

LUMINAIRE LEVEL LIGHTING CONTROLS SERIES

Wall Station Interfaces

This guide outlines key considerations every lighting professional should review when selecting and programming wall station interfaces.

For a typical end user, the most critical element of a lighting control system, like Luminaire Level Lighting Controls (LLLC), may be the wall station interface. These are usually the switches and dimmers with which end users interact. Wall station functionality will likely dictate the user's experience with the control system.

Switch stations are now available to perform many functions beyond the simple on/off we've come to expect from toggle switches. In most cases, specific button functionality is fully programmable and may be changed at any time.

Prior proper planning

Some upfront planning will pay dividends later in the project.

- Consistently labelling buttons or their face plates will simplify system use for all occupants and prevent confusion.
- Work with user groups to determine appropriate labels.
- Many manufactures will print custom space – zone – or scene names on wall stations at a reasonable cost.

Supporting the occupant

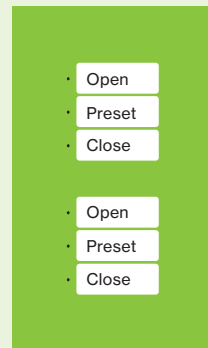
Explaining what a user can expect from a lighting control system, and how to interact with it, can be the difference between happy users and frustrating callbacks. Consider creating graphical cards or explanations that may be posted or provided to new users.

Wired or battery?

Wall stations generally communicate wirelessly with control systems via radio frequency (RF) signal. Most manufacturers are trending toward battery-operated wall stations, frequently featuring 10-year or more average battery life.

This significantly reduces material and labor costs, particularly in retrofit applications. Wall stations using 120V power are still available when battery stations are not preferred.

Put yourself in the shoes of a typical end user and ask the following questions:



Is the interface simple to operate and immediately understandable?

Is it unclear and potentially frustrating?

Does it require a user manual to operate the lights?

Is there a YouTube channel or easy online resource you could connect the user group with for future reference?



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