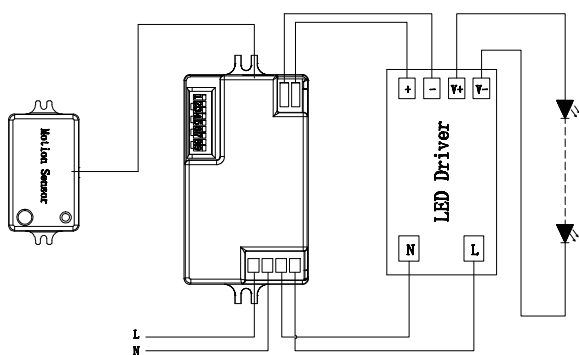
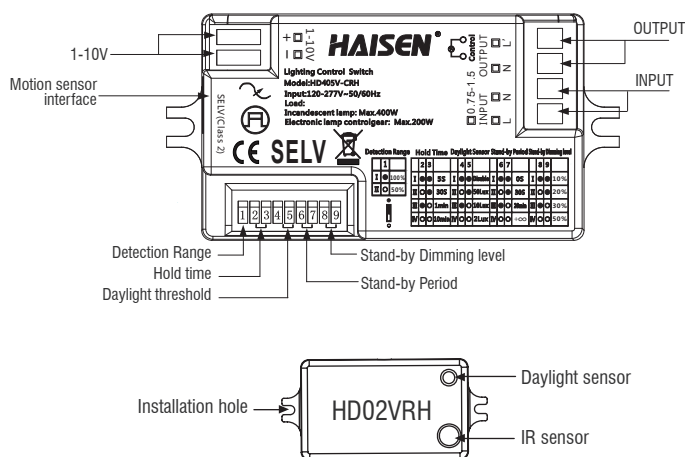


HD405V-CRH

Highbay separate antenna dimming sensor



Wiring diagram



On/off control



Stand-by period



Detection area



Stand-by dimming level



Hold-time



Remote control setting

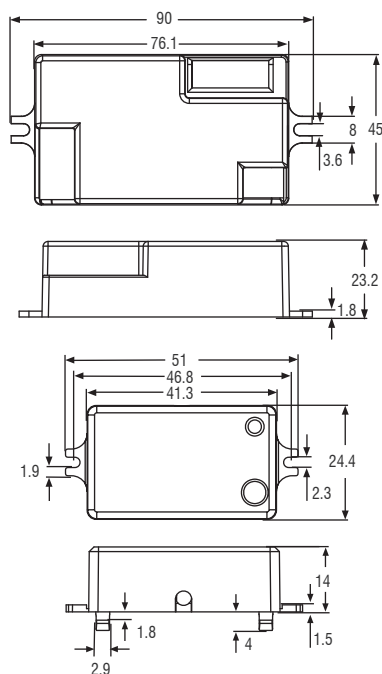


Daylight threshold

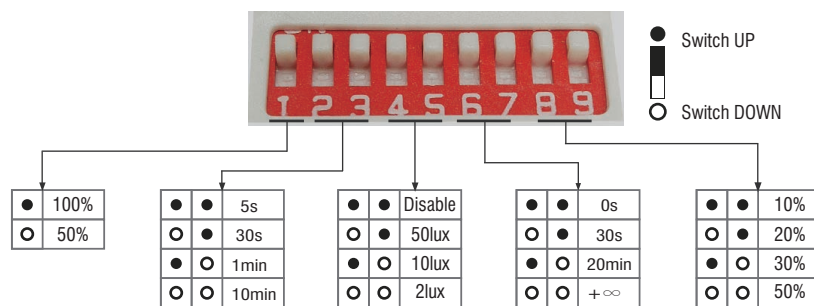
01 Technical data

| | |
|------------------------|--|
| Operating voltage | 120~277 VAC 50/60Hz |
| Switching capacity | Max.200W(Control gear) Max.400W(Incandescent lamp) |
| Standby power | <1W |
| Detection area | 50%/100% |
| Hold-time | 5s/30s/1min/10min |
| Stand-by period | 0s/30s/20min/+ ∞ |
| Stand-by dimming level | 10%/20%/30%/50% |
| Daylight threshold | 2Lux/10Lux/50Lux/Disable |
| Microwave frequency | 5.8GHz±75MHz |
| Microwave power | <0.3mW |
| Interfaces | 6-pole pluggable clamp terminal (L,N,N,L,1-10v+,1-10v-)for 0.75-1.5mm² cable |
| Mounting height | Max.15m(ceiling mounted) |
| Detection range | Max.12x15m(ceiling mounted) Max.20m(wall mounted) |
| Operating temperature | -20°C ~ +55°C |
| IP rating | IP20 |
| Size | 90x45x23.2mm; HD02VRH,51x24.4x14mm |
| Certificate | cULus listed,FCC |

02 Mechanical structure(mm)



03 Settings



Detection area

Detection area means detection coverage. It can be adjusted by combining DIP switches for specific application.

Hold-time

Hold-time means the time period the light will be ON after the last detection.

Daylight threshold

Daylight sensor prior to motion sensor. Set threshold for specific needs. If Disable, only motion sensor works.

Stand-by period

This is the time period the light keeps dimming down after the last detection.

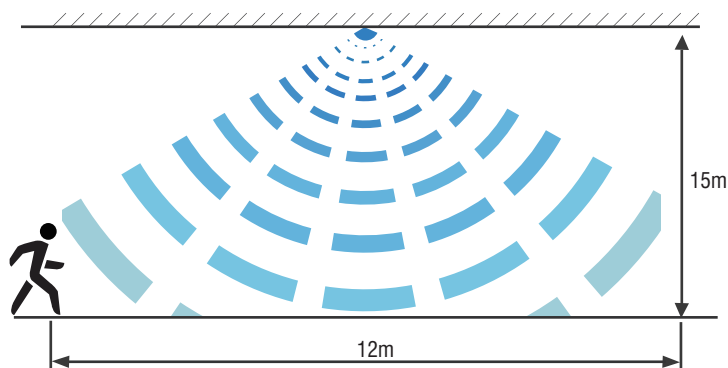
Stand-by dimming level

This is the dimming level the light keeps during stand-by period.

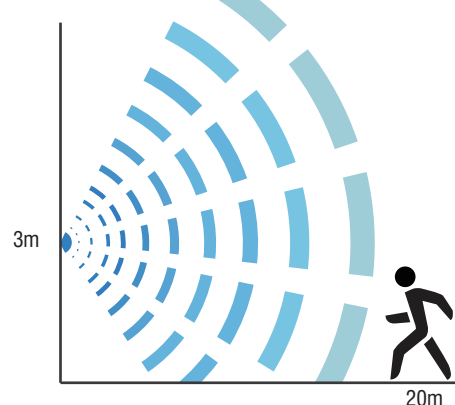
Note: Motion sensor setting and dimming setting please refer to remote control HD02R. HD02VRH Standard Version Cable Length 30mm(can be customized).

04 Detection coverage

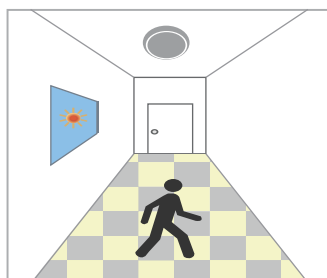
Ceiling Mounted



Wall Mounted



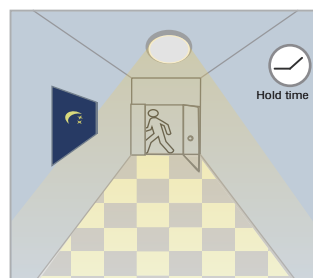
05 Application Function Demo - Dimmable control/Corridor function



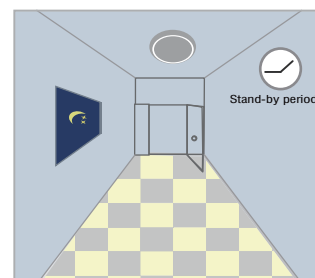
When motion detected, but sufficient daylight, light remains OFF.



When motion detected, insufficient daylight, light ON.



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



After the stand-by period, light OFF.