Catalog Number: | Date: | Project:

OVERVIEW

The nTS Touchscreen by nLight® is a 7" LCD capacitive touchscreen wall station that leverages an intuitive user interface to configure and control nLight Wired or nLight AIR controlled spaces. Developed with end users in mind, the nLight Touchscreen is an easy-to-install wall station that enables seamless control of luminaires and other nLight devices through virtual switches, sliders, and scene buttons behind a multi-level user access architecture.

FEATURES

- 7" full-color responsive capacitive touchscreen
- Sleek, customizable dashboard that supports creation and customizable grouping of up to 128 switches and scenes†
- User-selectable Light or Dark mode for preferred viewing
- Proximity sensor for automatic screen "wake-up"
- Offers direct local control of either nLight Wired or nLight AIR devices. Connects with an nLight® ECLYPSE™ to control both
- Supplies 40mA of nLight bus power per RJ-45 port
- Multi-level pin protection for user and Bluetooth® access
- Configurable via CL**AIR**ITY ™+ mobile app, and SensorView software
- Enables wireless control of lights and scenes through the MyPersonify™ mobile app
- Simple installation and maintenance with tool-less locking and unlocking mounting ring
- Optional locking-tabs for tamper-proof installation

Government Procurement

BAA – Buy America(n) Act: Product with the BAA option qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product with the BAA option also qualifies as manufactured in the United States under DOT Buy America regulations.

BABA – Build America Buy America: Product with the BAA option also qualifies as produced in the United States under the definitions of the Build America, Buy America Act.

Please refer to www.acuitybrands.com/buy-american for additional information.

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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nTS Touchscreen

7" Touchscreen Wall Switch





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ORDERING INFORMATION

			Example: nTS 7IN WH
Switch	**Power Supply Type**	**Color**	**Buy America(n)[1]**
nTS 7IN	[blank] Includes FCS PS10 NPWS No Power Supply	WH White BK Black	[blank] Standard BAA[1] Buy America(n) Act and/or Build America Buy America Qualified

† Programming Notes: Switches can be programmed to control up to 16 local channels and 128 global channels. For local channels and preset scenes, dimming sliders will reflect the updated dim level if changed by another device. For global channels and preset scenes, dimming sliders will not reflect the dim level if changed by another device unless an output device (power pack, nLight enabled fixture, dimming relay, etc.) tracking the global channel or preset scene is in the same local nLight zone as the nTS Touchscreen.

Notes:

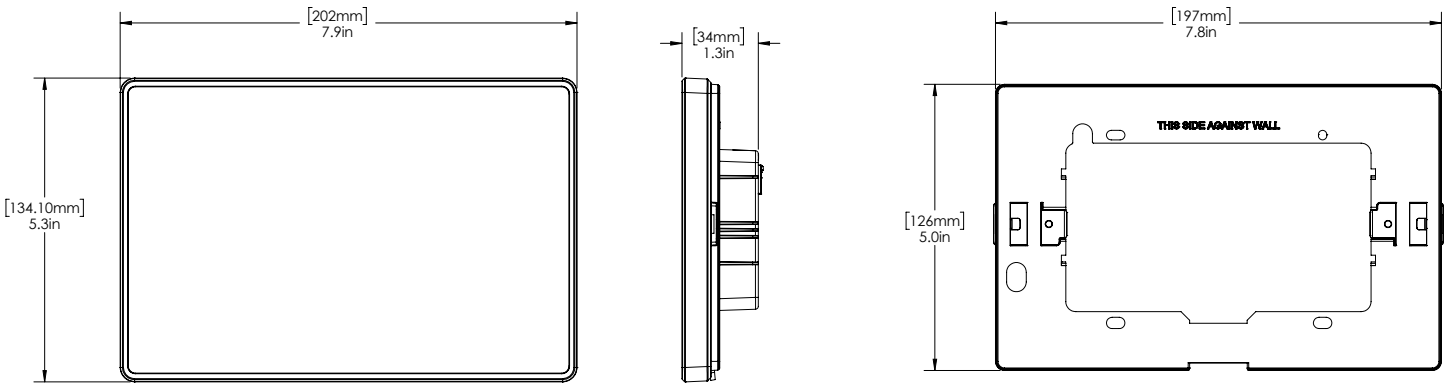
1. BAA variants do not include Bluetooth or 900MHz capabilities and cannot directly communicate with nLight AIR devices.

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SPECIFICATIONS

Electrical	**Input Ratings**	18VDC-28VDC; 7W max @ 24 VDC Output, Class 2 Circuit (via included FCS PS10 power supply)
	Low Voltage Output Ratings	15VDC, 40mA per RJ-45 Port (80mA total)
	Standards/Ratings	Energy Management Equipment, FCC Rules Part 15 Subpart B Class B
	Radio Frequencies	900 MHz up to +20dBM, 2.4 GHz up to +10 dBM **NOTE:** Not applicable to BAA variants
	Wireless Standard	900 MHz: IEEE 802.15.4 based 2.4 GHz: Version 4.0+ of the Bluetooth specification **NOTE:** Not applicable to BAA variants
Mechanical	**Dimensions**	5.3"H x 7.9"W x 1.3"D (134.1mm x 202mm x 34mm)
	Mounting	3-Gang Box (metal junction box required) or Low Voltage Ring
	Connection Type	RJ-45 nLight Network Ports (2) Low-Voltage Terminals
	Color:	White, Black
Environmental	**Warrantied Operating Temperature**	32°F to 104°F (0°C to 40°C)
	Relative Humidity	Up to 90%, Non-Condensing
	Standards/ Rating	RoHS, UL916
General	**Standards/ Rating**	System Component to aid in compliance with Title 24, ASHRAE 90.1, IECC
	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	FCC ID: 2ADCB-RMODIT3 IC: 6715C-RMODIT3 IFETEL: RCPNLNL20-2057 cULus Listed (E228719)
	Applications	CL**AIR**ITY+ for device association and configuration MyPersonify™ for user control of lights and scenes

DIMENSIONS



nTS 7IN **Mounting Bracket**

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