

OVERVIEW

The CMR 10 480 Series incorporates Passive Infrared (PIR) technology into an attractive and economical line powered sensor to provide maximum viewing from the ceiling. When mounted at 9 ft (2.74 m), this sensor views up to 28 ft (8.53 m) in all directions. Its circular coverage pattern is designed for walking motions; making it ideal for T-shaped intersections in corridors, or other areas where wall mounting a sensor is not practical. Low ceiling heights are also best covered with the CMR 10 480. For example, when mounted at only 7 ft (2.13 m), the height of pick aisles in many distribution centers, the CMR 10 480 provides a 32 ft (9.75 m) diameter pattern of coverage. In applications where detection of minor motion is also required, use the CMR PDT 10 480 Series Dual Technology sensor. With optional flash programming via the Sensor Switch VLP mobile device application, the user can easily change time delay, on mode and photocontrol settings.

FEATURES

- 100% Digital PIR Detection, Excellent RF Immunity
- 360° Coverage Pattern
- Self-Contained Relays, No Power Packs Needed
- No Minimum Load Requirements
- Interchangeable Hot & Load Wires, Impossible to Wire Backwards
- Push-Button Programmable
- Adjustable Time Delays
- No Field Calibration or Sensitivity Adjustments Required
- Convent Test Mode
- 100 Hour Lamp Burn-in Timer Mode
- Green LED Indicator

Warranty

Five-year limited warranty. Complete warranty terms located at:

www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Actual performance may differ as a result of end-user environment and application.

Specifications subject to change without notice

sensorswitch

CMR 10 480
*Extended Range 360°
Sensor*



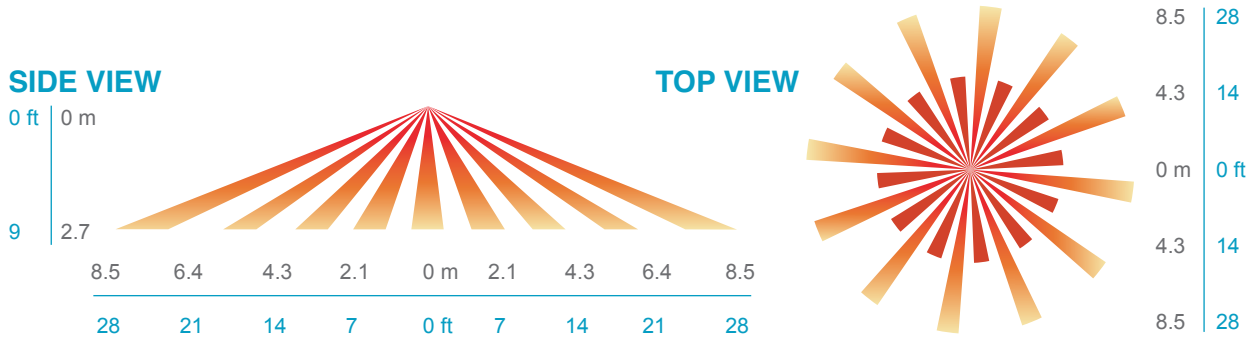
ORDERING INFORMATION

CMR 10 480				Example: CMR 10 480 LT			
CMR 10 480							
Series		Photocell		Visible Light Programming		Temp/Humidity	
CMR 10 480	Extended Range 360° Sensor	[blank]	None	[blank]	None	[blank]	Standard
		P	Photocell	VLP	Visible Light Programming	LT	Low Temp/High Humidity

COVERAGE PATTERNS

10 EXTENDED RANGE 360° LENS

- Best choice for large motion detection (e.g. walking)
- Viewing angle of 67° in a 360° conical shaped pattern
- Provides 28 ft (8.53 m) radial coverage when mounted to standard 9 ft (2.74 m)
- 7 to 15 ft (2.13 to 4.57 m) mounting heights provide 16 to 36 ft (4.88 to 10.97 m) radial coverage



WIRING (DO NOT WIRE HOT)

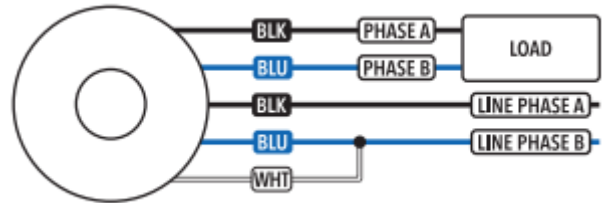
STANDARD WIRING

- BLACK* - Phase A Line Input
- BLACK* - Phase A Load Output
- BLUE** - Phase B Line Input
- BLUE** - Phase B Load Output
- WHITE - Connect to either Line Input

INITIAL POWER UP

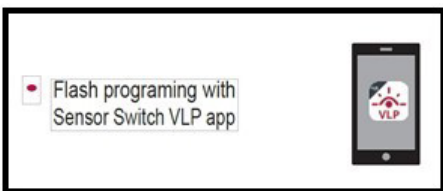
The sensor's relays are shipped in a latched closed position so the lights will come on upon initial power-up. If the lights do not immediately turn on (initial installation only) the latching relays opened during shipment and will close within 30 secs.

Note: If the sensor loses power, the relays will latch to on.



*Black wires can be reversed

**Blue wires can be reversed



SPECIFICATIONS

Electrical

Input Ratings	120/277V, 80 mA, 50/60Hz 347V, 80 mA, 50/60Hz 480V, 80 mA, 50/60Hz
Output Ratings	120V, 800W/6.67A - Tungsten, Ballast 120V, 5A - General Purpose 277V, 1200VA/4.3A - Ballast 347V, 4.3A - General Purpose 480V, 5A - General Purpose 125V, 1/4HP - Motor

Relay Type Latching

Low Voltage Output Ratings 0-10VDC, Sinks <20mA

Class Rating 0-10V Dimming can be wired Class 1 or 2; Do not include if only Class 1

Standards/ Ratings Energy Management Equipment, UL916 (E167435)

Mechanical

Dimensions 4.55"W x 1.55"D (116mm x 40mm)

Mounting Single-Gang or Octagonal Box, Surface Mount

Color White

Finish Matte

Connection Type Line Voltage Leads

Environmental

Warrantied Operating Temperature: Standard: 14°F to 140°F (-10°C to 60°C)
LT Option: -4°F to 140°F (-20°C to 60°C)

Relative Humidity Up to 90%, Non-Condensing

Environment Indoor

Standards/ Ratings RoHS