

MODERNISE LEARNING SPACES, REDUCE CO₂ EMISSIONS. **ESY!**

OPTIMISE THE ENERGY EFFICIENCY OF LIGHTING AND VENTILATION IN THE CLASSROOM

Better energy efficiency in schools doesn't just save public money – it also conserves natural resources and reduces global CO₂ emissions, which are the main cause of climate change.

DUO-DALI presence detectors, ceiling lights and DALI actuators from ESYLUX enable you to increase energy efficiency automatically – and create an optimal learning environment at the same time!

PERFORMANCE FOR SIMPLICITY

ESYLUX GmbH | sales@esylux.com | www.esylux.com



LEARN BETTER AUTOMATICALLY

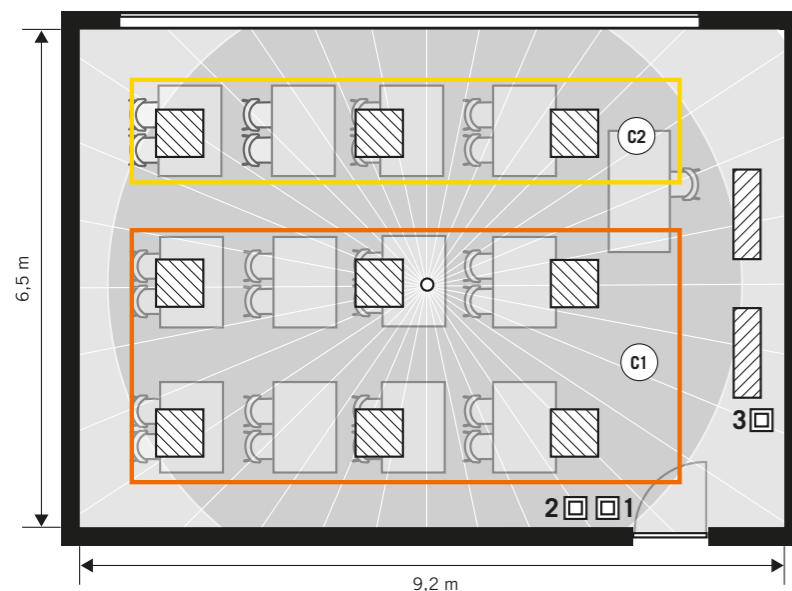
WITH LIGHTING AND VENTILATION CONTROL

Most classrooms only have windows on one side of the room. This is the ideal environment for DUO DALI presence detectors in the COMPACT series: With an offset between the lights that are far away from and close to the windows, the presence and daylight dependent constant light control perfectly adjusts to the conditions of the room. This helps to optimise the energy-efficient use of daylight and ensure optimal lighting conditions during lessons.

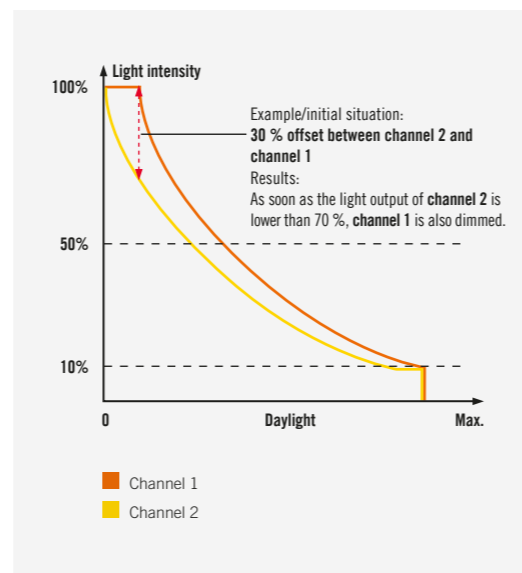
The detectors also switch the ventilation on fully automatically via the DALI actuator to ensure that everyone keeps a clear head, while flicker-free ESYLUX ceiling lights enable fatigue-free learning. Panel lighting is also integrated via an actuator – and if needed, this integrated solution can be easily installed via plug-and-play thanks to hot-plug-compatible components!



EXAMPLE CLASSROOM DESIGN



The lights close to the window and the lights further away from the window are assigned to separate light channels on the DUO DALI presence detector. This setting can also be overridden using the push button.



An offset between the channels optimises the light closed loop control and lighting conditions and increases energy efficiency.

DUO DALI PRESENCE DETECTORS COMPACT SERIES



PANEL LIGHTS SERIES STELLA CELINE CELINE-2



DALI ACTUATOR ACCESSORIES



AUTOMATION AND LIGHTING SOLUTIONS FOR CLASSROOMS FROM A SINGLE SOURCE:

- Presence and daylight dependent constant light control
- 2 broadcast light channels with an adjustable offset
- Afterglow and orientation light
- Flicker-free ceiling lights
- Automatic or semi-automatic control of ventilation and panel lighting via DALI actuators

INSTALLATION AND FIRST USE:













- Standard installation or plug and play
- Can be immediately put into operation with DALI broadcast
- Easy to configure with the ESY-Pen and ESY-App

ENERGY EFFICIENCY THAT'S SIMPLE TO INSTALL. **ESY!**

FOCUS PRODUCTS







CLASSROOM SOLUTION PLUG AND PLAY

- Lights, driver sets and detectors with plug-in connectors for integration into WAGO-WINSTA systems
- CELINE and CELINE-2: Homogeneous illumination and long service life due to the backlight layout of the LEDs
- Flicker-free light for healthy, fatigue-free learning

Product group/product name	Item no.
Recessed lights	
 CELINE PNL 600 DDP OP 3300 830 IP20 ELC	EQ10122002
 CELINE PNL 600 DDP OP 3500 840 IP20 ELC	EQ10122026
 CELINE PNL 600 DDP TR 4200 840 IP20 ELC	EQ10122088
 CELINE PNL 1200 LDP SO 3400 840 IP20 ELC	EQ10126093
 CELINE-2 PNL 600 DDP OP 4000 840 IP20 ELC	EQ10132315
Presence detector	
 PD-C 360i/8 DUO DALI WAGO WINSTA CodeI	EP10424847
 PD-C 360i/24 DUO DALI WAGO WINSTA CodeI	EP10424854
 PD-C 360i/8 DUO DALI WAGO WINSTA CodeB	EP10424649
 PD-C 360i/24 DUO DALI WAGO WINSTA CodeB	EP10424656
Accessories	
 DRIVER-SET 30W RJ45 WAGO WINSTA DALI	EQ10127762
 ACTUATOR FULL AUTO C3 DALI	EP10427473
 ACTUATOR SEMI AUTO C4 DALI	EP10427480

CLASSROOM SOLUTION STANDARD

- STELLA ceiling lights: flat design, homogeneous light emission
- Lightweight and easy-to-use lights
- Electronic ballast simply plugs into the light
- Flicker-free light for healthy, fatigue-free learning

Product group/product name	Item no.
Recessed lights	
 STELLA PNL 600 DDP OP 3800 840 IP20 DALI	EQ10600234
Presence detector	
 PD-C 360i/8 DUO DALI	EP10427442
 PD-C 360i/24 DUO DALI	EP10427459
 PD-C 360i/32 DUO DALI	EP10427787
Accessories	
 ACTUATOR FULL AUTO C3 DALI	EP10427473
 ACTUATOR SEMI AUTO C4 DALI	EP10427480

Please contact your electrical wholesaler to enquire about your purchase price.

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.

PERFORMANCE FOR SIMPLICITY

ESYLUX GmbH | sales@esylux.com | www.esylux.com

Perform individual parameterisation using only the ESY-Pen and the ESY-App.
ESY-Pen item no.: EP10425356 | Find out more at: esylux.com

