

DATE: 22.05.23
DESIGNER: B.O.B
PROJECT No: Q066
PROJECT NAME: Adamstown Block-G

**LIGHTING
REALITY**

Outdoor Lighting Report

Layout Report

General Data

Dimensions in Metres Angles in Degrees

Calculation Grids

ID	Grid Name	X	Y	X' Length	Y' Length	X' Spacing	Y' Spacing
1	Grid 1	173.39	-223.65	110.06	180.82	1.49	1.49
2	Grid 2	192.18	-115.77	6.37	29.85	1.27	1.49

Luminaires



Luminaire A Data

Supplier	Philips
Type	BGP292 DS50
Lamp(s)	LED-HB 5.2S 730
Lamp Flux (klm)	8.50
File Name	LumiStreet Gen2 Mini_BGP292_DS50_B50_0_40LED_5.2S_CLO_L90_730.ies
Maintenance Factor	0.85
Imax70,80,90(cd/klm)	293.6, 36.6, 0.0
No. in Project	16



Luminaire B Data

Supplier	Cree Lighting
Type	XSP1E - H - Type 3SH - 50W 4K
Lamp(s)	5MDSA1400 4K 50W
LampFlux(klm)/Colour	7.32 4000/70
File Name	XSP1E023SHH40K_50W-PL11703-030.LDT
Maintenance Factor	0.85
Imax70,80,90(cd/klm)	312.4, 178.4, 0.0
No. in Project	9

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	A	272.49	-217.57	8.00	90.00	0.00	0.00	1.00			
2	B	181.94	-129.37	6.00	80.00	0.00	0.00	1.00			
3	A	195.24	-202.08	6.00	184.00	0.00	0.00	1.00			
4	A	195.24	-180.86	6.00	184.00	0.00	0.00	1.00			
5	A	264.79	-196.91	8.00	0.00	0.00	0.00	1.00			
6	A	264.70	-167.92	8.00	0.00	0.00	0.00	1.00			
7	A	264.52	-137.39	8.00	0.00	0.00	0.00	1.00			
8	A	264.70	-109.03	8.00	0.00	0.00	0.00	1.00			
9	A	247.73	-98.18	8.00	83.00	0.00	0.00	1.00			
10	A	219.42	-88.86	8.00	62.00	0.00	0.00	1.00			
11	A	199.31	-78.05	8.00	90.00	0.00	0.00	1.00			
12	A	198.07	-130.77	6.00	184.00	0.00	0.00	1.00			
13	A	197.96	-152.52	6.00	184.00	0.00	0.00	1.00			
14	A	198.90	-99.61	6.00	184.00	0.00	0.00	1.00			
21	A	176.43	-41.11	8.00	244.00	0.00	0.00	1.00			
19	B	280.47	-81.76	6.00	263.00	0.00	0.00	1.00			
21	A	216.47	-186.29	6.00	270.00	0.00	0.00	1.00			
21	B	241.14	-217.66	8.00	90.00	0.00	0.00	1.00			
22	B	224.18	-220.22	8.00	90.00	0.00	0.00	1.00			

Layout Continued

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
23	B	192.12	-219.92	8.00	90.00	0.00	0.00	1.00			
24	B	184.18	-191.98	6.00	1.00	0.00	0.00	1.00			
25	B	184.18	-162.66	6.00	1.00	0.00	0.00	1.00			
26	B	184.27	-139.71	6.00	1.00	0.00	0.00	1.00			
27	B	184.05	-99.49	6.00	1.00	0.00	0.00	1.00			
28	A	234.87	-106.86	6.00	268.00	0.00	0.00	1.00			

Horizontal Illuminance (lux)

Grid 1

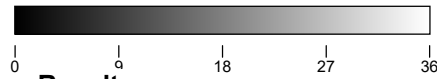
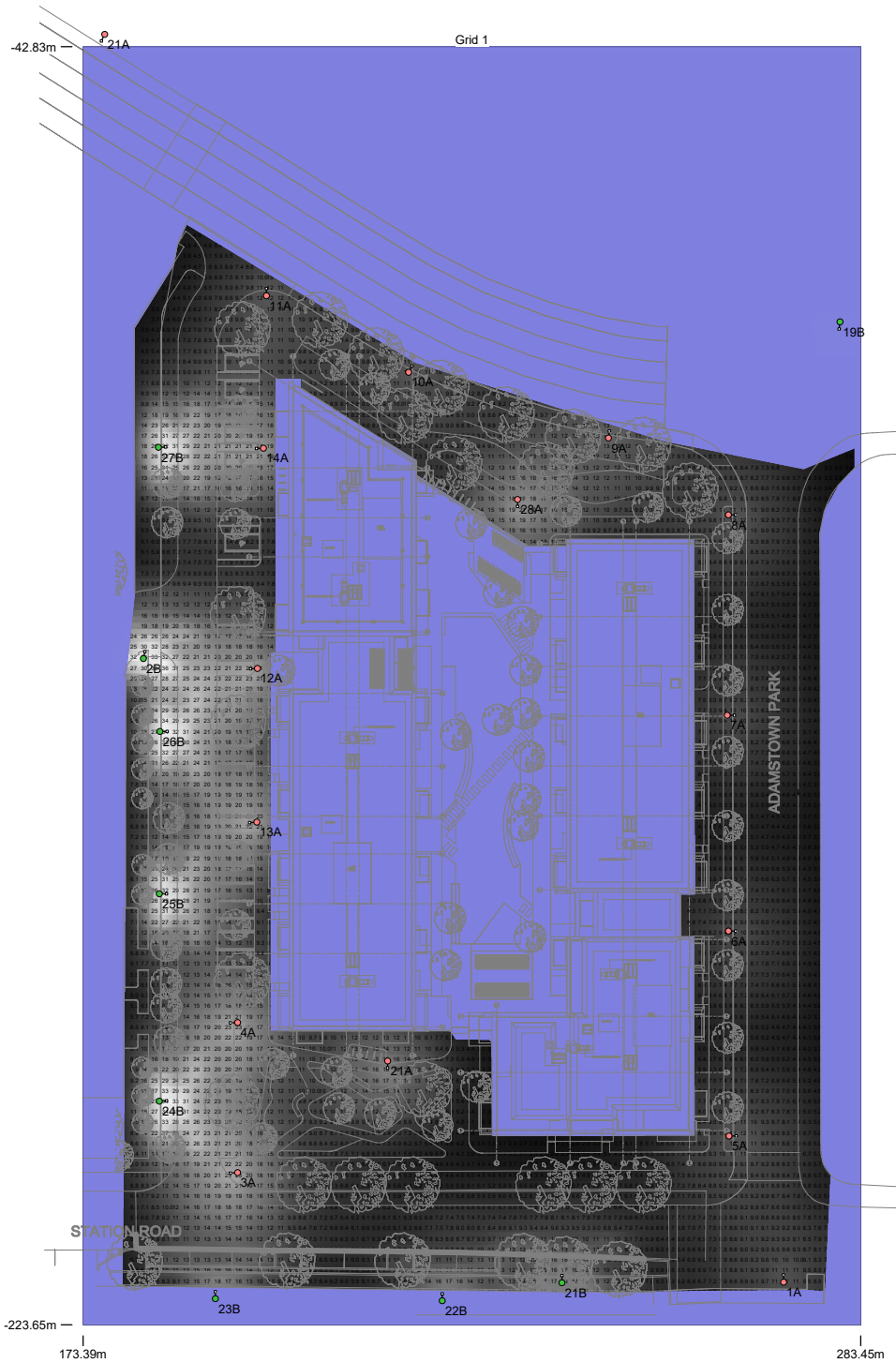


Results

Eav	10.81
Emin	2.39
Emax	35.57
Emin/Emax	0.07
Emin/Eav	0.22

Horizontal Illuminance (lux)

Grid 1



Results

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