

DATE: 26 November 2025
DESIGNER: WLC
PROJECT No: WLC1381
PROJECT NAME: South Wick Court Farm



R2: Client Review

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

Achieved lighting levels: P4

Refer to report for specific results.

WLC1381-LC-AC-001 R2

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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	384505.75	155894.92	216.97	144.00	1.50	1.50
2	Grid 2	384713.05	155853.98	213.95	82.24	1.50	1.50
3	Grid 3	384917.86	155744.94	132.00	141.00	1.50	1.50
4	Grid 4	385011.16	155681.92	63.00	79.38	1.50	1.50

Luminaires

Luminaire A Data

Supplier	
Type	AXIA 3.1 B3.6 - 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 B3.6-3K 16 OSLON SQUARE GIA NT 460mA WW 3000K Integrated lenses - ...
Maintenance Factor	0.76
Lum. Int. Class	G3
No. in Project	18

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out- reach	Target X	Target Y	Target Z
17	A	385046.06	155711.86	6.00	201.00	0.00	0.00	0.30			
16	A	385030.11	155730.65	6.00	22.00	0.00	0.00	0.30			
15	A	385028.97	155762.29	6.00	197.00	0.00	0.00	0.30			
14	A	385017.72	155795.39	6.00	199.00	0.00	0.00	0.30			
13	A	384999.63	155826.01	6.00	233.00	0.00	0.00	0.30			
18	A	385025.66	155708.81	6.00	291.00	0.00	0.00	0.30			
12	A	384968.99	155845.42	6.00	240.00	0.00	0.00	0.30			
11	A	384938.56	155864.82	6.00	239.00	0.00	0.00	0.30			
10	A	384912.50	155870.46	6.00	73.00	0.00	0.00	0.30			
9	A	384883.12	155885.68	6.00	259.00	0.00	0.00	0.30			
8	A	384839.27	155893.64	6.00	261.00	0.00	0.00	0.30			
7	A	384801.82	155892.77	6.00	78.00	0.00	0.00	0.30			
6	A	384766.16	155901.12	6.00	78.00	0.00	0.00	0.30			
5	A	384736.53	155907.32	6.00	80.00	0.00	0.00	0.30			
4	A	384703.19	155913.72	6.00	79.00	0.00	0.00	0.30			
3	A	384673.57	155935.44	6.00	222.00	0.00	0.00	0.30			
2	A	384662.97	155965.87	6.00	199.00	0.00	0.00	0.30			

Layout Continued

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out- reach	Target X	Target Y	Target Z
1	A	384645.93	155998.68	6.00	228.00	0.00	0.00	0.30			

Horizontal Illuminance (lux)

Grid 1



Horizontal Illuminance (lux)

Grid 2

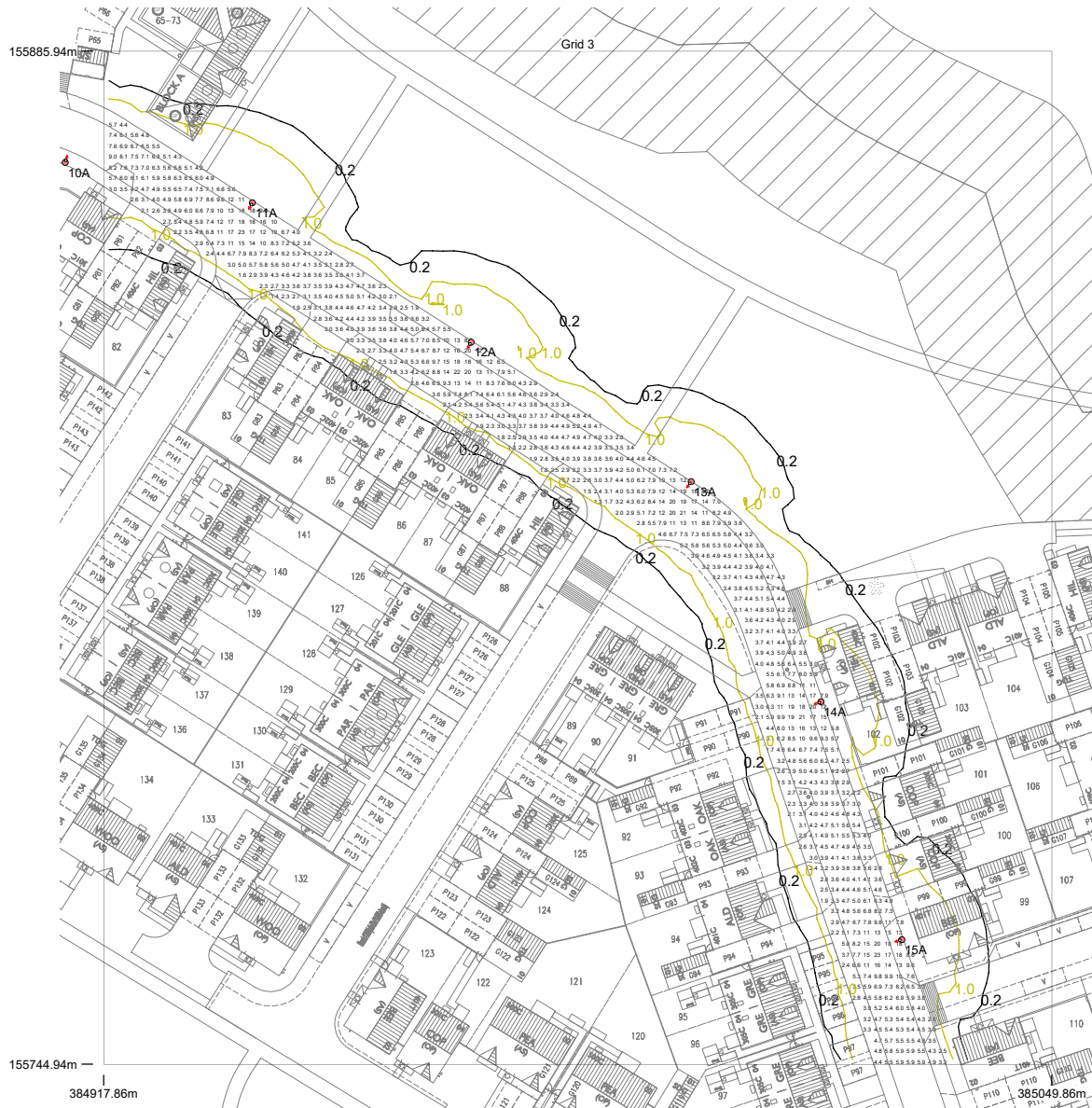


Results

Eav	5.76
Emin	1.18
Emax	22.51
Emin/Emax	0.05
Emin/Eav	0.21

Horizontal Illuminance (lux)

Grid 3



Results

Eav	6.04
Emin	1.27
Emax	23.39
Emin/Emax	0.05
Emin/Eav	0.21

Horizontal Illuminance (lux)

Grid 4



Results

Eav	7.12
Emin	1.23
Emax	25.03
Emin/Emax	0.05
Emin/Eav	0.17