

Duluth Coworking Space
Control Intent Schedule
December 18, 2024

Zone Information

Control Zone	a			b	c	d	e
Zone Name	Open Office			Reception	Conference Room	Bathroom	Kitchen
Control Subzone	aa	ab	ac	---	---	---	---
Subzone Name	Primary Daylight	Secondary Daylight	Non-daylight	---	---	---	---
Fixture Type	A and/or A-EM			C	B	B	C
Fixture Description	2' x 4' LED troffer			6" O.D. LED wallwasher	2' x 2' LED troffer	2' x 2' LED troffer	6" O.D. LED wallwasher
Unique Fixture Locations	#8 - #10	#4 - #7	#1 - #3	#15 - #19	#11 - #12	#13 - #14	#20 - #23
Quantity	3	4	3	5	2	2	4
Watts/Each	30	30	30	25	30	30	25
Total Zone Wattage	90	120	90	125	60	60	100
Total Zone Amperage @ 120 volts	0.75 amps	1.0 amps	0.75 amps	1.04 amps	0.5 amps	0.5 amps	0.83 amps
Load Type	0-10V dimming			Phase-control dimming	0-10V dimming	0-10V dimming	Phase-control dimming

Control Strategies, Devices & Settings

Manual Control	yes			yes	yes	yes	yes
Manual Control device	5-button dimmer switch (PJ2-3BRL-GWH) with Full On, Full Off, Raise, Lower, Favorite buttons	5-button dimmer switch (PJ2-3BRL-GWH) with Full On, Full Off, Raise, Lower, Favorite buttons	5-button dimmer switch (PJ2-3BRL-GWH) with Full On, Full Off, Raise, Lower, Favorite buttons	5-button dimmer switch (PJ2-3BRL-GWH) with Full On, Full Off, Raise, Lower, Favorite buttons	4-button scene selector switch enabling selection of 3 scenes plus full OFF (PJ2-4B-GWH-L31)	5-button dimmer switch (PJ2-3BRL-GWH) with Full On, Full Off, Raise, Lower, Favorite buttons	5-button dimmer switch (PJ2-3BRL-GWH) with Full On, Full Off, Raise, Lower, Favorite buttons
"Favorite" (preset) button setting	50%	50%	75%	75%	---	25%	10%
Scene 1	---			---	50%	---	---
Scene 2	---			---	10%	---	---
Scene 3	---			---	75%	---	---
Occupancy Sensing	yes			yes	yes	yes	yes
Occupancy Sensing device	fixture-integrated pre-installed with controller (FC-SENSOR)	fixture-integrated pre-installed with controller (FC-SENSOR)	fixture-integrated pre-installed with controller (FC-SENSOR)	standalone battery-powered occupancy sensor (LRF2-OCR2B-P-WH)	fixture-integrated pre-installed with controller (FC-SENSOR)	fixture-integrated pre-installed with controller (FC-SENSOR)	standalone battery-powered occupancy sensor (LRF2-OCR2B-P-WH)
"Occupied" light level	35%	50%	25%	50%	50%	50%	---
"Vacant" light level	10%	10%	10%	10%	0%	0%	0%
Sensitivity	Medium	Medium	Medium	Medium	Medium	High	Medium
Timeout delay	10 minutes	10 minutes	10 minutes	10 minutes	10 minutes	10 minutes	10 minutes
Fade rate	2 seconds	2 seconds	2 seconds	---	5 seconds	5 seconds	---
Occupancy sensor notes	---	---	---	---	parallel operation of all occupancy sensors in conference room troffers	parallel operation of all occupancy sensors in bathroom troffers	program this as a "vacancy sensor" (MANUAL-ON/AUTO-OFF)

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Subzone Name	Primary Daylight	Secondary Daylight	Non-daylight	---	---	---	---
Daylight Harvesting	yes	yes	yes	no	yes	no <disable photosensor in software>	no
Daylight Harvesting device	fixture-integrated pre-installed with controller (FC-SENSOR)	fixture-integrated pre-installed with controller (FC-SENSOR)	fixture-integrated pre-installed with controller (FC-SENSOR)	---	fixture-integrated pre-installed with controller (FC-SENSOR)	fixture-integrated pre-installed with controller (FC-SENSOR) ... <disable sensor in software>	---
Target light level	30 fc. at desk height	30 fc. at desk height	30 fc. at desk height	---	30 fc. at desk height	---	---
Scheduling	yes	yes	yes	yes	yes	yes	yes
Event 1	ON at 8:00 am M-F	ON at 8:00 am M-F	ON at 8:00 am M-F	ON at 8:00 am M-F	---	---	---
Event 2	OFF at 8:00 pm M-F	OFF at 8:00 pm M-F	OFF at 8:00 pm M-F	OFF at 8:00 pm M-F	OFF at 8:00 pm M-F	OFF at 8:00 pm M-F	OFF at 8:00 pm M-F
Trim	yes	yes	yes	yes	yes	yes	yes
High-end Trim	80%	80%	80%	80%	100%	80%	80%
Low-end Trim	0%	0%	0%	5%	0%	0%	5%
Load Shedding	yes	yes	yes	yes	yes	yes	yes
Load Shedding reduction	50% reduction	50% reduction	50% reduction	OFF	OFF	Unaffected	OFF
Notes	3,5	3,5	3,5	1,2,3,5	3,5	3,5	1,3,4,5
Notes							
1	As shown on the drawing, all TYPE C recessed wallwashers in these zones must be daisy-chained (hard-wired) to a Lutron Vive phase-control dimming module (Lutron RMJS-PNE-DV).						
2	Use AUTO-ON/AUTO-OFF setting in standalone occupancy sensors (used as "occupancy sensors").						
3	After initial commissioning, review all settings with owner and make any desired adjustments.						
4	Use MANUAL-ON/AUTO-OFF setting in standalone occupancy sensors (used as "vacancy sensors").						
5	If necessary, adjust low-end trim to ensure that luminaires remain lit at the lowest light levels.						