

Corridors and Walkways

Corridors shall be lit by switched compact fluorescent lighting. Lighting shall remain on during business hours. It shall be operated by schedule and controlled by the Schedule Controller. During after hours operation, corridor lighting shall be activated by ceiling mounted 360° PIR occupancy sensors. Corridor lighting shall be linked to adjoining rooms to ensure that lights remain on when rooms are occupied.

Device Ref.	Cat. No.	Description	Channel ID
RLY	L5508RVFP	8 Channel C-Bus DIN Voltage Free Relay	
OCS	5753L	C-Bus 360° PIR Occupancy Sensor	

Table 11 – Corridor and walkway lighting control system units

Facade Lighting

Facade lighting shall be switched on at dusk using light level sensing. It shall be switched off by a schedule controlled by the Schedule Controller. The light level sensor shall be positioned so it will be unaffected by artificial light. Control shall originate from a touch screen located in the reception area.

Device Ref.	Cat. No.	Description	Channel ID
RLY	L5504RVF20P	4 Channel C-Bus DIN Voltage Free Relay, 20 A	
LLS	5031PE	C-Bus Light Level Sensor	

Table 12 – Facade lighting control system units

Function Rooms

Function rooms shall use DSI fluorescent dimming control to provide variable level house lighting. The main function room may be divided into two smaller function rooms using a sliding room partition.

One touch screen is used on each side of the undivided function room. These sense whether the function room is used as one large or two separate areas, via a reed switch located where the partition meets the wall. An auxiliary input unit is used to interface the reed switch to the touch screens. When individual areas are used, each touch screen provides control of its individual area only. When the function room is used as one large area, each touch screen controls the function room as a whole.

Touch screens control the lighting, motorised curtains and projection screen. 360° PIR occupancy sensors are used to switch lights off only. When no occupancy is detected for 45 minutes, the lights shall fade off over 30 seconds. Occupancy shall be linked to the corridor between the function room and the lobby, to ensure these lights remain on whenever the function room is occupied.

Button	Function	Button	Function
1	Lights 100%	2	Lights 70%
3	Lights 30%	4	Lights off
5	Curtains open	6	Curtains close
7	Screen up	8	Screen down
9	Touch screen control	10	External DMX control

Table 13 – Functions, function room touch screen (partitioned as two separate rooms)