

DATA SHEET

ESYLUX

SVENJA CL 450 DDP OP 3400 840 IP20

Item number

EO10850615

GTIN

4015120850615



Technical data

GENERAL

Device category	Ceiling light
Included in delivery	1x drilling template, 3x screws, 3x plugs, 2x screw knobs
Conformity	CE, WEEE, RoHS, EAC
Test symbol	ENEC 25
Warranty	5 years

ATTACHMENT

Installation type	Surface mounting
Installation position	Ceiling
Connectable wire cross section	1.5 – 2.5 mm ²
Number of contacts	3

HOUSING

Dimensions	Height/Depth 82 mm, Ø 450 mm
Weight	4000 g
Material	Aluminium
Protection type	IP20
Permissible ambient temperature	0 °C...+45 °C
Impact resistance	IK08
Colour	white, similar to RAL 9003
Glow wire test in accordance with IEC 60695-2-10	850 °C

ELECTRICAL VERSION

Control system	ON/OFF
Protection class	I
Nominal voltage	220 – 240 V AC/DC / 50 – 60 Hz

ON/OFF	220 – 240 V AC/DC	LED 4000 K	CRI 82	Phi 3400 lm	113 lm/W	IP20
--------	-------------------	------------	--------	-------------	----------	------



Product description

- Round, flat LED surface-mounted light with powder coated aluminium housing
- Opal diffuser with micro-prismatic texture made of impact-resistant polycarbonate
- Colour temperature 3000 K or 4000 K
- For intelligent lighting solutions with presence and daylight dependent control using ON/OFF presence detectors
- Optional accessories: Pendulum with adjustable cable pendulum kit (2 m) or tube pendulum kit (1 m)

In-rush current	14 A / 280 µs
Power consumption	30 W
Power consumption	800 mA
Stand-by consumption	< 0.5 W

LIGHT

Diffuser	opal
Glare suppression	DDP (micro-prismatic)
Light emission	direct/indirect
Beam angle	85 °
Unified Glare Rating	<19
Flicker factor	0.27
Rated output P	30 W
Luminous flux	3400 lm
Luminous efficacy	113 lm/W
Colour temperature	4000 K
Colour rendering index Ra	> 80
Colour tolerance	3 SDCM
Color Quality Scale	>80
L70B10 lifetime at 25 °C	93000 h
Life time L70B50 at 25 °C	96000 h
Life time L80B10 at 25 °C	58000 h
Life time L80B50 at 25 °C	59000 h
Life time L90B10 at 25 °C	26000 h
Life time L90B50 at 25 °C	27000 h
Photobiological safety	RG0

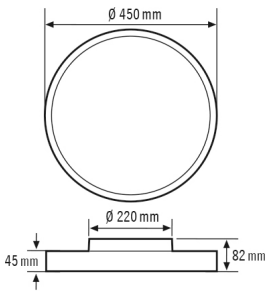
SVENJA CL 450 DDP OP 3400 840 IP20

Item number	GTIN
EO10850615	4015120850615

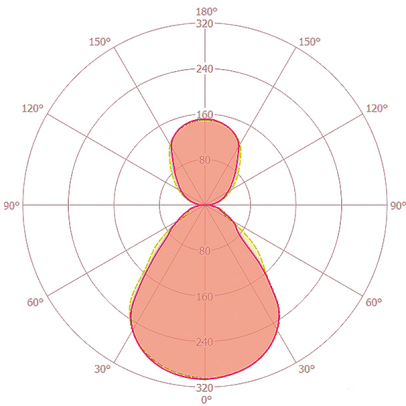
Accessories

Product designation	Item number	Product description	GTIN
Mounting			
SVENJA POLE PENDULUM SET 1000	EO10850561	Pendulum set with centrally mounted tube, transparent 5-pole connection cable and round ceiling canopy	4015120850561
SVENJA WIRE PENDULUM SET 2000	EO10850578	Pendulum kit with 3 wire cables, transparent 5-pole connection cable and round ceiling canopy	4015120850578

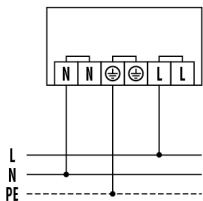
Dimension drawing



Light distribution



Circuit diagram



Standard operation.

Detailed product description

- Round, flat LED surface-mounted light with powder coated aluminium housing
- Opal diffuser with micro-prismatic texture made of impact-resistant polycarbonate
- Colour temperature 3000 K or 4000 K
- For intelligent lighting solutions with presence and daylight dependent control using ON/OFF presence detectors
- Optional accessories: Pendulum with adjustable cable pendulum kit (2 m) or tube pendulum kit (1 m)
- Perfect for applications with high light quality requirements and glare suppression to EN 12464-1
- Ideal for use in social areas such as foyers, assembly halls, break areas and canteens.
- Indirect light proportion of 35% makes lights appear to float on the ceiling and make rooms look larger
- Homogeneous, dazzle-free illumination and long LED lifetime through installation as large area backlight configuration of the LEDs and coordinated lenses
- Easy to install through two-piece design with snap lock plug and electrical connector