

Main Lobby

The main lobby area shall use a combination of switched HID and compact fluorescent lighting. Lighting shall remain on during business hours. It shall operate on a schedule controlled by the Schedule Controller. Compact fluorescent (CF) lighting shall remain on whenever any room at the site is occupied.

Device Ref.	Cat. No.	Description	Channel ID
RLY	L5504RVFP	4 Channel C-Bus DIN Voltage Free Relay	

Table 35 – Main lobby lighting control system unit

Meeting/Breakout Rooms

Meeting/breakout rooms 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 room is occupied.

Button	Function
1	Lights on/off

Table 36 – Function, meeting room 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 37 – Meeting room lighting control system units

Open Plan Office Areas

Open plan office areas shall use DSI fluorescent dimming control to allow lighting to be maintained at optimum levels and to take advantage of natural daylight.

Lighting shall remain on during business hours, controlled by a PC operating lighting control software. Multi sensors shall be used for light level sensing and after hours occupancy sensing. Multi sensors and DSI controlled luminaires shall be zoned according to their proximity to natural light.

After hours operation shall use multiple zones to target lighting at occupied areas. When no occupancy is detected for 30 minutes, the lights shall fade to 50%. If no occupancy is detected for a further 15 minutes, the lights shall switch off. Occupancy shall be linked to the corridor between the office area and the lobby, to ensure these lights remain on whenever the office is occupied.

Device Ref.	Cat. No.	Description	Channel ID
DSI	5508DSIP	C-Bus DSI Gateway	
MSR to MSR	5753PEIRL	C-Bus PIR Multi Sensor	

Table 38 – Open plan office area lighting control system units