

DATE: 21 October 2015
DESIGNER: Adam Wright
PROJECT No: 61605726
PROJECT NAME: Unnamed



Designed to P4 Lighting Class

Standard Requirements

Average Illumination = 5.00 - 7.50 lux

Minimum Illumination = 1.00 lux

Actual Values

Average Illumination = 5.72 lux

Minimum Illumination = 1.07 lux

Uniformity U_0 = 0.19

Tudor Street P4 Class

PREPARED BY: Design Software from:
Lighting Reality Ltd
Park Business Centre
Wood Lane
Erdington
Birmingham
B24 9QR
United Kingdom

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website: www.lightingreality.com

Layout Report

General Data

Dimensions in Metres Angles in Degrees
Grid Origin 291455.4m x 92191.3m
Area 166.2m x 165.6m
Sample Spacing 1.51m x 1.51m

Luminaires



Luminaire A Data

Supplier	Philips
Type	SGS253 FG CR P1
Lamp(s)	CDO-TT150W/828
LampFlux(klm)/Colour	13.50 828/
File Name	SGS253 FG 1xCDO-TT150W CR P1.ltd
Maintenance Factor	0.90
Imax70,80,90(cd/klm)	445.5, 11.0, 0.0
No. in Project	5

Luminaire B Data

Supplier	
Type	luxOn Street 12XTE 16W T3
Lamp(s)	luxOn Street 12XTE 16W T3
LampFlux(klm)/Colour	1.79 4000/70
File Name	luxOn Street 12XTE 16W T3.ltd
Maintenance Factor	0.90
Imax70,80,90(cd/klm)	591.6, 174.3, 17.7
No. in Project	16

Layout

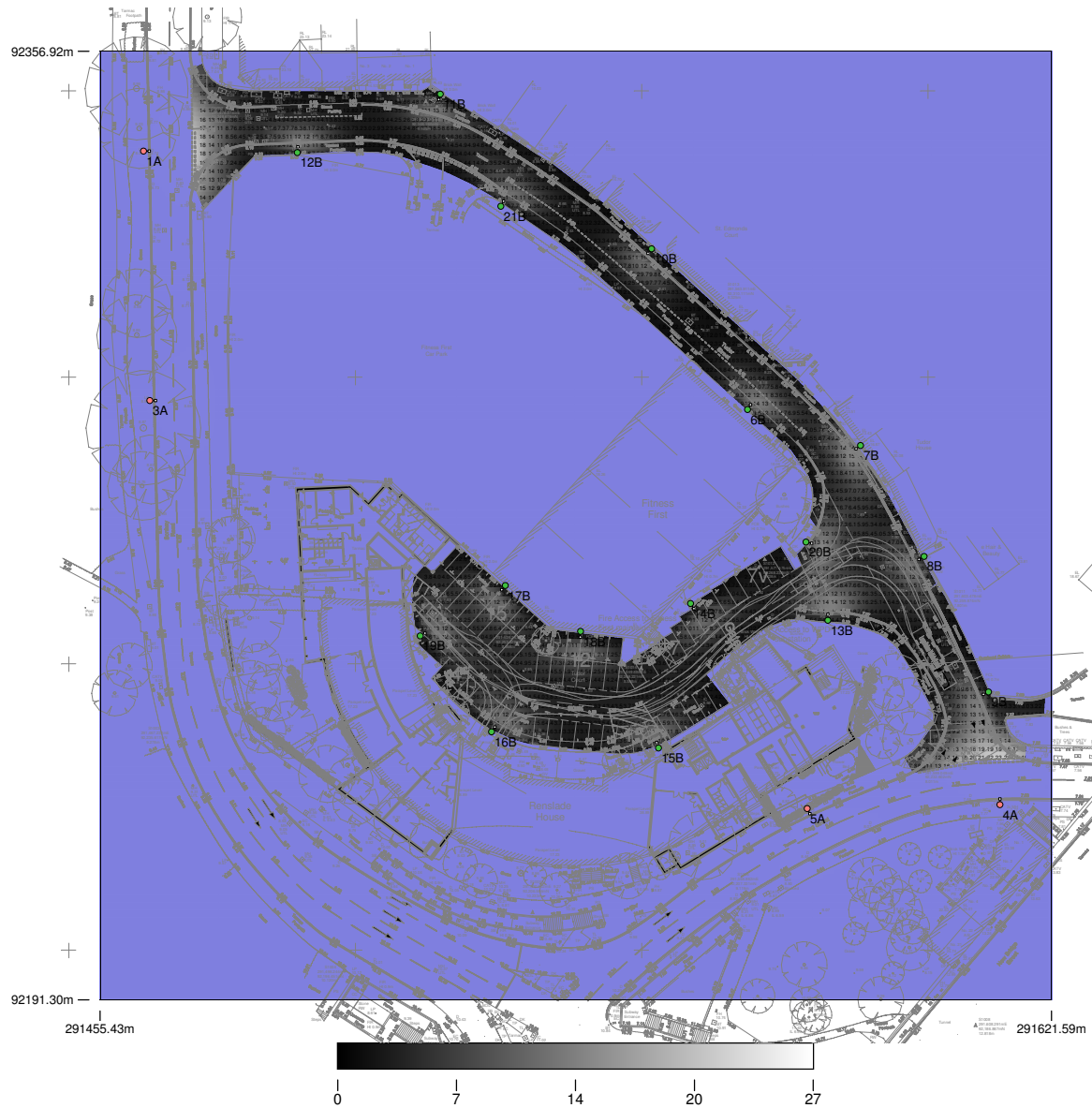
No.	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	A	291463.03	92339.51	10.00	0.00	0.00	0.00	1.00			
2	A	291473.11	92374.94	10.00	179.00	0.00	0.00	1.00			
3	A	291464.10	92295.94	10.00	0.00	0.00	0.00	1.00			
4	A	291612.54	92225.38	10.00	90.00	0.00	0.00	1.00			
5	A	291578.86	92224.73	10.00	299.00	0.00	0.00	1.00			
6	B	291568.45	92294.37	6.00	55.00	0.00	0.00	1.00			
7	B	291588.20	92288.10	6.00	217.00	0.00	0.00	1.00			
8	B	291599.28	92268.73	6.00	212.00	10.00	0.00	1.00			
9	B	291610.56	92245.08	6.00	205.00	10.00	0.00	1.00			
10	B	291551.75	92322.45	6.00	231.00	10.00	0.00	1.00			
11	B	291514.85	92349.44	6.00	252.00	10.00	0.00	1.00			
12	B	291489.87	92339.22	6.00	85.00	0.00	0.00	1.00			
13	B	291582.52	92257.61	6.00	90.00	10.00	0.00	1.00			
14	B	291558.55	92260.50	6.00	302.00	10.00	0.00	1.00			
15	B	291552.92	92235.29	6.00	107.00	10.00	0.00	1.00			
16	B	291523.80	92238.13	6.00	55.00	10.00	0.00	1.00			
17	B	291526.21	92263.66	6.00	229.00	10.00	0.00	1.00			
18	B	291539.33	92255.65	6.00	265.00	10.00	0.00	1.00			
19	B	291511.30	92254.88	6.00	28.00	10.00	0.00	1.00			
20	B	291578.69	92271.25	6.00	349.00	0.00	0.00	1.00			

Layout Continued

No.	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
21	B	291525.38	92329.86	6.00	60.00	10.00	0.00	1.00			

Horizontal Illuminance (lux)

Grid 1



Results

Eav	5.72
Emin	1.07
Emax	22.83
Emin/Emax	0.05
Emin/Eav	0.19