

# ELSA-2 COMBINES AUTOMATION AND COST-EFFECTIVENESS. **ESY!**



With motion detector

**NEW!** WITH INTEGRATED SENSORS  
FOR VARIANTS Ø 225 mm



With presence detector

## ELSA-2 SERIES DOWNLIGHTS

Whether used as standalone solution or to complement a main lighting fixture, ELSA-2 downlights create an harmonious look wherever they are used. When equipped with an optional integrated motion detector or DALI presence detector, they can even control an entire light group.

This reduces energy consumption and installation costs – and keeps the ceiling looking neat and tidy!

## PERFORMANCE FOR SIMPLICITY

ESYLUX GmbH | [sales@esylux.com](mailto:sales@esylux.com) | [www.esylux.com](http://www.esylux.com)

**ESY**  
CONTROL



Perform individual parameterisation using the  
ESY-Pen and the ESY-App.  
ESY-Pen item no.: EP10425356  
Find out more at: [esylux.com](http://esylux.com)

# OPTIONAL: INTELLIGENCE INCLUDED

## CONTROL LIGHT GROUPS EFFICIENTLY WITH AN INTEGRATED SENSOR SYSTEM

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

With their slimmed-down design, ELSA-2 downlights are ideal for corridors, staircases, entrance areas and sanitary facilities. No additional accessories are required for installation – and the optional integrated sensor system provides the perfect synergy of automation and lighting.



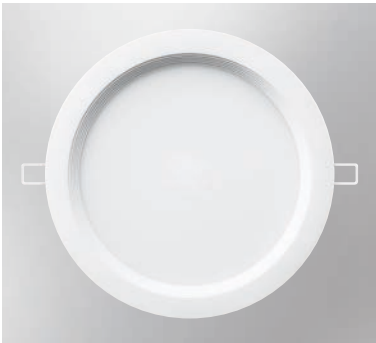
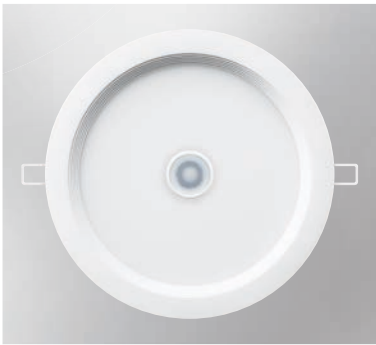
- High-quality aluminium housing with low installation depth
- Variants with a diameter of 225 mm with an integrated remotely controlled motion detector or DALI presence detector (DALI broadcast)
- Detector optimised for controlling additional LED lights
- Available with additional integrated DALI bus 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
- Driver simply plugs into the light
- Protection type IP20, below the ceiling IP44
- Rated lifetime L80B50 at 25°C: 40000 hours



Ceiling installation frames are available as an accessory for versions with a diameter of 165 mm and 225 mm.

General technical data	
Nominal voltage	220 – 240 V / 50 – 60 Hz
Rated lifetime L <sub>80</sub> /B <sub>50</sub> at 25°C	40000 hours
Colour Rendering Index CRI	> 80
Permissible ambient temperature	-20 °C...+40 °C
Protection type	IP20 / IP44 (built-in)
Protection class	II, I (with detector)
Installation type	Installation
Installation position	Ceiling
Material	Powder-coated aluminium
With integrated presence or motion detector:	
Sensing range	360°
Field of detection width	Ø 8 m (MD), 6 m (PD DALI)
Switch-off delay time	60 s...15 min (MD) 60 s...240 min (PD DALI) (adjustable in levels)
Level of brightness	10 – 2000 lx (MD) 100 – 1000 lx (PD DALI)

Technical and design features may be subject to change.  
The power output may deviate from the specified value by +/- 10 %.  
The lights contain in-built LED bulbs. The bulbs cannot be changed.





PRODUCT OVERVIEW

Product group / product name	Item no.	Light colour (IEC1231)	Luminous flux	Rated output P	Luminous efficacy	Unified Glare Rating	Diffuser	Protection type	Control system	Sensor	Energy efficiency class	Dimensions (mm)	Core portfolio	New
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	•	
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	•	★
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	•	★
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	•	★
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	•	★
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	•	★
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	•	★
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	•	★
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	•	★
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	•	★
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	•	★
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	•	★
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	•	★
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	•	★
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	•	★
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	•	★
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	•	★
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	•	★

Product group / product name	Item no.	Product description	Dimensions (mm)	Core portfolio	New
Accessories					
Adapter					
ELSA-2 RING 65	EO10300288	Adapter ring 65 – 105 mm for ELSA-2 series	X 120, Z 1.5	•	
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	•	
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	•	
Electrical accessories					
JUNCTION BOX 5-POLE BK	EO10430947	Universal junction box, black, 5-pole, 2.5 mm <sup>2</sup>	X 120, Y 62, Z 30	•	
ACTUATOR FULL AUTO C3 DALI	EP10427473	Module for executing bus commands from DALI presence detectors and other light controls in switching signals (fully automatic system)	X 45, Y 45, Z 24	•	
ACTUATOR SEMI AUTO C4 DALI	EP10427480	Module for executing bus commands from DALI presence detectors and other light controls in switching signals (semi-automatic system)	X 45, Y 45, Z 24	•	
POWER SUPPLY 200mA DALI	EC10430008	200-mA power pack for supplying power to DALI operating devices 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 MDi/PDi	EM10425509	IR remote control for ELSA-2 with motion detector	X 100, Y 50, Z 9	•	
REMOTE CONTROL PDi DALI	EP10425899	IR remote control for ELSA-2 with DALI presence detector	X 100, Y 50, Z 9	•	

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PRODUCT TYPES

**LIGHT DISTRIBUTION**

**FIELD OF DETECTION**

**DETECTION RANGE**

	Ceiling 6 m	Ceiling 8 m
Crosswise (A)	Ø 6 m	Ø 8 m
Head-on (B)	Ø 3 m	Ø 5 m
Presence area (C)	Ø 2,5 m	-

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

# OTHER SOLUTIONS FOR INTELLIGENT CONTROL OF INDOOR LIGHTING

As an automation specialist, it goes without saying that ESYLUX also offers standalone solutions for intelligent light control. Our range of presence and motion detectors for inside use includes variants for all applications and budgets, for both conventional and LED lighting. The flexibility and reliability of the detectors are impressive – as is the installation process, which is as simple as ever.



**PRESENCE AND MOTION DETECTORS  
COMPACT SERIES**  
Great variety for a wide range of applications



**PRESENCE AND MOTION DETECTORS  
COMPACT MINI SERIES**  
Tiny but powerful

**PRESENCE AND MOTION DETECTORS  
FLAT SERIES**  
Flat design with maximum performance



**PRESENCE AND MOTION DETECTORS  
BASIC SERIES**  
Full energy efficiency at a low price

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