

DEMAND-DRIVEN FOR INCREASED EFFICIENCY:
E.G. WITH THE COMPACT APC20
PRESENCE DETECTOR FOR DALI-2



FUNCTIONAL DESIGN, FLOATING LIGHT. **ESY!**

SVENJA SERIES CEILING LIGHTS

Homogeneous, dazzle-free illumination, long LED service life and indirect light to create beautifully lit spaces:

The **SVENJA** ceiling lights feature impressive light quality and an intelligent design, and offer versions for the DALI-2 industry standard and for easy, demand-dependent switching so that you can control the luminaires in an energy efficient manner.

PERFORMANCE FOR SIMPLICITY

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IMPRESSIVE AND EFFICIENT



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

Ø 900 mm

SVENJA CL 900 DDP OP 7000 8TW IP20 DALI-2 DT8	E010850677	2700 - 6500 K	DALI-2
SVENJA CL 900 DDP OP 9400 830 IP20 DALI-2	E010850684	3000 K	DALI-2
SVENJA CL 900 DDP OP 9600 840 IP20 DALI-2	E010850660	4000 K	DALI-2

Ø 600 mm

SVENJA CL 600 DDP OP 5600 8TW IP20 DALI-2 DT8	E010850639	2700 - 6500 K	DALI-2
SVENJA CL 600 DDP OP 5600 830 IP20 DALI-2	E010850646	3000 K	DALI-2
SVENJA CL 600 DDP OP 5700 840 IP20 DALI-2	E010850653	4000 K	DALI-2

Ø 450 mm

SVENJA CL 450 DDP OP 3400 8TW IP20 DALI-2 DT8	E010850585	2700 - 6500 K	DALI-2
SVENJA CL 450 DDP OP 3300 830 IP20 DALI-2	E010850608	3000 K	DALI-2
SVENJA CL 450 DDP OP 3400 840 IP20 DALI-2	E010850622	4000 K	DALI-2
SVENJA CL 450 DDP OP 3300 830 IP20	E010850592	3000 K	ON/OFF
SVENJA CL 450 DDP OP 3400 840 IP20	E010850615	4000 K	ON/OFF

◀ Visually impressive surface mounting: Indirect light makes the luminaires appear to float under the ceiling.

- High LED light quality in harmonious design
- Indirect light makes the luminaires appear to float under the ceiling
- Versions for DALI-2 or ON/OFF
- Convenient mounting in two steps due to modular design

5 YEARS
MANUFACTURER
WARRANTY

- Flat LED surface-mounted lights with powder-coated aluminium housing available in three sizes
- 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 the Tunable White luminaires possible via ESYLUX push-button
- Alternatively, ON/OFF versions available for demand-dependent switching
- 35 % indirect light enhances the room atmosphere and makes the luminaires appear to float under the ceiling
- Homogeneous, dazzle-free illumination and long LED service life due to the flat, backlight arrangement of the LEDs and the specially coordinated lenses
- DALI-2 variants with switch DIM function (with fixed light colour only Ø 450/600)
- Easy to mount due to two-piece design with a snap lock and electrical connector
- Ø 450 and 600 mm versions can be installed by one person
- Pendulum mounting with wire pendulum set (2 m) or pole pendulum set (1 m) available as optional accessories

FOR INTELLIGENT LIGHT GROUPS

Relaxing, games or focussed study – break areas in modern schools often encompass a wide variety of activities. APC presence detectors for DALI-2 meet the requirements for these areas by providing intelligent control of up to 16 light groups, supported by BMS presence detectors as input devices.



EXAMPLE SOLUTION FOR BREAK ROOMS IN SCHOOLS: DALI-2 CONTROL VIA APC20 PRESENCE DETECTOR



SVENJA CL 450 DDP OP
3300 830 IP20 DALI-2

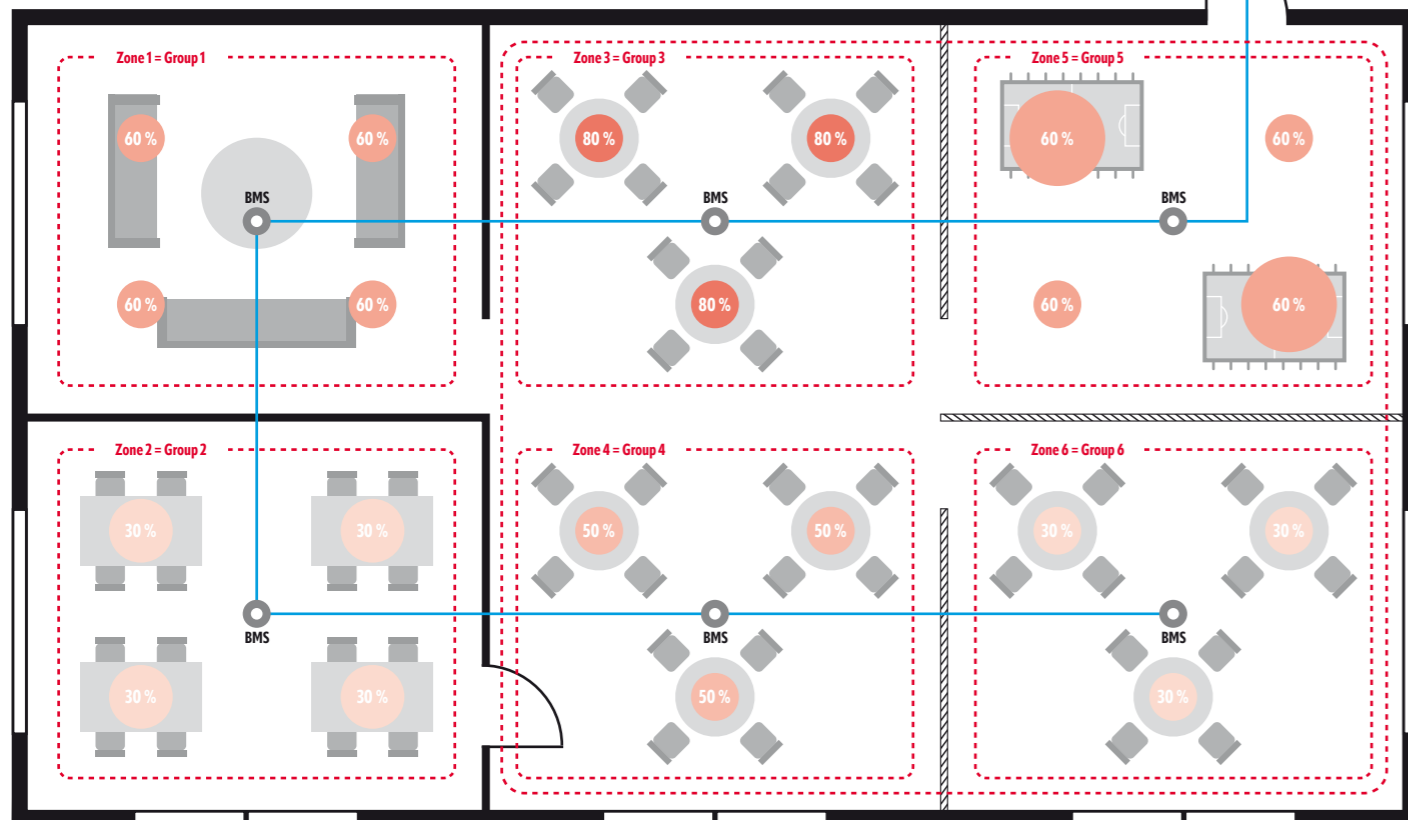


PD-C 360bt/8 APC20 PS
plus DALI-2

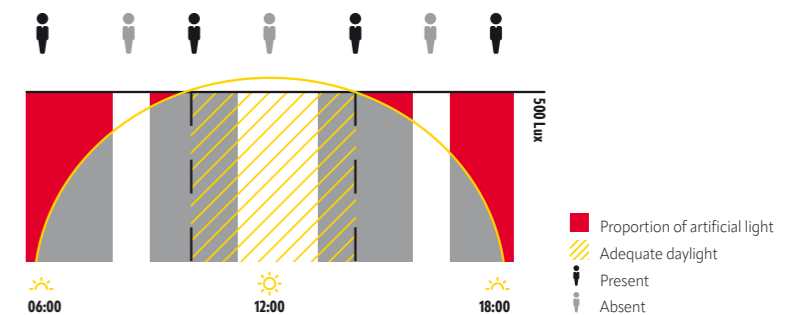
The APC presence detector individually controls the respective light groups in the lounge (Zone 1), computer study area (Zone 2), cafeteria (Zones 3/4 with offset and 6) and in the entrance area containing table football tables (Zone 5). For other types of use (e.g. events), the three movable separation walls in the room can be easily pushed to one side. The APC then automatically switches over Groups 3 – 6 and controls all the associated luminaires as one collective group.

PARTS LIST

Quantity	Product name	Item no.
15	SVENJA CL 450 DDP OP 3300 830 IP20 DALI-2	EO10850608
4	SVENJA CL 600 DDP OP 5600 830 IP20 DALI-2	EO10850646
2	SVENJA CL 900 DDP OP 9400 830 IP20 DALI-2	EO10850684
1	PD-C 360bt/8 APC20 PS plus DALI-2	EP10428272
6	PD-C 360/8 BMS DALI-2	EP10428203



PRESENCE- AND DAYLIGHT-DEPENDENT CONSTANT LIGHT CONTROL



Automatic adjustment of artificial light to suit the available daylight combined with presence-dependent light switching: Constant light control creates optimal lighting conditions with a fixed light colour – not to mention a high level of energy efficiency. The SVENJA series offers versions with 3000 K or 4000 K for this purpose.

EASY TO MOUNT IN ANY SITUATION

Whether installed directly on the ceiling or mounted with a pole or wire pendulum: SVENJA has the ideal mounting set for any application. The two-piece housing consisting of driver box and luminaire body makes mounting particularly easy. This means that the Ø 450 mm and Ø 600 mm versions can be installed by just one person!



1. First, wire and mount the driver box only
2. Next, connect the luminaire body to the box by simply using the electrical connector and snap lock
3. Two wires secure the luminaire body and prevent it from falling
4. You do not have to open the luminaire body at any time
5. Done!

ACCESSORIES

POLE PENDULUM SET

SVENJA POLE PENDULUM SET 1000
(Item no. EO10850561)



* Length can be shortened.

WIRE PENDULUM SET

SVENJA WIRE PENDULUM SET 2000
(Item no. EO10850578)



PUSH BUTTON

PUSH BUTTON x8 TW
(Item no. EO10431388)



For changing the light colour and brightness of the Tunable White luminaires, e.g. in a cafeteria. Two configurations can be saved as scenes S1 and S2 with a long press of the button.

DALI POWER SUPPLY

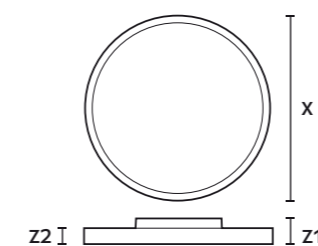
POWER SUPPLY 200mA DALI
(Item no. EC10430008)



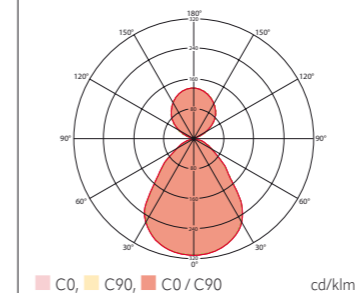
For operating the TW push button. Installation behind the push button or in the luminaire.


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	Energy efficiency class	Dimensions (mm)	New product
Ø 900 mm													
SVENJA CL 900 DDP OP 7000 8TW IP20 DALI-2 DT8 (white, similar to RAL 9016)	EO10850677	8TW	7000 lm	60 W	116 lm/W	<19	DDP	OP	IP20	DALI-2	LED EET C	X 900, Z1 87, Z2 45	★
SVENJA CL 900 DDP OP 9400 830 IP20 DALI-2 (white, similar to RAL 9016)	EO10850684	830	9400 lm	80 W	117 lm/W	<19	DDP	OP	IP20	DALI-2	LED EET D	X 900, Z1 87, Z2 45	★
SVENJA CL 900 DDP OP 9600 840 IP20 DALI-2 (white, similar to RAL 9016)	EO10850660	840	9600 lm	80 W	120 lm/W	<19	DDP	OP	IP20	DALI-2	LED EET D	X 900, Z1 87, Z2 45	★
Ø 600 mm													
SVENJA CL 600 DDP OP 5600 8TW IP20 DALI-2 DT8 (white, similar to RAL 9016)	EO10850639	8TW	5600 lm	48 W	116 lm/W	<19	DDP	OP	IP20	DALI-2	LED EET C	X 600, Z1 82, Z2 45	★
SVENJA CL 600 DDP OP 5600 830 IP20 DALI-2 (white, similar to RAL 9016)	EO10850646	830	5600 lm	46,5 W	120 lm/W	<19	DDP	OP	IP20	DALI-2	LED EET D	X 600, Z1 82, Z2 45	★
SVENJA CL 600 DDP OP 5700 840 IP20 DALI-2 (white, similar to RAL 9016)	EO10850653	840	5700 lm	46,5 W	122 lm/W	<19	DDP	OP	IP20	DALI-2	LED EET D	X 600, Z1 82, Z2 45	★
Ø 450 mm													
SVENJA CL 450 DDP OP 3400 8TW IP20 DALI-2 DT8 (white, similar to RAL 9016)	EO10850585	8TW	3400 lm	31 W	109 lm/W	<19	DDP	OP	IP20	DALI-2	LED EET C	X 450, Z1 82, Z2 45	★
SVENJA CL 450 DDP OP 3300 830 IP20 DALI-2 (white, similar to RAL 9016)	EO10850608	830	3300 lm	30 W	110 lm/W	<19	DDP	OP	IP20	DALI-2	LED EET D	X 450, Z1 82, Z2 45	★
SVENJA CL 450 DDP OP 3400 840 IP20 DALI-2 (white, similar to RAL 9016)	EO10850622	840	3400 lm	30 W	113 lm/W	<19	DDP	OP	IP20	DALI-2	LED EET D	X 450, Z1 82, Z2 45	★
SVENJA CL 450 DDP OP 3300 830 IP20 (white, similar to RAL 9016)	EO10850592	830	3300 lm	30 W	110 lm/W	<19	DDP	OP	IP20	ON/OFF	LED EET D	X 450, Z1 82, Z2 45	★
SVENJA CL 450 DDP OP 3400 840 IP20 (white, similar to RAL 9016)	EO10850615	840	3400 lm	30 W	113 lm/W	<19	DDP	OP	IP20	ON/OFF	LED EET D	X 450, Z1 82, Z2 45	★

PRODUCT TYPES



LIGHT DISTRIBUTION





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