

DATE: 20 February 2026
DESIGNER: WLC
PROJECT No: WLC1461
PROJECT NAME: Private - 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.

WLC1461-LC-AC-001 R1

PREPARED BY: Williams Lighting Consultants Ltd.
t: 01608 642530
e-mail: info@wlclighting.co.uk
website: www.wlclighting.co.uk

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	383626.83	154809.74	90.00	42.00	1.50	1.50
2	Grid 2	383752.46	154778.92	55.37	48.00	1.50	1.50
3	Grid 3	383772.07	154967.08	137.73	60.00	1.50	1.50
4	Grid 4	383747.26	154902.66	51.00	39.00	1.50	1.50

Luminaires

Luminaire A Data

Supplier	
Type	AXIA 3.1 C2.1 - 3K 8 OSLON SQUARE GIA NT 540mA WW Integrated I
Lamp(s)	8 OSLON SQUARE GIANT 540mA WW 30 00K
Lamp Flux (klm)	2.10
File Name	AXIA 3.1 C2.1-3K 8 OSLON SQUARE GIA T 540mA WW 3000K Integrated lenses - 2...
Maintenance Factor	0.80
Lum. Int. Class	G3
No. in Project	23

Luminaire B Data

Supplier	
Type	AXIA 3.1 C3.6 - 3K 16 OSLON SQUARE GI ANT 460mA WW Integrated
Lamp(s)	16 OSLON SQUARE GIANT 460mA WW 3 000K
Lamp Flux (klm)	3.65
File Name	AXIA 3.1 C3.6-3K 16 OSLON SQUARE GIA NT 460mA WW 3000K Integrated lenses - ...
Maintenance Factor	0.80
Lum. Int. Class	G3
No. in Project	1

Luminaire C Data

Supplier	
Type	AXIA 3.1 B1.0 - 27K 8 OSLON SQUARE GI ANT 270mA WW Integrated
Lamp(s)	8 OSLON SQUARE GIANT 270mA WW 27 00K
Lamp Flux (klm)	1.08
File Name	AXIA 3.1 B1.0-27K 8 OSLON SQUARE GIA NT 270mA WW 2700K Integrated lenses - ...
Maintenance Factor	0.80
Lum. Int. Class	G3
No. in Project	2

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	383747.33	154767.01	5.00	233.00	0.00	0.00	0.30			
14	A	383771.28	154748.48	5.00	245.00	0.00	0.00	0.30			
15	A	383778.46	154733.39	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			

Layout Continued

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
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	383654.05	154846.48	5.00	125.00	0.00	0.00	0.30			
1	A	383715.60	154885.74	6.00	28.00	0.00	0.00	0.30			
2	A	383742.42	154872.05	6.00	247.00	0.00	0.00	0.30			
3	A	383762.54	154860.63	6.00	251.00	0.00	0.00	0.30			
9	B	383784.61	154832.32	5.00	165.00	0.00	0.00	0.30			
5	A	383789.33	154869.23	5.00	154.00	0.00	0.00	0.30			
7	A	383806.58	154906.61	5.00	305.00	0.00	0.00	0.30			
8	A	383830.32	154919.56	5.00	0.00	0.00	0.00	0.30			
4	A	383797.43	154839.07	5.00	77.00	0.00	0.00	0.30			
6	A	383785.41	154904.90	5.00	41.00	0.00	0.00	0.30			
21	A	383703.74	154783.99	5.00	331.00	0.00	0.00	0.30			
23	A	383668.18	154867.26	5.00	318.00	0.00	0.00	0.30			
24	A	383784.01	154800.90	5.00	211.00	0.00	0.00	0.30			
27	C	383829.79	154948.80	5.00	201.00	0.00	0.00	0.30			
28	C	383847.22	154898.07	5.00	234.00	0.00	0.00	0.30			
29	A	383772.75	154929.65	5.00	299.00	0.00	0.00	0.30			

Horizontal Illuminance (lux)

Grid 1



Results

Eav	3.75
Emin	0.84
Emax	8.93
Emin/Emax	0.09
Emin/Eav	0.22

Horizontal Illuminance (lux)

Grid 2



Results

Eav	3.05
Emin	0.62
Emax	8.77
Emin/Emax	0.07
Emin/Eav	0.20

Horizontal Illuminance (lux)

Grid 3



Results

Eav	2.54
Emin	0.33
Emax	8.93
Emin/Emax	0.04
Emin/Eav	0.13

Horizontal Illuminance (lux)

Grid 4



Results

Eav	1.26
Emin	0.00
Emax	9.91
Emin/Emax	0.00
Emin/Eav	0.00