

LIGHTING CONTROL SCHEDULE

Project: L8147 - SHRN Phase 2 NORTH SITE
Revision: T01 Tender Issue
Date: 25th November 2020



To be read in conjunction with drawing/s: SHRN-DPA-S2-ZZ-DR-Y-1001_RevT01, SHRN-DPA-S2-ZZ-DR-Y-1002_RevT01, SHRN-DPA-S2-ZZ-DR-Y-1003_RevT01

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:	Taxi Rank (TR)								
1.01	DALI	XU1	12	1	LED	27	324	Inground uplighting to trees.	Astronomical Timeclock and photocell for automated operation, with central override.
AREA:	Pocket Park (PP)								
2.01	DALI	XU2	8	1	LED	12	96	Inground uplighting to multi-stem trees.	Astronomical Timeclock and photocell for automated operation, with central override.
2.02	DALI	XL1	57.9 m	1	LED	8.3 /m	480.57	Integrated handrail lighting.	
2.03	DALI	XP5	2	1	LED	108	216	Feature Totems to provide general ambient lighting.	
2.04	DALI	XL9	87.9 m	1	LED	7.2 /m	632.88	Flexible, diffused linear integrated into benches.	
2.05	OMITTED								
AREA:	Station Square and Gardens (SS)								
3.01	DALI	XL9	85.5 m	1	LED	7.2 /m	615.6	Flexible, diffused linear luminaire integrated into benches.	Astronomical Timeclock and photocell for automated operation, with central override.
3.02	DALI	XU1	20	1	LED	27	540	Inground uplighting to trees.	
3.03	OMITTED								
3.04	DALI	XP5	8	1	LED	108	864	Feature Totems to provide general ambient lighting.	Astronomical Timeclock and photocell for automated operation, with central override.
3.05	DALI	XL8	13	1	LED	48	624	Linear grazer for accent lighting vertical planting.	
3.06	DALI	XS1	28	1	LED	8	224	Accent lighting to low level planting in Station Gardens.	
3.07	DALI	XU5	4	1	LED	2.4	9.6	Focused uplights to lift entrance/ exits.	
3.08	DALI	XD3	4	1	LED	1.7	6.8	Miniature downlights within lift door sofit	
3.09	DALI	XL14	4 m	1	LED	48	192	Inground linear luminaire for wash of light to exterior lift wall.	
3.10	DALI	XL11	4	1	LED	23	92	Surface mounted linear luminaires for back lighting to artwork.	
AREA:	Station Plaza (SP)								
4.01	DALI	XU1	16	1	LED	27	432	Inground uplighting to trees.	Astronomical Timeclock and photocell for automated operation, with central override.
4.02	DALI	XP5	5	1	LED	108	540	Feature Totems to provide general ambient lighting.	
4.03	DALI	XL9	122.8 m	1	LED	7.2 /m	884.16	Flexible, diffused linear luminaire integrated into benches.	
4.04	DALI	XL1	13 m	1	LED	8.3 /m	107.9	Integrated handrail lighting.	
4.05	DMX	WF1	15	1	LED	16	240	Allowance for colour change inground uplights to water feature by water feature specialist.	
4.06	DALI	XL8	12	1	LED	48	576	Linear grazer for accent lighting to artwork and green wall.	
4.07	DALI	XL9	6 m	1	LED	7.2 /m	43.2	Flexible, diffused linear luminaire integrated into high table.	
4.08	DALI	XL10	97 m	1	LED	10.6 /m	1028.2	Allowance for lighting to hoarding artwork/feature.	
4.09	DALI	XL12	18 m	1	LED	8.3 /m	149.4	Linear integrated into bridge for accent lighting.	
4.10	DALI	XP6	10	1	LED	7.5	75	Wall mounted projectors for illumination to beams on underside of bridge.	
4.11	DALI	XU1	16	1	LED	27	432	Inground uplighting to trees.	
4.12	DALI	XD2	10	1	LED	7.5	75	Surface mounted downlights for ambient lighting to underside of bridge.	
4.13	DALI	XU5	10	1	LED	2.4	24	Uplights for lighting to reveal.	
							9524.31	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.

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