ESYLUX··

NEW! **WITH DALI-2 AND PLUG-AND-PLAY DETECTORS**

COMPACT SERIES: INNOVATIONS FOR FLEXIBLE LIGHT CONTROL. ESY!

COMPACT PRESENCE AND MOTION DETECTORS

Every application.
Every technology.
One design.

PERFORMANCE FOR SIMPLICITY

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

HIGH-PERFORMANCE DIVERSITY

EVERY INSTALLATION, EVERY TECHNOLOGY

The COMPACT series offers not only a wide range of versions for a broad range of applications, but also impressive innovative concepts for the realisation of intelligent solutions for all building areas.

- Ceiling detectors: 360° detection angle, range Ø 8, Ø 24 or Ø 32 metres
- Wall-mounted detectors: 180° detection angle, range Ø 16 m
- 230 V, DIM 1 - 10 V, Universal Current (12 - 36 V AC/DC), DALI, DALI-2, KNX and ELC
- Surface mounting, recessed mounting or recessed ceiling mounting
- Switching, dimming and HVAC
- Variants with pre-assembled connection cables for WAGO WINSTA® and Wieland GST18®
- Option of further functions such as acoustic sensor or touch function
- Radiation-free PIR sensors without electrosmog

Sensing	CEILING-MOUNTED DETECTORS Ø 8 metres, 360°	Ø 24 metres, 360°	Ø 32 metres, 360°	WALL-MOUNTED DETECTORS Ø 16 metres, 180°	Integrated acoustic sensor	Light channel switching	Light channel control (constant light control)	HVAC channels (switching)	Switching output (relay)	Switch input	Remote controllable
MOTION DETECTORS											
230 V (ON/OFF)	MD-C 360i/8 EP10055393	MD-C 360i/24 EP10055317	MD-C 360i/32 EP10427749			1			1	1	•
	MD-C 360i/8 BK EP10055416	MD-C 360i/24 BK EP10055546				1			1	1	•
	MD-C 360i/8 FM EP10055539	MD-C 360i/24 FM EP10055560				1			1	1	•
	MD-C 360i/8 WAGO WINSTA CodeA/S EP10424601	MD-C 360i/24 WAGO WINSTA CodeA/S EP10424618				1			1	1	•
	MD-C 360i/8 WAGO WINSTA CodeA EP10424809	MD-C 360i/24 WAGO WINSTA CodeA EP10424816				1			1	1	•
			MD-C 360i/32 Corridor EP10428128			1			1	1	•
	MD-C 360i/8 MIC EP10425875				•	1			1	1	•
PRESENCE DETECTORS											
230 V (ON/OFF)	PD-C 360i/8 EP10425059	PD-C 360i/24 EP10428067	PD-C 360i/32 EP10427756			1			1	1	•
	PD-C 360i/8 BK EP10425233	PD-C 360i/24 BK EP10425257				1			1	1	•
	PD-C 360i/8 FM EP10426858	PD-C 360i/24 FM EP10426865				1			1	1	•
	PD-C 360i/8 WAGO WINSTA CodeA/S EP10424625	PD-C 360i/24 WAGO WINSTA CodeA/S EP10424632				1			1	1	•
	PD-C 360i/8 WAGO WINSTA CodeA EP10424823	PD-C 360i/24 WAGO WINSTA CodeA EP10424830				1			1	1	•
			PD-C 360i/32 Corridor EP10428180			1			1	1	•
	PD-C 360i/8 MIC EP10425882				•	1			1	1	•
		PD-C 360i/24 DRY EP10425707				1			2	1	•
	PD-C 360i/8 plus EP10425042	PD-C 360i/24 plus EP10425288	PD-C 360i/32 plus EP10427763			1	1		2	1	•
		PD-C 360i/24 DUOplus-SM / -FM EP10426810 / EP10426803				2	1		3	3	•
	PD-C 360/8 Slave EP10055379	PD-C 360i/24 Slave EP10055386	PD-C 360/32 Slave EP10427770								
	PD-C 360/8 Slave BK EP10055553										
	PD-C 360/8 Slave FM EP10426971	PD-C 360/24 Slave FM EP10428777									
			PD-C 360/32 Warehouse Slave EP10425790								
230 V with 1 - 10 V control output	PD-C 360i/8 DIM EP10426711	PD-C 360i/24 DIM EP10426704					1		1	1	•
		PD-C 360i/24 DIMplus-SM / -FM EP10426735 / EP10426728				1	1		1	2	•
			D-C 360i/32 Warehouse DIM plus EP10425783			1	1		1	2	•
		PD-C 360i/24 DUODIMplus-SM / -FM EP10426759 / EP10426742				2	1		2	3	•
12 - 36 V (AC/DC)	PD-C 360i/8 UC EP10427312	PD-C 360i/24 UC EP10427329		PD-C 180i/16 UC EP10427305		1	1		1	1	•
DALI	PD-C 360i/8 DUO DALI EP10427442	PD-C 360i/24 DUO DALI EP10427459	PD-C 360i/32 DUO DALI EP10427787			2	2*		2		•
	PD-C 360i/8 FM DUO DALI EP10428784	PD-C 360i/24 FM DUO DALI EP10428791				2	2*		2		•
	PD-C 360i/8 DUO DALI WAGO WINSTA CodeA/I EP10424663	PD-C 360i/24 DUO DALI WAGO WINSTA CodeA/I EP10424670				2	2*		2		•
	PD-C 360i/8 DUO DALI WAGO WINSTA CodeB EP10424649	PD-C 360i/24 DUO DALI WAGO WINSTA CodeB EP10424656				2	2*		2		•
	PD-C 360i/8 DUO DALI WAGO WINSTA CodeI EP10424847	PD-C 360i/24 DUO DALI WAGO WINSTA CodeI EP10424854				2	2*		2		•
	PD-C 360i/8 DUO DALI WIELAND GST18 EP10427824	PD-C 360i/24 DUO DALI WIELAND GST18 EP10427374				2	2*		2		•

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

CEILING-MOUNTED DETECTORS / WALL-MOUNTED DETECTORS

Sensing	Ø 8 metres, 360°	Ø 24 metres, 360°	Ø 32 metres, 360°	Ø 16 metres, 180°	Integrated acoustic sensor	Light channel switching	Light channel control (constant light control)	HVAC channels (switching)	Switching output (relay)	Switch input	Remote controllable
PRESENCE DETECTORS											
DALI-2	PD-C 360bt/8 APC10 PS plus DALI-2 EP10428142	PD-C 360bt/24 APC10 PS plus DALI-2 EP10428159	PD-C 360bt/32 APC10 PS plus DALI-2 EP10428265			16	16	16	1	4	BT
	PD-C 360bt/8 APC10 PS plus DALI-2 BK EP10428456	PD-C 360bt/24 APC10 PS plus DALI-2 WINSTA Codel EP10428852				16	16	16	1	4	BT
	PD-C 360bt/8 APC10 PS plus DALI-2 WINSTA Codel EP10428845					16	16	16	1	4	BT
	PD-C 360bt/8 APC20 PS plus DALI-2 EP10428272	PD-C 360bt/24 APC20 PS plus DALI-2 EP10428111	PD-C 360bt/32 APC20 PS plus DALI-2 EP10428289			16	16	16	1	4	BT
	PD-C 360bt/8 APC20 PS plus DALI-2 BK EP10428876	PD-C 360bt/24 APC20 PS plus DALI-2 BK EP10428883				16	16	16	1	4	BT
	PD-C 360bt/8 APC20 PS plus DALI-2 WINSTA Codel EP10428890	PD-C 360bt/24 APC20 PS plus DALI-2 WINSTA Codel EP10428906				16	16	16	1	4	BT
	PD-C 360/8 BMS DALI-2 EP10428203	PD-C 360/24 BMS DALI-2 EP10428210	PD-C 360/32 BMS DALI-2 EP10424885							2	
	PD-C 360/8 BMS DALI-2 BK EP10428449	PD-C 360/24 BMS DALI-2 BK EP10428432								2	
	PD-C 360/8 BMS DALI-2 WINSTA Codel EP10428487	PD-C 360/24 BMS DALI-2 WINSTA Codel EP10428494								2	
	PD-C 360/8 BMS FM DALI-2 EP10428807	PD-C 360/24 BMS FM DALI-2 EP10428814								2	
KNX		PD-C 360i/24 KNX ECO UP EP10427435		PD-C 180i KNX ECO EP10426452			2				•
	PD-C 360i/8 KNX UP EP10427404	PD-C 360i/24 KNX UP EP10427428	PD-C 360i/32 KNX UP EP10427794			2	2	1			•
	PD-C 360i/8 KNX UP BK EP10427534	PD-C 360i/24 KNX UP BK EP10427671				2	2	1			•
	PD-C 360i/8 FM KNX UP EP10428821	PD-C 360i/24 FM KNX UP EP10428838				2	2	1			•
				PD-C 180i KNX EP10426445	•	1	1	1			•
				PD-C 180i/16 Touch KNX EP10460104	•	1	1	1			•
ELC	PD-C 360i/8 ELC EP10427602	PD-C 360i/24 ELC EP10427619							4	2*	•

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

ALWAYS READY
WITH THE RIGHT TOOL

MOBILE PROJECT MANAGEMENT

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

• Each project can be saved with a unique name and description in the ESY-App

• No project is too big for the ESY-App: Up to 64 floors can be created, each with up to 64 rooms and up to 64 devices per room

• Within the ESY-App, a few clicks take the user from the project to the room of their choice where they can quickly identify, select and configure ESYLUX products

• Configured projects can be stored in the ESY-App or forwarded on to other users as necessary. Previously stored configurations can be easily transferred to products of the same type via the ESY-Pen using the cloning function

• The project documentation is integrated into a project report that can then be sent as a PDF document and also printed off as required

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

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

ESY
Bluetooth control for Android and iOS

UNIFORM DESIGN
FOR ALL APPLICATIONS

| Ø 8 m | Ø 24 m | Ø 32 m | 360° | | |

The presence and motion detectors from the COMPACT series offer two ceiling-mounted housing variants with different lens sizes. With sensing ranges with a diameter of 8 m, 24 m and even 32 m, there is a detector for every application plus they are the ideal solution for either recessed or surface mounting.

SIMPLY EFFICIENT
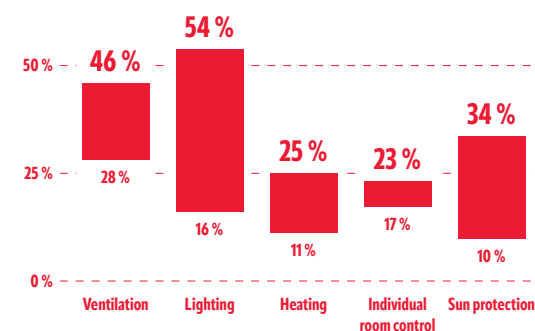
AVOID UNNECESSARY ENERGY CONSUMPTION

The principle of demand-driven automation is as easy as it sounds: Only use energy when it is really needed. It replicates typical human behaviour. Those working in office buildings and other workplaces often forget to switch off lighting, ventilation and heating systems when they leave a room. This results in far too much unnecessary energy consumption.

SAVING ENERGY THROUGH INTELLIGENT SENSOR TECHNOLOGY

The use of a simple presence detector alone already results in a significant improvement. This is because it automatically ensures that the lighting or other devices are only switched on when people are actually in the workplace. The presence detector has a light sensor that checks the current brightness during operation. If the daylight that enters the room through the windows is adequate for work, the presence detector will also switch off the artificial light.

Even more energy can be saved by constantly adapting to current environmental conditions. Presence detectors with the ability to provide constant lighting control only dim up the artificial light to the extent necessary to achieve a set value, based on the available daylight. This is the best possible way of using daylight and also naturally ensures an extremely high level of convenience. It automatically ensures that rooms never become too dark or too bright!

ENERGY SAVING POTENTIAL OF DEMAND-DRIVEN BUILDING AUTOMATION (MIN./MAX.)

Ventilation	Lighting	Heating	Individual room control	Sun protection
46 % / 28 %	54 % / 16 %	25 % / 11 %	23 % / 17 %	34 % / 10 %

Source: Zentralverband Elektrotechnik- und Elektroindustrie e.V. (ZVEI)/Biberach University of Applied Sciences

PRESENCE AND DAYLIGHT DEPENDENT LIGHT SWITCHING

06:00   12:00   18:00

- Proportion of artificial light
- Sufficient daylight
- Present
- Absent
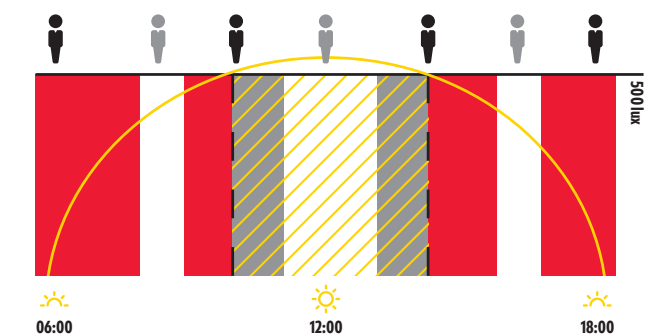
Presence and daylight dependent light switching using a presence detector automatically reduces energy consumption (building efficiency class B).

Such as with the PD-C 360i/8 presence detector
This presence detector features a high-quality sensor system for reliably switching the lighting as well as push button input and impulse functions, which are vital components of numerous applications.

PRESENCE AND DAYLIGHT DEPENDENT CONSTANT LIGHT CONTROL

06:00   12:00   18:00

- Proportion of artificial light
- Sufficient daylight
- Present
- Absent
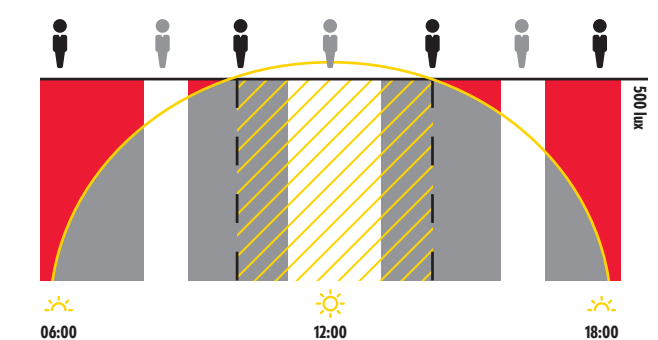
The best use of daylight: Constant light control of a presence detector (building efficiency class A).

Such as with the PD-C 360i/24 DUO DALI presence detector
Its additional offset light channel enables daylight to be used with even greater energy efficiency, particularly in rooms with windows on just one side, such as classrooms.

STAGING LIGHTING GROUPS

APC AND BMS PRESENCE DETECTORS FOR THE DALI-2 INDUSTRY STANDARD

APC presence detectors from ESYLUX with integrated DALI-2 control unit and bus voltage supply control up to 64 luminaires in up to 16 lighting groups – decentralised, across rooms and without the need for a complex building management system. BMS presence detectors serve as supplementary input devices in the various room zones. This allows individual presence- and daylight-dependent lighting control in all areas.

CONFIGURE A WIDE RANGE OF FUNCTIONS VIA SMARTPHONE

In addition, the APC presence detectors offer a wide range of functions for improved quality of life and building energy efficiency in offices, educational establishments and healthcare facilities. For example, they are able to use time functions, scenes or flexibly switch groups. It's simple to configure the system using the ESY-App and a smartphone!
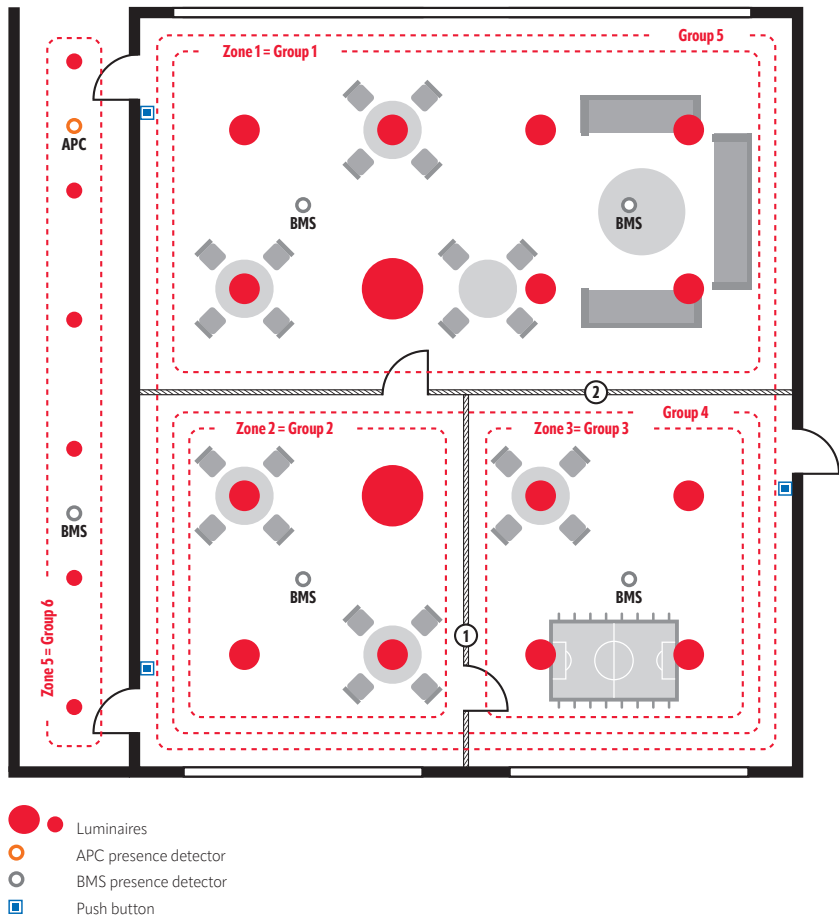
Product group / product name*	Item no.
Presence detectors / ceiling mounting	
DALI-2	
PD-C 360bt/8 APC10 PS plus DALI-2 (white, similar to RAL 9010)	EP10428142
PD-C 360bt/24 APC10 PS plus DALI-2 (white, similar to RAL 9010)	EP10428159
PD-C 360bt/32 APC10 PS plus DALI-2 (white, similar to RAL 9010)	EP10428265
PD-C 360bt/8 APC20 PS plus DALI-2 (white, similar to RAL 9010)	EP10428272
PD-C 360bt/24 APC20 PS plus DALI-2 (white, similar to RAL 9010)	EP10428111
PD-C 360bt/32 APC20 PS plus DALI-2 (white, similar to RAL 9010)	EP10428289
PD-C 360/8 BMS DALI-2 (white, similar to RAL 9010)	EP10428203
PD-C 360/24 BMS DALI-2 (white, similar to RAL 9010)	EP10428210
PD-C 360/32 BMS DALI-2 (white, similar to RAL 9010)	EP10424885

* Additional detector variants for DALI-2 can be found in the product overview on page 3

Luminaires
APC presence detector
BMS presence detector
Push button

Zone 1 = Group 1
Group 5
APC
BMS
BMS
Group 4
Zone 2 = Group 2
Zone 3 = Group 3
BMS
BMS
BMS
Zone 5 = Group 6

Application example for flexible switching of groups in reversible rooms:

The room is divided by two mobile partitions, each connected to one of the APC's push button inputs. If wall 1 is opened up, the APC switches Groups 2 and 3 to be in the same group (Group 4). If the same happens with wall 2, e.g. for an event, the APC switches all luminaires in the room to the same group (Group 5). The push button functions also automatically adapt to the respective group scenario.

YOUR ADVANTAGES AT A GLANCE

- APC presence detectors for cross-room control of up to 64 luminaires in up to 16 lighting groups
- Control unit, bus voltage supply and push button inputs integrated in APC presence detectors
- BMS presence detectors as supplementary input devices
- Wide range of functions incl.:
  - Presence- and daylight-dependent constant light control
  - Flexible switching of groups
  - Time functions
  - Swarm function
  - Standby switch-off
  - Scenes
- Simple configuration via smartphone and ESY-App

INCLUDING SWITCH FUNCTION

TOUCH PRESENCE DETECTOR FOR KNX

What is most common for smartphones and tablets has now also reached the key area of demand-driven building automation – with the PD-C 180i/16 TOUCH KNX wall-mounted presence detector from ESYLUX. Their touch-sensitive lens surface allows convenient control of numerous functions – thereby replacing KNX touch sensor.

TOUCH CONTROL WITH TWO DIFFERENT FUNCTIONS

The touch detectors react to two types of touch: short and longer. Both types of touch can be assigned to various KNX communication objects as required. The touch function can therefore be used not only to switch lights on or off or for dimming, but also for applications such as controlling a blind or selecting entire scenes!

An integrated touch function enables convenient manual control of numerous functions. ▲

Product group / product name	Item no.
Presence detector / wall mounting	
KNX	
PD-C 180i/16 Touch KNX (white, similar to RAL 9010)	EP10460104

KNX — **Touch presence detector**

Short touch	⟶	**Freely assignable with numerous communication objects***
Long touch	⟶	**Freely assignable with numerous communication objects***

* Switching, dimming, selecting scenes, controlling blinds etc.

YOUR ADVANTAGES AT A GLANCE
- Presence and daylight dependent constant light control
- Presence dependent switching of HVAC
- Touch-sensitive lens surface
- Replaces KNX button for manual switching or dimming
- Numerous other communication objects controllable by touch
- Detection range extension through master-slave combinations
- Integrated acoustic sensor with adjustable sensitivity
- Compatible with brand name switches

MULTI-CHANNEL SOLUTION
THE DUO DALI PRESENCE DETECTOR

The DUO DALI presence detectors in the COMPACT series offer simple solutions for the intelligent control of lights in board rooms, classrooms and open-plan offices via DALI broadcast. Using passive infrared technology, they reliably detect when people are present in a room without producing any additional emissions. The presence and daylight dependent constant light control provides the highest level of energy efficiency while maintaining a consistent brightness level. The detectors are connected to the 230 V mains and have two integrated DALI secondary power supplies, which can power two sets of up to 25 DALI lights. Two inputs for conventional 230 V buttons allow the automatic control of the lights to be manually overridden (ON/OFF, dimming).

TWO LIGHT CHANNELS PLUS AN ADDITIONAL CHANNEL

DUO DALI presence detectors guarantee optimal lighting conditions and control the light for two room zones. Offsets are used to differentiate between the lighting of the room zones. In addition, there is the option to add DALI actuators that switch on and off presence dependent additional lighting (e.g. board light) or ventilation (HVAC). The actuators are equipped with a 10 A relay (potential-free) and can also be manually overridden (ON/OFF) using a 230 V button.

Product group / product name	Item no.
Presence detectors / ceiling mounting	
DALI	
PD-C 360i/8 DUO DALI (white, similar to RAL 9010)	EP10427442
PD-C 360i/24 DUO DALI (white, similar to RAL 9010)	EP10427459
PD-C 360i/32 DUO DALI (white, similar to RAL 9010)	EP10427787

DUO DALI presence detectors for recessed mounting

Accessories: Mounting with surface box possible (COMPACT MOUNTING BOX IP20/54 SM WH separately available)

Accessories: DALI actuator (ACTUATOR FULL AUTO C3 DALI separately available)

6,5 m

C2

3

C1

2 1

9,2 m

Application example of a classroom:
The PD-C 360i/24 DUO DALI activates the lighting only when people are present and adjusts the brightness in two channels depending on the ambient lighting. Optional switch actuators can be added in order to control other consumers (screens, interactive boards, accent lighting, HVAC etc.). Lighting and actuators can be configured for fully automatic or semi-automatic operation. ▲

YOUR ADVANTAGES AT A GLANCE
- Presence and daylight dependent constant light control
- Individual control of two rows of lights
- Up to two additional channels (BA, HVAC etc.) can be controlled using DALI ACTUATORS (must be ordered separately)
- 2 button inputs for manual control
- Temporary override by remote control
- Ready for use immediately: with factory setting
- Installation types: Surface mounting and recessed mounting
- Low energy consumption

RANGE SPECIALISTS
PRESENCE AND MOTION DETECTORS FOR CORRIDORS AND AISLES

Demand-driven building automation solutions must occasionally be specially adjusted to accommodate particular features of an application. Presence detectors with an elliptical and far-reaching field of detection are ideal for mounting on ceilings in corridors or in long aisles – not least because they reduce the number of devices required.

EXTENSIVE RANGE – INCLUDING MOVEMENTS DIRECTLY IN FRONT OF THE DETECTOR

With a total range of up to 32 m in diameter, the PD-C and MD-C 360i/32 Corridor presence and motion detectors from ESYLUX offer the ideal solution. Thanks to this extensive range, a single detector can be used to cover long corridors and turn the lighting on and off depending on presence, movement or daylight. In areas that require an even greater range, up to eight devices can be connected via parallel wiring!

Product group / product name	Item no.
Motion detector / ceiling mounting	
ON/OFF	
MD-C 360i/32 Corridor (white, similar to RAL 9010)	EP10428128
Presence detectors / ceiling mounting	
1 - 10 V	
PD-C 360i/32 DIMplus WH (white, similar to RAL 9010)	EP10425783
PD-C 360/32 Slave WH (white, similar to RAL 9010)	EP10425790
ON/OFF	
PD-C 360i/32 Corridor (white, similar to RAL 9010)	EP10428180
PD-C 360/32 Slave WH (white, similar to RAL 9010)	EP10425790

24 m

3 m
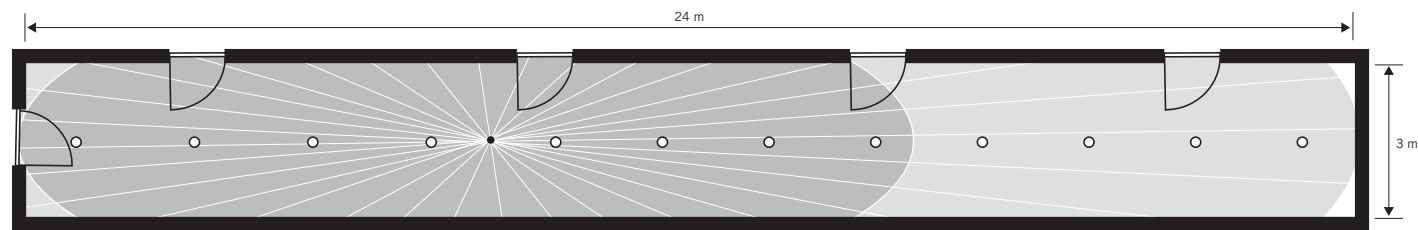
Application example in a corridor
The Corridor motion detector from the COMPACT series allows devices to be efficiently deployed in long corridors. ▲

• MD-C 360i/32 Corridor

YOUR ADVANTAGES AT A GLANCE
- Large field of detection for corridors
- The detection range can be easily extended by connecting up to eight slave devices
- Durable, dust-insensitive housing design

PLUG. SAVE. READY.

PRESENCE AND MOTION DETECTORS WITH WAGO-WINSTA® CONNECTION

Time-saving solutions are becoming increasingly important for electricians, especially in times of high demand and a lack of skilled workers. This is why the COMPACT series also includes presence and motion detectors with WINSTA pluggable connections from WAGO – for greater energy efficiency via plug-and-play and installation that is both safe and trouble free.

ENERGY EFFICIENCY VIA PLUG-AND-PLAY

The full potential of DUO DALI presence detectors with WINSTA connection can be seen in larger rooms that only have windows on one side. Thanks to an additional offset light channel, lights both close to and away from the window can be adjusted to better suit the different lighting conditions. A DALI actuator from ESYLUX also allows ventilation systems and panel lighting to be connected to the system and switched on and off depending on whether human presence can be detected
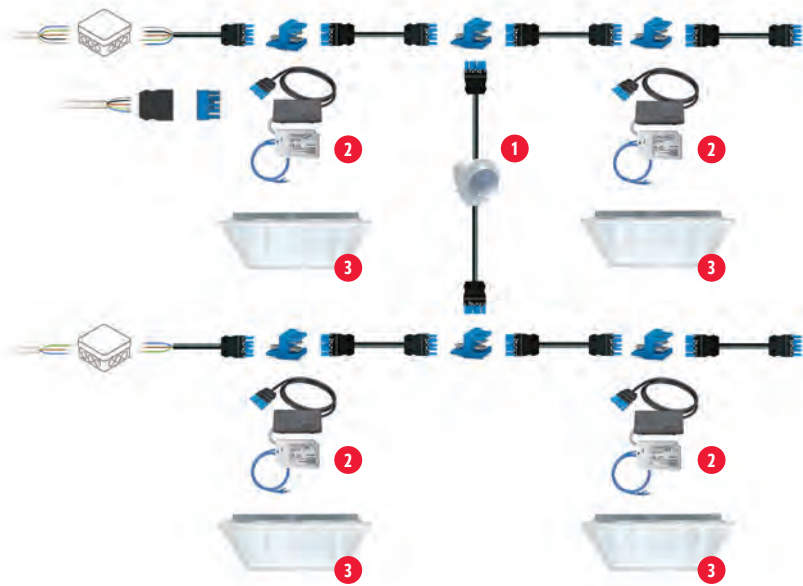
Suggested planning with DUO DALI presence detectors
Driver Sets allow CELINE ceiling lights from ESYLUX and DUO DALI presence detectors with WINSTA connection to be easily combined via plug-and-play. ▲

1 PD-C 360i/24 DUO DALI WAGO WINSTA Codel
2 DRIVER-SET 30W RJ45 WAGO WINSTA DALI
3 CELINE PNL 600 DDP OP 3500 840 IP20 ELC

Product group / product name	Item no.
Motion detector / ceiling mounting	
ON/OFF	
MD-C 360i/8 WAGO WINSTA CodeA/S (white, similar to RAL 9010)	EP10424601
MD-C 360i/24 WAGO WINSTA CodeA/S (white, similar to RAL 9010)	EP10424618
MD-C 360i/8 WAGO WINSTA CodeA (white, similar to RAL 9010)	EP10424809
MD-C 360i/24 WAGO WINSTA CodeA (white, similar to RAL 9010)	EP10424816
Presence detectors / ceiling mounting	
ON/OFF	
PD-C 360i/8 WAGO WINSTA CodeA/S (white, similar to RAL 9010)	EP10424625
PD-C 360i/24 WAGO WINSTA CodeA/S (white, similar to RAL 9010)	EP10424632
PD-C 360i/8 WAGO WINSTA CodeA (white, similar to RAL 9010)	EP10424823
PD-C 360i/24 WAGO WINSTA CodeA (white, similar to RAL 9010)	EP10424830
DALI	
PD-C 360i/8 DUO DALI WAGO WINSTA CodeB (white, similar to RAL 9010)	EP10424649
PD-C 360i/24 DUO DALI WAGO WINSTA CodeB (white, similar to RAL 9010)	EP10424656
PD-C 360i/8 DUO DALI WAGO WINSTA CodeA/I (white, similar to RAL 9010)	EP10424663
PD-C 360i/24 DUO DALI WAGO WINSTA CodeA/I (white, similar to RAL 9010)	EP10424670
PD-C 360i/8 DUO DALI WAGO WINSTA Codel (white, similar to RAL 9010)	EP10424847
PD-C 360i/24 DUO DALI WAGO WINSTA Codel (white, similar to RAL 9010)	EP10424854

YOUR ADVANTAGES AT A GLANCE
- Simple and safe plug-and-play installation
- Reduced errors thanks to mechanical and colour coding
- Can also be installed by untrained individuals
- Very flexible conversion
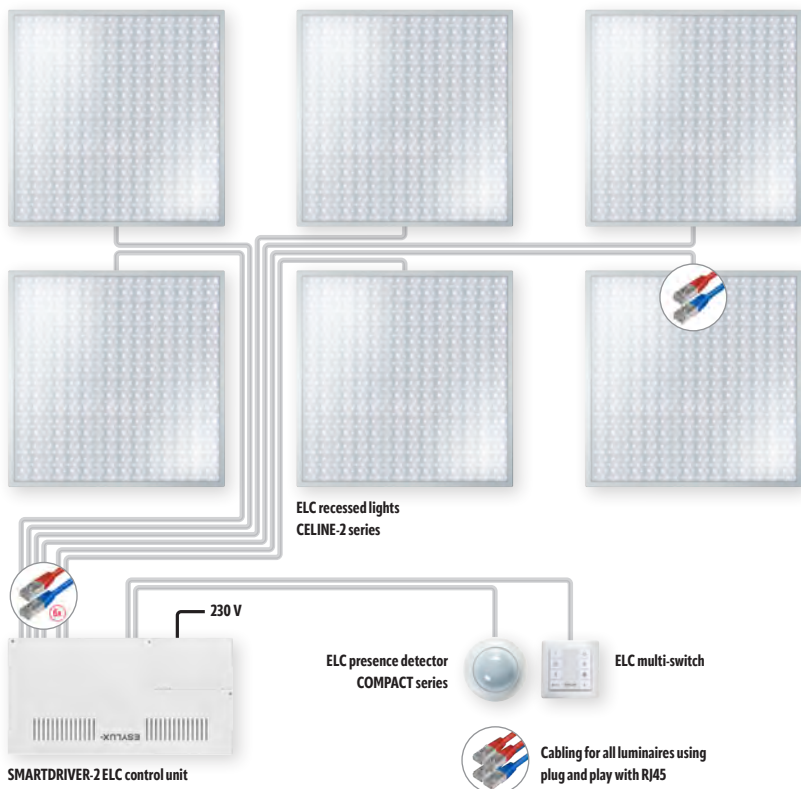- Tried-and-tested ESYLUX high-quality sensor technology

SMART SYSTEM SEN SOR TECHNOLOGY

PRESENCE DETECTORS FOR ESYLUX LIGHT CONTROL ELC

Whether as a preconfigured, ready-to-install set for standard rooms or an individual customisable solution: Our light systems with ESYLUX Light Control ELC combine the best light with the simplest installation and operation – whatever your budget! Ceiling lights, controlunits, as well as the PD-C 360i/8 and /24 ELC presence detectors, are connected to one another as system components using plug-and-play, and can be grouped for different room zones via simple plug connections.

ENERGY-EFFICIENT HUMAN CENTRIC LIGHTING VIA PLUG-AND-PLAY

When in operation, the ELC system solutions create optimal lighting for workplaces. Due to the energy-efficient Human Centric Lighting (HCL) of the SymbiLogic technology, they promote lasting vitality, well-being, the ability to concentrate and a restful night's sleep. With automatic presence- and daylight-dependent switching and the adaptive HCL light control of SymbiLogic, energy consumption is kept to a minimum.

Product group / product name	Item no.
Presence detectors / ceiling mounting	
ELC (ESYLUX Light Control)	
PD-C 360i/8 ELC (white, similar to RAL 9010)	EP10427602
PD-C 360i/24 ELC (white, similar to RAL 9010)	EP10427619

ELC recessed lights
CELINE-2 series

230 V

ELC presence detector
COMPACT series

ELC multi-switch

Cabling for all luminaires using plug and play with RJ45

SMARTDRIVER-2 ELC control unit

The SMARTDRIVER-2 control unit contains the power supply for the system luminaires and the system sensors, which is why they can be connected easily using plug and play.

LIGHTING SYSTEMS WITH ESYLUX LIGHT CONTROL ELC:

Up to **60 %**	Up to **90 %**
time savings due to plug and play	fewer 230 V connections using SELV
Can also be installed by non-skilled personnel	

YOUR ADVANTAGES AT A GLANCE
- Intelligent sensor system for light systems with ESYLUX Light Control ELC
- Presence and daylight dependent adaptive HCL light control
- System integration via plug-and-play
- With ranges for all applications

ELC lighting systems
- Automated lighting solutions with plug-and-play installation
- Ready for use immediately, with no programming required
- Energy-efficient Human Centric Lighting
- Freely configurable or as a ready-to-install set
- Simple, error-free grouping via plug connection
- For room-by-room modernisation in day-to-day operation

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Room / Installation type	ON/OFF (230 V) Product name	Item no.	DALI/DALI-2 Product name	Item no.	KNX Product name	Item no.
CORRIDORS						
Recessed mounting	PD-C 360i/32 Corridor or MD-C 360i/32 Corridor	EP10428180 / EP10428128			PD-C 360i/32 KNX	EP10427794
Surface mounting	PD-C 360i/32 Corridor or MD-C 360i/32 Corridor with COMPACT MOUNTING BOX IP20 SM WH	EP10428180 / EP10428128 / EP10425370			PD-C 360i/32 KNX with COMPACT MOUNTING BOX IP20 SM WH	EP10427794 / EP10425370
Wall recessed mounting	MD 180i/16 BASIC	EB10430459			PD-C 180i KNX	EP10426445
Recessed mounting	BASIC EXPRESS PD 360° 08 IR 1C FM IP23 WH or BASIC EXPRESS MD360° 08 IR 1C FM IP23 WH	EB10431784 / EB10431777	PD-FLAT 360i/8 RW DALI or PD-FLAT 360i/8 RW DALI SET	EP10427541 / EP10428708		
STAIRCASES						
Recessed mounting	MD-C 360i/8 [1) 2) 3)] or BASIC EXPRESS MD360° 08 IR 1C FM IP23 WH	EP10055393 / EB10431777				
Surface mounting	MD-C 360i/8 [1) 2) 3)] with COMPACT MOUNTING BOX IP54 SM WH	EP10055393 / EP10425905				
Wall recessed mounting	MD 180i/16 BASIC	EB10430459			PD-C 180i KNX	EP10426445
SIDE ROOMS						
Surface mounting	MD 360i/8 BASIC or MD 360i/24 BASIC [3)]	EB10430428 / EB10430862				
Recessed mounting	BASIC EXPRESS MD 360° 08 IR 1C FM IP23 WH	EB10431777				
Surface mounting	MD 360i/8 BASIC SMB or MD 360i/24 BASIC SMB	EB10430466 / EB10430909				
Wall recessed mounting	MD 180i/16 BASIC	EB10430459				
WAREHOUSE						
Recessed mounting	PD-C 360i/32 Warehouse DIM plus	EP10425783				
Surface mounting	PD-C 360i/32 Warehouse slave with COMPACT MOUNTING BOX IP54 SM WH	EP10425790 / EP10425905				
SANITARY FACILITIES						
Recessed mounting	PD-C 360i/8 MIC or BASIC EXPRESS MD 360° 08 IR 1C FM IP23 WH	EP10425882 / EB10431777			PD-C 360i/8 KNX UP [1)]	EP10427404
Surface mounting	MD 360i/8 BASIC IP54	EB10431319			PD-C 360i/8 KNX UP [1)] with COMPACT MOUNTING BOX IP54 SM WH	EP10427404 / EP10425905
Wall recessed mounting	MD 180i/16 BASIC or MD 180i/R	EB10430459 / EM10055010			PD-C 180i KNX	EP10426445
flush ceiling installation miniaturized			PD-C 360i/8 mini DALI	EP10427510		
CANTEENS						
Recessed mounting			PD-C 360i/24 DUO DALI	EP10427459	PD-C 360i/24 KNX UP [1)]	EP10427428
Surface mounting			PD-C 360i/24 DUO DALI with COMPACT MOUNTING BOX IP20 SM WH	EP10427459 / EP10425370	PD-C 360i/24 KNX UP [1)] with COMPACT MOUNTING BOX IP20 SM WH	EP10427428 / EP10425370
OUTDOOR AREAS RANGE MAX. Ø 40 M						
Wall- or ceiling mounting with pivot socket	RC 230i white	EM10015311			RC 230 KNX white	EM10015472
Wall- or ceiling mounting with flexible sensor head	DEFENSOR MD 230° 40 IR 1C IP55 WH	EM10025372				
HOUSE ENTRANCE RANGE MAX. Ø 20 M						
Wall mounting	DEFENSOR MD 200° 24 IR 1C IP55 WH	EM10025358				
Wall mounting (with corner socket at the corner of the house)	MD 200 white with MD EDGE MOUNTING WH	EM10025310 / EM10025518				
Wall mounting	MD-W 200i white	EM10041006				

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Room / Installation type	ON/OFF (230 V) Product name	Item no.	DALI/DALI-2 Product name	Item no.	KNX Product name	Item no.
SINGLE OFFICE STANDARD						
Recessed mounting			PD-C 360i/8 DUO DALI	EP10427442	PD-C 360i/8 KNX UP [1)]	EP10427404
Surface mounting			PD-C 360i/8 DUO DALI with COMPACT MOUNTING BOX IP20 SM WH	EP10427442 / EP10425370	PD-C 360i/8 KNX UP [1)] with COMPACT MOUNTING BOX IP20 SM WH	EP10427404 / EP10425370
Flush ceiling Installation with glass cover			PD-FLAT 360i/8 RW DALI* with FLAT COVER GLASS ROUND WH	EP10427541 / EP00007255	PD-FLAT 360i/8 RW KNX with FLAT COVER GLASS ROUND WH	EP10451706 / EP00007255
GROUP AND LARGE SPACE OFFICES						
Recessed mounting	PD-C 360i/24 [1) 2) 3)]	EP10428067	PD-C 360i/24 DUO DALI	EP10427459	PD-C 360i/24 KNX UP [1)]	EP10427428
Surface mounting	PD-C 360i/24 [1) 2) 3)] with COMPACT MOUNTING BOX IP20 SM WH	EP10428067 / EP10425370	PD-C 360i/24 DUO DALI with COMPACT MOUNTING BOX IP20 SM WH	EP10427459 / EP10425370	PD-C 360i/24 KNX UP [1)] with COMPACT MOUNTING BOX IP20 SM WH	EP10427428 / EP10425370
REVERSIBLE OFFICE						
Recessed mounting with Multisensorik					PD-ATMO 360i/8 O AUX 30 V KNX	EP10427664
Recessed mounting			PD-FLAT 360i/8 RW DALI*	EP10427541	PD-FLAT 360i/8 RD WH KNX	EP10451706
Flush ceiling Installation with glass cover			PD-FLAT 360i/8 RW DALI* with FLAT COVER GLASS ROUND WH	EP10427541 / EP00007255	PD-FLAT 360i/8 RW KNX with FLAT COVER GLASS ROUND WH	EP10451706 / EP00007255
Recessed mounting			PD-C 360bt/8 APC10 PS plus DALI-2 [1) 2)]	EP10428142		
Recessed mounting			PD-C 360bt/8 APC20 PS plus DALI-2 [1) 2)]	EP10428272		
Recessed mounting			PD-FLAT 360/8 RW BMS DALI-2	EP10423031		
CLASSROOMS						
Recessed mounting with Multisensorik					PD-ATMO 360i/8 O AUX 30 V KNX	EP10427664
Recessed mounting			PD-C 360i/24 DUO DALI	EP10427459	PD-C 360i/24 KNX UP [1)]	EP10427428
Surface mounting			PD-C 360i/24 DUO DALI with COMPACT MOUNTING BOX IP20 SM WH	EP10427459 / EP10425370	PD-C 360i/24 KNX UP [1)] with COMPACT MOUNTING BOX IP20 SM WH	EP10427428 / EP10425370
PATIENT ROOMS						
Recessed mounting	PD-C 360i/8 [1) 2) 3)]	EP10425059	PD-C 360i/8 DUO DALI	EP10427442	PD-C 360i/8 KNX UP [1)]	EP10427404
Surface mounting	PD-C 360i/8 [1) 2) 3)] with COMPACT MOUNTING BOX IP54 SM WH	EP10425059 / EP10425905	PD-C 360i/8 DUO DALI with COMPACT MOUNTING BOX IP54 SM WH	EP10427442 / EP10425905	PD-C 360i/8 KNX UP [1)] with COMPACT MOUNTING BOX IP54 SM WH	EP10427404 / EP10425905
Flush ceiling installation	PD-CE 360i/8	EP10510700				
ENTRANCE AREAS						
Flush ceiling installation with glass cover	PD-FLAT 360i/8 RW with FLAT COVER GLASS ROUND WH	EP10427930 / EP00007255	PD-FLAT 360i/8 RW DALI* with FLAT COVER GLASS ROUND WH	EP10427541 / EP00007255	PD-FLAT 360i/8 RW KNX with FLAT COVER GLASS ROUND WH	EP10451706 / EP00007255
flush ceiling installation miniaturized	PD-C 360i/8 mini	EP10426025	PD-FLAT 360i/8 mini DALI* or PD-FLAT 360i/6 mini DALI*	EP10427510 / EP10427503	PD-C 360i/8 mini KNX	EP10426155
Surface mounting	MD 360i/8 BASIC IP54	EB10431319				

When selecting products, please always observe the locally applicable standards and regulations with regard to the minimum requirements.

* These detectors require a DALI power supply (EEC10430008) to be ordered separately.

Topseller

WH	= white	BR	= brown	RD	= round
BK	= black	SST	= stainless steel effect	SQ	= square
AN	= anthracite	bt	= Bluetooth		

1) also available in black
2) also available with WAGO WINSTA connection
3) also available for recessed mounting

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