

Theatre

Theatre house lighting shall consist of DSI dimmable compact fluorescent lighting, switched LED pathway lighting and dimmable LED work area lighting. This lighting shall be controllable from both the lighting control system and a DMX lighting control system used for stage and other theatre lighting.

Device Ref.	Cat. No.	Description	Channel ID
DIM	L51012D10UA	C-Bus Architectural Dimmer (customised)	
OCS, OCS	5753L	C-Bus 360° PIR Occupancy Sensor	
OCS, OCS	5751L	C-Bus 90° PIR Occupancy Sensor	

Table 52 – Theatre lighting control system units

Toilet Areas

Toilet areas shall use switched fluorescent lighting, with compact fluorescent lighting used in the air lock. Lighting shall remain on during business hours. It shall be operated by schedule and controlled by the Schedule Controller. After hours the 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 53 – Toilet area lighting control system unit

Training Rooms

Training rooms shall use DSI fluorescent dimming control to allow lighting to be maintained at optimum levels and to take advantage of natural daylight. Dimmable mains rated LED downlights shall be used for mood lighting during video presentations. A local control panel with electronic labelling shall control scene lighting, motorised blinds and projection screen.

Multi sensors 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 30 minutes, the lights shall fade off over 30 seconds. Occupancy shall be linked to the corridor between the training room and the lobby, to ensure these lights remain on whenever the training room is occupied.

Button	Function	Button	Function
1	All lights on	2	All lights off (scene)
3	Video mode (scene)	4	Training mode (scene)
5	Blinds open	6	Blinds close
7	Screen up	8	Screen down

Table 54 – Functions, training room local control panel

Device Ref.	Cat. No.	Description	Channel ID
DSI	5508DSIP	C-Bus DSI Gateway	
DIM	L5504D2AP	4 Channel C-Bus DIN Dimmer	
RLY, RLY	L5501RBCP	C-Bus Shutter Relay	
MSR	5753PEIRL	C-Bus PIR Multi Sensor	
LCP	5085DL,GF	C-Bus DLT Saturn Wall Switch	

Table 55 – Training room lighting control system units