

## NEW: ELC SERIES UPDATE

SMARTDRIVER-2 | CELINE-2 | QUADRO-SET-2

# IMPROVE LEARNING CONDITIONS IN AN ENERGY- EFFICIENT MANNER. **ESY!**

## ESYLUX LIGHT CONTROL ELC

### THE INTELLIGENT LIGHTING SOLUTION FOR SCHOOLS

Easily create light groups via plug and play: Lighting systems with ESYLUX Light Control make this possible – and with energy-efficient Human Centric Lighting, learning and teaching conditions in educational institutions are improved in a sustainable manner.

- Sensor-controlled lighting systems
- Easy installation, grouping, scaling and networking via plug and play
- Energy-efficient Human Centric Lighting or constant light control
- Extensive range of additional functions

### PERFORMANCE FOR SIMPLICITY

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

Up  
to **60 %**  
time savings due to  
plug and play  
Can also be installed  
by non-skilled workers

Up  
to **90 %**  
fewer 230 V  
connections  
using SELV



# FREELY CONFIGURABLE OR PRE-CONFIGURED

## WITH FLEXIBLE PLUG AND PLAY



ELC CONTROL UNIT  
SMARTDRIVER-2 SERIES

NEW!

- DALI outputs for additional lighting with Tunable White variants, now compatible with DT8
- Automatic ON/OFF of C0 bus power supply
- Low design height of just 85 mm
- Flexible installation feet for multi-sided fastening
- Various other detailed improvements



ELC CEILING LIGHTS  
CELINE-2 SERIES

NEW!

- Powerful Tunable White variants for energy-efficient Human Centric Lighting
- Homogeneous illumination and a long service life thanks to the backlight layout of the LEDs
- Suitable for screen-based workplaces in accordance with DIN EN 12464-1 ( $UGR \leq 19$ )
- Flicker-free light for healthy, fatigue-free learning



ELC PRESENCE DETECTOR  
COMPACT SERIES

- Reliable, proven presence and light sensor systems
- One design for all applications within a building
- Two-piece housing for fast, easy installation



ELC-QUADRO-SETS-2

NEW!

- Preconfigured, ready-to-install lighting system with ESYLUX Light Control ELC
- Optimised for rooms up to approx. 20 m<sup>2</sup>
- Incl. control unit, sensor system, luminaires, cabling
- Now with SMARTDRIVER-2 and CELINE-2!

Whether in classrooms, staff rooms or break areas: ELC lighting systems can be freely configured to meet any requirement and all dimensions. Luminaires are easily assigned to individually controlled groups via plug and play. And it gets even simpler with pre-configured Quadro-Sets in standard offices and short corridors.

Equally beneficial in any situation: Energy-efficient Human Centric Lighting using SymbiLogic technology from ESYLUX. It uses a dynamic light progression that imitates daylight to promote wellbeing and improve learning conditions.



INCREASES  
VITALITY  
MOTIVATION  
PERFORMANCE

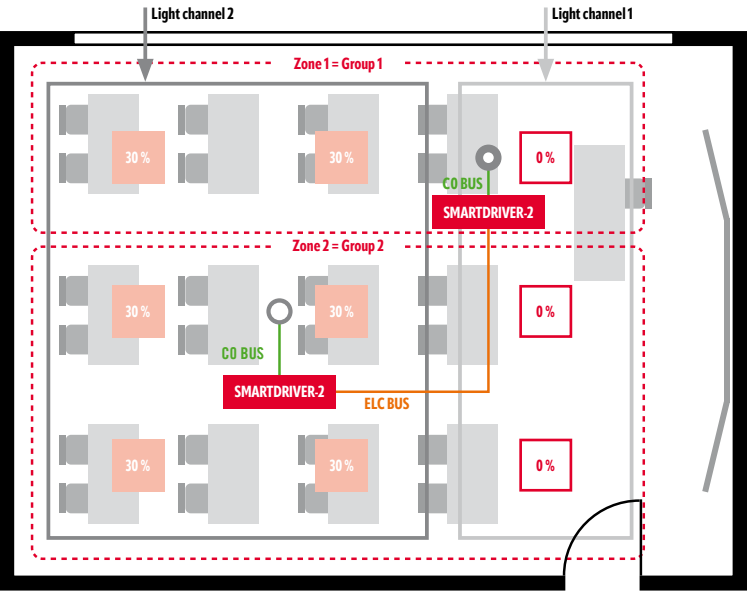


REDUCES  
ERRORS  
ABSENCES  
RESTLESSNESS

### SOLUTION A



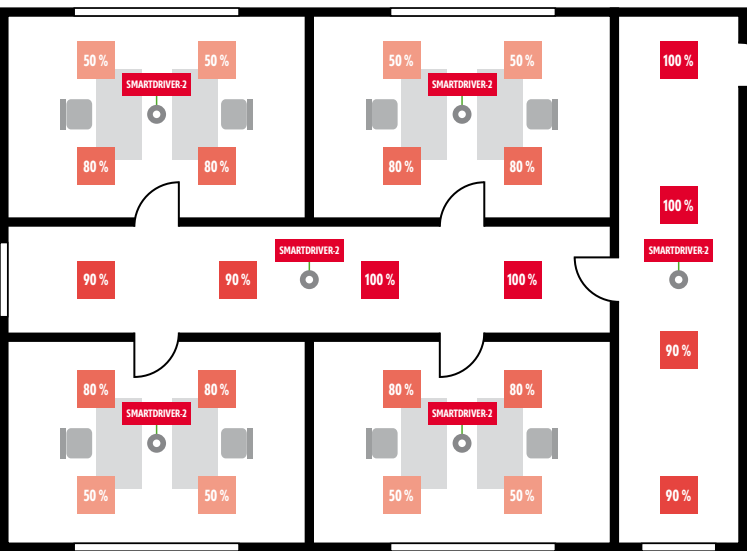
#### CLASSROOMS (FREELY CONFIGURABLE)



### SOLUTION B



#### SCHOOL OFFICES (PRE-CONFIGURED QUADRO-SETS)



Quantity	Product	Item no.
9x	Ceiling light CELINE-2 PNL 600 DDP TR 4200 8TW IP20 ELC	EQ10132353
1x	Presence detector PD-C 360i/24 ELC	EP10427619
1x	Presence detector PD-C 360i/8 ELC	EP10427602
1x	Control unit SMARTDRIVER-2 TW IR 2C+2x6 ELC	EC10431487
1x	Control unit SMARTDRIVER-2 TW IR 2C+2x4 ELC	EC10431418
Accessories		
1x	CABLE SET RJ45 5m TW x8	EC10431203
1x	CABLE RJ45 5m BL	EQ10019982
1x	CABLE RJ45 5m RD	EQ10019890
3x	CABLE RJ10-OPEN END 10m WH	EC10431517
1x	CABLE RJ11 10m WH	EC10431524
1x	PUSH BUTTON x8 TW ELC	EC10430930
Optional for switching board lighting and ventilation		
DALI actuator	ACTUATOR SEMI AUTO C4 DALI	EP10427480
	ACTUATOR FULL AUTO C3 DALI	EP10427473

In classrooms, the presence detectors of the light groups connected via the ELC bus ensure individual light control in both room zones.

The luminaires in the front and back areas of the room are assigned to different light channels and can therefore be overridden individually – for example, during a projector presentation.

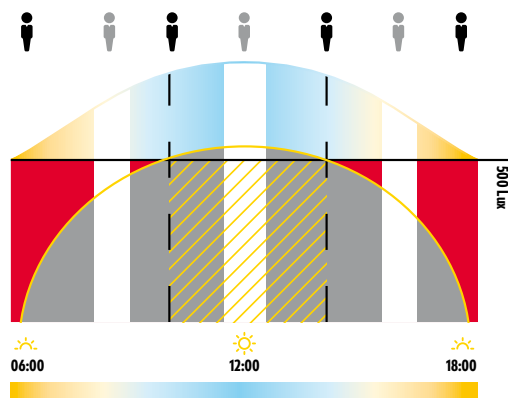
Quantity	Product	Item no.
6x	QUADRO-SET CELINE-2 HCL 600 DDP TR 8TW IR ELC	EQ10132452
Optional for manual override or semi-automatic operation		
6x	PUSH BUTTON x8 TW ELC	EC10430930
6x	CABLE RJ10-OPEN END 10m WH	EC10431517
Optional for switching ventilation in offices		
DALI actuator	ACTUATOR SEMI AUTO C4 DALI	EP10427480
	ACTUATOR FULL AUTO C3 DALI	EP10427473

Quadro-Sets allow for the easy, energy-efficient modernisation of lighting in rooms up to approx. 20 m<sup>2</sup>, for example in secretary's offices or administrative facilities in schools. One set includes an ELC control unit, an ELC presence detector, four ELC ceiling lights and cabling for plug and play.

An offset between luminaires closest to and furthest from windows when controlling lighting allows for the more energy-efficient use of daylight.

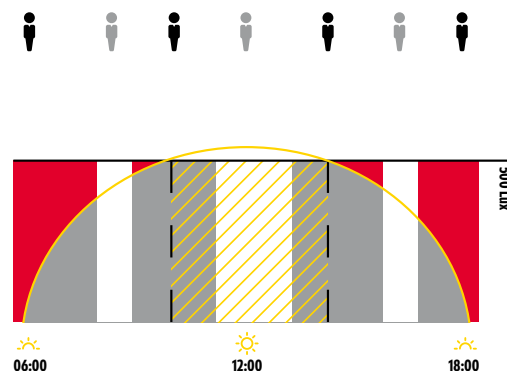
□ Illuminance of ELC luminaires in %  
○ ELC presence detector 24 m  
● ELC presence detector 8 m  
■ SMARTDRIVER-2 ELC control unit

## WITH SYMBILOGIC TECHNOLOGY FOR ENERGY-EFFICIENT HUMAN CENTRIC LIGHTING



SymbiLogic technology from ESYLUX produces healthy Human Centric Lighting and provides an energy-efficient solution with presence- and daylight-dependent switching and adaptive HCL light control.

## WITH PRESENCE- AND DAYLIGHT-DEPENDENT CONSTANT LIGHT CONTROL



Presence- and daylight-dependent constant light control is the alternative for lighting with fixed light colour. Just like SymbiLogic, it also makes use of available daylight to save energy.

## SOLUTION A: CLASSROOMS (FREELY CONFIGURABLE)



Product group / product name	Item no.
CELINE-2 PNL 600 DDP TR 4200 8TW IP20 ELC	EQ10132353
PD-C 360i/24 ELC	EP10427619
PD-C 360i/8 ELC	EP10427602
SMARTDRIVER-2 TW IR 2C+2 x6 ELC	EC10431487
SMARTDRIVER-2 TW IR 2C+2 x4 ELC	EC10431418
<b>Accessories</b>	
CABLE-SET RJ45 5m TW x8	EC10431203
CABLE RJ45 5m BL	EQ10019982
CABLE RJ45 5m RD	EQ10019890
CABLE RJ11 10m WH	EC10431524
CABLE RJ10-OPEN END 10m WH	EC10431517
PUSH BUTTON x8 TW ELC	EC10430930
<b>Optional for switching board lighting and ventilation</b>	
ACTUATOR SEMI AUTO C4 DALI	EP10427480
ACTUATOR FULL AUTO C3 DALI	EP10427473

### CONSTANT LIGHT CONTROL

Product group / product name	Item no.
CELINE-2 PNL 600 DDP TR 4400 840 IP20 ELC	EQ10132346
PD-C 360i/24 ELC	EP10427619
PD-C 360i/8 ELC	EP10427602
SMARTDRIVER-2 IR 4C+2 x8 ELC	EC10431425
<b>Accessories</b>	
CABLE-SET RJ45 5m x8	EC10431227
DRIVER-SET 30W 700mA RJ45 DALI (1x required)	EQ10127854
CABLE RJ11 10m WH	EC10431524
CABLE RJ10-OPEN END 10m WH	EC10431517
PUSH BUTTON x8 ELC	EC10430923
<b>Optional for switching board lighting and ventilation</b>	
ACTUATOR SEMI AUTO C4 DALI	EP10427480
ACTUATOR FULL AUTO C3 DALI	EP10427473

## SOLUTION B: SCHOOL OFFICES (PRE-CONFIGURED QUADRO-SETS)



Product group / product name	Item no.
QUADRO-SET CELINE-2 HCL 600 DDP TR 8TW IR ELC	EQ10132452
<b>Accessories</b>	
PUSH BUTTON x8 TW ELC	EC10430930
CABLE RJ10-OPEN END 10m WH	EC10431517
<b>Optional for switching ventilation</b>	
ACTUATOR SEMI AUTO C4 DALI	EP10427480
ACTUATOR FULL AUTO C3 DALI	EP10427473

### CONSTANT LIGHT CONTROL

Product group / product name	Item no.
QUADRO-SET CELINE-2 600 DDP TR 840 IR ELC	EQ10132445
<b>Accessories</b>	
PUSH BUTTON x8 ELC	EC10430923
CABLE RJ10-OPEN END 10m WH	EC10431517
<b>Optional for switching ventilation</b>	
ACTUATOR SEMI AUTO C4 DALI	EP10427480
ACTUATOR FULL AUTO C3 DALI	EP10427473

## ELC PRESENTER: A CLEAR OVERVIEW OF SYSTEM DESIGN AND BENEFITS

The animated ELC presenter on the ESYLUX website provides a clear overview of the lighting systems – and demonstrates the benefits for your next project!



## PERFORMANCE FOR SIMPLICITY

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

Please contact your electrical wholesaler to enquire about your purchase price. For delivery times and further information on our products, please refer to our website.