

PR-MS10

light sensor



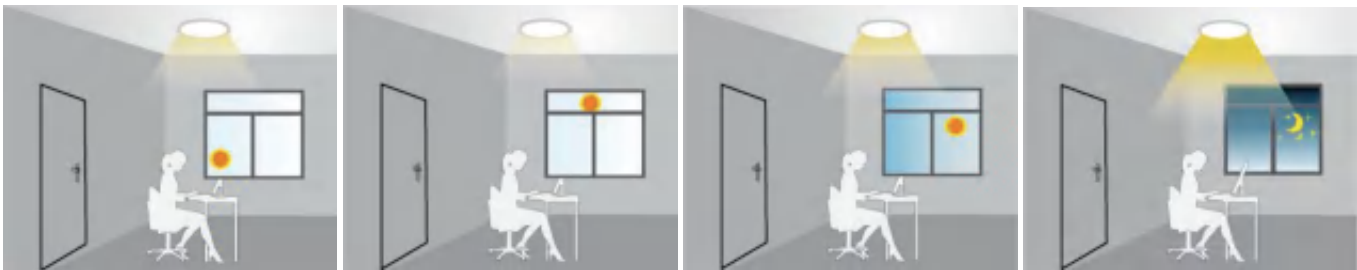
Product Features:

- Unique optical structure design addresses the issue of poor constant light precision
- A 16-bit DIP switch is used to set the target illuminance, enabling convenient and fast debugging with visualized operation
- Two installation methods can be switched easily, supporting flexible fixture-mounting or standalone installation
- 5-year warranty



Technical data

Constant Light Function Schematic Diagram



8:30
Morning
Natural light: 80Lux
Light sensor supplement: 220Lux
Indoor balanced illuminance: 300Lux

12:00
Noon
Natural light: 200Lux
Light sensor supplement: 100Lux
Indoor balanced illuminance: 300Lux

18:00
Evening
Natural light: 60Lux
Light sensor supplement: 240Lux
Indoor balanced illuminance: 300Lux

21:00
Night
Natural light: 2Lux
Light sensor supplement: 298Lux
Indoor balanced illuminance: 300Lux

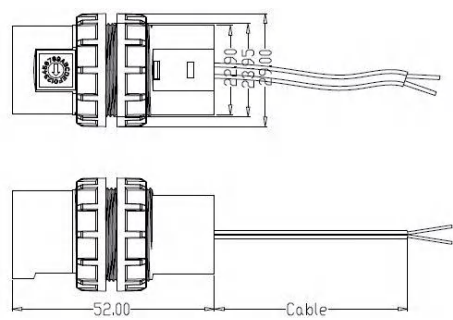
Product Datasheet

Electrical Specifications

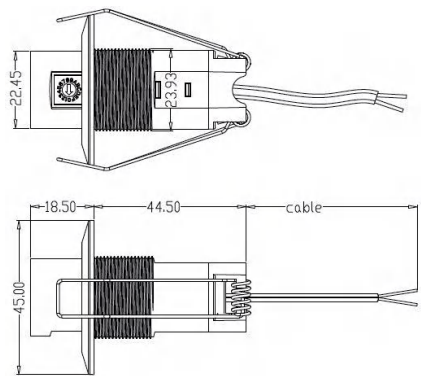
Input	Voltage Range	1-10V DC
	Rated Voltage	1-10V DC
Output	Operating Mode	1-10V Dimming
Interface	1-10V Dimming Terminal	<50 mA (Non-constant current source)
	Wiring Method for Interface Terminal	Wire connection: Red wire is the positive pole of 1-10V port; Black wire is the negative pole of 1-10V port
Sensing Parameters	Brightness Setting (Daylight)	100-2000Lux, 16 gears set via BCD DIP switch
	Detection Range	3-4m (when installed in ceiling-mounted manner)
Environment	Operating Temperature/Humidity	0°C...+55°C
	Storage Temperature/Humidity	-35°C...+80°C
Certification Standards	Environmental Requirements	Compliant with EU RoHS requirements
	Certifications Obtained	CE
Others	Input/Output Terminal Specification	N/A
	Protection Class	IP20
	Product Category	Class II Appliance
	Installation Requirement	Built-in Independent Installation
	Installation Dimensions	90*130mm
	Packaging Requirement	White Box + Flat Card + Outer Carton (K=A)
	Net Weight	A:26.7g B:29.8g
	Lifespan	5-Year Warranty @Ta 230V Full Load

Exterior Dimensions (unit: mm)

Screw Mounting

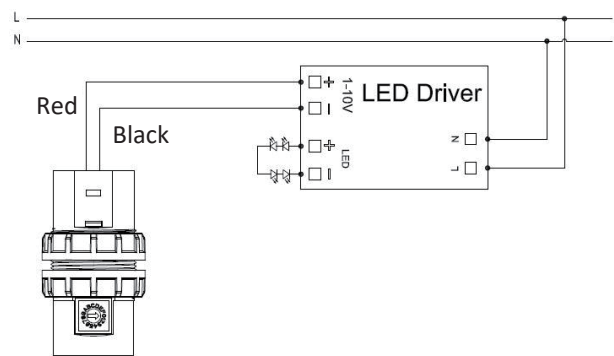


Spring Mounting

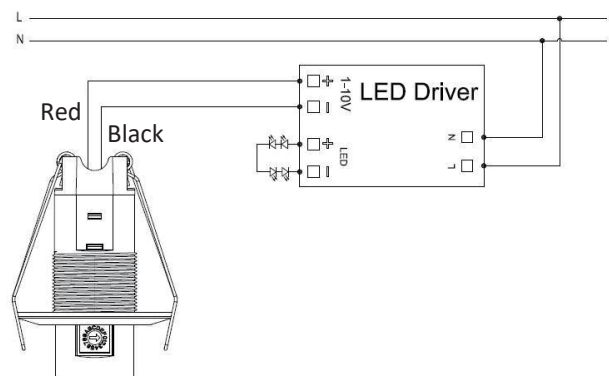


Wiring Diagram

Screw Mounting

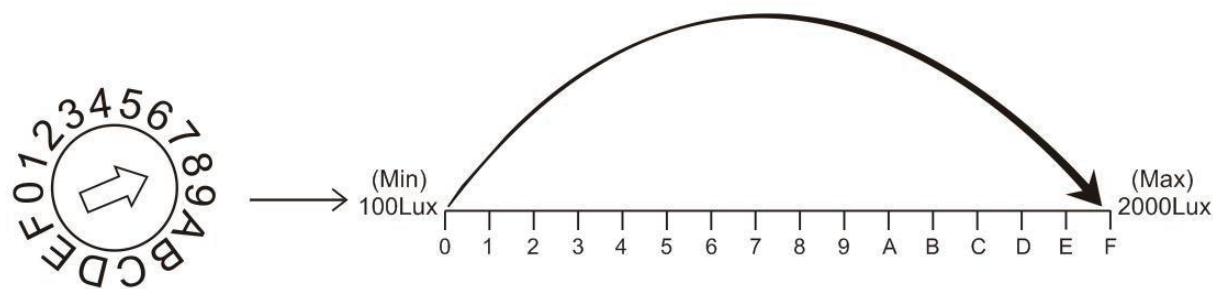


Spring Mounting



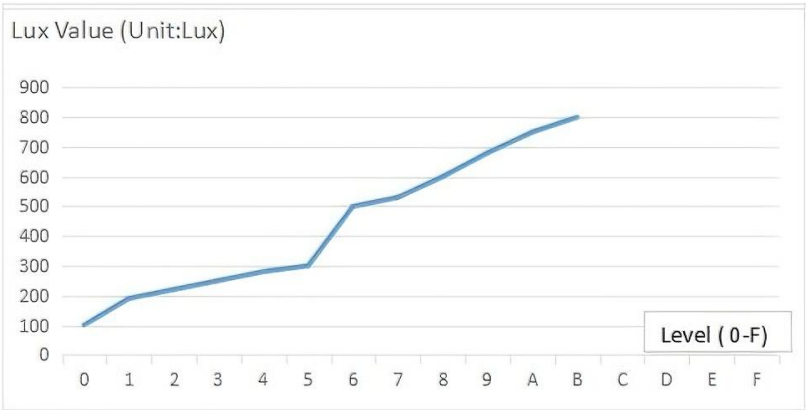
Functional DIP Switch Settings

Target Light setting



0-F Different Gears Lux Value Curve Chart (Referenced to a 30W Power Load)

Level	Lux Value
0	100
1	190
2	220
3	250
4	280
5	300
6	500
7	530
8	600
9	680
A	750
B	800
C	
D	
E	
F	



Product Datasheet

Functional DIP Switch Settings

Test Conditions

