

OVERVIEW

OpenADR is a standard protocol that electrical utility providers can use to communicate demand response signals using a common language over Internet. The nADR client allows an nLight and/or XPoint Wireless system to integrate with an OpenADR 2.0a Demand Response Automation Server (DRAS). This device functions by communicating with a configured OpenADR DRAS to retrieve live power demand information from the utility company and automatically activate load shed profiles according to pre-configured user settings. The device supports four demand response levels: None, Moderate, High and Special; allowing a user to define load shed strategies for each mode. nADR requires an nLight ECLYPSE or nGWY2 to activate load shed Profiles on nLight and/or XPoint Wireless systems.

FEATURES

- Automated demand response and load shed capabilities for nLight and/or XPoint Wireless systems. System IT requirements outlined on the [nLight resources page](#)
- Listed on the [OpenADR certified product database](#)
- Enables CA Title 24 compliance¹
- Enables LEED Version 4 compliance. Qualifies building for a 2-point credit²
- Acuity Controls Virtual End Point (VEN)³ to Open Automated Demand Response 2.0a (OpenADR) Demand Response Automation Server (DRAS)
- Supports four demand response levels (None, Moderate, High, Special)
- Supports integration through proxy servers, if required

NOTES

1. The code states that demand responsive controls and equipment shall be capable of receiving and automatically responding to at least one standards-based messaging protocol such as OpenADR. For example, in response to a DR signal, buildings larger than 10,000 square feet will have to automatically reduce their lighting power by at least 15 percent below the building's maximum lighting power.
2. LEED V4 Demand Response Requirements – <http://www.usgbc.org/node/2613001?return=/credits>.
3. A VEN is also referred to as a DRAS client; Acuity Controls supports the OpenADR simpleDRAS client mode

SPECIFICATIONS

Size:	2.76" W x 1.06" H x 3.94" D (7.0 cm x 2.7 cm x 10.0 cm)
Mounting:	Wall-mountable via screws
Ports:	Micro USB Power Connector, 1 x 10/100 BaseT Ethernet
Electrical Power:	DC 5V 1500mA (1.5A) Supplied with UL listed 110VAC adapter power supply

RoHS Compliant, Title 24 System Component

Warranty

Three-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



This item is an A+ capable component, which has been designed and tested to provide out-of-the-box luminaire compatibility with simple commissioning, when included as part of an A+ Certified™ Solution. To learn more about A+, visit www.acuitybrands.com/aplus.

AcuityControls™

nLight®

nADR Demand Response Client Interface



ORDERING INFORMATION

nADR		Example: nADR L400
Series		
nADR L400	Supports up to one (1) nLight ECLYPSE or nGWY2 L400	
nADR	Supports up to five (5) nLight ECLYPSE controllers or (5) nGWY2/nGWY2 L400 gateways	