

OVERVIEW

The nLight® AIR rPODL is a wireless, line-powered wall switch that provides a user with local control of a lighting zone. These single gang decorator style devices have soft-click buttons and a green LED indicator for each button. The rPODL wall switches communicate with other nLight AIR devices via radio frequency (RF). A line-powered wall switch can work with any nLight AIR enabled fixture or power pack to provide toggle switch operation with optional multi-pole control. Wall switches with the DX option have the added ability to adjust the level of any nLight AIR controlled dimmable light fixture.

FEATURES

- Communicates with nLight® AIR devices via radio frequency (RF) in the 900MHz spectrum
- Soft-click push-button control
- Remotely configurable/upgradeable
- Custom button engraving at no charge (WH, IV, AL GY units only)
- Single pole or two pole on/off control
- Single or two pole raise/lower control
- Wireless multi location dimming

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.



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.

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AcuityControls™

nLight®

nLight® AIR
rPODL:
Line powered
Wall Switch



nLight® AIR Platform



Note: nLight® AIR devices are only compatible with other nLight AIR enabled devices; and is not cross compatible with other nLight product lines at this time.

ORDERING INFORMATION

Example: RPODL 2P DX MVOLT WH G2							
Series	Poles & Scenes		Dimming Control		Voltage		Generation
RPODL	[blank]	Single Pole	[blank]	On/off Control	MVOLT	120-277 VAC	G2 Generation 2 Compatibility
	2P	Two Pole	DX	On/off + Raise/Lower Control	347	347 VAC	

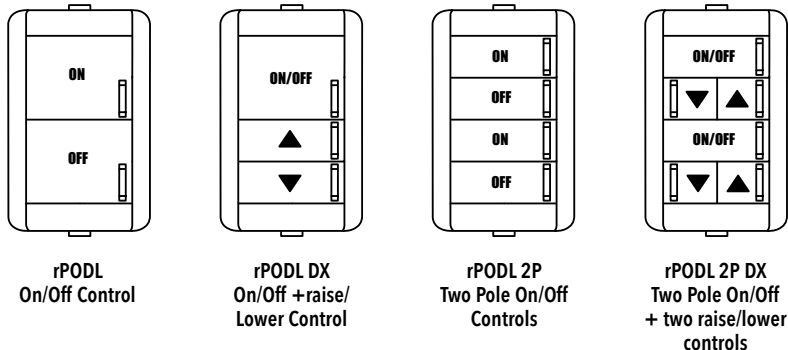
SPECIFICATIONS

Dimensions	2.74" H x 1.63" W x 1.78" D (6.96 cm x 4.27 cm x 4.52 cm)
Weight	4.25 oz
Mounting	Single Gang Switch Box or Low Voltage Ring
Color	White, Ivory, Lt. Almond, Gray, Red, Black
Operating Temperature	0C to 60C (Indoor Use Only)
Relative Humidity	Standard: 20 to 75% non-condensing
Input Power	< 1 watt
Radio Frequency	Dual Radio: 900Mhz & 2.4GHz
RF Transmit Power	900Mhz: +20dBm; 2.4GHz: Variable
Wireless Standard	900MHz: IEEE 802.15.4-based 2.4GHz: Version 4.0+ of the Bluetooth specification
Security	Application Data Encryption: AES-128 bit Mutual Entity Authentication Message Confidentiality Message Authentication and Replay Prevention Limited Anonymity Complies with California Civil Code Title 1.81.26, Security of Connected Devices, approved under Senate Bill No. 327 (2018)
Regulatory Compliance	FCC, IC, IFETEL, cULus RoHS
Programming Tool	Clarity PRO Mobile App

CUSTOM ENGRAVING

- Default button labeling is shown on below.
- Custom lettering for WH, IV, AL, and GY units can be specified and ordered at no charge at:
<http://www.acuitybrands.com/-/media/Files/Acuity/Products/Controls/nLight/NGRAVE%20110%20pdf.pdf?la=>.
- To ensure color uniformity, ordering templates facilitate specifying all buttons on a unit as custom lettered. Replacing single buttons not recommended.
- Buttons may ship separately and require field installation

DEFAULT LABELING



WIRING

