



ASHRAE 2019 Zūm[®] Wireless Solutions Healthcare Applications

Crestron Electronics, Inc.

Original Instructions

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All other languages are a translation of the original instructions.

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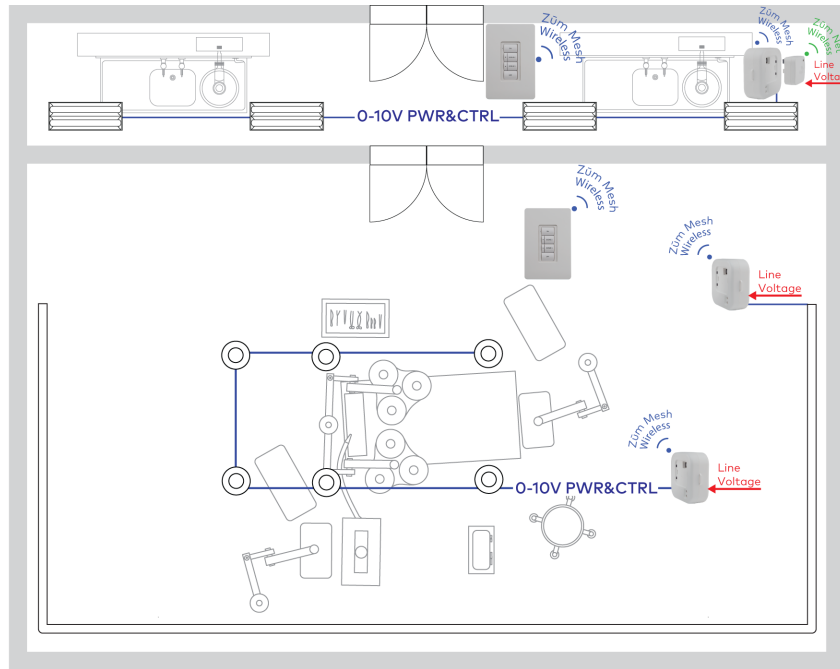
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Zūm® Wireless: 0 - 10V Drivers



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	2

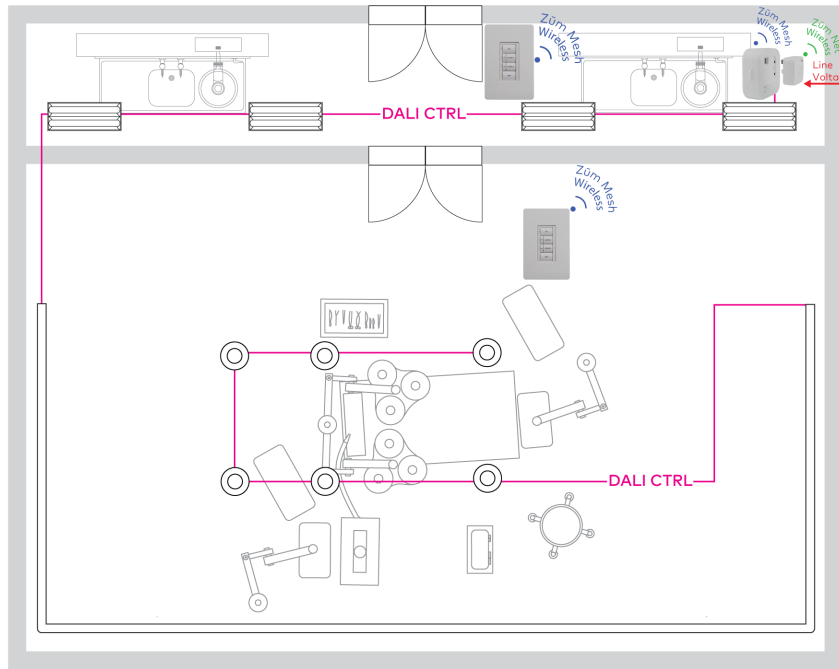
Code

- Manual Control Device**
9.4.1.1(a)
Physical control interface for occupant



- Programmable Timeclock**
9.4.1.1(c), 9.4.1.1(i)
Programmed time Auto On, Auto Off

- Daylight Response**
9.4.1.1(e), 9.4.1.4(a)
Light level control based on daylighting

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	2

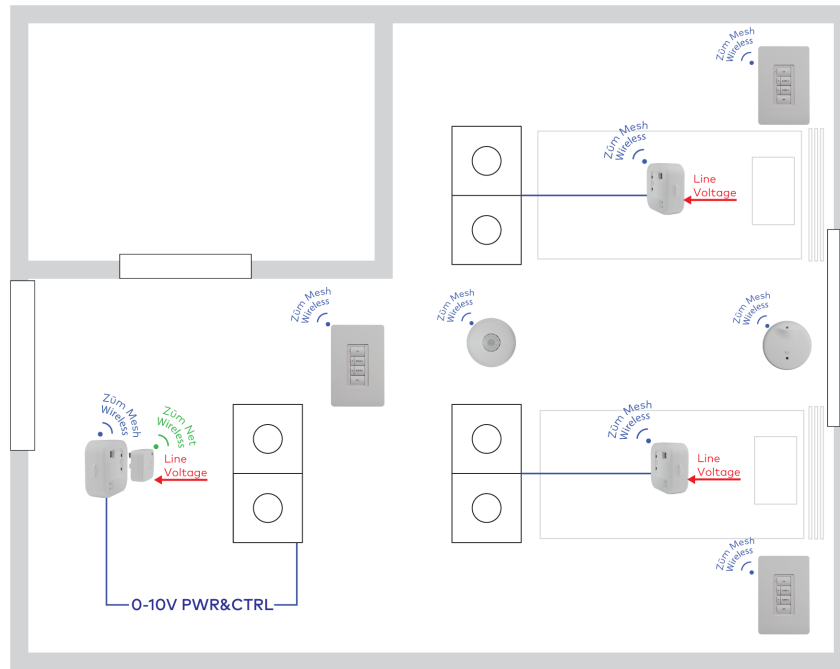
Code

- Manual Control Device**
9.4.1.1(a)
Physical control interface for occupant






- Programmable Timeclock**
9.4.1.1(c), 9.4.1.1(i)
Programmed time Auto On, Auto Off

- Daylight Response**
9.4.1.1(e), 9.4.1.4(a)
Light level control based on daylighting

Zūm® Wireless: 0 - 10V Drivers



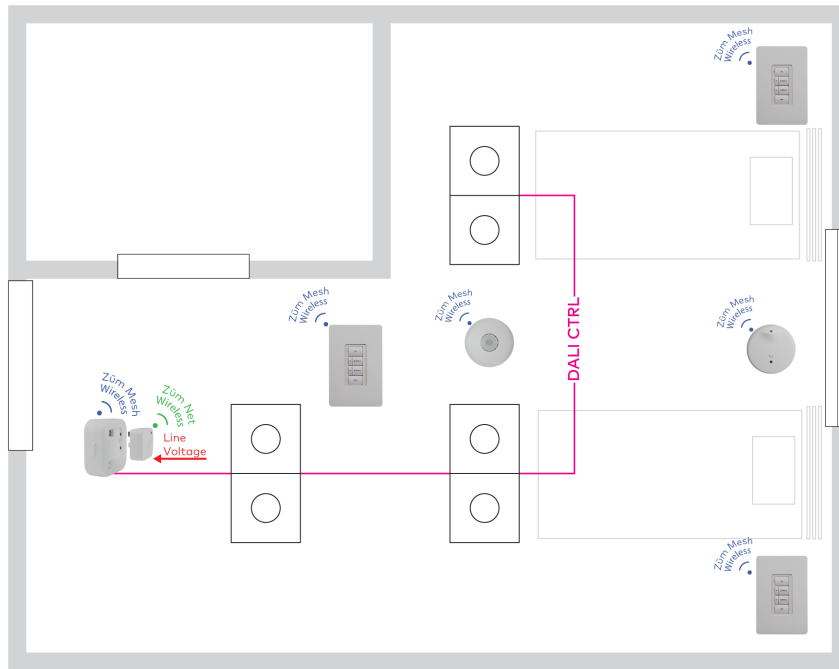
Bill of Materials

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	3
	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**
9.4.1.1(a)
Physical control interface for occupant
- Vacancy Sensor**
9.4.1.1(b), 9.4.1.1(h)
Motion detection: Manual On, Automatic Off
- Daylight Response**
9.4.1.1(e), 9.4.1.4(a)
Light level control based on daylighting

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	3
	ZUMMESH-OL-PHOTOCELL-BATT Zūm Mesh, Battery-Powered Daylight Sensor	1
	ZUMMESH-PIR-VACANCY-BATT Zūm Mesh, Battery-Powered Vacancy Sensor	1

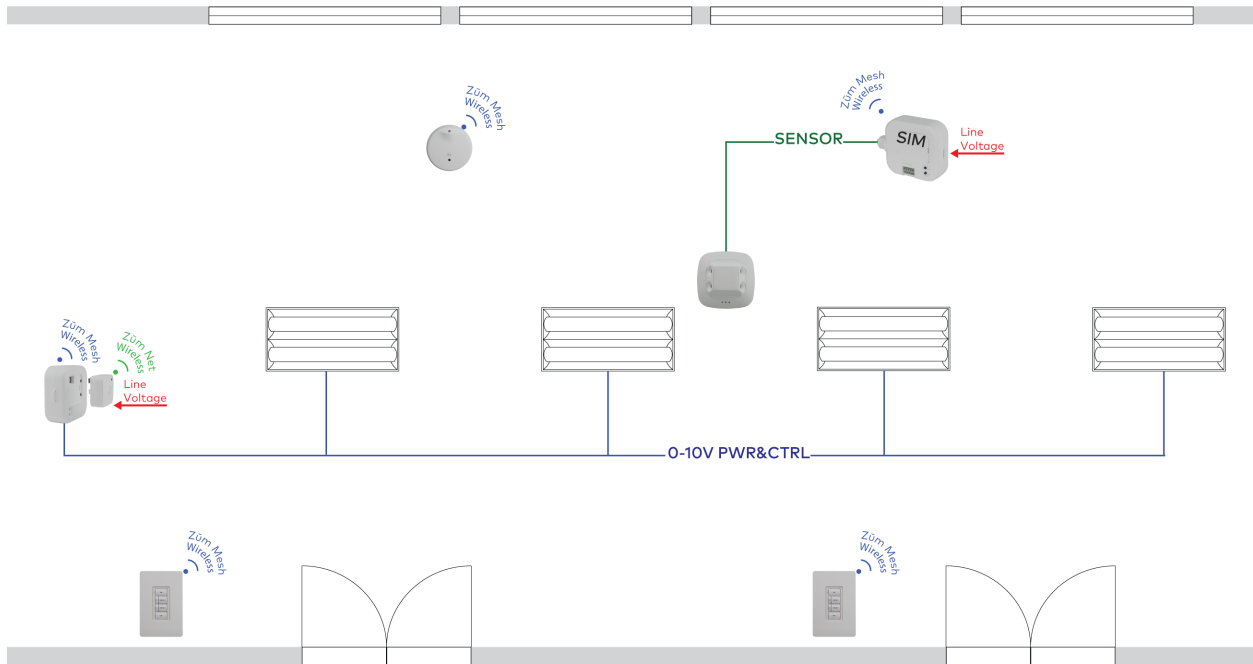
Code

- Manual Control Device**
9.4.1.1(a)
Physical control interface for occupant






- Vacancy Sensor**
9.4.1.1(b), 9.4.1.1(h)
Motion detection: Manual On, Automatic Off

- Daylight Response**
9.4.1.1(e), 9.4.1.4(a)
Light level control based on daylighting

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

Manual Control Device

9.4.1.1(a)
Physical control interface for occupant

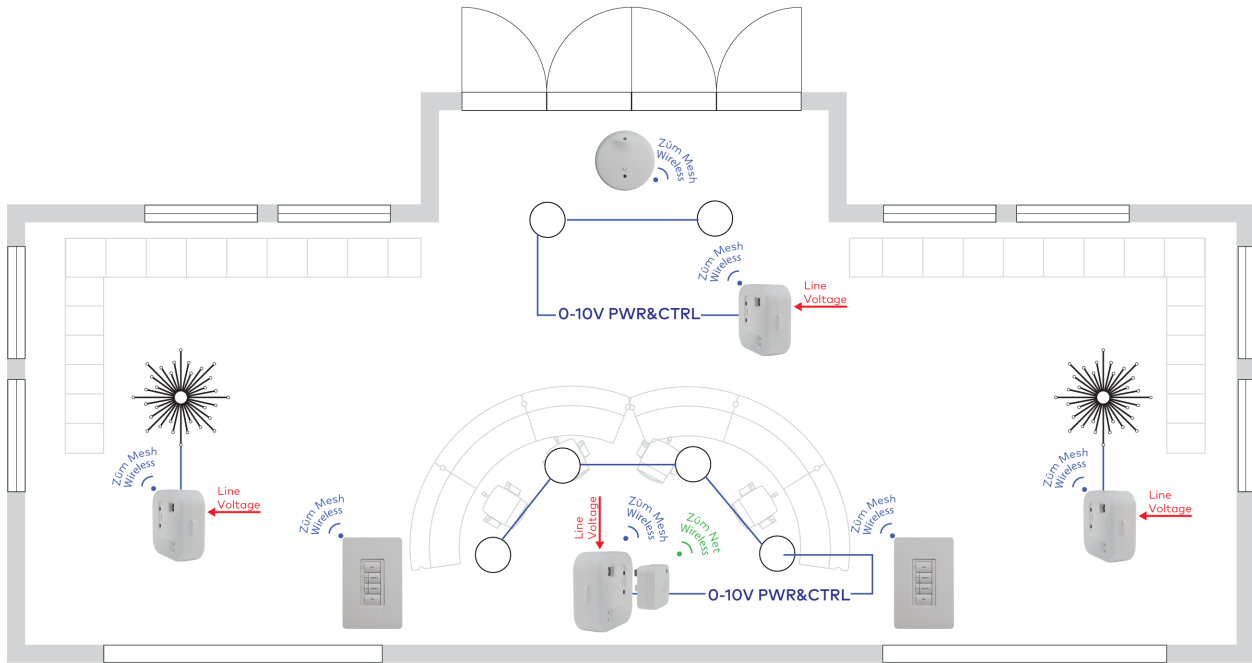
Occupancy Sensor

9.4.1.1(c), 9.4.1.1(h)
Motion detection: Automatic On, Automatic Off




Daylight Response

9.4.1.1(e), 9.4.1.4(a)
Light level control based on daylighting

Zūm® Wireless: 0 - 10V Drivers



Bill of Materials

Item	Product	Qty
	ZUMMESH-JBOX-16A-LV Zūm Mesh, Dimmer, 0-10V, 16A	1
	ZUMMESH-KP10CBATT Zūm Mesh, Battery-Powered Keypad	2
	ZUMMESH-OL-PHOTOCELL-BATT Zūm Mesh, Battery-Powered Daylight Sensor	1

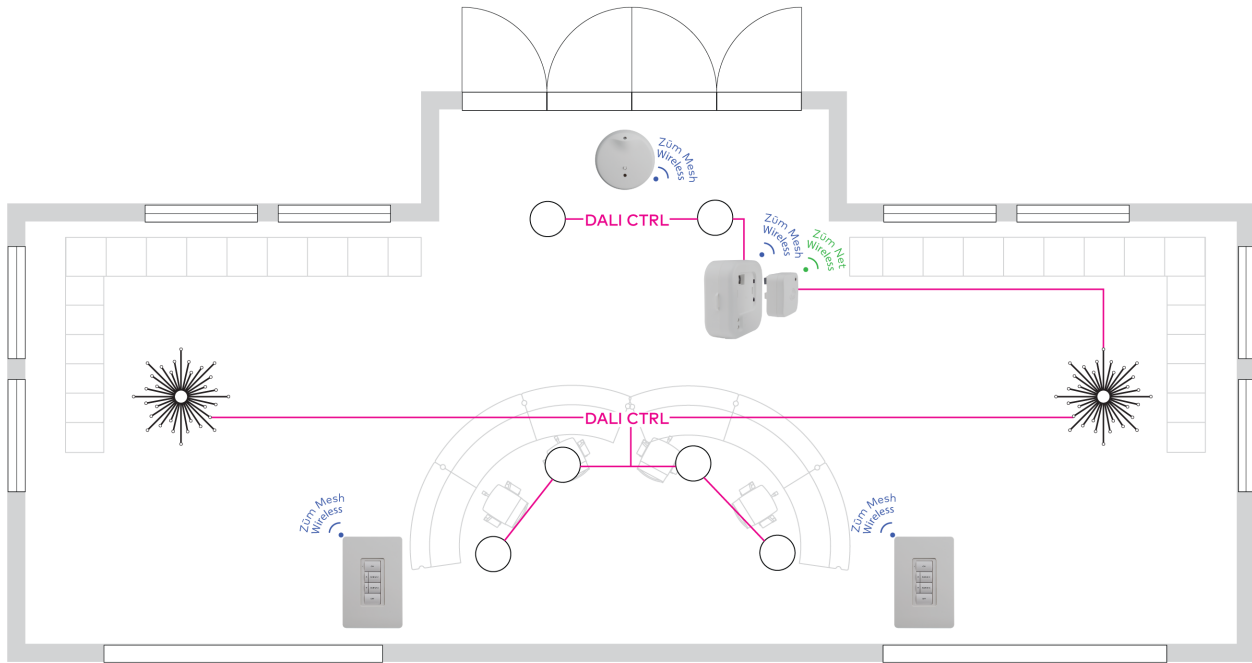
Code

- Manual Control Device**
9.4.1.1(a)
Physical control interface for occupant




- Programmable Timeclock**
9.4.1.1(c), 9.4.1.1(i)
Programmed time Auto On, Auto Off

- Daylight Response**
9.4.1.1(e), 9.4.1.4(a)
Light level control based on daylighting

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	2
	ZUMMESH-OL-PHOTOCELL-BATT Zūm Mesh, Battery-Powered Daylight Sensor	1

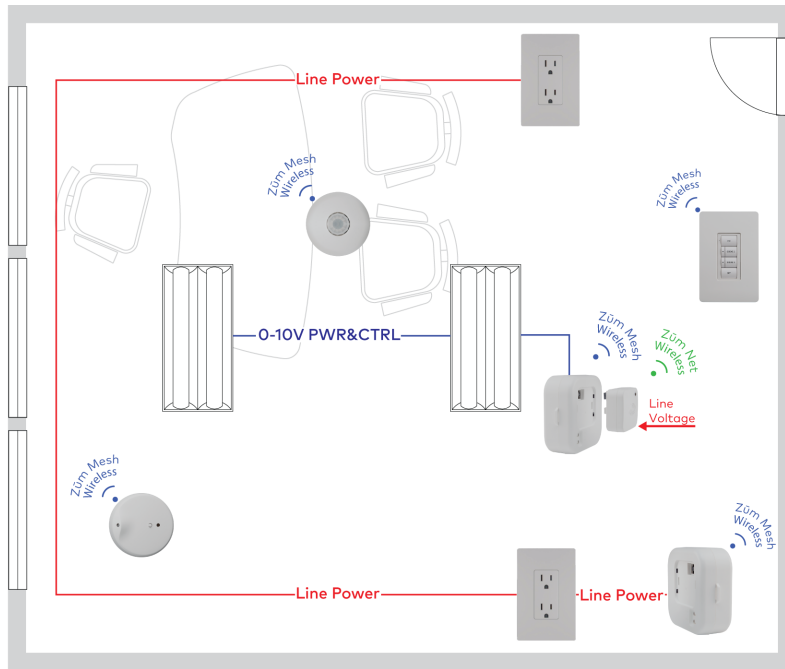
Code

- Manual Control Device**
9.4.1.1(a)
Physical control interface for occupant







- Programmable Timeclock**
9.4.1.1(c), 9.4.1.1(i)
Programmed time Auto On, Auto Off

- Daylight Response**
9.4.1.1(e), 9.4.1.4(a)
Light level control based on daylighting

Zūm® Wireless: 0 - 10V Drivers



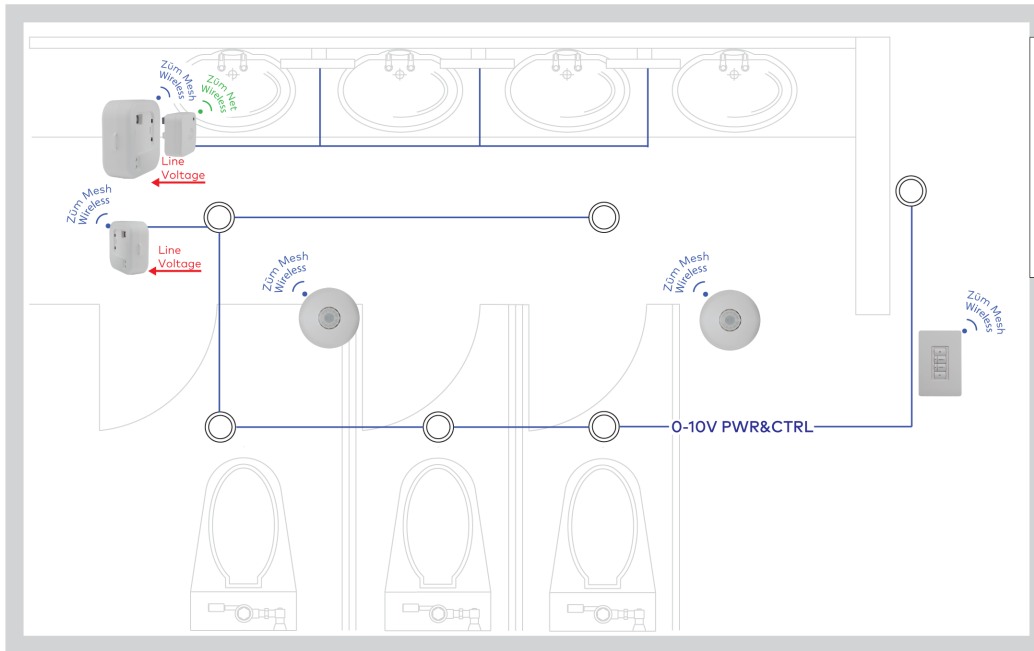
Bill of Materials

Item	Product	Qty
	ZUMMESH-JBOX-20A-PLUG Zūm Mesh, Plug, 100-240V, 20A	1
	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
	Receptacle	2




Code

- Manual Control Device**
9.4.1.1(a)
Physical control interface for occupant
- Vacancy Sensor**
9.4.1.1(b), 9.4.1.1(h)
Motion detection: Manual On, Automatic Off
- Daylight Response**
9.4.1.1(e), 9.4.1.4(a)
Light level control based on daylighting
- Controlled Receptacles**
8.4.2(a), 8.4.2(b), 8.4.2(c)
Control of receptacle power

Zūm® Wireless: 0 - 10V Drivers



Bill of Materials

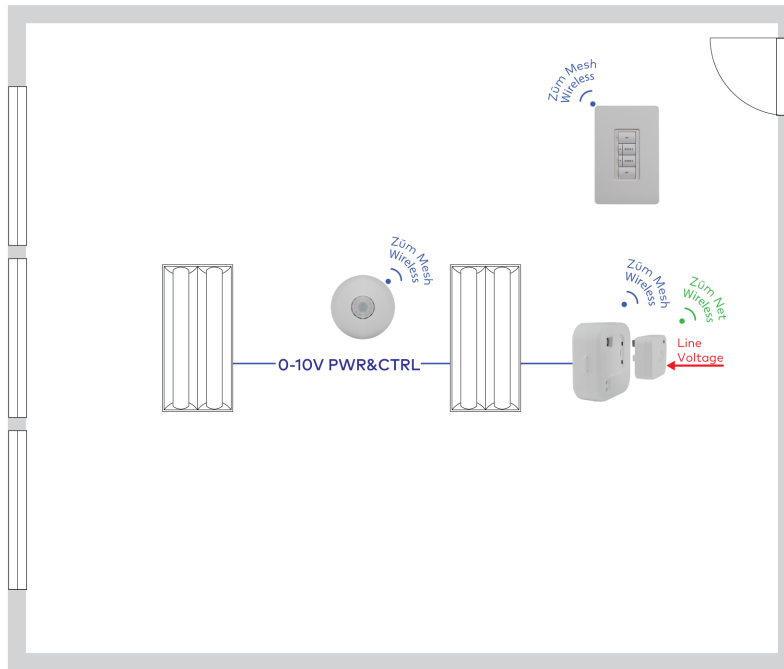
Item	Product	Qty
	ZUMMESH-JBOX-16A-LV Zūm Mesh, Dimmer, 0-10V, 16A	1
	ZUMMESH-JBOX-16A-LV + NETBRIDGE Zūm Mesh, Dimmer, 0-10V, 16A + Network Bridge	1
	ZUMMESH-PIR-OCCUPANCY-BATT Zūm Mesh, Battery-Powered Sensor	2

Code




Occupancy Sensor
 9.4.1.1(c), 9.4.1.1(h)
 Motion detection: Automatic On, Automatic Off

Daylight Response
 9.4.1.1(e), 9.4.1.4(a)
 Light level control based on daylighting

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

9.4.1.1(a)
Physical control interface for occupant

Vacancy Sensor

9.4.1.1(b), 9.4.1.1(h)
Motion detection: Manual On, Automatic Off

Daylight Response

9.4.1.1(e), 9.4.1.4(a)
Light level control based on daylighting

Contact Info

Name

Company

Address 1

Address 2

City, State, Zip

Phone

Email

Website

Project Notes

Square Footage

Cost/Sq. Ft.

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