

DATE: 23 June 2015
DESIGNER: jdr
PROJECT No: 0035
PROJECT NAME: CROWLAND Peterboro RD



S5 design

Outdoor Lighting Report

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

e-mail: sales@lightingreality.com
website: www.lightingreality.com

Layout Report

General Data

Dimensions in Metres Angles in Degrees
Grid Origin 523694.5m x 309042.6m
Area 260.0m x 160.4m
Sample Spacing 2.00m x 1.98m

Luminaires



Luminaire A Data

Supplier	TRT Lighting
Type	19W ASPECT 1 MED-WIDE GLASS
Lamp(s)	LED 4000k
Lamp Flux (klm)	1.72
File Name	AS11009G.ies
Maintenance Factor	0.72
Imax70,80,90(cd/klm)	436.4, 79.3, 0.0
No. in Project	14



Luminaire B Data

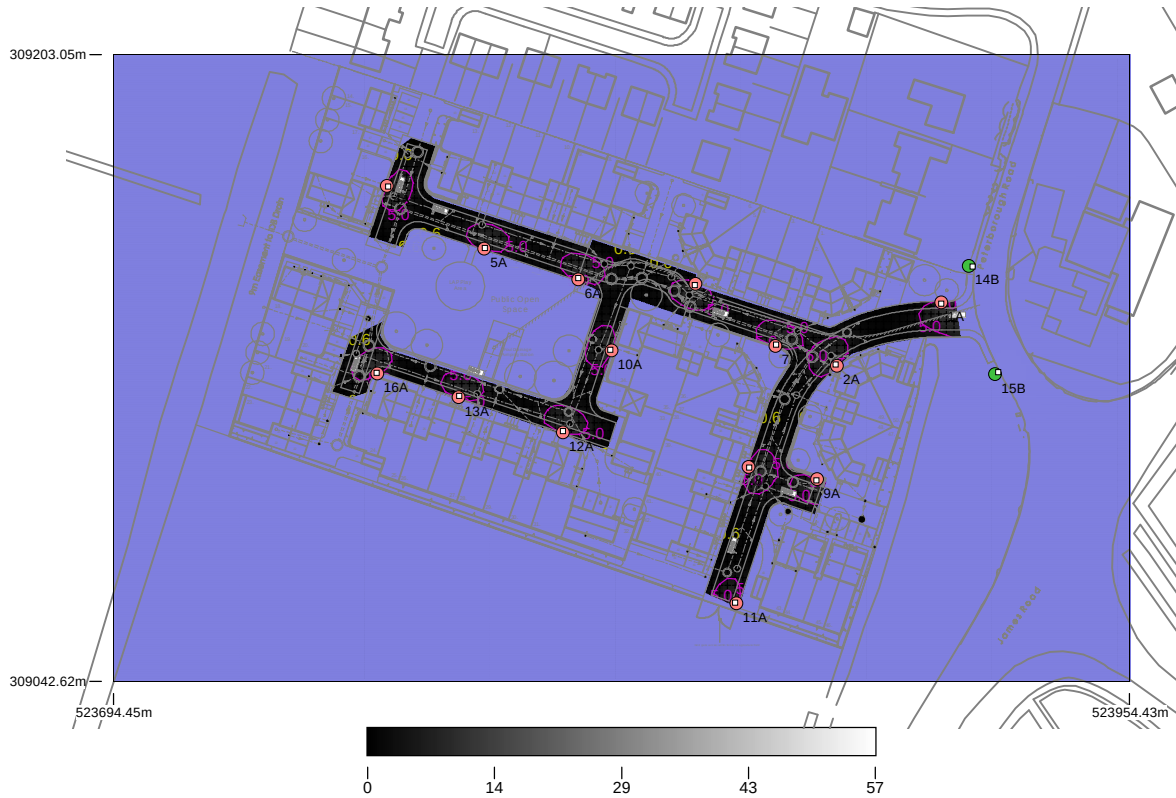
Supplier	TRT Lighting
Type	95W ASPECT 3 ME GLASS UL OPTIMISED
Lamp(s)	LED 4000k
Lamp Flux (klm)	10.69
File Name	AS31007G.ies
Maintenance Factor	0.72
Imax70,80,90(cd/klm)	473.2, 60.5, 0.0
No. in Project	2

Layout

No.	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	A	523906.16	309139.64	6.00	277.00	5.00	0.00	0.30			
2	A	523879.38	309123.52	6.00	135.00	5.00	0.00	0.30			
3	A	523843.24	309144.41	6.00	250.00	5.00	0.00	0.30			
4	A	523764.41	309169.50	6.00	336.00	5.00	0.00	0.30			
5	A	523789.28	309153.40	6.00	73.00	5.00	0.00	0.30			
6	A	523813.26	309145.62	6.00	69.00	5.00	0.00	0.30			
7	A	523863.79	309128.55	6.00	76.00	5.00	0.00	0.30			
8	A	523856.78	309097.59	6.00	339.00	5.00	0.00	0.30			
9	A	523874.30	309094.46	6.00	248.00	5.00	0.00	0.30			
10	A	523821.76	309127.43	6.00	159.00	5.00	0.00	0.30			
11	A	523853.75	309062.74	6.00	157.00	5.00	0.00	0.30			
12	A	523809.31	309106.54	6.00	73.00	5.00	0.00	0.30			
13	A	523782.70	309115.50	6.00	72.00	5.00	0.00	0.30			
14	B	523913.15	309148.99	10.00	350.00	5.00	0.00	1.00			
15	B	523919.81	309121.39	6.00	30.00	5.00	0.00	1.00			
16	A	523761.83	309121.47	6.00	122.00	5.00	0.00	0.30			

Horizontal Illuminance (lux)

Grid 1



Results

Eav	3.71
Emin	0.64
Emax	12.27
Emin/Emax	0.05
Emin/Eav	0.17