

OVERVIEW

The **SFOD 7 ODP** Series sensors provide both Motion and Daylight based control of a 0-10 VDC dimmable outdoor or wet location luminaire. The **SFOD 7 ODP** can dim and turn on/off its connected lighting. For motion detection, the sensors utilize 100% Digital Passive Infrared (PIR) technology that is tuned for walking size motion while preventing false tripping from the environment. The **SFOD 7 ODP's** integrated photocell enables additional energy savings during daytime periods when there is sufficient daylight.

FEATURES

- 100% Digital PIR Detection, Excellent RF Immunity
- Integrated Photocell
- 0-10 VDC Output for Dimming
- Gasketed Sensor for Outdoor Operation
- Snap-in Style Embedded Mounting Compatible w/ 0-10 VDC Dimmable Ballasts and LED Drivers
- Adjustable Time Delays, Max/Min Dim Levels, and Ramp Rates
- Programming Button Accessible w/o Opening Sensor or Removing Gasketing for Outdoor/Wet locations
- No Field Calibration or Sensitivity Adjustments Required
- Non-Volatile Settings Memory
- Convenient Test Mode

SPECIFICATIONS

Sensor Dimensions:	(w/ Mounting Flange) 3.40" H x 3.40" W x 1.40" D (8.64 cm x 8.64 cm x 3.56 cm)
Weight:	6 oz
Mounting:	2.65" (6.73 cm) square opening in fixture (minimum depth 1.50" (3.8 cm))
Color:	White or Black
Maximum Load:	800 W @ 120 VAC, 1000 W @ 208 VAC, 1200 W @ 240 VAC, 1200 W @ 277 VAC, 1500 W @ 347 VAC, 2160 W @ 480 VAC
Minimum Load:	None
Motor Load:	1/4 HP
Frequency:	50/60 Hz
Dimming Load:	Sinks <20 mA; ~40 Ballasts @ .5 mA each

ROHS compliant

AcuityControls

Sensor Switch™

SFOD 7 ODP
360° Low Bay Coverage



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.

ORDERING INFORMATION

SFOD 7 ODP*		Example: SFOD 7 ODP BK 2V	
Series	Color	Min Dim Level**	
SFOD 7 ODP 360° Low Bay Coverage	WH White	0V Off	3V 3 VDC
	BK Black	1V 1 VDC	4V 4 VDC
		2V 2 VDC	5V 5 VDC

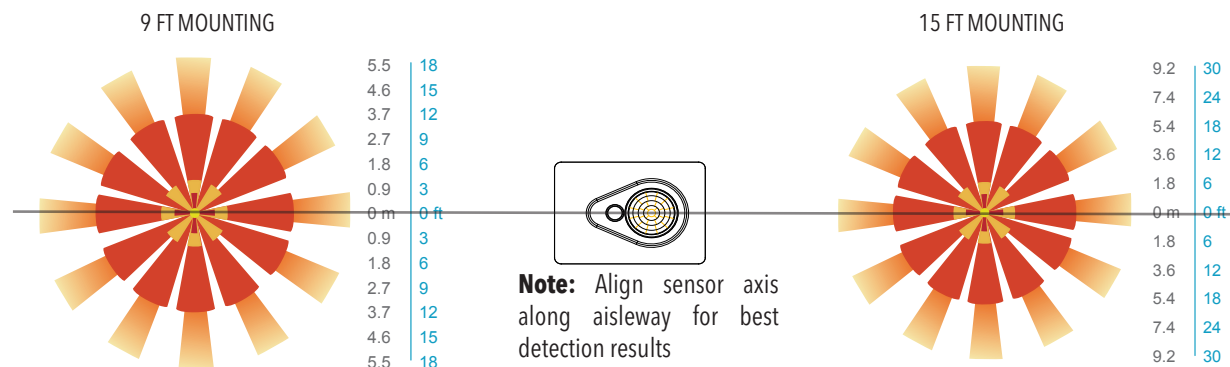
*Version without photocell available by leaving off "ODP"

** Level after motion time delay expires

COVERAGE PATTERN

MINI LOW BAY 360° LENS

- Recommended for walking motion detection from mounting heights between 8 ft (2.44 m) and 20 ft (6.10 m)
- Initial detection of walking motion along sensor axis at distances of 2x the mounting height up to 15 ft (4.57 m) and 1.75x up to 20 ft (6.10 m).
- Provides 12 ft (3.66 m) radial detection of small motion when mounted at 9 ft (2.74 m)
- Initial detection will occur earlier when walking across sensor's field of view than when walking directly at sensor



When used in a wall mounted luminaire (e.g. sconce), 180° degrees of detection will occur.



WIRING (DO NOT WIRE HOT)

- YELLOW** - (+)12VDC
VIOLET - Low Voltage Dimming Output (0-10 VDC)
GRAY - Low Voltage Common

STANDARD WIRING

