HAISEN®

HD06VCRH 3

Dual PD,15M highbay

RoHS COMPLIANT

CE

Red: 12V
Black: GND
Yellow: DIM

L
N

Wiring diagram

ø50

50
23
12
20

Unit:mm

Ceiling Mounted

10 8 6 4 2   2 4 6 8 10

Mounting height

Wall Mounted

2 4 6 8 10 12 14 16 18

Mounting height

Well covered

Covered
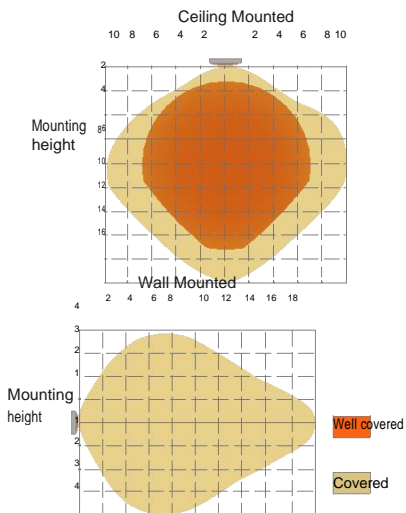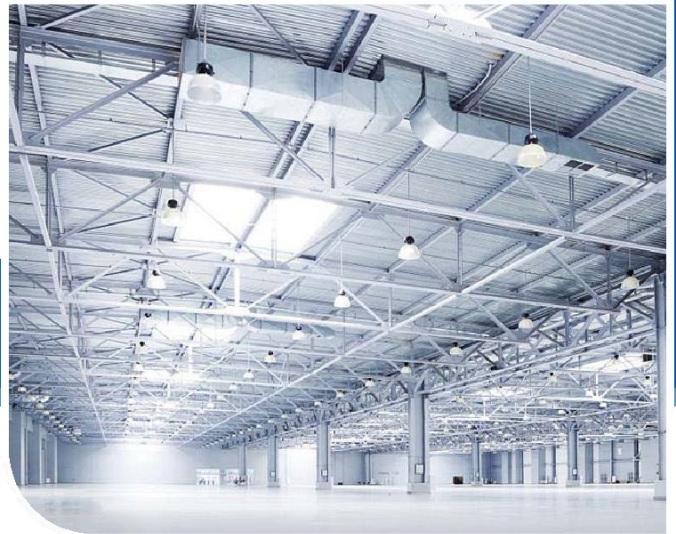
On/off control   Stand-by period   Daylight On/off control
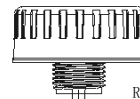
Detection area   Stand-by dimming level   10-15M Highbay
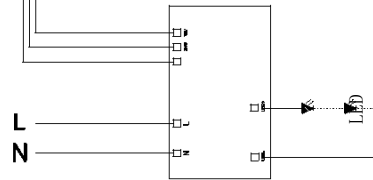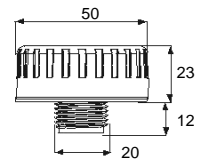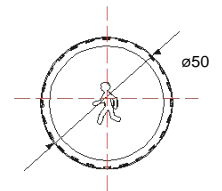
Hold time   Remote control setting   5 years

Daylight sensor

## 1   Technical data

Operating voltage	10-15V DC
Operating current	30mA±5%
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/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
Detection angle	30-150°
Mounting height	Max.15m(ceiling mounted)
Detection range	Max.ø14m(ceiling mounted)
Operating temperature	-20°C~+60°C
IP rating	IP65

Note: Motion sensor setting and dimming setting please refer to remote control HD02R/HD03R.

02 Detection coverage

Ceiling Mounted

Mounting height

Wall Mounted

Mounting height

Well covered

Covered
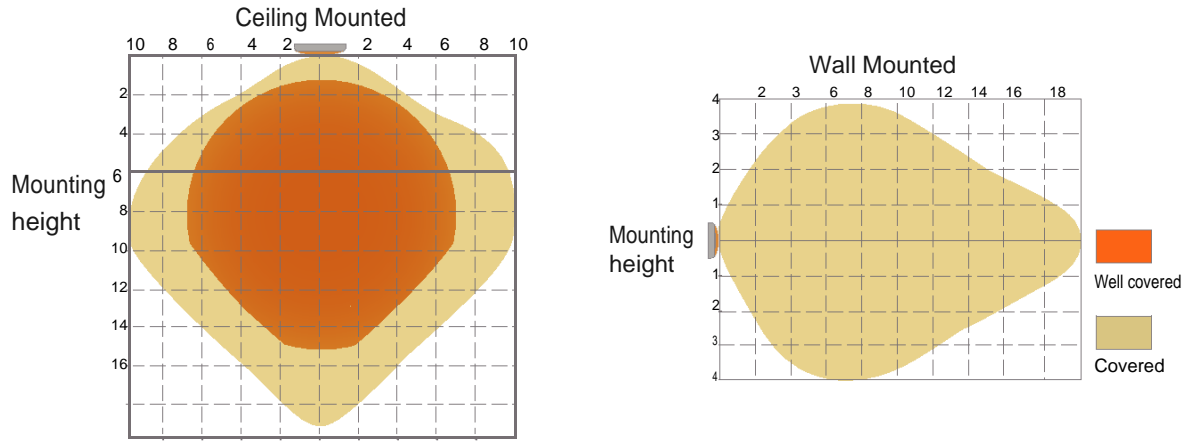
3 Lux on/off

Adopted dual PD technology, HS03 is able to differentiate artificial light brightness from natural light after installed inside the fixture, and automatically turn off light when ambient brightness exceeds preset lux level.
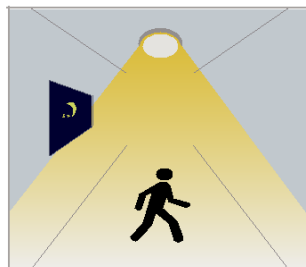
Preconditions to use the Lux-off function:
1. Standby period is +∞;
2. Standby dimming level is on 10%, 20% or 30%;
3. Daylight threshold is on 30Lux, 50Lux, 80Lux or 120Lux.

Natural light

Lux off

light on automatically

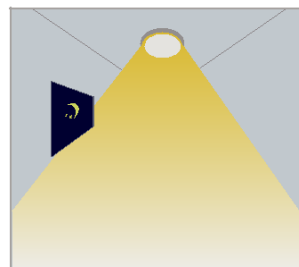light off automatically
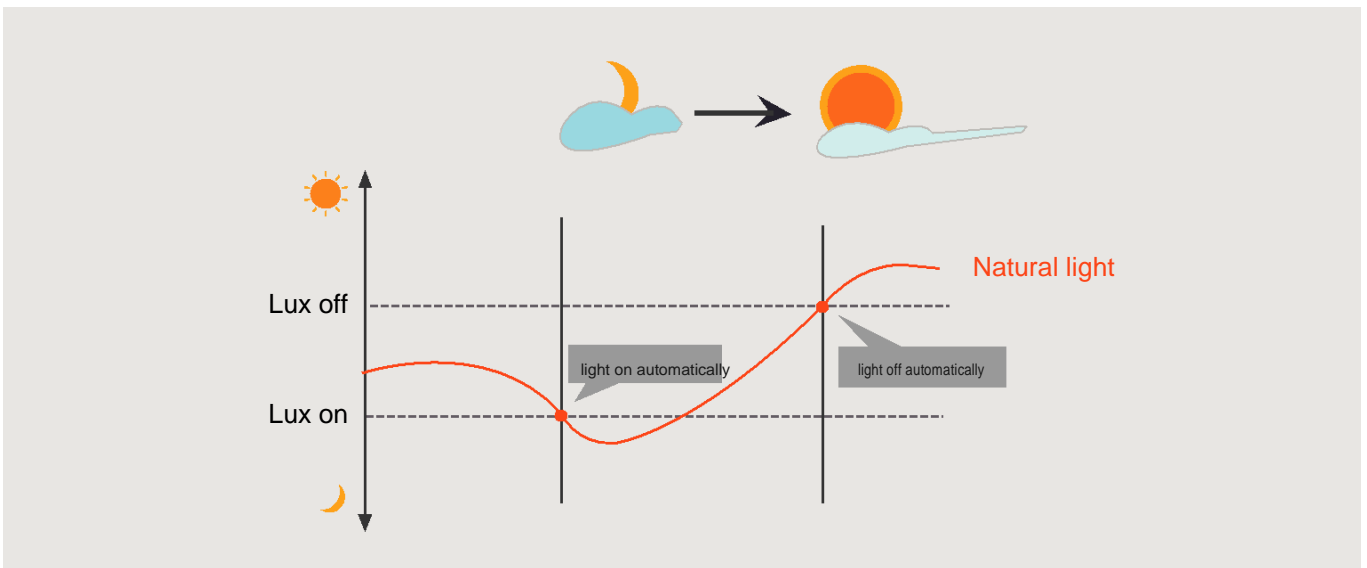
Lux on
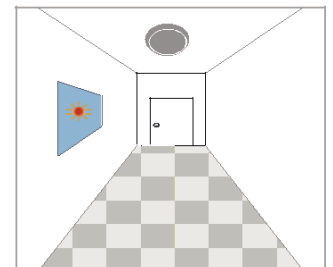
4 Application——Lux on/off
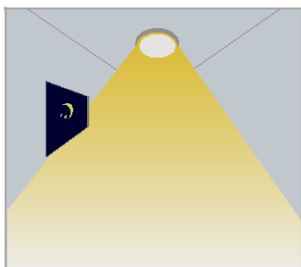
Light automatically on when ambient brightness is lower than preset lux level.

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

Light dims to standby level if no motion detected after holdtime

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