

Product data sheet

Specifications

Product Name: PLF 8W LED light

Order Number	Product Model	Description
9017.023	PLF-350L-8W1	PLF 8W LED light DC24V screw type
9017.024	PLF-350L-8W2	PLF 8W LED light DC24V magnet type
9017.025	PLF-350L-8W3	PLF 8W LED light AC100-245V screw type
9017.026	PLF-350L-8W4	PLF 8W LED light AC100-245V magnet type



Applications

This 8W LED cabinet light is designed for electrical enclosures and control panels, where clear and reliable lighting is essential. Ideal for:

- Electrical cabinets in industrial automation
 - Power distribution panels
 - Server racks and communication cabinets
 - Machinery control enclosures
 - Switchgear and data cabinets
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Key Benefitsregulations

- Dual Mounting Options

Easy to install with screw mounting or magnetic base – fits any cabinet without drilling.

- Smart Motion Sensor

Built-in PIR sensor automatically turns on when someone opens the cabinet – saves energy, no switches needed.

Smart Control with 3-Mode Button Selector

Enclosure LED light features a simple and intuitive 3-position button for flexible control:

- Button I – Always ON Mode

Keeps the light continuously on

Ideal for extended maintenance or inspection work

No auto shut-off

- Button II – Motion Sensor Mode

Automatically turns on when motion is detected

Turns off 30-50 seconds after no motion is sensed

Energy-efficient solution for intermittent access

Sensor range: approx. 2-3 meters

- Button O – OFF Mode

Light remains off at all times

Prevents unintended activation during transport or long-term standby

Additional Note (if needed for technical sheet):

Sensor type: Passive Infrared (PIR)

Detection range: approx. 2-3 meters

Delay time: 30-50 seconds (auto-off, fixed)

- Bright & Efficient

8W high-efficiency LED delivers uniform lighting – see every corner clearly, even in deep or tall cabinets.

- Space-Saving Design

Slim and compact – won't block airflow or interfere with other equipment.

- Durable and Long Lifespan

LED technology provides low heat, long service life, and reliable performance in tough environments.

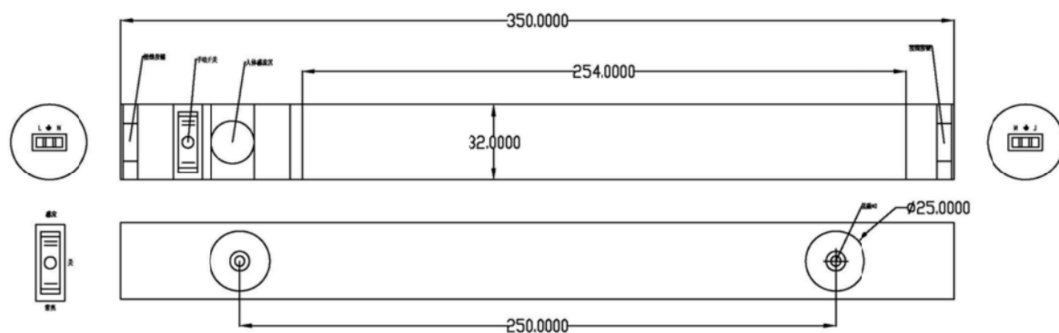
- Wide Voltage Compatibility

Compatible with AC and DC power supply, making it flexible for global installations.

Technical Parameters:

Input Voltage:	DC 24V AC100~245V	Operating Frequency:	DC: 300mA AC: 50Hz~60Hz	Efficiency:	≥70%
LED Efficacy:	100lm/W	LED Lifespan:	≥50000h	Color Rendering Index (CRI):	Ra > 70
Color Temperature:	6000K-7000K	Beam Angle:	120°	Opening Method:	/
Operating Temperature:	-40°C~+65°C	Relative Humidity:	10%-95% (Non-condensing)	Fire Resistance Rating:	94-V0
Storage Temperature:	-40°C~+70°C			Protection Rating:	IP20
Material:	Lampshade: PC Base: PC Lamp head: PC			Power Consumption:	6W/h

Product Organization Chart






Specification dimensions(mm)	Total length of the lamp(mm)	Installation hole position(mm)	Length of the lamp body(mm)	Light emitting surface(mm)	Lamp height(mm)	Lamp width(mm)
350*32*32	350	Adjustable	350	254	32	32

Product Specifications:

Power(W)	Voltage(V)	Lumens(lm)	Illuminance(1.0M)	Quantity(pcs)	Color Temperature(k)
8	DC 24V AC100~245V	800-1000LM	169.4lux	2835=48	6000-7000K

Product Accessories

Accessories Name:	Specification	Quantity	Picture
Screws:	M5*12 Triangular Self-tapping Screw	2PCS	
Installation bracket:	PC	2PCS	
strong magnets:	M22*5 Nickel-plated Screw	2PCS	

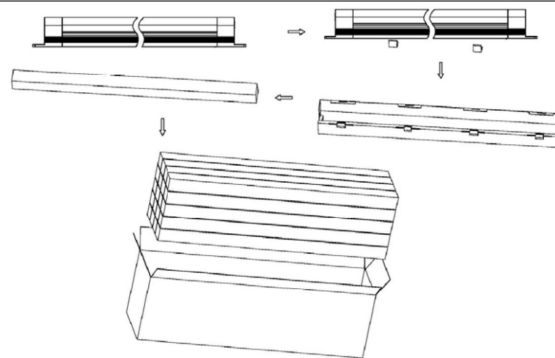
Installation and Usage Method:

- Ensure that the supply voltage matches the rated voltage of the lamp.
- Fix the lamp bracket to the mounting surface with M5 screws (add flat washers and spring washers), the mounting surface should be flat and have sufficient mechanical strength.
- Both ends of the lamp are three-core power sockets. Connect the power cord according to the following: connect (L) live wire, connect (N) neutral wire, and connect (E) ground wire.
- After checking that everything is correct, connect the power.

Precautions

- Product parts made of PC material (such as lampshade, housing) must not come into direct or indirect contact with organic solvents such as industrial alcohol, banana water, isopropyl alcohol, carbon tetrachloride, and cyclohexanone, otherwise they may be corroded and cracked.
- Before use, make sure that the power wiring part is absolutely correct.
- The product will heat up when working, which is normal.
- Do not open any part of the lamp body while the product is working to avoid danger.

Product Packaging



Carton package, 50PCS/box