

DATE: 20 February 2026
DESIGNER: WLC
PROJECT No: WLC1460
PROJECT NAME: S38 Southwick



The proposed lighting design adheres to the requirements of the following lighting class(es):

Achieved lighting levels: P5

Refer to report for specific results.

WLC1460-LC-AC-001 R1

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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	383701.98	154712.22	102.00	173.75	1.50	1.50
2	Grid 2	383611.77	154764.40	114.00	103.58	1.50	1.50
3	Grid 3	383683.59	154881.06	123.00	57.00	1.50	1.50
4	Grid 4	383766.86	154853.18	75.00	81.00	1.50	1.50

Luminaires

Luminaire A Data

Supplier	
Type	AXIA 3.1 C2.1 - 3K 8 OSLOM SQUARE GIA NT 540mA WW Integrated I
Lamp(s)	8 OSLOM SQUARE GIANT 540mA WW 30 00K
Lamp Flux (klm)	2.10
File Name	AXIA 3.1 C2.1-3K 8 OSLOM SQUARE GIA T 540mA WW 3000K Integrated lenses - 2...
Maintenance Factor	0.80
Lum. Int. Class	G3
No. in Project	17

Luminaire B Data

Supplier	
Type	AXIA 3.1 C2.1 - 3K 8 OSLOM SQUARE GIA NT 540mA WW Integrated I
Lamp(s)	8 OSLOM SQUARE GIANT 540mA WW 30 00K
Lamp Flux (klm)	2.10
File Name	AXIA 3.1 C2.1-3K 8 OSLOM SQUARE GIA T 540mA WW 3000K Integrated lenses - 2...
Maintenance Factor	0.80
Lum. Int. Class	G3
No. in Project	4

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out- reach	Target X	Target Y	Target Z
10	A	383735.52	154850.99	5.00	159.00	0.00	0.00	0.30			
11	A	383719.51	154819.19	5.00	359.00	0.00	0.00	0.30			
12	A	383733.27	154791.07	5.00	199.00	0.00	0.00	0.30			
13	A	383747.43	154766.95	5.00	227.00	0.00	0.00	0.30			
14	A	383771.37	154748.40	5.00	245.00	0.00	0.00	0.30			
15	A	383778.63	154733.25	6.00	147.00	0.00	0.00	0.30			
16	A	383707.31	154792.06	5.00	72.00	0.00	0.00	0.30			
17	A	383679.24	154803.63	5.00	48.00	0.00	0.00	0.30			
18	A	383653.85	154828.21	5.00	33.00	0.00	0.00	0.30			
20	A	383634.98	154848.55	5.00	302.00	0.00	0.00	0.30			
19	A	383654.53	154845.81	5.00	125.00	0.00	0.00	0.30			
1	B	383715.60	154885.75	6.00	28.00	0.00	0.00	0.30			
2	B	383742.42	154870.44	6.00	242.00	0.00	0.00	0.30			
3	B	383762.54	154860.63	6.00	248.00	0.00	0.00	0.30			
9	A	383784.61	154832.32	5.00	165.00	0.00	0.00	0.30			
5	A	383790.77	154871.46	5.00	154.00	0.00	0.00	0.30			
7	A	383806.80	154906.46	5.00	305.00	0.00	0.00	0.30			

Layout Continued

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
8	B	383830.19	154919.28	5.00	0.00	0.00	0.00	0.30			
4	A	383797.19	154839.08	5.00	77.00	0.00	0.00	0.30			
6	A	383785.48	154904.38	5.00	41.00	0.00	0.00	0.30			
21	A	383705.15	154783.15	5.00	331.00	0.00	0.00	0.30			

Horizontal Illuminance (lux)

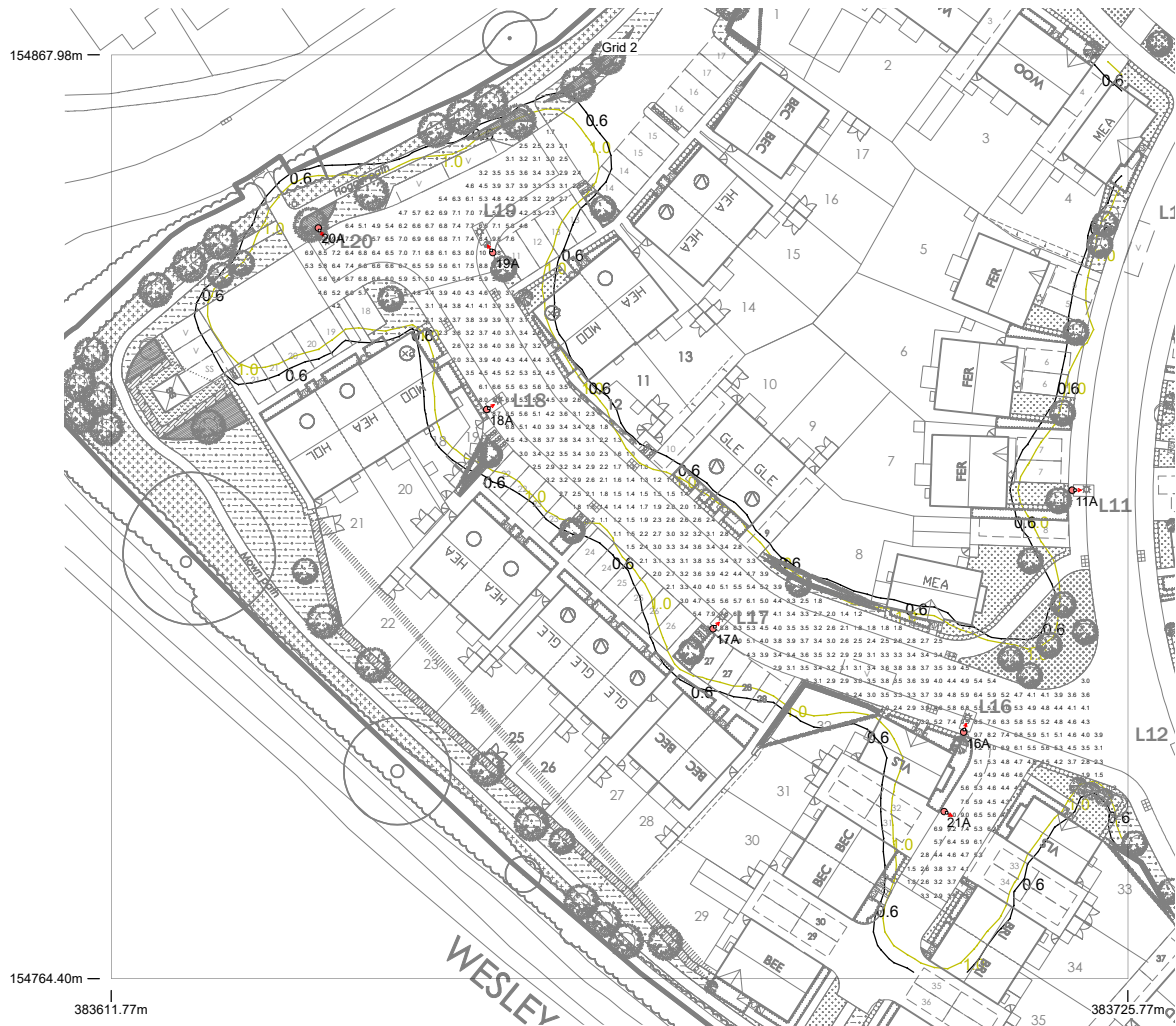
Grid 1

Grid 1



Horizontal Illuminance (lux)

Grid 2



Results

Eav	4.30
Emin	1.00
Emax	10.42
Emin/Emax	0.10
Emin/Eav	0.23

Horizontal Illuminance (lux)

Grid 3



Results

Eav	3.19
Emin	0.63
Emax	9.11
Emin/Emax	0.07
Emin/Eav	0.20

Horizontal Illuminance (lux)

Grid 4



Results

Eav	0.97
Emin	0.00
Emax	9.09
Emin/Emax	0.00
Emin/Eav	0.00