

# DATA SHEET

## CELINE PNL 1200 LDP SO 3500 830 IP20 IR PD

**Item number** EQ10126147  
**GTIN** 4015120126147



### Technical data

GENERAL	
Device category	Recessed light
User interface	IR remote control
Remote controllable	✓
Conformity	CE, EAC, RoHS, WEEE
Warranty	5 years
ATTACHMENT	
Installation type	Insert
Installation position	Ceiling
Installation dimension	Installation length: 1200 mm x Installation width: 300 mm x Installation depth: 140 mm
HOUSING	
Dimensions	Length 1195 mm x Width 296 mm x Height/Depth 110 mm
Weight	4400 g
Material	Varnished steel
Surface finish	frosted
Protection type	IP20
Permissible ambient temperature	0 °C...+40 °C
Relative humidity	5 - 93 %, non-condensing
Colour	white, similar to RAL 9003
Glow wire test in accordance with IEC 60695-2-10	650 °C
ELECTRICAL VERSION	
Control system	ON/OFF
Protection class	I

230 V ~	ON/OFF	30 W	IP20			
		LED 3000 K	CRI >80	UGR ≤19	∅ 8 m	360°

### Product description

- LED light with opal (MILKY) cover (diffuser)
- Can be used as a panel light for ceiling systems with concealed or visible mounting rails for system dimensions 1200 x 300 mm (please note any special features and restrictions of the ceiling system manufacturer)
- LED output 30 W
- Integrated ballast (on/off), installation without further accessories
- incl. presence detector
- Colour temperature approx. 3000 K (warm white)

### Offers special product features like:

- Integrated presence detector
- Simple parameterisation, remote control and documentation with ESY-Pen and ESY-App

Nominal voltage	230 V AC / 50 Hz
LIGHT	
Diffusor	semi-opal
Glare suppression	LDP (linear-prismatic)
Light emission	direct
Beam angle	90 °
Unified Glare Rating	≤ 19
Flicker factor	< 3 %
Rated output P	33 W
Luminous Flux (light)	3460 lm
Luminous efficacy	104,00 lm/W
Colour temperature	3000 K
Colour rendering index Ra	> 80
Colour tolerance	SDCM < 3
Color Quality Scale	> 80
L70B10 lifetime at 25 °C	75000 h
Life time L70B50 at 25 °C	95000 h
Life time L80B10 at 25 °C	50000 h
Life time L80B50 at 25 °C	60000 h
Life time L90B10 at 25 °C	25000 h
Life time L90B50 at 25 °C	30000 h
Photobiological safety	RG0
Energy efficiency class	A++ to A

### SENSORS

Detection angle	360°
Detection range diagonally	∅ 8 m
Detection range head-on	∅ 6 m

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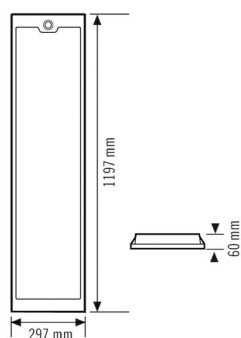
**Item number**      **GTIN**  
EQ10126147      4015120126147

Detection range presence       $\varnothing$  4 m      Field of detection      up to 50 m<sup>2</sup>

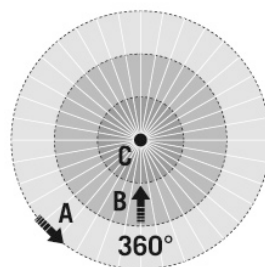
### Accessories

Product designation	GTIN
Mounting	
MOUNTING FRAME 1200/1250 SM WH	4015120113765
Protection	
DROP PROTECTION	4015120121616
Remote control	
ESY-Pen	4015120425356
REMOTE CONTROL MDi/PDi	4015120425509

### Scale drawing



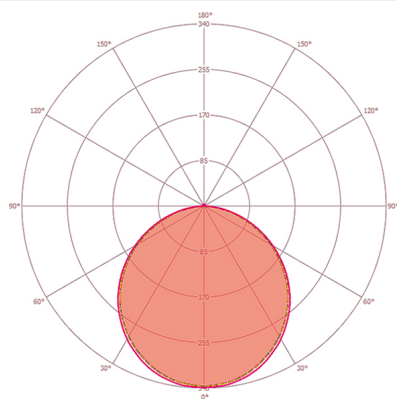
### Field of detections



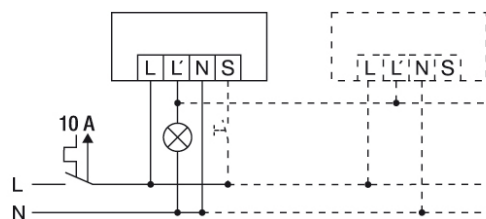
### Detection range

Diagonally (A)	$\varnothing$ 8 m
Frontal (B)	$\varnothing$ 6 m
Presence area (C)	$\varnothing$ 4 m

### Light distribution



### Circuit diagram



Standard operation with additional control by means of a closing button. If required, the light can be manually switched on or off with the button. To extend the field of detection, the detectors can be connected in parallel.