DATA SHEET

ESYLUX

CELINE-2 PNL 600 DDP OP 3800 8TW IP20 ELC

Item number	GTIN
EQ10132322	4015120132322

42 V DC | 2700/ 6500 K | CRI 88 | P 33 W | Phi 4200 lm | 127 lm/W | IP20

III

Product description

- LED light with opal diffuser
- Can be used as a panel light for ceiling systems with concealed or visible mounting rails for system dimensions 600 x 600 mm (please note any special features and restrictions stipulated by the ceiling system manufacturer)
- Light for ESYLUX Light Control for connecting via RJ45 plug to ESYLUX Smartdriver or DALI-2 driver set or ON/OFF driver set (not included in delivery)
- Colour temperature: approx. 2700-6500 K (Tunable White)

5 YEARS MANUFACTURER WARRANTY

Technical data

GENERAL	
Device category	Recessed light
Product information	ELC lighting systems combine components that are matched to each other coordinated components: ELC main lighting, control unit and sensor system. Alternatively: ELC luminaires are also compatible for plug-and-play installation with suitable driver sets (accessories) for plug-and-play installation outside the ELC lighting systems (DALI, DALI-2, ON/OFF).
Included in delivery	1x Steel wire for drop protection
Remote controllable	-
Conformity	CE, EAC, RoHS, WEEE
Test symbol	ENEC 05
Product-specific information	Operation with ELC system components, alternatively with driver sets as accessories for DALI, DALI-2, ON/OFF
Warranty	5 years

ATTACHMENT	
Installation type	Insert
Installation position	Ceiling
Type of connection	Socket
Connector	RJ45

HOUSING	
Dimensions	Length 596 mm x Width 596 mm x Height 65 mm
Weight	2996 g
Material	Varnished steel
Protection type	IP20
Permissible ambient temperature	0 °C...+40 °C
Impact resistance	IK02
Colour	white, similar to RAL 9016
Glow wire test in accordance with IEC 60695-2-10	850 °C

ELECTRICAL VERSION	
Control system	ELC (ESYLUX Light Control)
Protection class	III
Nominal voltage	42 V DC
Power consumption	33 W
Power consumption	700 mA

LIGHT	
Diffuser	opal
Glare suppression	DDP (micro-prismatic)
Light emission	direct
Beam angle	94 °
Unified Glare Rating	< 19
Rated output P	33 W
Luminous flux - min	3800 lm
Luminous flux - max	4200 lm
Luminous efficacy - min	115 lm/w
Luminous efficacy - max	127 lm/w
Colour temperature	2700 – 6500 K (Tunable White)
Colour rendering index Ra	> 80
Colour tolerance	2 SDCM
Color Quality Scale	> 80
L70B10 lifetime at 25°C	105000 h
Life time L70B50 at 25 °C	110000 h
Life time L80B10 at 25 °C	65000 h
Life time L80B50 at 25 °C *	70000 h

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Life time L90B10 at 25 °C	35000 h
Life time L90B50 at 25 °C	35000 h

Photobiological safety	RG0

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System components

Product designation	Item number	Product description	GTIN
SMARTDRIVER x4 TW ELC	EC10430572	Light control for up to 4 lights with Tunable White	4015120430572
SMARTDRIVER x4 TW ELC KNX	EC10430589	Light control for up to 4 lights with Tunable White	4015120430589
SMARTDRIVER x6 TW ELC	EC10431005	Light control for up to 6 lights with Tunable White	4015120431005
SMARTDRIVER x6 TW ELC KNX	EC10431029	Light control for up to 6 lights with Tunable White	4015120431029
SMARTDRIVER x8 TW ELC	EC10431036	Light control for up to 8 lights with Tunable White	4015120431036
SMARTDRIVER TW x8 ELC KNX	EC10431050	Light control for up to 8 lights with Tunable White	4015120431050
Cable			
CABLE RJ45 5m RD	EQ10019890	RJ45 connection cable, 5 m, red	4015120019890
CABLE RJ45 5m BL	EQ10019982	Connection cable RJ45, 5 m, blue	4015120019982
CABLE RJ45 10m BL	EQ10019999	Connection cable RJ45, 10 m, blue	4015120019999
CABLE RJ45 10m RD	EQ10020155	Connection cable RJ45, 10 m, red	4015120020155
CABLE-SET RJ45 10m TW x8	EC10431210	Connection cable set for SMARTDRIVER x8 TW series	4015120431210
CABLE-SET RJ45 5m TW x4	EC10431128	Connection cable set for SMARTDRIVER x4 TW series	4015120431128
CABLE-SET RJ45 10m TW x4	EC10431135	Connection cable set for SMARTDRIVER x4 TW series	4015120431135
CABLE-SET RJ45 5m TW x6	EC10431166	Connection cable set for SMARTDRIVER x6 TW series	4015120431166
CABLE-SET RJ45 10m TW x6	EC10431173	Connection cable set for SMARTDRIVER x6 TW series	4015120431173
CABLE-SET RJ45 5m TW x8	EC10431203	Connection cable set for SMARTDRIVER x8 TW series	4015120431203
CABLE RJ11 10m WH	EC10431524	Connection cable RJ11, 10 m, white	4015120431524
CABLE RJ10-OPEN END 10m WH	EC10431517	Connection cable RJ10 Open end, 10 m	4015120431517
CABLE RJ10 10m WH	EC10431500	Connection cable RJ10, 10 m	4015120431500
Ceiling-mounted presence detector			
PD-C 360i/24 ELC	EP10427619	Presence detector with 360° field of detection for ceiling mounting	4015120427619
PD-C 360i/8 ELC	EP10427602	Presence detector with 360° field of detection for ceiling mounting	4015120427602
PD 360i/8 BASIC ELC	EB10431357	Presence detector for ESYLUX Light Control with 360° field of detection for ceiling mounting	4015120431357
Control			
SMARTDRIVER-2 TW IR 2C+2 x4 ELC	EC10431418	Light control for up to 4 lights with Tunable White	4015120431418
SMARTDRIVER-2 TW IR 2C+2 x6 ELC KNX	EC10431456	Light control for up to 6 lights with Tunable White	4015120431456
SMARTDRIVER-2 TW IR 2C+2 x8 ELC KNX	EC10431463	Light control for up to 8 lights with Tunable White	4015120431463
SMARTDRIVER-2 TW IR 2C+2 x4 ELC KNX	EC10431470	Light control for up to 4 lights with Tunable White	4015120431470
SMARTDRIVER-2 TW IR 2C+2 x6 ELC	EC10431487	Light control for up to 6 lights with Tunable White	4015120431487
SMARTDRIVER-2 TW IR 2C+2 x8 ELC	EC10431494	Light control for up to 8 lights with Tunable White	4015120431494
Push button			
PUSH BUTTON x8 TW ELC	EC10430930	DALI 8 x push button Tunable White	4015120430930
PUSH BUTTON x8 CLASSROOM ELC	EC10431241	DALI 8-way push button	4015120431241
PUSH BUTTON x4 PATIENT ROOM ELC	EC10431258	DALI 4-way push button	4015120431258
PUSH BUTTON x8 PATIENT ROOM ELC	EC10431265	DALI 8-way push button	4015120431265

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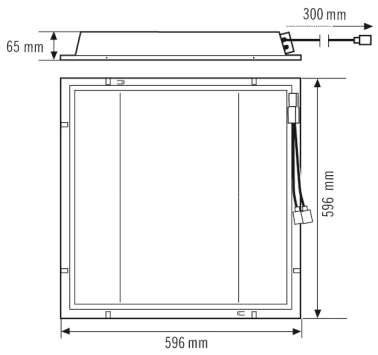
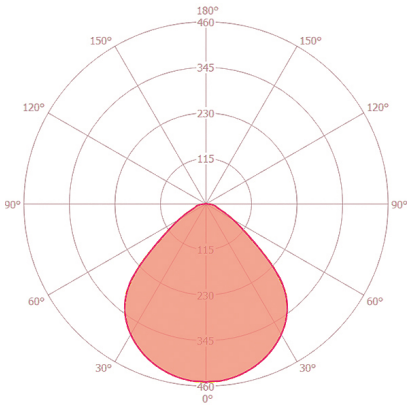
Accessories

Product designation	Item number	Product description	GTIN
Control gear			
DRIVER-SET TW 32W 700mA RJ45 DALI-2 DT8	EQ10127847	Plug-and-play LED driver set DALI-2 DT8	4015120127847
DRIVER-SET TW 32W 700mA RJ45 WIELAND GST DALI-2 DT8	EQ10127823	Plug-and-play LED driver set DALI-2 DT8, WIELAND GST	4015120127823
DRIVER-SET TW 32W 700mA RJ45 WAGO WINSTA DALI-2 DT8	EQ10127830	Plug-and-play LED driver set DALI-2 DT8, WAGO WINSTA	4015120127830
DRIVER-SET TW 38W RJ45 WAGO WINSTA DALI DT8	EQ10127755	Plug-and-play LED driver set DALI DT8, WAGO WINSTA	4015120127755
Mounting			
MOUNTING FRAME 600 FM WH	EQ10113086	Flush-mounted ceiling installation frame 600 for panel lights	4015120113086
MOUNTING FRAME 600/625 SM WH	EQ10113468	Surface-mounted ceiling installation frame 600/625 for panel lights	4015120113468
Remote control			
ESY-Pen	EP10425356	ESY-Pen and ESY-App, two tools for every task: (1) Parameterisation, (2) remote control, (3) light measurement, (4) project management	4015120425356

Dimension drawing



Light distribution



Detailed product description

- LED light with opal diffuser
- Can be used as a recessed light for ceiling systems with concealed or visible mounting rails for system dimensions 600 x 600 mm (please note any special features and restrictions stipulated by the ceiling system manufacturer)
- Light for ESYLUX Light Control for connecting via RJ45 plug to ESYLUX Smartdriver or to DALI DT8 Driver Set (not included in delivery)
- Colour temperature: 2700 K to 6500 K (Tunable White)
- Excellent light quality, suitable for screen-based work places in accordance with EN 12464-1
- Life time L80B50 at 25 °C *: 70000 h