

DATE: 17 November 2025
DESIGNER: M Groves AMILP EngTech
PROJECT No: 20038178
PROJECT NAME: EVO20038178-AC-002-A

ENERVEO

Land West of Sayers Common

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	526121.00	117971.00	230.00	200.00	1.49	1.49
2	Grid 2	526121.00	118171.00	230.00	200.00	1.49	1.49

Luminaires

Luminaire A Data

Supplier	
Type	AXIA 3.1 5266 Integrated lenses Rear louvers 16 OSLON SQUARE
Lamp(s)	16 OSLON SQUARE GIANT@200mA WW 727 230V 01-11-802
LampFlux(klm)/Colour	1.13 WW 2700K/70
File Name	AXIA 3.1 5266 16 OSLON SQUARE GIANT Drv 200mA WW 727 10.8W 457662 Integra...
Maintenance Factor	1.00
Imax70,80,90(cd/klm)	1216.3, 169.4, 0.0
No. in Project	14

Luminaire B Data

Supplier	
Type	AXIA 3.1 5267 Integrated lenses Rear louvers 16 OSLON SQUARE
Lamp(s)	16 OSLON SQUARE GIANT@300mA WW 727 230V 01-11-802
LampFlux(klm)/Colour	1.48 WW 2700K/70
File Name	AXIA 3.1 5267 16 OSLON SQUARE GIANT Drv 300mA WW 727 15.5W 457672 Integra...
Maintenance Factor	1.00
Imax70,80,90(cd/klm)	1281.8, 174.5, 0.0
No. in Project	4

Luminaire C Data

Supplier	
Type	AXIA 3.1 5266 Integrated lenses Front-Rear louvers 8 OSLON SQ
Lamp(s)	8 OSLON SQUARE GIANT@400mA WW 727 230V 01-11-802
LampFlux(klm)/Colour	0.94 WW 2700K/70
File Name	AXIA 3.1 5266 8 OSLON SQUARE GIANT Drv 400mA WW 727 10.6W 432032 Integra...
Maintenance Factor	1.00
Imax70,80,90(cd/klm)	1493.9, 159.9, 0.0
No. in Project	2

Luminaire D Data

Supplier	
Type	URBA BOLLARD 4L105 730 CL1
Lamp(s)	URBB_730 15W
LampFlux(klm)/Colour	1.01 3000/70
File Name	96275589_(STD_LEO).LDT
Maintenance Factor	1.00
Imax70,80,90(cd/klm)	653.8, 85.4, 1.6
No. in Project	52

Luminaire E Data

Supplier	
Type	AXIA 3.1 5296 Integrated lenses Rear louvers 8 OSLON SQUARE G
Lamp(s)	8 OSLON SQUARE GIANT@300mA WW 727 230V 01-11-802
LampFlux(klm)/Colour	0.81 WW 2700K/70
File Name	AXIA 3.1 5296 8 OSLON SQUARE GIANT Drv 300mA WW 727 8.1W 457602 Integrat...
Maintenance Factor	1.00
Imax70,80,90(cd/klm)	1285.9, 28.2, 0.0
No. in Project	2

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	A	526288.23	118082.48	6.00	32.00	0.00	0.00	0.40			
2	C	526183.06	118020.93	6.00	317.00	0.00	0.00	0.50			
3	A	526286.98	118113.03	6.00	214.00	0.00	0.00	0.40			
4	A	526259.46	118131.79	6.00	242.00	0.00	0.00	0.40			
5	A	526227.59	118147.74	6.00	249.00	0.00	0.00	0.40			
6	A	526209.75	118141.64	6.00	324.00	0.00	0.00	0.40			
7	A	526204.77	118106.38	6.00	5.00	0.00	0.00	0.40			
8	A	526202.29	118073.56	6.00	336.00	0.00	0.00	0.40			
9	B	526281.68	118138.31	6.00	332.00	0.00	0.00	0.40			
10	C	526183.37	118040.68	6.00	342.00	0.00	0.00	0.50			
11	B	526281.55	118162.98	6.00	3.00	0.00	0.00	0.40			
12	B	526279.10	118198.29	6.00	5.00	0.00	0.00	0.40			
13	B	526288.22	118223.73	6.00	179.00	0.00	0.00	0.40			
14	A	526285.73	118243.37	6.00	338.00	0.00	0.00	0.40			
15	A	526305.37	118269.27	6.00	174.00	0.00	0.00	0.40			
16	D	526300.16	118304.92	1.00	203.00	0.00	0.00	0.00			
17	D	526277.73	118312.99	1.00	280.00	0.00	0.00	0.00			
18	D	526246.00	118307.62	1.00	280.00	0.00	0.00	0.00			
19	D	526264.85	118299.17	1.00	190.00	0.00	0.00	0.00			
20	A	526271.69	118218.36	6.00	90.00	0.00	0.00	0.40			
21	A	526237.27	118223.58	6.00	72.00	0.00	0.00	0.40			
22	A	526214.65	118237.48	6.00	353.00	0.00	0.00	0.40			
23	A	526219.74	118259.25	6.00	191.00	0.00	0.00	0.40			
24	A	526208.27	118281.97	6.00	9.00	0.00	0.00	0.40			
25	D	526275.75	118080.34	1.00	111.00	0.00	0.00	0.00			
26	D	526257.09	118073.14	1.00	126.00	0.00	0.00	0.00			
27	D	526243.12	118058.83	1.00	133.00	0.00	0.00	0.00			
28	D	526228.81	118044.85	1.00	133.00	0.00	0.00	0.00			
29	D	526213.75	118031.69	1.00	127.00	0.00	0.00	0.00			
30	D	526196.50	118021.27	1.00	119.00	0.00	0.00	0.00			
31	D	526210.80	118040.27	1.00	268.00	0.00	0.00	0.00			
32	D	526198.83	118041.01	1.00	290.00	0.00	0.00	0.00			
33	D	526205.67	118035.58	1.00	87.00	0.00	0.00	0.00			
34	D	526191.71	118032.40	1.00	68.00	0.00	0.00	0.00			
35	D	526303.22	118094.46	1.00	153.00	0.00	0.00	0.00			
36	E	526195.78	118160.21	6.00	250.00	0.00	0.00	0.00			

Layout Continued

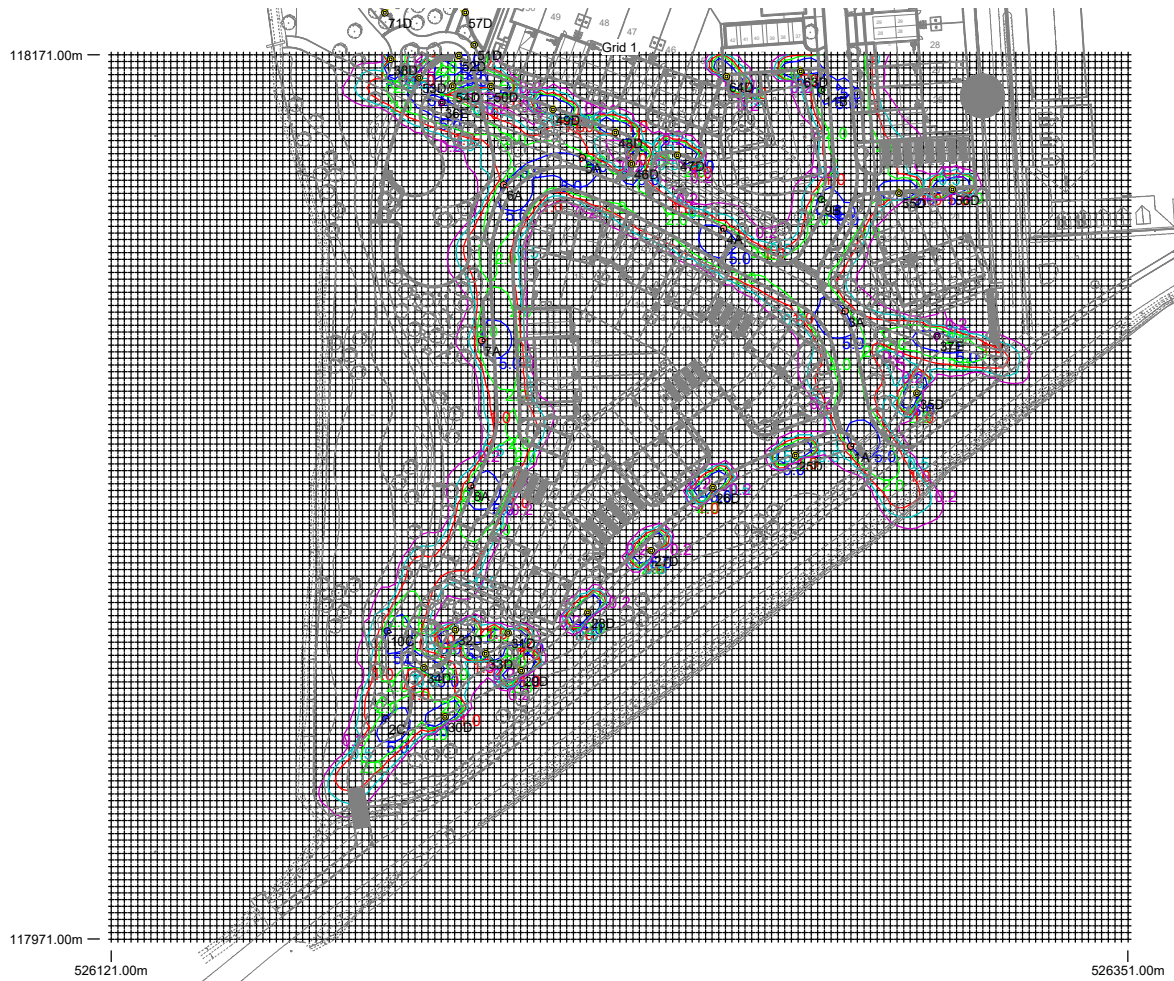
ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
37	E	526307.79	118107.40	6.00	257.00	0.00	0.00	0.00			
38	D	526184.17	118169.95	1.00	0.00	0.00	0.00	0.00			
39	D	526175.90	118182.58	1.00	32.00	0.00	0.00	0.00			
40	D	526169.52	118196.16	1.00	20.00	0.00	0.00	0.00			
41	D	526167.48	118211.37	1.00	1.00	0.00	0.00	0.00			
42	D	526170.06	118227.26	1.00	348.00	0.00	0.00	0.00			
43	D	526198.83	118207.23	1.00	71.00	0.00	0.00	0.00			
44	D	526193.32	118221.18	1.00	197.00	0.00	0.00	0.00			
45	D	526181.73	118230.71	1.00	259.00	0.00	0.00	0.00			
46	D	526238.66	118146.34	1.00	336.00	0.00	0.00	0.00			
47	D	526249.07	118148.24	1.00	71.00	0.00	0.00	0.00			
48	D	526235.00	118153.44	1.00	71.00	0.00	0.00	0.00			
49	D	526220.93	118158.63	1.00	71.00	0.00	0.00	0.00			
50	D	526206.86	118163.85	1.00	71.00	0.00	0.00	0.00			
51	D	526203.12	118173.27	1.00	219.00	0.00	0.00	0.00			
52	D	526199.60	118170.82	1.00	250.00	0.00	0.00	0.00			
53	D	526190.62	118165.82	1.00	327.00	0.00	0.00	0.00			
54	D	526198.23	118163.88	1.00	102.00	0.00	0.00	0.00			
55	D	526299.18	118139.76	1.00	97.00	0.00	0.00	0.00			
56	D	526311.23	118140.54	1.00	95.00	0.00	0.00	0.00			
57	D	526201.05	118180.57	1.00	157.00	0.00	0.00	0.00			
58	D	526212.35	118221.00	1.00	343.00	0.00	0.00	0.00			
59	D	526204.91	118199.25	1.00	341.00	0.00	0.00	0.00			
60	D	526217.86	118304.99	1.00	280.00	0.00	0.00	0.00			
61	D	526301.44	118248.56	1.00	275.00	0.00	0.00	0.00			
62	D	526311.35	118243.46	1.00	184.00	0.00	0.00	0.00			
63	D	526276.91	118167.27	1.00	96.00	0.00	0.00	0.00			
64	D	526260.11	118166.08	1.00	44.00	0.00	0.00	0.00			
65	D	526283.66	118259.23	1.00	249.00	0.00	0.00	0.00			
66	D	526270.75	118258.99	1.00	65.00	0.00	0.00	0.00			
67	D	526258.54	118261.03	1.00	85.00	0.00	0.00	0.00			
68	D	526246.77	118265.18	1.00	354.00	0.00	0.00	0.00			
69	D	526183.35	118206.44	1.00	237.00	0.00	0.00	0.00			
70	D	526193.87	118185.52	1.00	124.00	0.00	0.00	0.00			
71	D	526182.89	118180.50	1.00	46.00	0.00	0.00	0.00			
72	D	526175.64	118191.84	1.00	46.00	0.00	0.00	0.00			

Layout Continued

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out- reach	Target X	Target Y	Target Z
73	D	526192.55	118195.32	1.00	187.00	0.00	0.00	0.00			
74	D	526174.30	118207.51	1.00	292.00	0.00	0.00	0.00			

Horizontal Illuminance (lux)

Grid 1

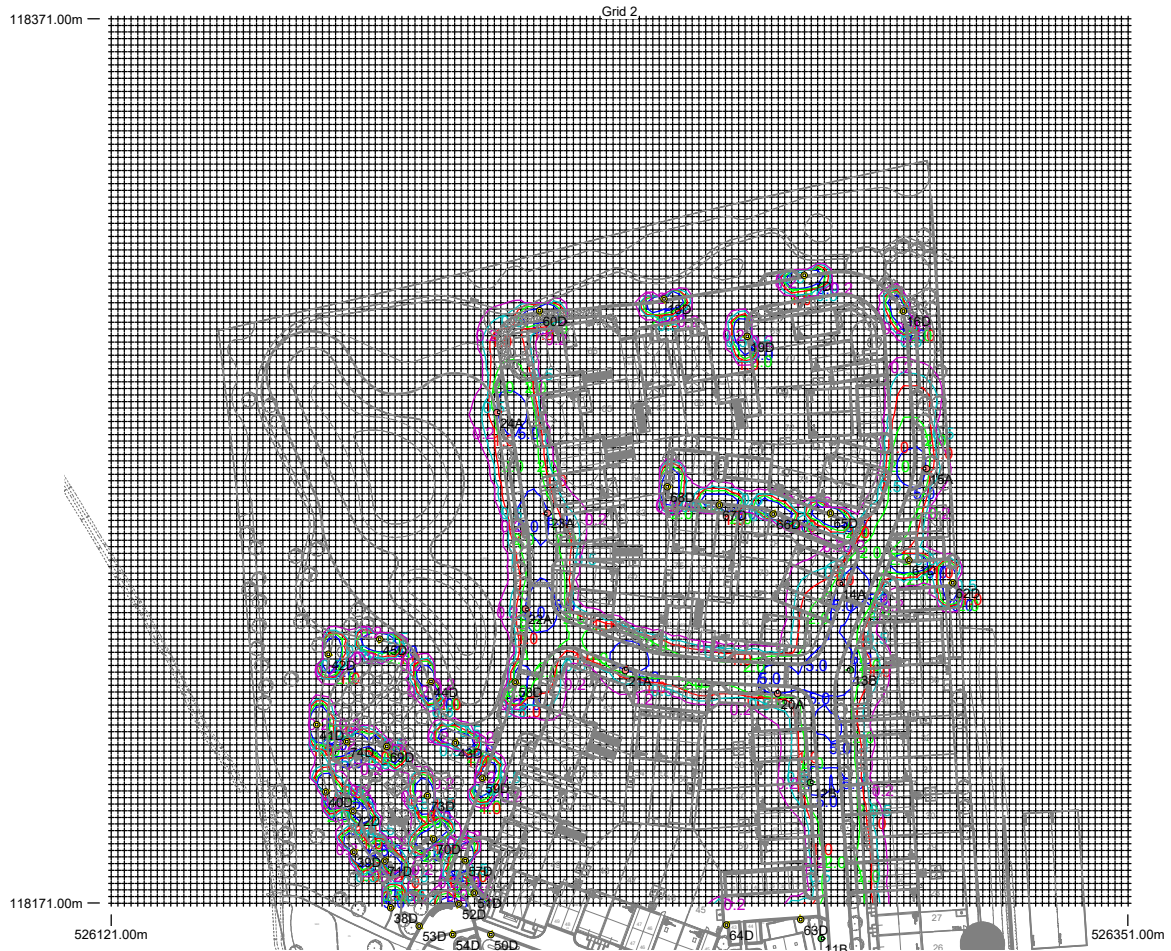


Results

Eav	0.81
Emin	0.00
Emax	331.06
Emin/Emax	0.00
Emin/Eav	0.00

Horizontal Illuminance (lux)

Grid 2



Results

Eav	0.83
Emin	0.00
Emax	316.30
Emin/Emax	0.00
Emin/Eav	0.00