

INTELLISENSOR

Thank you for choosing one of our Intellisensor LED battens.
We strongly recommend that you read this user guide carefully before installation.

Sensor Function

The Haneco Intellisensor offers smart, auto dimming technology for a more sustainable standby lighting application. It includes a built-in microwave module, daylight sensor, 12V DC input and PWM dimming signal output.

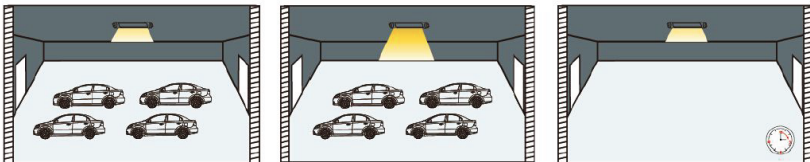
All smart functionality parameters can be set using the DIP switches to give you total control over your luminaires in order to meet all requirements.



Function	Configurable Settings	Default Setting
Hold Time	Automatic full illumination up to 30 minutes (5sec/5min/10min/30min)	5 minutes
Standby Dim Time	Automatically dimmed standby mode, from 5 minutes to 30 minutes.	5 minutes
Standby Dim Level	Adjustable to 2 light levels (10/30%) to suit your security/safety requirements	10%
Daylight Override	Save energy during the day with 3 daylight threshold settings: (30Lux/50Lux/100Lux/Disable) Daylight Priority: ON/OFF Value (30Lux)50Lux/150Lux 100Lux/200Lux (ambient light diffuse reflection conditions)	Disabled
Detection Range	Adjustable sensitivity with 4 settings (25/50/75/100%) up to 6 metres	100%

2-Step Dimming Function

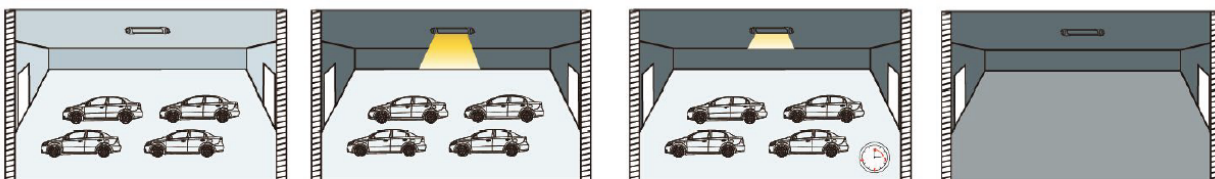
Stand-by period is set to “+∞”, daylight sensor is set to “Disable”, other sensor parameters can be set for actual needs.



- 1 If there is no motion detected, the light will be remained 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.

3-Step Dimming Function

Stand-by period is set to “5min/15min/30min”, daylight sensor is set to “30lux/50lux/100lux”, other sensor parameters can be set for actual needs.
If the daylight sensor is set to “Disable”, turn ON the light when motion is detected regardless of the ambient light level.

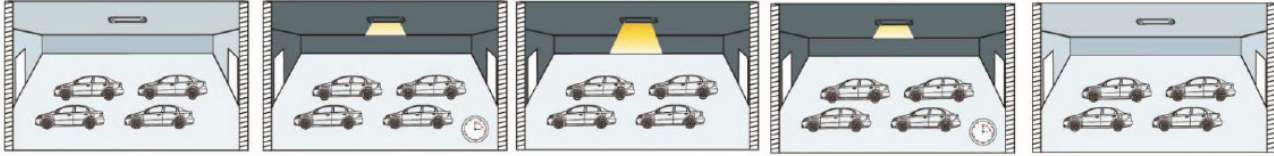


- 1 With sufficient ambient light, the light will not be switched on even if with motion signal.
- 2 With insufficient ambient light, the sensor switches on the light when motion is detected.
- 3 After elapse of hold time, the sensor dims the light at a low light level if no new motion is detected.
- 4 After elapse of standby period, the sensor switches off the light if no motion is detected in the detection zone.

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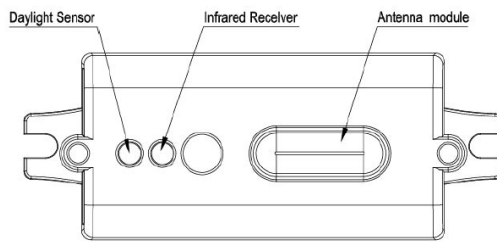
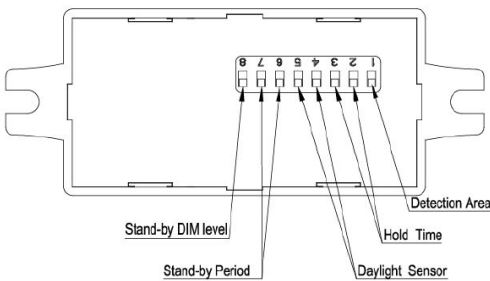
Daylight Priority Function

Stand-by period is set to "5min/15min/30min", daylight sensor set to "30/50/100lux", other sensor parameters can be set for actual needs.



- 1 With sufficient ambient light, the light will not be switched on even if with motion signal.
- 2 When the ambient light is insufficient, the lamp will turn on and enter the low light state (standby level).
- 3 With insufficient ambient light, the lamp goes on full light when a mobile signal is detected.
- 4 After hold time, if no moving is detected in the detection area, the lamp will automatically turn to standby brightness.
- 5 After standby time, if no moving object is detected in the detection area and the ambient light is sufficient, the lamp will turn off automatically.

Structure Diagram



Sensor Settings

Detection Range

DIP Switch 1	Range
ON	100%
-	50%

Hold Time

DIP Switch 2	DIP Switch 3	Time
ON	ON	5sec
ON	-	5min
-	ON	10min
-	-	30min

Daylight Sensor

DIP Switch 4	DIP Switch 5	Daylight Sensor	ON/OFF
ON	ON	30Lux	150Lux
ON	-	50Lux	150Lux
-	ON	100Lux	200Lux
-	-	Disable	Disable*

*Daylight priority function is only available when daylight sensor is set to "Disable" mode.

Standby Dim Time

DIP Switch 6	DIP Switch 7	Time
ON	ON	5min
ON	-	15min
-	ON	30min
-	-	+∞

Note: Daylight priority when setting to "+∞".

Standby Dim Level

DIP Switch 8	Level
ON	30%
ON	10%