

Highbay Daylight Priority

- Automatic On/ Off control with Daylight sensor
- Optional detection range, holdtime, daylight threshold, stand-by period and stand-by dimming level
- Remote control (RCH06R) setting
- 5 Year warranty



HAISEN Model: HD06VCRH 1C

Technical data

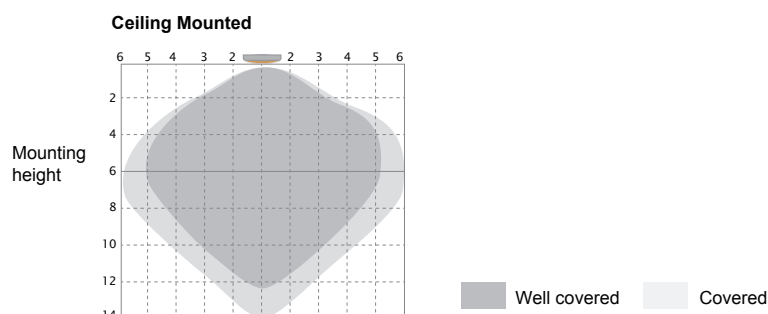
Operating voltage	10-15VDC
Operating current	≤30mA (Current consumption)
Output	DIM 1-10V
Stand-by power	≤0.5W
Detection area	25%/50%/75%/100%
Hold time	5s/30s/1min/3min/5min/10min/20min/30min
Daylight threshold	2Lux/10Lux/30Lux/50Lux/80Lux/120Lux/Disable
Stand-by period	0s/10s/30s/1min/5min/10min/30min/+∞
Stand-by dimming level	10%/20%/30%/50%
Microwave frequency	5.8GHz±75MHz
Microwave power	<0.3mW
Mounting height	Max. 8m/ 26 ft (ceiling mounted)
Detection range	Max, ø12m/ 39 ft (ceiling mounted)
Operating temperature	-20°C~+100°C
Motion detection	0.5~1.0m/s
IP rating	IP20
Warranty	5 years

Factory Default Settings:

- Detection area 100%
- Hold time 5s
- Daylight threshold Disabled
- Stand-by period 0s
- Stand-by dimming level 10%

Detection coverage

- Typical installation height 26 ft
- This figure indicates the maximum distance at the highest mounting height with 100% sensitivity



Daylight Priority

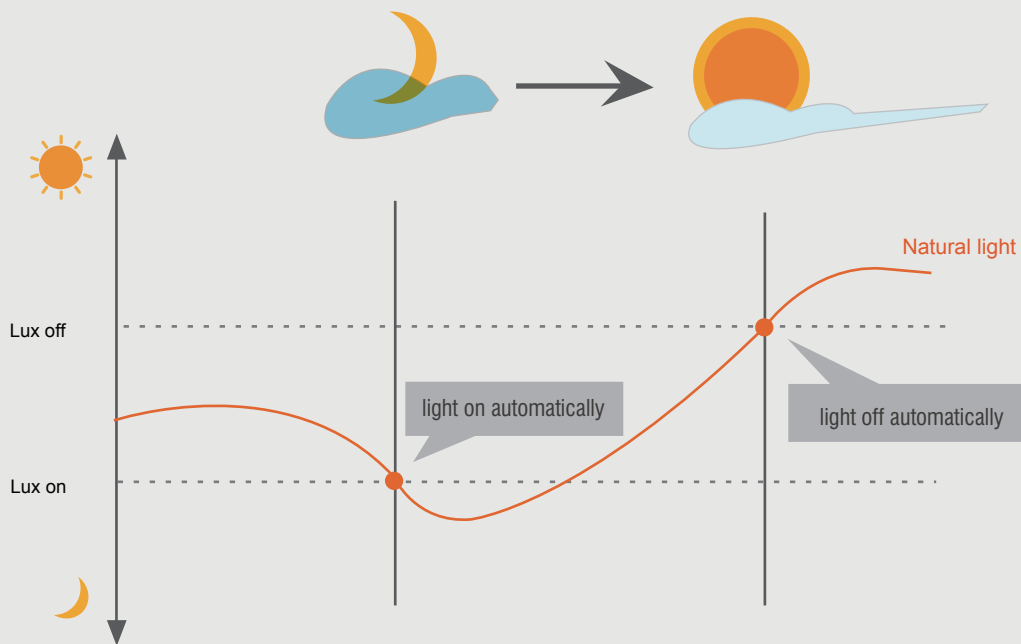
Dusk/Dawn Sensor:

Dual-PD technology brings a fully automatic dusk/dawn sensor which can tell the difference between natural light and LED light, to ensure the light will be off when needed.

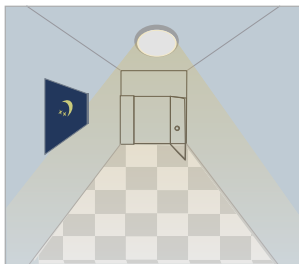
With Daylight priority function, the sensor is able to differentiate artificial light brightness from natural light after installed inside the fixture, and will automatically turn off light when ambient brightness exceeds preset lux level.

Precondition of Daylight priority:

1. Standby period is $+\infty$;
2. Standby dimming level is on 10%, 20% or 30%;
3. Daylight threshold is on 30Lux, 50Lux, 80Lux or 120Lux.



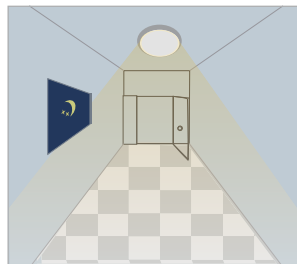
Application Daylight Priority



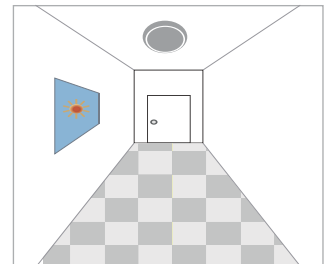
Light automatically on when ambient brightness is lower than preset lux level.



With insufficient ambient brightness, light dims to 100% when motion detected.



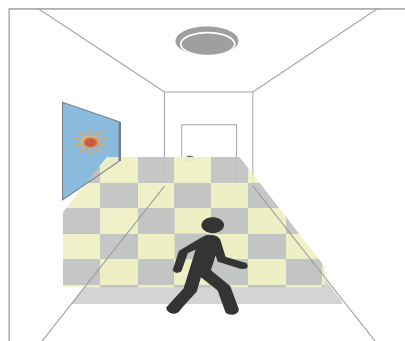
Light dims to standby level if no motion detected after hold time.



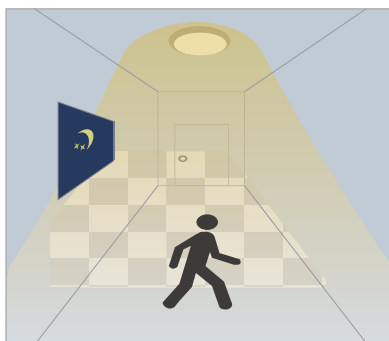
Light off when ambient lux level is higher than preset lux amount.

1. Automatically ON/OFF Function

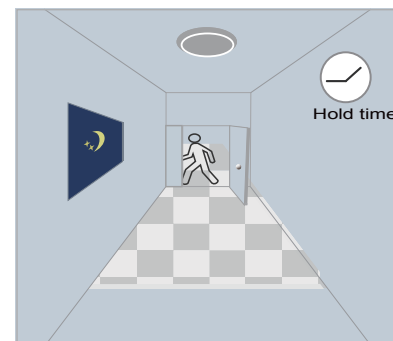
Light on when detects movement and off after people leave area. Application examples: Corridor, Staircase.



With sufficient daylight, even when motion detected, light remains OFF.



With insufficient daylight, when motion detected, light turns ON.



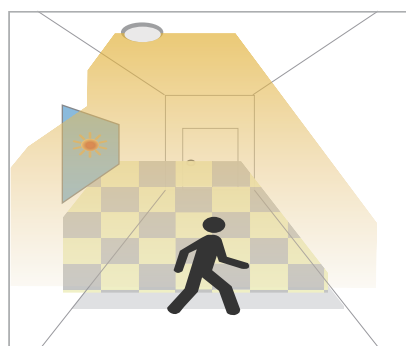
After the last detection and the pre-set hold time elapses, light turns OFF.

2. No Daylight Function

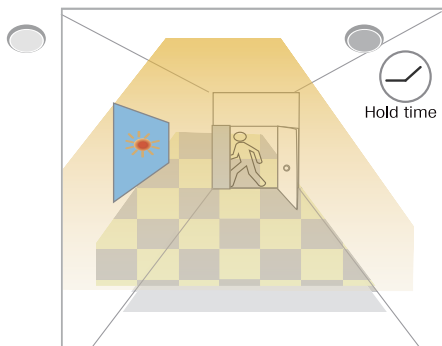
The daylight threshold is set to "Disable".

Light turns on when motion detected. After people leave, light will turn off after stand-by period.

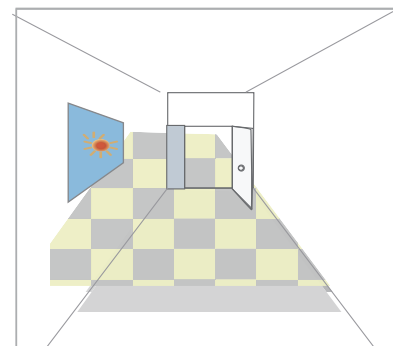
Application examples: Dim places such as Basement Parking, Underpass.



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

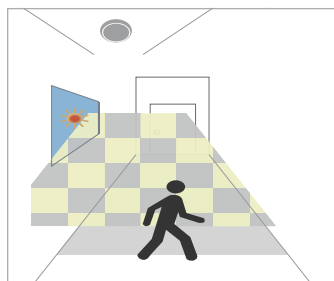


After people leave the detection area, light remains 100% brightness within hold time.

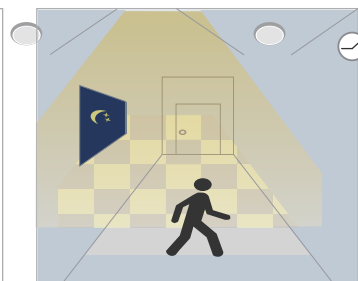


After the last detection and the pre-set hold time has elapsed, light turns OFF.

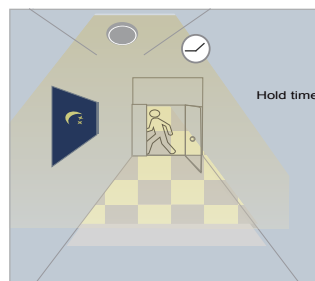
3. Function Demo - Dimmable Control/ Corridor Function



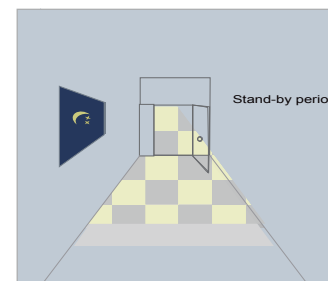
With sufficient daylight, even when motion is detected, light remains OFF.



With insufficient daylight, when motion is detected, light turns ON.



After last detection, the light will be dimmed down to the stand-by dimming level (10%, 20%, 30% or 50%) after hold time.



After the stand-by period, light will turn OFF.

Attention



1. Please read these instructions carefully before using this product and safeguard for future reference
2. We reserve the right to modify any incorrect text, image and necessary technical information
3. Any unauthorized modification is forbidden, otherwise warranty will be voided

Application Environment

1. Suitable for indoor installations to avoid false triggering due to external factors such as rain, wind or tree movement
2. Shall not be installed in places with metal shelters and a small space (such as galvanized-iron roof)
3. Shall not be mounted in a vibration environment so as to avoid false trigger caused by the light itself shaking
4. Shall not be installed next to large operating machines such as ventilator/ ceiling fan to avoid false triggering caused by machine vibration

User Notes

1. Microwave can penetrate walls or glass thinner than 7.8 inches and attenuate if thicker than 7.8 inches
2. Detection area will be affected by speed of motion, mounting height and movement volume
3. Conduct testing on sunny days without any shade which will affect the tested lux value