

FEATURES

ROAM DIAGNOSTICS OVERVIEW

- Fixture malfunction (lamp, ballast or starter failure)
- Cycling
- Dayburner
- No report (communication, power or equipment failure)
- Unspecified malfunction
- Power (power factor, KWH, voltage or power quality alerts)

SPECIFICATIONS

WIRELESS ENABLED COMMUNICATION

- 2.4GHz -IEEE 802.15.4 compatible
- FCC part 15 approved
- Range - 1,000 foot clear line of sight

WIRELESS CONTROL

- Remote on/off/dim control
- Grouped scheduling (energy savings)
- Silicon light sensor, 1.5fc turn-on, 2.25fc turn-off
- 25-1,000 watt fixtures; Voltage 70-305VAC 50/60Hz
- 1060J MOV - 10KA amp surge protection
- Zero cross relay switching for superior inrush protection
- Average Power consumption 1.6 watts
- Maximum Power consumption: 2.2 watts
- Complies with ANSI C136.10, ANSI C136.41, and FCC part 15
- -40 to +70°C ambient
- ANSI- Standard 2 to 5 second turn off delay
- Automatically determines and reports fixture voltage and wattage
- Automatically determines lamp type (HID vs LED)
- Automatically determines if fixture is dimming enabled including low/high fixture wattage limits

REVENUE GRADE ENERGY MEASUREMENT

- Accuracy class of 0.5% per ANSI C12.20
- Dedicated energy computation processor
- Dedicated non-volatile memory
- Revenue grade energy measurement (0.5%) and reporting

INTEGRAL DIMMING (OPTIONAL)

- ANSI C136.41 compliant dimming interface
- 0-10 Volt Dimming
- Eliminates need for ROAM DCM module inside fixture
- Supports up to 5 drivers (2 mA per driver) sink or source operation

ON-BOARD GPS (OPTIONAL)

- Activation free installation
- Automatically determines and reports GPS location. Sub 2 meter accuracy typical

Warranty

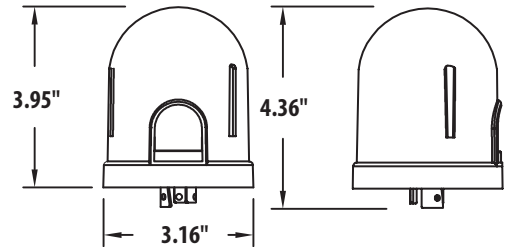
Three-year limited warranty. Complete warranty terms located at:

www.acuitybrands.com/support/customer-support/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.



REN127/347/480 DV



ORDERING INFORMATION

REN127 DV						Example: REN127 DV1 0 J50*					
Model & Voltage		Color	Certifications		Dimming Options		GPS		Job Packs ⁵		
REN127	120-277V (70 - 305)	DVX	ANSI STD ¹ (by voltage)	A	C-UL-US ³	0	0-10V Dimming	G	GPS Enabled ⁴	[blank]	1 Unit
REN347 ⁶	347V	DV1	Black ²	[blank]	No Listing Required			[blank]	No on-board GPS	J50	50 Count Pack
REN480	480V									M50	50 Master Pack

*For use with ROAM and ROAMview Systems.

1. 120-277- Blue, 347 - Green, 480 - Yellow, All UL versions will conform to ANSI color.
2. Black cover cannot be provided with any agency listings.
3. Cover color will conform to AN SI color std (by voltage).

4. Must order 50 Master Pack (M50). Functionality not available with ROAMview.
5. Job Pack only determines packaging type. In order to receive 50 units, order line must include quantity 50.
6. 347 volt models only available with agency listings. See note 1.

Stocked Model Numbers

Model #	Description
REN127 DV1 0 J50	Multi-volt, Black Cover, Non-CULUS Listed, 0-10V Dimming
REN127 DV1 0 G M50	Multi-volt, Black Cover, Non-CULUS Listed, 0-10V Dimming, GPS Enabled
REN127 DVXA 0 J50	Multi-volt, Blue Cover, CULUS Listed, 0-10V Dimming
REN480 DV1 0 J50	480V, Black Cover, Non-CULUS Listed, 0-10V Dimming
REN480 DVXA 0 J50	480V, Yellow Cover, CULUS Listed, 0-10V Dimming

Models not listed above are subject to standard lead-time.