

## PRODUCT DESCRIPTION



## PRODUCT PARAMETERS

Model:	SP210WP SEN	SP220WP SEN
System Power	18W	40W
Input Voltage	AC 220-240V	AC 220-240V
Frequency	50/60Hz	50/60Hz
System Lumen	2160lm	4400lm
CCT (selectable)	3000K / 4000K / 6000K	3000K / 4000K / 6000K
Diffuser Material	Polycarbonate	Polycarbonate
Body Material	Polycarbonate	Polycarbonate
Driver	MLC20C-P2	MLC40C-P5
Sensor	MLC20C-P2	MLC40C-P5
CRI	>80	>80
Power factor	>0.9	>0.9
IP Rating	IP65	IP65
IK Rating	IK08	IK08
Glow wire test:	GWT850°C	GWT850°C
Product Size:	653*126.8*87.2mm	1263*126.8*87.2mm
Carton Size:	695*385*280mm	1305*275*205
Qty/pcs	8pcs	6pcs

# SP210WP SEN SPECS (MLC20C-P2)

## Optional Function

### ON-OFF Function

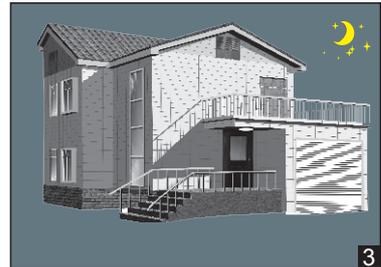
The products provide ON-OFF and steps dimming function for LED lighting, users can select the right function according to different applications.



With sufficient ambient light, the sensor does not switch on the lamp.



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



After hold time, the lamp gradually dims down if no motion detected.

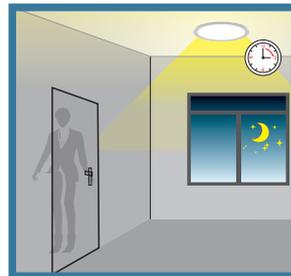
### 3-step dimming function



With sufficient ambient light, the sensor does not switch on the lamp.



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

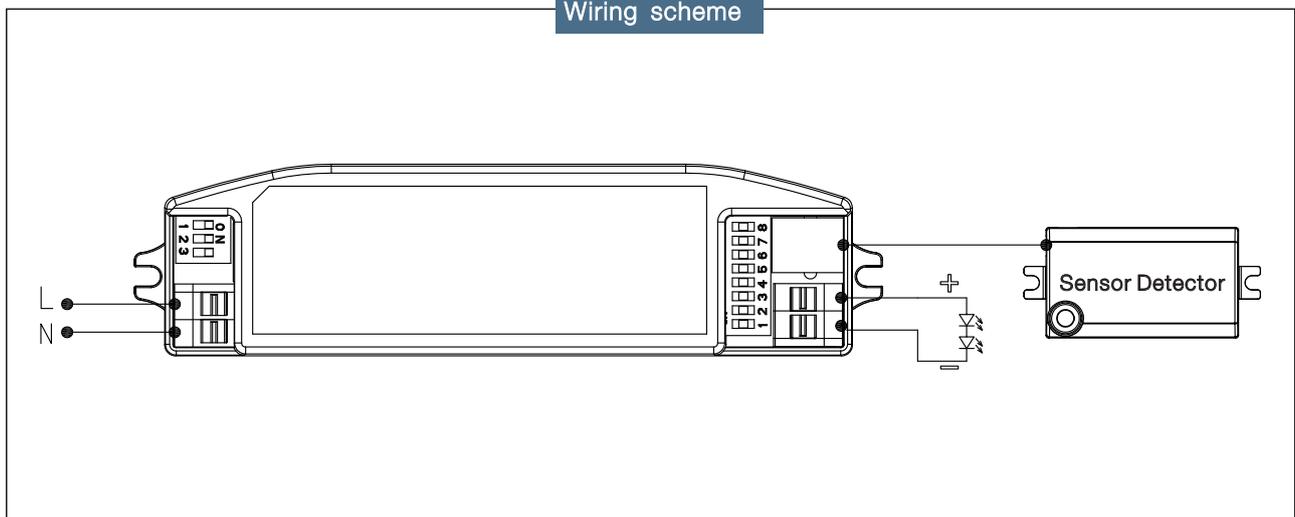


After hold time, the sensor dims the lamp at a low light level if no new motion trigger.



After stand-by period, the sensor switches off the lamp if no motion is detected in its detection zone.

### Wiring scheme



# SP210WP SEN SPECS (MLC20C-P2)

## Setting

By selecting the combination on the DIP switch, sensor data can be precisely set for each specific application.

ON		1	
↑	I	ON	100%
↓	II	-	50%

### Detection area

Detection area can be reduced by selecting the combination on the DIP switches to fit precisely each application.

ON		2	3	
↑	I	ON	ON	5s
↓	II	ON	-	90s
	III	-	ON	3min
	IV	-	-	10min

### Hold time

Refers to the time period the lamp remains at 100% illumination after no motion detected.

ON		4	5	
↑	I	ON	ON	Disable
↓	II	ON	-	30Lux
	III	-	ON	15Lux
	IV	-	-	5Lux

### Daylight sensor

The sensor can be set to only allow the lamp to illuminate below a defined ambient brightness threshold.

When set to Disable mode, the daylight sensor will switch on the lamp when motion is detected regardless of ambient light level.

30lux: twilight operation, 15lux, 5lux: darkness operation only.

ON		6	7	
↑	I	ON	ON	0s
↓	II	ON	-	30s
	III	-	ON	10min
	IV	-	-	+∞

### Corridor function (Stand-by period)

Refers to the time period the lamp remains at a low light level before it completely switches off in the long absence of people.

When set to "+∞", the low light is maintained until motion is detected.

When set to "0s", the light will turn off after hold time.

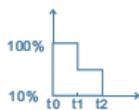
ON		8	
↑	I	ON	10%
↓	II	-	25%

### Stand-by dimming level

The low light level you would like to have after the hold time in the long absence of people.

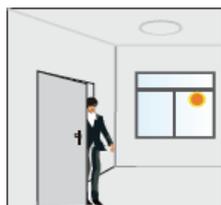
# SP220WP SEN SPECS (MLC40C-P5)

## Optional Function

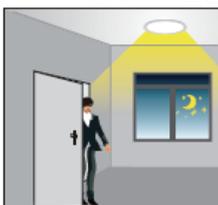


Step dimming

### 3-step dimming function



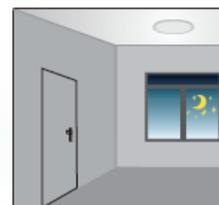
1 With sufficient ambient light, the light will not be switch on.



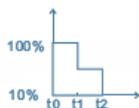
2 With insufficient ambient light, the sensor switches on the light when motion is detected.



3 After elapse of hold time, the sensor dims the light at a low light level if no new motion trigger.

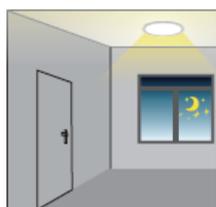


4 After elapse of stand-by period, the sensor switches off the light if no motion is detected in the detection zone.

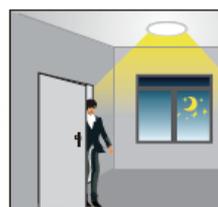


Step dimming

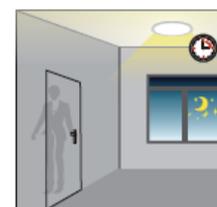
### 2-step dimming function



1 If there is no motion detected, the light remains at a low light level all the time.



2 When motion is detected, the sensor will switch on the light to 100% brightness.



3 After elapse of hold time, the sensor dims the light at the present low light level if no motion is detected.

## Wiring scheme



# SP220WP SEN SPECS (MLC40C-P5)

## Setting

### Daylight Sensor

	1	2	3	
I	ON	ON	ON	10Lux
II	ON	ON	-	30Lux
III	ON	-	ON	50Lux
IV	-	ON	ON	100Lux
V	-	-	-	Disable

The sensor can be set to only allow the lamp to illuminate below a defined ambient brightness threshold.

When set to Disable mode, the daylight sensor will switch on the lamp when motion is detected regardless of ambient d light level.

50Lux, 100Lux: Twilight operation, 10Lux, 30Lux: Darkness operation Only.

### Stand-by Period

	4	5	
I	ON	ON	1min
II	ON	-	5min
III	-	ON	25min
IV	-	-	+∞

Refers to the time period the lamp remains at a low light level before it completely switches off in the long absence of people.

When set to "+∞", the low light is maintained until motion is detected.

### Detection Area

	1	2	
I	ON	ON	100%
II	ON	-	75%
III	-	ON	50%
IV	-	-	25%

Detection area can be reduced by selecting the combination on the DIP switches to fit precisely each application.

### Hold Time

	3	4	
I	ON	ON	5S
II	ON	-	90S
III	-	ON	5min
IV	-	-	25min

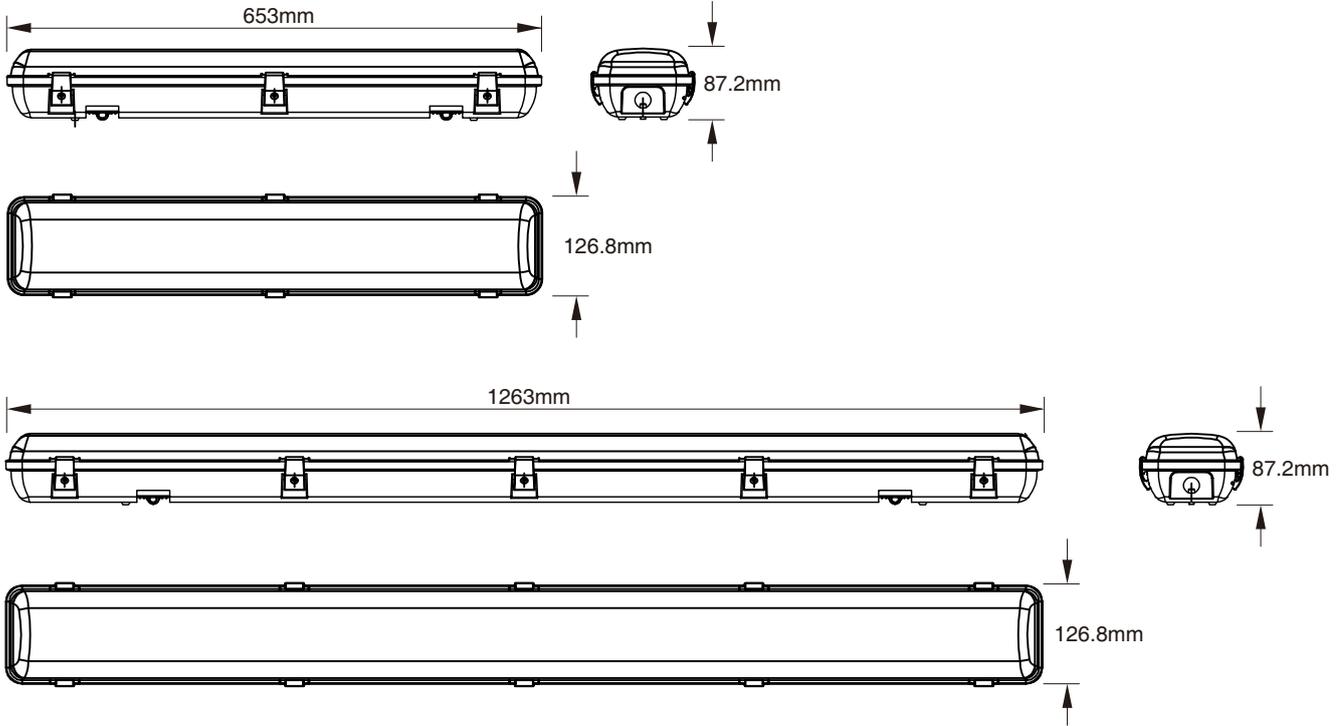
Refers to the time period the lamp remains at 100% illumination after no motion detected.

### Dimming Level

	5	6	
I	ON	ON	0%
II	ON	-	10%
III	-	ON	25%
IV	-	-	50%

The low light level you would like to have after the hold time in the long absence of people.

## DIMENSIONS



## IES

