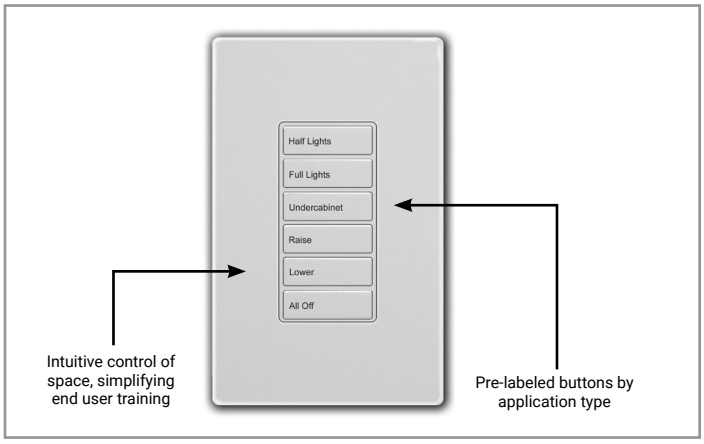
Project		Catalog #		Type	
Prepared by		Notes		Date	



Greengate

Zone Wallstation

Interactive Menu

- Order Information page 2
- Additional Resources page 3
- Wiring Diagrams page 4
- Connected Systems page 5
- Product Warranty

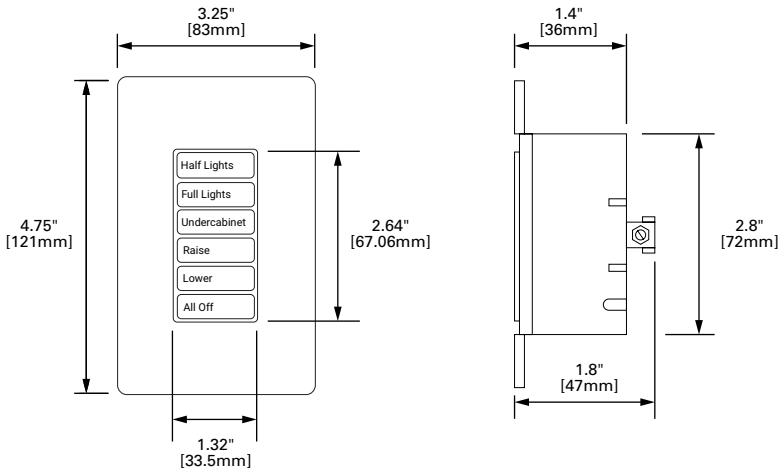
Product Certification

Product Features

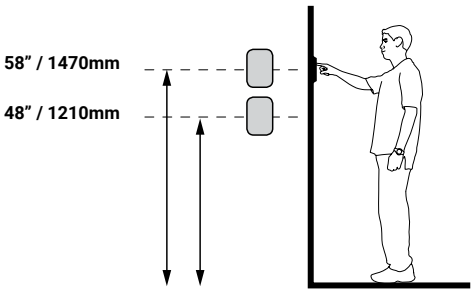
Top Product Features

- Low-voltage control for ON/OFF and dimming loads
- Pre-terminated control cable ready with RJ45 ports eliminate wiring errors
- Available in 2, 3, 4, 5, 6 button models designed to fit in decorator wallplates (included)
- Wallstations can be used for multi-way control
- Options to meet Buy American Act requirements

Dimensional Details



Mounting Height



additional product diagrams

Order Information

SAMPLE ORDER NUMBER: **RC-6TSB-OS3-W**

One single gang color matching wallplate is included in the package. Standard button engraving shown below. Engraving appears as black text on white, ivory, and gray buttons. Engraving appears as gold text on black buttons. If white engraved text is desired on black buttons use the configurator tool with the FlashPro software.

Domestic Preferences	Catalog Number	Number of Buttons	Button Engraving	Command Reference Table	Insert Color
[Blank] =Standard **BAA** = Buy American Act	**RC**	**1, 2, 3**=Large Buttons – TLB **4, 5, 6=** Small Buttons – TSB	**101** = Zone 1(1 TLB) **102** = Zone 2 (1 TLB) **103** = Zone 3 (1 TLB) **221** = Zone 1, Zone 2 (2TLB) **321** = Zone 1, Zone 2, All Off (3TLB) **331** = Zone 1, Zone 2, Zone 3 (3TLB) **531** = Zone 1, Zone 2, Zone 3, Raise, Lower (5TSB) **621** = All On, Raise 1, Lower 1, Raise 2, Lower 2, All Off (6TSB) **623** = Zone 1, Raise 1, Lower 1, Zone 2, Raise 2, Lower 2 (6TSB) **631** = Zone 1, Zone 2, Zone 3, Raise, Lower, All Off (6TSB) **ES1** = Entry, AI OFF (2TLB) **TS1** = General, Whiteboard, Quiet Time, A/V Mode, Raise, Lower (6TSB) **TS2** = General, Whiteborad, Quiet Time, Raise, Lower All OFF (6TSB) **TS3** = General, Whiteboard, Quiet Time, A/V Mode, All OFF (5TSB) **TS4** = General, Whiteboard, A/V Mode, Raise, Lower, All OFF (6TSB) **TS5** = Entry, General, Whiteboard, All OFF (4TSB) **TS6** = Entry, General, Whiteboard, Raise, Lower, All OFF (6TSB) **TS7** = Row 1, Row 2, Row 3, Raise, Lower, All OFF (6TSB) **TS8** = Uplights, Downlights, Accent, Raise, Lower, All OFF (6TSB) **TS9** = Entry, General, Quiet Time, Whiteboard, A/V Mode, All OFF (6TSB) **TS10** = Main, Whiteboard, A/V Mode, Raise, Lower, All OFF (6TSB) **HC1** = General, Exam, Reading, All OFF (4TSB) **HC2** = General, Exam, Reading, Raise, Lower, All OFF (6TSB) **OS1** = Half Lights, Full Lights, All OFF (3TLB) **OS2** = Half Lights, Full Lights, Raise, Lower, All OFF (5TSB) **OS3** = Half Lights, Full Lights, Undercabinet, Raise, Lower, All OFF (6TSB) **OS4** = All ON, All OFF (2 TLB) **ZAD** = Zone 1 UP, Zone 1 DN, Zone 2 UP, Zone 2 DN, Zone 3 UP, Zone 3 DN (6TSB) **Z1D** = Zone 1, Raise, Lower (3TLB) **Z2D** = Zone 2, Raise, Lower (3TLB) **Z3D** = Zone 3, Raise, Lower (3TLB	**101** = 1 **102** = 2 **103** = 11 **221** = 1, 2 **321** = 1, 2, 8 **331** = 1, 2, 11 **531** = 1, 2, 11, 6, 7 **621** = 16, 17, 18, 19, 20, 8 **623** = 1, 17, 18, 2, 19, 20 **631** = 1, 2, 11, 6, 7, 8 **ES1** = 1, 8 **TS1** = 2, 3, 5, 4, 6, 7 **TS2** = 2, 3, 5, 6, 7, 8 **TS3** = 2, 3, 5, 4, 8 **TS4** = 2, 3, 4, 6, 7, 8 **TS5** = 1, 2, 3, 8 **TS6** = 1, 2, 3, 6, 7, 8 **TS7** = 1, 2, 3, 6, 7, 8 **TS8** = 1, 2, 3, 6, 7, 8 **TS9** = 1, 2, 5, 3, 4, 8 **TS10** = 1, 3, 4, 6, 7, 8 **HC1** = 1, 2, 3, 8 **HC2** = 1, 2, 3, 6, 7, 8 **OS1** = 12,13, 8 **OS2** = 12,13, 6, 7, 8 **OS3** = 12, 13, 11, 6, 7, 8 **OS4** = 10, 8 **ZAD** = 17, 18, 19, 20, 21, 22 **Z1D** = 1, 17, 18 **Z2D** = 2, 19, 20 **Z3D** = 3, 21, 22	**W**= White **B**= Black **V**= Ivory **G**= Gray

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) For custom configurations or custom engraving, use the configurator tool within the FlashPro tool.
(3) For reference only. Commands will not be engraved onto station.

For Reference Only

Command #	Action
1	Toggle Load/Zone 1 (Also influences Receptacle Switchpack, Solatube, and Emergency)
2	Toggle Load/Zone 2 (Also influences Receptacle Switchpack)
3	Toggle Load/Zone 3
4	Toggle A/V mode B Scene 5
5	Disable/Re-enable Occupancy Sensor (After being disabled 60 minutes, the sensor automatically re-enables)
6	Raise all
7	Lower all
8	All Loads/Zones OFF
9	All Dimmers 50%, Relay 1 ON, Relay 2 OFF, Relay 3 unaffected DLVP-Zone 1=50%, Zone 2=OFF, Zone 3=unaffected
10	All Loads/Zones to 100% (Solatube closed)
11	Toggle Load/Zone 3 (influences Receptacle Switchpack)
12	Go to Scene 1
13	Go to Scene 2
14	Go to Scene 3
15	Go to Scene 4
16	All Loads/Zones ON
17	Raise Zone 1
18	Lower Zone 1
19	Raise Zone 2
20	Lower Zone 2
21	Raise Zone 3
22	Lower Zone 3

Product Specifications

Mechanical

Size: 4.75" H x 3.25" W (121mm x 83mm)

Environment:

- **Operating temperature:** 32°F to 104°F (0°C to 40°C)
- **Relative humidity operating:** Less than 95%, non-condensing
- For indoor use only

Connection Ports: Two RJ45 ports

Button Configurations:

- Large buttons: 2 or 3
- Small buttons: 2, 4, 5, 6

Installation:

- Standard decorator opening

Electrical

Input Requirements: Class 2, LPS

Voltage: 24 VDC supplied from Room Controller

Standards/Ratings

- UL 508 Listed

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

Overview

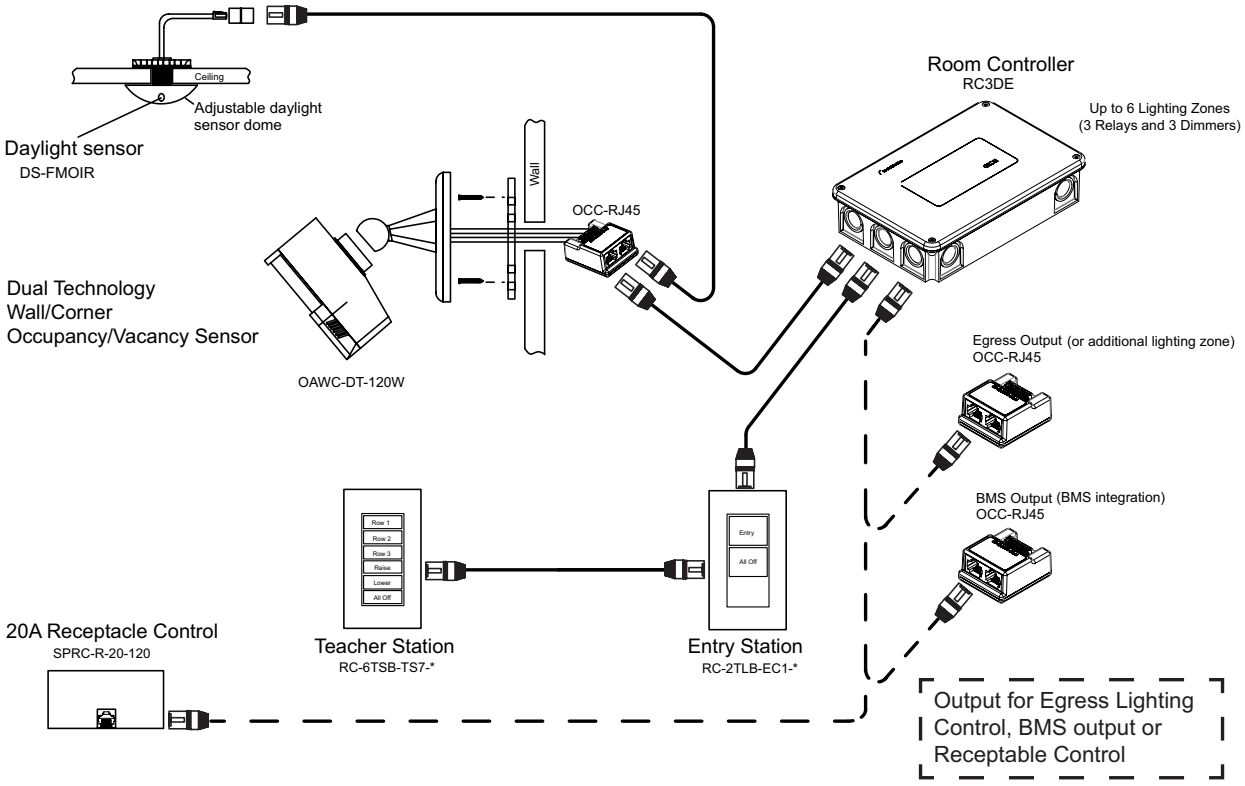
The zone wallstations are pre-engraved low-voltage switches that operate on 24 VDC power supplied by the Room Controller or DLVP power module. Each wallstation is designed to fit in a standard decorator opening and has two RJ45 ports for local network connections to eliminate wiring errors.

The zone wallstations are pre-terminated control cable (ordered separately) ready and work immediately upon power up. Zone wallstations for office, classroom, patient room, conference room and general areas are available and are fully functional out-of-the-box removing the need for field programming and reducing installation time.

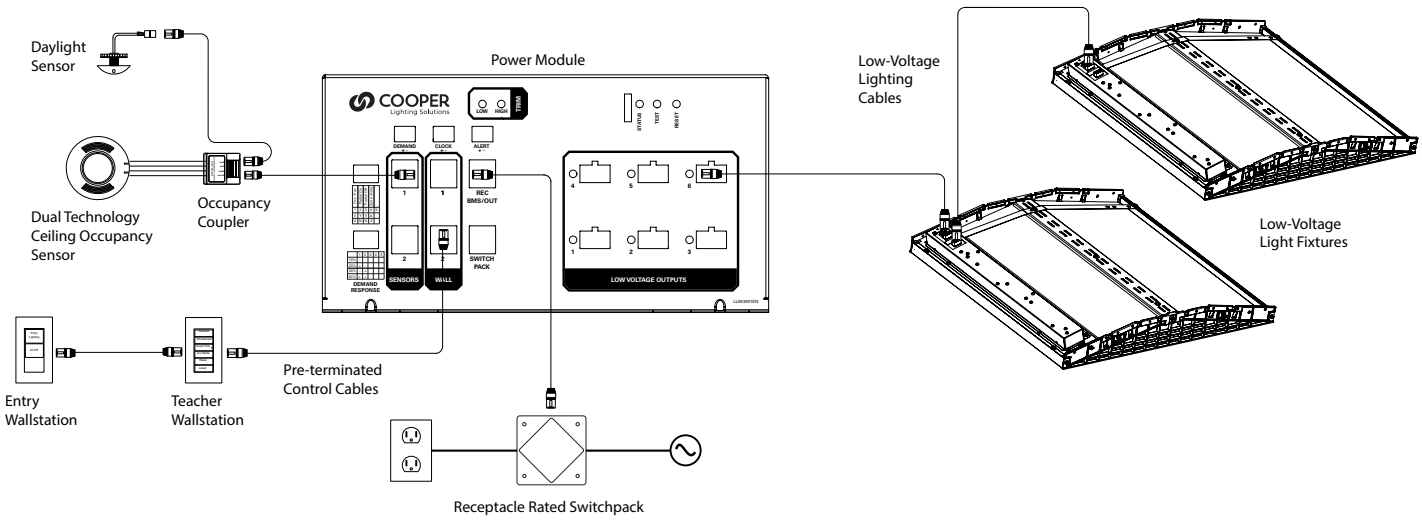
Low-voltage devices are connected using provided pre-terminated control cables (ordered separately).

Wiring Diagrams

Sample Room Controller System Topology

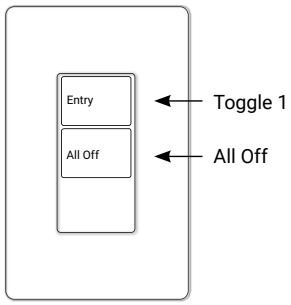


DLVP System Topology

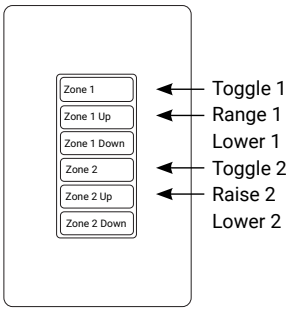


Sample Wallstations

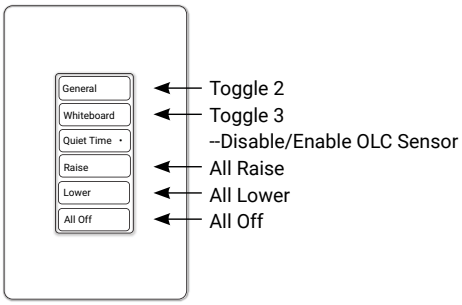
*** Not All Configurations Shown**



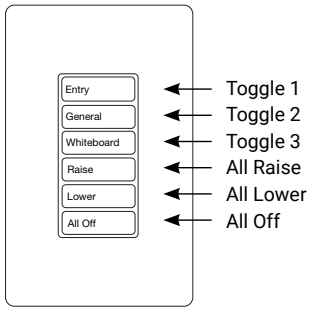
RC-2TLB-ES1



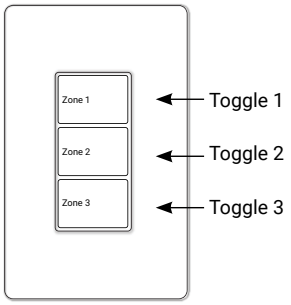
RC-6TSB-623



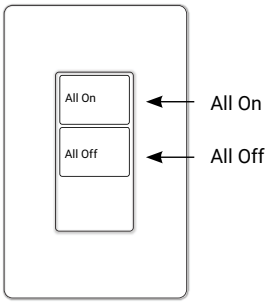
RC-6TSB-TS2



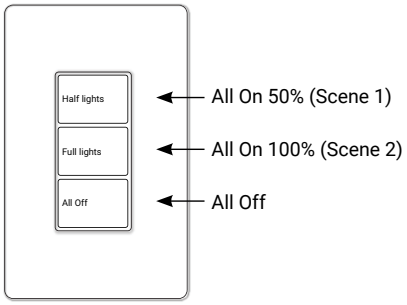
RC-6TSB-TS6



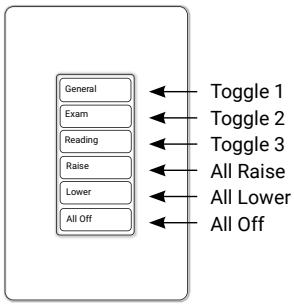
RC-3TLB-331



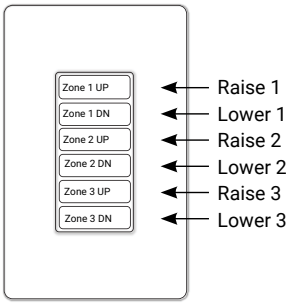
RC-2TLB-OS4



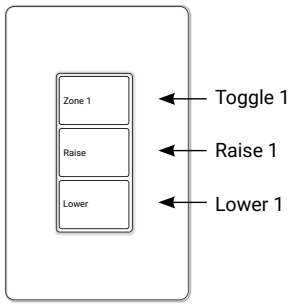
RC-3TLB-OS1



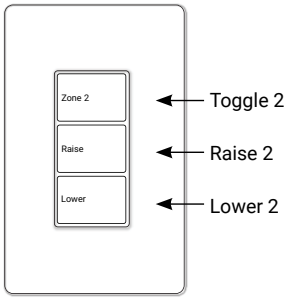
RC-6TSB-HC2



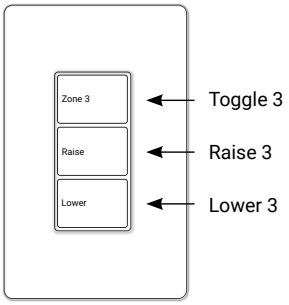
RC-6TSB-ZAD



RC-3TLB-Z1D



RC-3TLB-Z2D



RC-3TLB-Z3D

Control Systems

- Greengate

Cooper Lighting Solutions
1121 Highway 74 South
Peachtree City, GA 30269
P: 770-486-4800
www.CooperLS.com

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Specifications and dimensions
subject to change without notice.

Cooper Lighting Solutions

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

image for reference only

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 inhousehold 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.**

⚠ 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.

COOPER Lighting Solutions

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Product availability, specifications, and compliances are subject to change without notice.