

CP60 Sensor Guide



Features:

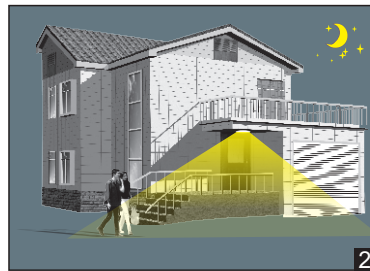
- Built-in daylight sensor.
- Detection area, time delay and daylight threshold can be precisely set via Dip switch.
- Wide detection area, range up to 16m in diameter.
- Support higher mounting height - 15m max.

On/Off Function

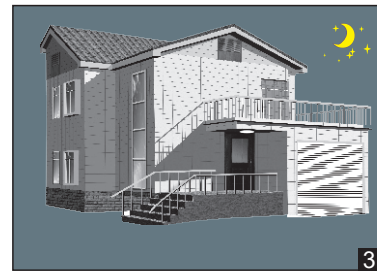
An innovative motion sensor that will switch on the light upon detection of movement, and switch off after a hold time when there is no motion detected. As built-in daylight sensor can read brightness, the sensor does not switch on the light if there is sufficient natural light.



1 With sufficient light, the lamp does not switch on.



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



3 After hold time, the sensor switched off the lamp when no motion is detected.



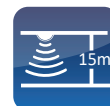
Max. 8 m



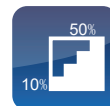
Light Sensor



Hold Time
10s ~ 30 min

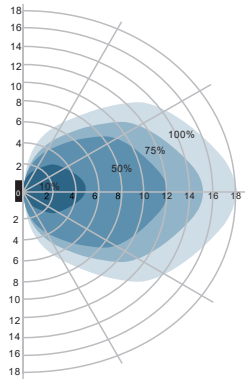


Mounting Height
15m max

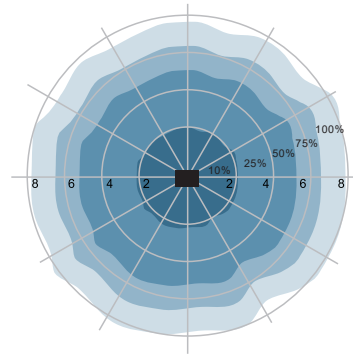


Automatic
Dimming

Detection Pattern



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



Ceiling mounting pattern (unit: m)
Suggested installation height: 2.5-10m

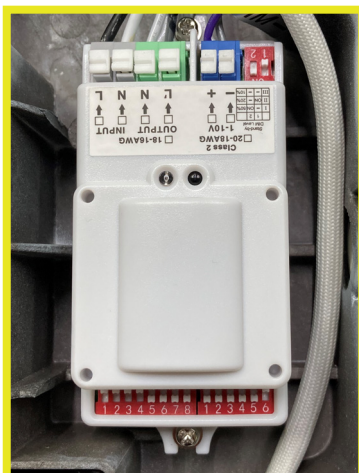
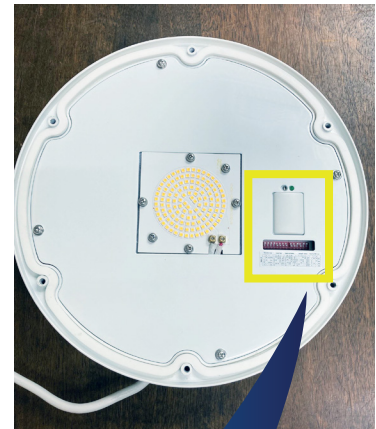
Sensor Location



Remove (6x) No. 3 Hex screws
from plastic dome



Remove plastic dome



Sensor and switches with panel cover removed



Sensor and switches
located inside bottom panel



Sensor

Detection Zone	Max. (D x H): 16m x 15m
Detection Sensitivity	10% / 50% / 75% / 100%
Hold Time	5s/30s/1 min/3 min/20 min/+∞
Daylight Sensor	5lux/15lux/30lux/50lux/100lux/150lux/Disable
Stand-by Period	0s/5s/5 min/10 min/30 min/1h/+∞
Motion Detection	0.3~3m/s
Stand-by Dimming Level*	10% / 20% / 50%
Mounting Height	12m max.
Detection Angle	150° (wall installation) 360° (ceiling installation)

*must remove plate to access

Settings

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

		1	2	
ON ↑ ON	I	ON	ON	100%
	II	ON	-	75%
	III	-	ON	50%
	IV	-	-	10%

		3	4	5	
ON ↑ ON	I	ON	ON	ON	5S
	II	-	ON	ON	30S
	III	ON	-	ON	1min
	IV	-	-	ON	3min
	V	ON	ON	-	20min
	VI	-	-	-	+∞

		6	7	8	
ON ↑ ON	I	ON	ON	ON	0S
	II	-	ON	ON	5S
	III	ON	-	ON	5min
	IV	-	-	ON	10min
	V	ON	ON	-	30min
	VI	-	ON	-	1h
	VII	-	-	-	+∞

		1	2	3	4	5	
ON ↑ ON	I	ON	ON	ON	ON	ON	5Lux
	II	-	ON	ON	ON	ON	15Lux
	III	ON	-	ON	ON	ON	30Lux
	IV	ON	ON	-	ON	ON	50Lux
	V	ON	ON	ON	-	ON	100Lux
	VI	ON	ON	ON	ON	-	150Lux
	VII	-	-	-	-	-	Disable

		6	
ON ↑ ON	I	ON	HS
	II	-	LS

		1	2	
ON ↑ ON	I	-	ON	50%
	II	ON	-	20%
	III	-	-	10%

Detection Area

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

Hold Time

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

Stand-By Period

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

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.

50lux, 30lux: twilight operation; 15 lux, 5 lux: darkness operation only
 *Note that daylight sensor is active only when lamp totally switches off.

Detection Mode

HS - High Sensitivity
 LS - Low Sensitivity

Stand-By Dimming Level

The low light level you would like to maintain after the hold time, in the long absence of motion. (must remove plate to access)

- Shows the default settings that come on the sensor