQ10600159	Cable suspension for JUNA series	X 1200Z	•	★



- 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.

INDOOR LIGHTING / RECESSED LIGHTS

CELINE-2

LIGHT QUALITY FOR THE MOST DEMANDING VISUAL TASKS

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

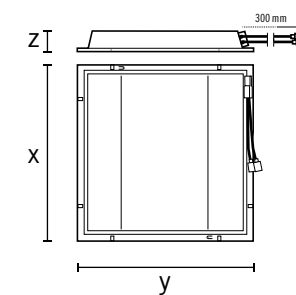
Suitable for screen-based work places in accordance with DIN EN 12464-1 (UGR ≤ 19)

Flicker-free lighting for healthy, fatigue-free working

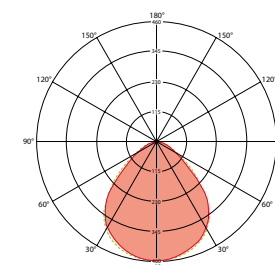
Accessories: Ceiling installation frame and surface-mounted ceiling frame (600 x 600)

Robust, durable metal housing

PRODUCT TYPES



LIGHT DISTRIBUTION



□ C0, □ C90, ■ C0 / C90

Note: Technical data for specific products can be found at 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 ≤ 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

Product group/product name	Item no.	Light colour (IEC1231)	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
2700 - 6500 K / 600 x 600 mm / 30 W																	
CELINE-2 PNL 600 DDP OP 3800 8TW IP20 ELC (white, similar to RAL 9016)	EQ10132322	8TW	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 4200 8TW IP20 ELC (white, similar to RAL 9016)	EQ10132353	8TW	4600 lm	33 W	139 lm/W	< 19	DDP	TR	IP20	ELC			LED EEL E	X 596, Y 596, Z 65		•	
3000 K / 600 x 600 mm / 30 W																	
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		•	
4000 K / 600 x 600 mm / 30 W																	
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
Accessories					
Control gear					
DRIVER-SET 30W 700mA RJ45	EQ10127878	Plug-and-play LED driver set ON/OFF 30 W	X 119, Y 42,5, Z 28	•	
DRIVER-SET 30W 700mA RJ45 DALI-2	EQ10127793	Plug-and-play LED driver set 30 W DALI-2	X 103, Y 68,5, Z 31	•	
DRIVER-SET 30W 700mA RJ45 WAGO WINSTA DALI-2	EQ10127809	Plug-and-play LED driver set 30 W DALI-2, WAGO WINSTA	X 103, Y 68,5, Z 31	•	
DRIVER-SET 30W 700mA RJ45 WIELAND GST DALI-2	EQ10127816	Plug-and-play LED driver set 30 W DALI-2, WIELAND GST	X 103, Y 68,5, Z 31	•	
DRIVER-SET TW 32W 700mA RJ45 DALI-2 DT8	EQ10127847	Plug-and-play LED driver set DALI-2 DT8	X 117, Y 45,5, Z 29	•	

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
DRIVER-SET TW 32W 700mA RJ45 WAGO WINSTA DALI-2 DT8	EQ10127830	Plug-and-play LED driver set DALI-2 DT8, WAGO WINSTA	X 117, Y 45,5, Z 29	•	
DRIVER-SET TW 32W 700mA RJ45 WIELAND GST DALI-2 DT8	EQ10127823	Plug-and-play LED driver set DALI-2 DT8, WIELAND GST	X 117, Y 45,5, Z 29	•	
Mounting					
MOUNTING FRAME 600 FM WH	EQ10113086	Flush-mounted ceiling installation frame 600 for panel lights	X 635,4, Y 635,4, Z 48,7	•	
MOUNTING FRAME 600/625 SM WH	EQ10113468	Surface-mounted ceiling installation frame 600/625 for panel lights	X 627,2, Y 627,2, Z 100	•	
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	•	



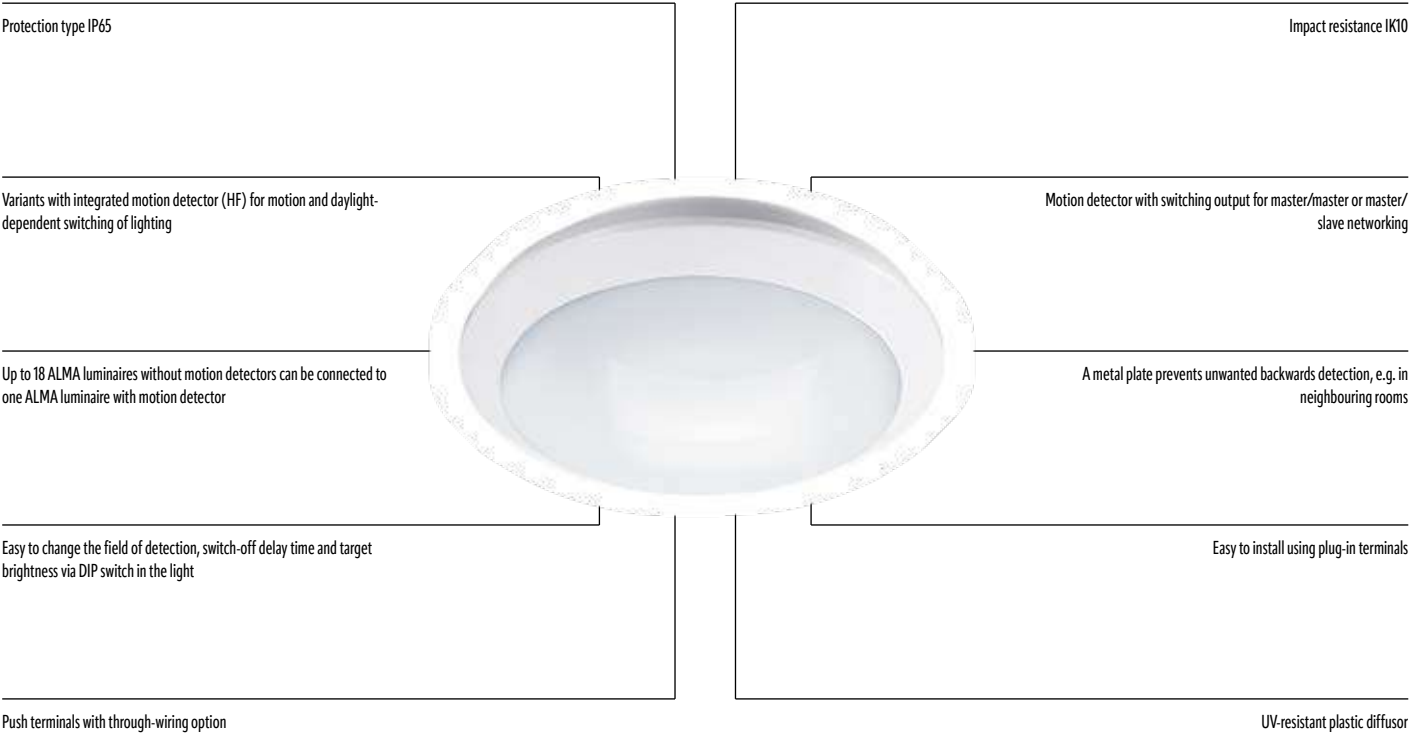
- Particularly resistant version with IK10 and IP65
- Variants with integrated motion detector, optimised to control additional LED lights

5 YEARS
MANUFACTURER
WARRANTY

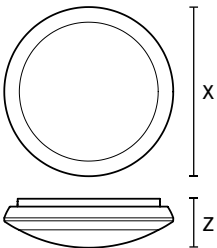
The lights in the ALMA series are suitable for anywhere that requires robust yet stylish wall lighting or ceiling lighting. With IP65 protection type and IK10 impact resistance, these lights deliver continuous functionality even in adverse conditions, and the variants with integrated, invisible movement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

ALMA

ELEGANT, ROBUST, OPTIONALLY INTELLIGENT



PRODUCT TYPES



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

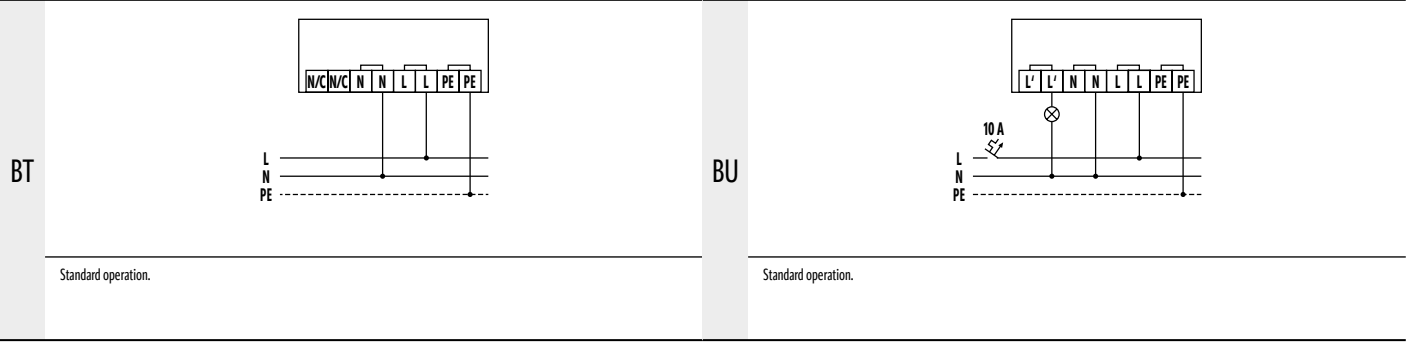
■ C0, ■ C90, ■ C0 / C90

Note: Technical data for specific products can be found at www.esylux.com.



- 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
- Up to 18 ALMA luminaires without motion detectors can be connected to one ALMA luminaire with motion detector
- 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

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
3000 K																	
ALMA WCL 300 OP 1600 830 IP65 (white, similar to RAL 9003)	EO10850318	830	1600 lm	15,5 W	103 lm/W	≤22	OP	IP65	ON/OFF				LED EEL C	X 300, Z 87	BT	•	
ALMA WCL 300 OP 1600 830 IP65 MD (white, similar to RAL 9003)	EO10850301	830	1600 lm	16 W	100 lm/W	≤22	OP	IP65	ON/OFF			•	LED EEL C	X 300, Z 87	BU	•	
4000 K																	
ALMA WCL 300 OP 1600 840 IP65 (white, similar to RAL 9003)	EO10850332	840	1600 lm	15,5 W	103 lm/W	≤22	OP	IP65	ON/OFF				LED EEL C	X 300, Z 87	BT	•	
ALMA WCL 300 OP 1600 840 IP65 MD (white, similar to RAL 9003)	EO10850325	840	1600 lm	16 W	100 lm/W	≤22	OP	IP65	ON/OFF			•	LED EEL C	X 300, Z 87	BU	•	





- Variants with integrated motion detector, optimised to control up to 3 additional LED lights

3 YEARS
MANUFACTURER
WARRANTY

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.

www.nortecnica.pt

INDOOR LIGHTING / WALL AND CEILING LIGHTS

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

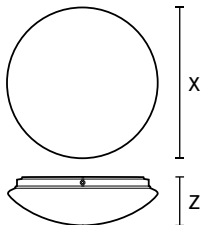
Easy to change the field of detection, switch-off delay time and target brightness via DIP switch in the light

Diffuser made from UV-resistant plastic, impact protection IK07

Flicker-free light

Available with protection types IP20 or IP44

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

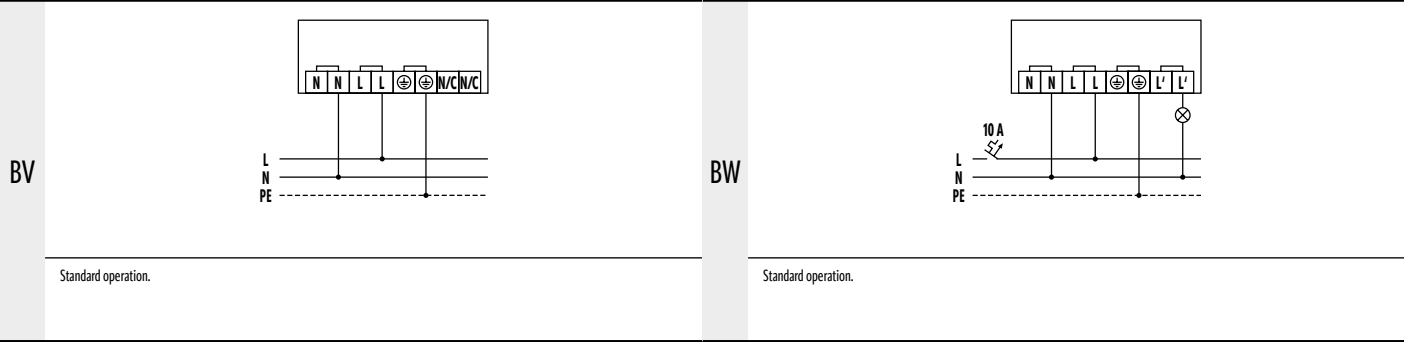
Note: Technical data for specific products can be found at www.esylux.com.

ELLEN
INDOOR LIGHTING / WALL AND CEILING LIGHTS



- 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

Product group/product name	Item no.	Light colour (IEC1231)	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
3000 K																	
ELLEN WCL 300 OP 1500 830 IP20 (white)	EO10850011	830	1450 lm	11 W	131 lm/W	≤22	OP	IP20	ON/OFF				LED EEC C	X 300, Z 95	BV	•	
ELLEN WCL 300 OP 1500 830 IP20 MD (white)	EO10850004	830	1450 lm	11,5 W	126 lm/W	≤22	OP	IP20	ON/OFF			•	LED EEC C	X 300, Z 95	BW	•	
ELLEN WCL 300 OP 1500 830 IP44 (white)	EO10850097	830	1450 lm	11 W	131 lm/W	≤22	OP	IP44	ON/OFF				LED EEC C	X 300, Z 95	BV	•	
ELLEN WCL 300 OP 1500 830 IP44 MD (white)	EO10850080	830	1450 lm	11,5 W	126 lm/W	≤22	OP	IP44	ON/OFF			•	LED EEC C	X 300, Z 95	BW	•	
4000 K																	
ELLEN WCL 300 OP 1600 840 IP20 (white)	EO10850073	840	1550 lm	11 W	140 lm/W	≤22	OP	IP20	ON/OFF				LED EEC C	X 300, Z 95	BV	•	
ELLEN WCL 300 OP 1600 840 IP20 MD (white)	EO10850066	840	1550 lm	11,5 W	134 lm/W	≤22	OP	IP20	ON/OFF			•	LED EEC C	X 300, Z 95	BW	•	
ELLEN WCL 300 OP 1600 840 IP44 (white)	EO10850110	840	1550 lm	11 W	140 lm/W	≤22	OP	IP44	ON/OFF				LED EEC C	X 300, Z 95	BV	•	
ELLEN WCL 300 OP 1600 840 IP44 MD (white)	EO10850103	840	1550 lm	11,5 W	134 lm/W	≤22	OP	IP44	ON/OFF			•	LED EEC C	X 300, Z 95	BW	•	



5 YEARS
MANUFACTURER
WARRANTY

- High lighting quality in timeless, modern design
- Indirect light makes lights appear to float on the ceiling
- Tunable White variants for energy-efficient HCL light control with DALI-2



High light quality, visual comfort through perfect glare suppression, easy to install: This is what characterises the SVENJA series LED surface-mounted lights. With a timeless, modern design, a high proportion of indirect light and the appearance of floating lights, they are ideal for use as atmospheric lighting solutions in social areas such as foyers, assembly halls, break areas and canteens. DALI-2 variants deliver presence and daylight dependent constant light control in schools, residential homes, hospitals and offices.

SVENJA

FUNCTIONAL DESIGN, FLOATING LIGHT

Flat surface-mounted LED lights in diameters of 450, 600 and 900 mm

High-quality, powder-coated aluminium housing

DALI-2 variants with fixed light colour for presence and daylight dependent constant light control or with Tunable White (2700-6500 K)

Manual change of light colour and brightness of Tunable White luminaires possible via ESYLUX push-button

Indirect light component of 35 % improves the impression of the room and makes luminaires appear to float below the ceiling (SVENJA Tunable White Ø 900 mm without indirect light component)

Homogeneous, glare-free illumination and long LED service life thanks to flat backlight arrangement and harmonised lenses

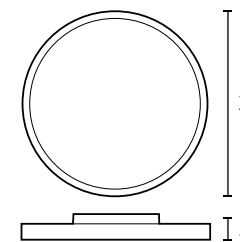
DALI-2 variants with fixed light colour have the SwitchDIM function (Ø 900 mm)

Simple installation thanks to two-part structure with snap lock

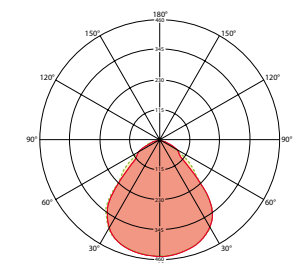
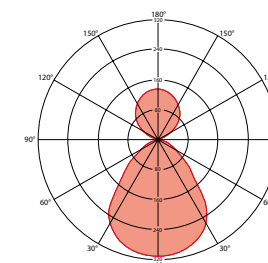
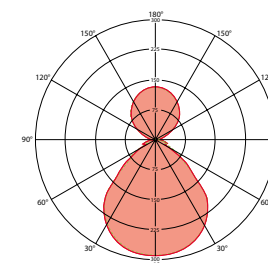
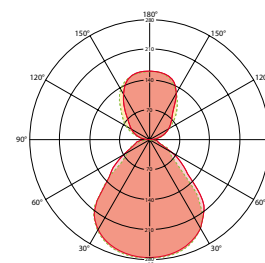
Variants with diameters of 450 and 600 mm can be installed by one person

Suspended mounting with wire suspension set (2 m) or tube suspension set (1 m) - can be shortened in length as an optional accessory

PRODUCT TYPES



LIGHT DISTRIBUTION



■ C0, ■ C90, ■ C0 / C90

Note: Technical data for specific products can be found at www.esylux.com.



- Flat surface-mounted LED lights in diameters of 450, 600 and 900 mm
- High-quality, powder-coated aluminium housing
- DALI-2 variants with fixed light colour for presence and daylight dependent constant light control or with Tunable White (2700-6500 K)
- Manual change of light colour and brightness of Tunable White luminaires possible via ESYLUX push-button
- Indirect light component of 35 % improves the impression of the room and makes luminaires appear to float below the ceiling (SVENJA Tunable White Ø 900 mm without indirect light component)
- Homogeneous, glare-free illumination and long LED service life thanks to flat backlight arrangement and harmonised lenses
- DALI-2 variants with fixed light colour have the SwitchDIM function (Ø 900 mm)
- Simple installation thanks to two-part structure with snap lock
- Variants with diameters of 450 and 600 mm can be installed by one person
- Suspended mounting with wire suspension set (2 m) or tube suspension set (1 m) - can be shortened in length as an optional accessory

Product group/product name	Item no.	Light colour (IEC1231)	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
450 mm																	
SVENJA CL 450 DDP OP 3300 830 IP20 (white, similar to RAL 9003)	EO10850592	830	3300 lm	30 W	110 lm/W	<19	DDP	OP	IP20	ON/OFF			LED EEL D	X 450, Z 82	BF	•	
SVENJA CL 450 DDP OP 3300 830 IP20 DALI-2 (white, similar to RAL 9003)	EO10850608	830	3300 lm	30 W	110 lm/W	<19	DDP	OP	IP20	DALI-2			LED EEL D	X 450, Z 82	CV	•	
SVENJA CL 450 DDP OP 3400 840 IP20 (white, similar to RAL 9003)	EO10850615	840	3400 lm	30 W	113 lm/W	<19	DDP	OP	IP20	ON/OFF			LED EEL D	X 450, Z 82	BF	•	
SVENJA CL 450 DDP OP 3400 840 IP20 DALI-2 (white, similar to RAL 9003)	EO10850622	840	3400 lm	30 W	113 lm/W	<19	DDP	OP	IP20	DALI-2			LED EEL D	X 450, Z 82	CV	•	
SVENJA CL 450 DDP OP 3400 8TW IP20 DALI-2 DT8 (white, similar to RAL 9003)	EO10850585	8TW	3400 lm	31 W	109 lm/W	<19	DDP	OP	IP20	DALI-2			LED EEL C	X 450, Z 82	CW	•	
600 mm																	
SVENJA CL 600 DDP OP 5600 830 IP20 DALI-2 (white, similar to RAL 9003)	EO10850646	830	5600 lm	46,5 W	120 lm/W	<19	DDP	OP	IP20	DALI-2			LED EEL D	X 600, Z 82	CV	•	
SVENJA CL 600 DDP OP 5700 840 IP20 DALI-2 (white, similar to RAL 9003)	EO10850653	840	5700 lm	46,5 W	122 lm/W	<19	DDP	OP	IP20	DALI-2			LED EEL D	X 600, Z 82	CV	•	
SVENJA CL 600 DDP OP 5600 8TW IP20 DALI-2 DT8 (white, similar to RAL 9003)	EO10850639	8TW	5600 lm	48 W	116 lm/W	<19	DDP	OP	IP20	DALI-2			LED EEL C	X 600, Z 82	CW	•	
900 mm																	
SVENJA CL 900 DDP OP 9400 830 IP20 DALI-2 (white, similar to RAL 9003)	EO10850684	830	9400 lm	80 W	117 lm/W	<19	DDP	OP	IP20	DALI-2			LED EEL D	X 900, Z 87	CV	•	
SVENJA CL 900 DDP OP 9600 840 IP20 DALI-2 (white, similar to RAL 9003)	EO10850660	840	9600 lm	80 W	120 lm/W	<19	DDP	OP	IP20	DALI-2			LED EEL D	X 900, Z 87	CV	•	
SVENJA CL 900 DDP OP 7000 8TW IP20 DALI-2 DT8 (white, similar to RAL 9003)	EO10850677	8TW	7000 lm	60 W	116 lm/W	<19	DDP	OP	IP20	DALI-2			LED EEL C	X 900, Z 87	CW	•	★

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
Accessories					
Electrical accessories					
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	•	
Mounting					
SVENJA POLE PENDULUM SET 1000	EO10850561	Pendulum set with centrally mounted tube, transparent 5-pole connection cable and round ceiling canopy	X 100020	•	
SVENJA WIRE PENDULUM SET 2000	EO10850578	Pendulum kit with 3 wire cables, transparent 5-pole connection cable and round ceiling canopy	X 20002	•	
Push button					
PUSH BUTTON x8 TW	EO10431388	DALI Broadcast 8 x push button Tunable White for manual override of luminaires with DALI-2 DT8 drivers	X 80,5, Y 80,5, Z 21,5	•	

BF			Standard operation.	
CV			Standard operation DALI/DALI-2.	
			Standard operation with optional SwitchDIM (PushDIM) function.	
CW			Standard operation DALI/DALI-2.	
			Standard operation with optional SwitchDIM (PushDIM) function.	

- Variants with Tunable White for energy-efficient Human Centric Lighting
- DALI-2 certified drivers for energy-efficient lighting control
- High luminous efficacy of up to 148 lm/W

5 YEARS
MANUFACTURER
WARRANTY

INDOOR LIGHTING / CEILING LIGHTS

LENJA

IMPLEMENTING SOOTHING LIGHTING IN AN ENERGY-EFFICIENT WAY

Flat ceiling-mounted luminaires in powder-coated metal housing with front made from a single piece

Versions with Tunable White (2700-6500 K) or with fixed light color (3000 or 4000 K)

DALI-2-certified drivers for energy-efficient lighting control

High luminous efficacy of up to 148 lm/W

Long LED service life of up to 100,000 h L80B50 at 25 °C

Homogeneous, glare-free illumination due to backlight arrangement of the LEDs

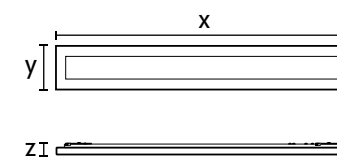
High-quality opal, microprismatic diffuser made of PC plastic

Suitable for computer workstations due to UGR ≤ 19

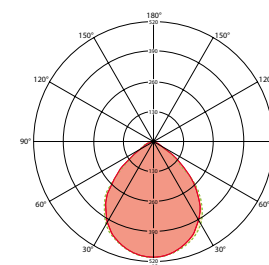
Protection type IP44 enables use in sanitary/ancillary rooms and prevents insects from entering

Manual adjustment of light color and brightness of Tunable White luminaires via ESYLUX push button possible

PRODUCT TYPES



LIGHT DISTRIBUTION



■ C0, ■ C90, ■ C0 / C90

Note: Technical data for specific products can be found at www.esylux.com.

From classrooms and office spaces to retirement homes: thanks to their high luminous efficacy, LENJA surface-mounted luminaires are ideal for the energy-efficient modernization of numerous applications—and with their Tunable White variants, they provide Human Centric Lighting that promotes health and motivation. Protection type IP44 allows the homogeneous and glare-free light to be used in sanitary facilities as well. A demand-driven DALI 2 light management system from ESYLUX makes the most of the long LED service life.

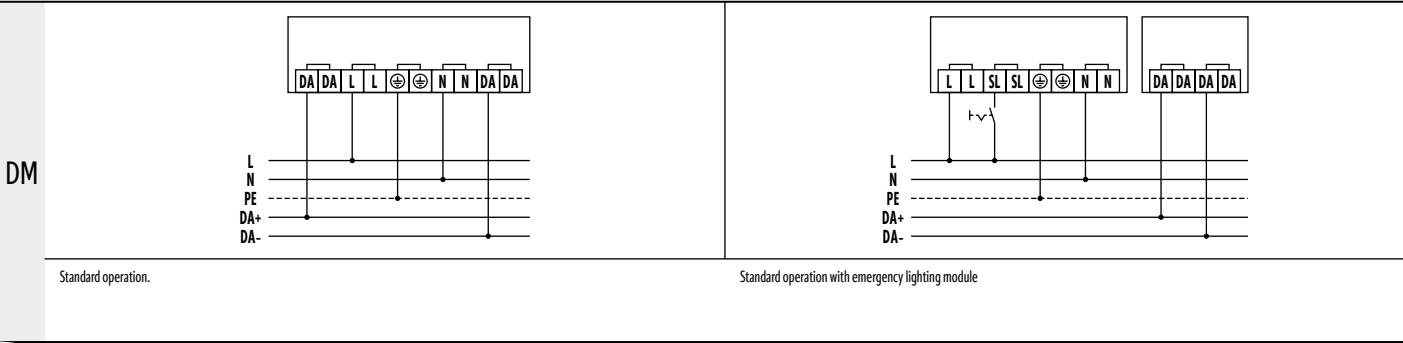
LENJA
INDOOR LIGHTING / CEILING LIGHTS



- Flat ceiling-mounted luminaires in powder-coated metal housing with front made from a single piece
- Versions with Tunable White (2700-6500 K) or with fixed light color (3000 or 4000 K)
- DALI-2-certified drivers for energy-efficient lighting control
- High luminous efficacy of up to 148 lm/W
- Long LED service life of up to 100,000 h L80B50 at 25 °C
- Homogeneous, glare-free illumination due to backlight arrangement of the LEDs
- High-quality opal, microprismatic diffuser made of PC plastic
- Suitable for computer workstations due to UGR ≤ 19
- Protection type IP44 enables use in sanitary/ancillary rooms and prevents insects from entering
- Manual adjustment of light color and brightness of Tunable White luminaires via ESYLUX push button possible
- SwitchDIM function for dimming individual luminaires via conventional push button
- Versions with emergency light module for safety lighting with long-life LiFePO4 battery (3 h) and automatic testing
- Easy installation due to two-part design with rotatable latches

Product group/product name	Item no.	Light colour (IEC1231)	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
2700 - 6500 K																	
LENJA CL 1200 DDP OP 4600 8TW IP44 3h DALI-2 DT8 (white, similar to RAL 9003)	EO10850745	8TW	4600 lm	42,9 W	107 lm/W	< 19	DDP	OP	IP44	DALI-2			LED EEL D	X 1203, Y 175, Z 47	DM	•	★
LENJA CL 1200 DDP OP 4600 8TW IP44 DALI-2 DT8 (white, similar to RAL 9003)	EO10850714	8TW	4600 lm	41,9 W	109 lm/W	< 19	DDP	OP	IP44	DALI-2			LED EEL D	X 1203, Y 175, Z 47	DM	•	★
3000 K																	
LENJA CL 1200 DDP OP 4300 830 IP44 3h DALI-2 (white, similar to RAL 9003)	EO10850738	830	4300 lm	31,4 W	136 lm/W	< 19	DDP	OP	IP44	DALI-2			LED EEL C	X 1203, Y 175, Z 47	DM	•	★
LENJA CL 1200 DDP OP 4300 830 IP44 DALI-2 (white, similar to RAL 9003)	EO10850707	830	4300 lm	30,4 W	141 lm/W	< 19	DDP	OP	IP44	DALI-2			LED EEL C	X 1203, Y 175, Z 47	DM	•	★
4000 K																	
LENJA CL 1200 DDP OP 4500 840 IP44 3h DALI-2 (white, similar to RAL 9003)	EO10850721	840	4500 lm	31,3 W	143 lm/W	< 19	DDP	OP	IP44	DALI-2			LED EEL C	X 1203, Y 175, Z 47	DM	•	★
LENJA CL 1200 DDP OP 4500 840 IP44 DALI-2 (white, similar to RAL 9003)	EO10850691	840	4500 lm	30,3 W	148 lm/W	< 19	DDP	OP	IP44	DALI-2			LED EEL C	X 1203, Y 175, Z 47	DM	•	★

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
Accessories					
Electrical accessories					
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	•	
Push button					
PUSH BUTTON x8 TW	EO10431388	DALI Broadcast 8 x push button Tunable White for manual override of luminaires with DALI-2 DT8 drivers	X 80,5, Y 80,5, Z 21,5	•	



- Variants with Tunable White for energy-efficient Human Centric Lighting
- DALI-2 certified drivers for energy-efficient lighting control
- High luminous efficacy of up to 167 lm/W

5 YEARS
MANUFACTURER
WARRANTY

From classrooms to office spaces to retirement homes: thanks to their high luminous efficacy, LENJA pendant lights are ideal for energy-efficient modernization in numerous areas of application – and with their Tunable White variants, they provide health-promoting and motivational Human Centric Lighting. The high indirect light ratio of 45% ensures harmonious room illumination. A demand-driven DALI-2 light management system from ESYLUX makes the most of the long LED service life.

www.nortecnica.pt

INDOOR LIGHTING / PENDANT LIGHTS

LENJA

IMPLEMENTING SOOTHING LIGHTING IN AN ENERGY-EFFICIENT WAY

Flat pendant lamps in powder-coated metal housing with front made from a single piece

Versions with Tunable White (2700-6500 K) or with fixed light color (3000 or 4000 K)

High indirect light ratio of 45 %

DALI-2-certified drivers for energy-efficient lighting control

Blind module 600 mm and end piece 100 mm, each with integrated DALI-2 presence detector PD-FLAT BMS as optional accessory

High luminous efficacy of up to 159 lm/W

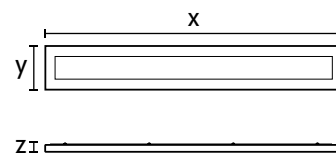
Long LED service life of up to 100,000 h L80B50 at 25 °C

Homogeneous, glare-free illumination due to backlight arrangement of the LEDs

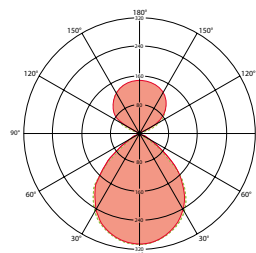
High-quality opal, microprismatic diffuser made of PC plastic

Suitable for use in computer workstations due to UGR ≤ 19

PRODUCT TYPES



LIGHT DISTRIBUTION



□ C0, □ C90, ■ C0 / C90

Note: Technical data for specific products can be found at www.esylux.com.

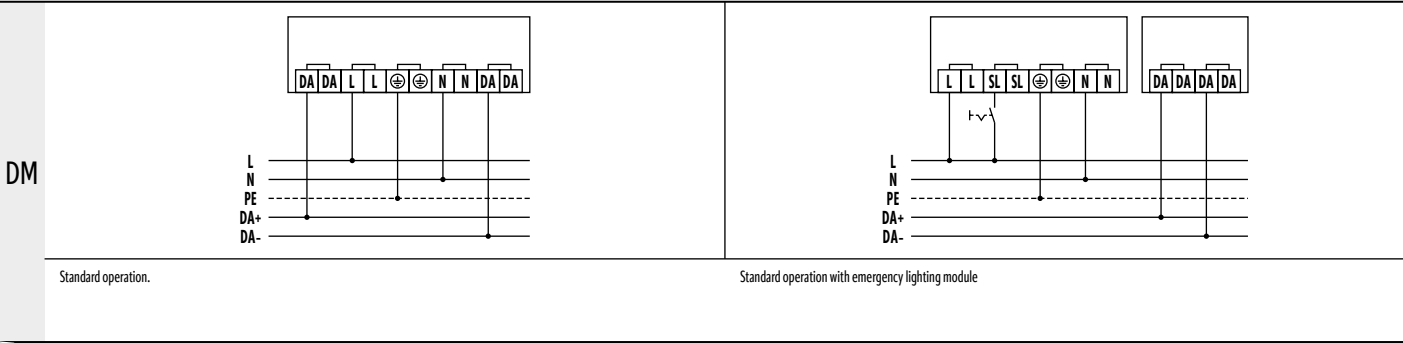
LENJA
INDOOR LIGHTING / PENDANT LIGHTS



- Flat pendant lamps in powder-coated metal housing with front made from a single piece
- Versions with Tunable White (2700-6500 K) or with fixed light color (3000 or 4000 K)
- High indirect light ratio of 45 %
- DALI-2-certified drivers for energy-efficient lighting control
- Blind module 600 mm and end piece 100 mm, each with integrated DALI-2 presence detector PD-FLAT BMS as optional accessory
- High luminous efficacy of up to 159 lm/W
- Long LED service life of up to 100,000 h L80B50 at 25 °C
- Homogeneous, glare-free illumination due to backlight arrangement of the LEDs
- High-quality opal, micropismatic diffuser made of PC plastic
- Suitable for use in computer workstations due to UGR ≤ 19
- Protection type IP40 against insect intrusion
- Manual adjustment of light color and brightness of Tunable White luminaires via ESYLUX push button possible
- SwitchDIM function for dimming individual luminaires via conventional push button
- Versions with emergency light module for safety lighting with long-life LiFePO4 battery (3 h) and automatic testing
- Wire rope pendant set, ceiling canopy with transparent 5-pole connection cable, connection coupling and 600 mm dummy module as optional accessories

Product group/product name	Item no.	Light colour (IEC1231)	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
3000 K																	
LENJA PDL 1200 DDP OP 6800 830 IP40 3h DALI-2 (white, similar to RAL 9003)	EO10850790	830	6800 lm	45,5 W	149 lm/W	< 19	DDP	OP	IP40	DALI-2			LED EEL C	X 1215, Y 175, Z 40	DM	•	★
LENJA PDL 1200 DDP OP 6800 830 IP40 DALI-2 (white, similar to RAL 9003)	EO10850769	830	6800 lm	44,5 W	152 lm/W	< 19	DDP	OP	IP40	DALI-2			LED EEL C	X 1215, Y 175, Z 40	DM	•	★
4000 K																	
LENJA PDL 1200 DDP OP 7100 840 IP40 3h DALI-2 (white, similar to RAL 9003)	EO10850783	840	7100 lm	45,4 W	156 lm/W	< 19	DDP	OP	IP40	DALI-2			LED EEL C	X 1215, Y 175, Z 40	DM	•	★
LENJA PDL 1200 DDP OP 7100 840 IP40 DALI-2 (white, similar to RAL 9003)	EO10850752	840	7100 lm	44,4 W	159 lm/W	< 19	DDP	OP	IP40	DALI-2			LED EEL C	X 1215, Y 175, Z 40	DM	•	★

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
Accessories					
Adapter					
LENJA PDL 600 BLANK MODULE	EO10850844	Blank module 600 mm for use between LENJA pendant lights mounted in series	X 600, Y 175, Z 40	•	★
LENJA PDL CONNECTION SET	EO10850837	Connecting coupling for connecting LENJA pendant lights in series	X 120, Y 172, Z 37	•	★
Mounting					
LENJA PDL CANOPY WITH CABLE 5x0.75	EO10850820	Ceiling canopy with 5-pole transparent connection cable for LENJA pendant lights	X 60, Y 60, Z 27	•	★
LENJA PDL WIRE PENDULUM SET 2000	EO10850813	Set of 2 Y-shaped wire cables, 2 m, for suspending LENJA pendant lights	X 2000	•	★
Presence detector					
LENJA PDL 100 END CAP WITH PD-FLAT BMS DALI-2	EO10850868	End piece 100 mm for LENJA pendant lights, with integrated DALI-2 presence detector PD-FLAT BMS (EP10423024)	X 100, Y 175, Z 46	•	★
LENJA PDL 600 MODULE WITH PD-FLAT BMS DALI-2	EO10850851	Blank module 600 mm with integrated DALI-2 presence detector PD-FLAT BMS (EP10423024) for use between LENJA pendant lights mounted in series	X 600, Y 175, Z 46	•	★



- 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 at: esylux.com/esy-pen.

www.nortecnica.pt

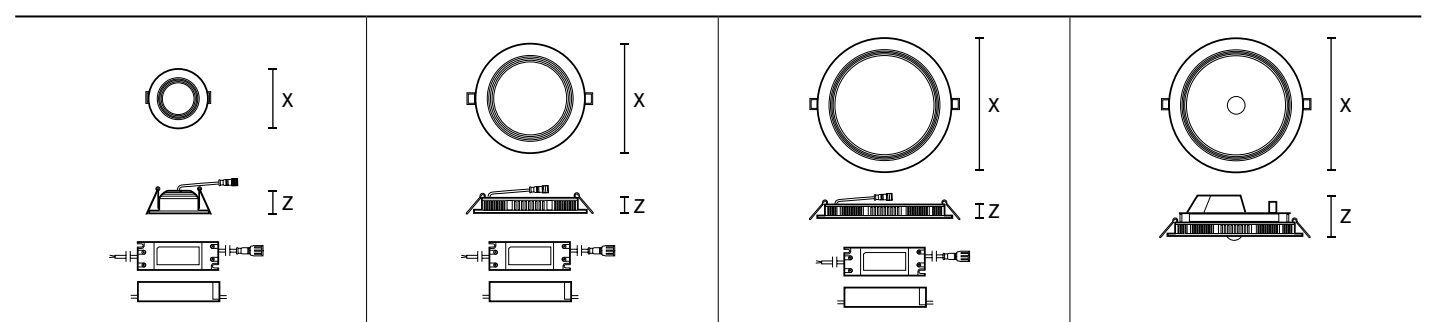
INDOOR LIGHTING / DOWNLIGHTS

ELSA-2

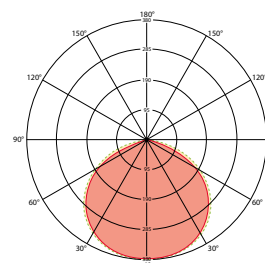
IF REQUIRED: INTELLIGENCE INCLUDED



PRODUCT TYPES

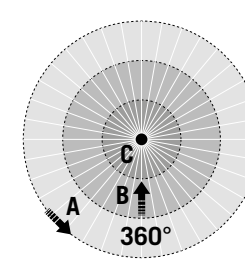


LIGHT DISTRIBUTION



■ C0, ■ C90, ■ C0 / C90

FIELD OF DETECTION



DETECTION RANGE

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

Note: Technical data for specific products can be found at www.esylux.com.

ELSA-2

INDOOR LIGHTING / DOWNLIGHTS



- High-quality aluminium housing with low installation depth
- Variants with a diameter of 225 mm with an integrated remotely controlled motion detector or DALI presence detector (DALI broadcast)
- Detector optimised for controlling additional LED lights
- Available with additional integrated DALI bus power supply
- Sensorless DALI variants with SwitchDIM function for 230 V button
- Flicker-free light for healthy and fatigue-free working
- Installation without additional accessories
- Simple plug-in connection of the driver to the light
- Protection type IP20/Variants without IP44 sensor under the ceiling (installed)
- Rated lifetime L₈₀B₅₀ at 25°C : 40000 h

Product group/product name	Item no.	Light colour (IEC1231)	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
3000 K / Ø 165 mm / 9 W / 110°																	
ELSA-2 DL 165 OP 110° 900 830 DALI WH (white, similar to RAL 9003)	EO10298929	830	900 lm	9,5 W	94 lm/W	≤25	OP	IP44	DALI				E A G	X 180, Z 25	BS	•	
ELSA-2 DL 165 OP 110° 900 830 WH (white, similar to RAL 9003)	EO10298981	830	900 lm	9 W	100 lm/W	≤25	OP	IP44	ON/OFF				E A G	X 180, Z 25	BX	•	
3000 K / Ø 225 mm / 18 W / 110°																	
ELSA-2 DL 225 OP 110° 1800 830 DALI WH (white, similar to RAL 9003)	EO10298943	830	1700 lm	19 W	89 lm/W	≤25	OP	IP44	DALI				F A G	X 240, Z 25	BS	•	
ELSA-2 DL 225 OP 110° 1800 830 MD IR WH (white, similar to RAL 9003)	EO10299025	830	1650 lm	17,5 W	94 lm/W	≤25	OP	IP20	ON/OFF			•	LED EEI F	X 240, Z 60	BY	•	
ELSA-2 DL 225 OP 110° 1800 830 PD IR DALI WH (white, similar to RAL 9003)	EO10299698	830	1750 lm	19 W	92 lm/W	≤25	OP	IP20	DALI			•	LED EEI F	X 240, Z 60	BZ	•	
ELSA-2 DL 225 OP 110° 1800 830 PD IR PS DALI WH (white, similar to RAL 9003)	EO10299681	830	1750 lm	19 W	92 lm/W	≤25	OP	IP20	DALI			•	LED EEI F	X 240, Z 60	BN	•	
ELSA-2 DL 225 OP 110° 1800 830 WH (white, similar to RAL 9003)	EO10299001	830	1700 lm	18 W	94 lm/W	≤25	OP	IP44	ON/OFF				F A G	X 240, Z 25	BX	•	
3000 K / Ø 68 mm / 5 W / 100°																	
ELSA-2 DL 68 OP 100° 500 830 DALI WH (white, similar to RAL 9003)	EO10298905	830	500 lm	6,5 W	76 lm/W	≤30	OP	IP44	DALI				F A G	X 98, Z 45	BS	•	
ELSA-2 DL 68 OP 100° 500 830 WH (white, similar to RAL 9003)	EO10298967	830	500 lm	6,5 W	76 lm/W	≤30	OP	IP44	ON/OFF				F A G	X 98, Z 45	BX	•	
4000 K / Ø 165 mm / 9 W / 110°																	
ELSA-2 DL 165 OP 110° 900 840 DALI WH (white, similar to RAL 9003)	EO10298936	840	900 lm	9,5 W	94 lm/W	≤25	OP	IP44	DALI				E A G	X 180, Z 25	BS	•	
ELSA-2 DL 165 OP 110° 900 840 WH (white, similar to RAL 9003)	EO10298998	840	850 lm	10,5 W	80 lm/W	≤25	OP	IP44	ON/OFF				F A G	X 180, Z 25	BX	•	
4000 K / Ø 225 mm / 18 W / 110°																	
ELSA-2 DL 225 OP 110° 1800 840 DALI WH (white, similar to RAL 9003)	EO10298950	840	1800 lm	19 W	94 lm/W	≤25	OP	IP44	DALI				F A G	X 240, Z 25	BS	•	

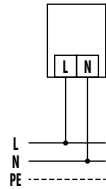
www.nortecnica.pt

Product group/product name	Item no.	Light colour (IEC1231)	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 840 MD IR WH (white, similar to RAL 9003)	EO10299032	840	1750 lm	18 W	97 lm/W	≤25		OP	IP20	ON/OFF		•	LED EEI F	X 240, Z 60	BY	•	
ELSA-2 DL 225 OP 110° 1800 840 PD IR DALI WH (white, similar to RAL 9003)	EO10299674	840	1850 lm	19 W	97 lm/W	≤25		OP	IP20	DALI		•	LED EEI F	X 240, Z 60	BZ	•	
ELSA-2 DL 225 OP 110° 1800 840 PD IR PS DALI WH (white, similar to RAL 9003)	EO10299667	840	1850 lm	19,5 W	94 lm/W	≤25		OP	IP20	DALI		•	LED EEI F	X 240, Z 60	BN	•	
ELSA-2 DL 225 OP 110° 1800 840 WH (white, similar to RAL 9003)	EO10299018	840	1800 lm	18 W	100 lm/W	≤25		OP	IP44	ON/OFF			E A G	X 240, Z 25	BX	•	
4000 K / Ø 68 mm / 5 W / 100°																	
ELSA-2 DL 68 OP 100° 500 840 DALI WH (white, similar to RAL 9003)	EO10298912	840	500 lm	6,5 W	76 lm/W	≤30		OP	IP44	DALI			F A G	X 98, Z 45	BS	•	
ELSA-2 DL 68 OP 100° 500 840 WH (white, similar to RAL 9003)	EO10298974	840	475 lm	6,5 W	73 lm/W	≤30		OP	IP44	ON/OFF			F A G	X 98, Z 45	BX	•	

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
Accessories					
Adapter					
ELSA-2 RING 165	EO10300271	Adapter ring 165–200 mm for ELSA-2 series	X 215, Z 1,5		•
ELSA-2 RING 225	EO10300264	Adapter ring 225–265 mm for ELSA-2 series	X 280, Z 1,5		•
ELSA-2 RING 68	EO10300288	Adapter ring 68–105 mm for ELSA-2 series	X 120, Z 1,5		•
Electrical accessories					
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	EO10430992	Universal junction box, black, 5-pin, 2.5 mm ²	X 103, Y 62,5, Z 27		•
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		•
Mounting					
ELSA-2 MOUNTING FRAME 165 SM WH	EO10300882	Ceiling installation frame for ELSA-2 165 series	X 250, Z 70		•
ELSA-2 MOUNTING FRAME 225 SM WH	EO10300899	Ceiling installation frame for ELSA-2 225 series	X 310, Z 70		•
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 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		•

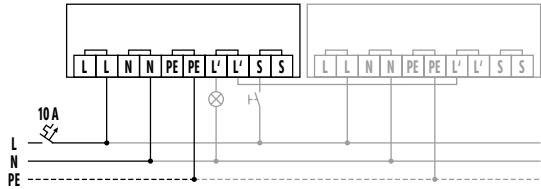


BX



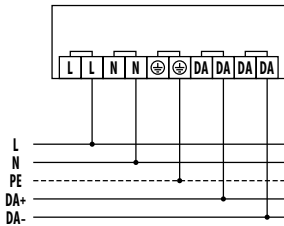
Standard operation.

BY



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

BZ



Standard operation.



- DALI-2 variants for presence and daylight-dependent constant light control and for orientation light
- Optional integrated HF motion detector
- Particularly resistant: IP66 and IK08

5 YEARS
MANUFACTURER
WARRANTY

INDOOR LIGHTING / MOISTURE-PROOF LIGHTS

OLIVIA-2 EFFICIENT, ROBUST, INTELLIGENTLY CONTROLLED

LED moisture-proof luminaires with integrated DALI-2-certified or ON/OFF drivers and ENEC test mark

Motion detectors of the DALI-2 variants serve as input devices for APC presence detectors of the COMPACT series (control up to 16 groups)

Simple group installation thanks to integrated through-wiring with 5 x 2.5 mm² and plug-in terminals on both sides

Outstanding light transmission factor thanks to opal diffuser made of UV-stabilised polycarbonate

High IP66 protection rating thanks to injected silicone-based seal

Optional built-in HF motion detector for motion and daylight-dependent control of a luminaire group

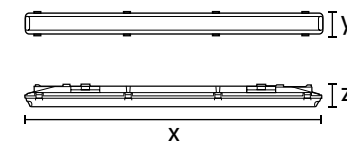
Optionally with safety lighting function with long-life LiFePO4 battery and automatic self-test

Two cable glands for cables up to 5 x 2.5 mm² included

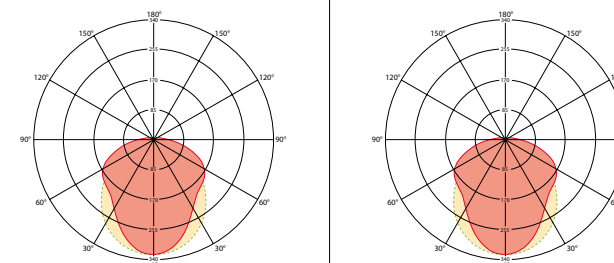
Excellent luminous efficacy of up to 165 lm/W

Tamper-proof stainless steel locking clips (cannot be removed by hand)

PRODUCT TYPES



LIGHT DISTRIBUTION



■ C0, ■ C90, ■ C0 / C90

Note: Technical data for specific products can be found at www.esylux.com.

Whether in corridors, storage rooms, car parks, carports or cellars: OLIVIA-2 series damp-proof luminaires offer optimally protected light with high energy-saving potential. An optional built-in HF motion detector and excellent luminous efficacy ensure optimum energy efficiency. Sophisticated details such as integrated through-wiring simplify installation, while IP66 protection and IK08 impact resistance ensure long-lasting functionality.

OLIVIA-2

INDOOR LIGHTING / MOISTURE-PROOF LIGHTS



- LED moisture-proof luminaires ith integrated DALI-2-certified or ON/OFF drivers and ENEC test mark
- Optional built-in HF motion detector for motion and daylight-dependent control of a luminaire group
- Motion detectors of the DALI-2 variants serve as input devices for APC presence detectors of the COMPACT series (control up to 16 groups)
- Optionally with safety lighting function with long-life LiFePO4 battery and automatic self-test
- Simple group installation thanks to integrated through-wiring with 5 x 2.5 mm² and plug-in terminals on both sides
- Two cable glands for cables up to 5 x 2.5 mm² included
- Outstanding light transmission factor thanks to opal diffuser made of UV-stabilised polycarbonate
- Excellent luminous efficacy of up to 165 lm/W
- High IP66 protection rating thanks to injected silicone-based seal
- Tamper-proof stainless steel locking clips (cannot be removed by hand)
- Two snap-in and flexibly adjustable brackets for ceiling mounting included
- Reinforced brackets for wall mounting and hangers for suspended mounting as optional accessories

Product group/product name	Item no.	Light colour (IEC1231)	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 / 1200 mm / 33 W																	
OLIVIA-2 MPL 1200 OP 5300 840 IP66 (light grey, similar to RAL 7035)	EO10310607	840	5300 lm	32 W	165 lm/W	≤25	OP	IP66	ON/OFF				LED EEC C	X 1185, Y 85, Z 86	BF	•	★
OLIVIA-2 MPL 1200 OP 5300 840 IP66 3h 5x2.5 (light grey, similar to RAL 7035)	EO10310638	840	5300 lm	36 W	147 lm/W	≤25	OP	IP66	ON/OFF				LED EEC C	X 1185, Y 85, Z 86	DC	•	★
OLIVIA-2 MPL 1200 OP 5300 840 IP66 3h 5x2.5 DALI-2 (light grey, similar to RAL 7035)	EO10310591	840	5300 lm	36 W	147 lm/W	≤25	OP	IP66	DALI-2				LED EEC C	X 1185, Y 85, Z 86	BZ	•	★
OLIVIA-2 MPL 1200 OP 5300 840 IP66 5x2.5 (light grey, similar to RAL 7035)	EO10310614	840	5300 lm	32 W	165 lm/W	≤25	OP	IP66	ON/OFF				LED EEC C	X 1185, Y 85, Z 86	BF	•	★
OLIVIA-2 MPL 1200 OP 5300 840 IP66 5x2.5 DALI-2 (light grey, similar to RAL 7035)	EO10310577	840	5300 lm	33 W	160 lm/W	≤25	OP	IP66	DALI-2				LED EEC C	X 1185, Y 85, Z 86	BZ	•	★
OLIVIA-2 MPL 1200 OP 5300 840 IP66 5x2.5 MD (light grey, similar to RAL 7035)	EO10310621	840	5300 lm	33 W	160 lm/W	≤25	OP	IP66	ON/OFF			•	LED EEC C	X 1185, Y 85, Z 86	DD	•	★
OLIVIA-2 MPL 1200 OP 5300 840 IP66 5x2.5 MD DALI-2 (light grey, similar to RAL 7035)	EO10310584	840	5300 lm	35 W	151 lm/W	≤25	OP	IP66	DALI-2			•	LED EEC C	X 1185, Y 85, Z 86	BZ	•	★
4000 K / 1500 mm / 44 W																	
OLIVIA-2 MPL 1500 OP 6300 840 IP66 (light grey, similar to RAL 7035)	EO10310676	840	6300 lm	38 W	165 lm/W	≤25	OP	IP66	ON/OFF				LED EEC C	X 1477, Y 85, Z 86	BF	•	★
OLIVIA-2 MPL 1500 OP 6300 840 IP66 3h 5x2.5 (light grey, similar to RAL 7035)	EO10310706	840	6300 lm	42 W	150 lm/W	≤25	OP	IP66	ON/OFF				LED EEC C	X 1477, Y 85, Z 86	DC	•	★
OLIVIA-2 MPL 1500 OP 6300 840 IP66 3h 5x2.5 DALI-2 (light grey, similar to RAL 7035)	EO10310669	840	6300 lm	42 W	150 lm/W	≤25	OP	IP66	DALI-2				LED EEC C	X 1477, Y 85, Z 86	BZ	•	★
OLIVIA-2 MPL 1500 OP 6300 840 IP66 5x2.5 (light grey, similar to RAL 7035)	EO10310683	840	6300 lm	38 W	165 lm/W	≤25	OP	IP66	ON/OFF				LED EEC C	X 1477, Y 85, Z 86	BF	•	★
OLIVIA-2 MPL 1500 OP 6300 840 IP66 5x2.5 DALI-2 (light grey, similar to RAL 7035)	EO10310645	840	6300 lm	39 W	161 lm/W	≤25	OP	IP66	DALI-2				LED EEC C	X 1477, Y 85, Z 86	BZ	•	★
OLIVIA-2 MPL 1500 OP 6300 840 IP66 5x2.5 MD (light grey, similar to RAL 7035)	EO10310690	840	6300 lm	39 W	161 lm/W	≤25	OP	IP66	ON/OFF			•	LED EEC C	X 1477, Y 85, Z 86	DD	•	★
OLIVIA-2 MPL 1500 OP 6300 840 IP66 5x2.5 MD DALI-2 (light grey, similar to RAL 7035)	EO10310652	840	6300 lm	41 W	153 lm/W	≤25	OP	IP66	DALI-2			•	LED EEC C	X 1477, Y 85, Z 86	BZ	•	★

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
Accessories					
Mounting					
OLIVIA-2 HANGER BRACKET SET 2x	EO10310515	2x stainless steel hangers for suspended mounting. For insertion into the mounting brackets supplied with the OLIVIA-2 moisture-proof lights.	X 33, Y 42, Z 2	•	★
OLIVIA-2 WALL MOUNTING BRACKET SET 2x	EO10310508	2x reinforced stainless steel mounting brackets for wall mounting	X 51, Y 37, Z 24	•	★

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
Spare parts					
Accessories					
OLIVIA-2 CLIPS CABLE GLANDS SET	EO10310560	Spare accessories set for OLIVIA-2 MPL 1200 and 1500 moisture-proof lights	X 33, Y 48, Z 24	•	★
Battery					
OLIVIA-2 BATTERY LiFePO4 4500mAh	EO10310546	Spare battery (LiFePO4) for OLIVIA-2 ON/OFF moisture-proof lights with 3 h emergency lighting function.	X 235, Y 22, Z 20	•	★
OLIVIA-2 DALI-2 BATTERY LiFePO4 4500mAh	EO10310553	Spare battery (LiFePO4) for OLIVIA-2 DALI-2 moisture-proof lights with 3 h emergency lighting function.	X 68, Y 55, Z 20	•	★
Cover					
OLIVIA-2 1200 COVER OP	EO10310522	Opal diffuser made of UV-stabilised polycarbonate for OLIVIA-2 MPL 1200 moisture-proof lights.	X 1185, Y 85, Z 40	•	★
OLIVIA-2 1500 COVER OP	EO10310539	Opal diffuser made of UV-stabilised polycarbonate for OLIVIA-2 MPL 1500 moisture-proof lights.	X 1477, Y 85, Z 40	•	★

BF		BZ	
	Standard operation.		Standard operation.
DC		DD	
	Standard operation.		Standard operation.

• Replaceable lens for different room types

5 YEARS
MANUFACTURER
WARRANTY



The ELH-2 series offers escape route lighting for single-battery operation, with a replaceable lens design specially conceived for large areas – either for elliptical illumination of corridors or circular illumination of large rooms. Its above-average range reduces the number of luminaires required. The integrated DALI-2 interface ensures high control flexibility during operation and convenient maintenance.

www.nortecnica.pt

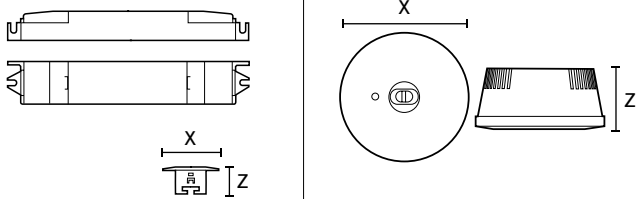
INDOOR LIGHTING / EMERGENCY LIGHTS

ELH-2

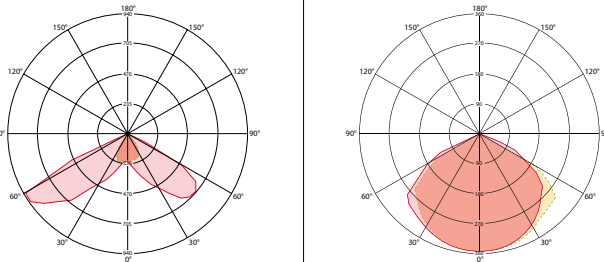
SAFELY ILLUMINATE LARGE AREAS



PRODUCT TYPES



LIGHT DISTRIBUTION



C0, C90, C0 / C90

Note: Technical data for specific products can be found at www.esylux.com.

ELH-2
INDOOR LIGHTING / EMERGENCY LIGHTS

www.nortecnica.pt



- Single-battery emergency light with 3 hours of emergency lighting duration for ceiling installation or surface mounting
- Replaceable lens for different room types
- Function check and self-control
 - Continuous charge monitoring
 - Automatic weekly function test and annual operating time test
 - Status readout function via DALI-2 bus (DALI part -202)
 - Display of test results due to colored LEDs (green/red)
- Operation in standby mode
- Light emission downwards and optimized for illuminating rooms or corridors
- Includes battery with reverse polarity protection plug connection

Product group/product name	Item no.	Installation position	Installation type	Light duration	Viewing distance	Luminous flux	Rated output P	Luminous efficacy	Lamp holder	DALI	Automatic testing	Battery	Dimensions (mm)	Circuit diagram	Core portfolio	New product
ELH-2 EL LED 3h SC RM (white, similar to RAL 9003)	EN10080074	Ceiling	RM	3 h		150 lm	3 W	50 lm/W				• LiFePO ₄	X 60, Z 28	DO	•	★
ELH-2 EL LED 3h SC SM (white, similar to RAL 9003)	EN10080067	Ceiling	SM	3 h		120 lm	3 W	40 lm/W				• LiFePO ₄	X 123, Z 57,5	DI	•	★

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
Spare parts					
Accessories					
ELH-2 RM OPTICS AND LENS COVER SET	EN00080098	Replacement lenses and lens covers for the ceiling-recessed version of the ELH-2, colour: grey	X 32, Z 6	•	★
ELH-2 SM OPTICS AND LENS COVER SET	EN00080104	Replacement lenses and lens covers for the ceiling-mounted version of the ELH-2, colour: grey	X 32, Z 6	•	★
Battery					
ELH-2 BATTERY LiFePO4 1800mAh	EN10080081	Replacement battery for emergency lights of the ELH-2 series with LiFePO4 battery	X 8527	•	★

DI		DO	
	Standard operation.		Standard operation.



- Large wiring area with numerous line feeds

5 YEARS
MANUFACTURER
WARRANTY



With the same basic housing, the ELX series LED emergency lights supplement the escape route signage in the SLX series with a reliable, energy-efficient escape route light. In addition to the large illumination area, they impress with their versatile installation options and easy installation.

Parameterisable with ESY-Pen and ESY-App. More at: esylux.com/esy-pen.

www.nortecnica.pt

INDOOR LIGHTING / EMERGENCY LIGHTS

ELX IMPROVED SAFETY EASILY INSTALLED

Single-battery emergency light for escape route lighting with 3-hour or 8-hour emergency light duration

Basic housing made from UV-stabilised plastic with large wiring area and line feeds from several directions

Self-monitoring with coloured status indicator

Tamper-resistant function check can be executed by remote control or magnet

Optionally, operation in continuous or stand-by mode possible

Plug-in terminal with through-wiring function

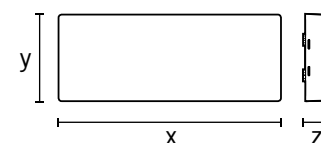
Continual load monitoring with automatic weekly function test and six-monthly continuous function test

Test results shown on coloured status display

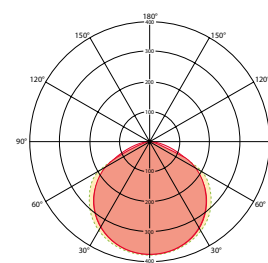
Wide range of accessories available for a variety of installation types

Replaceable, rechargeable battery with plug-in connection protected against reverse polarity

PRODUCT TYPES



LIGHT DISTRIBUTION



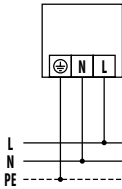
■ C0, ■ C90, ■ C0 / C90

Note: Technical data for specific products can be found at www.esylux.com.



- Single-battery emergency light for escape route lighting with 3-hour or 8-hour emergency light duration
- Basic housing made from UV-stabilised plastic with large wiring area and line feeds from several directions
- Self-monitoring with coloured status indicator
- Tamper-resistant function check can be executed by remote control or magnet
- Optionally, operation in continuous or stand-by mode possible
- Plug-in terminal with through-wiring function
- Continual load monitoring with automatic weekly function test and six-monthly continuous function test
- Test results shown on coloured status display
- Wide range of accessories available for a variety of installation types
- Replaceable, rechargeable battery with plug-in connection protected against reverse polarity

DH



Standard operation.

Product group/product name	Item no.	Installation position	Installation type	Light duration	Viewing distance	Luminous flux	Rated output P	Luminous efficacy	Lamp holder	DALI	Automatic testing	Battery	Dimensions (mm)	Circuit diagram	Core portfolio	New product
3 h / 8 h / ELX																
ELX EL LED 3h/8h IR SC SM (white, similar to RAL 9003)	EN10077098	Ceiling / wall	SM			245 lm	3 W	81 lm/W			•	LiFePO ₄	X 388, Y 148, Z 46	DH	•	★

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
Accessories					
Mounting					
SLX/ELX MOUNTING FRAME 430 FM	EN10077234	Installation frame for SLX and ELX series, installation hole size 430 x 155 mm	X 469, Y 229, Z 36	•	
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	•	

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
Spare parts					
Battery					
SLE/SLF/SLX/ELX BATTERY LiFePO4 1500mAh	EN10077784	Spare battery for emergency lights of the SLE and SLF series, revised from 2022 with LiFePO4 rechargeable battery	X 20, Z 69	•	

- Function control via remote control possible
- Flexible wall or ceiling mounting without accessories
- Variants with self-control are available

5 YEARS
MANUFACTURER
WARRANTY



The single-battery emergency lights in the SLA series are a conventional emergency sign solution with a viewing distance of 14 metres. Either the test button or remote control can be used for simple function testing, with LED versions with self-control also available. An accessory basket guard enhances safety for ceiling mounting, whilst the additional downwards light emission ensures better orientation in an emergency.



Parameterisable with ESY-Pen and ESY-App. More at: esylux.com/esy-pen.

www.esylux.com

INDOOR LIGHTING / EMERGENCY LIGHTS

SLA

REMOTELY CONTROLLED, COMPACT EMERGENCY LIGHT FOR VARIOUS AREAS OF APPLICATION

Single-battery emergency light with 3 h or 8 h emergency light duration and 14 m detection range

Suitable for wall and ceiling mounting

Including lamp and symbol sheets (depending on variant)

Simple function test using conventional test key or convenient ESY-Pen and ESY-App; LED status indicator

Continuous and standby mode

LED variants with self-control

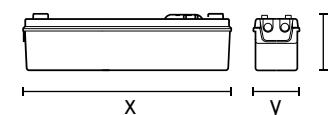
Additional downwards light emission for better orientation in case of emergency

Includes rechargeable battery with reverse polarity protected connection

Connection via push terminals

Rear or side line entrance with elastic sealing membranes

PRODUCT TYPES



Note: Technical data for specific products can be found at www.esylux.com.

SLA
INDOOR LIGHTING / EMERGENCY LIGHTS

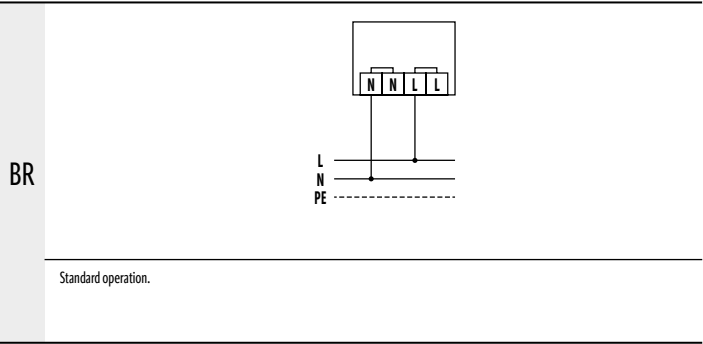


- Single-battery emergency light with 3 h or 8 h emergency light duration and 14 m detection range
- Suitable for wall and ceiling mounting
- Including lamp and symbol sheets (depending on variant)
- Simple function test using conventional test key or convenient ESY-Pen and ESY-App; LED status indicator
- Continuous and standby mode
- LED variants with self-control
- Additional downwards light emission for better orientation in case of emergency
- Includes rechargeable battery with reverse polarity protected connection
- Connection via push terminals
- Rear or side line entrance with elastic sealing membranes

Product group/product name	Item no.	Installation position	Installation type	Light duration	Viewing distance	Luminous flux	Rated output P	Luminous efficacy	Lamp holder	DALI	Automatic testing	Battery	Dimensions (mm)	Circuit diagram	Core portfolio	New product
14 m / SLA																
SLA EL LED 3h 14m IR SC SM (white, similar to RAL 9003)	EN10017551	Ceiling / wall	SM	3 h	14 m		3 W				•	LiFePO ₄	X 355, Y 90, Z 115	BR	•	
SLA EL LED 8h 14m IR SC SM (white, similar to RAL 9003)	EN10032660	Ceiling / wall	SM	8 h	14 m		3 W				•	LiFePO ₄	X 355, Y 90, Z 115	BR	•	

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
Accessories					
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	•	
Symbol					
SLA 14 SYMBOL SET 2	EN10032707	Symbol set for SLA series, 14 m, detection range, up right, up left, down right, down left	X 310, Y 70, Z 1	•	

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
Spare parts					
Battery					
SLA DIFFUSOR	EN00032813	Replacement diffuser for SLA series (from 2021), including pictogram set	X 355, Y 89, Z 80	•	
Symbol					
SLA/SLB BATTERY LiFePO4 1500mAh	EN10032721	Spare battery for emergency lights of the SLA and SLB series, revised from 2022 with LiFePO4 rechargeable battery	X 20, Z 70	•	
SLA 14 SYMBOL SET 1	EN10032769	Symbol set for SLA series, 14 m detection range, arrow right, left, upwards and downwards	X 310, Y 70, Z 1	•	



- Flexible wall or ceiling mounting without accessories

5 YEARS
MANUFACTURER
WARRANTY



The single-battery emergency lights in the SLB series are a conventional solution for locations that require a viewing distance of 21 metres. Their function can be tested easily using the test button and the push terminals enable fast and easy wall or ceiling mounting. Additional downwards light emission ensures better orientation in an emergency.

INDOOR LIGHTING / EMERGENCY LIGHTS

SLB ROBUST, EASY-TO-USE EMERGENCY LIGHT

Single-battery emergency light with 3 hour or 8 hour emergency light duration and 21 m viewing distance

Suitable for wall and ceiling mounting

Includes light source and symbol-sheets

Simple standard function test with test key, LED status indicator

Continuous and standby mode

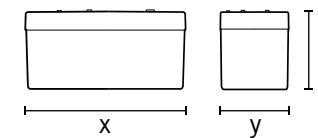
Additional light distribution below for better orientation in an emergency

Includes rechargeable battery with reverse polarity protected connection

Connection via push terminals

Line entrance on the back or side with elastic sealing membranes

PRODUCT TYPES



Note: Technical data for specific products can be found at www.esylux.com.

SLB
INDOOR LIGHTING / EMERGENCY LIGHTS

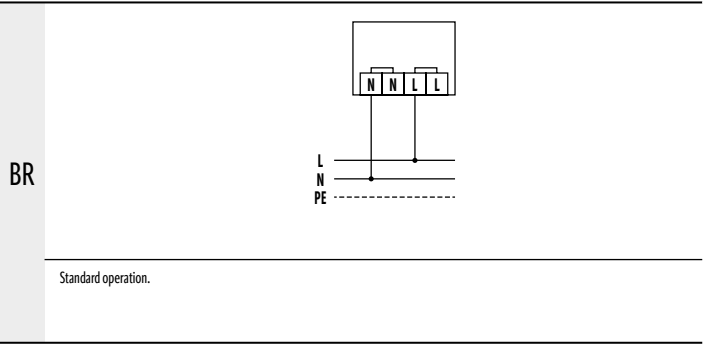


- Single-battery emergency light with 3 hour or 8 hour emergency light duration and 21 m viewing distance
- Suitable for wall and ceiling mounting
- Includes light source and symbol-sheets
- Simple standard function test with test key, LED status indicator
- Continuous and standby mode
- Additional light distribution below for better orientation in an emergency
- Includes rechargeable battery with reverse polarity protected connection
- Connection via push terminals
- Line entrance on the back or side with elastic sealing membranes

Product group/product name	Item no.	Installation position	Installation type	Light duration	Viewing distance	Luminous flux	Rated output P	Luminous efficacy	Lamp holder	DALI	Automatic testing	Battery	Dimensions (mm)	Circuit diagram	Core portfolio	New product
21 m / SLB																
SLB EL LED 3h 21m SM (white, similar to RAL 9003)	EN10026836	Ceiling / wall	SM	3 h	21m		3 W					LiFePO ₄	X 250, Y 150, Z 135	BR	•	
SLB EL LED 8h 21m SM (white, similar to RAL 9003)	EN10032677	Ceiling / wall	SM	8 h	21m		3 W					LiFePO ₄	X 250, Y 150, Z 135	BR	•	

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
Accessories					
Protection					
SLB 21 BASKET GUARD	EN10027062	Basket guard for SLB series	X 310, Y 185, Z 190	•	
Symbol					
SLB 21 SYMBOL SET 2	EN10032738	Symbol set for SLB series, 21 m, detection range, up right, up left, down right, down left	X 210, Y 105, Z 1	•	

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
Spare parts					
Battery					
SLB DIFFUSOR	EN00032820	Replacement diffuser for SLB series (from 2021), including pictogram set	X 247, Y 135, Z 125,5	•	
Symbol					
SLA/SLB BATTERY LiFePO4 1500mAh	EN10032721	Spare battery for emergency lights of the SLA and SLB series, revised from 2022 with LiFePO4 rechargeable battery	X 20, Z 70	•	
SLB 21 SYMBOL SET 1	EN10032783	Symbol set for SLB series, 21 m, detection range, right, left, up, down	X 210, Y 105, Z 1	•	



- Functional, high-quality and discreet design for diverse installation types
- Function control via remote control and self-control possible
- Can be switched off remotely when not in use

5 YEARS
MANUFACTURER
WARRANTY



When sophisticated interior design demands discreetly designed escape route signage, design and functionality can be brought into perfect harmony with the SLC/SLD single-battery emergency lights. A wide range of variants enable flexible use — and are already preconfigured for various installation types.

Parameterisable with ESY-Pen and ESY-App. More at: www.esylux.com/esy-pen.

ecnica.pt

INDOOR LIGHTING / EMERGENCY LIGHTS

SLC/SLD

HIGHEST LEVELS OF SAFETY IN HIGH-QUALITY DESIGN

Single-battery emergency light with 3 hour emergency light duration and 25 m (SLC) or 32 m (SLD) detection range

Variants for wall, wall arm, pendulum, surface ceiling and ceiling flush mounting

Self-control (SC) and fail-safe contact (opens in event of fault)

Additional remote control connection (F+, F-) for disabling emergency lighting when building is not in use

Includes illuminant (LEDs)

Function test and self-control feature can be enabled using conventional test key or conveniently using the ESY-Pen

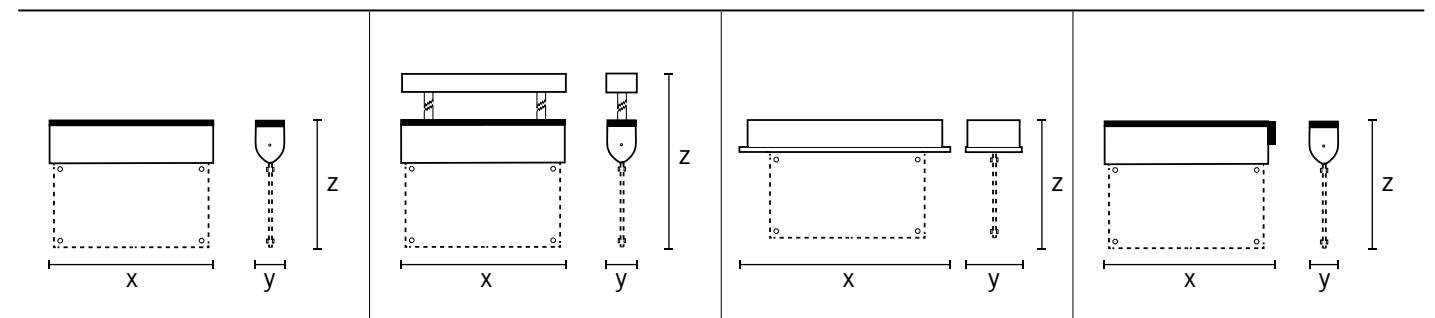
Continual load monitoring with automatic weekly function test and annual continuous function test

Test results indicated by coloured LEDs (green/red)

Continuous and standby mode

Includes rechargeable battery with reverse polarity protected connection

PRODUCT TYPES



Note: Technical data for specific products can be found at www.esylux.com.

SLC/SLD
INDOOR LIGHTING / EMERGENCY LIGHTS



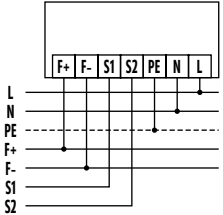
- Single-battery emergency light with 3 hour emergency light duration and 25 m (SLC) or 32 m (SLD) detection range
- Variants for wall, wall arm, pendulum, surface ceiling and ceiling flush mounting
- Self-control (SC) and fail-safe contact (opens in event of fault)
- Additional remote control connection (F+, F-) for disabling emergency lighting when building is not in use
- Includes illuminant (LEDs)
- Function test and self-control feature can be enabled using conventional test key or conveniently using the ESY-Pen
- Continual load monitoring with automatic weekly function test and annual continuous function test
- Test results indicated by coloured LEDs (green/red)
- Continuous and standby mode
- Includes rechargeable battery with reverse polarity protected connection
- Connection via push terminals
- Exclusive symbol

Product group/product name	Item no.	Installation position	Installation type	Light duration	Viewing distance	Luminous flux	Rated output P	Luminous efficacy	Lamp holder	DALI	Automatic testing	Battery	Dimensions (mm)	Circuit diagram	Core portfolio	New product
25 m / SLC																
SLC EL LED 3h 25m IR SC/C PM (aluminium)	EN10031595	Ceiling	PM	25 m		3 W					•	LiFePO ₄	X 300, Y 55, Z 575	CE	•	
SLC EL LED 3h 25m IR SC/C RM (white, similar to RAL 9010)	EN10031601	Ceiling	RM	25 m		3 W					•	LiFePO ₄	X 355, Y 115, Z 215	CE	•	
SLC EL LED 3h 25m IR SC/C SM (aluminium)	EN10031618	Ceiling	SM	25 m		3 W					•	LiFePO ₄	X 300, Y 55, Z 235	CE	•	
SLC EL LED 3h 25m IR SC/C WBM (aluminium)	EN10031632	Wall bracket	SM	25 m		3 W					•	LiFePO ₄	X 315, Y 55, Z 235	CE	•	
SLC EL LED 3h 25m IR SC/C WM (aluminium)	EN10031625	Wall	SM	25 m		3 W					•	LiFePO ₄	X 300, Y 67, Z 235	CE	•	
32 m / SLD																
SLD EL LED 3h 32m IR SC/C PM (aluminium)	EN10031649	Ceiling	PM	32 m		3 W					•	LiFePO ₄	X 360, Y 55, Z 605	CE	•	
SLD EL LED 3h 32m IR SC/C RM (white, similar to RAL 9010)	EN10031656	Ceiling	RM	32 m		3 W					•	LiFePO ₄	X 425, Y 115, Z 245	CE	•	
SLD EL LED 3h 32m IR SC/C SM (aluminium)	EN10031663	Ceiling	SM	32 m		3 W					•	LiFePO ₄	X 360, Y 55, Z 270	CE	•	
SLD EL LED 3h 32m IR SC/C WBM (aluminium)	EN10031687	Wall bracket	SM	32 m		3 W					•	LiFePO ₄	X 375, Y 55, Z 270	CE	•	
SLD EL LED 3h 32m IR SC/C WM (aluminium)	EN10031670	Wall	SM	32 m		3 W					•	LiFePO ₄	X 360, Y 67, Z 270	CE	•	

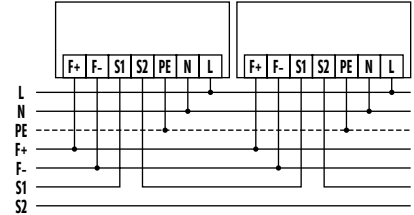
Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
Accessories					
Remote control					
ESY-Pen	EP10425356	ESY-Pen and ESY-App, two tools for every task: (1) Parameterisation, (2) remote control, (3) light measurement, (4) project management	X 166, Y 24, Z 21,5	•	
Symbol					
SLC SYMBOL SET ALTERNATIVE	EN10031694	Alternative symbol set with 25 m detection range for single-battery emergency lights from the SLC series Six symbols (up (both sides), down left, down right, up left, up right), including mounting material	X 290, Y 145, Z 1	•	
SLD SYMBOL SET ALTERNATIVE	EN10031700	Alternative symbol set with 32 m detection range for single-battery emergency lights from the SLD series. Six symbols (up (both sides), down left, down right, up left, up right), including mounting material.	X 350, Y 175, Z 1	•	

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
Spare parts					
SLC PENDULUM SET	EN00433139	Replacement pendulum set for SLC PM series	X 300, Y 52, Z 325	•	
SLC SM BRACKET	EN00433115	Replacement bracket for SLC SM series	X 300, Y 51, Z 16	•	
SLC SYMBOL PANEL	EN00433146	Pictogram set for single-battery emergency luminaires of the SLC series	X 290, Y 6, Z 160	•	
SLC WBM BRACKET	EN00433122	Replacement wall bracket for SLC WBM series	X 315, Y 48, Z 56	•	
SLC WM BRACKET	EN00433108	Replacement wall bracket for SLC WM series	X 300, Y 67, Z 55	•	
SLD SYMBOL PANEL	EN00433153	Pictogram set for single-battery emergency lights of the SLD series	X 350, Y 6, Z 190	•	
Battery					
SLC/SLD BATTERY LiFePO4 1500mAh	EN10433054	Spare battery for emergency lights of the SLC and SLD series, revised from 2022 with LiFePO4 rechargeable battery	X 6819	•	

CE



Standard operation with fail-safe contact and remote switch-off contact.



Series connection with other emergency lights.

- Dual function as escape route signage and emergency lighting
- Function test possible by remote control possible
- Can be switched off remotely when not in use

5 YEARS
MANUFACTURER
WARRANTY



Parameterisable with ESY-Pen and ESY-App. More at: esylux.com/esy-pen.

INDOOR LIGHTING / EMERGENCY LIGHTS

SLE/SLF FLEXIBLE DUAL-FUNCTION EMERGENCY LIGHTING

Single-battery emergency light with 3-hour/8-hour emergency light duration and 23-m (SLE) or 30-m (SLF) detection range

Dual function as escape route signage and emergency lighting

3 h mode uses the symbol illumination and downlight function / 8 h mode uses the symbol illumination in emergency mode

Variants for wall and surface ceiling mounting

Self-control (SC) and fail-safe contact (opens in event of fault)

Additional remote control connection (F+, F-) for disabling emergency lighting when building is not in use

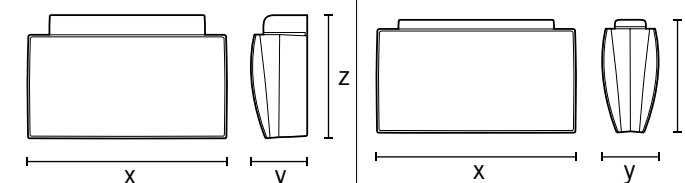
Includes illuminant (LEDs)

Function test and self-control feature can be enabled using a conventional test key or using the convenient ESY-Pen

Continual load monitoring with automatic weekly function test and annual continuous function test

Test results indicated by coloured LEDs (green/red)

PRODUCT TYPES



Note: Technical data for specific products can be found at www.esylux.com.

The SLE/SLF series single-battery emergency lights are a classic solution for escape route signage where an optional emergency light duration of eight hours is also required in addition to the appropriate detection range. The simple function test takes place using the test key or remote control. A wide range of accessories enable use and easy installation in all common environments.

SLE/SLF
INDOOR LIGHTING / EMERGENCY LIGHTS

- 
- Single-battery emergency light with 3-hour/8-hour emergency light duration and 23-m (SLE) or 30-m (SLF) detection range
 - Dual function as escape route signage and emergency lighting
 - 3 h mode uses the symbol illumination and downlight function / 8 h mode uses the symbol illumination in emergency mode
 - Variants for wall and surface ceiling mounting
 - Self-control (SC) and fail-safe contact (opens in event of fault)
 - Additional remote control connection (F+, F-) for disabling emergency lighting when building is not in use
 - Includes illuminant (LEDs)
 - Function test and self-control feature can be enabled using a conventional test key or using the convenient ESY-Pen
 - Continual load monitoring with automatic weekly function test and annual continuous function test
 - Test results indicated by coloured LEDs (green/red)
 - Continuous and standby mode
 - Includes rechargeable battery with reverse polarity protected connection
 - Connection via push terminals

Product group/product name	Item no.	Installation position	Installation type	Light duration	Viewing distance	Luminous flux	Rated output P	Luminous efficacy	Lamp holder	DALI	Automatic testing	Battery	Dimensions (mm)	Circuit diagram	Core portfolio	New product
23 m / SLE																
SLE EL LED 3h/8h 23m IR SC/C SM (white, similar to RAL 9003)	EN10061813	Ceiling	SM	3 h	23 m	65 lm	4 W	16 lm/W			•	LiFePO ₄	X 245, Y 67, Z 138	CF	•	
SLE EL LED 3h/8h 23m IR SC/C WM (white, similar to RAL 9003)	EN10061806	Wall	SM	3 h	23 m	65 lm	4,5 W	14 lm/W			•	LiFePO ₄	X 245, Y 70, Z 147	CF	•	
30 m / SLF																
SLF EL LED 3h/8h 30m IR SC/C SM (white, similar to RAL 9003)	EN10061837	Ceiling	SM	3 h	30 m	65 lm	5 W	13 lm/W			•	LiFePO ₄	X 306, Y 72, Z 170	CF	•	
SLF EL LED 3h/8h 30m IR SC/C WM (white, similar to RAL 9003)	EN10061820	Wall	SM	3 h	30 m	65 lm	5 W	13 lm/W			•	LiFePO ₄	X 306, Y 75, Z 184	CF	•	

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
Accessories					
Protection					
SLE 24 BASKET GUARD WALL	EN10017995	Basket guard for SLE series, 100 mm high	X 290, Y 205, Z 105	•	
SLF 30 BASKET GUARD WALL	EN10017971	Basket guard for SLF series, 100 mm high	X 360, Y 250, Z 105	•	
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	•	
Symbol					
SLE 23 SYMBOL SET 2	EN10032752	Symbol set for SLE series, 23 m, detection range right upwards, left upwards, right downwards, left downwards	X 240, Y 115, Z 1	•	
SLF 30 SYMBOL SET 2	EN10032806	Symbol set for SLF series, 30 m, detection range right upwards, left upwards, right downwards, left downwards	X 300, Y 150, Z 1	•	

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
Accessories					
Symbol					
SLA 14 SYMBOL SET 2	EN10032707	Symbol set for SLA series, 14 m, detection range, up right, up left, down right, down left	X 310, Y 70, Z 1	•	
SLB 21 SYMBOL SET 2	EN10032738	Symbol set for SLB series, 21 m, detection range, up right, up left, down right, down left	X 210, Y 105, Z 1	•	
SLC SYMBOL SET ALTERNATIVE	EN10031694	Alternative symbol set with 25 m detection range for single-battery emergency lights from the SLC series Six symbols (up (both sides), down left, down right, up left, up right), including mounting material	X 290, Y 145, Z 1	•	
SLD SYMBOL SET ALTERNATIVE	EN10031700	Alternative symbol set with 32 m detection range for single-battery emergency lights from the SLD series. Six symbols (up (both sides), down left, down right, up left, up right), including mounting material.	X 350, Y 175, Z 1	•	
SLE 23 SYMBOL SET 2	EN10032752	Symbol set for SLE series, 23 m, detection range right upwards, left upwards, right downwards, left downwards	X 240, Y 115, Z 1	•	
SLF 30 SYMBOL SET 2	EN10032806	Symbol set for SLF series, 30 m, detection range right upwards, left upwards, right downwards, left downwards	X 300, Y 150, Z 1	•	
SLX 14 FLAT SYMBOL SET II	EN10077135	Symbol set for SLX series, FLAT, 14 m detection range right upwards, left upwards, right downwards, left downwards	X 310, Y 90, Z 1	•	
SLX 24 FLAT SYMBOL SET II	EN10077517	Symbol set for SLX series, FLAT, 24 m detection range right upwards, left upwards, right downwards, left downwards	X 370, Y 130, Z 1	•	
SLX FLAT 14 SYMBOL SET 2	EN10077807	Pictogram set for series SLX, FLAT, 14 m detection range top right, top left, bottom right, bottom left	X 310, Y 90, Z 1	•	★
SLX FLAT 24 SYMBOL SET 2	EN10077821	Pictogram set for series SLX, FLAT, 24 m detection range top right, top left, bottom right, bottom left	X 370, Y 130, Z 1	•	★

Spare parts					
SLA DIFFUSOR	EN00032813	Replacement diffuser for SLA series (from 2021), including pictogram set	X 355, Y 89, Z 80	•	
SLB DIFFUSOR	EN00032820	Replacement diffuser for SLB series (from 2021), including pictogram set	X 247, Y 135, Z 125,5	•	
SLC SYMBOL PANEL	EN00433146	Pictogram set for single-battery emergency luminaires of the SLC series	X 290, Y 6, Z 160	•	
SLD SYMBOL PANEL	EN00433153	Pictogram set for single-battery emergency lights of the SLD series	X 350, Y 6, Z 190	•	
SLE / SLF WM BRACKET	EN00032875	Replacement wall bracket for SLE/SLF WM series	X 198, Y 59, Z 82	•	
SLE SM DIFFUSOR	EN00032844	Replacement diffuser for SLE SM series (from 2022), including pictogram set	X 245, Y 18, Z 124	•	
SLE SM DIFFUSOR	EN00032844	Replacement diffuser for SLE SM series (from 2022), including pictogram set	X 245, Y 18, Z 124	•	
SLE WM DIFFUSOR	EN00032837	Replacement diffuser for SLE WM series (from 2022), including pictogram set	X 245, Y 18, Z 124	•	
SLE WM DIFFUSOR	EN00032837	Replacement diffuser for SLE WM series (from 2022), including pictogram set	X 245, Y 18, Z 124	•	
SLF SM DIFFUSOR	EN00032868	Replacement diffuser for SLF SM series (from 2022), including pictogram set	X 305, Y 18, Z 159	•	
SLF SM DIFFUSOR	EN00032868	Replacement diffuser for SLF SM series (from 2022), including pictogram set	X 305, Y 18, Z 159	•	
SLF WM DIFFUSOR	EN00032851	Replacement diffuser for SLF WM series (from 2022), including pictogram set	X 305, Y 18, Z 159	•	
SLF WM DIFFUSOR	EN00032851	Replacement diffuser for SLF WM series (from 2022), including pictogram set	X 305, Y 18, Z 159	•	

Battery					
SLE/SLF/SLX/ELX BATTERY LiFePO4 1500mAh	EN10077784	Spare battery for emergency lights of the SLE and SLF series, revised from 2022 with LiFePO4 rechargeable battery	X 20, Z 69	•	
Symbol					
SLA 14 SYMBOL SET 1	EN10032769	Symbol set for SLA series, 14 m detection range, arrow right, left, upwards and downwards	X 310, Y 70, Z 1	•	
SLB 21 SYMBOL SET 1	EN10032783	Symbol set for SLB series, 21 m, detection range, right, left, up, down	X 210, Y 105, Z 1	•	
SLE 23 SYMBOL SET 1	EN10032745	Symbol set (23-m viewing distance) for single-battery emergency lights of the SLE series (arrows: right, left, up, 2x down and blank white)	X 240, Y 115, Z 1	•	
SLE 23 SYMBOL SET 1	EN10032745	Symbol set (23-m viewing distance) for single-battery emergency lights of the SLE series (arrows: right, left, up, 2x down and blank white)	X 240, Y 115, Z 1	•	
SLF 30 SYMBOL SET 1	EN10032790	Symbol set (30-m viewing distance) for single-battery emergency lights from the SLE series (arrows: right, left, up, 2x down and blank white)	X 300, Y 150, Z 1	•	
SLF 30 SYMBOL SET 1	EN10032790	Symbol set (30-m viewing distance) for single-battery emergency lights from the SLE series (arrows: right, left, up, 2x down and blank white)	X 300, Y 150, Z 1	•	
SLX 14 FLAT SYMBOL SET I	EN10077128	Symbol set for SLX series, FLAT, 14 m detection range right, left, upwards, downwards	X 310, Y 90, Z 1	•	
SLX 24 FLAT SYMBOL SET I	EN10077500	Symbol set for SLX series, FLAT, 24 m detection range right, left, upwards, downwards	X 370, Y 130, Z 1	•	
SLX 24 HIGH COVER SYMBOL SET I	EN10077142	Symbol set for SLX series, High Cover, 24 m detection range right, left, upwards, downwards	X 240, Y 120, Z 1	•	
SLX FLAT 14 SYMBOL SET 1	EN10077791	Pictogram set for the SLX series, FLAT, 14 m detection range right, left, up, down	X 310, Y 90, Z 1	•	★

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
SLX FLAT 24 SYMBOL SET 1	EN10077814	Set of pictograms for the SLX series, FLAT, 24 m detection range, right, left, up, down	X 370, Y 130, Z 1	•	★

CF

F+

F-

S1

S2

N

L

L

N

PE

F+

F-

S1

S2

Standard operation with fail-safe contact and remote switch-off contact.

F+

F-

S1

S2

N

L

L

N

PE

F+

F-

S1

S2

Series connection with other emergency lights.

130 SLE/SLF / EMERGENCY LIGHTS

SLE/SLF / EMERGENCY LIGHTS 131

• Function control via remote control possible

5 YEARS
MANUFACTURER
WARRANTY



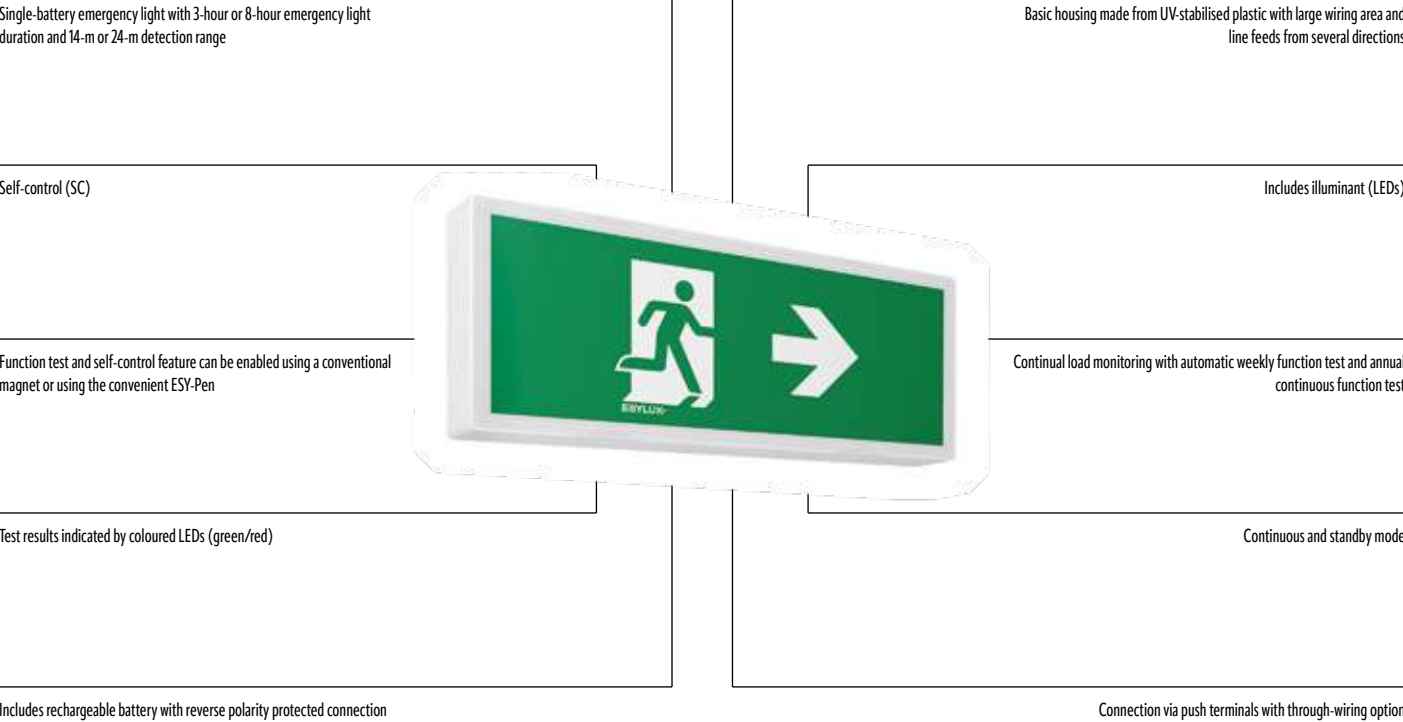
The SLX series emergency lights provide variable LED solutions for indicating escape routes.

Parameterisable with ESY-Pen and ESY-App. More at: esylux.com/esy-pen.

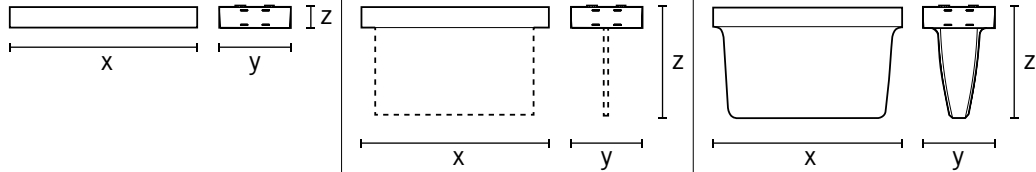
www.esylux.com/tecnicaportuguese

INDOOR LIGHTING / EMERGENCY LIGHTS

SLX MODULAR CONCEPT WITH EASY INSTALLATION



PRODUCT TYPES



Note: Technical data for specific products can be found at www.esylux.com.

SLX
INDOOR LIGHTING / EMERGENCY LIGHTS



- Single-battery emergency light with 3-hour or 8-hour emergency light duration and 14-m or 24-m detection range
- Basic housing made from UV-stabilised plastic with large wiring area and line feeds from several directions
- Self-control (SC)
- Includes illuminant (LEDs)
- Function test and self-control feature can be enabled using a conventional magnet or using the convenient ESY-Pen
- Continual load monitoring with automatic weekly function test and annual continuous function test
- Test results indicated by coloured LEDs (green/red)
- Continuous and standby mode
- Includes rechargeable battery with reverse polarity protected connection
- Connection via push terminals with through-wiring option

Product group/product name	Item no.	Installation position	Installation type	Light duration	Viewing distance	Luminous flux	Rated output P	Luminous efficacy	Lamp holder	DALI	Automatic testing	Battery	Dimensions (mm)	Circuit diagram	Core portfolio	New product
14 m / Flat																
SLX EL LED FLAT COVER 3h/8h 14m 1R SC SM (white, similar to RAL 9003)	EN10077074	Wall	SM	14 m			3 W				•	LiFePO ₄	X 328, Y 108, Z 46	DH	•	★
24 m / Flat																
SLX EL LED FLAT COVER 3h/8h 24m 1R SC SM (white, similar to RAL 9003)	EN10077081	Wall	SM	24 m			3 W				•	LiFePO ₄	X 388, Y 148, Z 46	DH	•	★

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
Accessories					
Protection					
SLX/ELX BASKET GUARD CEILING	EN10077296	Basket guard for SLX and ELX series, 260 mm high	X 440, Y 230, Z 260	•	
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	•	
Symbol					
SLX FLAT 14 SYMBOL SET 2	EN10077807	Pictogram set for series SLX, FLAT, 14 m detection range top right, top left, bottom right, bottom left	X 310, Y 90, Z 1	•	★
SLX FLAT 24 SYMBOL SET 2	EN10077821	Pictogram set for series SLX, FLAT, 24 m detection range top right, top left, bottom right, bottom left	X 370, Y 130, Z 1	•	★

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
Spare parts					
Battery					
SLE/SLF/SLX/ELX BATTERY LiFePO4 1500mAh	EN10077784	Spare battery for emergency lights of the SLE and SLF series, revised from 2022 with LiFePO4 rechargeable battery	X 20, Z 69	•	
Symbol					
SLX FLAT 14 SYMBOL SET 1	EN10077791	Pictogram set for the SLX series, FLAT, 14 m detection range right, left, up, down	X 310, Y 90, Z 1	•	★
SLX FLAT 24 SYMBOL SET 1	EN10077814	Set of pictograms for the SLX series, FLAT, 24 m detection range, right, left, up, down	X 370, Y 130, Z 1	•	★

DH

Standard operation.

• Portable spotlight with emergency light feature

5

YEARS
MANUFACTURER
WARRANTY



The SLP-2 portable spotlight with emergency light feature is impressive thanks to its high luminosity and robustness. Whether continuous or flashing lights are required, clever details enable flexible use in buildings or as standard equipment for response vehicles.

ecnica.pt

INDOOR LIGHTING / PORTABLE SPOTLIGHT

SLP-2

MOBILE LIGHTING FOR ALL EVENTUALITIES

Portable spotlight with emergency light feature

4-hour work light, 8-hour continuous light or 8-hour flashing light can be selected using the button

Includes orange filter on the back

Standby mode for automatically switching on the light in the charging cradle in the event of a power failure

Charging cradle with power supply for connecting to 230 V and with plug for 12-V DC vehicle sockets

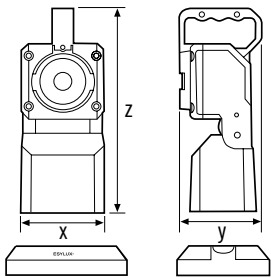
Maintenance-free lithium-ion rechargeable battery with charge status and capacity indicator

Lamp head can be swivelled 120° horizontally

Mounting bracket for mounting the charging cradle on a wall is available as an accessory



PRODUCT TYPES



Note: Technical data for specific products can be found at www.esylux.com.

SLP-2
INDOOR LIGHTING / PORTABLE SPOTLIGHT



- Portable spotlight with emergency light feature
- 4-hour work light, 8-hour continuous light or 8-hour flashing light can be selected using the button
- Includes orange filter on the back
- Standby mode for automatically switching on the light in the charging cradle in the event of a power failure
- Charging cradle with power supply for connecting to 230 V and with plug for 12-V DC vehicle sockets
- Maintenance-free lithium-ion rechargeable battery with charge status and capacity indicator
- Lamp head can be swivelled 120° horizontally
- Mounting bracket for mounting the charging cradle on a wall is available as an accessory

Product group/product name	Item no.	Installation position	Installation type	Light duration	Viewing distance	Luminous flux	Rated output P	Luminous efficacy	Lamp holder	DALI	Automatic testing	Battery	Dimensions (mm)	Circuit diagram	Core portfolio	New product
6200 K																
SLP-2 (red/black)	EN10050015	Wall	Surface / vehicle			235 lm						Li-Ion	X 122, Y 93,5, Z 270		•	

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
Accessories					
Mounting					
SLP-2 WALL MOUNTING PLATE	EN10050206	Wall bracket for the charging cradle of the SLP-2 portable spotlight	X 150, Y 130, Z 110	•	

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
Spare parts					
Battery					
SLP-2 BATTERY Li-Ion 2200mAh	EN10061127	Spare Li-ion rechargeable battery (7.4 V/2200 mAh) for SLP-2 portable spotlight with plug connection protected against reverse polarity	X 38, Y 19,5, Z 68	•	
Power supply					
SLP-2 POWER SUPPLY	EN10061110	Plug-in power supply for portable spotlight	X 62, Y 36, Z 49	•	



- 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

RC
RELIABLE DETECTION FOR FLEXIBLE USE



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.

Parameterisable with ESY-Pen and ESY-App. More at: esylux.com/esy-pen.

Movement- and daylight-dependent switching of outdoor lighting

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

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

Immediately ready for use due to pre-installed factory settings

High level of safety due 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)

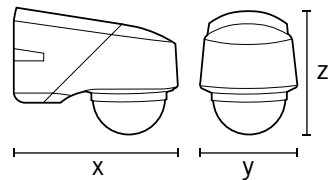
Simple through-wiring due to the double cable entry with elastic sealing membrane

Retractable setting elements prevent unintentional adjustment of parameters

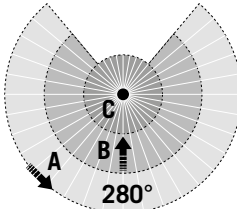
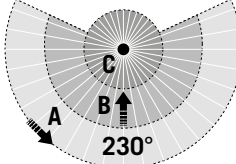
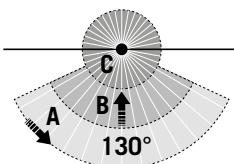
Particularly wide range of options for adapting the detection range to the respective conditions at the property

Zero-cross switching for LED lighting to protect the relay

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.

RC
OUTDOOR AUTOMATION / MOTION DETECTORS

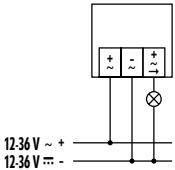


- Movement- and daylight-dependent switching of outdoor lighting
- Easy wall or ceiling mounting due to pivot joint and one-handed plug-in base with large wiring space
- Special bracket for mounting on inner and outer corners available as an accessory (included in delivery with 280° version)
- Immediately ready for use due to pre-installed factory settings
- High level of safety due 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 due to the double cable entry with elastic sealing membrane
- Retractable setting elements prevent unintentional adjustment of parameters
- Particularly wide range of options for adapting the detection range to the respective conditions at the property
- Zero-cross switching for LED lighting to protect the relay

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 / 12 - 36 V UC																		
12 - 36 V UC																		
RC 230i UC (white, similar to RAL 9010)	EM10015649	230°	Ø 40 m	SM	1	Switching				•			IP54	X 135, Y 78, Z 105		AV	•	
Motion detectors / Ceiling and wall mounting / KNX																		
KNX																		
RC 230 KNX BK (Black)	EM10015489	230°	Ø 40 m	SM	2	Switching/Regulate	•	1		•	1	•	•	IP54	X 135, Y 78, Z 105	O	•	★
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	O	•	
Motion detectors / Ceiling and wall mounting / ON/OFF																		
ON/OFF																		
RC 130i BK (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 BN (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 WH (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 280i BK (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 BN (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 WH (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	•	
RC 230i SSL (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 230i BK (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 BN (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 WH (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	•	

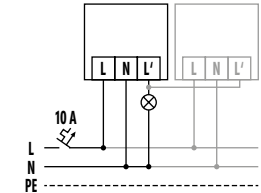
Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
Accessories					
Electrical accessories					
FILTER 230 V	EP10426988	Filter for suppression of inductive loads, such as relays, contactors, fluorescent lamps and transformers	X 62, Y 26, Z 10	•	
Mounting					
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	•	
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	•	
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

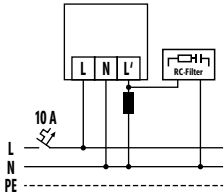


Standard operation.

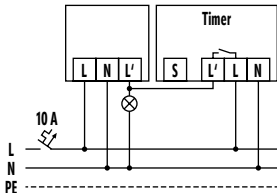
AW



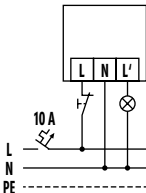
Standard operation with optional parallel wiring of max. eight motion detectors.



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

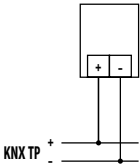


Standard operation with automatic stairwell light.



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

0



Standard operation.



DEFENSOR EASILY OFFERS MORE PROTECTION

- 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



Parameterisable with ESY-Pen and ESY-App. More at: esylux.com/esy-pen.

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 or remote controls for installer and user. 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.

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

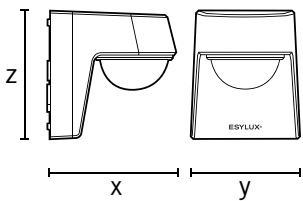
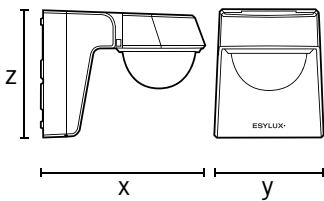
Factory settings ensure immediate operability

Easy to configure using the ESY-Pen and ESY-App or with remote controls for installer and user

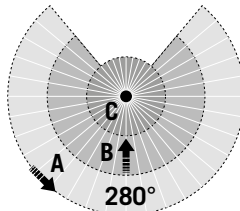
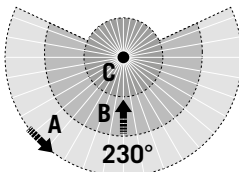
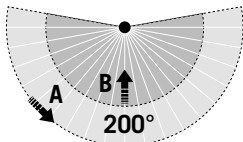
Flexible sensor head for wall and ceiling mounting (230° and 280°)

Quick installation using push terminals up to 2.5 mm²

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.

DEFENSOR

OUTDOOR AUTOMATION / MOTION DETECTORS



- 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 or with remote controls for installer and user
- Flexible sensor head for wall and ceiling mounting (230° and 280°)
- Quick installation using push terminals up to 2.5 mm²
- 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 91,5, Z 108	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 91,5, Z 108	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 91,5, Z 108	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 91,5, Z 108	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 91,5, Z 108	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 91,5, Z 108	AX	•	

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
Accessories					
Adapter					
DEFENSOR SPACER AN	EM10025433	Spacer for DEFENSOR series, anthracite	X 86,5, Y 85,2, Z 28	•	
DEFENSOR SPACER WH	EM10025426	Spacer for DEFENSOR series, white	X 86,5, Y 85,2, Z 28	•	
Mounting					
DEFENSOR EDGE MOUNTING AN	EM10025457	Corner bracket for DEFENSOR series, anthracite	X 107,5, Y 91,5, Z 31,2	•	
DEFENSOR EDGE MOUNTING WH	EM10025419	Corner bracket for DEFENSOR series, white	X 107,5, Y 91,5, Z 31,2	•	
Remote control					
DEFENSOR REMOTE CONTROL	EM10025501	IR remote control for quickly and easily adjusting the level of brightness, switch-off delay time, detection sensitivity and other parameters.	X 100, Y 50, Z 9	•	
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	•	

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
Spare parts					
Adapter					
DEFENSOR RUBBER CAP	EM10025662	Rubber cap for sensor head	X 8, Z 11	•	★
Mounting					
DEFENSOR WALL PLATE WITH TPE AN	EM10025686	DEFENSOR mounting base, graphite gray	X 108, Y 92, Z 22	•	★
DEFENSOR WALL PLATE WITH TPE WH	EM10025679	DEFENSOR mounting base, white	X 108, Y 92, Z 22	•	★

AX

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 (RC-Filter) may be necessary.

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

5 YEARS
MANUFACTURER
WARRANTY

OUTDOOR AUTOMATION / MOTION DETECTORS

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 thanks to IR remote control (e.g. switch on/off of lighting or automatic input of the current light value)

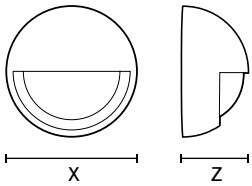
Simple through-wiring due to double line entrance with elastic sealing membrane

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.

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 at: esylux.com/esy-pen.

MD-W
OUTDOOR AUTOMATION / MOTION DETECTORS



- 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 thanks to IR remote control (e.g. switch on/off of lighting or automatic input 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 BK (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 WH (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 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	•	

AW

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

An RC filter (A) 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

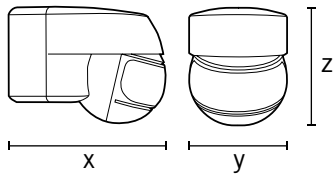
Simple adjustment of the range and field of detection thanks to the revolving and tilting ball head technology and the lens cover, which can be cut to size

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.

MD
OUTDOOR AUTOMATION / MOTION DETECTORS



- 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
Motion detectors / Wall mounting / ON/OFF																		
ON/OFF																		
MD 120 BK (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 BN (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 WH (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 BK (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 BN (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 WH (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
Accessories					
Electrical accessories					
FILTER 230 V	EP10426988	Filter for suppression of inductive loads, such as relays, contactors, fluorescent lamps and transformers	X 62, Y 26, Z 10	•	
Mounting					
MD EDGE MOUNTING BK	EM10025532	Corner bracket for MD series, black	X 65, Y 72, Z 25	•	
MD EDGE MOUNTING WH	EM10025518	Corner bracket for MD series, white	X 65, Y 72, Z 25	•	

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
Spare parts					
MD LENS CLIPS BK	EM00025716	Replacement cover clips for MD series detectors, black	X 23, Y 8, Z 32	•	
MD LENS CLIPS BR	EM00025709	Replacement cover clips for MD series detectors, brown	X 23, Y 8, Z 32	•	
MD LENS CLIPS WH	EM00025723	Replacement cover clips for MD series detectors, white	X 23, Y 8, Z 32	•	

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.

www.nortecnica.pt

OUTDOOR AUTOMATION / MOTION DETECTORS

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

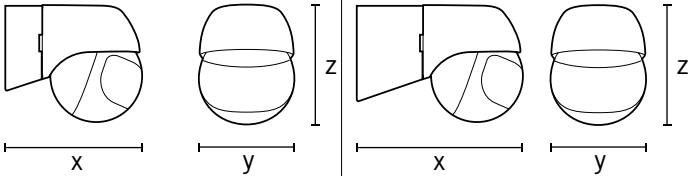
Easy adjustment of range and field of detection with revolving and tilting ball-head technology

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

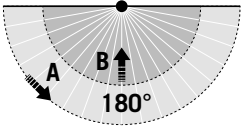
Large variant with more wiring area for cables up to 2.5 mm²



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.

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 mm²

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 L BK (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 WH (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	•	
MD 180 BASIC BK (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 WH (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	•	

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.

Standard operation with automatic stairwell light.

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



- 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 or remote controls for installer and user.



Parameterisable with ESY-Pen and ESY-App. More at: esylux.com/esy-pen.

OUTDOOR AUTOMATION / TWILIGHT SWITCH

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 mm²

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

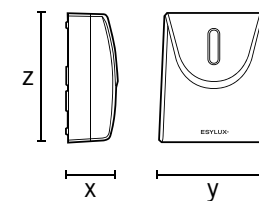
Easy to configure using the ESY-Pen and ESY-App or with remote controls for installer and user

Switching delay prevents switching errors

Zero-cross switching for LED switching that protects the relay



PRODUCT TYPES



Note: Technical data for specific products can be found at www.esylux.com.

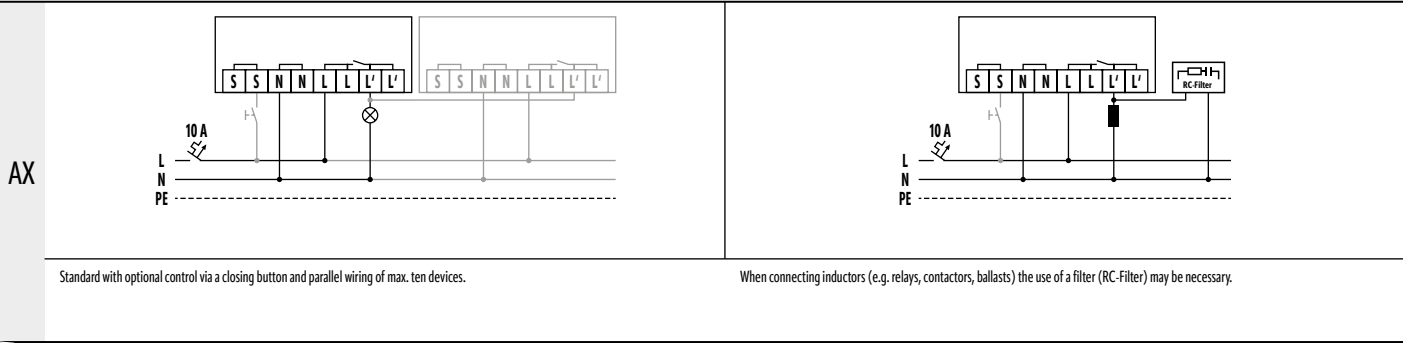
DEFENSOR
OUTDOOR AUTOMATION / TWILIGHT SWITCH



- 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 mm²
- 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 or with remote controls for installer and user
- 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 46, Y 92, Z 108	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 46, Y 92, Z 108	AX	•	

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
Accessories					
Adapter					
DEFENSOR SPACER WH	EM10025426	Spacer for DEFENSOR series, white	X 86,5, Y 85,2, Z 28	•	
Mounting					
DEFENSOR EDGE MOUNTING WH	EM10025419	Corner bracket for DEFENSOR series, white	X 107,5, Y 91,5, Z 31,2	•	
Remote control					
DEFENSOR REMOTE CONTROL	EM10025501	IR remote control for quickly and easily adjusting the level of brightness, switch-off delay time, detection sensitivity and other parameters.	X 100, Y 50, Z 9	•	
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	•	



• 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.

www.nortecnica.pt

OUTDOOR AUTOMATION / TWILIGHT SWITCH

CDS
**UNOBTRUSIVE, RELIABLE, EASILY
INSTALLED**

Daylight dependent switching of outdoor lighting

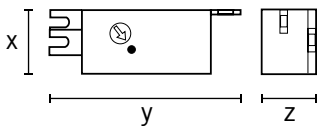
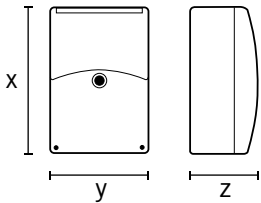
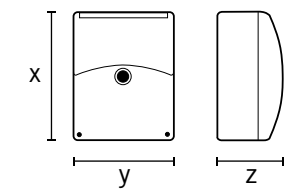
Simple installation due to the large connection space and push terminals
up to 2.5 mm²

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.



- Daylight dependent switching of outdoor lighting
- Simple installation due to the large connection space and push terminals up to 2.5 mm²
- 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
Twilight switch / Wall mounting / ON/OFF												
ON/OFF												
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		BB	
	Standard operation.		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.

www.nortecnica.pt

OUTDOOR LIGHTING / WALL LIGHTS

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

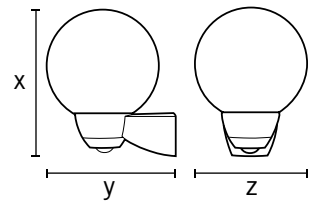
Simple adjustment of the range and field of detection thanks to the lens cover, which can be cut to size

Switching output for connecting additional lights

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



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.

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
GARDA / opal																	
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	•	
MONZA / transparent																	
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	•	

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
Spare parts					
Cover					
Systemglas AL GARDA	EL10026157	System glass for lights: AL GARDA	X 215, Z 210	•	
Systemglas AL MONZA	EL10026164	System glass for lights: AL MONZA	X 215, Z 210	•	

BG		
	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.		

WILMA

SAFE LIGHTING IN AN ELEGANT DESIGN

- Light colour can be flexibly switched between 2700 and 4000 K
- Versions with integrated motion detectors
- Motion detectors with additional afterglow or orientation light

5 YEARS
MANUFACTURER
WARRANTY



Whether on facades or in entrance areas: the elegant LED wall lights in the WILMA series not only blend harmoniously into any environment, they also feature an optional intelligent motion detectors. This ensures energy-efficient and convenient operation and, if required, provides additional security after dark due to dimmed afterglow or orientation light. The robust housing of the luminaires stands for high reliability, while well-thought-out details simplify installation.

Timelessly elegant design with robust housing (protection type IP65)

Light colour can be switched on the rear of the housing (2700/4000 K)

Versions with integrated motion detectors for demand-driven switching of the lighting

Motion detectors with twilight-dependent light modes for greater safety due to dimmed afterglow or orientation light

Motion detectors with soft fading in and out

Motion detectors with anti-creep protection

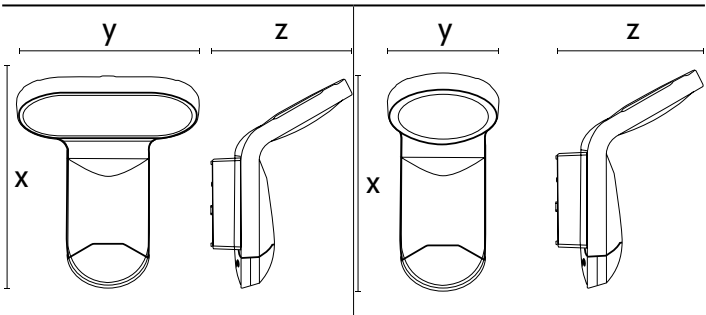
Basic settings of the motion detectors can be adjusted via potentiometer or conveniently with ESY-Pen & ESY-App or remote control

Password protection against unauthorized parameterization via remote control or app

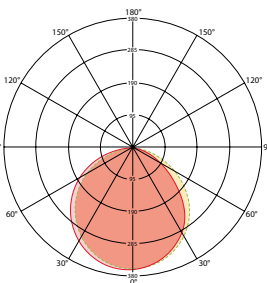
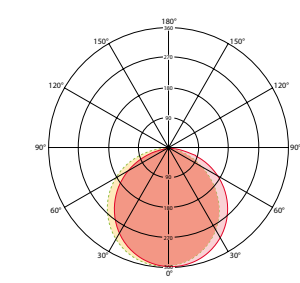
Extension of the field of detection due to connecting several luminaires with motion detectors in parallel

Easy limitation of the field of detection and range by means of a cut-to-size lens cover

PRODUCT TYPES

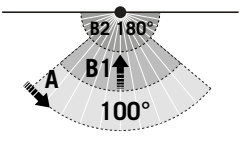


LIGHT DISTRIBUTION



■ C0, ■ C90, ■ C0 / C90

FIELD OF DETECTION



DETECTION RANGE

	Wall 10 m
■ Diagonally (A)	10 m
■ Frontal (B1)	3 m
■ Frontal (B2)	2,5 m

Note: Technical data for specific products can be found at www.esylux.com.

WILMA
OUTDOOR LIGHTING / WALL LIGHTS



- Timelessly elegant design with robust housing (protection type IP65)
- Light colour can be switched on the rear of the housing (2700/4000 K)
- Versions with integrated motion detectors for demand-driven switching of the lighting
- Motion detectors with twilight-dependent light modes for greater safety due to dimmed afterglow or orientation light
- Motion detectors with soft fading in and out
- Motion detectors with anti-creep protection
- Basic settings of the motion detectors can be adjusted via potentiometer or conveniently with ESY-Pen & ESY-App or remote control
- Password protection against unauthorized parameterization via remote control or app
- Extension of the field of detection due to connecting several luminaires with motion detectors in parallel
- Easy limitation of the field of detection and range by means of a cut-to-size lens cover
- Lights with motion detectors including push button input
- Easy wall mounting of all luminaires due to universal one-hand plug-in base with large wiring space
- Easy through-wiring due to double cable entry with elastic sealing membrane
- Enclosed plug-in terminal for easy through-wiring of the protective conductor

Product group/product name	Item no.	Light colour (IEC1231)	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
WILMA WL 100 OP 1000 827/840 IP65 AN (graphite grey, similar to RAL 7024)	EL10851001	827/840	1000 lm	9 W	111 lm/W			OP	IP65	ON/OFF			LED EEC D	X 209, Y 107, Z 141	DJ	•	★
WILMA WL 100 OP 1000 827/840 IP65 WH (white, similar to RAL 9003)	EL10851018	827/840	1000 lm	9 W	111 lm/W			OP	IP65	ON/OFF			LED EEC D	X 209, Y 107, Z 141	DJ	•	★
WILMA WL 100 OP 1000 827/840 MD IP65 IR AN (graphite grey, similar to RAL 7024)	EL10851049	827/840	1000 lm	9,5 W	105 lm/W			OP	IP65	ON/OFF		•	LED EEC D	X 209, Y 107, Z 141	DK	•	★
WILMA WL 100 OP 1000 827/840 MD IP65 IR WH (white, similar to RAL 9003)	EL10851056	827/840	1000 lm	9,5 W	105 lm/W			OP	IP65	ON/OFF		•	LED EEC D	X 209, Y 107, Z 141	DK	•	★
WILMA WL 200 OP 1600 827/840 IP65 AN (graphite grey, similar to RAL 7024)	EL10851025	827/840	1600 lm	14,5 W	110 lm/W			OP	IP65	ON/OFF			LED EEC D	X 209, Y 181, Z 141	DJ	•	★
WILMA WL 200 OP 1600 827/840 IP65 WH (white, similar to RAL 9003)	EL10851032	827/840	1600 lm	14,5 W	110 lm/W			OP	IP65	ON/OFF			LED EEC D	X 209, Y 181, Z 141	DJ	•	★
WILMA WL 200 OP 1600 827/840 MD IP65 IR AN (graphite grey, similar to RAL 7024)	EL10851063	827/840	1600 lm	15 W	106 lm/W			OP	IP65	ON/OFF		•	LED EEC D	X 209, Y 181, Z 141	DK	•	★
WILMA WL 200 OP 1600 827/840 MD IP65 IR WH (white, similar to RAL 9003)	EL10851070	827/840	1600 lm	15 W	106 lm/W			OP	IP65	ON/OFF		•	LED EEC D	X 209, Y 181, Z 141	DK	•	★

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
Accessories					
Mounting					
WILMA EDGE MOUNTING AN	EL10851100	Corner bracket for WILMA series, colour: anthracite	X 80, Y 75, Z 21	•	★
WILMA EDGE MOUNTING WH	EL10851117	Corner bracket for WILMA series, colour: white	X 80, Y 75, Z 21	•	★
Remote control					
DEFENSOR REMOTE CONTROL	EM10025501	IR remote control for quickly and easily adjusting the level of brightness, switch-off delay time, detection sensitivity and other parameters.	X 100, Y 50, Z 9	•	
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 27	•	

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
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	•	

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
Spare parts					
Cover					
WILMA LENS MASK STICKER	EL10851148	Spare part: Sticker for use as a lens mask for the WILMA series	X 100, Y 58, Z 0,2	•	★

DJ		DK	
	Standard operation.		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



ESY

+



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 at: esylux.com/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)

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

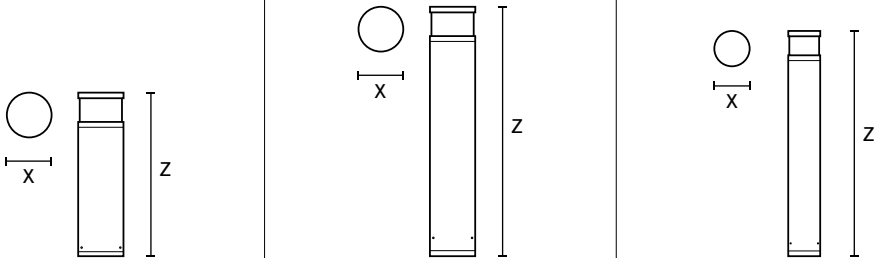
Meets requirements for installation in public areas (IP65, IK09)

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

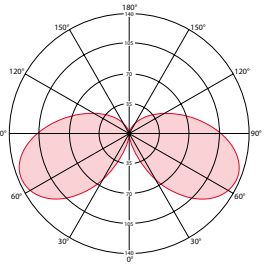
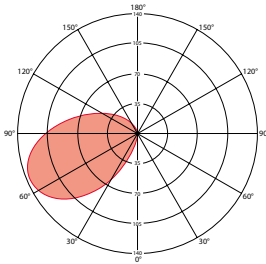
Concealed LED arrangement, no glare from direct light



PRODUCT TYPES

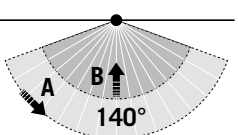


LIGHT DISTRIBUTION



■ C0, ■ C90, ■ C0 / C90

FIELD OF DETECTION



DETECTION RANGE

	Wall 6 m
■ Diagonally (A)	6 m
■ Frontal (B)	2 m

Note: Technical data for specific products can be found at www.esylux.com.

ALVA

OUTDOOR LIGHTING / BOLLARD LIGHTS



- 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)
- Variants with motion detectors for motion-dependent and daylight-dependent lighting switching and a DALI networking option; integration of 230-V end devices using 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 (IEC1231)	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
3000 K / 180° / 540 mm / Ø 170 mm																	
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	•	
3000 K / 180° / 940 mm / Ø 170 mm																	
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	•	
3000 K / 360° / 540 mm / Ø 170 mm																	
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	•	
3000 K / 360° / 700 mm / Ø 100 mm																	
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	BN	•	
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	BN	•	
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	•	

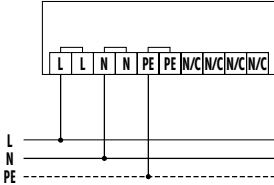
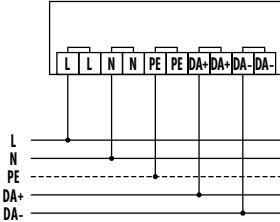
Product group/product name	Item no.	Light colour (IEC1231)	Luminous flux	Rated output P	Luminous efficacy	Unified Glare Rating	Glare suppression	Diffuser	Protection type	Control system	BT (Bluetooth)	Sensor	Energy efficiency class	Dimensions (mm)	Circuit diagram	Core portfolio	New product
ALVA BL 700/100 TR 360° 500 830 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	BN	•	
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	BN	•	
3000 K / 360° / 940 mm / Ø 170 mm																	
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	•	
4000 K / 180° / 940 mm / Ø 170 mm																	
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 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	•	
4000 K / 360° / 540 mm / Ø 170 mm																	
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	•	
4000 K / 360° / 700 mm / Ø 100 mm																	
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	BN	•	
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	BN	•	
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	BN	•	
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	BN	•	
4000 K / 360° / 940 mm / Ø 170 mm																	
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	•	

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 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 EEE	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 EEE	X 170, Z 940	BN	•	

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
Accessories					
Electrical accessories					
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	•	
Mounting					
ALVA GROUND SPIKE 100	EL10820182	Ground anchor galvanised for installation of bollard lights in concrete foundation or solid ground	X 90, Z 590	•	
ALVA GROUND SPIKE 170	EL10820199	Ground anchor galvanised for installation of bollard lights in concrete foundation or solid ground	X 145, Z 590	•	
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 PDI DALI	EP10425899	IR remote control for DALI presence detectors and motion detectors	X 100, Y 50, Z 9	•	

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
Spare parts					
Cover					
ALVA BL 940/170 MD LENS MASK	EL00007040	Lens mask for motion detector in bollard luminaires ALVA BL 940/170 MD DALI	X 35, Z 16	•	
Diffuser					
ALVA BL 940/170 OP DIFFUSOR + GASKETS-SET	EL00007019	Opal diffuser for ALVA BL bollard luminaires Ø 170 mm and 2 sealing rings	X 160, Z 105	•	
ALVA BL 940/170 TR DIFFUSOR + GASKETS-SET	EL00007002	Transparent diffuser for ALVA BL bollard luminaires Ø 170 mm and 2 sealing rings	X 160, Z 105	•	
Electrical accessories					
ALVA BL 700/100 ASSEMBLY GROUP DRIVER DALI	EL10521867	DALI driver in housing and connection terminal in housing mounted on a support profile, for ALVA bollard luminaires Ø 100 mm	X 410, Y 80, Z 60	•	
ALVA BL 700/100 ASSEMBLY GROUP DRIVER MD DALI	EL10521836	DALI driver in the housing and connection terminal in the housing mounted on a support profile, including fastening screw ,for ALVA bollard lights Ø 100 mm	X 410, Y 80, Z 60	•	
ALVA BL 700/100 OP 360° 830 HEAD AN	EL10521898	Complete luminaire head for bollard luminaires ALVA BL 700/100 with opal diffuser and with integrated LED board 3000 K.	X 100, Z 125	•	
ALVA BL 700/100 OP 360° 840 HEAD AN	EL10521805	Complete luminaire head for bollard luminaires ALVA BL 700/100 with opal diffuser and with integrated LED board 4000 K.	X 100, Z 125	•	
ALVA BL 700/100 TR 360° 830 HEAD AN	EL10521843	Complete luminaire head for bollard luminaires ALVA BL 700/100 with transparent diffuser and with integrated LED board 3000 K.	X 100, Z 125	•	
ALVA BL 700/100 TR 360° 840 HEAD AN	EL10521812	Complete luminaire head for bollard luminaires ALVA BL 700/100 with transparent diffuser and with integrated LED board 4000 K.	X 100, Z 125	•	
ALVA BL 940/170 ASSEMBLY GROUP DRIVER DALI	EL10521874	DALI driver in housing and connection terminal in housing mounted on a support profile, for ALVA bollard luminaires Ø 170 mm	X 320, Y 110, Z 95	•	
ALVA BL 940/170 ASSEMBLY GROUP DRIVER MD DALI	EL10521911	DALI driver in housing and connection terminal in housing mounted on a support profile, including fixing screw, for ALVA BL 940/170 MD DALI.	X 320, Y 110, Z 95	•	
Motion detectors					
ALVA BL 700/100 MD DALI DETECTOR AN	EL10521850	Complete DALI motion detector with mounting ring and integrated rain protection cap for ALVA BL MD DALI bollard luminaires Ø 100 mm	X 40, Z 60	•	

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
ALVA BL 940/170 MD DALI DETECTOR AN	EL10521829	Complete DALI motion detector with lens mask and with rain protection cap for bollard luminaires ALVA BL MD DALI Ø 170 mm	X 33, Z 60	•	
Mounting					
ALVA BL 700/100 BASE PLATE AN	EL10521881	Base plate for bollard luminaires ALVA BL Ø 100 mm, including 3x screw, 3x dowel	X 100, Z 60	•	
ALVA BL 940/170 BASE PLATE AN	EL10521904	Base plate for bollard luminaires ALVA BL Ø 170 mm, including 3x screw, 3x dowel	X 170, Z 70	•	

BM		BN	
	Standard operation.		Standard operation.

- 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

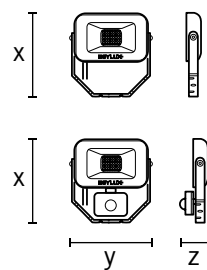
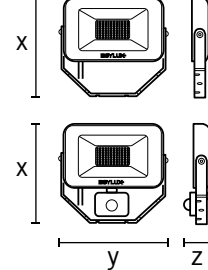
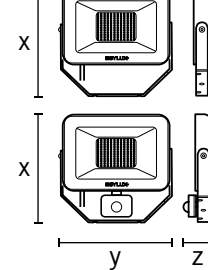
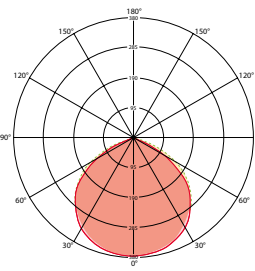
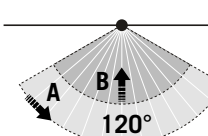
Stainless steel ITD special bracket for simple mounting to a wall, inner corner or outer corner

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

Protection type IP65



PRODUCT TYPES

			
LIGHT DISTRIBUTION		FIELD OF DETECTION	
			
			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.

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
3000 K / 10 W																	
BASIC AFL TR 1000 830 MD BK (black, similar to RAL 9005)	EL10810817	830	1050 lm	10 W	105 lm/W	< 30	TR	IP65	ON/OFF	•			E A ↑ G	X 170, Y 160, Z 58	BO	•	
BASIC AFL TR 1000 830 MD WH (white, similar to RAL 9016)	EL10810800	830	1050 lm	10 W	105 lm/W	< 30	TR	IP65	ON/OFF	•			E A ↑ G	X 170, Y 160, Z 58	BO	•	
BASIC OFL TR 1000 830 BK (black, similar to RAL 9005)	EL10810794	830	1050 lm	10 W	105 lm/W	< 30	TR	IP65	ON/OFF				E A ↑ G	X 160, Y 142, Z 28	BO	•	
BASIC OFL TR 1000 830 WH (white, similar to RAL 9016)	EL10810787	830	1050 lm	10 W	105 lm/W	< 30	TR	IP65	ON/OFF				E A ↑ G	X 160, Y 142, Z 28	BO	•	
3000 K / 30 W																	
BASIC AFL TR 3000 840 MD BK (black, similar to RAL 9005)	EL10810855	830	3100 lm	30 W	103 lm/W	< 30	TR	IP65	ON/OFF	•			F A ↑ G	X 215, Y 205, Z 60	BO	•	
BASIC AFL TR 3000 830 MD WH (white, similar to RAL 9016)	EL10810848	830	3100 lm	30 W	103 lm/W	< 30	TR	IP65	ON/OFF	•			F A ↑ G	X 215, Y 205, Z 60	BO	•	
BASIC OFL TR 3000 830 BK (black, similar to RAL 9005)	EL10810831	830	3100 lm	30 W	103 lm/W	< 30	TR	IP65	ON/OFF				F A ↑ G	X 215, Y 205, Z 32	BO	•	
BASIC OFL TR 3000 830 WH (white, similar to RAL 9016)	EL10810824	830	3100 lm	30 W	103 lm/W	< 30	TR	IP65	ON/OFF				F A ↑ G	X 215, Y 205, Z 32	BO	•	
3000 K / 50 W																	
BASIC AFL TR 5000 830 MD BK (black, similar to RAL 9005)	EL10810893	830	5000 lm	50 W	100 lm/W	< 30	TR	IP65	ON/OFF	•			F A ↑ G	X 252, Y 240, Z 60	BO	•	
BASIC AFL TR 5000 830 MD WH (white, similar to RAL 9016)	EL10810886	830	5000 lm	50 W	100 lm/W	< 30	TR	IP65	ON/OFF	•			F A ↑ G	X 252, Y 240, Z 60	BO	•	
BASIC OFL TR 5000 830 BK (black, similar to RAL 9005)	EL10810879	830	5000 lm	50 W	100 lm/W	< 30	TR	IP65	ON/OFF				F A ↑ G	X 252, Y 240, Z 32	BO	•	
BASIC OFL TR 5000 830 WH (white, similar to RAL 9016)	EL10810862	830	5000 lm	50 W	100 lm/W	< 30	TR	IP65	ON/OFF				F A ↑ G	X 252, Y 240, Z 32	BO	•	
4000 K / 10 W																	
BASIC AFL TR 1000 840 MD BK (black, similar to RAL 9005)	EL10810930	840	1100 lm	10 W	110 lm/W	< 30	TR	IP65	ON/OFF	•			E A ↑ G	X 170, Y 160, Z 58	BO	•	

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
BASIC AFL TR 1000 840 MD WH (white, similar to RAL 9016)	EL10810923	840	1100 lm	10 W	110 lm/W	< 30	TR	IP65	ON/OFF	•			E A ↑ G	X 170, Y 160, Z 58	BO	•	
BASIC OFL TR 1000 840 BK (black, similar to RAL 9005)	EL10810916	840	1100 lm	10 W	110 lm/W	< 30	TR	IP65	ON/OFF				E A ↑ G	X 160, Y 142, Z 28	BO	•	
BASIC OFL TR 1000 840 WH (white, similar to RAL 9016)	EL10810909	840	1100 lm	10 W	110 lm/W	< 30	TR	IP65	ON/OFF				E A ↑ G	X 160, Y 142, Z 28	BO	•	
4000 K / 30 W																	
BASIC AFL TR 3000 840 MD BK (black, similar to RAL 9005)	EL10810732	840	3200 lm	30 W	106 lm/W	< 30	TR	IP65	ON/OFF	•			E A ↑ G	X 215, Y 205, Z 60	BO	•	
BASIC AFL TR 3000 840 MD WH (white, similar to RAL 9016)	EL10810725	840	3200 lm	30 W	106 lm/W	< 30	TR	IP65	ON/OFF	•			E A ↑ G	X 215, Y 205, Z 60	BO	•	
BASIC OFL TR 3000 840 BK (black, similar to RAL 9005)	EL10810701	840	3200 lm	30 W	106 lm/W	< 30	TR	IP65	ON/OFF				E A ↑ G	X 215, Y 205, Z 32	BO	•	
BASIC OFL TR 3000 840 WH (white, similar to RAL 9016)	EL10810718	840	3200 lm	30 W	106 lm/W	< 30	TR	IP65	ON/OFF				E A ↑ G	X 215, Y 205, Z 32	BO	•	
4000 K / 50 W																	
BASIC AFL TR 5000 840 MD BK (black, similar to RAL 9005)	EL10810770	840	5000 lm	50 W	100 lm/W	< 30	TR	IP65	ON/OFF	•			F A ↑ G	X 252, Y 240, Z 60	BO	•	
BASIC AFL TR 5000 840 MD WH (white, similar to RAL 9016)	EL10810763	840	5000 lm	50 W	100 lm/W	< 30	TR	IP65	ON/OFF	•			F A ↑ G	X 252, Y 240, Z 60	BO	•	
BASIC OFL TR 5000 840 BK (black, similar to RAL 9005)	EL10810756	840	5000 lm	50 W	100 lm/W	< 30	TR	IP65	ON/OFF				F A ↑ G	X 252, Y 240, Z 32	BO	•	
BASIC OFL TR 5000 840 WH (white, similar to RAL 9016)	EL10810749	840	5000 lm	50 W	100 lm/W	< 30	TR	IP65	ON/OFF				F A ↑ G	X 252, Y 240, Z 32	BO	•	

Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
Accessories					
Mounting					
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	•	

BO

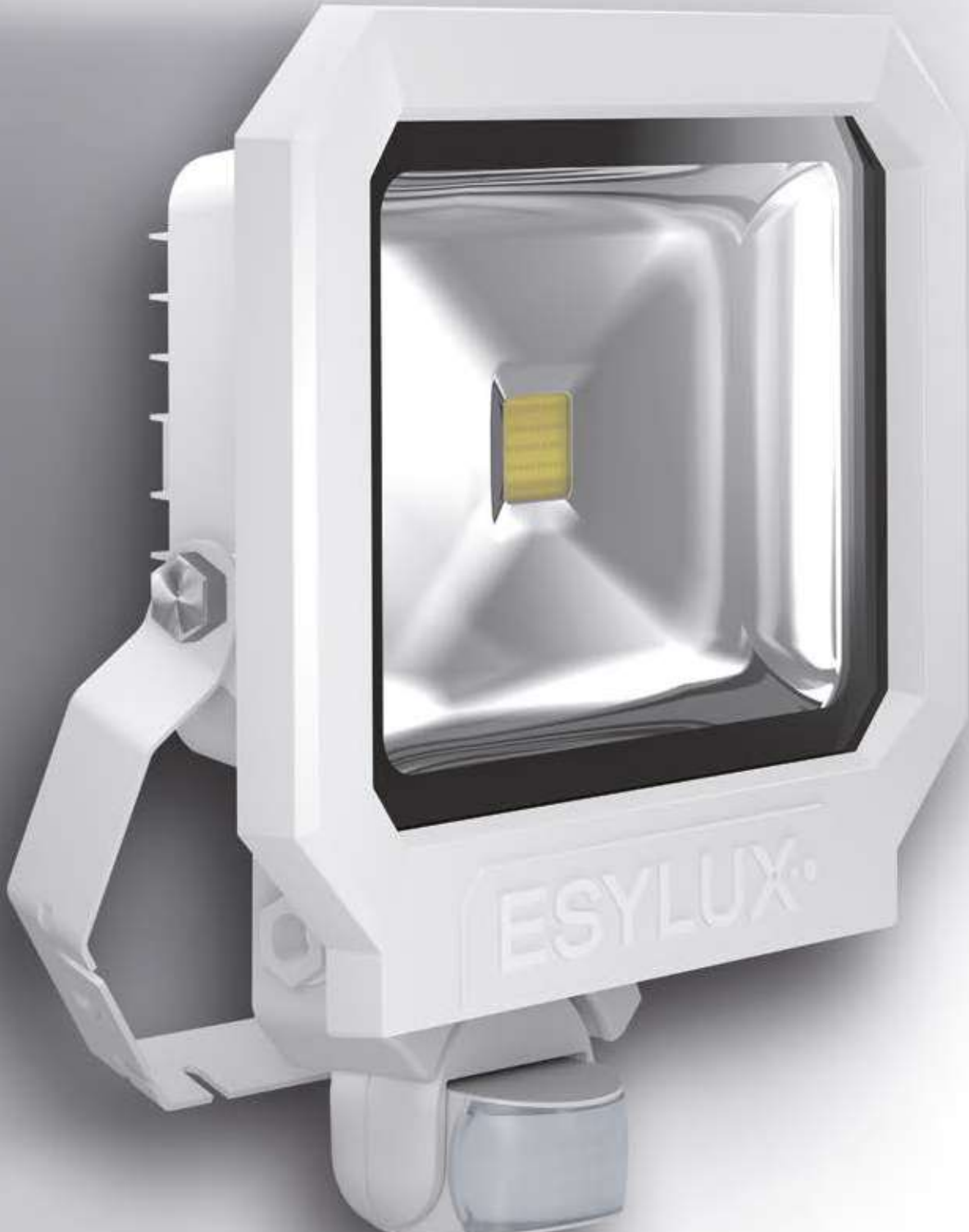
Standard operation.

SUN OFL/AFL

ROBUST, DURABLE AND EVEN MORE EFFICIENT AS A GROUP

- 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.

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

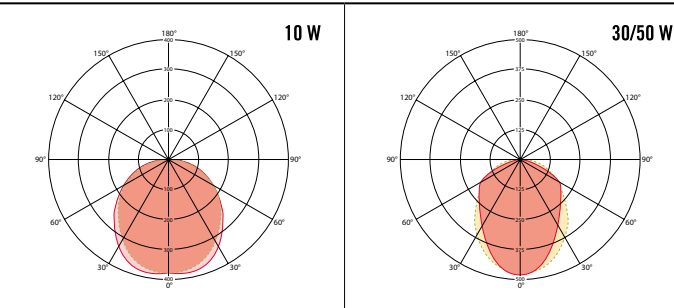
Protection type IP65

Overvoltage protection category II (up to 2.5 kV)

PRODUCT TYPES

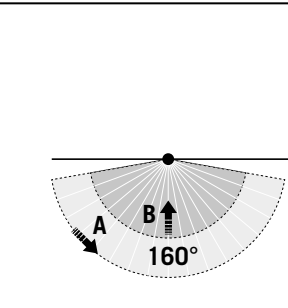
--	--	--	--

LIGHT DISTRIBUTION



■ C0, ■ C90, ■ C0 / C90

FIELD OF DETECTION



DETECTION RANGE

	Wall 12 m
■ Diagonally (A)	12 m
■ Frontal (B)	5 m

Note: Technical data for specific products can be found at 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)

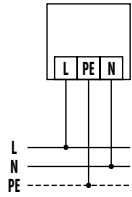
Product group/product name	Item no.	Light colour (IEC 1231)	Luminous flux	Rated output P	Luminous efficacy	Unified Glare Rating	Glare suppression	Diffuser	Protection type	Control system	BT (Bluetooth)	Sensor	Energy efficiency class	Dimensions (mm)	Circuit diagram	Core portfolio	New product
3000 K / 10 W																	
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 133, Y 210, 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 133, Y 210, 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 133, Y 150, 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 133, Y 150, Z 75	BQ	•	
3000 K / 30 W																	
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 250, Y 290, 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 250, Y 290, 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 252, Y 267, 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 252, Y 267, Z 86	BQ	•	
3000 K / 50 W																	
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		•	LED EEI E	X 250, Y 290, 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		•	LED EEI E	X 250, Y 290, 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			LED EEI E	X 252, Y 267, 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			LED EEI E	X 252, Y 267, Z 86	BQ	•	
5000 K / 10 W																	
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 133, Y 210, Z 75	BP	•	

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
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 133, Y 210, 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 133, Y 150, 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 133, Y 150, Z 75	BQ	•	
5000 K / 30 W																	
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		•	LED EEI E	X 250, Y 290, 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		•	LED EEI E	X 250, Y 290, 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			LED EEI E	X 252, Y 267, 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			LED EEI E	X 252, Y 267, Z 86	BQ	•	
5000 K / 50 W																	
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		•	LED EEI E	X 250, Y 290, 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		•	LED EEI E	X 250, Y 290, 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			LED EEI E	X 252, Y 267, 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			LED EEI E	X 252, Y 267, Z 86	BQ	•	

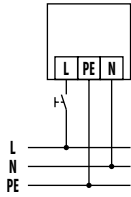
Product group/product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New product
Accessories					
Mounting					
FL GROUND SPIKE BK	EL10810558	Wall arm for floodlight, including adapter, black	X 60, Z 265	•	
FL GROUND SPIKE WH	EL10810541	Wall arm for floodlight, including adapter, white	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

BQ



Standard operation.



Standard operation with on/off switch.



www.esylux.com

Photo credits::

Fotolia: 90617590, 59657957, 46195402 | Gettyimages: 495604235, 505271706, 153362937, 707454797, 637249110, 498111465, 547495974 |
iStock: 542299962, 000019497891, 000014310752, 178860955, 178757129, 480160126, 1350784650 | Thinkstock: 527170889

WAGO® and WINSTA® are registered trademarks of WAGO Verwaltungsgesellschaft mbH.

GST® is a registered trademark of Wieland Electric GmbH.

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

For delivery times and further information on our products, please refer to our website.