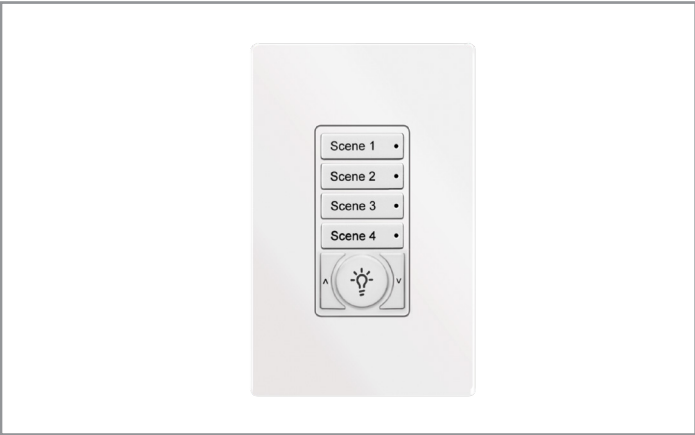


Project		Catalog #		Type	
Prepared by		Notes		Date	



Fifth Light

Digital Wallstation

Two wire digital, multi-scene wallstation

Typical Applications

Office • Education • Hospitality • Retail • Industrial • Manufacturing

Interactive Menu

- Ordering Information page 2
- Additional Resources page 3
- Wiring Diagrams page 3
- Product Warranty

Product Certification



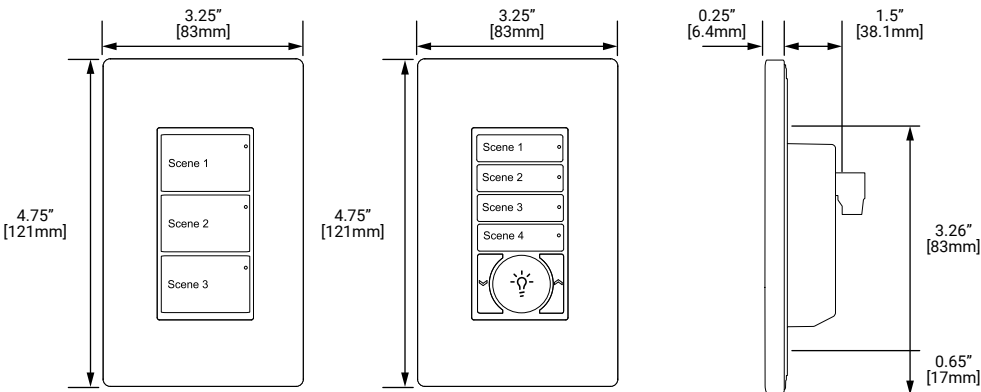
Product Features



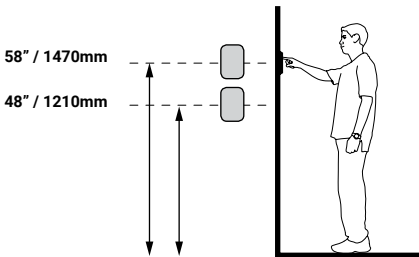
Top Product Features

- Powered from the Fifth Light two-wire local control bus
- Flexible configuration of zones, scenes, areas with raise/lower
- Decorator style color match wallplate included
- Options to meet Buy American Act requirements

Dimensional Details



Mounting Height



- 10 standard button configurations
- Mounts to standard NEMA style Backbox, standard decorator insert size

additional product diagrams

Order Information

SAMPLE ORDER NUMBER: **FDW-2TLB-RL-W**

This is an accessory for Fifth Light. When ordering, specify the wallstation as a separate system accessory.

Note: For custom configurations or custom engraving, use the configurator tool within the FlashPro tool.









Catalog Number

Domestic Preferences ⁽¹⁾	Series	Number of Buttons	Button Size	Raise/Lower/ON/OFF	Color	Button Engraving
[Blank] = Standard BAA = Buy American Act	FDW = Digital Wallstation	1-3 = Large Buttons (TLB), no Raise/Lower, ON/OFF 1-2 = Large Buttons (TLB), Raise/Lower/ON/OFF 4,5,6 = Small Buttons (TSB), no Raise/Lower/ON/OFF 4 = Small Buttons (TSB), Raise/Lower/ON/OFF	TLB = Large Buttons TSB = Small Buttons	Blank = No Raise/Lower/ON/OFF RL = Raise/Lower/ON/OFF	W = White B = Black V = Ivory G = Gray	[BLANK] = Standard Engraving ENGRV = Customer Specified Engraving
Notes (1) Only product configurations with this designated prefix are built to be compliant with the Buy American Act of 1933 (BAA). Please refer to DOMESTIC PREFERENCES website for more information. Components shipped separately may be separately analyzed under domestic preference requirements. (2) DW includes standard "Scene" engraving and color matching screwless single gang wallplate.						

Buttons Only

Catalog Number

Series	Number of Buttons	Button Size	Raise/Lower/ON/OFF	Color	Button Engraving
FDW-BTS = Digital Wallstation - BUTTONS ONLY	1-3 = Large Buttons (TLB), no Raise/Lower, ON/OFF 1-2 = Large Buttons (TLB), Raise/Lower/ON/OFF 4,5,6 = Small Buttons (TSB), no Raise/Lower/ON/OFF 4 = Small Buttons (TSB), Raise/Lower/ON/OFF	TLB = Large Buttons TSB = Small Buttons	Blank = No Raise/Lower/ON/OFF RL = Raise/Lower/ON/OFF	W = White B = Black V = Ivory G = Gray	BLANK = Standard Engraving ENGRV = Customer Specified Engraving
			Notes For custom configurations or custom engraving, use the configurator tool within the FlashPro tool.		

Description	Image	Description	Image
1 Large Button FDW-1TLB-W		3 Large buttons ON/OFF FDW-3TLB-W	
1 Large Button Raise & Lower ON/OFF FDW-1TLB-RL-W		4 Small buttons FDW-4TSB-W	
2 Large buttons FDW-2TLB-W		4 Small buttons ON/OFF Raise & Lower FDW-4TSB-RL-W	
2 Large buttons Raise & Lower ON/OFF FDW-2TLB-RL-W		6 Small buttons FDW-6TSB-W	

*One single gang color matching wallplate included

Product Specifications

Functionality

- Integrated two wire communication interface
- All device settings (including timers and groups) are programmable through software, no physical adjustments needed
- Create virtual groups for flexible configurations and controls
- Draws power from communications bus to simplify wiring
- Suitable for standard single or multi-gang NEMA wall box with decorator style wallplates

Button Functionality

Buttons may be configured through the software as follows:

- Click Action:
 - Separate press and release actions can be programmed to control zones, scenes and areas as well as unique fade times and any action below.
- No Action
- Select Scene
- Zone Level
- Zone Toggle
- Zone Raise
- Zone Lower

Mechanical

Mounting: Standard decorator opening

Operating Environment: 32° F to 104° F (0° C to 40° C). For indoor use only

Electrical

Input Voltage: 9.5 VDC - 22.5 VDC supplied by the communication bus

Current Draw: 3.75 mA per device

Wiring: Two-wire, non-polarized control

Standards/Ratings

- Manufactured in an ISO 9001 certified factory
- Meets ASHRAE Standard 90.1 requirements
- Meets IECC 2015 requirements
- Meets CEC Title 24 requirements

Product Safety:

- IEC 60950-1
- UL 60950-1
- EN 60950-1
- CAN/CSA-C22.2 No. 60950-1

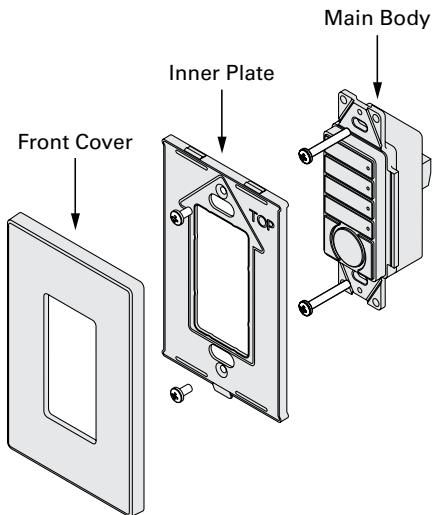
Warning

- This product is not intended to be used in applications involving the use of ammonia-based or VOC cleaners.
- Use of ammonia-based or VOC cleaners on this device must be avoided. Prolonged use may cause loss of integrity and expose electrified components. If this occurs, turn OFF power to the unit and replace.
- For detailed cleaning guidelines please refer to: Controls Care and Maintenance instructions at the end of this document.

Warranty

Five year warranty standard

Supplied Parts



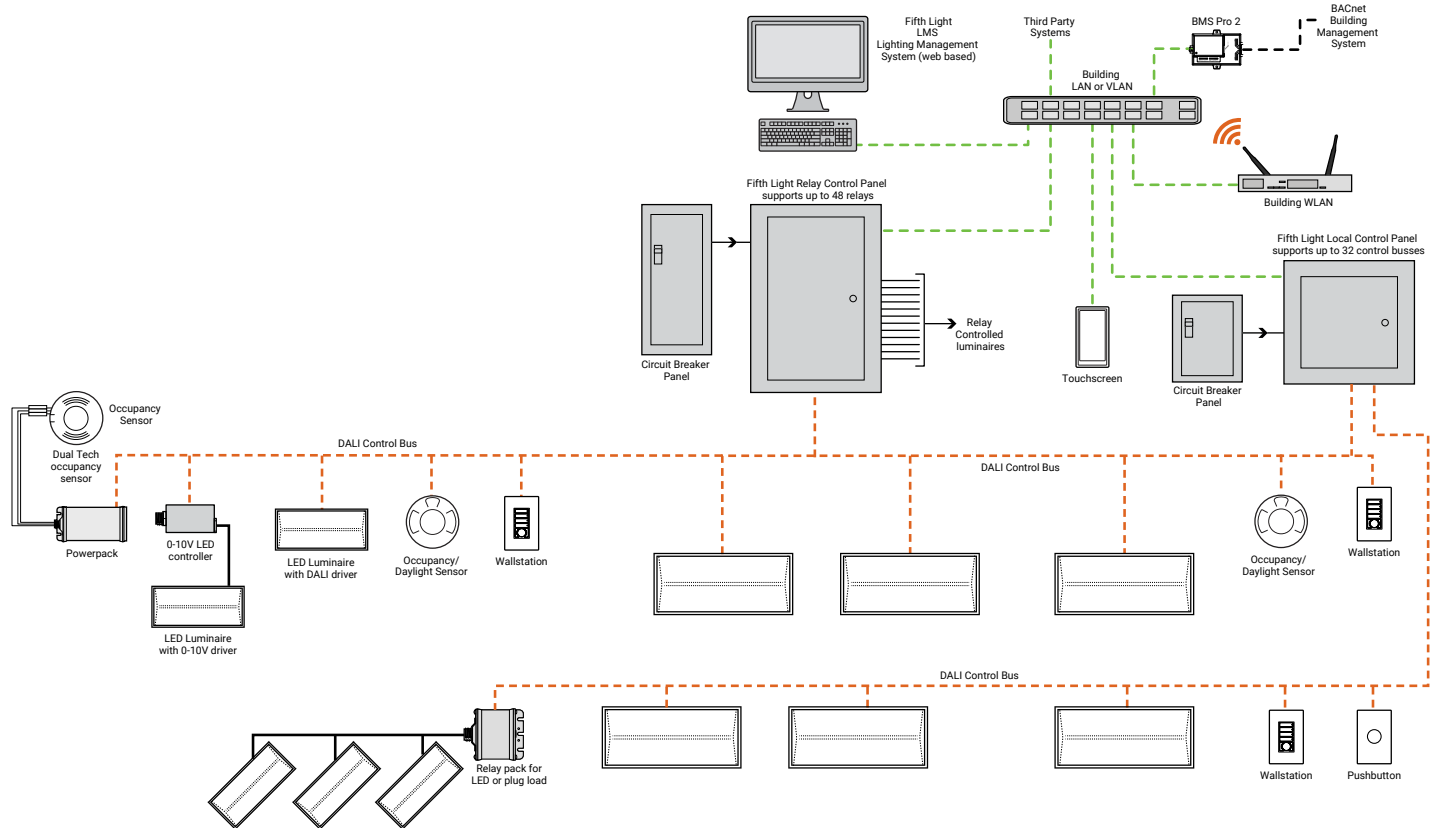
Overview

Cooper Lighting Solutions' two wire Digital Wallstation offers the specification grade range of wallstations, which combines the easiest user interface in the industry with a large circular On/Off button, a universal module with up to 10 button configurations, large or small button options and engraving. Designed to fit with standard decorator wallplates, Digital Wallstation can be ganged together to meet specific project needs. Individual buttons have backlight indicator lights and strong tactile feedback.

System Architecture

This diagram illustrates the main components of the Fifth Light system. The DALI wallstations, DALI multi-sensors, DALI field relay, DALI dimming module, DALI DAC and DALI dimmable drivers/ballasts communicate with the Lighting Control Panel over the DALI bus while the touchscreen communicates with the Central Manager via ethernet.

Complete Fifth Light system





Cooper Lighting Solutions has developed recommended guidelines for cleaning our products that will not impact the operation or finish of the product.

Recommended cleaning tips:

- **Never spray any fluids directly into the device.**
- **Use of ammonia-based or VOC cleaners on this device must be avoided.** Prolonged use may cause loss of integrity and expose electrified components. If this occurs, turn OFF power to the unit and replace.
- **Use a damp rag or single-use wipe** to avoid excess liquid penetrating the device.
- Be sure to wipe up remaining excess liquid after cleaning.
- Ensure the cleaning agent used does not have harsh chemicals such as bleach, ammonia, highly alkaline or concentrated acids (such as hydrochloric acid that can be found in household cleaners such as toilet bowl cleaners, bathroom tile and porcelain cleaners) as they could damage the device, causing them to become brittle and discolored.
- Cooper Lighting Solutions recommends the use of a mild liquid detergent and water to clean the devices. Single use wipes (e.g. Lysol brand or equivalent) are acceptable to use for cleaning the devices, however the single-use wipes **cannot contain bleach, ammonia, highly alkaline or concentrated acids.**

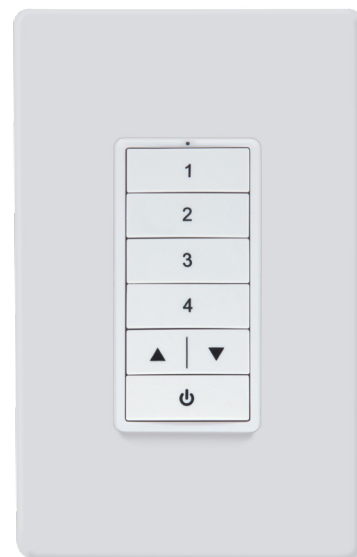


image for
reference only



WARNING

This product is not intended for use in applications involving the use of ammonia-based or VOC cleaners.

Prolonged use may cause loss of integrity and expose electrified components.

If this occurs, turn OFF power to the unit and replace.

Recommended cleaning instructions:

- **Never spray any fluids directly into the device.**
- Apply the mild liquid detergent to a damp cloth or paper towel. Single use wipes (e.g. Lysol brand or equivalent) are acceptable to use for cleaning the devices, however single-use wipes cannot contain bleach, ammonia, highly alkaline or concentrated acids.
- If excess liquid is present, remove by wringing out the cloth or paper towel to avoid liquid penetration into the device.
- Clean the Cooper Lighting Solutions device by wiping over the surface with the damp cloth.
- Remove an excess liquid remaining on the device with a dry cloth or paper towel.