

OVERVIEW

The nLight® AIR rPODL xS Series WallPods™ are wireless, line-powered wall switches that provide two and four preset scene control, with optional single zone on/off/dimming control. These single gang decorator style devices have soft-click push-buttons and a green LED indicator for each button that light up to confirm when pressed. The rPODL wall switches communicate with other nLight AIR devices via radio frequency (RF) after assigning to a group with the CLAIRITY™+ mobile app. A line-powered wall switch can work with any nLight AIR enabled fixture or power pack group to provide preset scene control and optionally on/off/dimming control of a single zone.

FEATURES

- Communicates with nLight AIR devices via radio frequency (RF) in the 900MHz spectrum
- Soft-click push-button control with LED feedback upon press
- Custom button engraving at no charge (WH, IV, AL GY units only)
- 2 or 4 preset scene control
- Maximum of 16 total preset scenes per nLight AIR group
- All devices within nLight AIR group are controlled by the preset scene
- Default preset scenes after assigning preset scene selectors to a nLight AIR group using CLAIRITY+:
 - 100% ("2S" & "4S" Options)
 - 66% ("2S" & "4S" Options)
 - 33% ("4S" Option Only)
 - Off ("4S" Option Only)
- Presets can be overridden through 5-10 second push-and-hold of appropriate preset scene button, storing the current individual fixture/power pack light level as the new preset scene
- Optional single zone on/off and raise/lower control ("DX" option)
- Wireless multi location preset scene recall and on/off/dimming control – if multiple preset scene switches are part of the same nLight AIR group, the switches will recall the same preset scenes (i.e. multi-way control)

Warranty

Five-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

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

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nLight® AIR rPODL xS

Line powered preset
scene 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 4S DX MVOLT WH G2									
Series	# of Scenes	Dimming Control	Voltage	Color	Generation				
RPODL	2S	Two Preset Scene Control	[blank] Preset Scenes Only	MVOLT 120-277 VAC	WH White	G2	Generation 2 Compatibility		
	4S	Four Preset Scene Control	DX Preset Scenes + Single Zone On/Off/Raise/Lower Control	347 347 VAC	IV Ivory				
				AL Light Almond					
				GY Gray					
				RD Red					
				BK Black					

SPECIFICATIONS

Electrical	Input Power	< 1 watt
Mechanical	Dimensions	2.74"H x 1.63"W x 1.78"D (70mm x 41mm x 45mm)
	Weight	4.25 oz
	Mounting	Single-Gang Switch Box or Low Voltage Ring
	Standards/ Ratings	cULus, RoHS
Environmental	Warrantied Operating Temperature	0 to 60°C (Indoor Use Only)
	Relative Humidity	20 to 75%, Non-Condensing
Wireless	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)	
	Standards/ Ratings:	FCC ID: 2ADCB-RMODIT3 IC: 6715C-RMODIT3 IFETEL: RCPNLLN20-2057

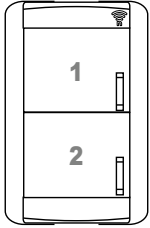
PROGRAMMING

- Add preset scene selector to the appropriate nLight AIR group using the **CLAIRITY+** app. If the unit includes the "DX" option, assign the switch to a zone for on/off/raise/lower control. After assigning, preset scenes buttons will automatically operate under the following default settings:
 - rPODL 2S (DX)
 - Preset Scene button 1 is set to 100%
 - Preset Scene button 2 is set to 66%
 - rPODL 4S (DX)
 - Preset Scene button 1 is set to 100%
 - Preset Scene button 2 is set to 66%
 - Preset Scene button 3 is set to 33%
 - Preset Scene button 4 is set to OFF
- The preset scene levels can be changed by first adjusting the light level of the nLight AIR devices in the group with either the unit's raise/lower buttons (i.e. rPODL 2S DX, rPODL 4S DX), via additional on/off/raise/lower rPODL or rPODB in the group, or through SensorView if the nLight AIR group is networked to an nLight ECLYPSE™. All devices in the nLight AIR group (i.e. nLight AIR enabled fixtures, power packs) can be set to the same or different levels, and ALL devices in the group must be included in the preset scene (i.e. devices must be set to off, or a level between 1 – 100%, and cannot be excluded from the preset scene).
- Once lights are at a desired level, hold the appropriate preset scene button for 5 seconds. Once the button begins flashing rapidly, release to save the new preset scene. All lights will dim down and back up to identify that the preset scene level has saved successfully.

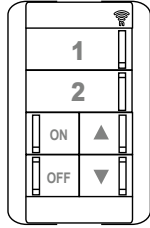
CUSTOM ENGRAVING

- Default button labeling is shown below.
- Custom lettering for WH, IV, AL, and GY units can be specified and ordered at no charge at: <https://www.acuitybrands.com/brands/lighting-controls/-/media/abl/acuitybrands/files/nlight/ngrave-110-pdf.pdf>.
- To ensure color uniformity, ordering templates facilitate specifying all buttons on a unit as custom lettered. Replacing single buttons not recommended.
- Custom buttons will ship separately and require field installation

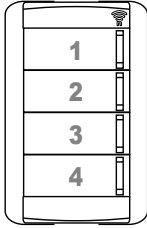
DEFAULT LABELING



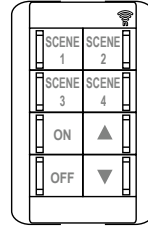
rPODL 2S
2- Preset Scene Control
Default Scenes:
1 - 100%
2 - 66%



rPODL 2S DX
2- Preset Scene Control
with On/Off/Raise/Lower
Default Scenes:
1 - 100%
2 - 66%



rPODL 4S
4- Preset Scene Control
Default Scenes:
1 - 100%
2 - 66%
3 - 33%
4 - Off



rPODL 4S DX
4- Preset Scene Control
with On/Off/Raise/Lower
Default Scenes:
1 - 100%
2 - 66%
3 - 33%
4 - Off

WIRING

