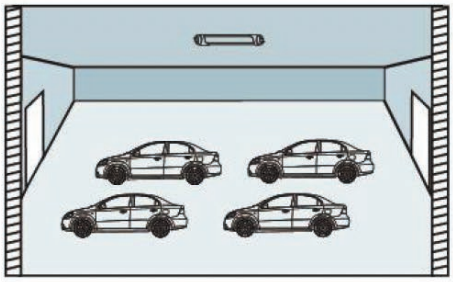
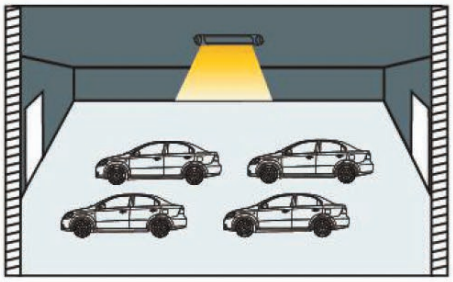
Installation Instructions – PM266

Batten Sensor SLBN-MC098S

Function

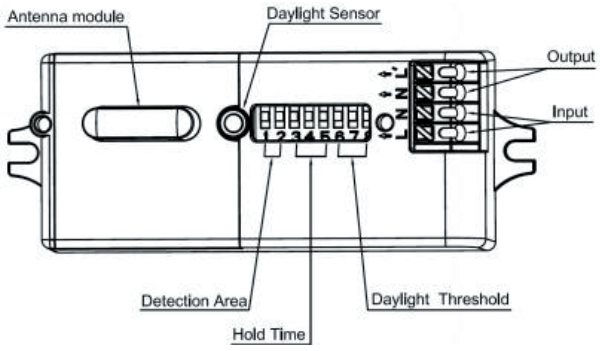


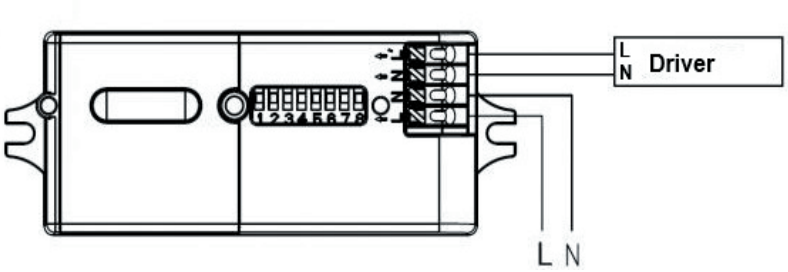
1 With sufficient ambient light, the light will not be switched on even if with motion signal.



2 With insufficient ambient light, the sensor switches on the light when motion is detected.

3 After elapse of hold time, the sensor switches off the light when no motion is detected.

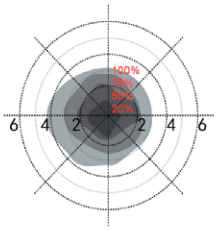




Screws, live and neutral wire included in kit.

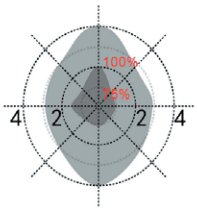
Detection Area			Hold Time				Daylight Sensor			
1	2		3	4	5		6	7	8	
ON	ON	100%	ON	ON	ON	5S	ON	ON	ON	2Lux
-	ON	75%	-	ON	ON	30S	ON	ON	-	10Lux
ON	-	50%	ON	-	ON	90S	-	ON	-	30Lux
-	-	25%	-	-	ON	5min	ON	-	-	50Lux
			ON	ON	-	20min	-	-	-	Disable*
			-	-	-	30min				

*Disable means the daylight sensor will not work. It will activate once motion is detected regardless of ambient light.



Slow moving (Speed 0.3m/s)

Ceiling mounting

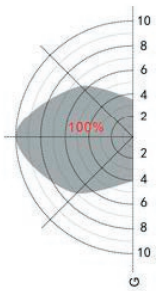


Slow moving (Speed: 0.3m/s)

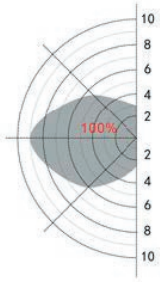
*Only 100% / 75% detection sensitivity is workable when installed at 6m mounting height. 24% / 50% sensitivity is not able to detect motion signal.

Wall mounting

Horizon mounted height: 2m
Sensitivity: 100%



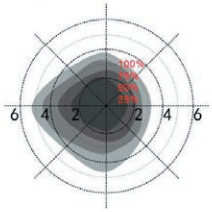
Normal moving (Speed：1m/s)



Slow moving (Speed 0.3m/s)

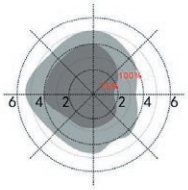
Ceiling mounting

Ceiling mounted height: 3m
Sensitivity: 100%/75%/50%/25%



Normal moving (Speed:1m/s)

Ceiling mounted height: 6m(*)
Sensitivity:100%/75%



Normal moving (Speed:1m/s)

Over-ride Function
After initialisation, continuously switch ON/OFF 3 times to over-ride sensor function. 2sec for each ON/OFF switch. Lights will stay on.

Initialisation
After power on, the sensor automatically turns on light at 100% brightness. After 10sec, it turns off the light.
During the initialisation, the sensor is not able to detect movement.

Factory Setting
Detection area: 100%, Hold time: 5sec, Daylight Sensor: Disable

Notes
1. The sensor should be installed by a registered electrician. Turn off the power before installing, wiring and changing the setting of the DIP switch.
2. The light sensitivity threshold is in a sunny environment, no shadow and diffuse ambient light reflection. Ambient lux level will vary depending on environment, weather, time-of-day and season.
3. The distance between any inductive sensors should be greater than 3m.
4. Do not place the sensor close to high-density objects such as metal, glass, concrete walls, etc, false triggering could happen. When the sensor is installed in a metal lamp, metal reflective surface, or a narrow-enclosed environment, the microwave will be reflected repeatedly and cause false triggering. Please reduce the sensitivity or contact the manufacturer for technical support.
5. Please ensure that there are no moving signals around the sensor, such as fan, DC motor, sewer pipe, air outlet, etc. This may generate false trigger.

Input	Operating Voltage Rage	198-264V AC, 50Hz/60Hz
	Rated Voltage	220-240V AC, 50Hz/60Hz
	Stand-by Power	≤0.5W
	Surge Test	L--N: 1kV
Output	Working Mode	ON/OFF function
	Type of Load	Inductive or Resistive
	Load Capacity	400W(Inductive) ; 800W(Resistive)
	Max. Surge Capacity	30A (50% I_{peak}, t_{width} =500uS, 230Vac full load, cold start); 60A (50% I_{peak}, t_{width} =200uS, 230Vac, full load, cold start)
Sensor Parameters	Operating Frequency	5.8 GHz ±75 MHz , ISM Band.
	Transmitting power	0.5mW Max.
	Hold time	5s//30s/90s/5min/20min/30min
	Detection Sensitivity	100%/75%/50%/25%
	Daylight Sensor	2Lux/10Lux/30Lux/50Lux/Disable
	Detecting Radius	3-10m (mounting height 3-4m) 2-8m(mounting height 6m)
	Mounting Height	6m Max.
	Detecting Angle	150° (Wall mounted), 360° (Ceiling mounted)
Operating Environment	Operating Temperature	-25℃...+60℃
	Storage Temperature	-40℃...+80℃(Humidity: 10%-95% Non-condensing)
Certificate Standards	Safety standards	EN61058-1
	EMC standards	EN300440; EN301489-1; EN55015; EN61547; EN61000-3-2; EN61000-3-3; EN62479
	Environmental Requirement	Compliant to RoHS
	Certificate	CE, RED

Other	Wiring	Press-in Type Terminals, wire diameter: 0.75-1.5mm^2
	IP Rating	IP20
	Protection Class	Class II
	Installation	Built-in
	Dimension	77.5*34.5*22mm
	Net Weight	58±2g
	Warranty	5 years @Ta 230V full load