

Title 24 2019 Zūm® Wireless Solutions Office Applications

Crestron Electronics, Inc.

Original Instructions

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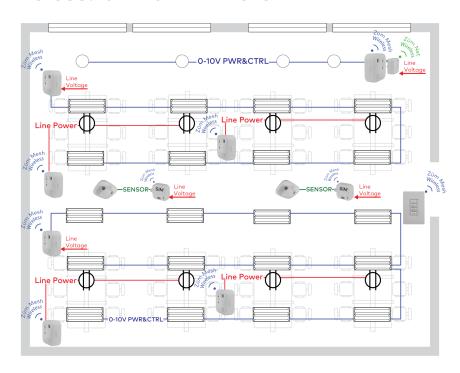
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Zūm® Wireless: 0 - 10V Drivers



Bill of Materials

Item	Product	Qty
(w)	ZUMMESH-JBOX-20A-PLUG Zūm Mesh, Plug, 100-240V, 20A	4
1 1	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-JBOX-SIM Zūm Mesh JBox Sensor	2
	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	2

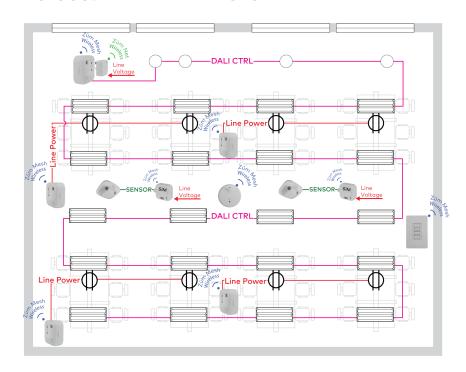
Code

Manual Control Device
30.1(a), 130.1(b)
ocal manual switch, multi-
evel control
Occupancy Sensor Full On
30.1(c) 1
full On during occupancy
Occupancy Sensor Full Off
30.1(c) 5,130.2(a)
outo Off during vacancy
Daylight Response
30.1(d), 130.2(c) 1
ldjust lights based on
ıvailable daylight
Controlled Receptacles
30.5(d)
luto Off for receptacle
ower
Demand Response
30.1(e), 110.12(c)

response signal

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Zūm® Wireless: DALI® Drivers



Bill of Materials

Item	Product	Qty
(n)	ZUMMESH-JBOX-20A-PLUG Zūm Mesh, Plug, 100-240V, 20A	4
	ZUMMESH-JBOX-DALI + NETBRIDGE Zūm Mesh, DALI, + Network Bridge	1
	ZUMMESH-JBOX-SIM Zūm Mesh JBox Sensor	2
	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	2

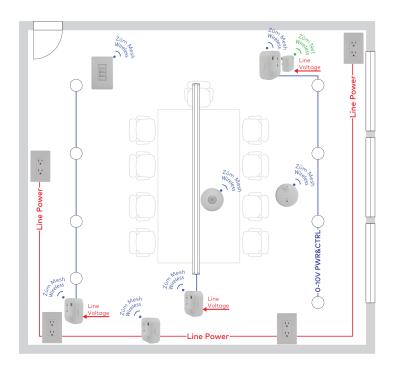
Code

Manual Control Device
130.1(a), 130.1(b)
Local manual switch, multi-
level control
Occupancy Sensor Full On
130.1(c) 1
Full On during occupancy

Occupancy Sensor Full Off 130.1(c) 5,130.2(a) Auto Off during vacancy

Daylight Response 130.1(d), 130.2(c) 1 Adjust lights based on available daylight

Controlled Receptacles 130.5(d) Auto Off for receptacle power



Bill of Materials

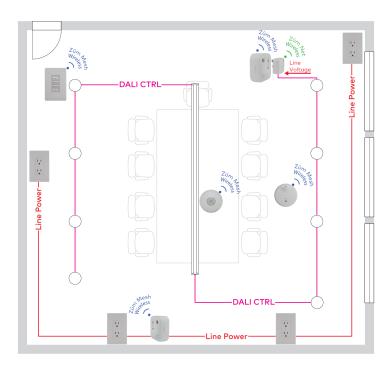
Item	Product	Qty
(B)	ZUMMESH-JBOX-20A-PLUG	1
	Zūm Mesh, Plug, 100-240V, 20A	
(B)	ZUMMESH-JBOX-16A-LV	2
	Zūm Mesh, Dimmer, 0-10V, 16A	
	ZUMMESH-JBOX-16A-LV + NETBRIDGE	1
	Zūm Mesh, Dimmer, 0-10V, 16A + Network Bridge	
	ZUMMESH-KP10CBATT	1
	Zūm Mesh, Battery-Powered Keypad	
	ZUMMESH-OL-PHOTOCELL-BATT	1
·	Zūm Mesh, Battery-Powered Daylight Sensor	
	ZUMMESH-PIR-VACANCY-BATT	1
	Zūm Mesh, Battery-Powered Vacancy Sensor	
70	Receptacle	4

Code

Manual Control Device
130.1(a), 130.1(b)
Local manual switch, multi-
level control
Vacancy Sensor Manual On
130.1.5.B
Physical control interface for
occupant
Occupancy Sensor Full Off
130.1(c) 5,130.2(a)
• •
130.1(c) 5,130.2(a)
130.1(c) 5,130.2(a) Auto Off during vacancy
130.1(c) 5,130.2(a) Auto Off during vacancy Daylight Response

available daylight Controlled Receptacles 130.5(d) Auto Off for receptacle power

Zūm® Wireless: DALI® Drivers



Bill of Materials

Item	Product	Qty
(m) (ZUMMESH-JBOX-20A-PLUG Zūm Mesh, Plug, 100-240V, 20A	1
	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
	Receptacle	4

Code

Manual Control Device
130.1(a), 130.1(b)
Local manual switch, multi-
level control
Vacancy Sensor Manual On

Vacancy Sensor Manual On 130.1.5.B Physical control interface for occupant

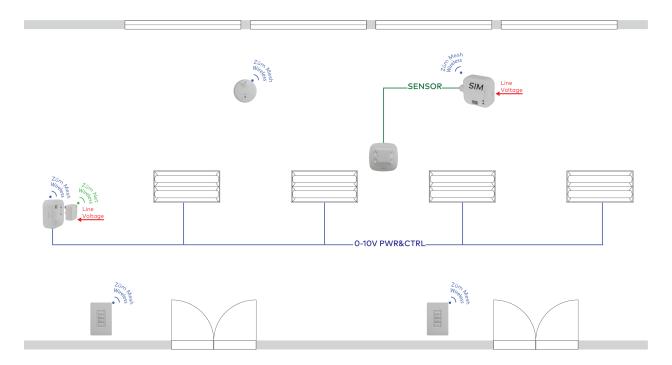
Occupancy Sensor Full Off 130.1(c) 5,130.2(a) Auto Off during vacancy

Daylight Response
130.1(d), 130.2(c) 1
Adjust lights based on
available daylight

Controlled Receptacles 130.5(d) Auto Off for receptacle power

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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
3	GLA-US-HALLWAY-COM1-24 Occupancy Sensor	1

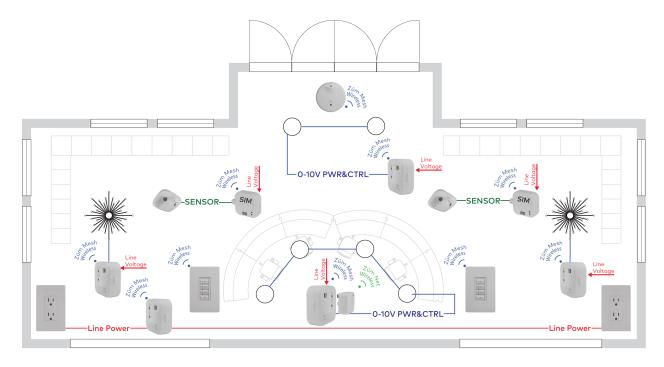
Code

Manual Control Device
130.1(a), 130.1(b)
Local manual switch, multi-
level control
Occupancy Sensor Full On
130.1(c) 1
Full On during occupancy
Occupancy Sensor Partial
Off
130.1(c) 6 & 7, 130.2(c) 3
Partial Off during vacancy
Daylight Response
130.1(d), 130.2(c) 1
Adjust lights based on

130.1(d), 130.2(c) 1 Adjust lights based on available daylight

LOBBY Title 24 2019

Zūm® Wireless: 0 - 10V Drivers



Bill of Materials

Item	Product	Qty
{B}	ZUMMESH-JBOX-16A-LV	4
3	Zūm Mesh, Dimmer, 0-10V, 16A	
	ZUMMESH-JBOX-16A-LV + NETBRIDGE	1
	Zūm Mesh, Dimmer, 0-10V, 16A + Network Bridge	
	ZUMMESH-JBOX-SIM	2
m :	Zūm Mesh JBox Sensor	
	ZUMMESH-KP10CBATT	2
	Zūm Mesh, Battery-Powered Keypad	
	ZUMMESH-OL-PHOTOCELL-BATT	1
·	Zūm Mesh, Battery-Powered Daylight Sensor	
	GLA-DT-QUATTRO-COM1-24	2
	Presence Detector	
	Receptacle	2

Code

Manual Control Device
130.1(a), 130.1(b)
Local manual switch, multi-
level control

Programmable Timeclock 130.1(c) 1, 130.2(c) 1 & 2 Timeclock-based shut off controls

Occupancy Sensor Full On 130.1(c) 1 Full On during occupancy

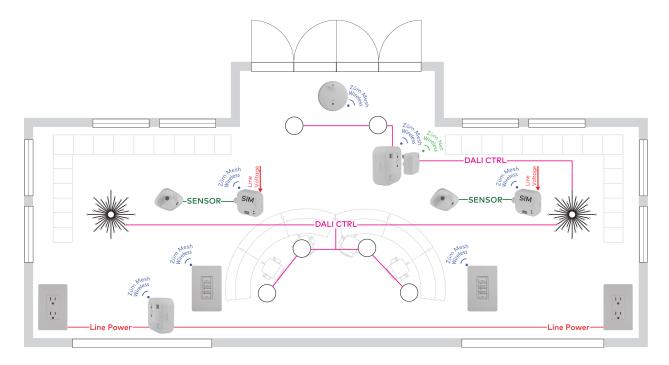
Occupancy Sensor Full Off 130.1(c) 5,130.2(a) Auto Off during vacancy

Daylight Response 130.1(d), 130.2(c) 1 Adjust lights based on available daylight

Controlled Receptacles 130.5(d) Auto Off for receptacle power

LOBBY Title 24 2019

Zūm® Wireless: DALI® Drivers



Bill of Materials

ltem	Product	Qty
	ZUMMESH-JBOX-DALI + NETBRIDGE Zūm Mesh, DALI, + 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
	Receptacle	2

Code

Manual Control Device
130.1(a), 130.1(b)
Local manual switch, multi-
level control

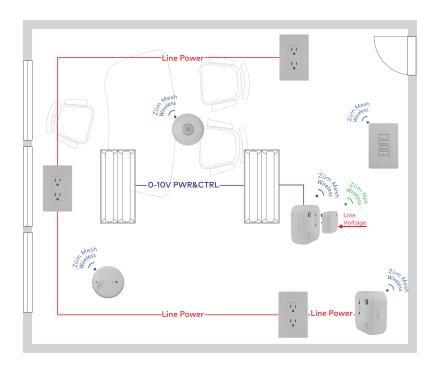
Programmable Timeclock 130.1(c) 1, 130.2(c) 1 & 2 Timeclock-based shut off controls

Occupancy Sensor Full On 130.1(c) 1 Full On during occupancy

Occupancy Sensor Full Off 130.1(c) 5,130.2(a) Auto Off during vacancy

Daylight Response 130.1(d), 130.2(c) 1 Adjust lights based on available daylight

Controlled Receptacles 130.5(d) Auto Off for receptacle power



Bill of Materials

ltem	Product	Qty
(n) j	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
To the state of th	Receptacle	3

Code

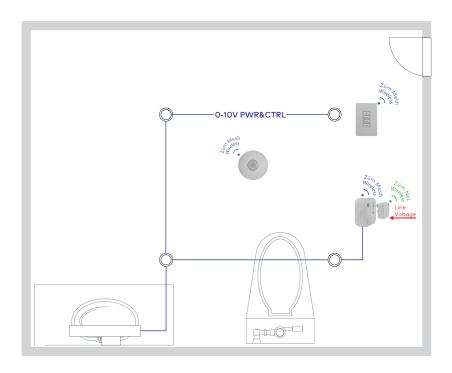
Manual Control Device
130.1(a), 130.1(b)
Local manual switch, multi-
level control

Vacancy Sensor Manual On 130.1.5.B Physical control interface for occupant

Occupancy Sensor Full Off 130.1(c) 5,130.2(a) Auto Off during vacancy

Daylight Response
130.1(d), 130.2(c) 1
Adjust lights based on
available daylight

Controlled Receptacles 130.5(d) Auto Off for receptacle power



Bill of Materials

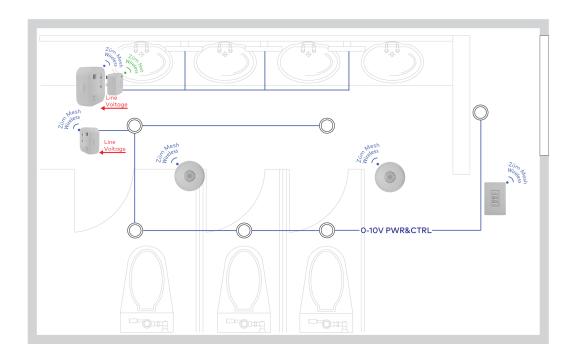
ltem	Product	Qty
	ZUMMESH-JBOX-16A-LV + NETBRIDGE Zūm Mesh, Dimmer, 0-10V, 16A + Network Bridge	1
	ZUMMESH-KP10CBATT Zūm Mesh, Battery-Powered Keypad	1
	ZUMMESH-PIR-OCCUPANCY-BATT Zūm Mesh, Battery-Powered Sensor	1

Code

Occupancy Sensor Full On 130.1(c) 1 Full On during occupancy

Occupancy Sensor Full Off 130.1(c) 5,130.2(a) Auto Off during vacancy

Daylight Response 130.1(d), 130.2(c) 1 Adjust lights based on available daylight



Bill of Materials

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

Code

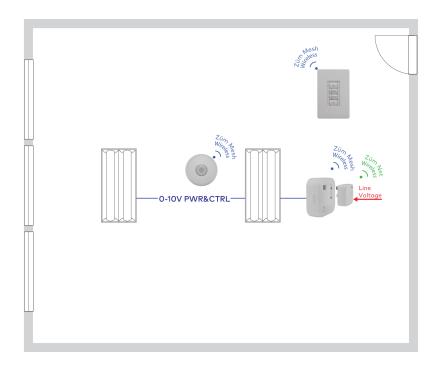
Manual Cor	ntrol [Device
130.1(a), 130).1(b)	
Local manu	al swi	tch, multi-
level contro	I	
Occupancy	Senso	r Full On
130.1(c) 1		
Full On duri	ng oc	cupancy

Occupancy Sensor Full Off 130.1(c) 5,130.2(a) Auto Off during vacancy

Daylight Response 130.1(d), 130.2(c) 1 Adjust lights based on available daylight

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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
130.1(a), 130.1(b)
Local manual switch, multi-
level control

Vacancy Sensor Manual On 130.1.5.B Physical control interface for occupant

Occupancy Sensor Full Off 130.1(c) 5,130.2(a) Auto Off during vacancy

Daylight Response 130.1(d), 130.2(c) 1 Adjust lights based on available daylight



Contact Info		
Name		
Company		
Address 1		
Address 2		
City, State, Zip		
Phone		
Email		
Website		

Square Footage	Cost/Sq. Ft.