

OVERVIEW

The VERTEX series of fixture integrated occupancy sensors with dimming photocells are ideal for standalone industrial lighting control applications. The VERTEX sensor is designed to be used with eldoLED or similar LED drivers with 0-10 VDC, 12-24 VDC auxiliary power and stand-by mode.

Flexibility to change settings with the Acuity VLP mobile device app using Flash Programming or optional Bluetooth communication. The versatile VERTEX sensor is optimized to perform at a variety of mounting heights typical of industrial applications. A stow-able lens shield can be positioned to mask areas where detection is not needed.

VERTEX's small footprint and color options enable seamless integration into the luminaire without disrupting aesthetics or requiring additional mounting space.

SPECIFICATIONS

PHYSICAL SPECS

- Size: 1.09" L x 0.67" W x 0.65" H (27mm x 17mm x 16mm)
- Weight: .06 oz.
- Mounting Hole Diameter: .625" (16mm)
- Direct digital communication with eldoLED or similar LED drivers ensures reliable dimming and control

ELECTRICAL SPECS

- Voltage: 3.3V - 5V
- Minimum Load: 5mW

ENVIRONMENTAL SPECS

- Standard Operating Temperature: -10°C - 70°C
- LT Operating Temperature: -40°C - 70°C
- Relative Humidity: 20 to 90% non-condensing

DEFAULT SETTINGS

/ INSTRUCTION SHEET

VERTEX Fixture Integrated Occupancy Sensor with Dimming Photocell



	OCCUPANCY TIME DELAY	DIM TO OFF TIME DELAY	PHOTOCELL MODE	PHOTOCELL SETPOINT	LOW TRIM	HIGH TRIM
VERTEX XX OCC	10 MINUTES	N/A	DISABLED	N/A	N/A	100%
VERTEX XX HL	10 MINUTES	2.5 MINUTES	DISABLED	N/A	10%	100%
VERTEX XX ADC	10 MINUTES	N/A	ON/OFF AND AUTO-DIMMING ¹	50FC	10%	100%
VERTEX XX ANL	10 MINUTES	STAY AT DIM (NEVER OFF)	ON/OFF AND AUTO-DIMMING ²	50FC	10%	100%

1. Auto-Dimming means the photo-cell will automatically dim and/or turn off fixture pending setpoint value.

2. Semi Auto Dimming means the photo-cell will automatically dim but will not turn the fixture off pending setpoint value.