

Outdoor Car Park

The outdoor car park and associated pathways shall use DALI controlled lighting with daylight sensing. The car park lights shall activate whenever light falls below a threshold, and either Master Off is not set, or the time is between hours specified in a schedule. The lights shall switch off when the light level increases above a threshold. The thresholds shall be set so as to prevent short on/off cycling of the lights. Schedules shall be controlled via an Ethernet capable Schedule Controller. During dark conditions, car park lights shall remain on for a further 30 minutes after Master Off has been set.

Email address and mail server details shall be provided by the IT administrator for the purpose of fault reporting. The Schedule Controller shall email lamp fault reports to this address.

Device Ref.	Cat. No.	Description	Channel ID
DAL	5502DAL	C-Bus DALI Gateway	
LLS	5031PE	C-Bus Light Level Sensor	

Table 39 – Outdoor car park lighting control system units

Plant Rooms

The Ground Floor Plant Room shall provide a connection point for a PC to interface with the lighting control system.

Plant rooms shall use DSI fluorescent lighting. A local control panel shall be used to switch the light on and off. A 30 minute count down timer shall be used when the light is switched on, to dim the lighting off over 60 seconds.

Device Ref.	Cat. No.	Description	Channel ID
SPS to SPS	5500PS	C-Bus Power Supply	
SNB to SNB	5500NB	C-Bus Network Bridge	
SUI	5500PCU	C-Bus USB PC Interface	
DSI	5508DSIP	C-Bus DSI Gateway	
LCP	SC5031NL	1 Button C-Bus Slimline Wall Switch	

Table 40 – Plant room lighting control system units

Private Dining Rooms

Private dining rooms shall use dimmable mains rated LED lighting operated via a local control panel. A corner mounted 90° PIR occupancy sensor shall be used to fade the lighting off over 30 seconds when no occupancy is detected for 30 minutes.

Button	Function	Button	Function
1	Lights on/off/dim down	2	Lights on/off/dim up

Table 41 – Functions, private dining room local control panel

Device Ref.	Cat. No.	Description	Channel ID
DIM	L5504D2AP	4 Channel C-Bus DIN Dimmer	
OCS	5751L	C-Bus 90° PIR Occupancy Sensor	
LCP	5082NL,GF	2 Button C-Bus Saturn Wall Switch	

Table 42 – Private dining room lighting control system units