

DATE: 15 December 2025
DESIGNER: A Elliott
PROJECT No: 4384
PROJECT NAME: Regents Park, Calne



Lighting parameters taken from ILP Guidance documents
GN08.2023 - Bats and Artificial Lighting at Night.

GN08: 0.5lx Maximum (Purple Iso-contour)

Indicative light spill diagram.

> Not for construction.

> Initial light levels shown.

> Light spill diagram does not consider blocking or shading effects
of light limiting objects and represents worst-case vertical light
spill

> Light spill diagram to be read in conjunction with Lighting
Strategy: 4384-DFL-HLG-XX-RP-EO-13001

4384-DFL-HLG-XX-CA-EO-13001-S3-P01

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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	401446.00	171068.00	135.00	135.00	1.50	1.50
2	Grid 2	401490.11	171105.88	60.00	75.00	1.50	1.50
3	PSER001 - Southern Boundar...	401560.60	171116.33	87.00	5.00	1.00	1.00

Luminaires

Luminaire A Data

Supplier	Wiltshire Approved
Type	AXIA 3.1 C2.0 - 27K 8 OSLO SQUARE GI ANT 540mA WW Integrated
Lamp(s)	8 OSLO SQUARE GIANT 540mA WW 27 00K
Lamp Flux (klm)	2.01
File Name	AXIA 3.1 C2.0 - 27K 8 OSLO SQUARE GI ANT 540mA WW 2700K Integrated lenses ...
Maintenance Factor	1.00
Lum. Int. Class	G3
Lamp S/P Ratio	0.00
No. in Project	4

Luminaire E Data

Supplier	Misc
Type	JET 4
Lamp(s)	1 LED 3000K
Lamp Flux (klm)	0.55
File Name	JE-30454-N-9030.ies
Maintenance Factor	1.00
Lum. Int. Class	G3
Lamp S/P Ratio	0.00
No. in Project	17

Luminaire F Data

Supplier	Misc
Type	GINO 4
Lamp(s)	2x4 LED 3000K
Lamp Flux (klm)	1.14
File Name	GI-31641-EW-8030.ies
Maintenance Factor	1.00
Lum. Int. Class	G3
Lamp S/P Ratio	0.00
No. in Project	17

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out- reach	Dimmed to	Target X	Target Y	Target Z
1	A	401520.06	171164.09	5.00	107.00	0.00	0.00	0.40	100%			
2	A	401510.57	171150.46	5.00	225.00	0.00	0.00	0.40	100%			
3	A	401524.30	171132.49	5.00	207.00	0.00	0.00	0.40	100%			
4	A	401546.73	171182.03	6.00	297.00	0.00	0.00	0.40	0%			
5	E	401544.28	171120.11	2.00	222.00	0.00	0.00	0.00	100%			
6	E	401540.28	171124.14	2.00	222.00	0.00	0.00	0.00	100%			
7	E	401538.42	171126.05	2.00	222.00	0.00	0.00	0.00	100%			
8	E	401532.52	171132.10	2.00	222.00	0.00	0.00	0.00	100%			

Layout Continued

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Dimmed to	Target X	Target Y	Target Z
9	E	401530.09	171134.57	2.00	222.00	0.00	0.00	0.00	100%			
10	E	401516.23	171156.36	2.00	135.00	0.00	0.00	0.00	100%			
11	E	401519.44	171159.57	2.00	135.00	0.00	0.00	0.00	100%			
12	E	401524.44	171162.93	2.00	135.00	0.00	0.00	0.00	100%			
13	E	401493.85	171149.87	2.00	135.00	0.00	0.00	0.00	100%			
14	E	401490.68	171146.75	2.00	135.00	0.00	0.00	0.00	100%			
15	E	401477.91	171127.31	2.00	179.00	0.00	0.00	0.00	100%			
16	E	401477.62	171120.70	2.00	178.00	0.00	0.00	0.00	100%			
17	E	401480.79	171100.31	2.00	267.00	0.00	0.00	0.00	100%			
18	E	401515.77	171124.75	2.00	45.00	0.00	0.00	0.00	100%			
19	E	401512.40	171128.17	2.00	45.00	0.00	0.00	0.00	100%			
20	E	401508.07	171132.47	2.00	45.00	0.00	0.00	0.00	100%			
21	F	401486.64	171129.11	2.00	358.00	0.00	0.00	0.00	100%			
22	F	401486.26	171120.23	2.00	358.00	0.00	0.00	0.00	100%			
23	F	401480.45	171109.00	2.00	88.00	0.00	0.00	0.00	100%			
24	F	401514.70	171110.80	2.00	225.00	0.00	0.00	0.00	100%			
25	F	401508.38	171119.75	2.00	225.00	0.00	0.00	0.00	100%			
26	F	401505.04	171123.07	2.00	225.00	0.00	0.00	0.00	100%			
27	F	401502.36	171125.75	2.00	225.00	0.00	0.00	0.00	100%			
28	F	401498.26	171140.27	2.00	314.00	0.00	0.00	0.00	100%			
29	F	401500.31	171142.36	2.00	314.00	0.00	0.00	0.00	100%			
30	F	401523.78	171149.94	2.00	314.00	0.00	0.00	0.00	100%			
31	F	401525.89	171152.01	2.00	314.00	0.00	0.00	0.00	100%			
32	F	401530.14	171156.28	2.00	314.00	0.00	0.00	0.00	100%			
33	F	401536.30	171141.40	2.00	44.00	0.00	0.00	0.00	100%			
34	F	401539.97	171137.64	2.00	44.00	0.00	0.00	0.00	100%			
35	F	401544.10	171133.47	2.00	44.00	0.00	0.00	0.00	100%			
36	F	401547.68	171129.86	2.00	44.00	0.00	0.00	0.00	100%			
37	F	401551.17	171126.28	2.00	44.00	0.00	0.00	0.00	100%			
38	E	401520.38	171111.46	2.00	316.00	0.00	0.00	0.00	100%			

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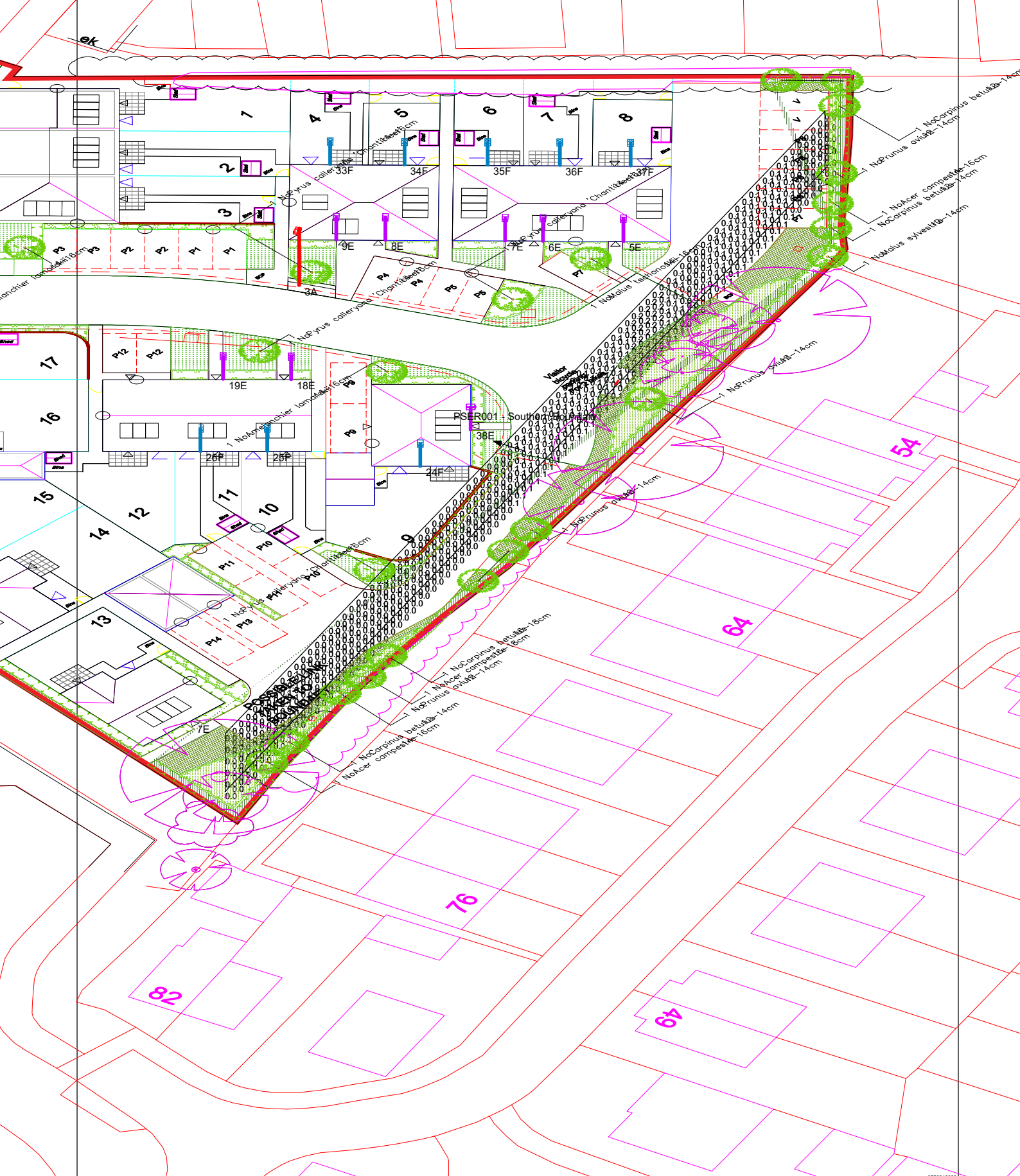
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Vertical Illuminance (lux)

Observer direction = 0 deg. Height = 0.00

PSER001 - Southern Boundary



Illuminance (lux)

PSER001 - Southern Boundary

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99
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Results

Eav	0.06
Emin	0.00
Emax	0.50
Emin/Emax	0.00
Emin/Eav	0.00