

Photocell & flasher 230 VAC LED-Obstacle Lights

Key features

- Extremely reliable
- Very low power consumption
- Optimized for Obelux LED Obstacle lights
- Overvoltage protection

Electrical characteristics

- Switching current max. 1A
- Power consumption < 0.5W
- Operating voltage range 200 to 250 V AC
- 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 AC PCFL products

Stand alone photocell: **PCFL-230-TB**

Photocell circuit board only: **PCFL-230-B**

10 cd ICAO Type A Light unit with Photocell: **10-230-F-PCFL**

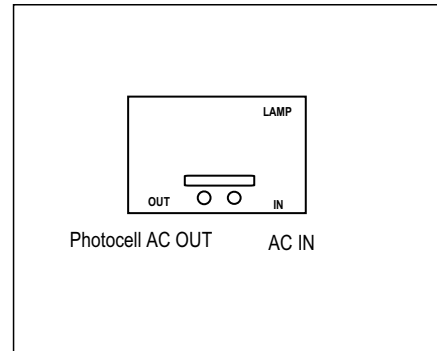
32 cd ICAO Type B / FAA L-810 Light unit with photocell: **32-230-F-PCFL**

One photocell can drive several light units

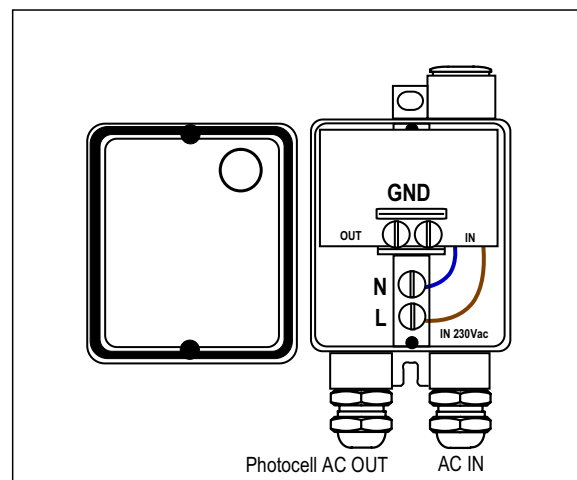
Made In Finland



AC operated photocell & flasher



PCFL-230-B photocell circuit board



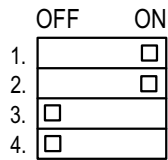
PCFL-230-TB stand alone photocell

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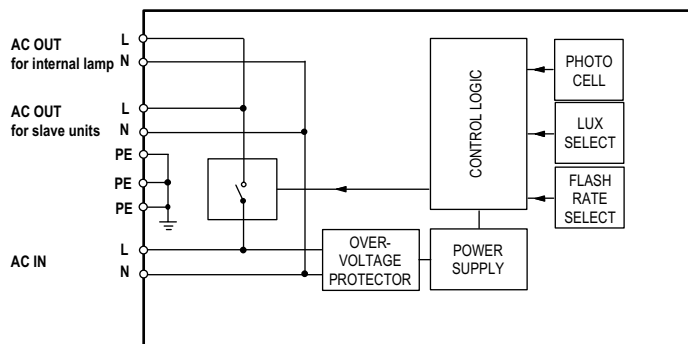
PCFL DIP switches

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



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

Default DIP settings:
800 lux, steady burning



PCFL block diagram

