



# IECC 2018 Zūm<sup>®</sup> Wired Solutions Education 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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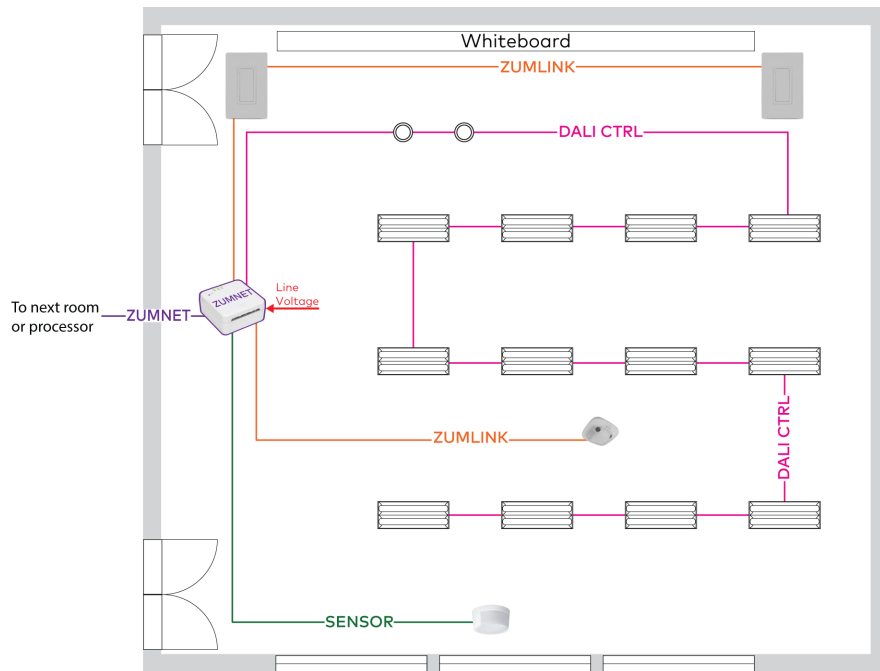
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# Zūm® Wired: DALI® Drivers



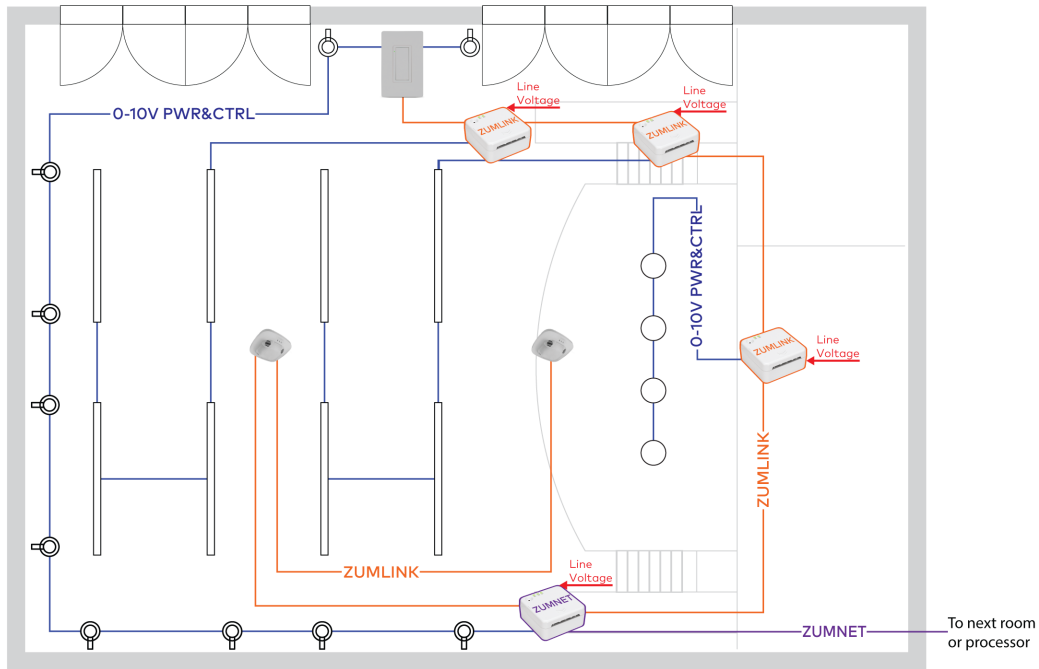
## Bill of Materials

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	1
	GLA-LDL-PC-0-10 Open/Closed Loop Daylight Sensor	1
	CBL-CAT5E-ZUMLINK-P Zūm Link CAT5e, various lengths	TBD
	CBL-CAT5E-ZUMNET-P Zūm Net CAT5e, various lengths	TBD







## Code

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

# Zūm® Wired: 0 - 10V Drivers



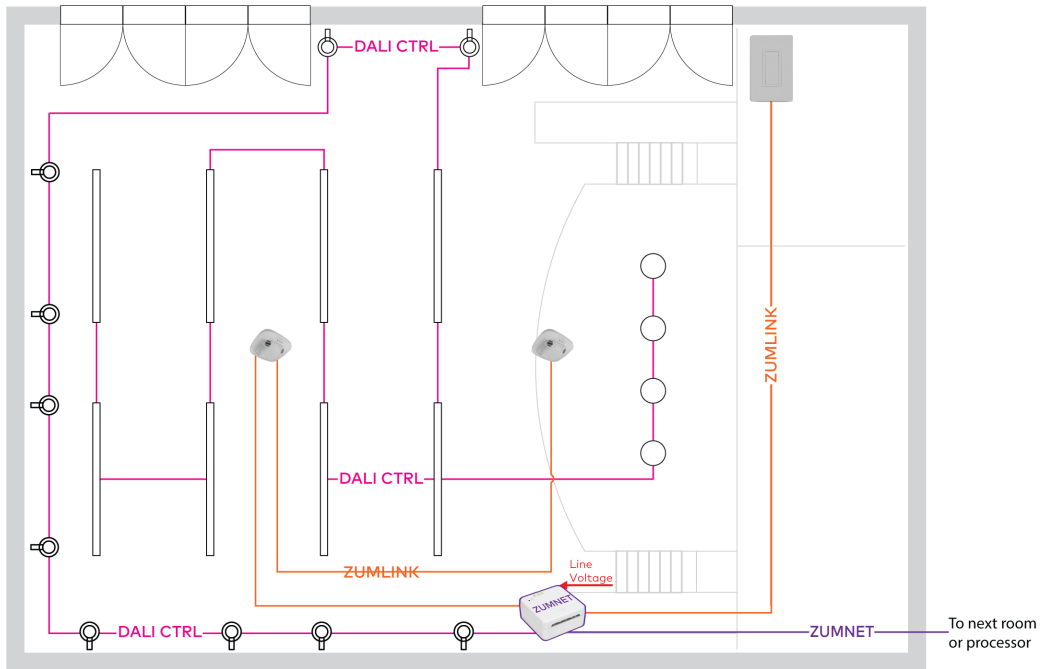
## Bill of Materials

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	1
	ZUMLINK-DT-QUATTRO-DLS Zūm Link Presence Detector/ Closed-Loop Daylight Sensor	2
	CBL-CAT5E-ZUMLINK-P Zūm Link CAT5e, various lengths	TBD
	CBL-CAT5E-ZUMNET-P Zūm Net CAT5e, various lengths	TBD






## Code

- Manual Control Device**  
C405.2.5, C405.2.2.2  
Physical control interface for occupant
- Occupancy Sensor Partial On**  
C405.2.1.1  
Partial On during occupancy
- Occupancy Sensor Full Off**  
C405.2.1  
Auto Off during vacancy
- Occupancy Sensor Partial Off**  
C405.2.1  
Partial Off during vacancy
- Daylight Response**  
C405.2, C405.2.61  
Exception C405.2.3.1  
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	1
	ZUMLINK-DT-QUATTRO-DLS Zūm Link Presence Detector/ Closed-Loop Daylight Sensor	2
	CBL-CAT5E-ZUMLINK-P Zūm Link CAT5e, various lengths	TBD
	CBL-CAT5E-ZUMNET-P Zūm Net CAT5e, various lengths	TBD

## 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

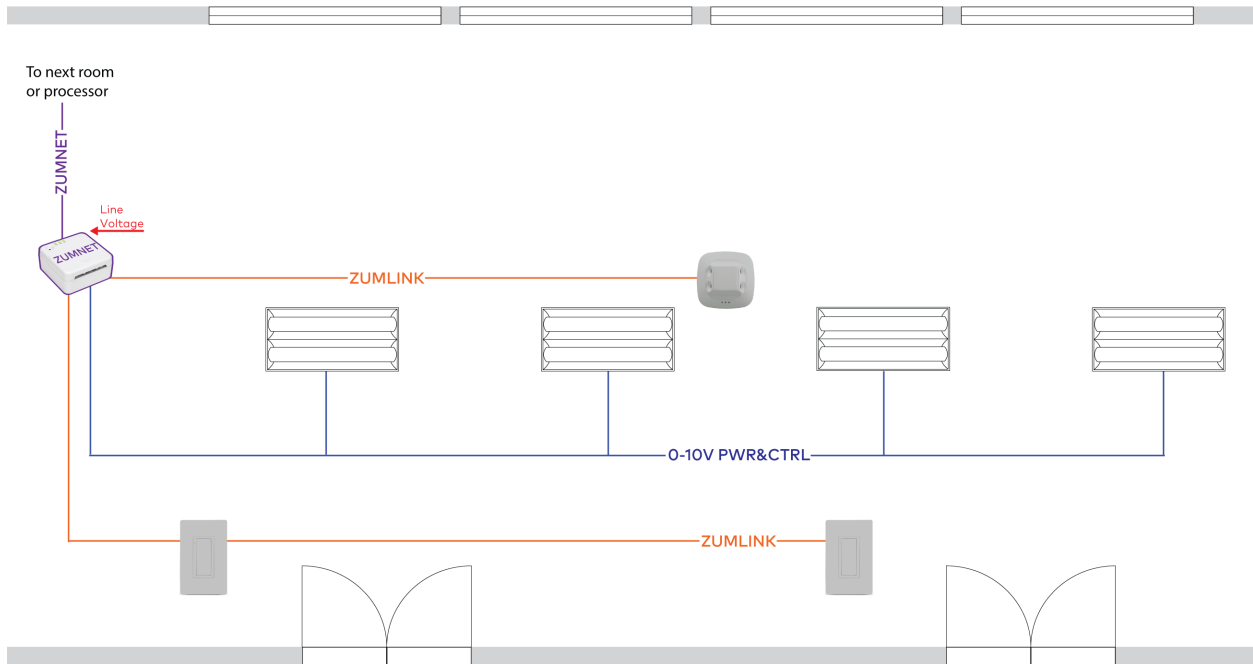
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- Occupancy Sensor Partial Off**  
C405.2.1  
Partial Off during vacancy






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

## Züm® Wired: 0 - 10V Drivers



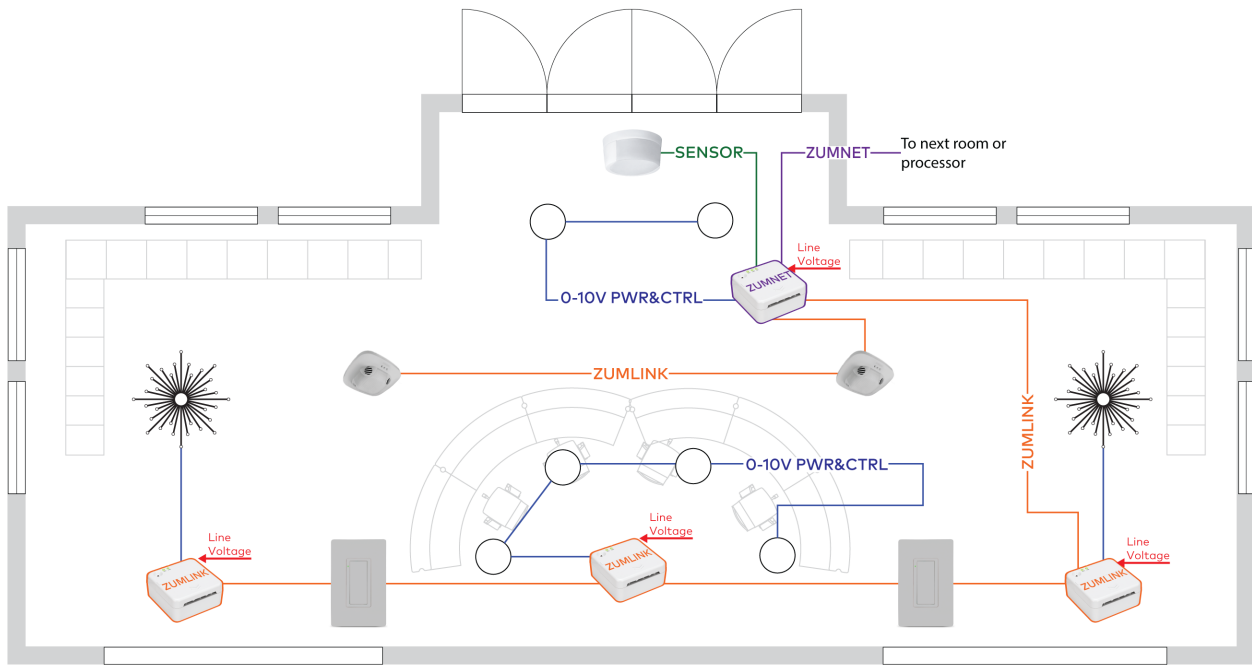
## Bill of Materials

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

## 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

# Züm® Wired: 0 - 10V Drivers



## Bill of Materials

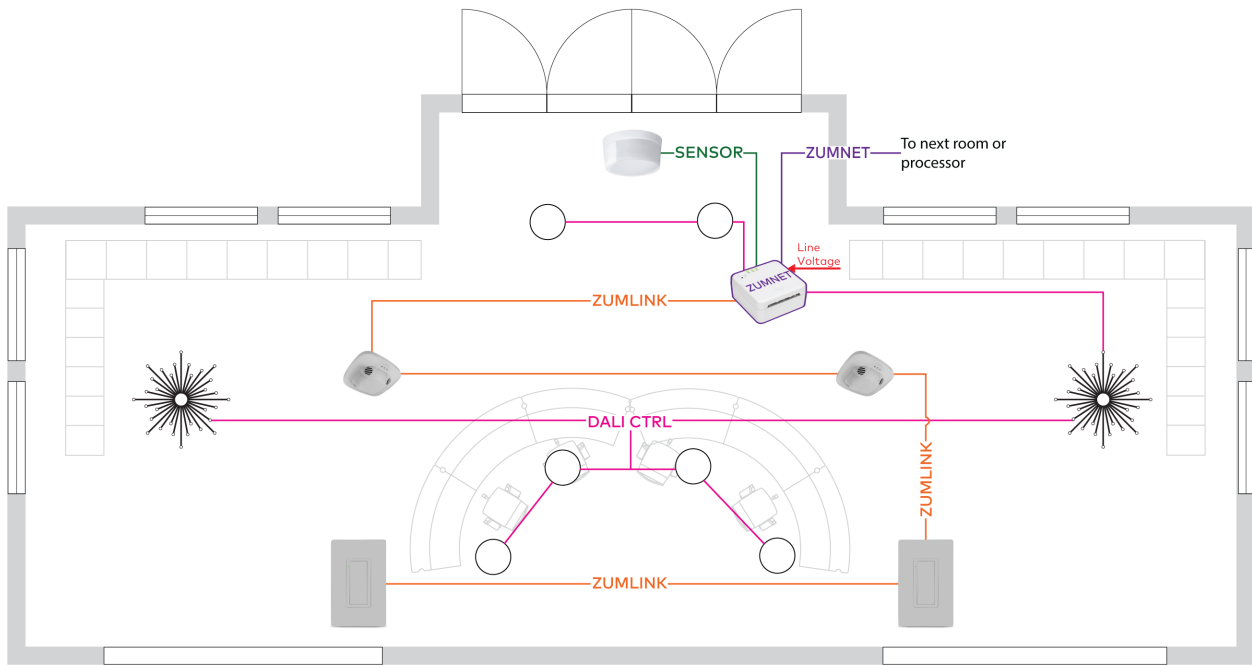
Item	Product	Qty
	ZUMNET-JBOX-16A-LV Züm Net, Dimmer, 0-10V, 16A	1
	ZUMLINK-JBOX-16A-LV Züm Link, Dimmer, 0-10V 16A	3
	ZUMLINK-KP Züm Link Keypad, Manual Control	2
	ZUMLINK-DT-QUATTRO-DLS Züm Link Presence Detector/ Closed-Loop Daylight Sensor	2
	GLA-LDL-PC-0-10 Open/Closed Loop Daylight Sensor	1
	CBL-CAT5E-ZUMLINK-P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

## Code







- Manual Control Device**  
C405.2.5, C405.2.2.2  
Physical control interface for occupant
- Programmable Timeclock**  
C405.2.2.1, C405.2.6.2,  
C405.2.6.3, C405.2.6.4  
Programmable partial On
- 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® 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
	CBL-CAT5E-ZUMLINK-P Zūm Link CAT5e, various lengths	TBD
	CBL-CAT5E-ZUMNET-P Zūm Net CAT5e, various lengths	TBD

## 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

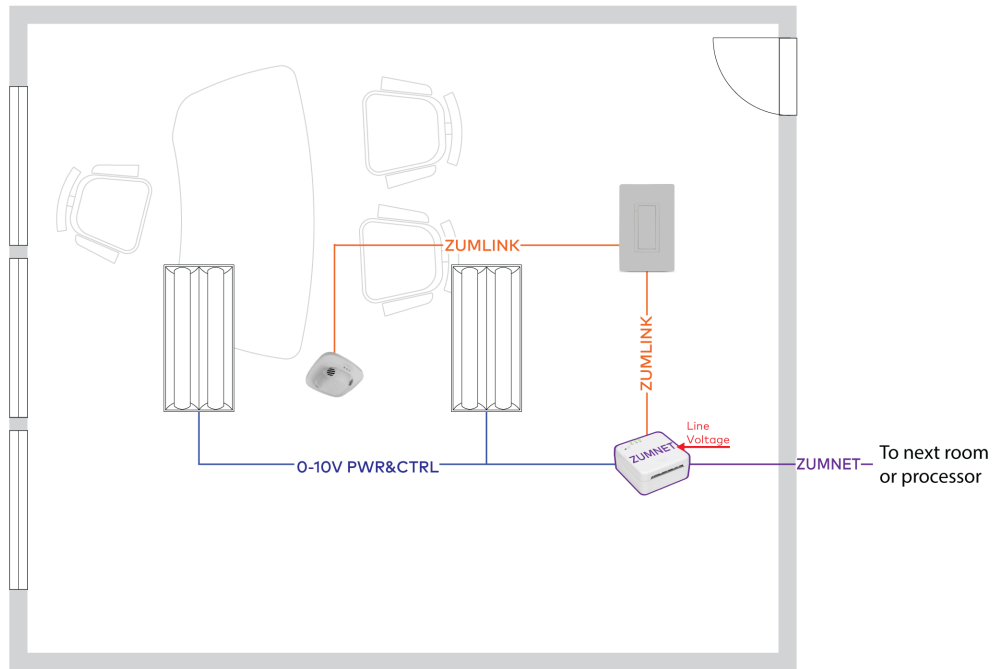
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- Occupancy Sensor Full Off**  
C405.2.1  
Auto Off during vacancy






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

# Zūm® 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
	CBL-CAT5E-ZUMLINK-P Zūm Link CAT5e, various lengths	TBD
	CBL-CAT5E-ZUMNET-P Zūm Net CAT5e, various lengths	TBD

## 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

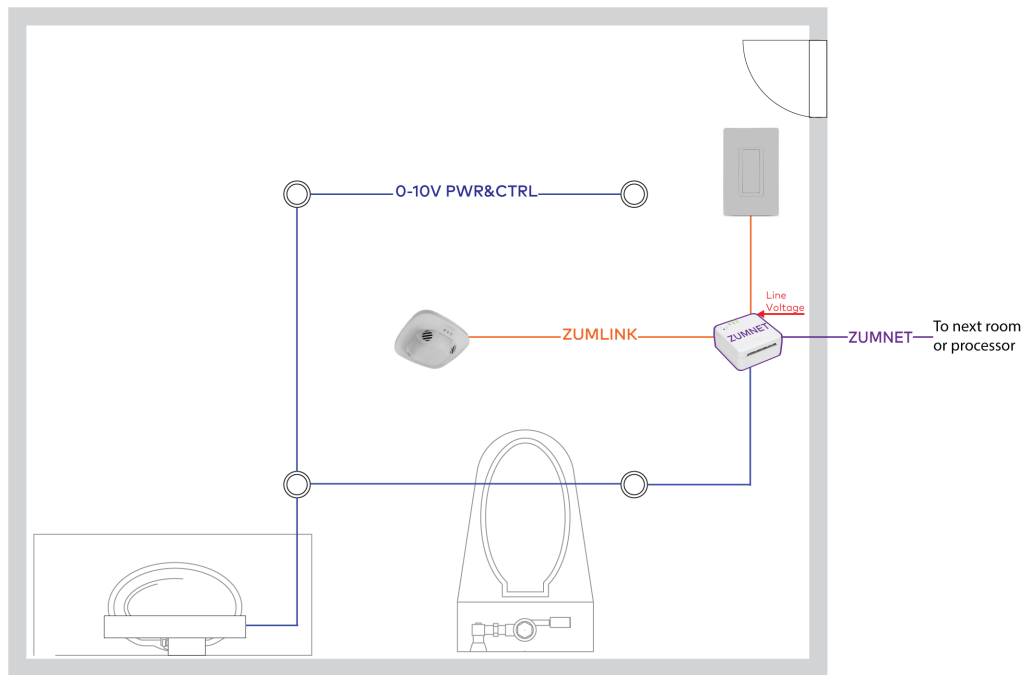
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- Occupancy Sensor Full Off**  
C405.2.1  
Auto Off during vacancy






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

# Zūm® Wired: 0 - 10V Drivers



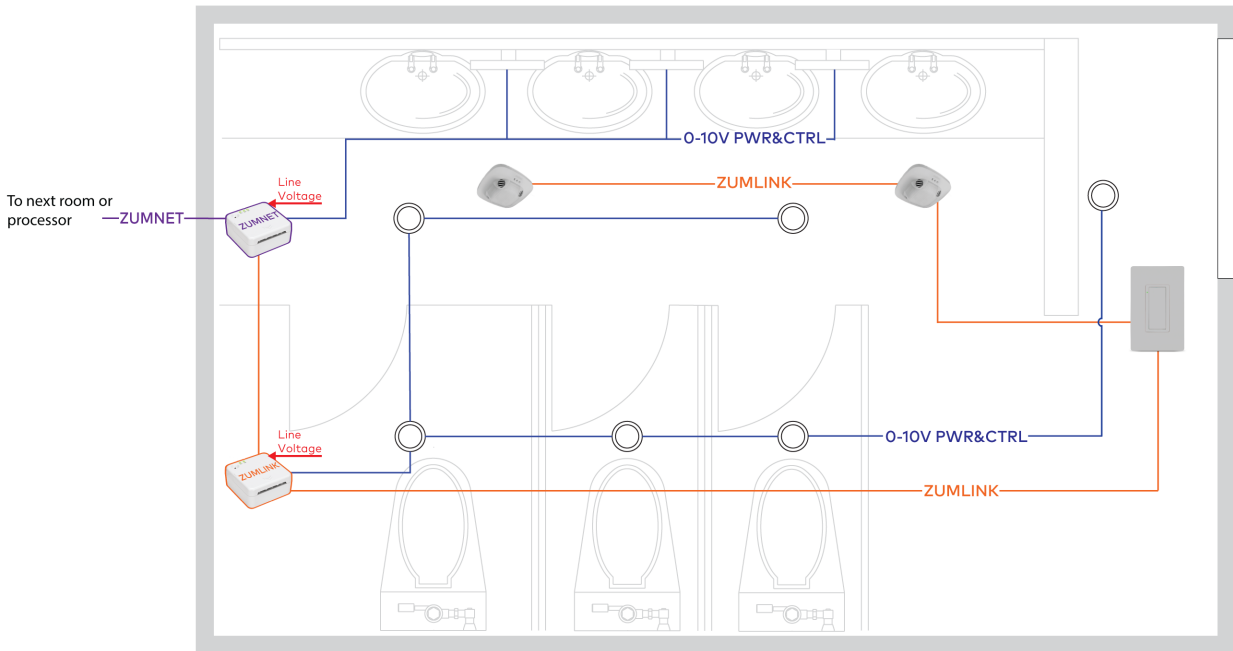
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Item	Product	Qty
	ZUMNET-JBOX-16A-LV Zūm Net, Dimmer, 0-10V, 16A	1
	ZUMLINK-KP Zūm Link Keypad, Manual Control	1
	ZUMLINK-DT-QUATTRO-DLS Zūm Link Presence Detector/ Closed-Loop Daylight Sensor	1
	CBL-CAT5E-ZUMLINK-P Zūm Link CAT5e, various lengths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







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C405.2.1, C405.2.1.1  
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C405.2.1  
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Exception C405.2.3.1  
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# Zūm® Wired: 0 - 10V Drivers



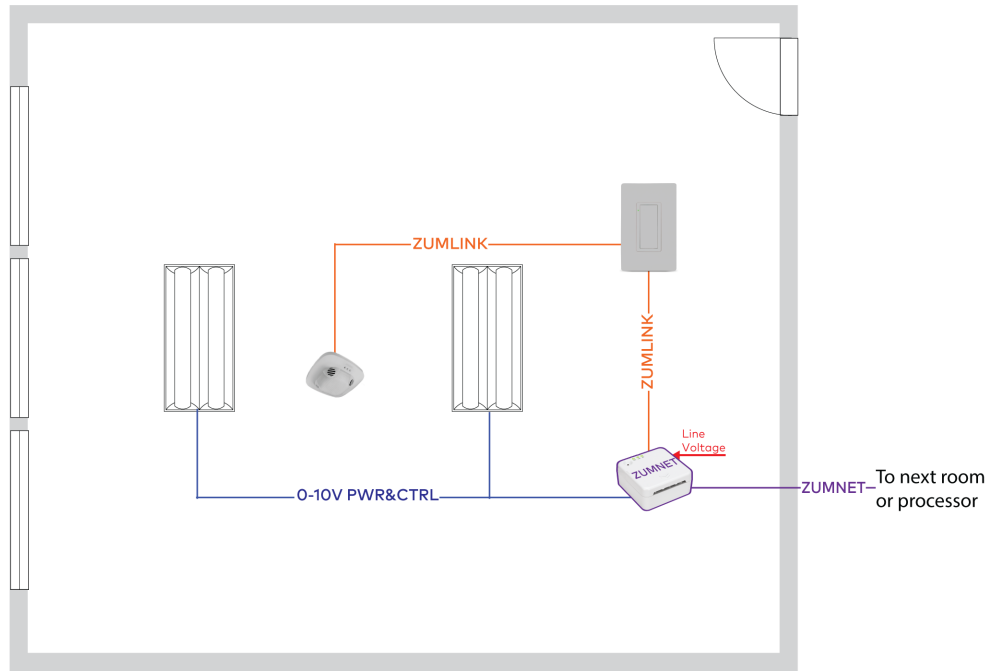
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Item	Product	Qty
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	ZUMLINK-JBOX-16A-LV Zūm Link, Dimmer, 0-10V 16A	1
	ZUMLINK-KP Zūm Link Keypad, Manual Control	1
	ZUMLINK-DT-QUATTRO-DLS Zūm Link Presence Detector/ Closed-Loop Daylight Sensor	2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






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- Occupancy Sensor Full Off**  
C405.2.1  
Auto Off during vacancy
- Daylight Response**  
C405.2, C405.2.61  
Exception C405.2.3.1  
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	ZUMLINK-DT-QUATTRO-DLS Zūm Link Presence Detector/ Closed-Loop Daylight Sensor	1
	CBL-CAT5E-ZUMLINK-P Zūm Link CAT5e, various lengths	TBD
	CBL-CAT5E-ZUMNET-P Zūm Net CAT5e, various lengths	TBD

## 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

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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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