



# IECC 2018 Zūm<sup>®</sup> Wireless Solutions Office Applications

Crestron Electronics, Inc.

**Original Instructions**

The U.S. English version of this document is the original instructions.  
All other languages are a translation of the original instructions.

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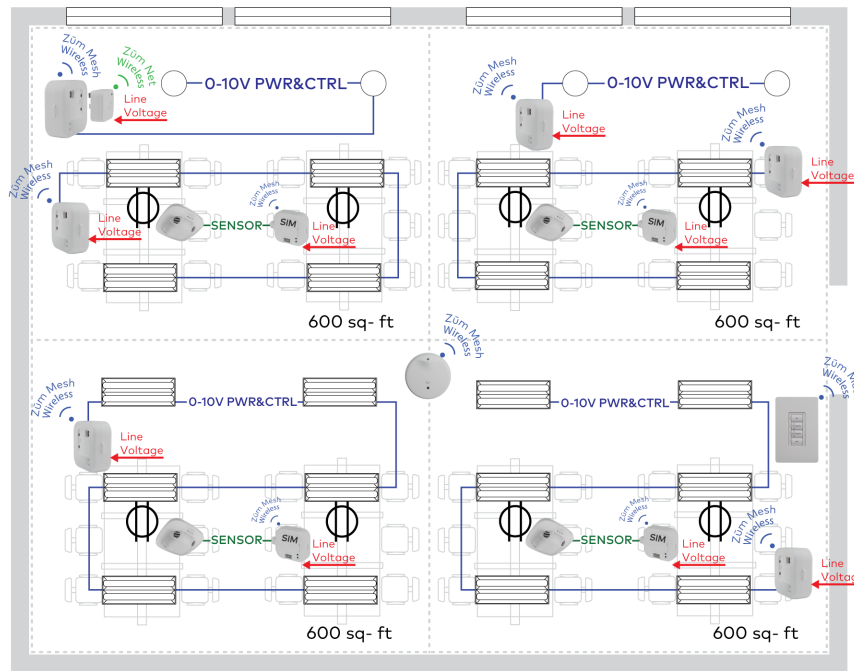
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# Zūm® Wireless: 0 - 10V Drivers



Open offices are controlled separately in zones with floor areas no greater than 600 sq ft. When a zone is vacant for 20 minutes, lights automatically reduce by 80%. If all zones are vacant, the lights turn off. For more information, refer to code section C405.2.1.3.

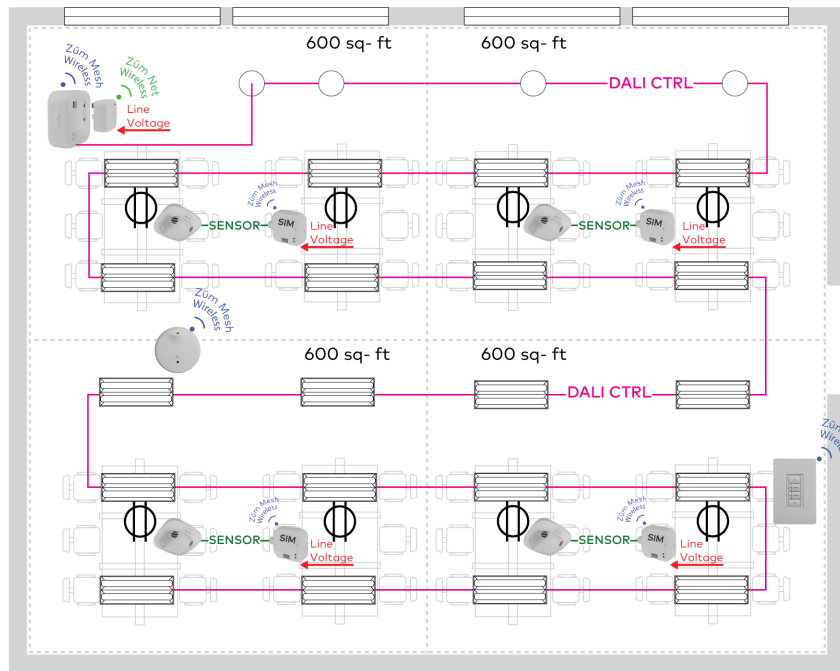
## Bill of Materials

Item	Product	Qty
	ZUMMESH-JBOX-16A-LV Zūm Mesh, Dimmer, 0-10V, 16A	5
	ZUMMESH-JBOX-16A-LV + NETBRIDGE Zūm Mesh, Dimmer, 0-10V, 16A + Network Bridge	1
	ZUMMESH-JBOX-SIM Zūm Mesh JBox Sensor	4
	ZUMMESH-KP10CBATT Zūm Mesh, Battery-Powered Keypad	1
	ZUMMESH-OL-PHOTOCELL-BATT Zūm Mesh, Battery-Powered Daylight Sensor	1
	GLA-DT-QUATTRO-COM1-24 Presence Detector	4

## Code






<b>Manual Control Device</b> C405.2.5, C405.2.2.2 Physical control interface for occupant
<b>Occupancy Sensor Partial On</b> C405.2.1.1 Partial On during occupancy
<b>Occupancy Sensor Full Off</b> C405.2.1 Auto Off during vacancy
<b>Occupancy Sensor Partial Off</b> C405.2.1 Partial Off during vacancy
<b>Daylight Response</b> C405.2, C405.2.61 Exception C405.2.3.1 Adjust lights based on available daylight

# Zūm® Wireless: DALI® Drivers



Open offices are controlled separately in zones with floor areas no greater than 600 sq ft. When a zone is vacant for 20 minutes, lights automatically reduce by 80%. If all zones are vacant, the lights turn off. For more information, refer to code section C405.2.1.3.

## Bill of Materials

Item	Product	Qty
	ZUMMESH-JBOX-DALI + NETBRIDGE Zūm Mesh, DALI, + Network Bridge	1
	ZUMMESH-JBOX-SIM Zūm Mesh JBox Sensor	4
	ZUMMESH-KP10CBATT Zūm Mesh, Battery-Powered Keypad	1
	ZUMMESH-OL-PHOTOCELL-BATT Zūm Mesh, Battery-Powered Daylight Sensor	1
	GLA-DT-QUATTRO-COM1-24 Presence Detector	4

## Code

- Manual Control Device**  
C405.2.5, C405.2.2.2  
Physical control interface for occupant

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- Occupancy Sensor Partial On**  
C405.2.1.1  
Partial On during occupancy

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- Occupancy Sensor Full Off**  
C405.2.1  
Auto Off during vacancy

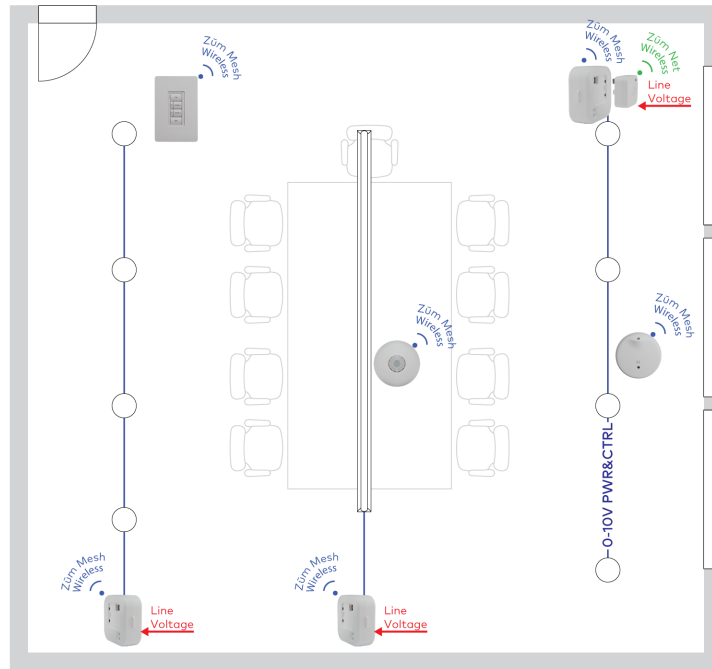
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- Occupancy Sensor Partial Off**  
C405.2.1  
Partial Off during vacancy






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- Daylight Response**  
C405.2, C405.2.61  
Exception C405.2.3.1  
Adjust lights based on available daylight

# Zūm® Wireless: 0 - 10V Drivers



## Bill of Materials

Item	Product	Qty
	ZUMMESH-JBOX-16A-LV Zūm Mesh, Dimmer, 0-10V, 16A	2
	ZUMMESH-JBOX-16A-LV + NETBRIDGE Zūm Mesh, Dimmer, 0-10V, 16A + Network Bridge	1
	ZUMMESH-KP10CBATT Zūm Mesh, Battery-Powered Keypad	1
	ZUMMESH-OL-PHOTOCELL-BATT Zūm Mesh, Battery-Powered Daylight Sensor	1
	ZUMMESH-PIR-VACANCY-BATT Zūm Mesh, Battery-Powered Vacancy Sensor	1

## Code

- Manual Control Device**  
C405.2.5, C405.2.2.2  
Physical control interface for occupant

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- Vacancy Sensor Manual On**  
C405.2.1.1  
Physical control interface for occupant, Auto Off during vacancy

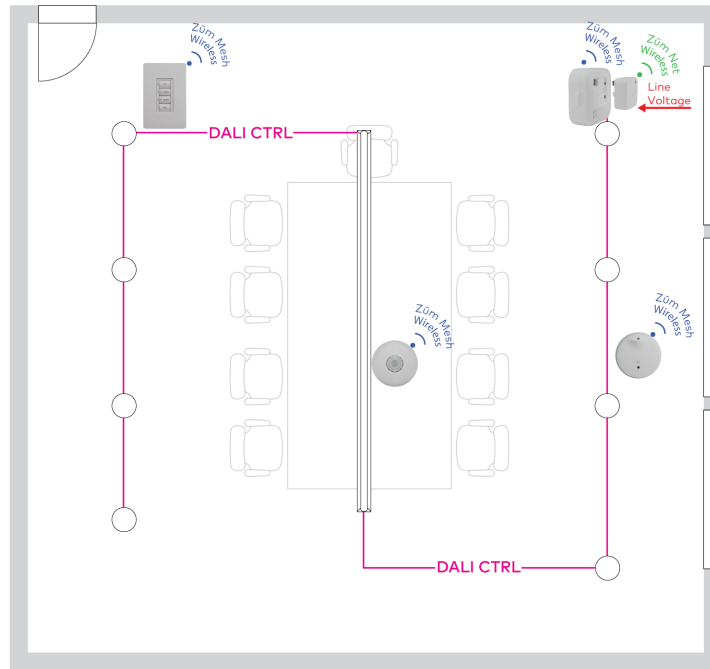
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- Occupancy Sensor Full Off**  
C405.2.1  
Auto Off during vacancy





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- Daylight Response**  
C405.2, C405.2.61  
Exception C405.2.3.1  
Adjust lights based on available daylight

# Zūm® Wireless: DALI® Drivers



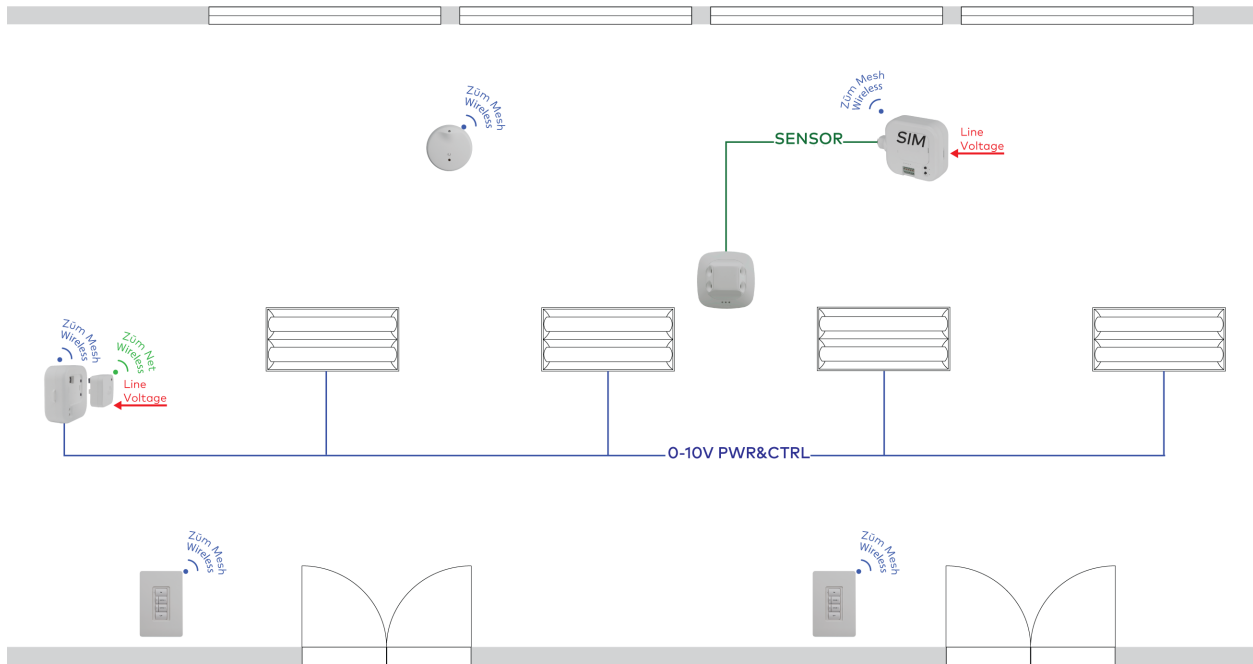
## Bill of Materials

Item	Product	Qty
	ZUMMESH-JBOX-DALI + NETBRIDGE Zūm Mesh, DALI, + Network Bridge	1
	ZUMMESH-KP10CBATT Zūm Mesh, Battery-Powered Keypad	1
	ZUMMESH-OL-PHOTOCELL-BATT Zūm Mesh, Battery-Powered Daylight Sensor	1
	ZUMMESH-PIR-VACANCY-BATT Zūm Mesh, Battery-Powered Vacancy Sensor	1






## Code

- Manual Control Device**  
C405.2.5, C405.2.2.2  
Physical control interface for occupant
- Vacancy Sensor Manual On**  
C405.2.1.1  
Physical control interface for occupant, Auto Off during vacancy
- Occupancy Sensor Full Off**  
C405.2.1  
Auto Off during vacancy
- Daylight Response**  
C405.2, C405.2.61  
Exception C405.2.3.1  
Adjust lights based on available daylight

## Zūm® Wireless: 0 - 10V Drivers



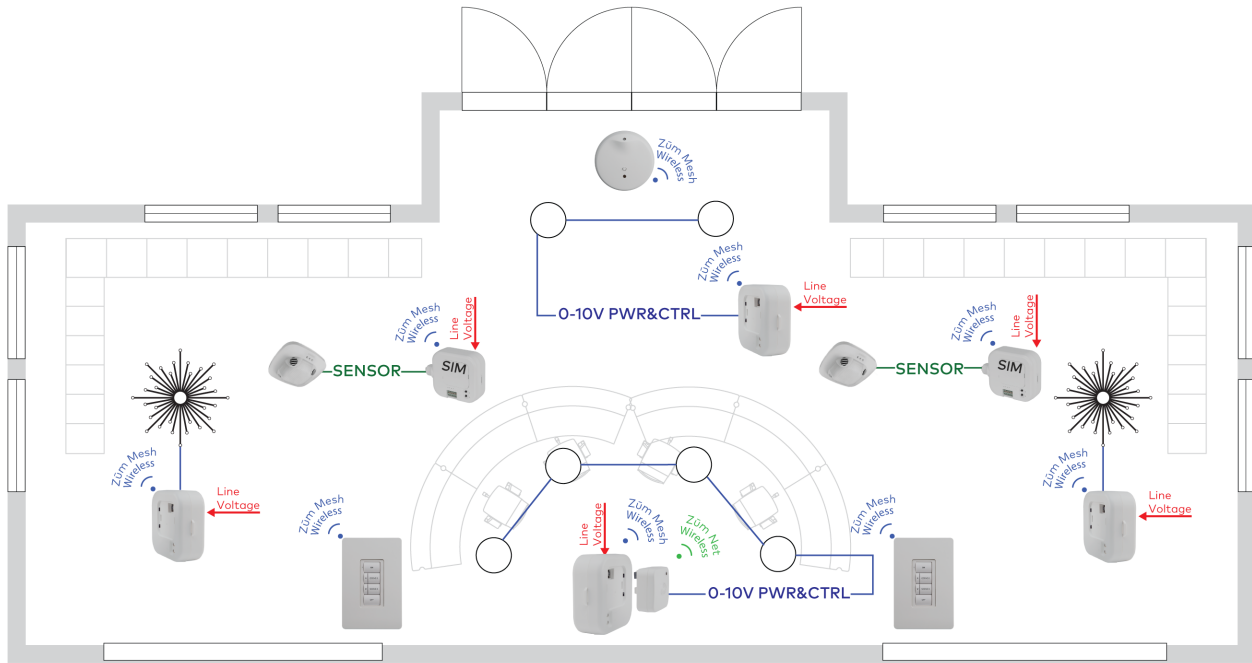
## Bill of Materials

Item	Product	Qty
	ZUMMESH-JBOX-16A-LV + NETBRIDGE Zūm Mesh, Dimmer, 0-10V, 16A + Network Bridge	1
	ZUMMESH-JBOX-SIM Zūm Mesh JBox Sensor	1
	ZUMMESH-KP10CBATT Zūm Mesh, Battery-Powered Keypad	2
	ZUMMESH-OL-PHOTOCELL-BATT Zūm Mesh, Battery-Powered Daylight Sensor	1
	GLA-US-HALLWAY-COM1-24 Occupancy Sensor	1







## Code

<b>Manual Control Device</b> C405.2.5, C405.2.2.2 Physical control interface for occupant
<b>Occupancy Sensor Full On</b> C405.2.1, C405.2.1.1 Full ON during occupancy
<b>Occupancy Sensor Partial Off</b> C405.2.1 Partial Off during vacancy
<b>Daylight Response</b> C405.2, C405.2.61 Exception C405.2.3.1 Adjust lights based on available daylight

# Zūm® Wireless: 0 - 10V Drivers



## Bill of Materials

Item	Product	Qty
	ZUMMESH-JBOX-16A-LV Zūm Mesh, Dimmer, 0-10V, 16A	3
	ZUMMESH-JBOX-16A-LV + NETBRIDGE Zūm Mesh, Dimmer, 0-10V, 16A + Network Bridge	1
	ZUMMESH-JBOX-SIM Zūm Mesh JBox Sensor	2
	ZUMMESH-KP10CBATT Zūm Mesh, Battery-Powered Keypad	2
	ZUMMESH-OL-PHOTOCELL-BATT Zūm Mesh, Battery-Powered Daylight Sensor	1
	GLA-DT-QUATTRO-COM1-24 Presence Detector	2

## Code

- Manual Control Device**  
C405.2.5, C405.2.2.2  
Physical control interface for occupant

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- Programmable Timeclock**  
C405.2.2.1, C405.2.6.2,  
C405.2.6.3, C405.2.6.4  
Programmable partial On

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- Occupancy Sensor Full On**  
C405.2.1, C405.2.1.1  
Full ON during occupancy

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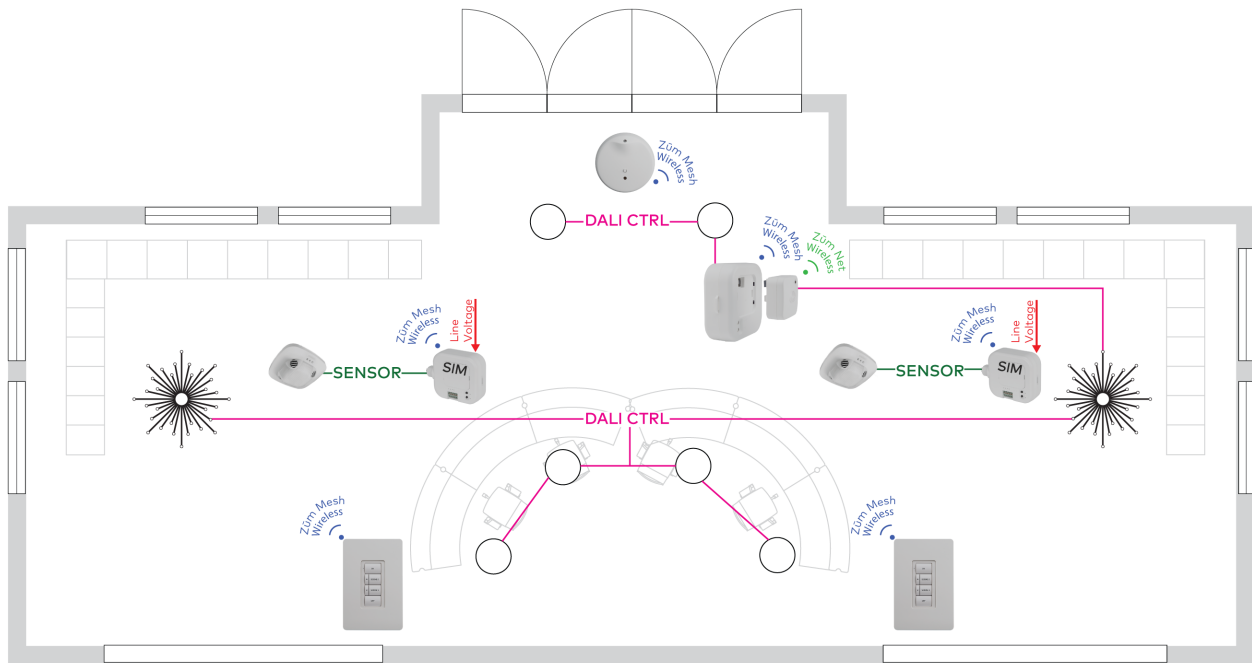
- Occupancy Sensor Full Off**  
C405.2.1  
Auto Off during vacancy

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- Daylight Response**  
C405.2, C405.2.61  
Exception C405.2.3.1  
Adjust lights based on available daylight



# Züm® Wireless: DALI® Drivers



## Bill of Materials

Item	Product	Qty
	ZUMMESH-JBOX-DALI + NETBRIDGE Züm Mesh, DALI, + Network Bridge	1
	ZUMMESH-JBOX-SIM Züm Mesh JBox Sensor	2
	ZUMMESH-KP10CBATT Züm Mesh, Battery-Powered Keypad	2
	ZUMMESH-OL-PHOTOCELL-BATT Züm Mesh, Battery-Powered Daylight Sensor	1
	GLA-DT-QUATTRO-COM1-24 Presence Detector	2

## Code

- Manual Control Device**  
C405.2.5, C405.2.2.2  
Physical control interface for occupant

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- Programmable Timeclock**  
C405.2.2.1, C405.2.6.2,  
C405.2.6.3, C405.2.6.4  
Programmable partial On

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- Occupancy Sensor Full On**  
C405.2.1, C405.2.1.1  
Full ON during occupancy

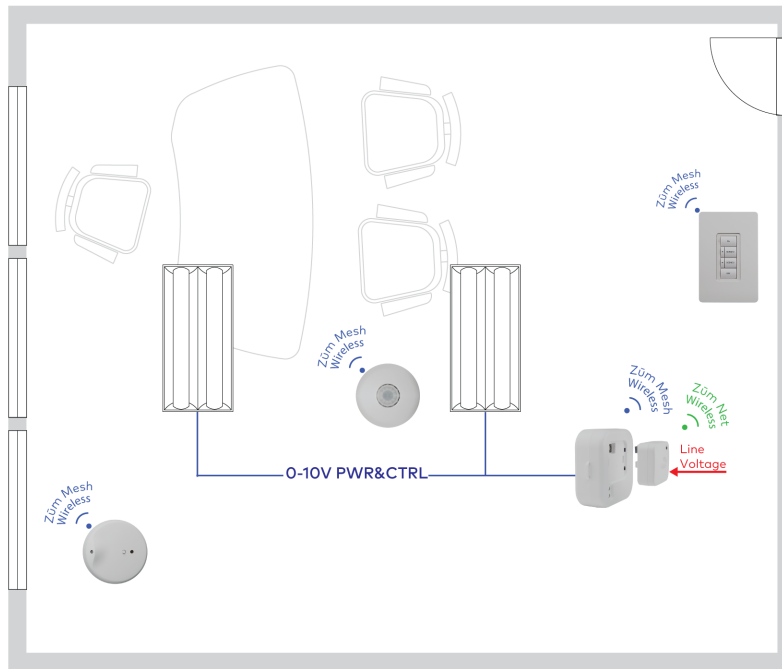
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- Occupancy Sensor Full Off**  
C405.2.1  
Auto Off during vacancy





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- Daylight Response**  
C405.2, C405.2.61  
Exception C405.2.3.1  
Adjust lights based on available daylight

# Zūm® Wireless: 0 - 10V Drivers



## Bill of Materials

Item	Product	Qty
	ZUMMESH-JBOX-16A-LV + NETBRIDGE Zūm Mesh, Dimmer, 0-10V, 16A + Network Bridge	1
	ZUMMESH-KP10CBATT Zūm Mesh, Battery-Powered Keypad	1
	ZUMMESH-OL-PHOTOCELL-BATT Zūm Mesh, Battery-Powered Daylight Sensor	1
	ZUMMESH-PIR-VACANCY-BATT Zūm Mesh, Battery-Powered Vacancy Sensor	1

## Code

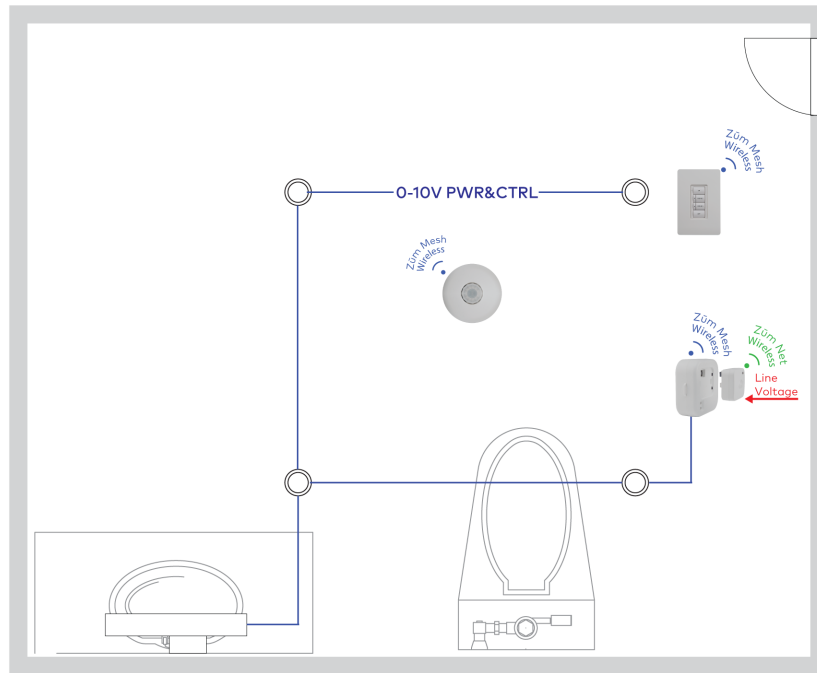
**Manual Control Device**  
C405.2.5, C405.2.2.2  
Physical control interface for occupant

**Vacancy Sensor Manual On**  
C405.2.1.1  
Physical control interface for occupant, Auto Off during vacancy




**Occupancy Sensor Full Off**  
C405.2.1  
Auto Off during vacancy

**Daylight Response**  
C405.2, C405.2.61  
Exception C405.2.3.1  
Adjust lights based on available daylight

# Zūm® Wireless: 0 - 10V Drivers



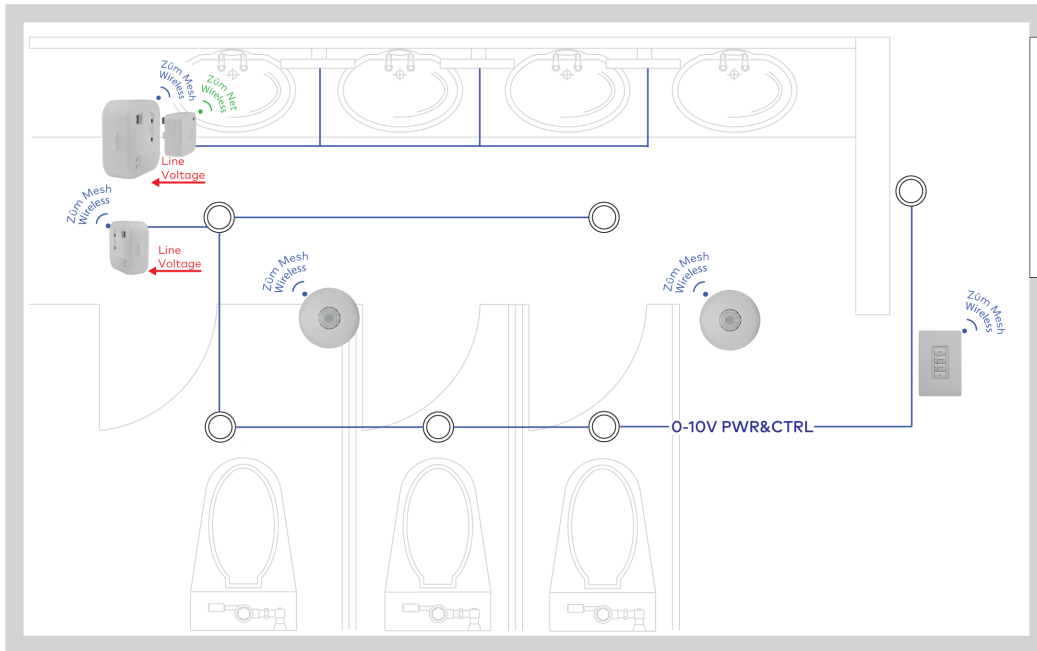
## Bill of Materials

Item	Product	Qty
	ZUMMESH-JBOX-16A-LV + NETBRIDGE Zūm Mesh, Dimmer, 0-10V, 16A + Network Bridge	1
	ZUMMESH-KP10CBATT Zūm Mesh, Battery-Powered Keypad	1
	ZUMMESH-PIR-OCCUPANCY-BATT Zūm Mesh, Battery-Powered Sensor	1





## Code

- Manual Control Device**  
C405.2.5, C405.2.2.2  
Physical control interface for occupant
- Occupancy Sensor Full On**  
C405.2.1, C405.2.1.1  
Full ON during occupancy
- Occupancy Sensor Full Off**  
C405.2.1  
Auto Off during vacancy
- Daylight Response**  
C405.2, C405.2.61  
Exception C405.2.3.1  
Adjust lights based on available daylight

# Zūm® Wireless: 0 - 10V Drivers



## Bill of Materials

Item	Product	Qty
	ZUMMESH-JBOX-16A-LV Zūm Mesh, Dimmer, 0-10V, 16A	1
	ZUMMESH-JBOX-16A-LV + NETBRIDGE Zūm Mesh, Dimmer, 0-10V, 16A + Network Bridge	1
	ZUMMESH-KP10CBATT Zūm Mesh, Battery-Powered Keypad	1
	ZUMMESH-PIR-OCCUPANCY-BATT Zūm Mesh, Battery-Powered Sensor	2

## Code

- Manual Control Device**  
C405.2.5, C405.2.2.2  
Physical control interface for occupant

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- Occupancy Sensor Full On**  
C405.2.1, C405.2.1.1  
Full ON during occupancy

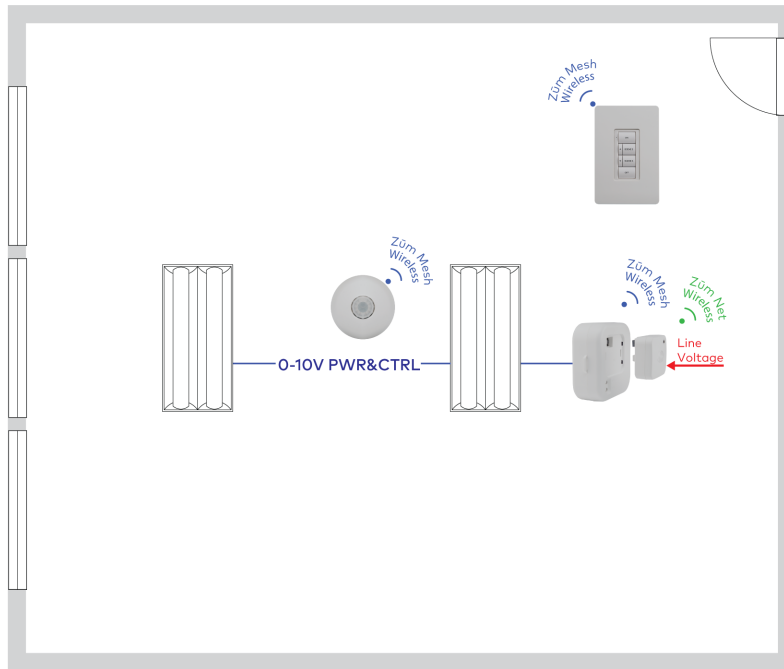
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- Occupancy Sensor Full Off**  
C405.2.1  
Auto Off during vacancy




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- Daylight Response**  
C405.2, C405.2.61  
Exception C405.2.3.1  
Adjust lights based on available daylight

## Zūm® Wireless: 0 - 10V Drivers



### Bill of Materials

Item	Product	Qty
	ZUMMESH-JBOX-16A-LV + NETBRIDGE Zūm Mesh, Dimmer, 0-10V, 16A + Network Bridge	1
	ZUMMESH-KP10CBATT Zūm Mesh, Battery-Powered Keypad	1
	ZUMMESH-PIR-VACANCY-BATT Zūm Mesh, Battery-Powered Vacancy Sensor	1

### Code

#### Manual Control Device

C405.2.5, C405.2.2.2  
Physical control interface for occupant

#### Vacancy Sensor Manual On

C405.2.1.1  
Physical control interface for occupant, Auto Off during vacancy

#### Occupancy Sensor Full Off

C405.2.1  
Auto Off during vacancy

#### Daylight Response

C405.2, C405.2.61  
Exception C405.2.3.1  
Adjust lights based on available daylight

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**Contact Info**

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Name

Company

Address 1

Address 2

City, State, Zip

Phone

Email

Website

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**Project Notes**

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**Square Footage**

**Cost/Sq. Ft.**

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