

ZC Series Wallstations

Multi-Zone Controller Wallstation Series

Date: _____

Quantity: _____

Company: _____

Project: _____



The Encelium ZC Zone Controller Wallstation series is a multi-zone Wallstation that offers software configurable lighting control that provides ON/OFF switching for multiple lighting zones. It is generally located at entry points to a floor or department and is used to activate or de-activate a lighting zone.

Wireless Wallstations enables convenient control and desired lighting levels by communicating user inputs to an Encelium Wireless Manager. They are intended to be installed onto a wall surface or electrical box with functionality options dependent on the model installed.

The ZC Wired Wallstations are low-voltage and connect to the Encelium X Lighting Management System through a GreenBus™ cable with 2-pin connectors.

Key Features & Benefits

- Available in either 3 Zone or 6 Zone configuration options
- The sleek, aesthetic designs are suitable for all interior locations
- Available in White, Ivory, Gray, and Black to suit a range of interior designs
- Available in both Wireless and Wired versions with simple installation with tool-less mounting
- Setup and configuration via Polaris™ software
- Wireless wallstation offer 10-year battery life with automatic battery monitoring via Polaris software
- Works with:
 - Encelium X
 - Encelium Extend

Specifications

SENSING AND CONTROL

Polaris Software

- Mapping/Remapping
- Combined scene & zone in one Wallstation
- Application of custom commands to individual Wallstation buttons¹

ELECTRICAL

Operating Temperature

- 14° – 104°F (-10° – 40°C)

Relative Humidity

- 5% – 95% non-condensing, for indoor locations

ENVIRONMENTAL

Ambient Temperature


- Ta maximum 140°F (60°C)

PHYSICAL

Dimensions (H x W x D)

- J-Box Mounted:
4.5 x 2.8 x 0.9 inch (114.3 x 70.1 x 23.9 mm)
- Surface-Mount:
4.5 x 2.8 x 0.5 inch (114.3 x 70.1 x 12.7 mm)

Four Color Options

-  White
-  Ivory
-  Gray
-  Black

Mounting Options

- Standard size wall box mount
- On mounting brackets for low voltage devices
- Support for “Decorator” style wall plate installation

NEMA

- Meets WD 6 and WD 1

WARRANTY

- For warranty details, refer to the full warranty documentation at www.encelium.com

CERTIFICATIONS & SAFETY

Approbations

- cUL Listed (UL 916)
- FCC Part 15/ICES-003
- RoHS Compliant

Environmental Suitability

- Rated for dry locations²

Complies with Electromagnetic Compatibility (EMC) Standards:

- EN 61000-4-2
- EN 61000-4-4
- EN 61000-4-5



Ordering Information

Wired Wallstations

Item Number	Ordering Code	Description	Communication Network	Modifiers
45581	EN-WS-ZC3-GB2-WH	ZC Series Wallstation, 3 Zone	GreenBus	White – WH
45623	EN-WS-ZC3-GB2-IV	ZC Series Wallstation, 3 Zone	GreenBus	Ivory – IV
45628	EN-WS-ZC3-GB2-GR	ZC Series Wallstation, 3 Zone	GreenBus	Gray – GR
45643	EN-WS-ZC3-GB2-BL	ZC Series Wallstation, 3 Zone	GreenBus	Black – BL
45593	EN-WS-ZC6-GB2-WH	ZC Series Wallstation, 6 Zone	GreenBus	White – WH
45624	EN-WS-ZC6-GB2-IV	ZC Series Wallstation, 6 Zone	GreenBus	Ivory – IV
45629	EN-WS-ZC6-GB2-GR	ZC Series Wallstation, 6 Zone	GreenBus	Gray – GR
45644	EN-WS-ZC6-GB2-BL	ZC Series Wallstation, 6 Zone	GreenBus	Black – BL

Wireless Wallstations

Item Number	Ordering Code	Description	Communication Network	Modifiers
45576	EN-WS-ZC3-ZB-WH	ZC Series Wallstation, 3 Zone	Zigbee	White – WH
45651	EN-WS-SC3-ZB-IV	ZC Series Wallstation, 3 Zone	Zigbee	Ivory – IV
45638	EN-WS-ZC3-ZB-GR	ZC Series Wallstation, 3 Zone	Zigbee	Gray – GR
45646	EN-WS-SC3-ZB-BL	ZC Series Wallstation, 3 Zone	Zigbee	Black – BL
45577	EN-WS-ZC6-ZB-WH	ZC Series Wallstation, 6 Zone	Zigbee	White – WH
45654	EN-WS-ZC6-ZB-IV	ZC Series Wallstation, 6 Zone	Zigbee	Ivory – IV
45639	EN-WS-ZC6-ZB-GR	ZC Series Wallstation, 6 Zone	Zigbee	Gray – GR
45649	EN-WS-ZC6-ZB-BL	ZC Series Wallstation, 6 Zone	Zigbee	Black – BL

Surface-Mount Kit

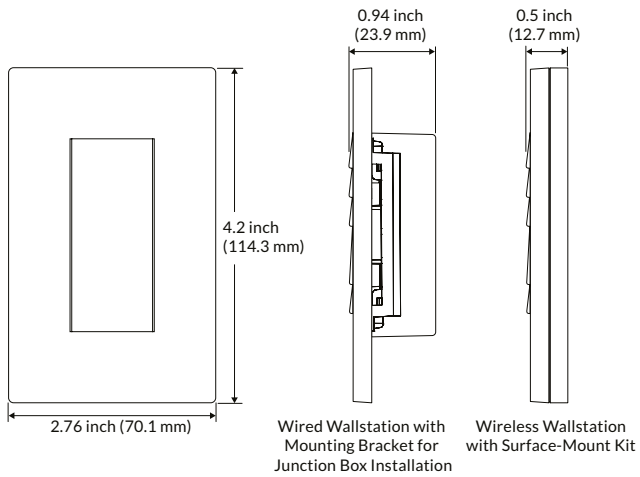
Item Number	Ordering Code	Description	Modifiers
45582	EN-SMK-ZB-WH	Surface-Mount Kit	White – WH

Footnotes:

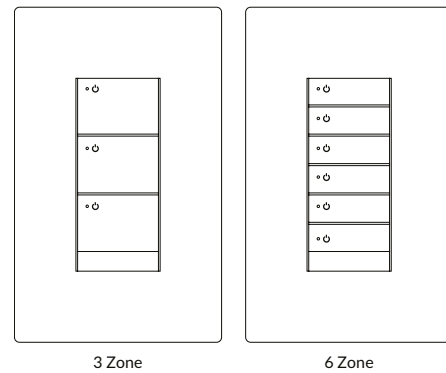
¹ To order custom buttons, contact your local Encelium sales representative.

² Powered by external DC power supply (Item #45428).

Dimensions

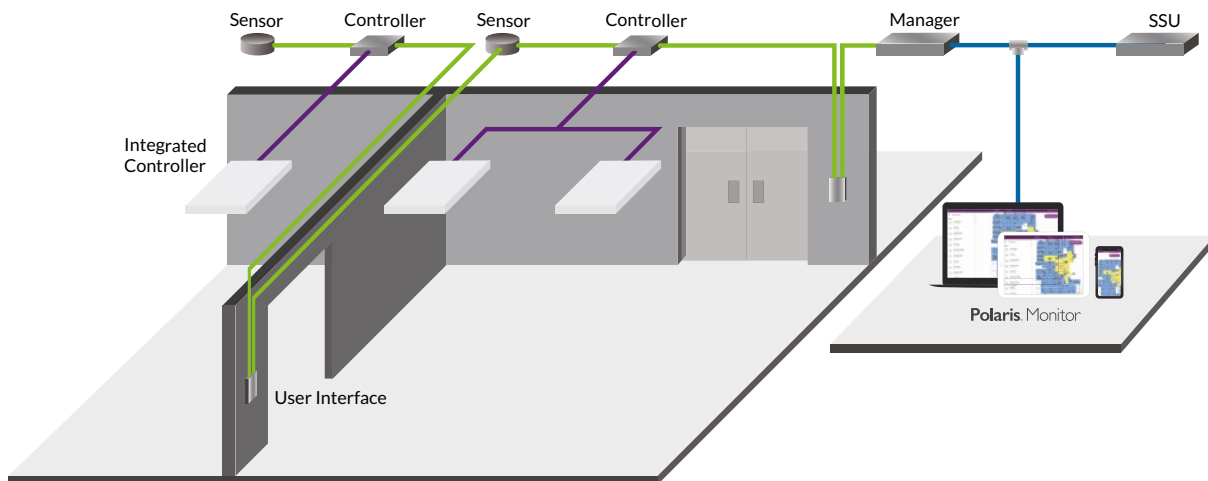


Configuration Options



Wired System Overview

GreenBus technology makes wiring fast and error-free, since it's intuitive to install. With Encelium X, you can control DALI devices exclusively or a mixture of GreenBus and DALI. With any Encelium wired design, you get a reliable, on-site light management system that can be installed quickly and easily.



Wireless System Overview

This illustration shows how each component is easily integrated into the Encelium X Networked Light Management System.

