

MICROWAVE MOTION SENSOR

ACCESSORIES

Microwave Motion Sensor for Commercial, Industrial & Outdoor Fixtures

ERALUX also holds microwave motion sensors with dimmable options for commercial fixtures such as troffers and back panels, as well as linear and UFO highbays. This motion sensor has 120-277V input voltage and has also a remote control to select which options are required.

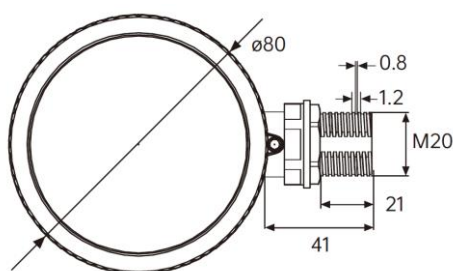


eralux®

DATE	
PROJECT NAME	
TYPE	
QTY	
ORDERING CODE	HD406VRH Microwave Motion Sensor

PERFORMANCE

DIMMING	0-10V dimming
MOUNTING HEIGHT	Max: 49FT
DETECTION RANGE	Max: 45FT
STANDBY POWER	≤1W
PROTECTION	IP65 Rating
DEFAULT SETTINGS	100% detection area 5 seconds hold time Disabled Daylight threshold No standby period Stand-by dimming at 10%



WARRANTY

SYSTEM WARRANTY – 5 YEARS

Eralux will warrant defective drivers, LEDs and boards for 5 years from the date of purchase. This warranty is valid only if the fixture is installed and used as per installation guides and specifications. If a defect is present, Eralux will send drivers and boards at no fee with a thorough replacement instructions along with instructions on the return of the defective parts back to Eralux.



ORDERING GUIDE

MOTION SENSOR
HD406VRH Microwave Motion Sensor
HD406VRH Microwave Motion Sensor
ERALUX Microwave Motion Sensor

REMOTE CONTROL
Remote Control HD05R
Remote Control HD05R
ERALUX Remote Control for Microwave Motion Sensor

MICROWAVE MOTION SENSOR

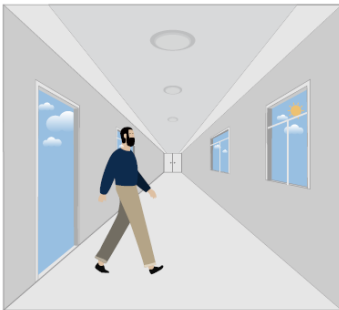
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Microwave Motion Sensor for Commercial Fixtures

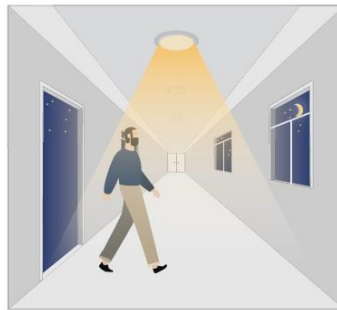
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MOTION SENSOR APPLICATION

1. Daylight Enabled



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



With insufficient daylight, when motion detected, light ON.

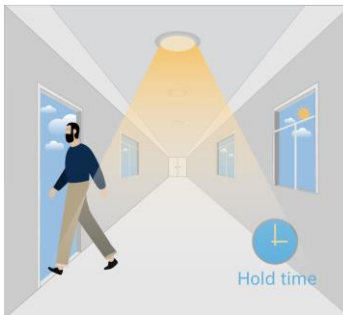


The sensor turns OFF light automatically after the hold time when there's no motion detected.

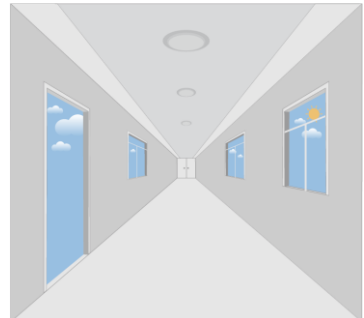
2. Daylight Disabled



The sensor turns light ON when motion gets detected.



The sensor keeps light ON for the hold time period after motion leaves.



The sensor turns OFF light automatically after the hold time.

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REMOTE CONTROL APPLICATION

FUNCTION & PERFORMANCE



ON/OFF ON/OFF Light Switch



AUTO MODE The sensor starts to work, and all settings remain the same before the light gets switched on/off when the button is pressed.



RESET

- To reset the brightness to the max level.
- All settings will go back to the original settings:
 - 100% detection range
 - 5S hold time
 - No stand-by time
 - Daylight threshold disabled



+/-

- Adjusts the brightness 10-100% in on/off mode
- Adjusts the brightness 60-100% in sensor mode



START Press "Start" to customize change detection range, daylight threshold, hold time, standby dimming level and standby period.



MEMORY

- Press "Memory" to save all the settings.
The settings remained the same as last time if they were not reset.



APPLY

- Press "Apply" to deliver the saved settings.
- Settings should be done within 30 seconds, otherwise it exists the memory mode.

FUNCTION & PERFORMANCE



DETECTION AREA To define the detection area at 25%/50%/75%/100%



HOLD TIME To define the hold time to 5s/30s/1min/3min/5min/10min/20min/30min.



DAYLIGHT THRESHOLD Define stand-by dimming at 10%/20%/30%/50%.



STANDBY PERIOD Define the stand-by period at 0s/10s/30s/1min/5min//10min/30min/unlimited



STANDBY DIMMING LEVEL Define daylight level at 2Lux/10Lux/30Lu/50Lux/80Lux/120Lux/Disable



TEST MODE For testing purposes after commissioning for 2 seconds.

