

Cellular Offices/Enclosed Rooms

Cellular offices shall use DSI fluorescent dimming control to allow lighting to be maintained at optimum levels. A local control panel shall operate the lighting. A multi sensor shall be used for light level sensing and occupancy sensing. When no occupancy is detected for 20 minutes, the lights shall fade off over 30 seconds. Occupancy shall be linked to the corridor between the office and the lobby, to ensure these lights remain on whenever the office is occupied.

Button	Function
1	Lights on/off

Table 7 – Function, cellular office local control panel

Device Ref.	Cat. No.	Description	Channel ID
DSI	5508DSIP	C-Bus DSI Gateway	
MSR	5753PEIRL	C-Bus PIR Multi Sensor	
LCP	SC5031NL	1 Button C-Bus Slimline Wall Switch	

Table 8 – Cellular office lighting control system units

Classrooms

Classrooms shall use DSI fluorescent dimming control to allow lighting to be maintained at optimum levels and to take advantage of natural daylight. A local control panel shall operate the lighting.

A multi sensor shall be used for light level sensing and occupancy sensing. Multi sensors and DSI controlled luminaires shall be zoned according to their proximity to natural light. When no occupancy is detected for 20 minutes, the lights shall fade off over 30 seconds. Occupancy shall be linked to the corridor between the classroom and the exits, to ensure these lights remain on whenever the classroom is occupied.

Button	Function
1	Lights on/off

Table 9 – Function, classroom local control panel

Device Ref.	Cat. No.	Description	Channel ID
DSI	5508DSIP	C-Bus DSI Gateway	
MSR	5753PEIRL	C-Bus PIR Multi Sensor	
LCP	SC5031NL	1 Button C-Bus Slimline Wall Switch	

Table 10 – Classroom lighting control system units