

Datasheet

Nano Dimmer Air US

Part No: 100499



About the product

The Nano Dimmer Air US integrates LED lamps, incandescent bulbs and more into the Loxone ecosystem. Thereby they can become part of lighting moods, alarm lights, all-off-scenes and much more. An optional plug-on module enables a variety of further control options in the Loxone system.

Features:

- Freely programmable dimmable output
- Expandable with controls via plug-in connector

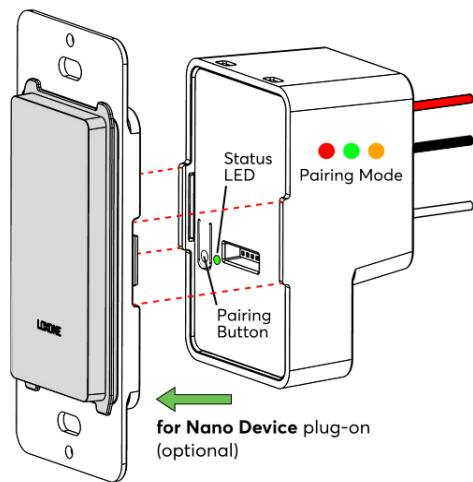
Technical Data

Mains voltage	120VAC +-10% / 60Hz
Power consumption	typ. 0.5W
Power loss	max. 2W
Dimmable output (trailing-edge)	2-Wire min. load: 25W 3-Wire min. load: None resistive load (Incandescent/Halogen): max. 250W capacitive load (LED): max. 200VA.
Loxone Air Interface Frequencies & Channels	915MHz (ISM Band Region 2), 10 channels, max. 13.2mW internal antenna
Ambient temperature	-20 ... 40°C / -4 ... 104°F
Humidity	max. 90% r.H. (non condensing)
Ingress protection	IP20

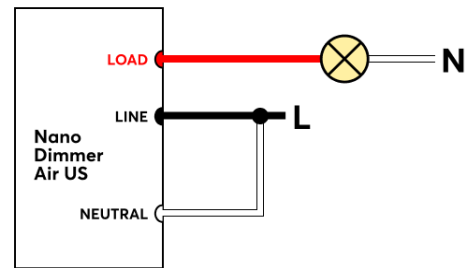
Connections

	Connection cables	Lever connectors
Wire cross-section	1.5mm ² / AWG16	1.5 ... 4mm ² / AWG16 ... 12
Stripping Length	11mm / 0.43"	11mm / 0.43"
Temperature Resistance	90°C / 194°F	max. 85°C / 185°F
Cable length	160mm / 6.3"	-

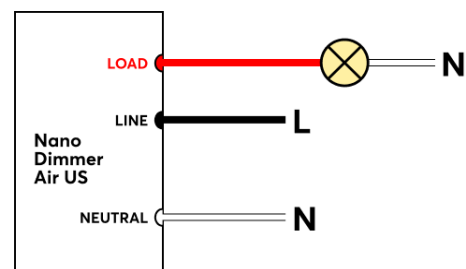
Connection Diagram



2-Wire Configuration



3-Wire Configuration

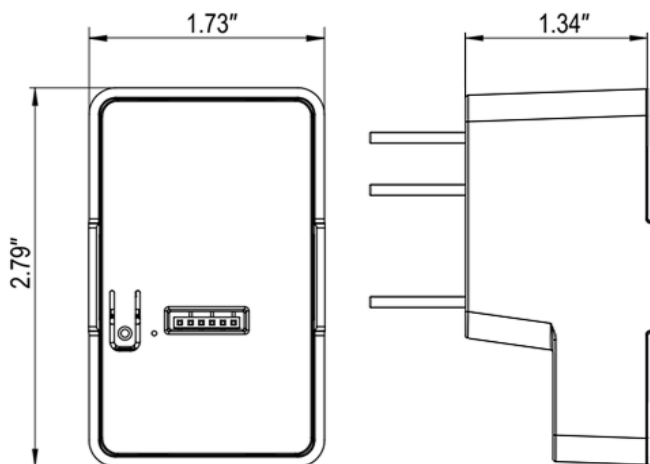


Product Characteristics

Mounting type	1 Gang Box or larger electrical enclosure
Connecting method	with enclosed Lever connectors
Colours	Green RAL6018
Finish	Matte

Weight & Dimensions

Net weight	64g
Total weight	106g
Product dimensions	2.79x1.73x1.34" (LxWxH)



Pack size	4.53x3.35x1.97" (LxWxH)
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Certifications & Standards

Operation	Type 1
Degree of Pollution	2
Software Class	A
Overvoltage Category	Category III
Rated Impulse Voltage	2.5kV (max. Altitude 2000m)
Certifications	UL60730-1 

Installation must be carried out by a qualified electrician in accordance with the applicable regulations.

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