

Photocell & flasher for Obelux DC LED-Obstacle Lights

Key features

- Extremely reliable
- Very low power consumption
- One model for 12, 24 or 48 V DC operating voltages
- Optimized for Obelux LED Obstacle lights
- Suitable for solar cell applications
- Overvoltage protection

Electrical characteristics

- Switching current max. 8 A
- Current consumption (<3,5mA@12 V)
- Current consumption (<6mA @48V)
- Operating voltage range 12 to 59 V DC
- Terminals for 2.5 mm² wires

Photocell characteristics

- Turn on delay 1 s
- Turn off delay 200 s
- User selectable photocell sensitivity (bold = factory default)
OFF/200 lux / 400 lux / **800 lux**

Flash controller characteristics

- User selectable flashing rate (bold = factory default)
Steady burning / 20 fpm / 40 fpm / 60 fpm
- 250 ms flash duration

Other

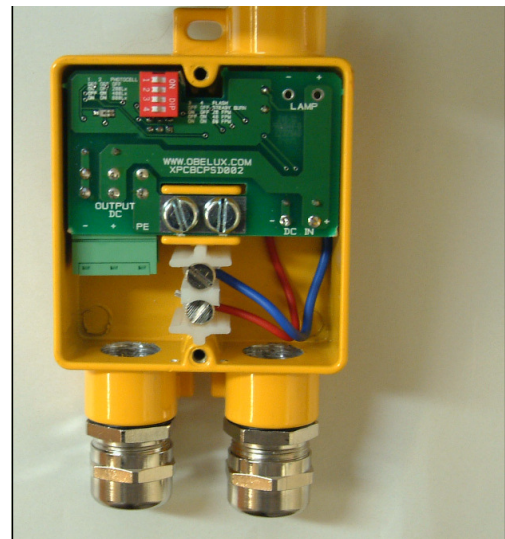
- Overvoltage protection
- Operating temperature range -55..+55 C
- Height 18 mm, width 25 mm, length 75 mm
- 5 year warranty

Order Codes for DC PCFL products

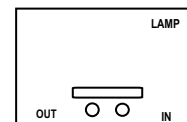
Stand alone photocell: **PCFL-DC1-TB**

One photocell can drive several light units

Made In Finland

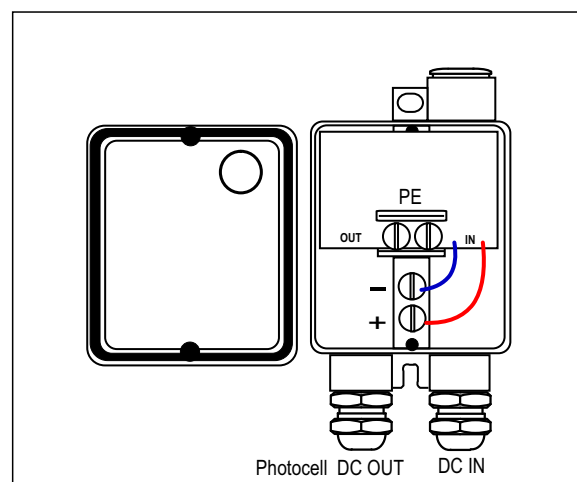


DC operated photocell & flasher



Photocell DC OUT

PCFL-DC1-B photocell circuit board



PCFL-DC1-TB stand alone photocell

Technical information in this document is subject to change without notice. Copyright © Obelux Oy 2009

Photocell & flasher for Obelux DC LED-Obstacle Lights

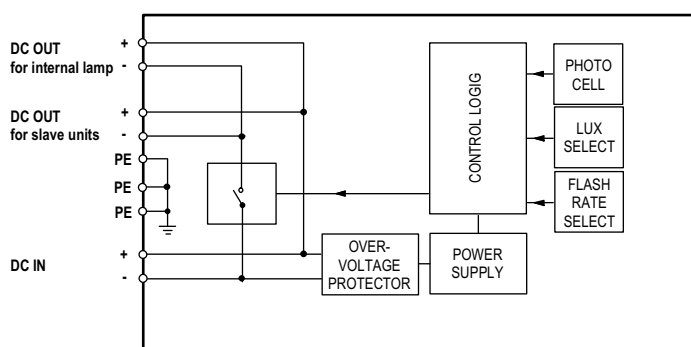
PCFL DIP switches

DIP1	DIP2	PHOTOCELL
OFF	OFF	OFF (light always ON)
ON	OFF	200 lux
OFF	ON	400 lux
ON	ON	800 lux

	OFF	ON
1.	☐	☐
2.	☐	☐
3.	☐	☐
4.	☐	☐

Default DIP settings:
800 lux, steady burning

DIP3	DIP4	FLASH RATE
OFF	OFF	STEADY BURNING
ON	OFF	20 fpm
OFF	ON	40 fpm
ON	ON	60 fpm



PCFL-DC1-B block diagram

