产品规格书

PRODUCT SPECIFICATION

PRODUCT—产品: 12VDC 高空微波感应裸板　　MODEL NO—型号: HD06VCRH 1C

DATE ——— 日 期: 2022-03-12　　PREPARED—编制: 夏勇

CHECKED—审核: 陈启东　　APPROVED—批准: 周勇

客户确认

CUSTOMER RECEIVED

CUSTOMER—客 户: _____　　CHECKED—审 核: _____

APPROVED—批 准: _____　　DATE ——— 日 期: _____

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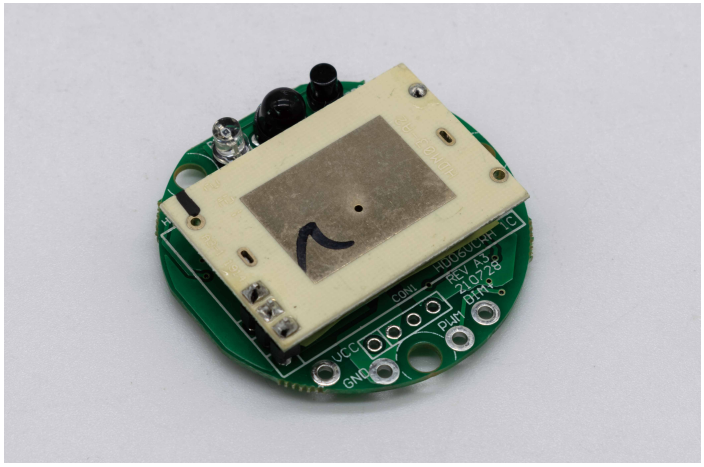

12VDC 高空微波感应裸板
12VDC HIGHBAY SENSOR MODULE

HD06VCRH 1C CE RoHS COMPLIANT In Accordance With

- 12VDC输入, 最高安装高度可达10米
- 适用于UFO等灯具使用 •遥控设置

- 12VDC Input, Max Installation Height 10m
- Suitable for UFO Highbay Sensor •Remote Control

On/Off Control 开/关功能

Detection Area 探测范围设置

Daylight Sensor 日光阀值设置

Remote Control 遥控设置

Hold Time 延时时间设置

Stand-by period 守候时间设置

Stand-by dimming level 守候亮度设置

5 years Warranty 5年质保

Technical Data 参数规格

工作电压 Operating Voltage 10-15V DC	探测范围设置 Sensitivity Setting 25%/50%/75%/100%	安装高度 Mounting Height Max. 10m/32.8ft 吸顶安装 Max. 10m/32.8ft Ceiling Mounted
输出信号 Output Signal 0-10V	延时时间设置 Hold Time 5s/30s/1min/3min/5min/10min/20min/30min	探测范围 Detection Range Max,ø14m/45.93ft 吸顶安装 Max,ø14m/45.93ft Ceiling Mounted
待机功率 Stand-by power <30mA	守候时间设置 Stand-by Period 0s/10s/30s/1min/5min/10min/30min/60min/+∞	运动检测速度 Motion Detection 0.5~1.5m/s
探测角度 Detection Angle 30-150 ° 无玻璃罩 Without Glass Cover	守候亮度设置 Stand-by dimming level 10%/20%/30%/50%	IP等级 IP Rating 裸板 Module
微波频率 Microwave Frequency 5.8GHz±75MHz	工作温度 Operating Temperature -20°C~+60°C	遥控器型号 Remote Model HD05R
微波功率 Microwave Power <0.3mW	日光阀值设置 Daylight Threshold 2Lux/10Lux/30Lux/50Lux/80Lux/120Lux/200Lux/250Lux/300Lux/350Lux/400Lux/Disable	

调光模式 Manually Dimming
加减调光, 长亮模式 10%-100%, 感应模式 60%-100%
Manually dim the light, 10%-100% in always-ON mode, 60%-100% in sensor mode

光感优先 Daylight Priority
设定在守候亮度10%/20%/30%守候时间+∞且400Lux/350Lux/300Lux/250Lux/200Lux/120Lux/80Lux/50Lux/30Lux时有效
Function performs when standby dimming level preset as 10%/20%/30%,
standby period as infinite +∞, and daylight threshold as 400Lux/350Lux/300Lux/250Lux/200Lux/120Lux/80Lux/50Lux/30Lux.

默认设置: 探测范围设置100%, 延迟时间设置5s, 日光阀值设置Disable (不受控)。
Factory Default Setting: Detection area 100%/ Hold time 5s/ Daylight threshold Disable.

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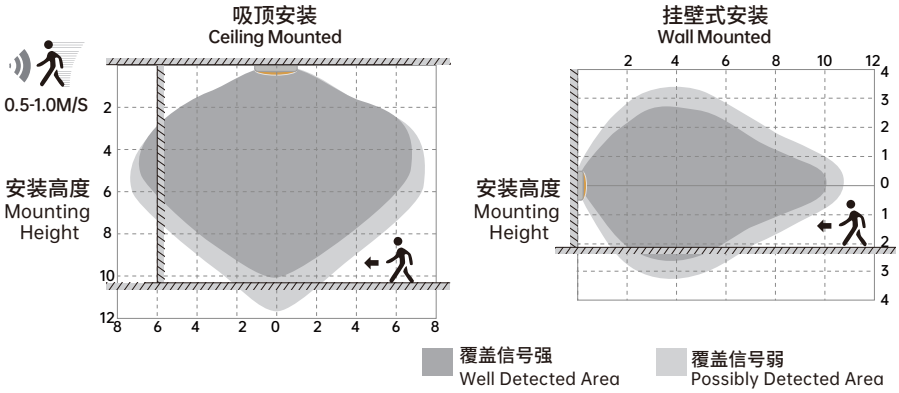
Detection Patterns 探测范围图

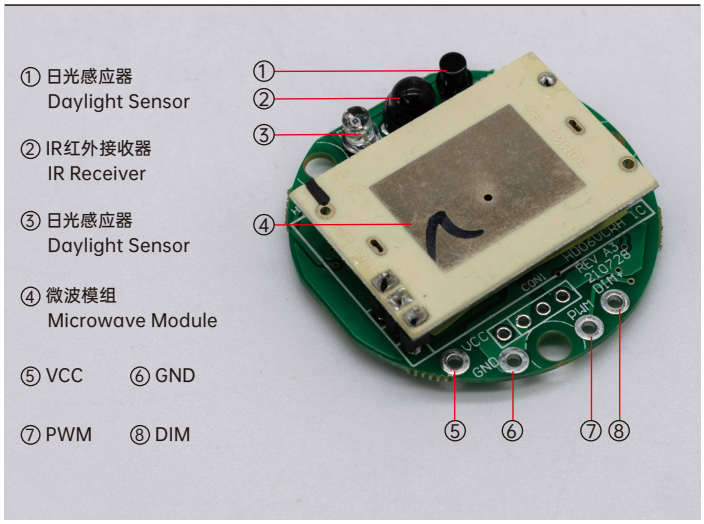


此图表示探测范围为100%时检测距离的参考图。

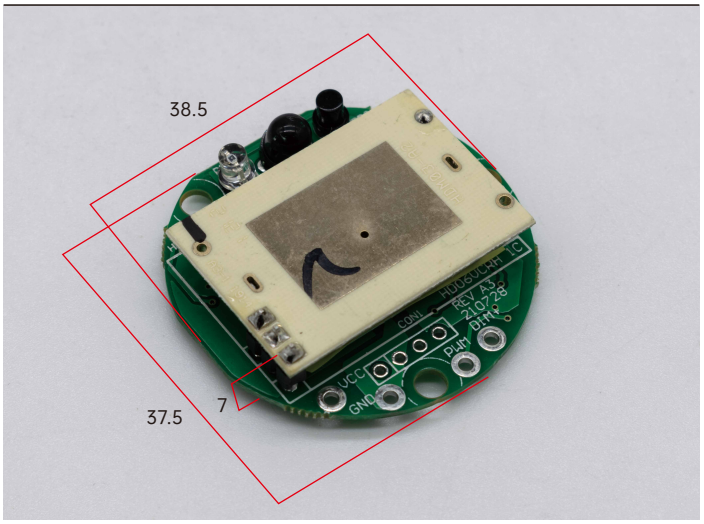
Highest mounting height is 10m

This figure indicates the maximum distance at the highest mounting height with 100% sensitivity.

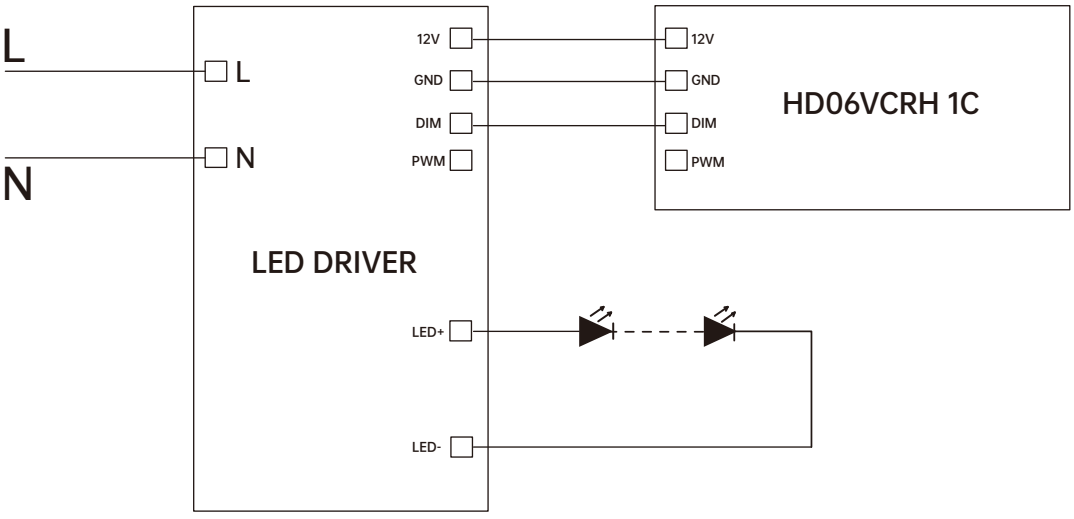
Mechanical structure 结构图



Dimensions 尺寸图 Unit:mm



Wiring Diagram 接线图



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光感优先功能 Daylight Priority

光感优先功能：

产品采用双 PD 自动区分自然光和人造灯光，当环境自然光照度小于设定值时灯自动亮起，环境光大于设定值时灯自动熄灭。

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, HD06VCRH 1C 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.

此款产品是采用光感优先功能，它可以自动检测环境光，当外界亮度低于预设值时，灯开启；外界环境亮度超过预设值（不需要灯光）时，灯关闭。

Precondition of Daylight priority:

1. Standby period is +∞;

2.Standby dimming level is on 10%, 20% or 30%;

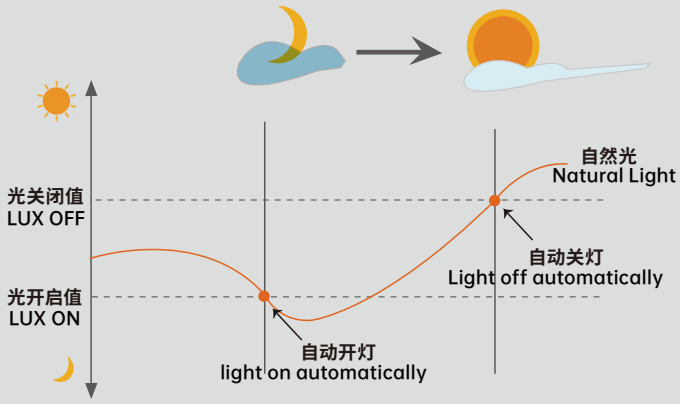
3. Daylight threshold is on 30Lux, 50Lux, 80Lux, 120Lux, 200Lux, 250Lux, 300Lux, 350Lux, 400Lux。

光感优先功能要满足以下条件：

1. 守候时间为+∞;

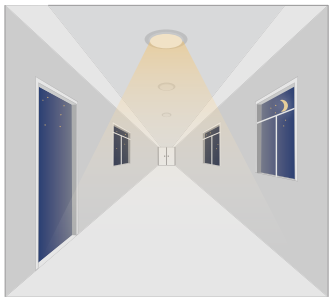
2. 守候亮度为 10%，20%、30%;

3. 日光阀值为 30Lux, 50Lux, 80Lux, 120Lux, 200Lux, 250Lux, 300Lux, 350Lux, 400Lux。



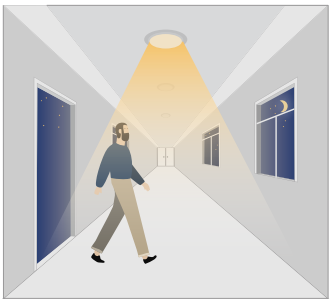
Performance 功能图示

1.Dusk/Dawn Function 光感优先功能



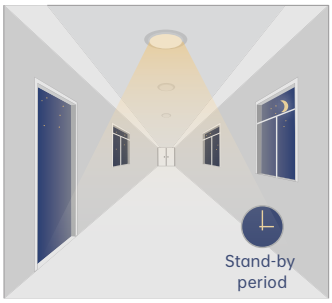
当环境亮度小于预设光的开启值时，自动亮起。

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



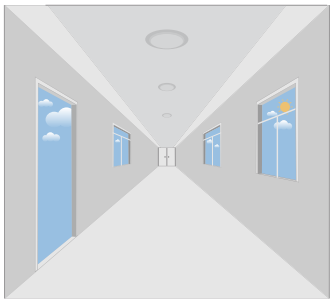
感应器检测到有人走动，灯 100% 全亮。

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



延迟时间结束后，感应区再没有人走动，灯的亮度变暗进入守候时间状态，直到再次检测到有人走动时灯全亮，依此循环。

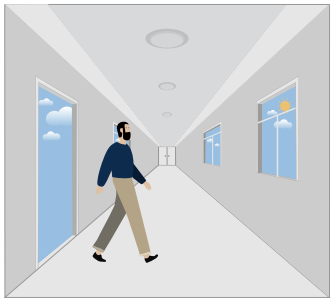
Light dims to standby level if no motion detected after holdtime.



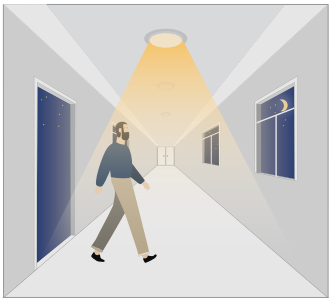
当环境光亮度大于光关闭值时，灯自动熄灭。

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

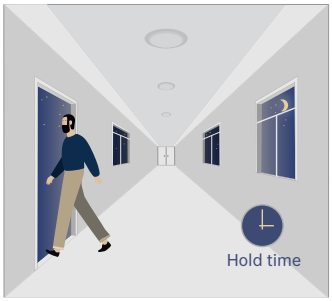
2.Automatically ON/OFF function 自动开/关功能



环境光亮度充足时，即使检测到运动，感应器也不亮灯。
With sufficient daylight, even when motion detected, light remains OFF.



当环境光亮度不足时，检测到运动后，感应器自动亮灯。
With insufficient daylight, the sensor turns light ON when motion gets detected.

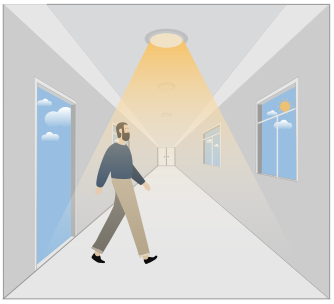


感应器检测不到运动后，自动进入延时时间，延时时间后自动关灯。
The sensor turns OFF light automatically after the holdtime when there's no motion detected.

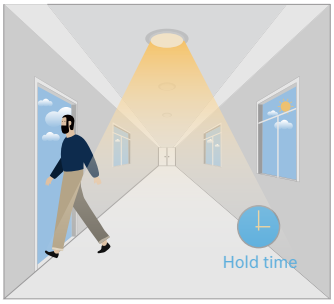
3.Daylight Disable 光感不受控功能

当自然光阈值设定为disable时，即完全不考虑自然光亮度，感应器检测到运动即亮灯。

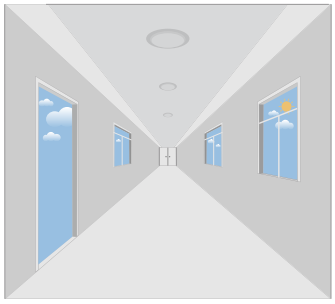
When daylight threshold is preset as "disable", the sensor turns light ON when motion gets detected, and OFF after holdtime.



检测到运动后，感应器自动亮灯。
The sensor turns light ON when motion gets detected.

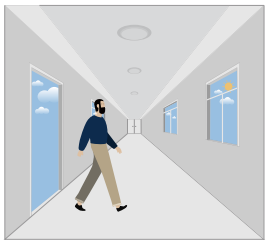


感应器检测不到运动后，自动进入延时时间。
The sensor keeps light ON for holdtime period after motion leaves.



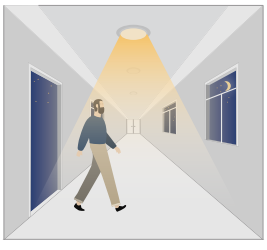
延时时间后自动关灯。
The sensor turns OFF light automatically after the holdtime.

4.Corridor Function, Bi-level Dimmable 三段式调光功能



环境光亮度充足时，即使检测到运动，感应器也不亮灯。

With sufficient daylight, the sensor keeps light OFF even motion gets detected.

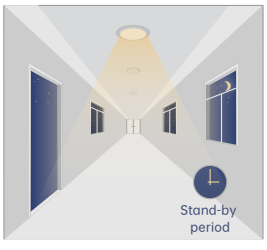


当环境光亮度不足时，检测到运动后，感应器自动亮灯。

With insufficient daylight,
the sensor turns light ON when motion gets detected.

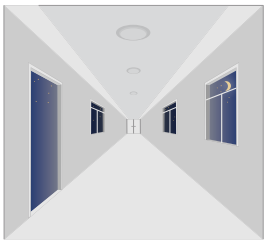
感应器检测不到运动后，自动进入延时时间；延时时间段内灯亮100%。

After there's no motion detected, the sensor keeps light ON 100% for holdtime.



延时时间后，感应器自动进入守候时间，保持守候亮度。

After holdtime, sensor dims light to standby dimming level for standby period.



守候时间结束后，感应器自动灭灯。

The sensor turns OFF light automatically after the standby period when there's no motion detected.

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Attention
注意事项

1. Please read the instructions carefully before using this product and keep it well for all users to read at any time.
2. The sensor should be installed by qualified electrician and ensure power is off before the installation.
3. We reserve the right to modify any incorrect text, image and necessary technical parameters.
4. Any unauthorized modification is forbidden, otherwise all guarantees will be immediately invalid.

1、使用本产品前请仔细阅读使用说明，并妥善保管以便所有使用者随时参阅。
2、感应器应由专业的电工安装，并确保在安装前，切断电源。
3、我们将保留对任何错误文字或图像以及必要的技术参数做出修改的权利。
4、未经授权不得擅自修改感应器，否则一切签约保证将立即失效。

Installation precautions 安装注意事项

1. Microwave sensor can be installed in any lamp except the one with full metal shell.
2. The detected surface cannot be shielded by metal objects.
3. Make sure the microwave module is completely exposed outside.
4. The detection surface of the sensor module shall be installed facing the detection area.
5. Should be kept away from the driver to avoid interference generation and lamp flashing.
6. Wiring must be strictly in accordance with the wiring diagram to avoid short circuit.

1、除全金属壳灯具外，微波感应器可内置安装在其它任意灯具内。
2、微波感应面不能有金属物体遮挡。
3、开孔安装时，确保微波模块应完全裸露在外，否则会导致灯常亮或不灭。
4、感应模组探测面应面对检测区安装，否则会导致无感应或灯常亮。
5、应与驱动保持距离，否则会产生干扰，导致灯闪。
6、须严格按照接线图接线，否则会导致感应器短路。

Application Environment 应用环境

1. Suitable for indoor installation to avoid false triggering due to external factors such as rain, wind or tree swing.
2. Shall not be installed in the place with all four metal shelters and small space (such as galvanized-iron roof).
3. Shall note be mounted installation, so as to avoid false trigger caused by the lamp 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.

1.适用于室内安装，以免外界因素如下雨、刮风或树木摆动而误触发微波感应器。
2.避免安装在四面都有金属遮挡物，且空间狭小的地方（如铁皮房），以免造成灯常亮等自激现象。
3.避免悬挂式安装，以免灯具自身摇晃引起的误触发。
4. 避免安装在大型运作的机器旁（如抽风机 / 吊扇），以免机器震动引起误触发。

User Notes 用户须知

1.Microwave can penetrate walls or glass thinner than <20mm and attenuate if thicker than <20mm.
2. The driver voltage shall be stable and float within 10%.
3. Detection area will be affected by speed of motion, mounting height and movement volume.
4. Conduct test on sunny days without the lampshade which will affect the tested lux value.

1.除金属外，微波可穿透墙壁或玻璃（<20mm），但会有衰减。
2. 驱动电压需稳定，不能超出或低于工作电压 ±10%
3.微波感应器会受安装环境、灯具、测试人员身形和速度的影响，探测范围会有所差异。
4. 测试所得的 Lux 值会受灯具安装方式和灯罩材料的影响，建议在没有灯罩的晴天进行测试。