

DATE: 16 October 2025
DESIGNER: DFL-UK
PROJECT No: 4182
PROJECT NAME: Cooper Estates



Location: Cooper Estates
Environmental Zone: E3
GN01: 2.0lx Maximum
GN08: 0.4 Lux Maximum
Lighting parameters taken from ILP Guidance documents
GN01.2021 - The reduction of Obtrusive Light & The reduction of
Obtrusive Light and GN08.2023 - Bats and Artificial Lighting at Night.

4182-DFL-ELG-XX-CA-EO-13002-S3-P02

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Illuminance (lux)

Grid 1 - PSER 001

[illegible]

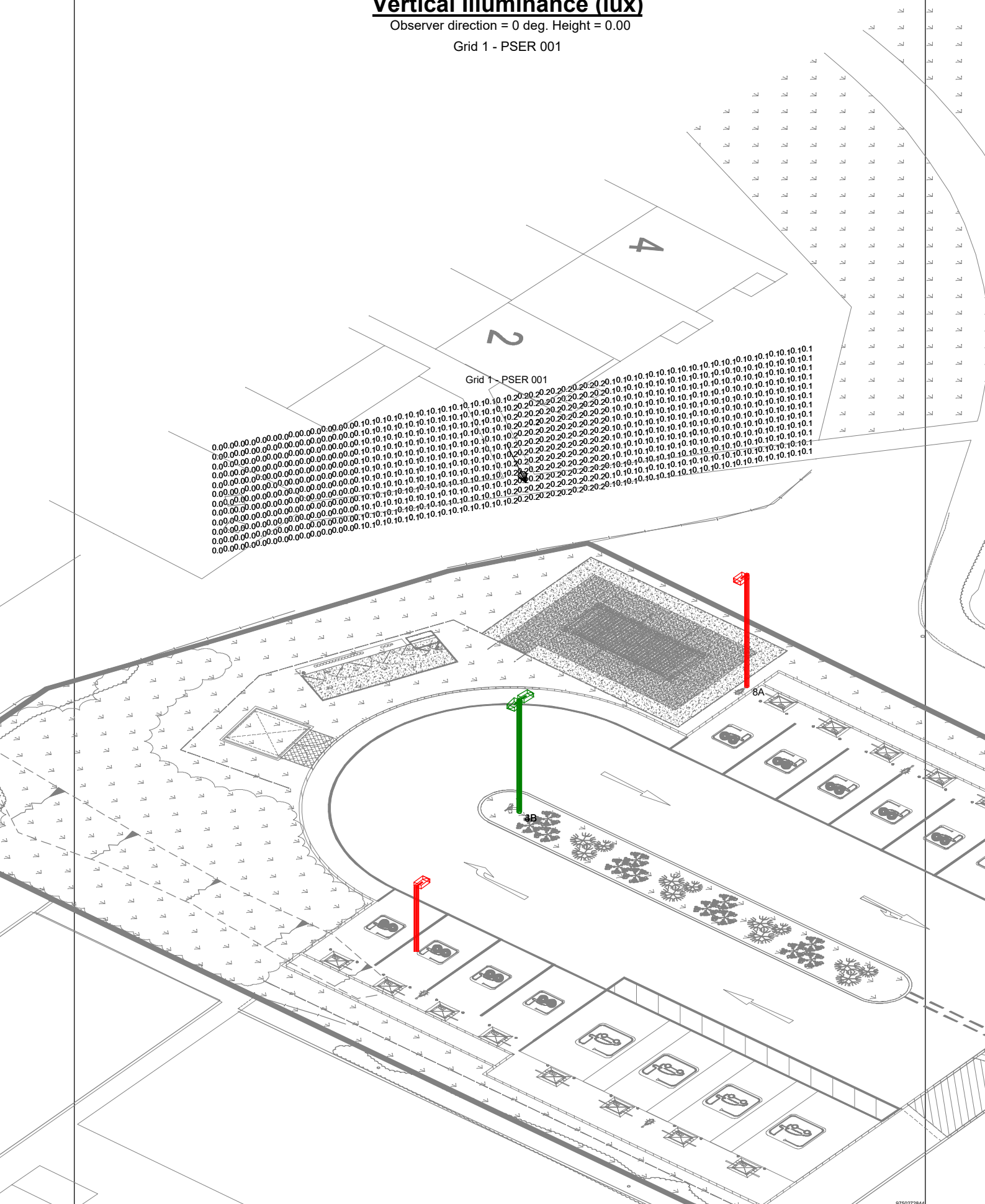
Results

Eav	0.02
Emin	0.00
Emax	0.10
Emin/Emax	0.00
Emin/Eav	0.00

Vertical Illuminance (lux)

Observer direction = 0 deg. Height = 0.00

Grid 1 - PSER 001



Illuminance (lux)

Grid 2 - PSER 002

[illegible]

Results

Eav	0.02
Emin	0.00
E _{max}	0.09
Emin/E _{max}	0.00
Emin/Eav	0.00

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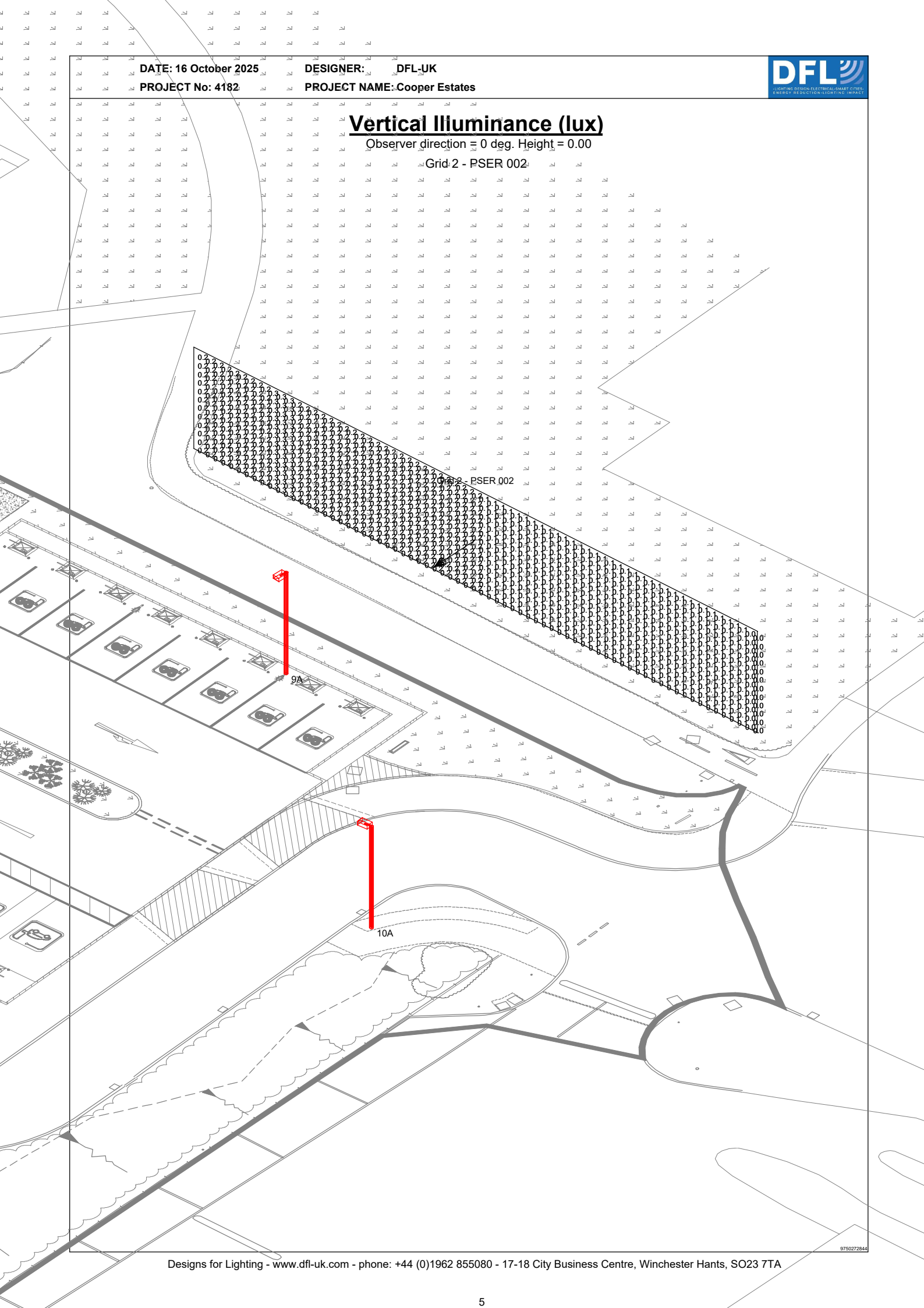
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Vertical Illuminance (lux)

Observer direction = 0 deg. Height = 0.00

Grid 2 - PSER 002



Illuminance (lux)

Grid 3 - PSER 003

[illegible]

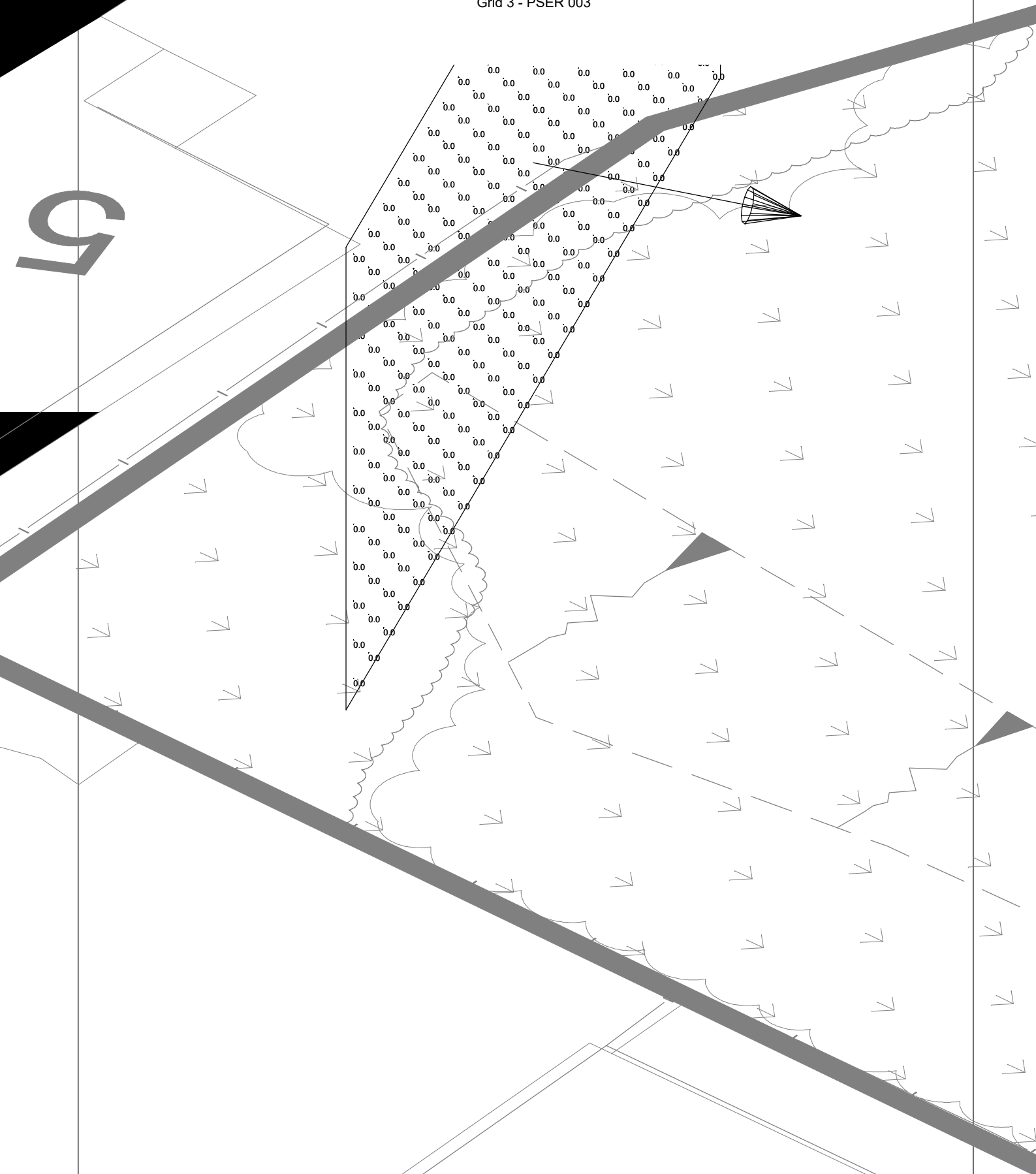
Results

Eav	0.02
Emin	0.00
E _{max}	0.06
Emin/E _{max}	0.00
Emin/Eav	0.00

Vertical Illuminance (lux)

Observer direction = 0 deg. Height = 0.00

Grid 3 - PSER 003



Illuminance (lux)

Grid 4 - PHAR 001

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	0.0	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	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	0.0	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	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	0.0
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	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	0.0	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	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	0.0	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	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	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.1	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	0.1
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	0.1	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

Results

Eav	0.04
Emin	0.00
Emax	0.18
Emin/Emax	0.00
Emin/Eav	0.00

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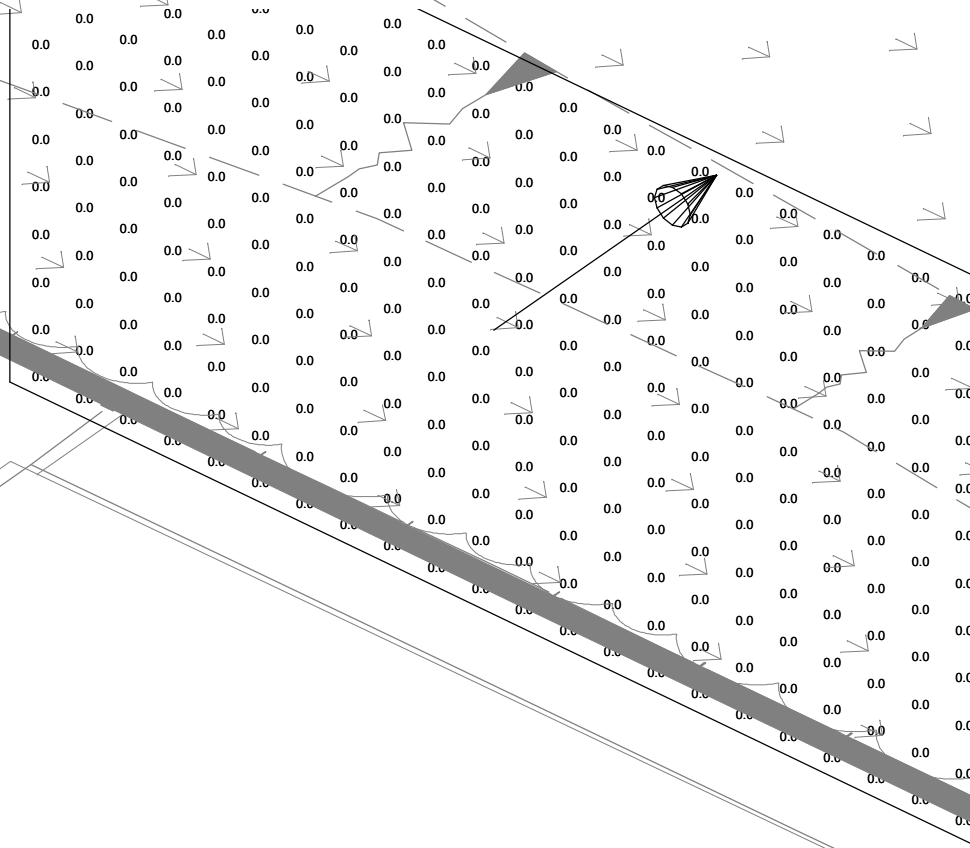
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Vertical Illuminance (lux)

Observer direction = 0 deg. Height = 0.00

Grid 4 - PHAR 001



Illuminance (lux)

Grid 5 - PHAR 002

[illegible]

Results

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

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Vertical Illuminance (lux)

Observer direction = 0 deg. Height = 0.00

Grid 5 - PHAR 002

