



MS1 SERIES KNOCKOUT MOUNT MICROWAVE MOTION SENSOR 347-480V



5YEAR
WARRANTY

Catalog #	
Project	
Date	
Prepared by	
Model #	MS1-DHR-KO-4

OVERVIEW

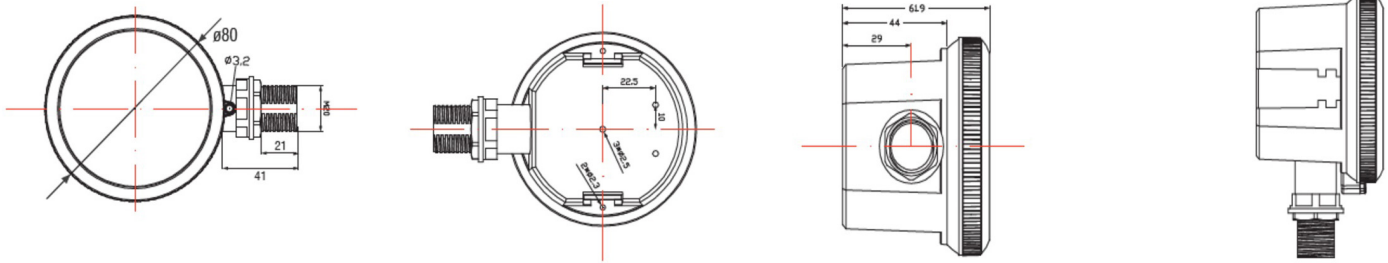
The MS1-DHR-KO-4 is a knockout mounted sensor that uses microwave technology to detect motion.

PRODUCT HIGHLIGHTS

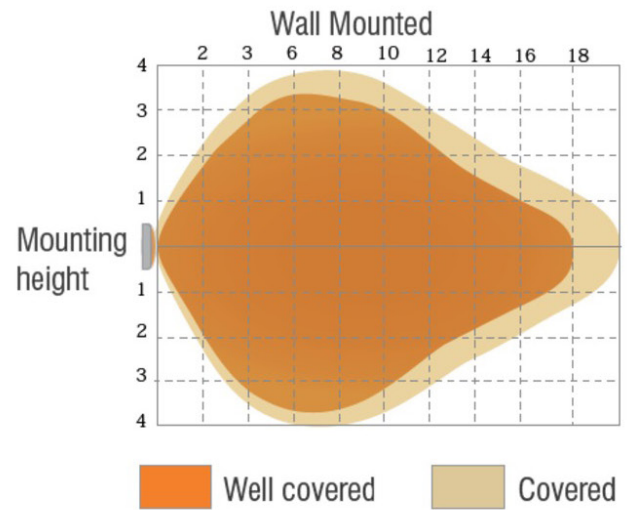
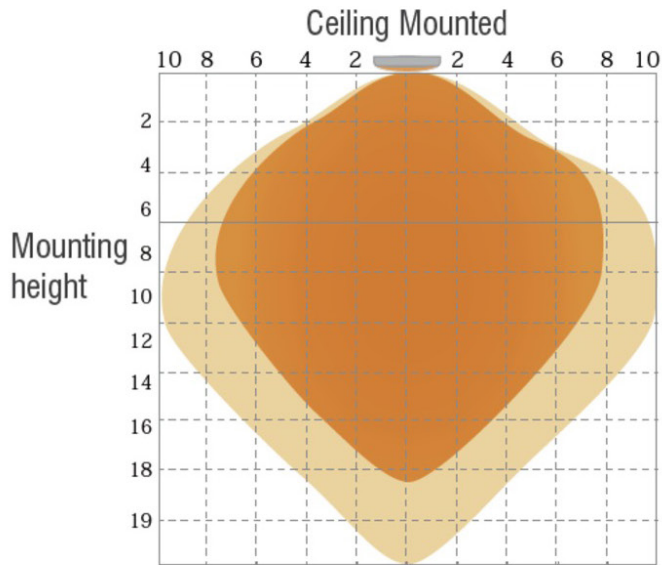
- Microwave technology
- Dimmable
- Remote control programming
- Settings include: detection range, hold time, stand-by dimming level, stand-by period, and daylight sensor
- For high ceiling applications ranging from 15-48ft
- 360° of coverage
- Installs onto a 1/2 inch knockout located on a fixture or junction box
- Load: 2.3A @ 347V, 2.5A @ 480V

ELECTRICAL SPECIFICATIONS		APPROVALS & LISTINGS	
Input Voltage	347-480VAC	IP Rating	IP65
Max Load	Load: 2.3A @ 347V, 2.5A @ 480V"	UL/ETL Listed	E510715
CONSTRUCTION		SENSOR SETTINGS	
Housing Material	Polycarbonate	SETTINGS	RC01 REMOTE
Housing Color	White	Detection Range	25-100%
Dimensions (inch/mm)	L: 4 3/4" (121mm) W: 3 1/8" (80mm) H: 2 5/8" (67mm)	Hold Time	5s-30min
Weight (g/oz)	280g / 9.9oz	Stand-by Dim Level	10-50%
Installation Method	1/2" knockout	Stand-by Period	0s-20min, ∞
Operation Range (°C/°F)	-35°C to 55°C / -31°F to 131°F	Daylight Sensor Level	2-120lux, disable
Warranty	5 years		

PRODUCT DIMENSIONS



FIELD OF VIEW



How To Use The Remote

To begin, press the start button

- 1) Select a specific: detection range, hold time, stand-by dimming level, stand-by period and daylight sensor setting
- 2) Press Memory to save the selected settings
- 3) Press Apply to send saved settings to sensor
- 4) Press Apply to send saved settings to any additional sensor

LED Indicators and Function

- Button press indicator
- Apply button indicator

Button Layout and Function

ON/OFF
Turn light **ON** or **OFF**
Sensor is deactivated

Auto Mode
Turn sensor on
Retains settings saved
before the light was
turned off

RESET
Reset light to **ON/OFF** mode
Output is 100%

Brightness
Adjust **ON/OFF** mode max output level
from 100-10%
Adjust **sensor mode** max output level
from 100-60%

Start
Press to set all sensor settings;
detection range, hold time,
stand-by dimming, stand-by
period and daylight sensor
threshold

After **Start**, 30s is available to
set settings, or they will be reset

Memory
Press to save selected settings
Settings will save on remote until
Reset is pressed or batteries
removed

After **Memory** is selected, 30s is
available to **Apply** settings

Apply
Press to send saved Memory
settings to the sensor.
Press Apply to send saved
settings to any additional
sensor
If Memory is not saved, the
settings will be applied one
time and not save



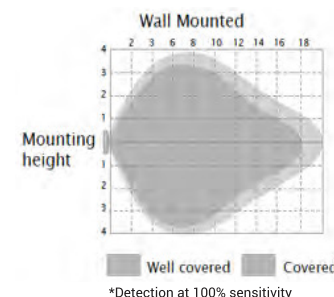
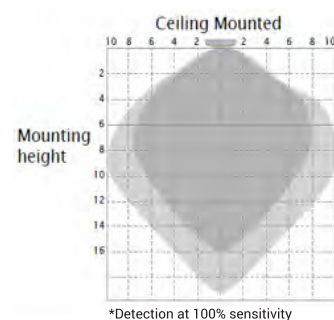
Detection Range (Sensitivity) Setting
100% - 25% detection range
Actual detection distance varies by
mounting height
Refer to sensor field of view diagram

Hold Time Setting
After last detected motion, amount of
time to hold light at 100% or selected
brightness from; 30s up to 30min

Stand-by Dimming Level Setting
No motion dimming level from 10% to 50%
If no motion is detected for the selected hold time, the light will turn off [0%] if 0s is
selected for **stand-by period** or dim down to 10%/20%/30%/50%. The light will remain
off or dimmed for the selected **stand-by period**. Once motion is detected, it will then
return to set **brightness** level

Stand-By Period Setting
No motion dimming stand-by time in seconds and minutes; 10s to infinity
0s - stand-by time is 0s
+∞ - Light will remain dimmed until motion is detected

Daylight Sensor Setting
Set the **ambient lux level**. Sensor will turn
light **ON** once below level, and **OFF** above level;
2 lux up to 120 lux
Disable will ignore ambient light levels



Test Button
Press to run test mode
Hold time is 2s in test mode
Use to check light and remote
connectivity

1. Due to the special conditions of manufacturing, the typical data of optical specifications can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from the typical data.
2. Exceeding maximum ratings for input voltage and current will cause hazardous overload and will likely destroy the LED fixture.
3. Refer to Warranty Terms & Conditions available at premiseled.com/warranty