

DATE: 11 February 2022
DESIGNER: P.K
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	Cree Lighting
Type	XSP1E - E - Type 3SH - 65W 4K
Lamp(s)	5 MD-SA1400 65W 4K
LampFlux(klm)/Colour	9.21 4000/70
File Name	XSPE023SHE40K_65W-PL11703-030.LDT
Maintenance Factor	1.00
Imax70,80,90(cd/klm)	312.4, 178.4, 0.0
No. in Project	13



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	XSPE023SHH40K_50W-PL11703-030.LDT
Maintenance Factor	1.00
Imax70,80,90(cd/klm)	312.4, 178.4, 0.0
No. in Project	9

Layout

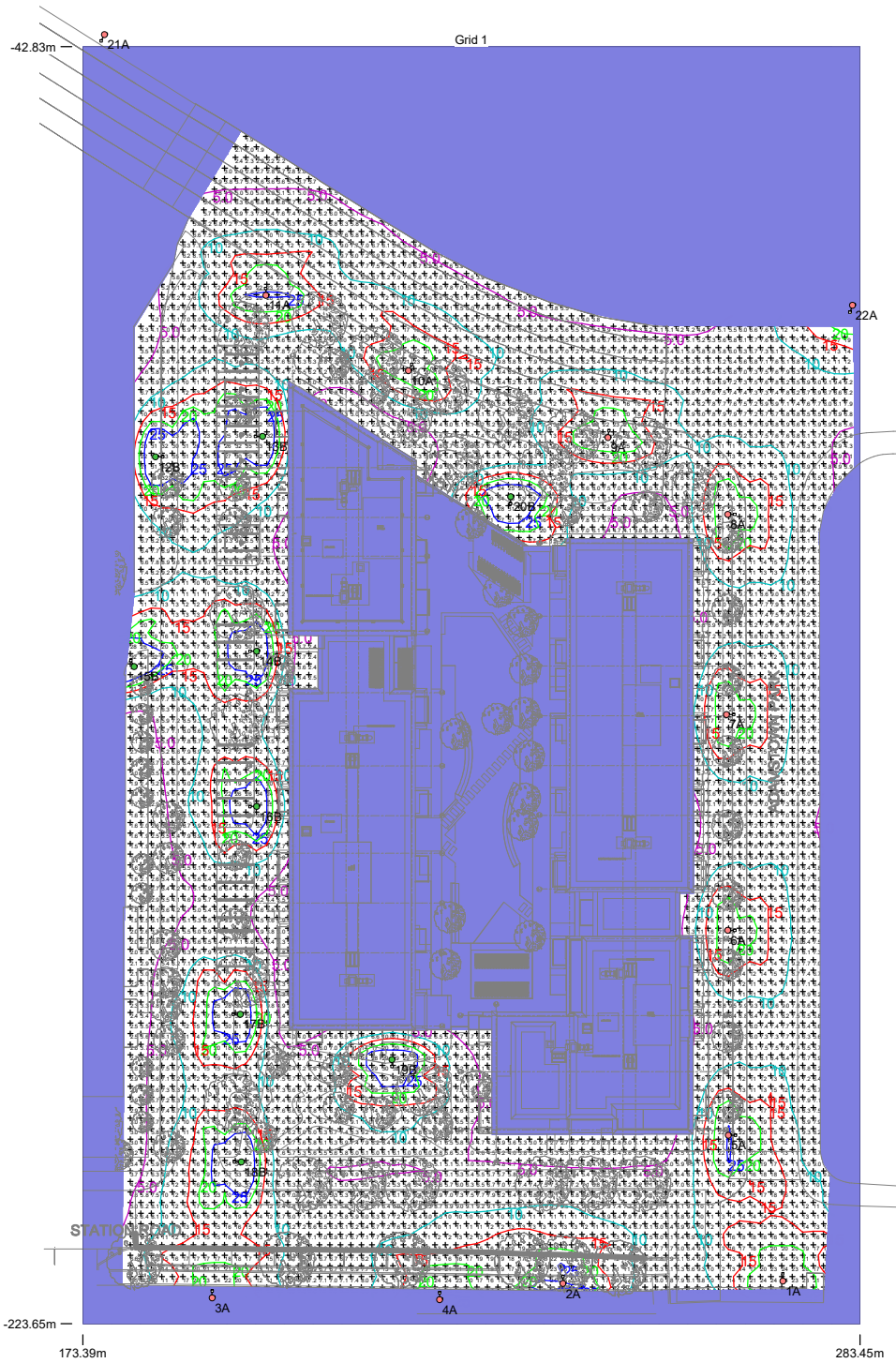
ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	A	272.49	-217.57	8.00	90.00	0.00	0.00	1.00			
2	A	241.37	-217.92	8.00	90.00	0.00	0.00	1.00			
3	A	191.69	-219.97	8.00	90.00	0.00	0.00	1.00			
4	A	223.90	-220.22	8.00	90.00	0.00	0.00	1.00			
5	A	264.79	-196.91	8.00	0.00	0.00	0.00	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	219.48	-88.69	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	B	183.69	-100.90	6.00	0.00	0.00	0.00	1.00			
13	B	198.82	-97.99	6.00	180.00	0.00	0.00	1.00			
14	B	198.04	-128.43	6.00	180.00	0.00	0.00	1.00			
15	B	180.67	-130.62	6.00	118.00	0.00	0.00	1.00			
16	B	198.04	-150.41	6.00	181.00	0.00	0.00	1.00			
17	B	195.69	-179.83	6.00	180.00	0.00	0.00	1.00			
18	B	195.85	-200.72	6.00	180.00	0.00	0.00	1.00			
19	B	217.16	-186.22	6.00	270.00	0.00	0.00	1.00			

Layout Continued

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
20	B	233.95	-106.53	6.00	268.00	0.00	0.00	1.00			
21	A	176.43	-41.11	8.00	244.00	0.00	0.00	1.00			
22	A	282.36	-79.46	8.00	250.00	0.00	0.00	1.00			

Horizontal Illuminance (lux)

Grid 1

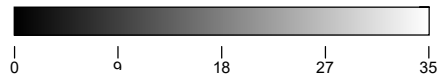
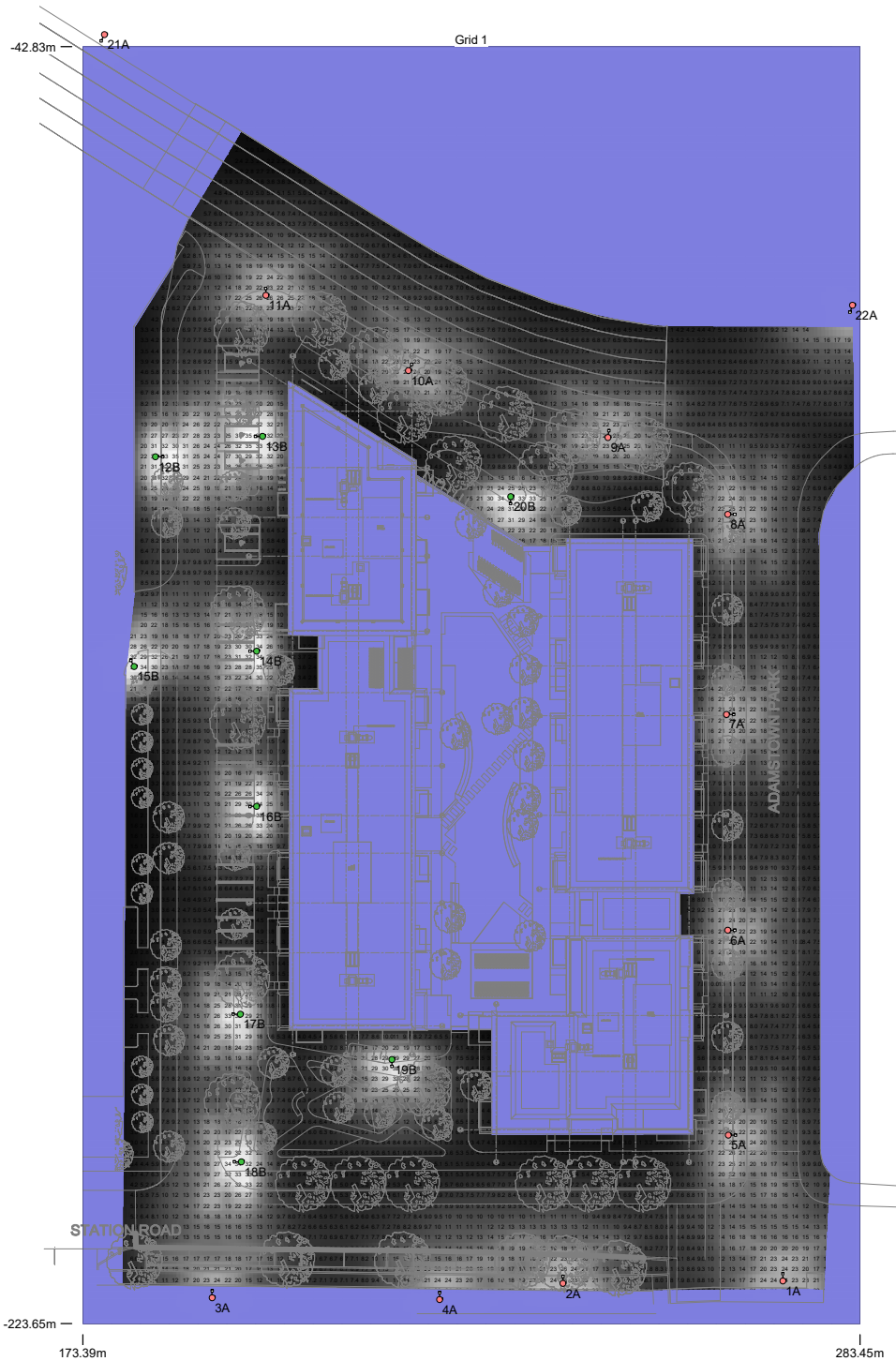


Results

Eav	11.25
Emin	1.55
Emax	35.45
Emin/Emax	0.04
Emin/Eav	0.14

Horizontal Illuminance (lux)

Grid 1

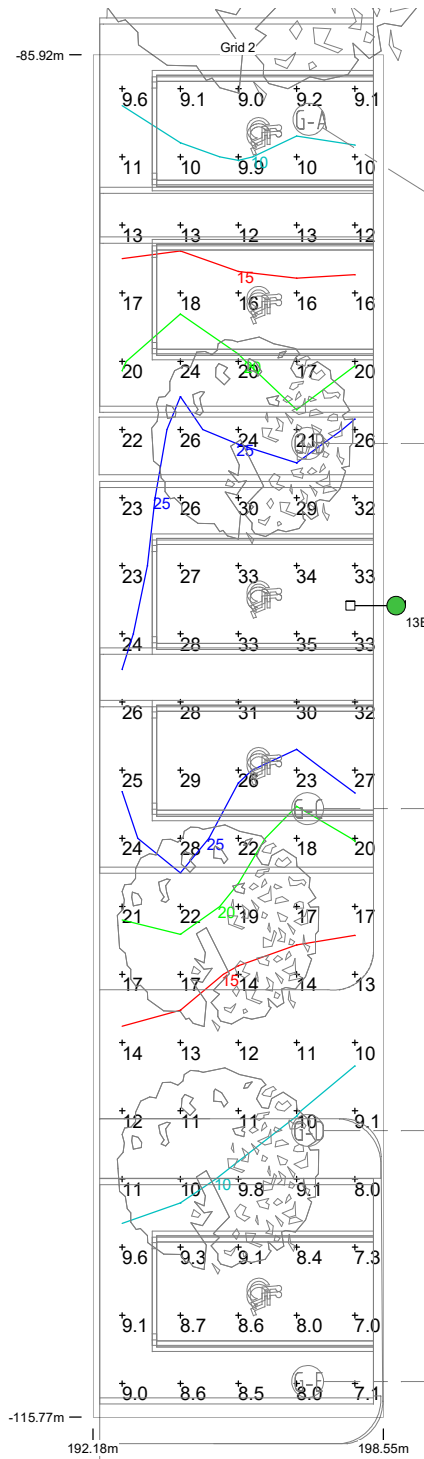


Results

Eav	11.25
Emin	1.55
Emax	35.45
Emin/Emax	0.04
Emin/Eav	0.14

Horizontal Illuminance (lux)

Grid 2



Results

Eav	17.56
Emin	6.99
Emax	35.30
Emin/Emax	0.20
Emin/Eav	0.40