

DATE: 9 September 2025
DESIGNER: DFL - UK
PROJECT No: 4074
PROJECT NAME: FOLDERS GROVE PHASE 2



Location: Folders Grove Phase 2
Environmental Zone: E2
GN01: 1.0lx Maximum
GN08: 0.4lx Maximum
Lighting parameters taken from ILP Guidance documents
GN01.2021 - The reduction of Obtrusive Light and GN08.2023 - Bats
and Artificial Lighting at Night.

This calculation is showing all luminaires at 65% output with a
maintenance factor of the light source set to 1.0 to show the worst
case horizontal and vertical light spill.

4074-DFL-HLG-XX-CA-EO-13003-S3-P02

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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	PSER 001	730.69	18.19	33.33	6.00	0.25	0.25
2	PSER 002	722.25	-15.50	24.58	6.00	0.25	0.25
3	PSER 003	722.20	-41.54	48.37	6.00	0.25	0.30
4	PSER 004	724.70	-92.10	38.11	6.00	0.24	0.25
5	PSER 005	670.46	-135.10	49.47	6.00	0.25	0.24
6	PSER 006	661.91	-126.64	60.43	6.00	0.25	0.25
7	PSER 007	642.95	-39.56	17.85	6.00	0.25	0.25
8	PSER 008	617.72	-24.12	17.17	6.00	0.25	0.25
9	PSER 009	624.31	-20.46	37.89	6.00	0.25	0.25
10	PSER 0010	599.49	37.28	39.81	6.00	0.25	0.25
11	PHAR 001 - (Outside Plot 1...	698.36	-30.27	3.54	6.00	0.25	0.25
12	PHAR 002 - (Outside Plot 3...	709.02	-71.97	5.63	6.00	0.24	0.25
13	PHAR 003 - (Outside Plot 3...	670.62	-80.00	5.34	6.00	0.25	0.25
14	PHAR 004 - (Outside Plot 1...	697.60	18.12	2.61	6.00	0.24	0.25

Luminaires

Luminaire B Data

Supplier	Urbis Schreder
Type	ALBANY GEN2 MIDI 5305 [Deep shape PC], [Lum. shape-related, P
Lamp(s)	20 LH351C@200mA WW 727 230V 01-37-043
LampFlux(klm)/Colour	2.04 WW 2700K/70
File Name	13.2W 548552 [Deep shape PC], [Lum. shap e-related, Plastic, White] BL 230V EF .ldt
Maintenance Factor	1.00
Lum. Int. Class	G1
No. in Project	19

Luminaire C Data

Supplier	Urbis Schreder
Type	ALBANY GEN2 MIDI 5366 [Deep shape PC], [Lum. shape-related, P
Lamp(s)	20 LH351C@200mA WW 727 230V 01-37-043
LampFlux(klm)/Colour	2.04 WW 2700K/70
File Name	13.2W 548672 [Deep shape PC], [Lum. shap e-related, Plastic, White] BL 230V EF .ldt
Maintenance Factor	1.00
Lum. Int. Class	G3
No. in Project	1

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Dimmed to	Target X	Target Y	Target Z
1	B	710.79	-77.78	6.00	7.00	0.00	0.00	0.50	65%			
2	B	607.18	-36.66	6.00	248.00	0.00	0.00	0.50	65%			
3	B	655.69	-36.59	6.00	204.00	0.00	0.00	0.50	65%			
4	B	670.95	-37.45	6.00	291.00	0.00	0.00	0.50	65%			
5	B	698.57	-33.21	6.00	273.00	0.00	0.00	0.50	65%			
6	B	707.53	-48.40	6.00	0.00	0.00	0.00	0.50	65%			
7	B	710.26	-115.84	6.00	358.00	0.00	0.00	0.50	65%			

Layout Continued

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Dimmed to	Target X	Target Y	Target Z
8	B	690.84	-123.88	6.00	264.00	0.00	0.00	0.50	65%			
9	B	672.88	-108.68	6.00	192.00	0.00	0.00	0.50	65%			
10	B	666.37	-83.03	6.00	197.00	0.00	0.00	0.50	65%			
11	B	635.36	-34.69	6.00	110.00	0.00	0.00	0.50	65%			
12	B	658.42	-60.10	6.00	194.00	0.00	0.00	0.50	65%			
13	B	710.60	-24.34	6.00	0.00	0.00	0.00	0.50	65%			
14	B	660.97	-2.73	6.00	169.00	0.00	0.00	0.50	65%			
15	B	664.88	16.24	6.00	270.00	0.00	0.00	0.50	65%			
16	B	699.31	16.05	6.00	268.00	0.00	0.00	0.50	65%			
17	B	711.08	-0.31	6.00	0.00	0.00	0.00	0.50	65%			
18	B	648.64	30.85	6.00	191.00	0.00	0.00	0.50	65%			
19	C	631.91	66.90	6.00	265.00	0.00	0.00	0.50	65%			
20	B	639.47	50.13	6.00	354.00	0.00	0.00	0.50	65%			

Illuminance (lux)

PSER 001

[illegible]

Results

Eav	0.07
Emin	0.00
E _{max}	0.29
Emin/E _{max}	0.01
Emin/Eav	0.05

DATE: 9 September 2025
PROJECT No: 4074

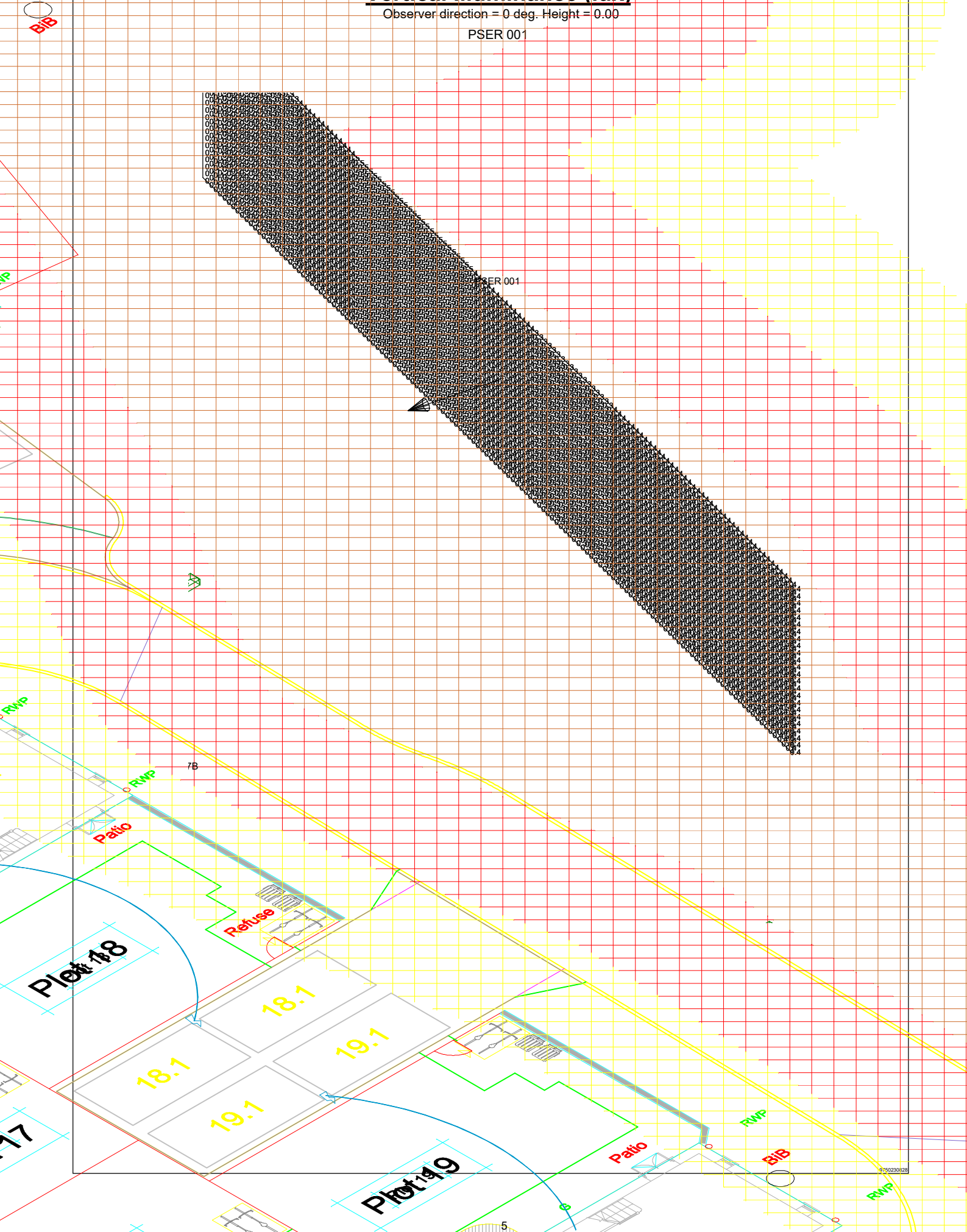
DESIGNER: DFL - UK
PROJECT NAME: FOLDERS GROVE PHASE 2



Vertical Illuminance (lux)

Observer direction = 0 deg. Height = 0.00

PSER 001



Illuminance (lux)

PSER 002



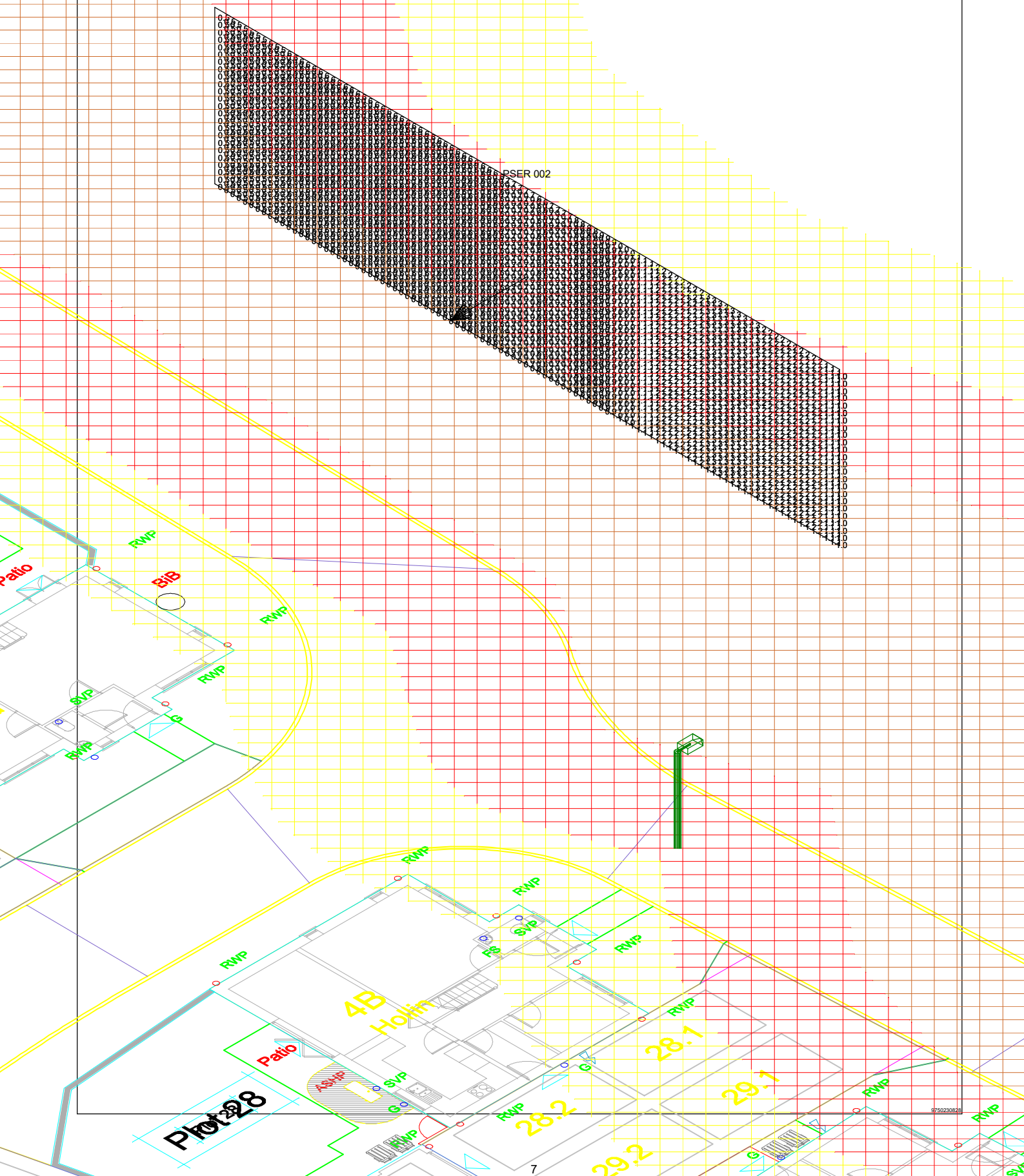
Results

Eav	0.17
Emin	0.01
Emax	0.65
Emin/Emax	0.01
Emin/Eav	0.06

Vertical Illuminance (lux)

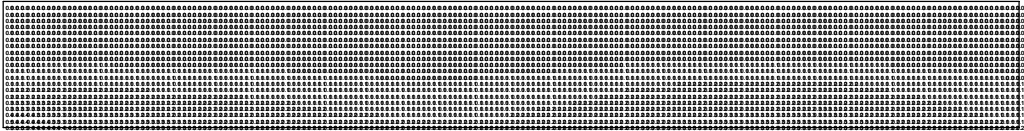
Observer direction = 0 deg. Height = 0.00

PSER 002



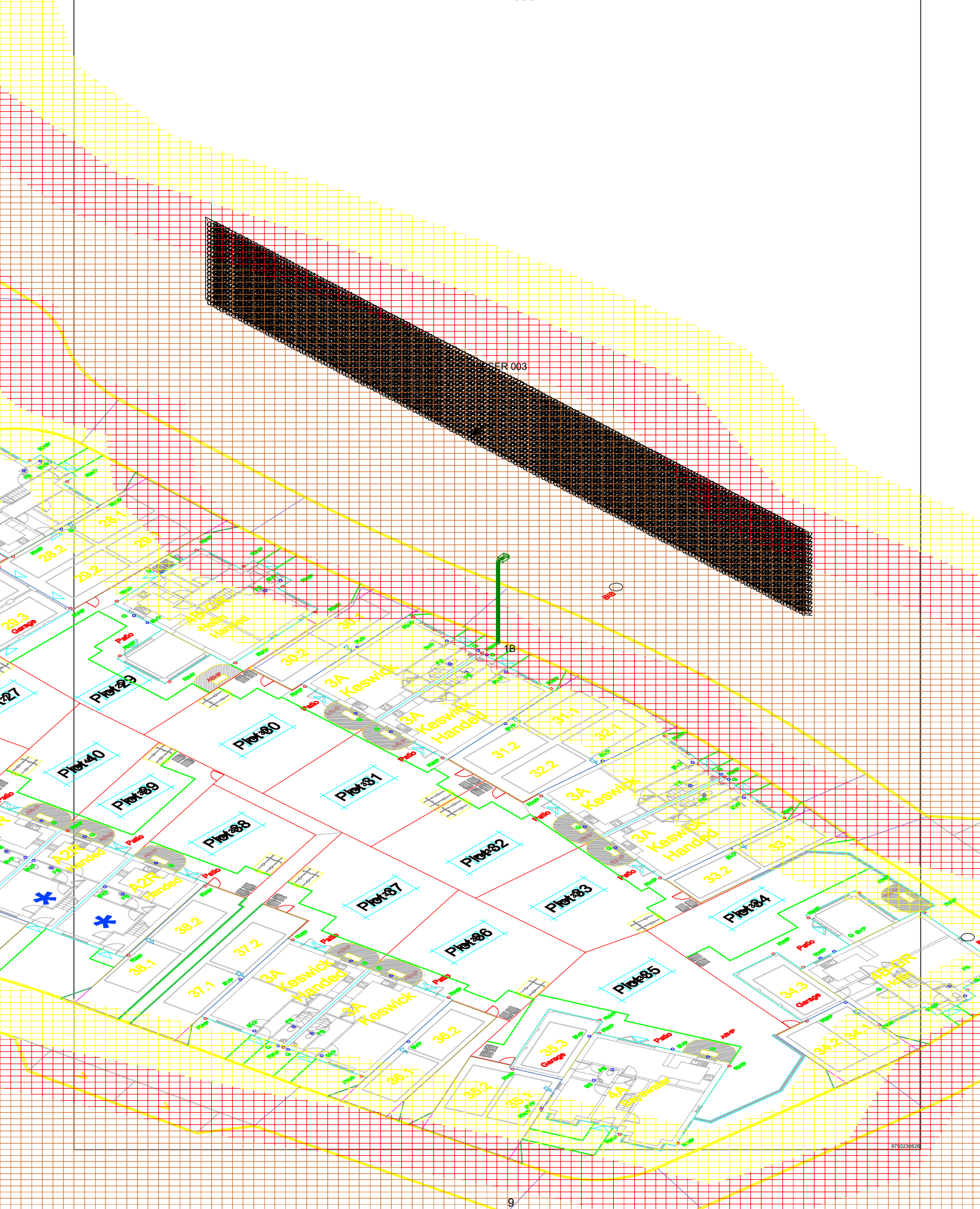
Illuminance (lux)

PSER 003



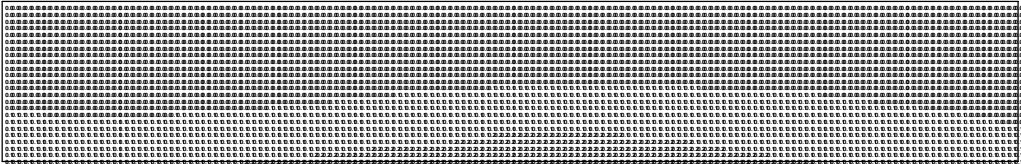
Results

Eav	0.09
Emin	0.01
Emax	0.51
Emin/Emax	0.01
Emin/Eav	0.07



Illuminance (lux)

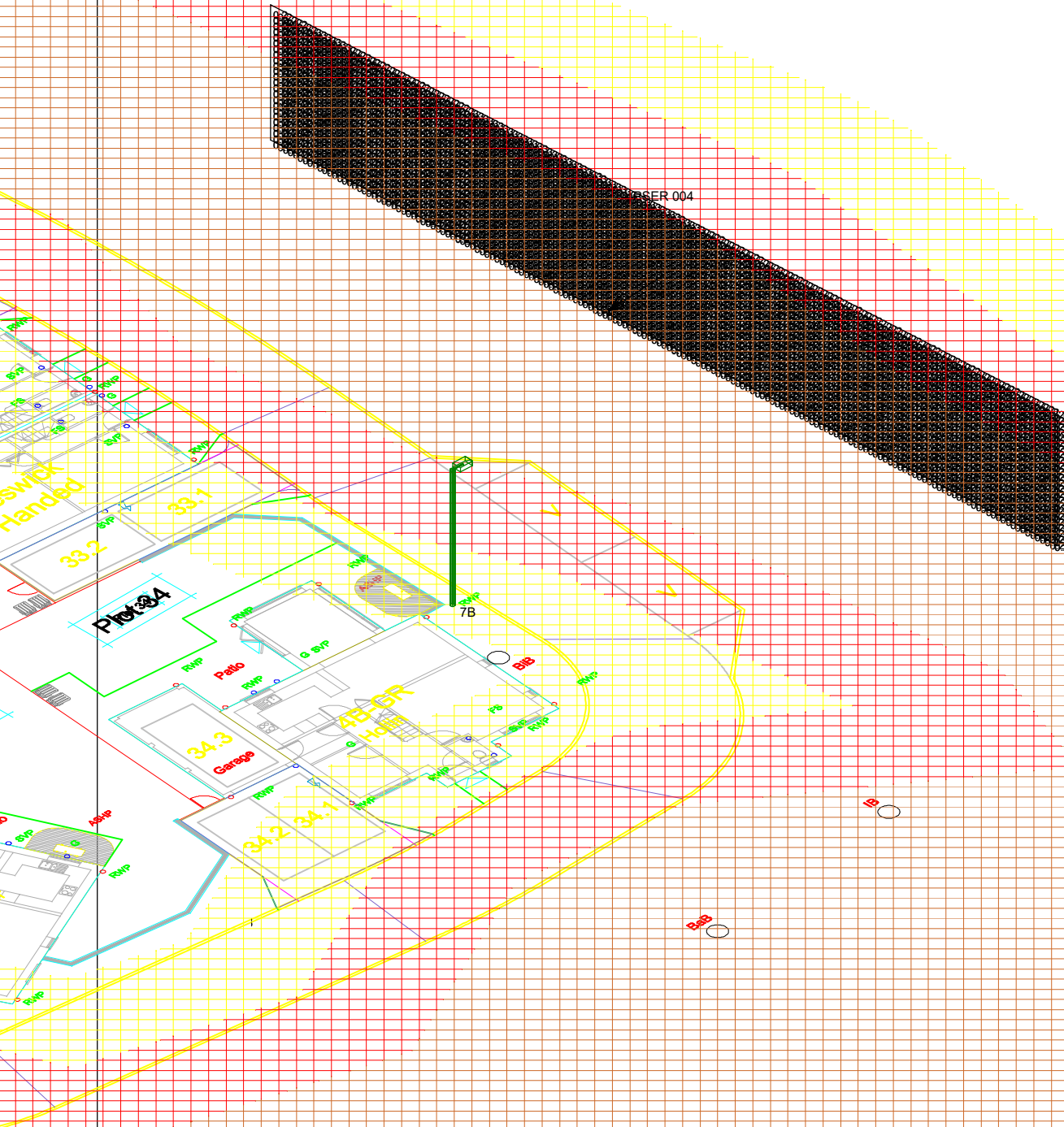
PSER 004



Results

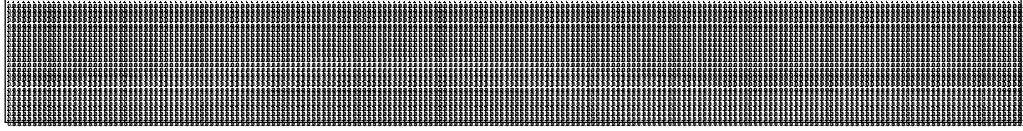
Eav	0.05
Emin	0.00
Emax	0.20
Emin/Emax	0.02
Emin/Eav	0.06

PSER 004



Illuminance (lux)

PSER 005



Results

Eav	0.07
Emin	0.00
E _{max}	0.34
Emin/E _{max}	0.01
Emin/Eav	0.05

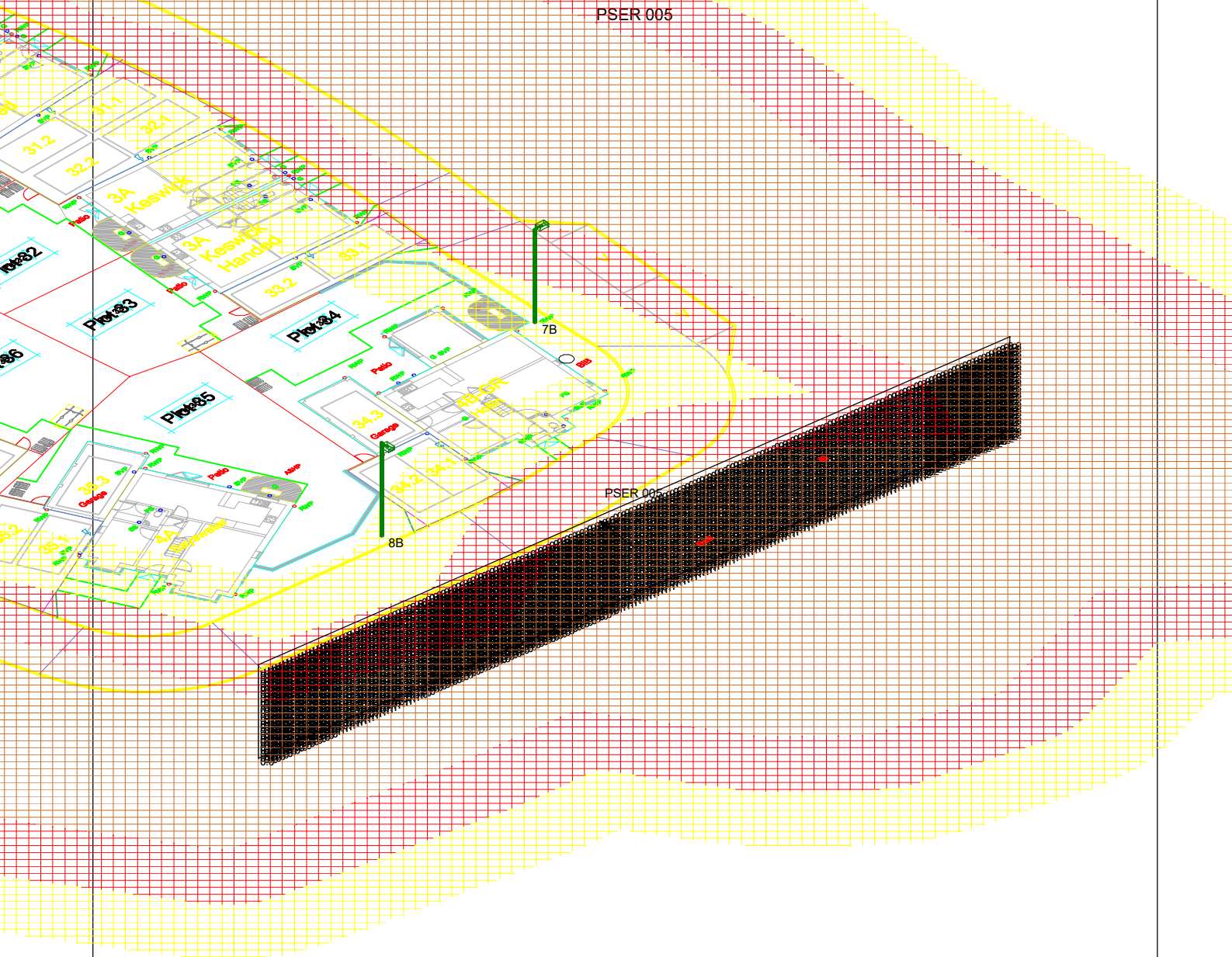
DATE: 9 September 2025
PROJECT No: 4074

DESIGNER: DFL - UK
PROJECT NAME: FOLDERS GROVE PHASE 2

Vertical Illuminance (lux)

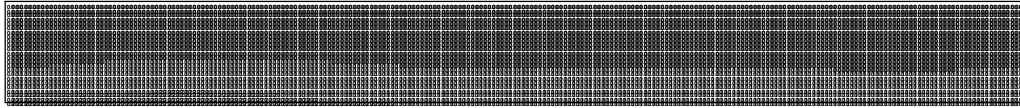
Observer direction = 0 deg. Height = 0.00

PSER 005



Illuminance (lux)

PSER 006

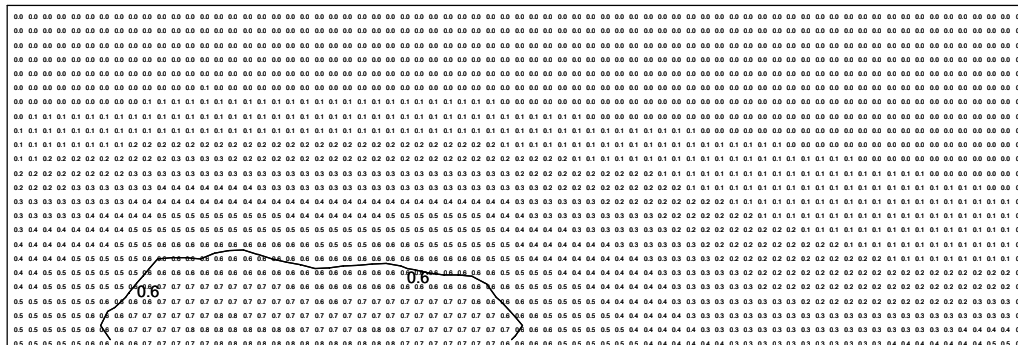


Results

Eav	0.05
Emin	0.01
Emax	0.22
Emin/Emax	0.02
Emin/Eav	0.10

Illuminance (lux)

PSER 007



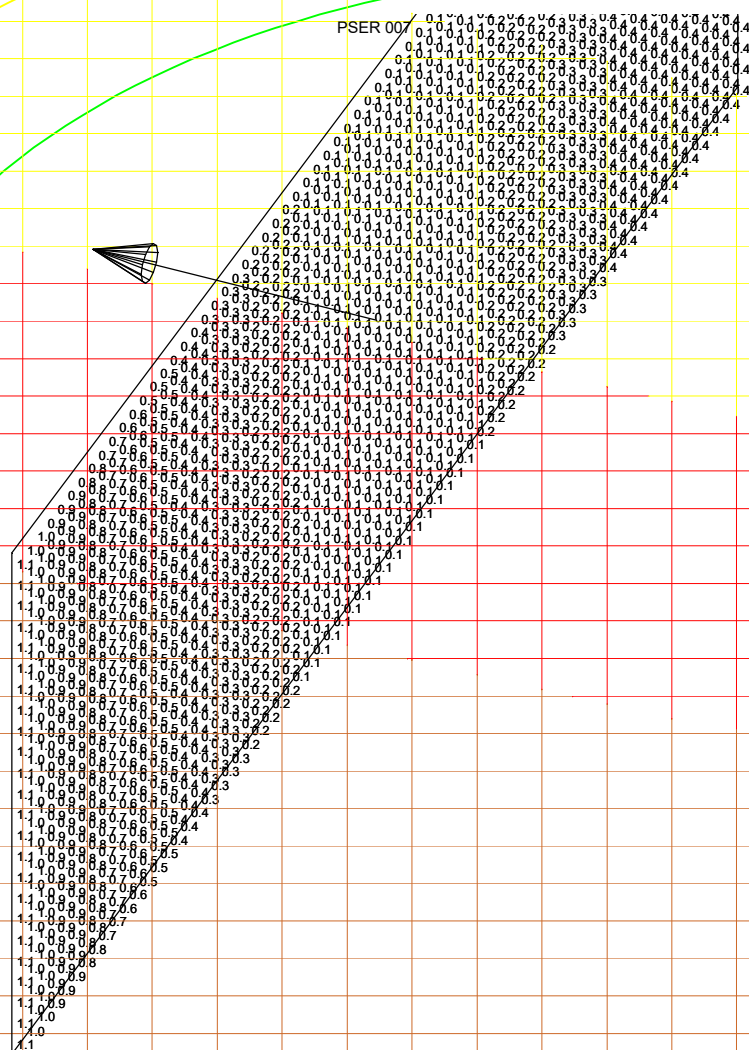
Results

Eav	0.23
Emin	0.00
E _{max}	0.81
Emin/E _{max}	0.00
Emin/Eav	0.02

Vertical Illuminance (lux)

~~Observer direction = 0 deg. Height = 0.00~~

PSER 007



Illuminance (lux)

PSER 008

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	100																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										</

Results

Eav	0.06
Emin	0.01
E _{max}	0.24
Emin/E _{max}	0.03
Emin/Eav	0.10

IB

DATE: 9 September 2025
PROJECT No: 4074

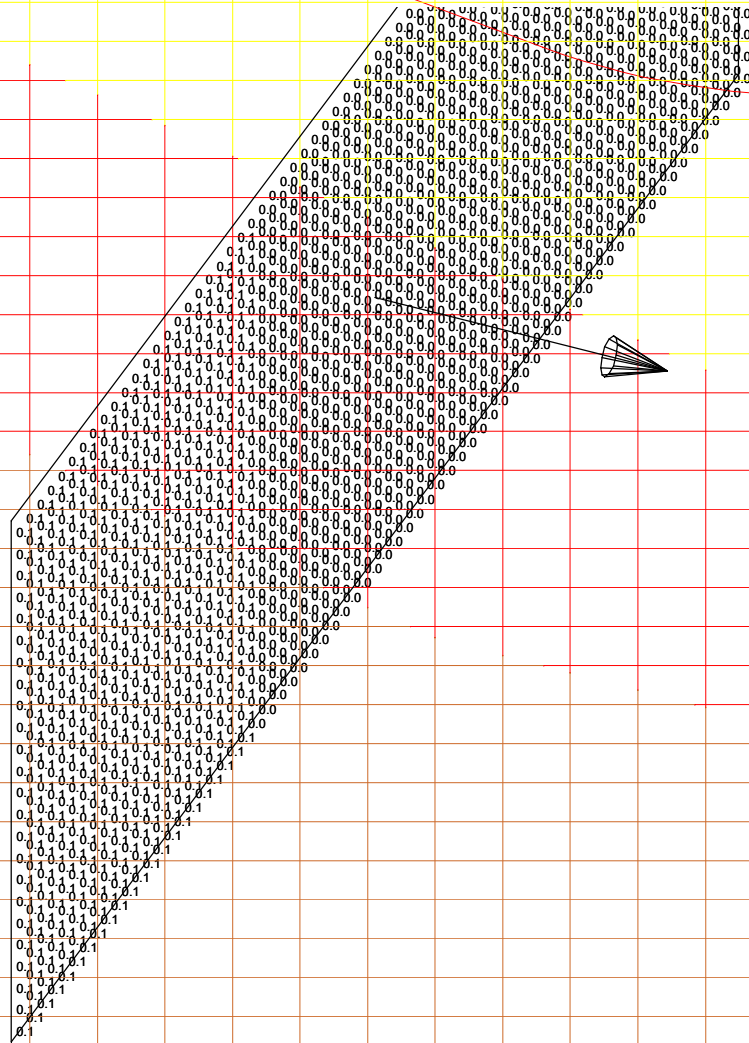
DESIGNER: DFL - UK
PROJECT NAME: FOLDERS GROVE PHASE 2



Vertical Illuminance (lux)

Observer direction = 0 deg. Height = 0.00

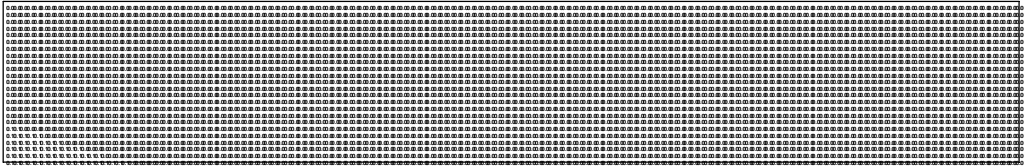
PSER 008



UDs

Illuminance (lux)

PSER 009



Results

Eav	0.01
Emin	0.00
Emax	0.08
Emin/Emax	0.04
Emin/Eav	0.28

DATE: 9 September 2025
PROJECT No: 4074

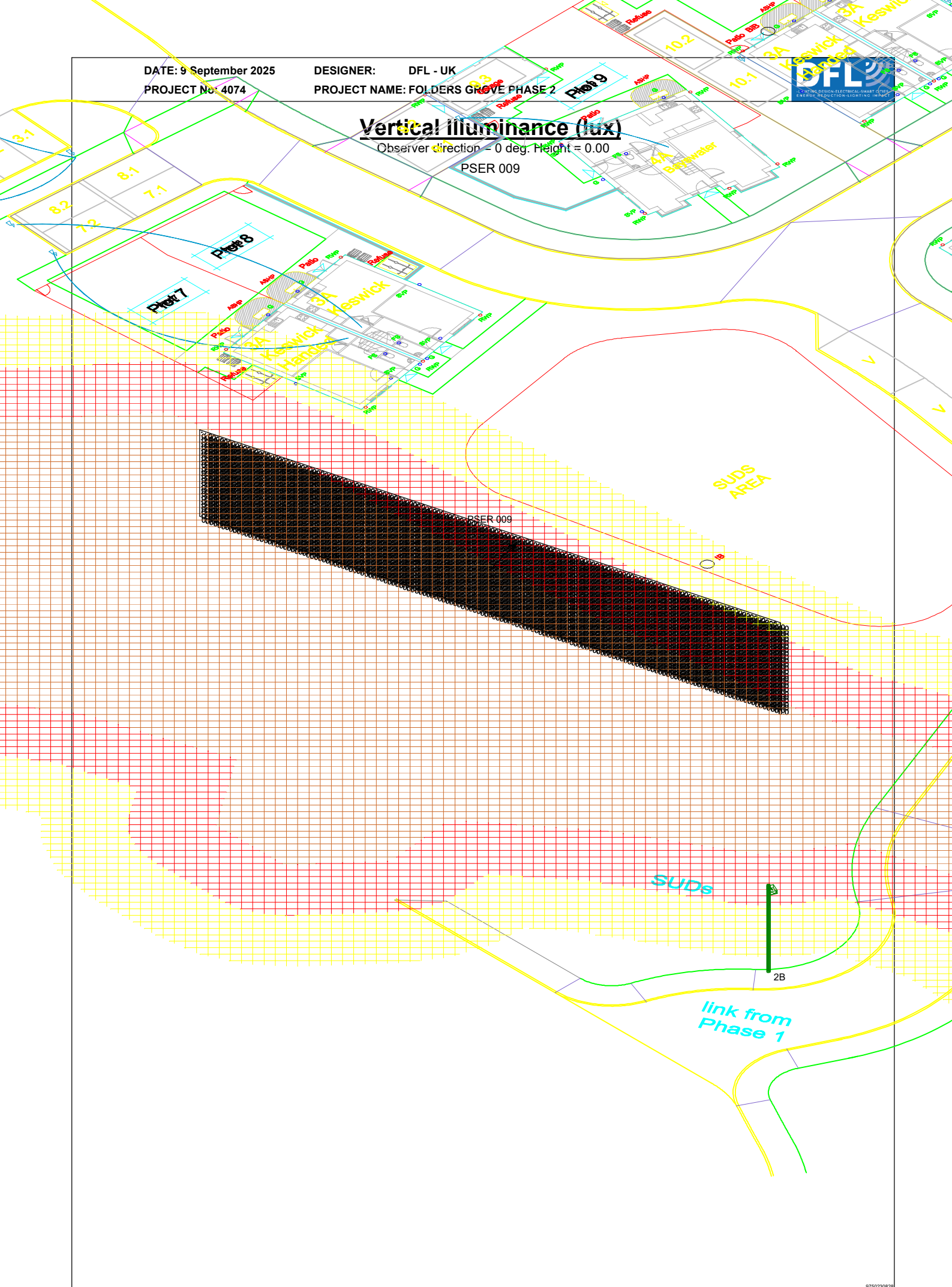
DESIGNER: DFL - UK
PROJECT NAME: FOLDERS GROVE PHASE 2



Vertical Illuminance (lux)

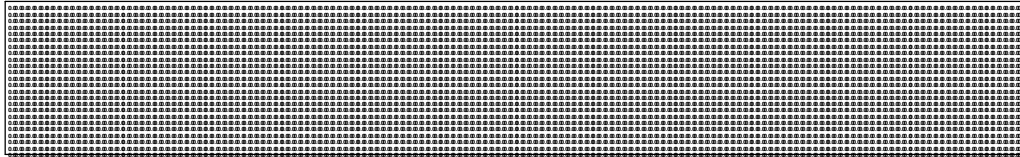
Observer direction = 0 deg. Height = 0.00

PSER 009



Illuminance (lux)

PSER 0010



Results

Eav	0.01
Emin	0.00
E _{max}	0.02
Emin/E _{max}	0.11
Emin/Eav	0.31

DATE: 9 September 2025
PROJECT No: 4074

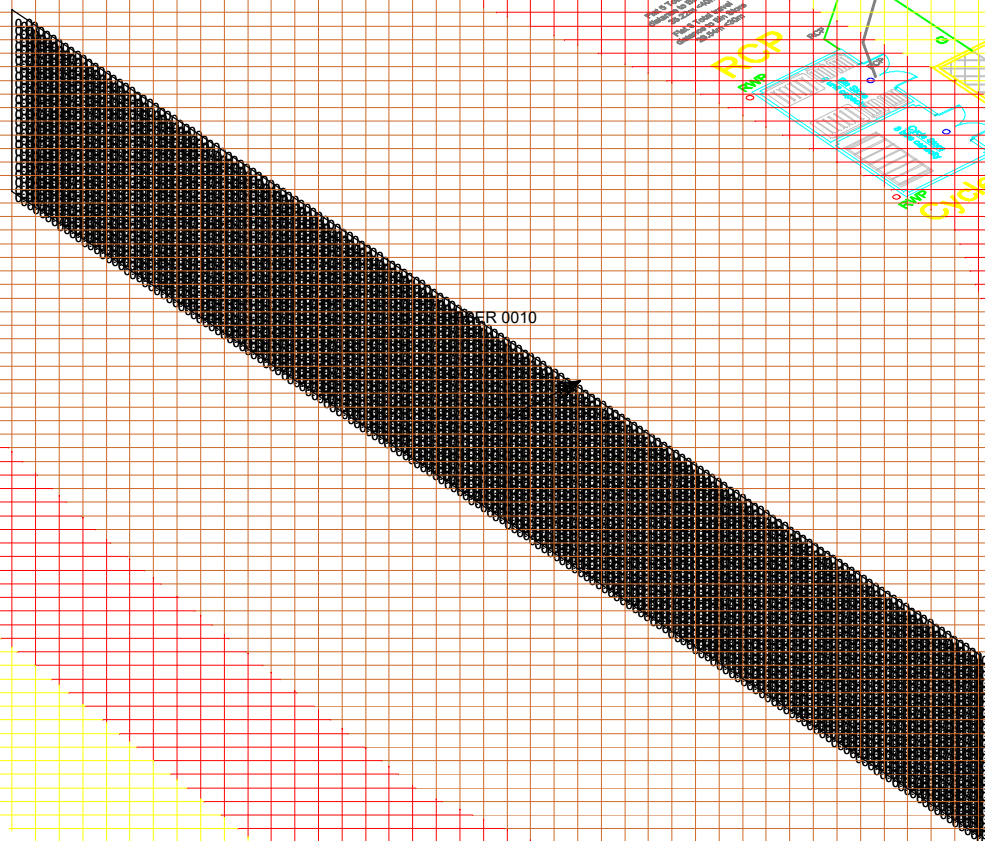
DESIGNER: DFL - UK
PROJECT NAME: FOLDERS GROVE PHASE 2



Vertical Illuminance (lux)

Observer direction = 0 deg, Height = 0.00

PSER 0010



PSER 0010

Illuminance (lux)

PHAR 001 - (Outside Plot 19)

0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.0
0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
0.8	0.8	0.8	0.9	0.8	0.7	0.6	0.6	0.5	0.4	0.4	0.4	0.3	0.3
1.3	1.4	1.5	1.5	1.6	1.5	1.2	1.1	1.0	1.0	0.8	0.7	0.6	0.5
2.0	2.1	2.2	2.3	2.3	2.1	1.8	1.6	1.5	1.4	1.2	1.0	0.9	0.8
2.6	2.7	2.8	2.8	2.8	2.7	2.3	2.2	2.0	1.9	1.6	1.4	1.2	1.0
3.0	3.1	3.2	3.2	3.2	3.0	2.6	2.5	2.4	2.2	1.9	1.6	1.5	1.3
3.3	3.4	3.5	3.6	3.6	3.4	3.0	2.7	2.6	2.4	2.1	1.8	1.7	1.5
3.7	4.0	4.0	3.9	3.8	3.5	3.3	2.9	2.7	2.6	2.2	2.0	1.8	1.6
4.0	3.9	3.9	3.7	3.5	3.3	3.0	2.7	2.5	2.3	2.0	1.9	1.7	1.6
3.7	3.4	3.7	3.4	3.3	3.1	2.8	2.5	2.4	2.2	1.9	1.7	1.6	1.4
2.8	3.0	2.9	3.0	2.9	2.8	2.6	2.3	2.1	2.1	1.8	1.5	1.4	1.3
2.4	2.4	2.6	2.6	2.6	2.6	2.4	2.1	2.1	2.0	1.7	1.5	1.4	1.2
2.0	2.2	2.0	2.2	2.3	2.2	2.2	1.9	1.7	1.9	1.6	1.3	1.2	1.2
1.9	1.8	2.0	1.9	1.9	1.9	1.9	1.6	1.6	1.6	1.4	1.2	1.1	1.0
1.4	1.6	1.6	1.6	1.7	1.7	1.6	1.4	1.5	1.6	1.2	1.1	1.0	1.0
1.2	1.4	1.3	1.4	1.4	1.4	1.5	1.5	1.3	1.4	1.2	1.0	1.0	0.9
1.1	1.3	1.2	1.2	1.3	1.3	1.2	1.2	1.2	1.2	1.0	0.9	0.8	0.8
1.0	1.1	1.1	1.1	1.2	1.2	1.1	1.0	1.1	1.1	0.9	0.8	0.8	0.7
0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.1	0.9	0.7	0.7	0.7
0.8	0.8	0.9	0.9	1.0	1.0	0.9	0.9	0.9	1.0	0.8	0.7	0.6	0.6
0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.6	0.6

Results

Eav	1.46
Emin	0.03
Emax	4.02
Emin/Emax	0.01
Emin/Eav	0.02

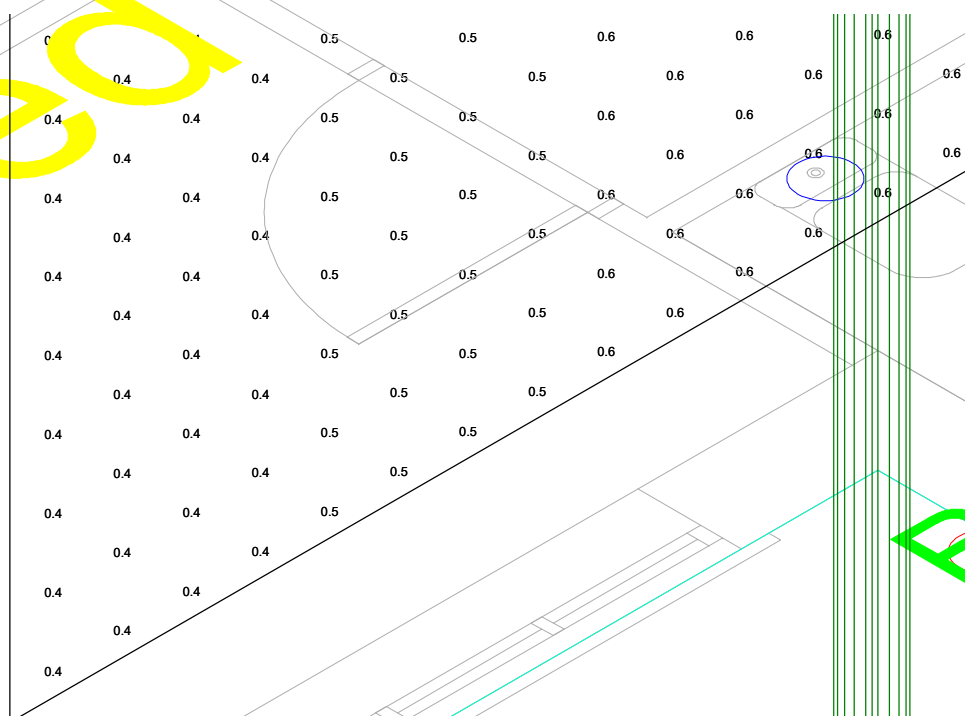
DESIGNER: DFL - UK

PROJECT NAME: FOLDERS GROVE PHASE 2



Observer direction = 0 deg. Height = 0.00

PHAR 001 - (Outside Plot 19)



SVA



Illuminance (lux)

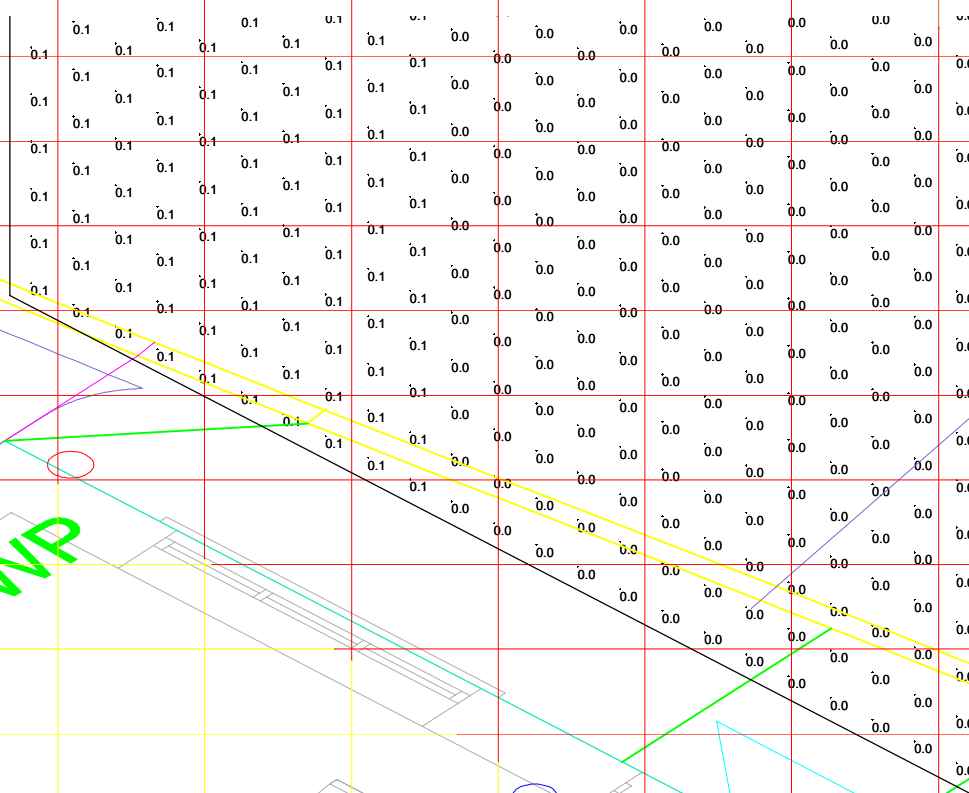
PHAR 002 - (Outside Plot 30)

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.8	0.9	1.2	1.3
0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.5	0.6	0.8	1.2	1.5	2.0	2.5	3.1	3.4	4.7	4.8
0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.5	0.7	0.8	1.1	1.4	1.9	2.4	2.9	3.7	4.7	6.0	6.5	8.2	8.4
0.1	0.2	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.9	1.1	1.3	1.7	2.1	2.7	3.4	4.2	5.1	6.3	7.6	8.5	10	10
0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	1.0	1.2	1.4	1.8	2.2	2.6	3.2	3.9	4.9	5.7	6.9	8.0	9.2	11	12
0.4	0.4	0.5	0.6	0.7	0.7	0.8	1.0	1.2	1.4	1.7	2.0	2.4	2.8	3.2	3.6	4.3	5.0	5.9	7.3	8.0	9.5	10
0.5	0.5	0.6	0.7	0.7	0.8	0.9	1.1	1.3	1.4	1.7	1.9	2.1	2.5	2.8	3.2	3.6	4.4	5.2	6.4	6.8	8.0	8.0
0.5	0.6	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.5	1.7	1.8	2.1	2.5	2.8	3.2	3.6	4.3	5.1	5.6	6.2	5.9
0.5	0.6	0.6	0.7	0.8	0.8	0.9	1.0	1.1	1.2	1.3	1.5	1.7	1.9	2.1	2.2	2.6	2.9	3.6	4.4	4.4	4.7	4.6
0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.9	0.9	1.1	1.2	1.3	1.4	1.6	1.8	1.9	2.1	2.3	2.9	3.5	3.4	3.6	3.5
0.5	0.5	0.5	0.6	0.6	0.7	0.7	0.8	0.9	0.9	1.0	1.1	1.2	1.3	1.5	1.5	1.7	1.8	2.3	2.9	2.7	2.9	2.8
0.5	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.8	0.8	0.9	1.0	1.0	1.2	1.2	1.3	1.4	1.5	1.9	2.1	2.2	2.5	2.1
0.5	0.5	0.6	0.6	0.7	0.6	0.7	0.7	0.8	0.8	0.8	0.9	0.9	1.0	1.0	1.2	1.3	1.4	1.6	1.7	1.9	1.9	1.8
0.5	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.5	1.5
0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.9	0.9	0.8	0.9	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.3	1.3	1.4	1.3	1.3
0.6	0.7	0.7	0.8	0.8	0.9	0.9	0.9	0.9	1.0	1.0	1.1	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3
0.7	0.8	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.1	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.3	1.3
0.8	0.8	0.8	0.9	0.9	0.9	1.0	1.1	1.1	1.1	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3
0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.1	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3
0.8	0.8	0.9	0.9	1.0	1.0	1.0	1.1	1.1	1.2	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.2
0.8	0.8	0.9	0.9	1.0	1.0	1.0	1.1	1.1	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2

Results

Eav	1.45
Emin	0.01
Emax	11.91
Emin/Emax	0.00
Emin/Eav	0.00

PHAR 002 - (Outside Plot 30)



RWAP

SVA

FS

FS



SLA

Illuminance (lux)

PHAR 003 - (Outside Plot 38)

0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0
0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1
0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.2
0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.4	0.4
0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.7	0.6	0.6	0.5
0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	0.8	0.8	0.7	0.7	0.7
1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.2	1.1	1.0	0.9	0.9	0.8	0.8
1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.2	1.1	1.0	1.0	1.0	0.9
1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.3	1.2	1.1	1.1	1.1	1.0
1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.4	1.3	1.2	1.1	1.1	1.0
1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.5	1.4	1.3	1.2	1.2	1.1
1.5	1.5	1.5	1.6	1.6	1.5	1.5	1.6	1.7	1.7	1.7	1.7	1.6	1.6	1.5	1.4	1.3	1.2	1.2	1.1
1.4	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.4	1.4	1.3	1.2	1.1
1.4	1.4	1.5	1.5	1.6	1.6	1.5	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.4	1.3	1.3	1.1	1.1	1.0
1.3	1.4	1.4	1.5	1.4	1.5	1.6	1.5	1.4	1.5	1.5	1.4	1.4	1.4	1.3	1.2	1.1	1.1	1.0	0.9
1.2	1.3	1.3	1.3	1.3	1.3	1.2	1.3	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.1	1.0	0.9	0.9
1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0	0.9	0.9
1.0	1.1	1.2	1.1	1.0	1.0	1.0	1.0	1.0	1.1	1.2	1.1	1.1	1.1	1.1	1.0	1.0	0.9	0.9	0.9
1.0	1.0	0.9	0.9	1.0	0.9	0.8	0.9	1.0	0.9	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.8	0.8
0.9	0.9	0.8	0.8	0.9	0.8	0.8	0.8	0.9	0.9	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.7
0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7

Results

Eav	0.86
Emin	0.02
Emax	1.73
Emin/Emax	0.01
Emin/Eav	0.02

DATE: 9 September 2025
PROJECT No: 4074

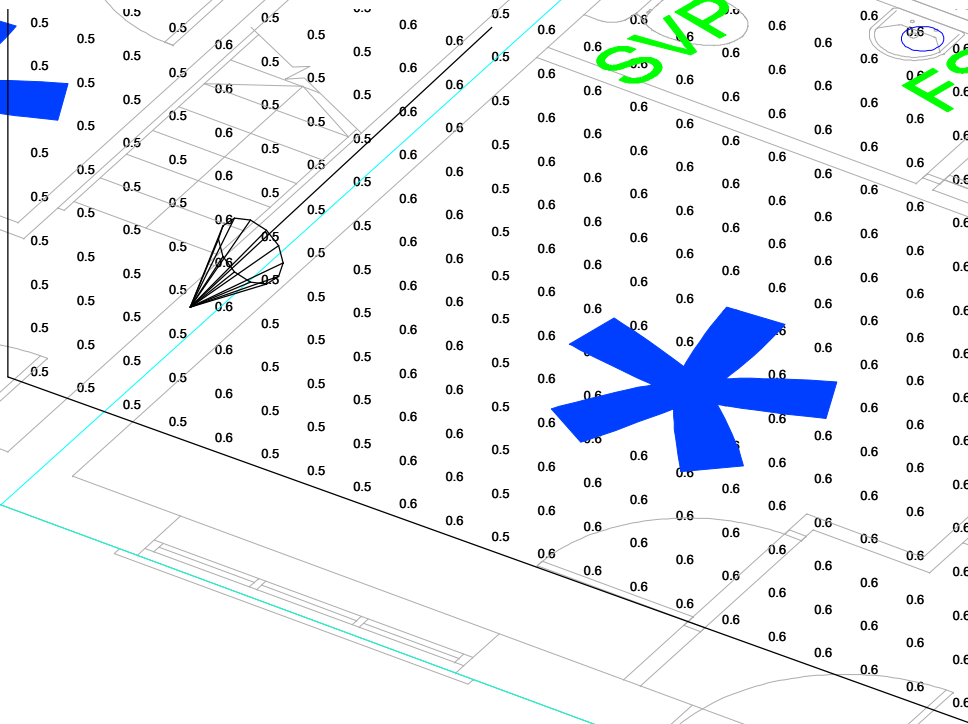
DESIGNER: DFL - UK
PROJECT NAME: FOLDERS GROVE PHASE 2



Vertical Illuminance (lux)

Observer direction = 0 deg. Height = 0.00

PHAR 003 - (Outside Plot 38)



Illuminance (lux)

PHAR 004 - (Outside Plot 12)

0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0
0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
1.0	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.2	0.2	0.1
2.0	1.6	1.4	1.2	1.0	0.8	0.7	0.5	0.4	0.3	0.3
3.0	2.4	2.0	1.7	1.5	1.2	1.0	0.9	0.7	0.6	0.5
3.6	2.9	2.6	2.2	1.9	1.6	1.3	1.1	1.0	0.8	0.7
3.9	3.4	2.9	2.5	2.2	1.8	1.6	1.4	1.2	1.0	0.9
3.6	3.2	2.9	2.5	2.3	2.0	1.7	1.5	1.3	1.1	1.0
3.3	2.8	2.6	2.3	2.0	1.8	1.7	1.5	1.4	1.2	1.1
3.1	2.6	2.2	2.0	1.8	1.7	1.5	1.4	1.2	1.1	1.0
2.8	2.2	2.0	1.8	1.7	1.5	1.4	1.2	1.1	1.0	0.9
2.3	1.9	1.7	1.6	1.5	1.4	1.3	1.2	1.0	0.9	0.9
2.2	1.6	1.5	1.4	1.2	1.2	1.1	1.0	0.9	0.9	0.8
1.7	1.5	1.2	1.2	1.1	1.1	1.0	0.9	0.8	0.8	0.7
1.5	1.2	1.2	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.6
1.4	1.0	0.9	0.9	0.9	0.8	0.8	0.7	0.7	0.7	0.6
1.1	0.9	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6
0.9	0.9	0.8	0.7	0.7	0.6	0.6	0.6	0.5	0.6	0.5
0.9	0.8	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.5
0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.5	0.5	0.5
0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.5	0.5
0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.5

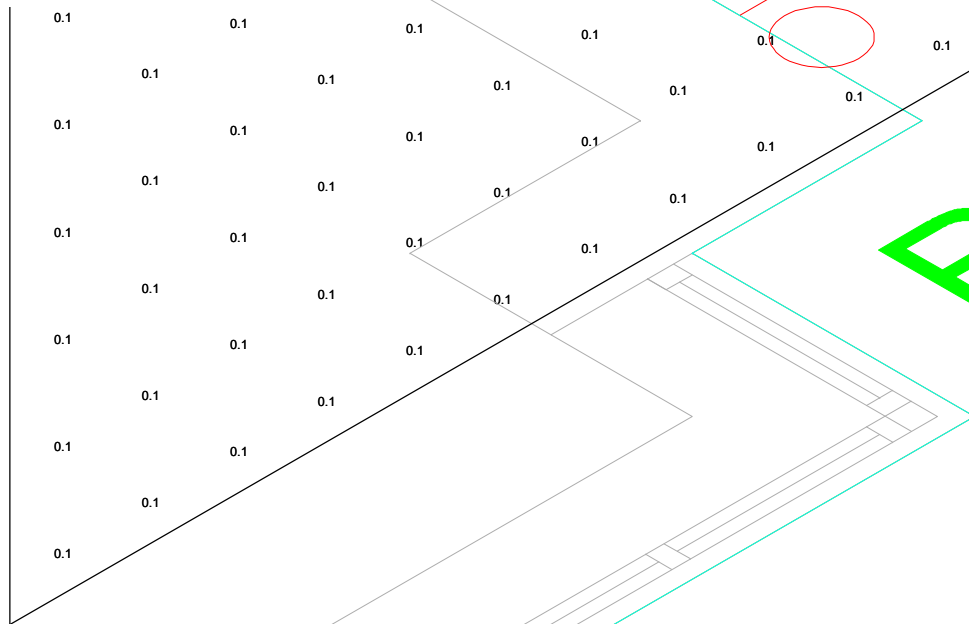
Results

Eav	1.00
Emin	0.02
Emax	3.92
Emin/Emax	0.00
Emin/Eav	0.02

Vertical Illuminance (lux)

Observer direction = 0 deg. Height = 0.00

PHAR 004 - (Outside Plot 12)



RWD

VP