

# LED Motion Sensor Linear Light



SPECIFICATION	
Model No.	GNP-LED220-SPC-DS
Power Consumption	40W
Voltage	100-277V
Power factor	> 0.95
Lumens	4000 lm
CRI	83
Lens	PC diffuser
Finish	White coated
Dimension in (mm)	1220 X 112 X 62
Dimension (Inches)	48" X 4.4" X 2.4"
Life Span	50,000 hours
Operating Temperature	-20°C ~ + 40°C
Detection Zone	Max.(D x H): 16m x 8m
Mounting Height	8m Max
Detection angle	150°(wall installation), 360°(ceiling installation)

## Construction

- **Material** Cold Rolled Steel housing + Aluminum heatsink + Polycarbonate Lens
- **LEDs** Epistar 2835 chips.
- **Driver** 0-10V Dimming
- **Options** Microwave Motion Sensor.

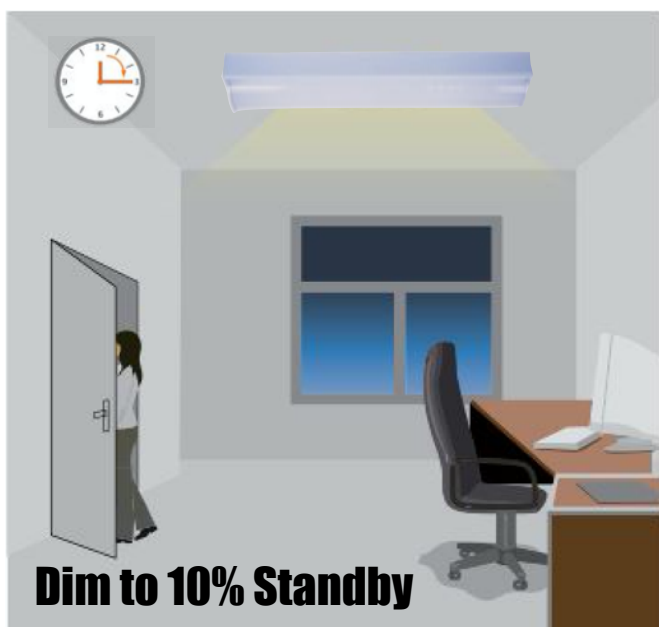
## Features

- ✓ SMD Design, performs superior lighting effect.
- ✓ 1.2mm stretching aluminum heatsink, performs superior heat dissipation.
- ✓ Non-discoloring opal polycarbonate diffuser, makes the light soft and comfortable.
- ✓ Replaceable LED strips with press terminal block, easy to maintain.

## Mounting

- ✓ Ceiling Mounting
- ✓ Wall Mounting
- ✓ Suspended

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ON		1	2	3	
●	I	●	●	●	100%
↑	II	○	●	●	75%
▬	III	●	○	●	50%
↓	IV	○	○	●	25%
○	V	○	○	○	10%
OFF					

## Detection area

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

ON		1	2	3	
●	I	●	●	●	5s
↑	II	○	●	●	30s
▬	III	●	○	●	90s
↓	IV	○	○	●	3min
○	V	●	●	○	10min
OFF	VI	○	○	○	30min

## Hold time

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

ON		1	2	3	
●	I	●	●	●	Disable
↑	II	○	●	●	1h
▬	III	●	○	●	30min
↓	IV	○	○	●	10min
○	V	●	●	○	5min
OFF	VI	○	○	○	5s

## Stand-by period

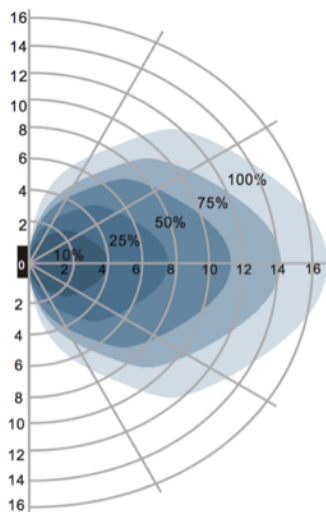
Refers to the time period the lamp remains at a low light level before it completely switches off in the long absence of people. When set to Disable mode, the low light is maintained until motion is detected.

ON		1	2	3	
●	I	●	●	●	50%
↑	II	○	●	●	40%
▬	III	●	○	●	30%
↓	IV	●	●	○	20%
○	V	○	○	○	10%
OFF					

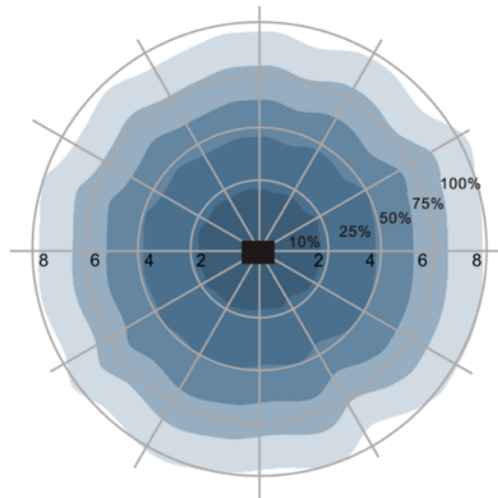
## Stand-by dimming level

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

## DETECTION PATTERN



Wall mounting pattern (Unit: m)  
Suggested installation height: 1-1.8m



Ceiling mounting pattern (Unit: m)  
Suggested installation height: 2.5-8m

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

