IECC 2021 Zūm® Wired 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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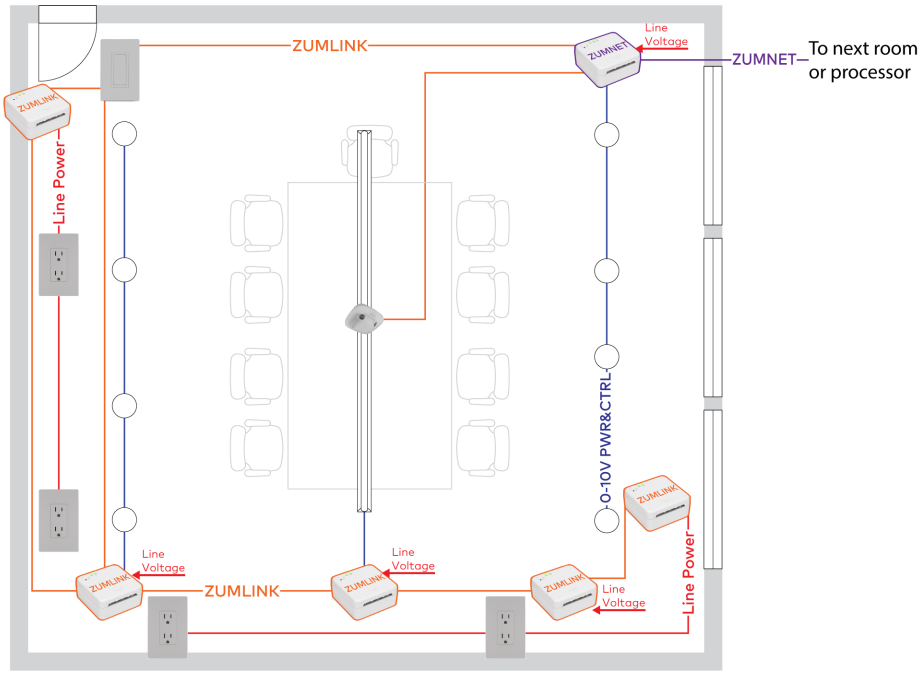
Zūm® Wired: 0 - 10V Drivers



Bill of Materials

Item	Product	Qty
	ZUMNET-JBOX-16A-LV Zūm Net, Dimmer, 0-10V, 16A	1
	ZUMLINK-JBOX-16A-LV Zūm Link, Dimmer, 0-10V 16A	3
	ZUMLINK-JBOX-20A-PLUG Zūm Link, Plug, 20A	2
	ZUMLINK-KP Zūm Link Keypad, Manual Control	1
	ZUMLINK-DT-QUATTRO-DLS Zūm Link Presence Detector/ Closed-Loop Daylight Sensor	1
	Receptacle	4
ZUMLINK	CBL-CAT5E-ZUMLINK-P Zūm Link CAT5e, various lengths	TBD
ZUMNET	CBL-CAT5E-ZUMNET-P Zūm Net CAT5e, various lengths	TBD

Code

Manual Control Device
C405.2.3.1, C405.2.6
Physical control interface for occupant

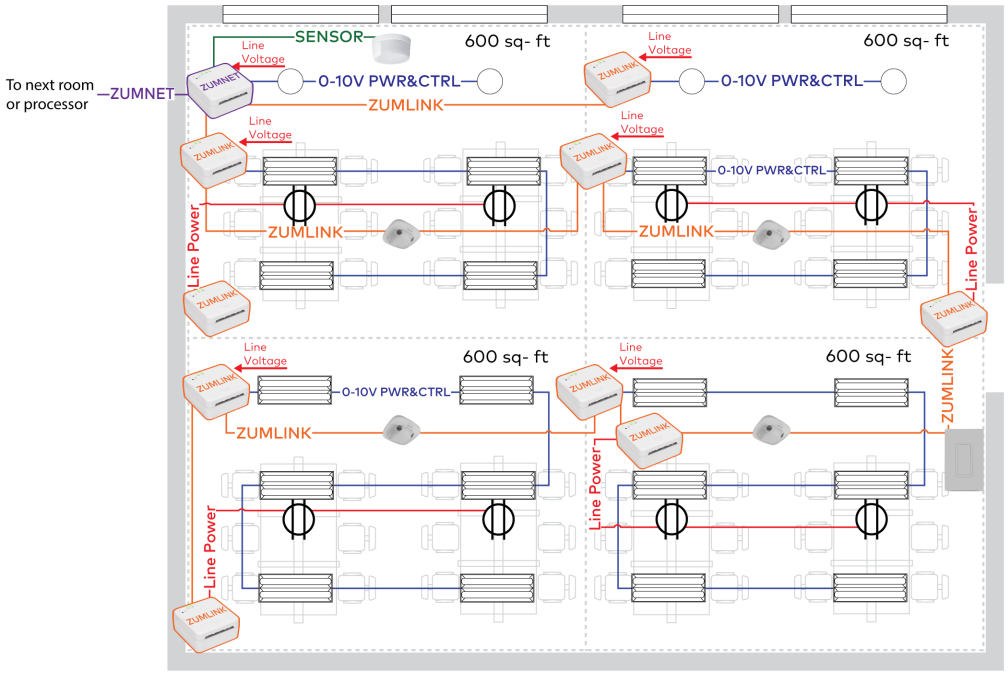
Occupancy Sensor
C405.2.1, C405.2.1.1
Motion detection: Automatic On, Automatic Off

Vacancy Sensor
C405.2.1.1
Motion detection: Manual On, Automatic Off

Daylight Response
C405.2.4, C405.2.4.1, C405.2.7.1
Exception C405.2.4.1
Adjust lights based on available daylight

Controlled Receptacles
C405.11, C405.11.1,
Control of receptacle power

Zūm® Wired: 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
	ZUMNET-JBOX-16A-LV Zūm Net, Dimmer, 0-10V, 16A	1
	ZUMLINK-JBOX-16A-LV Zūm Link, Dimmer, 0-10V 16A	5
	ZUMLINK-JBOX-20A-PLUG Zūm Link, Plug, 20A	1
	ZUMLINK-KP Zūm Link Keypad, Manual Control	1
	ZUMLINK-DT-QUATTRO-DLS Zūm Link Presence Detector/ Closed-Loop Daylight Sensor	4
	GLA-LDL-PC-0-10 Open/Closed Loop Daylight Sensor	1
ZUMLINK	CBL-CAT5E-ZUMLINK-P Zūm Link CAT5e, various lengths	TBD
ZUMNET	CBL-CAT5E-ZUMNET-P Zūm Net CAT5e, various lengths	TBD

Code

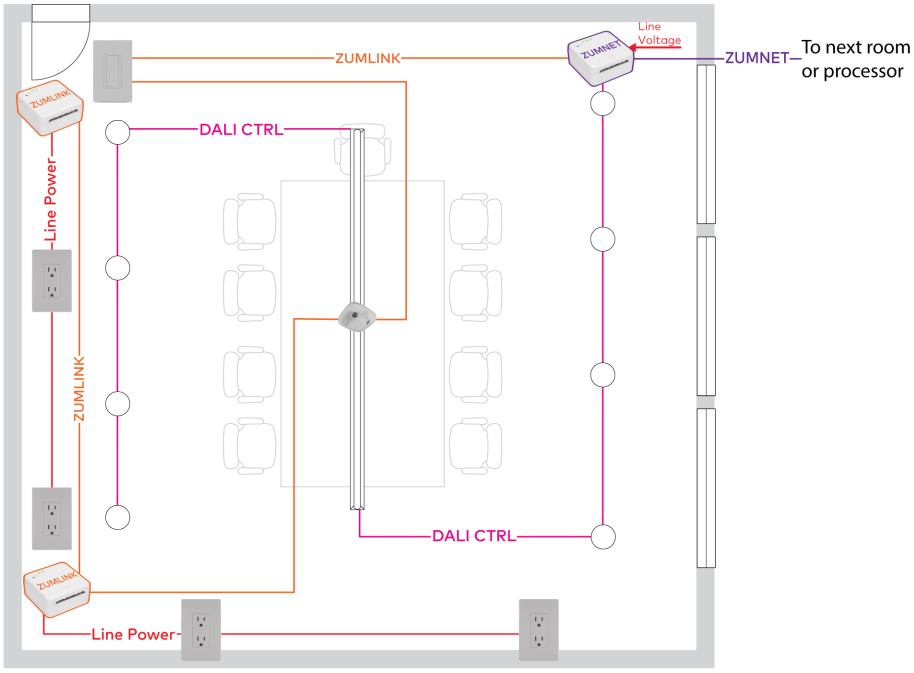
Manual Control Device
C405.2.3.1, C405.2.6
Physical control interface for occupant

Occupancy Sensor
C405.2.1, C405.2.1.1
Motion detection: Automatic On, Automatic Off

Daylight Response
C405.2.4, C405.2.4.1, C405.2.7.1
Exception C405.2.4.1
Adjust lights based on available daylight

Controlled Receptacles
C405.11, C405.11.1,
Control of receptacle power

Zūm® Wired: DALI® Drivers



Bill of Materials

Item	Product	Qty
	ZUMLINK-JBOX-20A-PLUG Zūm Link, Plug, 20A	2
	ZUMNET-JBOX-DALI Zūm Net, DALI	1
	ZUMLINK-KP Zūm Link Keypad, Manual Control	1
	ZUMLINK-DT-QUATTRO-DLS Zūm Link Presence Detector/ Closed-Loop Daylight Sensor	1
	Receptacle	4
ZUMLINK	CBL-CAT5E-ZUMLINK-P Zūm Link CAT5e, various lengths	TBD
ZUMNET	CBL-CAT5E-ZUMNET-P Zūm Net CAT5e, various lengths	TBD

Code

Manual Control Device
C405.2.3.1, C405.2.6
Physical control interface for occupant

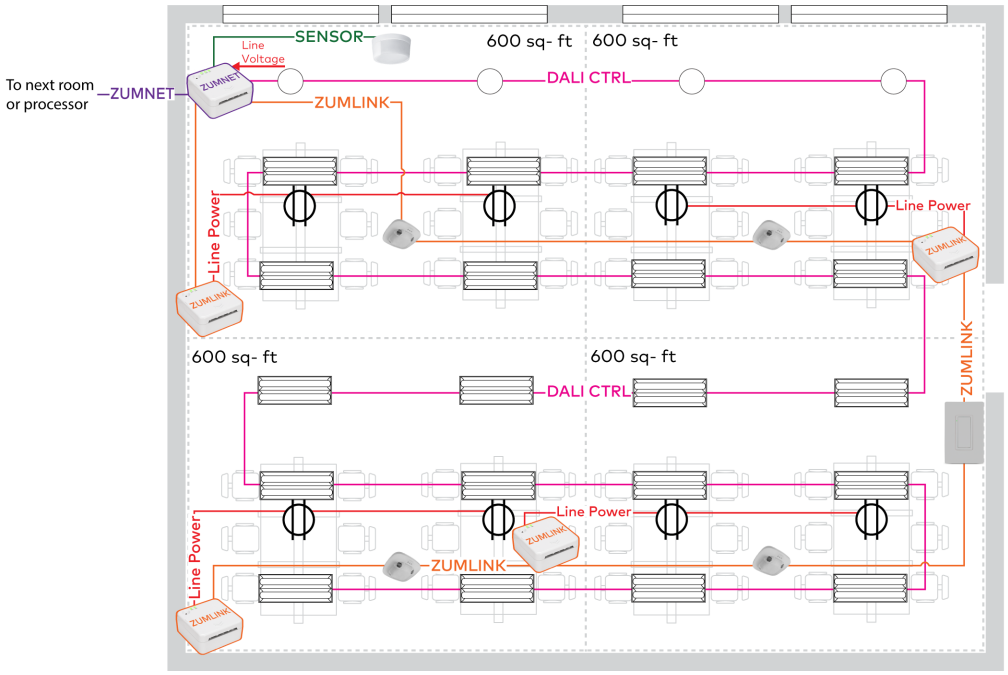
Occupancy Sensor
C405.2.1, C405.2.1.1
Motion detection: Automatic On, Automatic Off

Vacancy Sensor
C405.2.1.1
Motion detection: Manual On, Automatic Off

Daylight Response
C405.2.4, C405.2.4.1, C405.2.7.1
Exception C405.2.4.1
Adjust lights based on available daylight

Controlled Receptacles
C405.11, C405.11.1,
Control of receptacle power

Zūm® Wired: 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
	ZUMLINK-JBOX-20A-PLUG Zūm Link, Plug, 20A	4
	ZUMNET-JBOX-DALI Zūm Net, DALI	1
	ZUMLINK-KP Zūm Link Keypad, Manual Control	1
	ZUMLINK-DT-QUATTRO-DLS Zūm Link Presence Detector/ Closed-Loop Daylight Sensor	4
	GLA-LDL-PC-0-10 Open/Closed Loop Daylight Sensor	1
ZUMLINK	CBL-CAT5E-ZUMLINK-P Zūm Link CAT5e, various lengths	TBD
ZUMNET	CBL-CAT5E-ZUMNET-P Zūm Net CAT5e, various lengths	TBD

Code

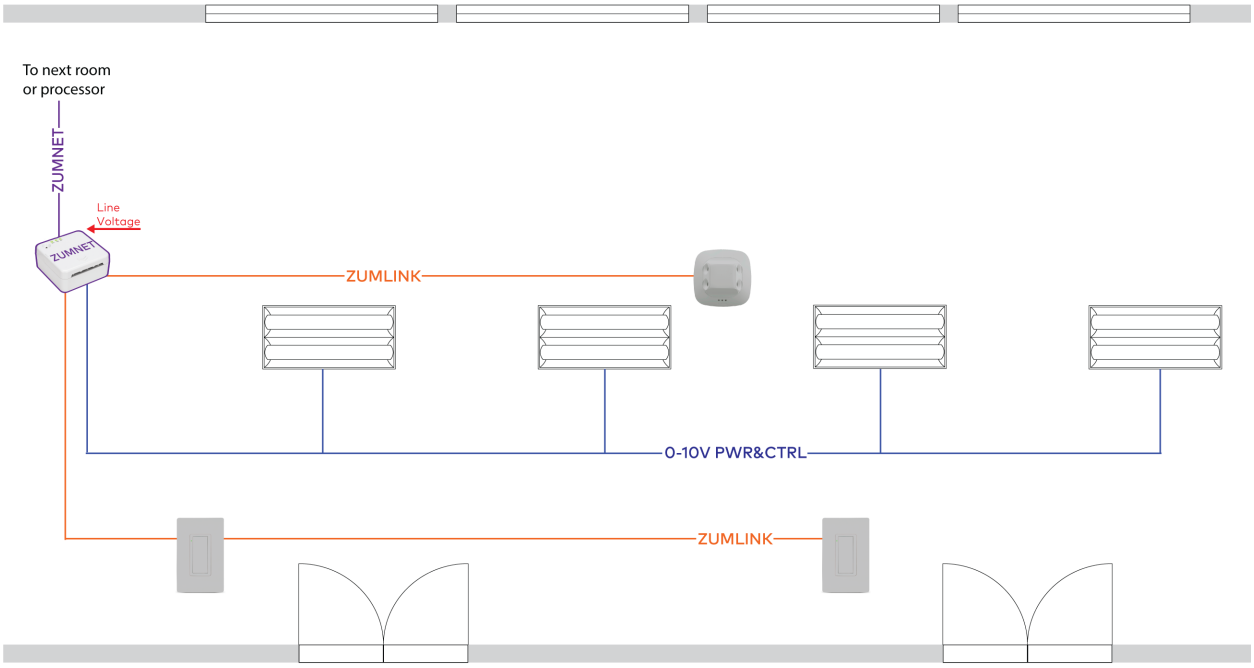
Manual Control Device
C405.2.3.1, C405.2.6
Physical control interface for occupant

Occupancy Sensor
C405.2.1, C405.2.1.1
Motion detection: Automatic On, Automatic Off

Daylight Response
C405.2.4, C405.2.4.1, C405.2.7.1
Exception C405.2.4.1
Adjust lights based on available daylight

Controlled Receptacles
C405.11, C405.11.1,
Control of receptacle power

Zūm® Wired: 0 - 10V Drivers



Bill of Materials

Item	Product	Qty
	ZUMNET-JBOX-16A-LV Zūm Net, Dimmer, 0-10V, 16A	1
	ZUMLINK-KP Zūm Link Keypad, Manual Control	2
	ZUMLINK-US-HALLWAY-DLS Zūm Link Presence Detector Closed-Loop Daylight Sensor	1
ZUMLINK	CBL-CAT5E-ZUMLINK-P Zūm Link CAT5e, various lengths	TBD
ZUMNET	CBL-CAT5E-ZUMNET-P Zūm Net CAT5e, various lengths	TBD

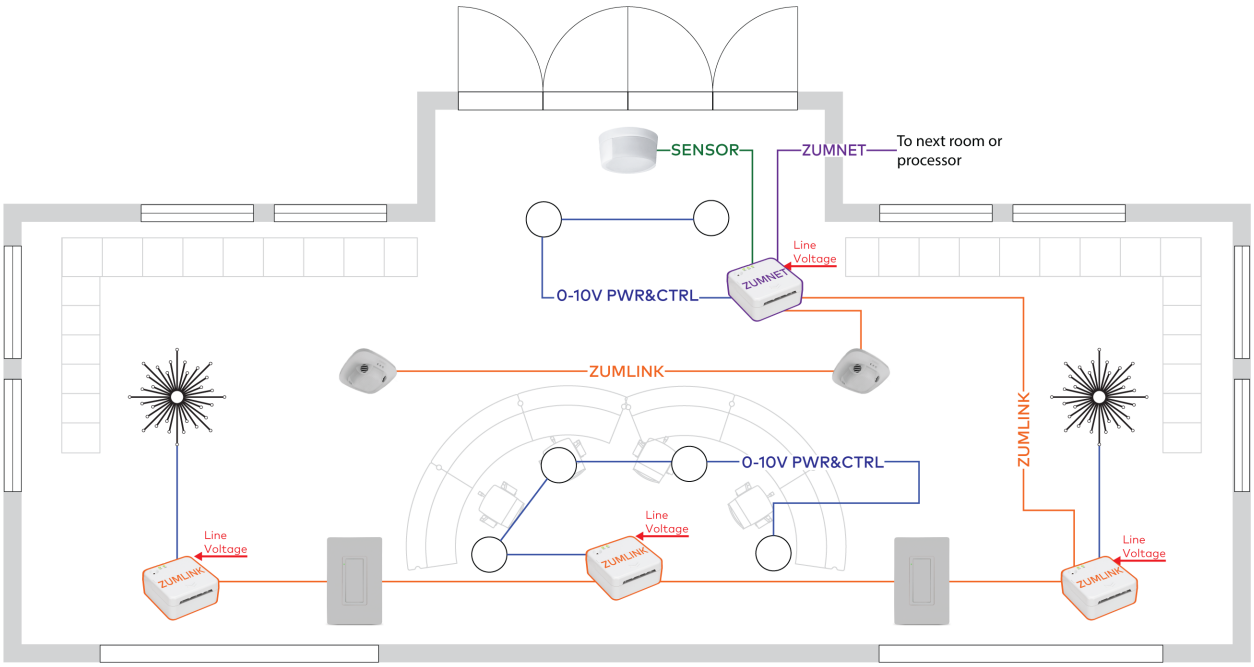
Code

Manual Control Device
C405.2.3.1, C405.2.6
Physical control interface for occupant

Occupancy Sensor
C405.2.1, C405.2.1.1
Motion detection: Automatic On, Automatic Off

Daylight Response
C405.2.4, C405.2.4.1, C405.2.7.1
Exception C405.2.4.1
Adjust lights based on available daylight

Zūm® Wired: 0 - 10V Drivers



Bill of Materials

Item	Product	Qty
	ZUMNET-JBOX-16A-LV Zūm Net, Dimmer, 0-10V, 16A	1
	ZUMLINK-JBOX-16A-LV Zūm Link, Dimmer, 0-10V 16A	3
	ZUMLINK-KP Zūm Link Keypad, Manual Control	2
	ZUMLINK-DT-QUATTRO-DLS Zūm Link Presence Detector/ Closed-Loop Daylight Sensor	2
	GLA-LDL-PC-0-10 Open/Closed Loop Daylight Sensor	1
ZUMLINK	CBL-CAT5E-ZUMLINK-P Zūm Link CAT5e, various lengths	TBD
ZUMNET	CBL-CAT5E-ZUMNET-P Zūm Net CAT5e, various lengths	TBD

Code

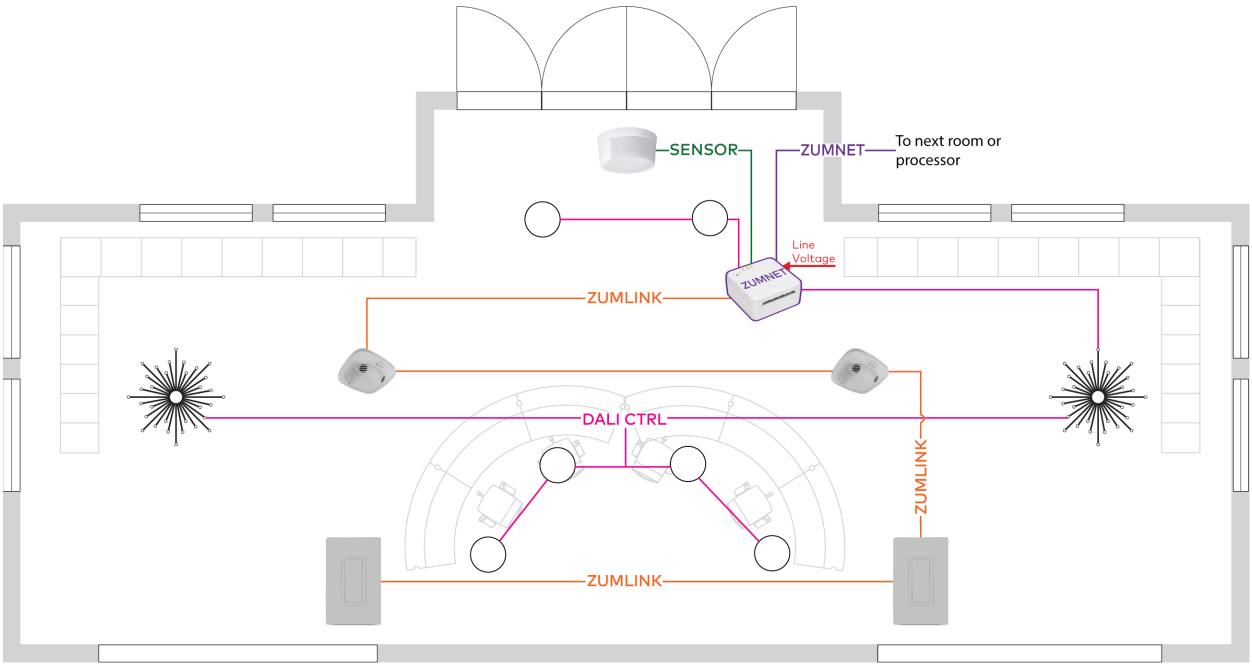
Manual Control Device
C405.2.3.1, C405.2.6
Physical control interface for occupant

Programmable Timeclock
C405.2.2.1, C405.2.7.1, C405.2.7.2, C405.2.7.3, C405.2.7.4
Programmed time Auto On, Auto Off

Occupancy Sensor
C405.2.1, C405.2.1.1
Motion detection: Automatic On, Automatic Off

Daylight Response
C405.2.4, C405.2.4.1, C405.2.7.1
Exception C405.2.4.1
Adjust lights based on available daylight

Zūm® Wired: DALI® Drivers



Bill of Materials

Item	Product	Qty
	ZUMNET-JBOX-DALI Zūm Net, DALI	1
	ZUMLINK-KP Zūm Link Keypad, Manual Control	2
	ZUMLINK-DT-QUATTRO-DLS Zūm Link Presence Detector/ Closed-Loop Daylight Sensor	2
	GLA-LDL-PC-0-10 Open/Closed Loop Daylight Sensor	1
ZUMLINK	CBL-CAT5E-ZUMLINK-P Zūm Link CAT5e, various lengths	TBD
ZUMNET	CBL-CAT5E-ZUMNET-P Zūm Net CAT5e, various lengths	TBD

Code

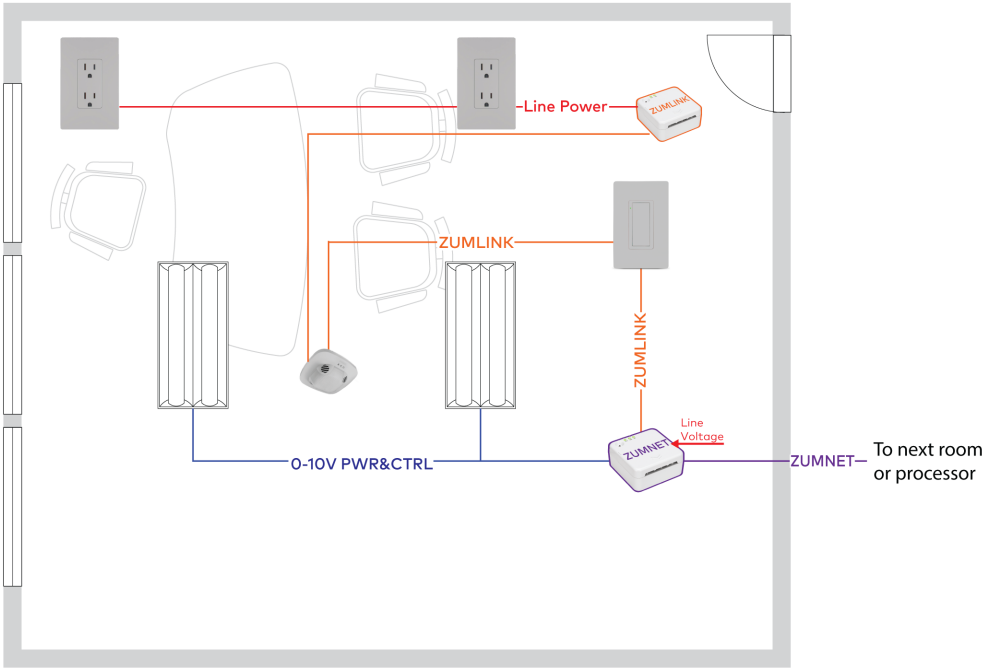
Manual Control Device
C405.2.3.1, C405.2.6
Physical control interface for occupant

Programmable Timeclock
C405.2.2.1, C405.2.7.1, C405.2.7.2, C405.2.7.3, C405.2.7.4
Programmed time Auto On, Auto Off

Occupancy Sensor
C405.2.1, C405.2.1.1
Motion detection: Automatic On, Automatic Off

Daylight Response
C405.2.4, C405.2.4.1, C405.2.7.1
Exception C405.2.4.1
Adjust lights based on available daylight

Zūm® Wired: 0 - 10V Drivers



Bill of Materials

Item	Product	Qty
	ZUMNET-JBOX-16A-LV Zūm Net, Dimmer, 0-10V, 16A	1
	ZUMLINK-JBOX-20A-PLUG Zūm Link, Plug, 20A	1
	ZUMLINK-KP Zūm Link Keypad, Manual Control	1
	ZUMLINK-DT-QUATTRO-DLS Zūm Link Presence Detector/ Closed-Loop Daylight Sensor	1
	Receptacle	2
ZUMLINK	CBL-CAT5E-ZUMLINK-P Zūm Link CAT5e, various lengths	TBD
ZUMNET	CBL-CAT5E-ZUMNET-P Zūm Net CAT5e, various lengths	TBD

Code

Manual Control Device
C405.2.3.1, C405.2.6
Physical control interface for occupant

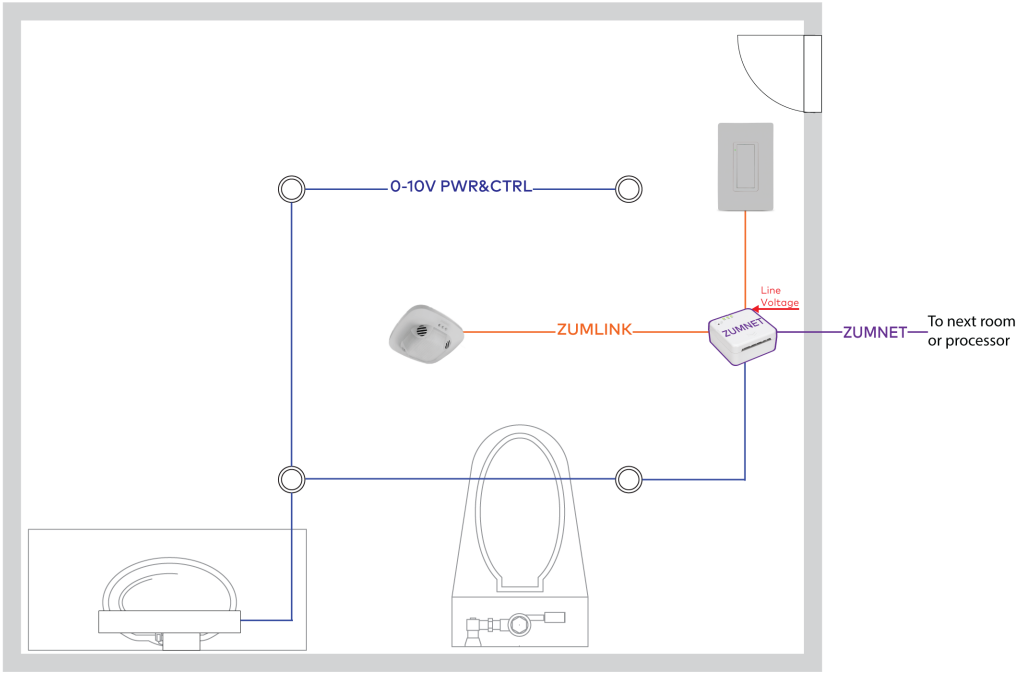
Occupancy Sensor
C405.2.1, C405.2.1.1
Motion detection: Automatic On, Automatic Off

Vacancy Sensor
C405.2.1.1
Motion detection: Manual On, Automatic Off

Daylight Response
C405.2.4, C405.2.4.1, C405.2.7.1
Exception C405.2.4.1
Adjust lights based on available daylight

Controlled Receptacles
C405.11, C405.11.1,
Control of receptacle power

Zūm® Wired: 0 - 10V Drivers



Bill of Materials

Item	Product	Qty
	ZUMNET-JBOX-16A-LV Zūm Net, Dimmer, 0-10V, 16A	1
	ZUMLINK-KP Zūm Link Keypad, Manual Control	1
	ZUMLINK-DT-QUATTRO-DLS Zūm Link Presence Detector/ Closed-Loop Daylight Sensor	1
ZUMLINK	CBL-CAT5E-ZUMLINK-P Zūm Link CAT5e, various lengths	TBD
ZUMNET	CBL-CAT5E-ZUMNET-P Zūm Net CAT5e, various lengths	TBD

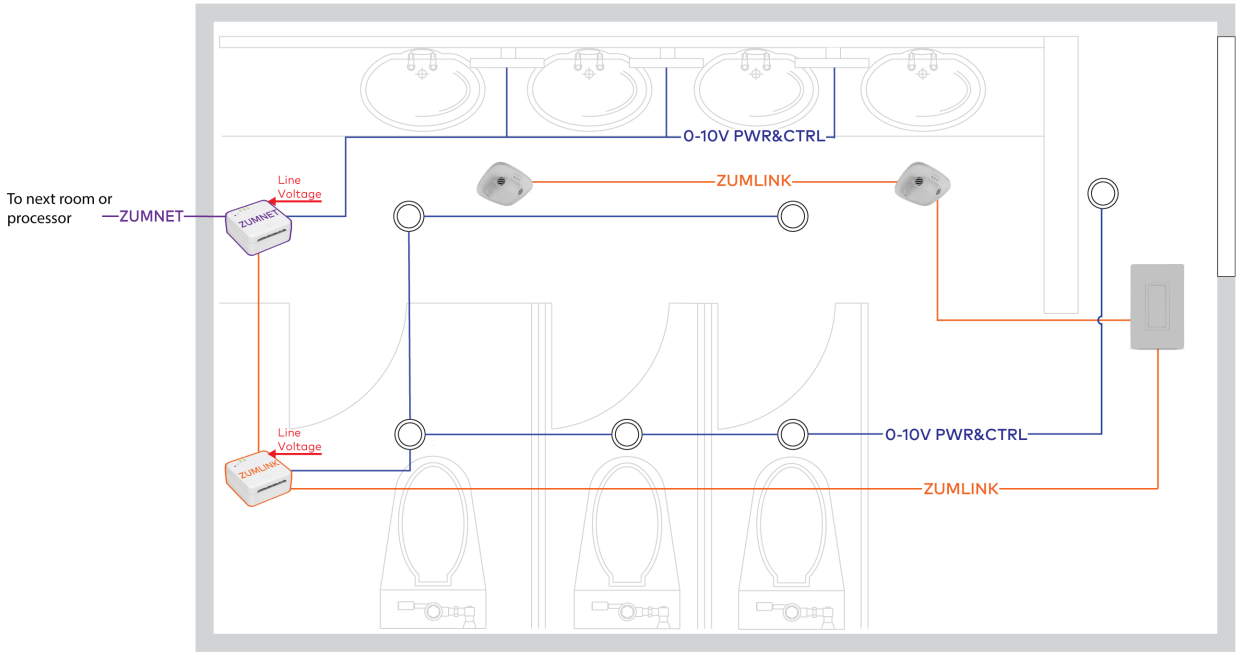
Code

Manual Control Device
C405.2.3.1, C405.2.6
Physical control interface for occupant

Occupancy Sensor
C405.2.1, C405.2.1.1
Motion detection: Automatic On, Automatic Off

Daylight Response
C405.2.4, C405.2.4.1, C405.2.7.1
Exception C405.2.4.1
Adjust lights based on available daylight

Zūm® Wired: 0 - 10V Drivers



Bill of Materials

Item	Product	Qty
	ZUMNET-JBOX-16A-LV Zūm Net, Dimmer, 0-10V, 16A	1
	ZUMLINK-JBOX-16A-LV Zūm Link, Dimmer, 0-10V 16A	1
	ZUMLINK-KP Zūm Link Keypad, Manual Control	1
	ZUMLINK-DT-QUATTRO-DLS Zūm Link Presence Detector/ Closed-Loop Daylight Sensor	2
ZUMLINK	CBL-CAT5E-ZUMLINK-P Zūm Link CAT5e, various lengths	TBD
ZUMNET	CBL-CAT5E-ZUMNET-P Zūm Net CAT5e, various lengths	TBD

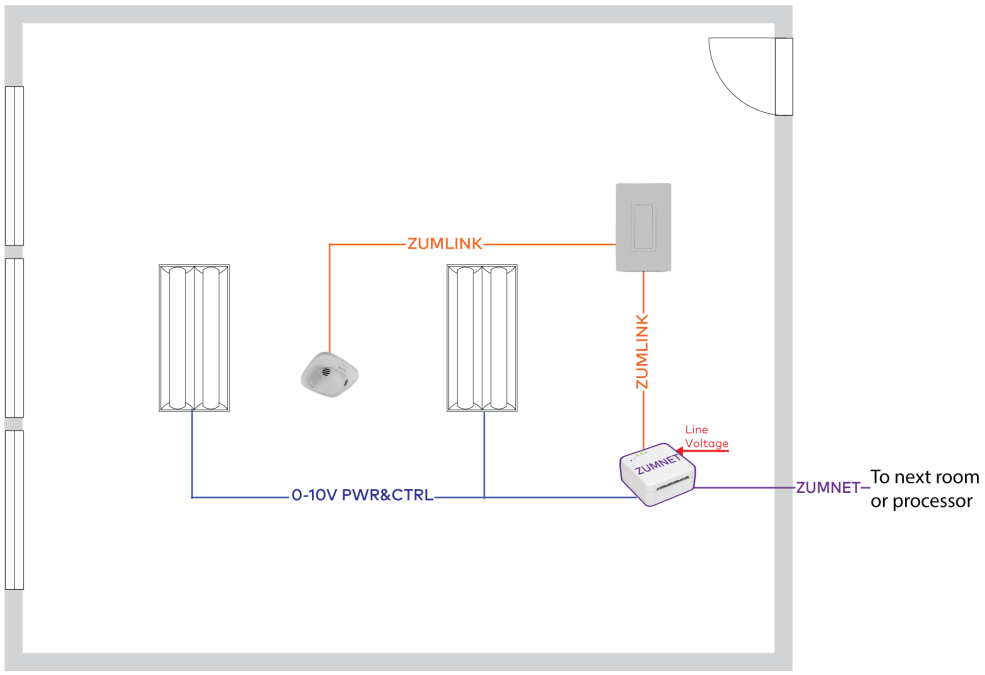
Code

Manual Control Device
C405.2.3.1, C405.2.6
Physical control interface for occupant

Occupancy Sensor
C405.2.1, C405.2.1.1
Motion detection: Automatic On, Automatic Off

Daylight Response
C405.2.4, C405.2.4.1, C405.2.7.1
Exception C405.2.4.1
Adjust lights based on available daylight

Zūm® Wired: 0 - 10V Drivers



Bill of Materials

Item	Product	Qty
	ZUMNET-JBOX-16A-LV Zūm Net, Dimmer, 0-10V, 16A	1
	ZUMLINK-KP Zūm Link Keypad, Manual Control	1
	ZUMLINK-DT-QUATTRO-DLS Zūm Link Presence Detector/ Closed-Loop Daylight Sensor	1
ZUMLINK	CBL-CAT5E-ZUMLINK-P Zūm Link CAT5e, various lengths	TBD
ZUMNET	CBL-CAT5E-ZUMNET-P Zūm Net CAT5e, various lengths	TBD

Code

Manual Control Device
C405.2.3.1, C405.2.6
Physical control interface for occupant

Occupancy Sensor
C405.2.1, C405.2.1.1
Motion detection: Automatic On, Automatic Off

Vacancy Sensor
C405.2.1.1
Motion detection: Manual On, Automatic Off

Daylight Response
C405.2.4, C405.2.4.1, C405.2.7.1
Exception C405.2.4.1
Adjust lights based on available daylight

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

Project Notes

Square Footage	Cost/Sq. Ft.