



Logical Control Channel Schedule

Project:	Island Sites - Building 03, Tottenham Hale London, UK
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Rev.	Date	By	Chkd	Revision Notes
00	16/03/20	JJ	AGB	Employer's Requirements Issue

Zone	Area	Channel	Luminaire Ref.	Lighting Function	Quantity	Light Source	Control Gear Type	Circuit Watts/Unit	Total Circuit Watts	Power Control Required	Control Data Required	Behaviour	Notes
						see note 3.0	see note 4.0	see note 2.0	see note 2.0	see note 5.0	see note 6.0	see note 7.0	
Public Realm													
04	05	02	XD	Building mounted streetlight	8	LED	LED	23w	180w	CON	DALI	Dimming	
04	05	16	XC	Uplighting to trees	6	LED	LED	33w	198w	CON	DALI	Dimming	
04	05	17	XC	Uplighting to trees	2	LED	LED	33w	66w	CON	DALI	Dimming	
04	05	18	XK	Spotlighting to plants	12	LED	LED	14w	168w	CON	DALI	Dimming	

- 1.0

The attached is based on current Speirs + Major lighting design information, and may be subject to revision as part of future design development.
- 2.0

Electrical loads are circuit Watts - maximum connected loads for each luminaire type, based on luminaire manufacturer's information.
- 3.0

Light Sources

T	Tungsten (Mains Voltage)
LV	Low-Voltage ≤24V (Tungsten Halogen/Xenon)
TH	Tungsten Halogen (Mains Voltage)
FLU	Linear Fluorescent
CFLU	Compact Fluorescent
HID	High Intensity Discharge
LED	Light Emitting Diode
C/C	Cold Cathode
NONE	None
- 4.0

Gear Types

MTX	Magnetic transformer
MB	Magnetic ballast
ETX	Electronic transformer
EB	Electronic ballast
LED	Electronic LED driver
NONE	None
- 5.0

Power Control

CON	Constant (Unswitched by lighting control system)
LDIM	Leading Edge Dim
TDIM	Trailing Edge Dim
SDIM	Sine Wave Dim
SW	Switched (by lighting control system)
LOC	Local Manual Switch (no connection to lighting control system)
- 6.0

Control Data

0-10V	0-10V Analogue
1-10V	1-10V Analogue
DALI	DALI
DMX	DMX512
BLE	Bluetooth LE (protocol stated in Notes)
PROP	Proprietary
OTHER	Other
NONE	None
- 7.0

Behaviour

This is a general description only of the intended controlled behaviour of the lights indicated.
- 8.0

Quantities are estimated against current drawing information and should be checked by others. Speirs + Major are not responsible for final take-offs of quantities from drawings.
- 9.0

All quantities should be checked by Quantity Surveyor.
- 10.0

All electrical loads should be checked by Electrical Engineer.
- 11.0

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