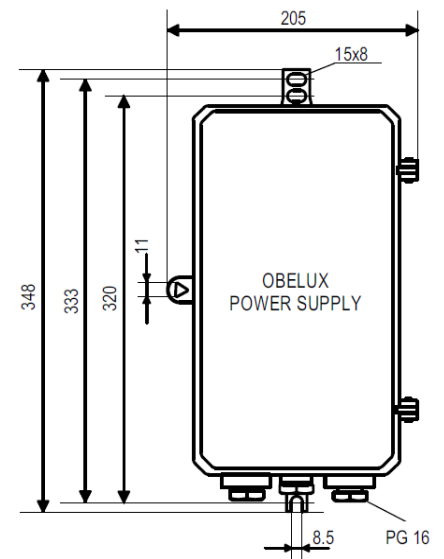


### Electrical Characteristics

- ▶ Operating voltages 115 or 230V<sub>AC</sub>
- ▶ Power consumption max 40-260VA
- ▶ Output voltage 6 - 48 V<sub>DC</sub>
- ▶ Output current 1.8A - 9A



### Power Supplies

LED Aviation Obstruction Light power supplies

Obelux power supplies are suitable for all Obelux products. Obelux power supplies are available with various operating voltages and for different output loads. Optionally Obelux power supplies come with integrated Day/Night switch and flasher.

#### Key Features

- ▶ Extremely reliable – Long lifetime
- ▶ Optimized for Obelux LED obstacle lights
- ▶ PCFL Photocell and Flash controller versions available
- ▶ Die-cast aluminum enclosure
- ▶ Suitable for outdoor use
- ▶ Easy to install
- ▶ No RF-radiation
- ▶ 5-year warranty

**Mechanical Characteristics**

- ▶ Yellow powder painted die cast aluminum body
- ▶ Degree of protection IP67
- ▶ Operating temperature range -55...+55 °C
- ▶ Mounting 240x240mm, φ17
- ▶ Height 348 mm, width 205, depth 115 mm
- ▶ Weight 3-5kg

**Photocell Characteristics**

- ▶ Turn on delay 1s
- ▶ Turn off delay 200s
- ▶ User selectable photocell sensitivity  
OFF / 200lux / 400lux / **800lux**

**Flash controller Characteristics**

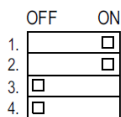
- ▶ User selectable flashing rate  
**Steady burning** / 20fpm / 40fpm / 60 fpm
- ▶ 250ms flash duration

PCFL DIP switch settings:

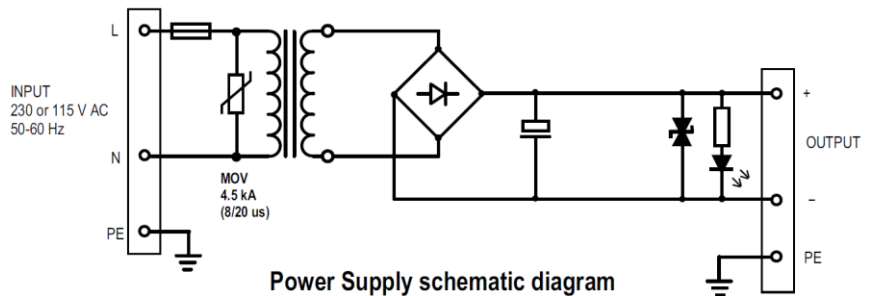
DIP1	DIP2	PHOTOCELL SENSITIVITY
OFF	OFF	OFF (light always ON)
ON	OFF	200 lux
OFF	ON	400 lux
ON	ON	800 lux

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



Power Supply schematic diagram

Order code	Output voltage	Output current (continuous)	Op. volt.	Pow. cons. (max)	Photocell and Flasher	Packing dimensions
PS-230-48-05	48V	4A / 5A peak	230V <sub>AC</sub>	260 VA	No	390x215x150mm, 5kg
PS-230-48-05-PCFL	48V	4A / 5A peak	230V <sub>AC</sub>	260 VA	Yes	390x215x150mm, 5kg
PS-115-48-05	48V	4A / 5A peak	115V <sub>AC</sub>	260 VA	No	390x215x150mm, 5kg
PS-115-48-05-PCFL	48V	4A / 5A peak	115V <sub>AC</sub>	260 VA	Yes	390x215x150mm, 5kg
PS-230-48-01A8	48V	1.8A	230V <sub>AC</sub>	90 VA	No	390x215x150mm, 4kg
PS-230-48-01A8-PCFL	48V	1.8A	230V <sub>AC</sub>	90 VA	Yes	390x215x150mm, 4kg
PS-115-48-01A8	48V	1.8A	115V <sub>AC</sub>	90 VA	No	390x215x150mm, 4kg
PS-115-48-01A8-PCFL	48V	1.8A	115V <sub>AC</sub>	90 VA	Yes	390x215x150mm, 4kg
PS-230-24-09	24V	9A	230V <sub>AC</sub>	220 VA	No	390x215x150mm, 4kg
PS-230-24-09-PCFL	24V	9A	230V <sub>AC</sub>	220 VA	Yes	390x215x150mm, 4kg
PS-115-24-09	24V	9A	115V <sub>AC</sub>	220 VA	No	390x215x150mm, 4kg
PS-115-24-09-PCFL	24V	9A	115V <sub>AC</sub>	220 VA	Yes	390x215x150mm, 4kg
PS-230-24-03A5	24V	3.5A	230V <sub>AC</sub>	90 VA	No	390x215x150mm, 4kg
PS-230-24-03A5-PCFL	24V	3.5A	230V <sub>AC</sub>	90 VA	Yes	390x215x150mm, 4kg
PS-115-24-03A5	24V	3.5A	115V <sub>AC</sub>	90 VA	No	390x215x150mm, 4kg
PS-115-24-03A5-PCFL	24V	3.5A	115V <sub>AC</sub>	90 VA	Yes	390x215x150mm, 4kg
PS-230-12-05	12V	4A / 5A peak	230V <sub>AC</sub>	100 VA	No	390x215x150mm, 3kg
PS-230-12-05-PCFL	12V	4A / 5A peak	230V <sub>AC</sub>	100 VA	Yes	390x215x150mm, 3kg
PS-115-12-05	12V	4A / 5A peak	115V <sub>AC</sub>	100 VA	No	390x215x150mm, 3kg
PS-115-12-05-PCFL	12V	4A / 5A peak	115V <sub>AC</sub>	100 VA	Yes	390x215x150mm, 3kg
PS-230-06-05	6V	4A / 5A peak	230V <sub>AC</sub>	40 VA	No	390x215x150mm, 4kg
PS-115-06-05	6V	4A / 5A peak	115V <sub>AC</sub>	40 VA	No	390x215x150mm, 4kg