

LIGHTING CONTROL SCHEDULE
Project: L8147 - SHRN - 1 Station Hill
Revision: T03 Stage 4 Design
Date: 24th September 2020



To be read in conjunction with drawing/s: SHRN-DPA-BG-00-DR-Y-0001, SHRN-DPA-BG-00-DR-Y-0002, SHRN-DPA-BG-01-DR-Y-0101, SHRN-DPA-BG-01-DR-Y-0102, SHRN-DPA-BG-02-DR-Y-0201, SHRN-DPA-BG-02-DR-Y-0202, SHRN-DPA-BG-03-DR-Y-0302, SHRN-DPA-BG-08-DR-Y-0801, SHRN-DPA-BG-15-DR-Y-1501, SHRN-DPA-BG-15-DR-Y-1502, SHRN-DPA-BG-ZZ-DR-Y-1001, SHRN-DPA-BG-ZZ-DR-Y-1002, SHRN-DPA-BG-ZZ-DR-Y-1003, SHRN-DPA-BG-ZZ-DR-Y-1004

Control Channel Number	Control Type	Luminaire		Lamp			Total Lamp Load for Channel (Watts)	Description	Lighting Channel Controlled Via
		Reference	Quantity	Quantity (per luminaire)	Type	Rated Wattage			
AREA: Level 00 - Low Level Lighting									
1.01	DALI	XL2	10.4 m	1	LED	48 /m	499.2	Linear upwards grazer for external columns under main canopy.	Astronomical Timeclock for automated operation, with override via TS01
1.02	DALI	XU1	16	1	LED	27	432	Uplights to external columns.	
1.03	DALI	5Amp Floor Box	3	1	TH/LED TBC	60 Allowance	180	Single Height Space: Allowance for dedicated 5A lighting sockets to centre of space.	
1.04	DALI	5Amp Floor Box	8	1	TH/LED TBC	60 Allowance	480	Single Height Space: Allowance for dedicated 5A lighting sockets to perimeter of space.	Astronomical Timeclock for automated operation, with override via TS01/ CP.01/ CP.02
1.05	DALI	D3	10	1	LED	1.4	14	GF-1F Stairs - Integrated handrail lighting	Astronomical Timeclock for automated operation, with override via TS01/ CP.01
1.06	DALI	S1	8	1	LED	2.4	19.2	Planter beneath stairs - spike mounted spotlights to planting	
1.07	DALI	U1	11	1	LED	1.7	18.7	Cor wall beneath stair - miniature recessed uplight luminaire	
1.08	DALI	L1	3 m	1	LED	10.6 /m	31.8	Reception Desk - concealed linear LED for task light	
1.09	DALI	L1	12 m	1	LED	10.6 /m	127.2	Reception Desk - concealed linear to front face of desk	
1.10	DALI	L1	3 m	1	LED	10.6 /m	31.8	Lift Lobby Portal - recessed linear LED mounted to top portal for soft glow	
1.11	DALI	5Amp Floor Box	8	1	TH/LED TBC	60 Allowance	480	Reception Space - dedicated 5A lighting sockets	
AREA: Level 00 - RCP Lighting									
2.01	DALI	XLS1	75 m	1	LED	15 /m	1125	Light sheet integrated into exterior canopy.	Astronomical Timeclock for automated operation, with local override.
2.02	DALI	XD2	4	1	LED	10	40	Recessed downlights for focused lighting to conopy entrances.	
2.03	DALI	L1	9.4 m	1	LED	10.6 /m	99.64	Bar: Linear LED concealed within back bar niche reverse cove detail.	Astronomical Timeclock for automated operation, with override via TS01/ CP0.02
2.04	DALI	D4	5	1	LED	13.6	68	Bar: Niche back bar downlights	
2.05	DALI	L1	15 m	1	LED	10.6 /m	159	Bar: Linear LED concealed within rear wall reverse cove detail.	
2.06	DALI	D2	5	2	LED	13.6	136	Bar: Twin downlights above potential bar area.	
2.07	DALI	D2	8	2	LED	13.6	217.6	Bar: Twin downlights above central seating area.	
2.08	DALI	D2	4	2	LED	13.6	108.8	Bar: Twin downlights above window seating area.	
2.09	CHANNEL NOT USED								
2.10	DALI	D2	8	2	LED	13.6	217.6	Seating Area: Twin downlights above central seating area.	Astronomical Timeclock for automated operation, with override via TS01/ CP0.01
2.11	DALI	D2	3	2	LED	13.6	81.6	Reception Rear Area: WC Corridor Downlights.	
2.12	DALI	L1	9.7 m	1	LED	10.6 /m	102.82	Reception Rear Area: Linear LED concealed within rear wall reverse cove detail.	
2.13	DALI	D2	4	2	LED	13.6	108.8	Reception Rear Area: Twin downlights to rear wall.	
2.14	DALI	D2	12	2	LED	13.6	326.4	Reception Rear Area: Twin downlights to general area.	
2.15	DALI	L1	2.3 m	1	LED	10.6 /m	24.38	Reception Rear Area: Linear LED concealed within rear wall reverse cove detail above lift door.	
2.16	DALI	D7	3	2	LED	13.6	81.6	Reception Rear Area: Twin downlights above stairs.	
2.17	DALI	D2	4	2	LED	13.6	108.8	Reception Rear Area: Twin downlights over seating	

LIGHTING CONTROL SCHEDULE
Project: L8147 - SHRN - 1 Station Hill
Revision: T03 Stage 4 Design
Date: 24th September 2020



To be read in conjunction with drawing/s: SHRN-DPA-BG-00-DR-Y-0001, SHRN-DPA-BG-00-DR-Y-0002, SHRN-DPA-BG-01-DR-Y-0101, SHRN-DPA-BG-01-DR-Y-0102, SHRN-DPA-BG-02-DR-Y-0201, SHRN-DPA-BG-02-DR-Y-0202, SHRN-DPA-BG-03-DR-Y-0302, SHRN-DPA-BG-08-DR-Y-0801, SHRN-DPA-BG-15-DR-Y-1501, SHRN-DPA-BG-15-DR-Y-1502, SHRN-DPA-BG-ZZ-DR-Y-1001, SHRN-DPA-BG-ZZ-DR-Y-1002, SHRN-DPA-BG-ZZ-DR-Y-1003, SHRN-DPA-BG-ZZ-DR-Y-1004

Control Channel Number	Control Type	Luminaire		Lamp			Total Lamp Load for Channel (Watts)	Description	Lighting Channel Controlled Via
		Reference	Quantity	Quantity (per luminaire)	Type	Rated Wattage			
AREA: Level 01 - Low Level Lighting									
3.01	DIM	5Amp Floor Box	6	1	TH/LED TBC	60 Allowance	360	1F West Perimeter - dedicated 5A lighting socket in floor box (allowance)	Astronomical Timeclock / PIRs / Photocells for automated operation with local override via CP1.01
3.02	DIM	5Amp Floor Box	3	1	TH/LED TBC	60 Allowance	180	1F West Central Office - dedicated 5A lighting socket in floor box (allowance)	
3.03	DALI	D3	9	1	LED	1.4	12.6	1F-2F Stairs - Integrated handrail lighting	Astronomical Timeclock for automated operation, with override via TS01
3.02	DIM	5Amp Floor Box	4	1	TH/LED TBC	60 Allowance	240	1F Central Meeting Room - dedicated 5A lighting socket in floor box (allowance)	Astronomical Timeclock / PIRs / Photocells for automated operation with local override via CP1.02
AREA: Level 01 - RCP Lighting									
4.01	DALI	D9	10	1	LED	11	110	1F West Perimeter - Bulkhead downlights	Astronomical Timeclock / PIRs / Photocells for automated operation with local override via CP1.01
4.02	DALI	SP2	18	1	LED	20	360	1F West Central Office - track and spots for general lighting	
4.03	DALI	SP2	6	1	LED	20	120	1F West Central Office - track and spot for circulation	
4.04	DALI	D2/D2E	4	2	LED	13.6	108.8	1F Circulation / stair landing - twin gimbal downlights	
	DALI	D6	2	1	LED	13.6	27.2	1F Circulation / stair landing - single gimbal downlights	
4.05	DALI	L1	38 m	1	LED	10.6 /m	402.8	1F Meeting Room Perimeter - Linear LED luminaire concealed within curtain slot detail (allowance)	Astronomical Timeclock / PIRs / Photocells for automated operation with local override via CP1.02
4.06	DALI	D2/D2E	2	2	LED	13.6	54.4	1F Meeting Room Perimeter - twin gimbal downlights	
	DALI	D6	12	1	LED	13.6	163.2	1F Meeting Room Perimeter - single gimbal downlights	
4.07	DALI	D2/D2E	4	2	LED	13.6	108.8	1F Meeting Room Table - Twin gimbal downlights to meeting room table	
4.08	DALI	D2	1	2	LED	13.6	27.2	1F Meeting Room Lounge Area - twin gimbal downlights	
	DALI	D6	2	1	LED	13.6	27.2	1F Meeting Room Lounge Area - single gimbal downlights	
4.09	DALI	SP1	4	1	LED	25.4	101.6	Reception Double Height - Grid mounted spotlights to entrance threshold	Astronomical Timeclock for automated operation, with override via TS01/ CP0.01
4.10	DALI/ DIM	P1	47	1	LED	25 Allowance	1175	Reception Double Height - Grid mounted feature pendants (allowance TBC)	
4.11	DALI	SP1	4	1	LED	25.4	101.6	Reception Double Height - Grid mounted spotlights to lobby seating	
4.12	DALI	SP1	4	1	LED	25.4	101.6	Reception Double Height - Grid mounted spotlights to security gates	
4.13	DALI	D1a	7	1	LED	26.8	187.6	Reception Double Height - ceiling recessed wall washer to core wall	
4.14	DALI	SP1	6	1	LED	25.4	152.4	Reception Double Height - Grid mounted spotlights to reception desk	
4.15	DALI	SP1	4	1	LED	25.4	101.6	Reception Double Height - Grid mounted spotlights to building signage	
4.16	DALI	D1b	11	1	LED	26.8	294.8	Reception Double Height - ceiling recessed wall washer to core wall adjacent to stairs.	
4.17	DALI	L1	13 m	1	LED	10.6 /m	137.8	Reception Area: Linear LED luminaire concealed on top of 'box room'.	
4.18	DALI	SP1	8	1	LED	25.4	203.2	Reception Double Height - Grid mounted spotlights to rear wooden wall	

LIGHTING CONTROL SCHEDULE

Project: L8147 - SHRN - 1 Station Hill
Revision: T03 Stage 4 Design
Date: 24th September 2020



To be read in conjunction with drawing/s: SHRN-DPA-BG-00-DR-Y-0001, SHRN-DPA-BG-00-DR-Y-0002, SHRN-DPA-BG-01-DR-Y-0101, SHRN-DPA-BG-01-DR-Y-0102, SHRN-DPA-BG-02-DR-Y-0201, SHRN-DPA-BG-02-DR-Y-0202, SHRN-DPA-BG-03-DR-Y-0302, SHRN-DPA-BG-08-DR-Y-0801, SHRN-DPA-BG-15-DR-Y-1501, SHRN-DPA-BG-15-DR-Y-1502, SHRN-DPA-BG-ZZ-DR-Y-1001, SHRN-DPA-BG-ZZ-DR-Y-1002, SHRN-DPA-BG-ZZ-DR-Y-1003, SHRN-DPA-BG-ZZ-DR-Y-1004

Control Channel Number	Control Type	Luminaire		Lamp			Total Lamp Load for Channel (Watts)	Description	Lighting Channel Controlled Via
		Reference	Quantity	Quantity (per luminaire)	Type	Rated Wattage			
AREA: Level 02 - Low Level Lighting									
5.01	DIM	5Amp Floor Box	6	1	TH/LED TBC	60 Allowance	360	2F West Perimeter - dedicated 5A lighting socket in floor box (ALLOWANCE)	Astronomical Timeclock / PIRs / Photocells for automated operation with local override via CP2.01
5.02	DIM	5Amp Floor Box	2	1	TH/LED TBC	60 Allowance	120	2F West Central Office - dedicated 5A lighting socket in floor box (allowance)	
5.03	DIM	5Amp Floor Box	2	1	TH/LED TBC	60 Allowance	120	2F West Column - dedicated 5A lighting socket in floor box (allowance)	
5.04	DIM	5Amp Floor Box	2	1	TH/LED TBC	60 Allowance	120	2F Centre - dedicated 5A lighting socket in floor box (allowance)	Astronomical Timeclock / PIRs / Photocells for automated operation with local override via CP2.02
5.05	DIM	5Amp Floor Box	2	1	TH/LED TBC	60 Allowance	120	2F East Column - dedicated 5A lighting socket in floor box (allowance)	Astronomical Timeclock / PIRs / Photocells for automated operation with local override via CP2.03
5.06	DIM	5Amp Floor Box	4	1	TH/LED TBC	60 Allowance	240	2F East Central Office - dedicated 5A lighting socket in floor box (allowance)	
5.07	DIM	5Amp Floor Box	8	1	TH/LED TBC	60 Allowance	480	2F East Perimeter - dedicated 5A lighting socket in floor box	
AREA: Level 02 - RCP Lighting									
6.01	DALI	D9	11	1	LED	11	121	2F West Perimeter - Bulkhead downlights	Astronomical Timeclock / PIRs / Photocells for automated operation with local override via CP2.01
6.02	DALI	SP2	18	1	LED	20	360	2F West Central Office - track and spots for general lighting	
6.03	DALI	SP2	6	1	LED	20	120	2F West Central Office - track and spot for circulation	
6.04	DALI	SP2	4	1	LED	20	80	2F West Central Office - track and spot around column area	Astronomical Timeclock for automated operation, with central override.
6.05	DALI	XD1	6	1	LED	55	330	Narrow beam downlight recessed into exterior canopy for ambient lighting.	
6.06	DALI	XD1	3	1	LED	55	165	Narrow beam downlight recessed into exterior canopy for ambient lighting.	
6.07	DALI	D9	8	1	LED	11	88	2F Centre Perimeter - Bulkhead downlights above stair area	Astronomical Timeclock / PIRs / Photocells for automated operation with local override via CP2.02
6.08	DALI	SP2	24	1	LED	20	480	2F Centre Central Office - track and spot for general lighting	
6.09	DALI	SP3	12	1	LED	20	240	2F Centre Core Wall - Track and spot for core wall illumination	
6.10	DALI	SP2	12	1	LED	20	240	2F Centre - track and spot for circulation	Astronomical Timeclock / PIRs / Photocells for automated operation with local override via CP2.03
6.11	DALI	SP2	6	1	LED	20	120	2F East Central Office - track and spot around column / top of stairs area	
6.12	DALI	SP2	6	1	LED	20	120	2F East Central Office - track and spot for circulation	
6.13	DALI	SP2	24	1	LED	20	480	2F East Central Office - track and spots for general lighting	
6.14	DALI	D9	13	1	LED	11	143	2F East Perimeter - Bulkhead downlights	
AREA: Typical Lift Lobbies - RCP Lighting									
8.01	DALI	LS1	7 m	1	LED	15 /m	105	Light sheet to back light lift car ceiling.	Astronomical Timeclock for automated operation, with central override.
8.02	DALI	LS1	7 m	1	LED	15 /m	105	Light sheet to back light lift car ceiling.	
8.03	DALI	L6	29.6 m	1	LED	10.6 /m	313.76	Linear luminaire integrated into cove for ambient lighting to lift lobby.	
8.04	DALI	LS1	7 m	1	LED	15 /m	105	Light sheet to back light lift car ceiling.	
8.05	DALI	LS1	7 m	1	LED	15 /m	105	Light sheet to back light lift car ceiling.	
8.06	DALI	LS1	7 m	1	LED	15 /m	105	Light sheet to back light lift car ceiling.	
8.07	DALI	LS1	7 m	1	LED	15 /m	105	Light sheet to back light lift car ceiling.	
8.08	DALI	LS1	7 m	1	LED	15 /m	105	Light sheet to back light lift car ceiling.	
8.09	DALI	LS1	7 m	1	LED	15 /m	105	Light sheet to back light lift car ceiling.	
8.10	DALI	D5	8	1	LED	13.6	108.8	Recessed downlights for focused lighting to lift doors.	
8.11	DALI	D5	4	1	LED	13.6	54.4	Recessed downlights for focused lighting to doors.	
AREA: Façade Lighting									
FAÇADE LIGHTING IN ABEYANCE. DETAILS TO BE CONFIRMED.									
AREA: Level 08 - Low Level Lighting									
10.01	DALI	XL	58.4 m	1	LED	10 /m	584	Linear integrated into the handrail.	Astronomical Timeclock for automated operation, with local override.
10.02	DALI	Power	4	1	LED	50 (Allow)	200	Indicative power points located in floor void.	

LIGHTING CONTROL SCHEDULE

Project: L8147 - SHRN - 1 Station Hill
Revision: T03 Stage 4 Design
Date: 24th September 2020



To be read in conjunction with drawing/s: SHRN-DPA-BG-00-DR-Y-0001, SHRN-DPA-BG-00-DR-Y-0002, SHRN-DPA-BG-01-DR-Y-0101, SHRN-DPA-BG-01-DR-Y-0102, SHRN-DPA-BG-02-DR-Y-0201, SHRN-DPA-BG-02-DR-Y-0202, SHRN-DPA-BG-03-DR-Y-0302, SHRN-DPA-BG-08-DR-Y-0801, SHRN-DPA-BG-15-DR-Y-1501, SHRN-DPA-BG-15-DR-Y-1502, SHRN-DPA-BG-ZZ-DR-Y-1001, SHRN-DPA-BG-ZZ-DR-Y-1002, SHRN-DPA-BG-ZZ-DR-Y-1003, SHRN-DPA-BG-ZZ-DR-Y-1004

Control Channel Number	Control Type	Luminaire		Lamp			Total Lamp Load for Channel (Watts)	Description	Lighting Channel Controlled Via
		Reference	Quantity	Quantity (per luminaire)	Type	Rated Wattage			
AREA: Level 15 - Low Level Lighting									
11.01	DALI	XL	74.8 m	1	LED	10 /m	748	Linear integrated into the handrail.	Astronomical Timeclock for automated operation, with local override.
11.02	DALI	Power	8	1	LED	50 (Allow)	400	Indicative power points located in floor void.	
11.03	DALI	XL1	26 m	1	LED	10.6 /m	275.6	Linear luminaire integrated into wooden batten feature wall.	
11.04	DALI	L4	6 m	1	LED	7.2 /m	43.2	Allowance for linear luminaire integrated into bar.	
11.05	DALI	L4	30 m	1	LED	7.2 /m	216	Allowance for linear luminaire integrated into shelving in bar area.	
AREA: Level 15 - RCP Lighting									
12.01	DALI	XD2	4	1	LED	10	40	Recessed downlights for focused lighting to conopy entrances.	Astronomical Timeclock for automated operation, with local override.
12.02	DALI	XL1	48 m	1	LED	10.6 /m	508.8	Linear luminaire integrated into wooden batten feature ceiling.	
12.03	DALI	D5	4	1	LED	13.6	54.4	Recessed downlights for lighting to lift doors.	
12.04	DALI	L6	26 m	1	LED	10.6 /m	275.6	Linear LED luminaire integrated into cove for ambient lighting to lift lobby.	
AREA: Lower Ground - Low Level Lighting									
13.01	DALI	D3	9	1	LED	1.4	12.6	LG-GF Stairs - Integrated handrail lighting	Astronomical Timeclock for automated operation, with overide via TS01
13.02	DALI	S1	9	1	LED	2.4	21.6	Planter next to LG-GF stairs - spike mounted spotlights to planting	
AREA: Lower Ground - RCP Lighting									
14.01	DALI	D5	9	1	LED	13.6	122.4	Recessed downlights for lighting to lift doors.	Astronomical Timeclock for automated operation, with local override.
14.02	DALI	L6	22 m	1	LED	10.6 /m	233.2	Linear LED luminaire integrated into cove for ambient lighting to lift lobby.	
14.03	DALI	D5	4	1	LED	13.6	54.4	Recessed downlights for lighting to enrtance to lift lobby.	
14.04	DALI	D2a	4	1	LED	13.6	54.4	Twin downlights for focused lighting to doorways.	
14.05	DALI	D2a	10	1	LED	13.6	136	Twin downlights for general ambient lighting to corridor	
14.06	DALI	D7a	1	1	LED	13.6	13.6	Twin downlights for focued lighting to entrance/ feature artwork	
14.07	DALI	D7a	1	1	LED	13.6	13.6	Twin downlights for focued lighting to threshold.	
20150.7							Watts (Total Connected Lamp Load)		

Notes:

1. All loads exclude transformer and control gear losses
2. FOR LOADING ESTIMATE ONLY: These groupings are not to be taken as electrical wiring circuitry.
3. Indicated quantities must be checked against all drawings by the Electrical Contractor prior to pricing and ordering.
4. All electrical wiring, cable sizing, etc. is the responsibility of the Electrical Consultant.

Indicates changed since last issue

Abbreviations used in the column Lamp Type:

CC	Cold Cathode
CFL	Compact Fluorescent
FL	Linear Fluorescent
LED	Light Emitting Diode
LVTH	Low Voltage Tungsten Halogen
HID	High Intensity Discharge
T	Tungsten
TH	Tungsten Halogen
XENON	Xenon

Abbreviations used in column Control Type:

Dim	Resistive / inductive dimmable control
Dim DSI	Digital dimmable control (DSI)
Dim 1-10V	Analogue dimmable control (1-10V)
DMX	DMX512 control
SW	Switched control
DALI	DALI dimmable control