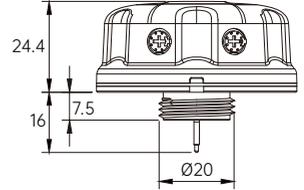
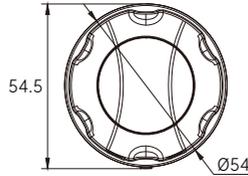




HBC5SENSORMW



H12V2REMOTE



### INTRODUCTION

- 15M/49ft Patent Protected Module, Effectively anti-interference.
- Rotator & Remote control.
- 12VDC Input, 0-10V Dimming, with Daylight Harvesting and Photocell Function.
- Attention: please setting the parameters in the state that the light is always on, the light brightness will blink when the sensor receives the signal, and it will not receive the signal of "MH", "CCT", "o" on the remote control.
- Set fixture on the highest wattage.

### PARAMETERS

Voltage Range	12-24VDC
Signal	ON/OFF, DIM 0-10V
Frequency	5.8GHz±75MHz
Stand-by Power	<30mA
Detection Area	Remote Control: 25%/50%/75%/100%
Installation Height	15m/49.21 Max.
Holdtime	Remote Control: 5s/30s/1min/3min/5min/10min/20min/30min Rotating switch: 5s/1min/5min/10min
Daylight Threshold	Remote Control: 2Lux/10Lux/30Lux/50Lux/80Lux/120Lux/200Lux/250Lux/ 300Lux/350Lux/400Lux/Disable
Standby Dimming Level	Remote Control: 10%/20%/30%/50% Rotating switch: 0%/10%/20%/30%
Standby Period	Remote Control: 0s/10s/30s/1min/5min/10min/30min/60min/+∞
Dusk/Dawn Sensing/ Photocell	Daylight threshold as 30lux/50lux/80lux/120lux/200Lux/ 250Lux/300Lux/350Lux/400Lux Standby period as +∞; Standby dimming level as 10%/20%/30%
Daylight Harvesting	1. Choose "Daylight sensor" button then adjust to any value higher than 50LUX 2. Choose "Standby Period" then adjust to 0S 3. Press "DH" daylight harvesting button, till LCD screen show DH-ON 4. Remark: this function cannot be turned off by DH-OFF. but it can be turned off by changing any parameters
Environmental Requirements	In accordance with CE ROHS
Working Temp	-40°C~+70°C
IP Rating	IP65

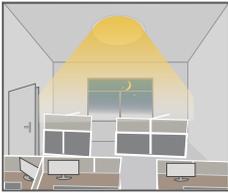
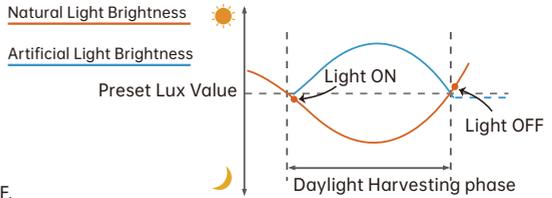
### ⚠ WARNING

**NOTE:** Warm up time is 10seconds. After the sensor connects input power first time, the light will keep on 10seconds, then go to dimming to work normally.

**NOTE:** Factory Default Setting: 100% sensitivity, Hold on time:1 min, Daylight threshold is disable. Standby period is 1 min, standby dimming Level is 20%.

### DAYLIGHT HARVESTING

1. Choose "Daylight sensor" button then adjust to any value higher than 50LUX
2. Choose "Standby Period" then adjust to 0S
3. Press "DH" daylight harvesting button, till LCD screen show DH-ON
4. Remark: this function cannot be turned off by DH-OFF, but it can be turned off by changing any parameters



When ambient brightness is lower than preset lux level, sensor will turn on light automatically and keep dimming according to the change of the ambient brightness; when outside is getting darker, the inside will be brighter, and brighter darker.

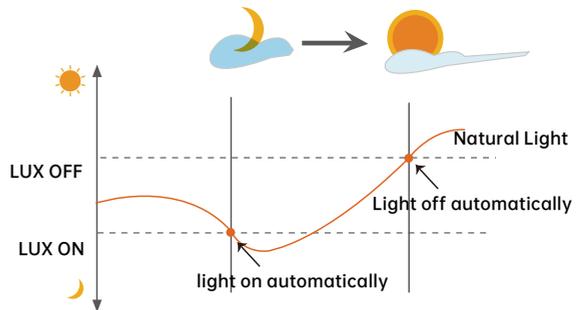
Light OFF when ambient brightness becomes higher than the preset lux level.

### DUSK/DAWN FUNCTION

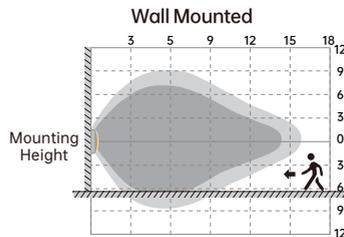
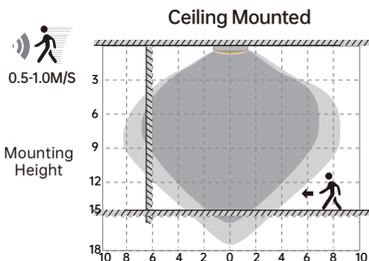
HBC5SENSORMW is able to differentiate artificial light brightness from natural light after installed inside the fixture, and automatically turn off light when ambient brightness exceeds preset lux level.

Precondition of Dusk/Dawn function:

1. Standby period is  $+\infty$ ;
2. Standby dimming level is on 10%, 20% or 30%;
3. Daylight threshold is on 30lux/50lux/80lux/120lux/200Lux/250Lux/300Lux/350Lux/400Lux



### DETECTION COVERAGE



Highest mounting height is 15m

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

Well Detected Area      Possibly Detected Area