



Campus West MSCP

Installation : As Built - Vertical Spill lighting calcs

Project number :

Customer :

Processed by :

Date : 13.10.2022

Project description:

Lighting Design Service:

The Wirefield lighting design service is free of charge. Lighting designs are undertaken in accordance with any information supplied to us.

Wirefield will not be held responsible for inaccurate, incomplete or out of date information which the design is based on.

It remains the responsibility of the client to check the design meets the requirements of the project and any applicable standards.

Where an emergency scheme has been requested, it will be designed in accordance with BS EN 1838:2013 'Lighting applications. Emergency lighting'.

However, this will be dependent on the presentation of a risk assessment by the relevant party, in addition to locations of 'points of emphasis'

such as firefighting equipment and alarm call points. As a result, the design is limited until this information is provided.

In addition to the above, any assumptions will be outlined in any correspondence with the customer; if any assumptions are incorrect the lighting designer will need to be notified.

The following values are based on precise calculations performed on calibrated lamps and luminaires, and their configurations, whereby gradual, unavoidable deviations can occur in practice. All guarantee claims are excluded for the specified data.

This exclusion of liability applies irrespective of the legal grounds for both damages and consequential damages suffered by users and third parties.

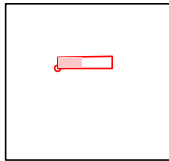
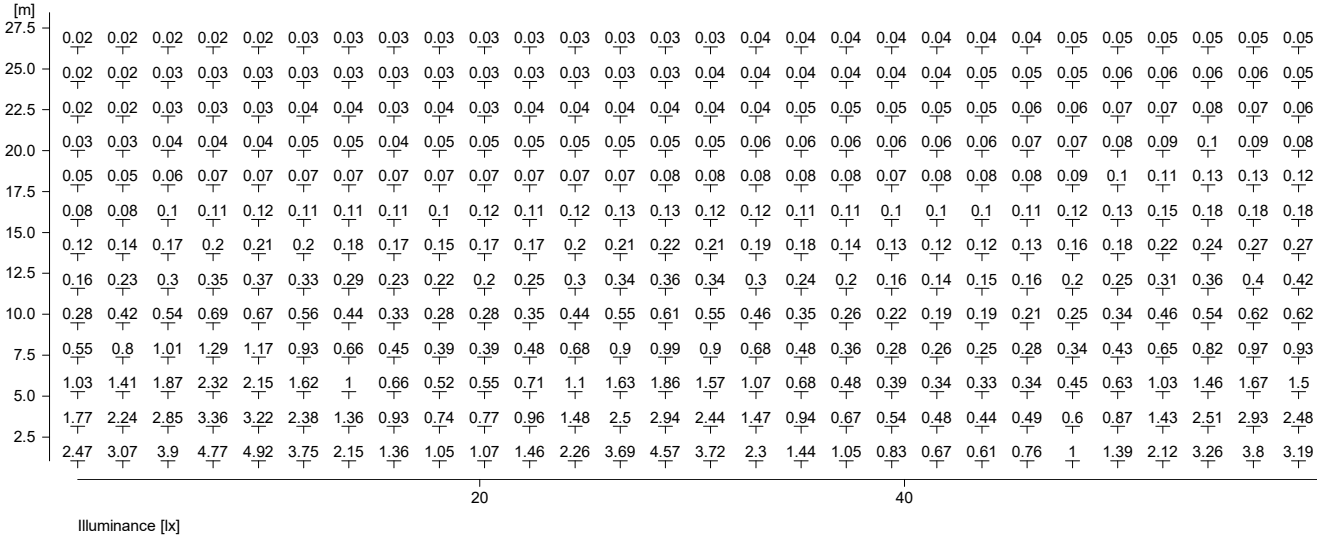
Object : Campus West MSCP
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1 Exterior 1

1.1 Calculation results, Exterior 1

1.1.1 Table, Spill lighting north (E)



Part1

| | | |
|------------------------|-----------|---------------------|
| Height reference plane | : | 0.00 m |
| Average illuminance | Em | : 0.43 lx |
| Minimum illuminance | Emin | : 0.01 lx |
| Maximum illuminance | Emax | : 6.18 lx |
| Uniformity Uo | Emin/Em | : 1 : 59.48 (0.02) |
| Diversity Ud | Emin/Emax | : 1 : 849.69 (0.00) |

Object : Campus West MSCP
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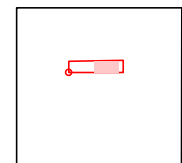
1 Exterior 1

1.1 Calculation results, Exterior 1

1.1.1 Table, Spill lighting north (E)



| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|---------------|------|------|------|------|------|------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) |
| 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.03 | 0.03 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | |
| 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.03 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | |
| 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.04 | 0.04 | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 0.08 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.06 | 0.06 | 0.05 | 0.04 | 0.04 | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 0.11 | 0.1 | 0.1 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.1 | 0.1 | 0.1 | 0.09 | 0.08 | 0.07 | 0.06 | 0.05 | 0.05 | 0.04 | 0.04 | 0.04 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| 0.16 | 0.15 | 0.14 | 0.12 | 0.11 | 0.12 | 0.12 | 0.13 | 0.15 | 0.15 | 0.16 | 0.14 | 0.13 | 0.11 | 0.09 | 0.08 | 0.07 | 0.06 | 0.05 | 0.05 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 |
| 0.26 | 0.23 | 0.19 | 0.17 | 0.15 | 0.16 | 0.17 | 0.19 | 0.23 | 0.26 | 0.26 | 0.24 | 0.21 | 0.18 | 0.14 | 0.12 | 0.09 | 0.08 | 0.07 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 |
| 0.4 | 0.34 | 0.27 | 0.22 | 0.2 | 0.21 | 0.22 | 0.26 | 0.34 | 0.45 | 0.46 | 0.45 | 0.37 | 0.32 | 0.22 | 0.19 | 0.15 | 0.11 | 0.09 | 0.09 | 0.09 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.07 | 0.07 | 0.07 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 |
| 0.59 | 0.48 | 0.4 | 0.33 | 0.28 | 0.27 | 0.29 | 0.36 | 0.5 | 0.79 | 0.91 | 0.95 | 0.77 | 0.63 | 0.44 | 0.38 | 0.25 | 0.15 | 0.12 | 0.13 | 0.14 | 0.13 | 0.13 | 0.11 | 0.11 | 0.11 | 0.11 | 0.1 | 0.11 | 0.09 | 0.09 | 0.09 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.07 |
| 0.82 | 0.68 | 0.58 | 0.49 | 0.41 | 0.37 | 0.41 | 0.5 | 0.74 | 1.16 | 1.68 | 1.82 | 1.67 | 1.23 | 0.9 | 0.75 | 0.44 | 0.21 | 0.16 | 0.18 | 0.2 | 0.21 | 0.19 | 0.17 | 0.16 | 0.16 | 0.16 | 0.15 | 0.12 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 |
| 1.16 | 0.93 | 0.8 | 0.72 | 0.61 | 0.56 | 0.58 | 0.68 | 1.03 | 1.83 | 2.77 | 3.23 | 2.96 | 2.2 | 1.65 | 1.25 | 0.67 | 0.28 | 0.23 | 0.26 | 0.3 | 0.32 | 0.29 | 0.27 | 0.26 | 0.25 | 0.26 | 0.22 | 0.16 | 0.16 | 0.16 | 0.16 | 0.16 | 0.16 | 0.16 | 0.16 | 0.16 | 0.16 |
| 1.6 | 1.26 | 1.14 | 0.99 | 0.95 | 0.84 | 0.86 | 1 | 1.38 | 2.46 | 3.85 | 4.58 | 4.01 | 3.25 | 2.53 | 1.71 | 0.8 | 0.36 | 0.31 | 0.34 | 0.44 | 0.51 | 0.49 | 0.45 | 0.42 | 0.41 | 0.43 | 0.35 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 |
| 2.28 | 1.91 | 1.73 | 1.47 | 1.36 | 1.26 | 1.34 | 1.58 | 2.13 | 3.35 | 5.06 | [6.18] | 5.73 | 4.74 | 3.55 | 2.05 | 0.8 | 0.5 | 0.48 | 0.57 | 0.73 | 0.91 | 0.9 | 0.78 | 0.73 | 0.73 | 0.75 | 0.55 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 |
| 60 | | | | | | | | | 80 | | | | | | | | | | 100 | | | | | | | | | | | | | | | | | | 120 |



Part2

Object : Campus West MSCP
 Installation : As Built - Vertical Spill lighting calcs
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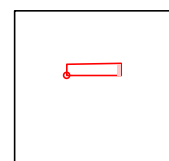
1 Exterior 1

1.1 Calculation results, Exterior 1

1.1.1 Table, Spill lighting north (E)

| | | | | |
|------|------|------|------|------|
| 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 0.02 | 0.01 | 0.01 | 0.01 | 0.01 |
| 0.02 | 0.02 | 0.02 | 0.01 | 0.01 |
| 0.02 | 0.02 | 0.02 | 0.02 | 0.01 |
| 0.03 | 0.03 | 0.02 | 0.02 | 0.01 |
| 0.04 | 0.03 | 0.03 | 0.02 | 0.02 |
| 0.05 | 0.04 | 0.03 | 0.02 | 0.02 |
| 0.07 | 0.04 | 0.03 | 0.02 | 0.02 |
| 0.08 | 0.05 | 0.04 | 0.03 | 0.02 |
| 0.1 | 0.06 | 0.04 | 0.03 | 0.03 |
| 0.12 | 0.08 | 0.06 | 0.04 | 0.05 |
| 0.16 | 0.11 | 0.08 | 0.13 | 0.15 |

]



Part3

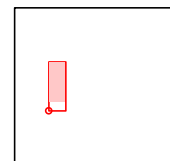
Object : Campus West MSCP
 Installation : As Built - Vertical Spill lighting calcs
 Project number :
 Date : 13.10.2022



1.1 Calculation results, Exterior 1

1.1.2 Table, Spill lighting west (E)

| | | | | | | | | | | | | | | | | | |
|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | (0) | (0) | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 |
| | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 |
| | (0) | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 | 0.03 |
| 110 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 | 0.04 | 0.05 | 0.07 | 0.12 |
| | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.03 | 0.03 | 0.04 | 0.05 | 0.07 | 0.13 | 0.24 | |
| 100 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.03 | 0.04 | 0.05 | 0.07 | 0.1 | 0.21 | 0.51 | | |
| | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.03 | 0.04 | 0.06 | 0.08 | 0.12 | 0.16 | 0.27 | 0.85 | | |
| | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.03 | 0.03 | 0.04 | 0.06 | 0.08 | 0.14 | 0.29 | 0.64 | 0.86 | 1.2 | | |
| 90 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.03 | 0.05 | 0.06 | 0.07 | 0.11 | 0.21 | 0.56 | 1.22 | 1.9 | 2.97 | | |
| | 0.01 | 0.01 | 0.01 | 0.02 | 0.03 | 0.04 | 0.05 | 0.08 | 0.1 | 0.16 | 0.38 | 0.87 | 1.77 | 2.74 | 4.59 | | |
| | 0.01 | 0.01 | 0.01 | 0.02 | 0.03 | 0.05 | 0.07 | 0.1 | 0.14 | 0.24 | 0.56 | 1.28 | 2.03 | 2.89 | 4.89 | | |
| 80 | 0.01 | 0.01 | 0.02 | 0.02 | 0.04 | 0.05 | 0.08 | 0.11 | 0.19 | 0.42 | 0.8 | 1.47 | 2.11 | 2.78 | 5.09 | | |
| | 0.01 | 0.01 | 0.01 | 0.02 | 0.04 | 0.05 | 0.08 | 0.14 | 0.23 | 0.48 | 0.91 | 1.48 | 2.13 | 3.08 | 5.95 | | |
| | (0) | 0.01 | 0.01 | 0.02 | 0.03 | 0.05 | 0.09 | 0.15 | 0.29 | 0.52 | 0.85 | 1.34 | 2.23 | 3.39 | 7.48 | | |
| 70 | (0) | | | | 0.03 | 0.08 | 0.16 | 0.25 | 0.42 | 0.71 | 1.17 | 2.01 | 3.15 | 6.63 | | | |
| | (0) | | | | | | 0.17 | 0.23 | 0.31 | 0.47 | 0.84 | 1.42 | 2.49 | 5.09 | | | |
| | (0) | | | | | | 0.22 | 0.25 | 0.29 | 0.4 | 0.5 | 0.83 | 1.59 | 4 | | | |
| 60 | (0) | | | | | 0.11 | 0.21 | 0.21 | 0.26 | 0.46 | 0.69 | 1.1 | 1.69 | 3.34 | | | |
| | (0) | | | | | 0.12 | 0.24 | 0.2 | 0.28 | 0.49 | 0.73 | 0.83 | 1.93 | 3.04 | | | |
| | (0) | | | | | 0.14 | 0.2 | 0.23 | 0.3 | 0.35 | 0.45 | 0.59 | 0.74 | 2.65 | | | |
| | | | | | | 0.16 | 0.22 | 0.26 | 0.32 | 0.38 | 0.37 | 0.5 | 1.04 | 2.51 | | | |
| 50 | | | | | | 0.2 | 0.24 | 0.27 | 0.26 | 0.28 | 0.46 | 0.6 | 1.15 | 2.66 | | | |
| | | | | | | 0.2 | 0.22 | 0.24 | 0.29 | 0.4 | 0.54 | 0.78 | 1.33 | 3.12 | | | |
| | | | | | 0.11 | 0.2 | 0.24 | 0.27 | 0.36 | 0.51 | 0.68 | 1.13 | 2 | 4.05 | | | |
| 40 | | | | | 0.13 | 0.2 | 0.23 | 0.29 | 0.44 | 0.69 | 1.02 | 1.72 | 2.91 | 6.5 | | | |
| | | | | | 0.17 | 0.23 | 0.27 | 0.35 | 0.52 | 0.77 | 1.14 | 2.08 | 3.21 | 8.06 | | | |
| | | | | | 0.18 | 0.23 | 0.27 | 0.34 | 0.51 | 0.75 | 0.91 | 1.8 | 3.15 | 6.56 | | | |
| | | | | | 0.18 | 0.22 | 0.27 | 0.3 | 0.41 | 0.6 | 0.77 | 1.19 | 2.09 | 4.48 | | | |
| 30 | | | | | 0.19 | 0.21 | 0.26 | 0.27 | 0.31 | 0.45 | 0.51 | 0.91 | 1.38 | 3.24 | | | |
| | | | 0.09 | 0.18 | 0.21 | 0.25 | 0.3 | 0.33 | 0.47 | 0.48 | 0.81 | 1.61 | 3.48 | | | | |
| | | | 0.1 | 0.16 | 0.18 | 0.24 | 0.28 | 0.32 | 0.43 | 0.48 | 0.75 | 1.38 | 3.41 | | | | |
| | | | 0.11 | 0.16 | 0.17 | 0.21 | 0.24 | 0.31 | 0.4 | 0.55 | 0.87 | 1.47 | 3.6 | | | | |
| | | | 0.13 | 0.14 | 0.16 | 0.21 | 0.25 | 0.33 | 0.49 | 0.63 | 0.97 | 1.79 | 3.95 | | | | |
| -- | 0.01 | 0.01 | 0.01 | | 0.1 | 0.13 | 0.15 | 0.21 | 0.27 | 0.36 | 0.55 | 0.72 | 1.21 | 2.29 | 3.85 | | |



Part1

Height reference plane : 0.00 m
 Average illuminance Em : 0.69 lx
 Minimum illuminance Emin : 0 lx
 Maximum illuminance Emax : 8.81 lx
 Uniformity Uo : ---
 Diversity Ud : ---

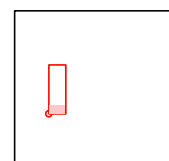
Object : Campus West MSCP
 Installation : As Built - Vertical Spill lighting calcs
 Project number :
 Date : 13.10.2022



1.1 Calculation results, Exterior 1

1.1.2 Table, Spill lighting west (E)

| | | | | | | | | | | | | | | | |
|----|------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------|
| | 0,01 | 0,02 | 0,03 | 0,04 | 0,07 | 0,1 | 0,14 | 0,19 | 0,27 | 0,37 | 0,56 | 0,95 | 1,79 | 2,86 | 6,28 |
| 20 | 0,01 | 0,02 | 0,02 | 0,02 | 0,02 | | | 0,16 | 0,25 | 0,43 | 0,7 | 0,98 | 1,8 | 4,52 | 8 |
| | 0,01 | 0,01 | 0,01 | (0) | (0) | | | | | | | 1,07 | 2,14 | 4,1 | [8.81] |
| | 0,01 | (0) | (0) | (0) | (0) | | | | | | | 1,22 | 1,7 | 2,52 | 4,34 |
| 10 | (0) | (0) | (0) | 0,01 | (0) | (0) | | | | | 0,96 | 1,65 | 1,99 | 2,51 | 3,63 |
| | (0) | (0) | (0) | (0) | 0,01 | 0,01 | 0,01 | 0,02 | 0,02 | 0,1 | 0,91 | 1,7 | 2,42 | 3,47 | 5,59 |
| | (0) | (0) | (0) | 0,01 | 0,01 | 0,01 | 0,02 | 0,03 | 0,08 | 0,28 | 0,73 | 1,49 | 2,3 | 3,43 | 5,56 |
| | (0) | (0) | (0) | 0,01 | 0,01 | 0,01 | 0,03 | 0,05 | 0,11 | 0,23 | 0,55 | 1,05 | 1,69 | 2,36 | 3,81 |
| | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | | | | | | | |
| | Illuminance [lx] | | | | | | | | | | | | | | |
| | [m] | | | | | | | | | | | | | | |



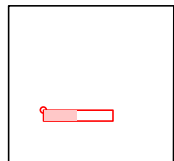
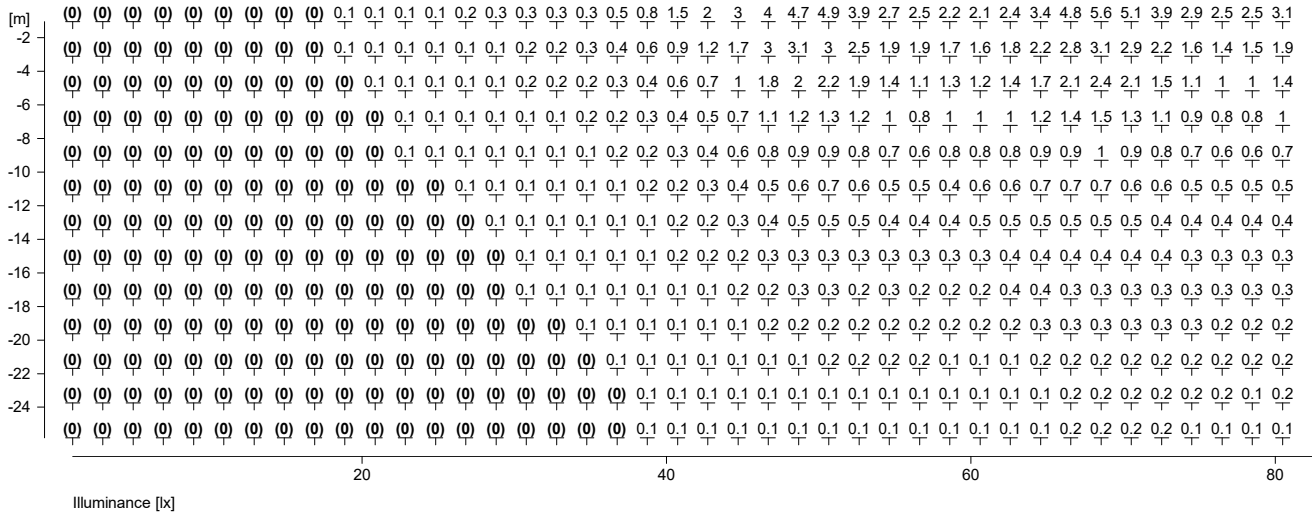
Part2

Object : Campus West MSCP
 Installation : As Built - Vertical Spill lighting calcs
 Project number :
 Date : 13.10.2022



1.1 Calculation results, Exterior 1

1.1.3 Table, Spill lighting south (E)



Part1

| | | |
|------------------------|-----------|----------------------|
| Height reference plane | : | 0.00 m |
| Average illuminance | Em | : 0.4 lx |
| Minimum illuminance | Emin | : 0 lx |
| Maximum illuminance | Emax | : 11 lx |
| Uniformity Uo | Emin/Em | : 1 : 93.46 (0.01) |
| Diversity Ud | Emin/Emax | : 1 : 2411.38 (0.00) |

Object : Campus West MSCP
 Installation : As Built - Vertical Spill lighting calcs
 Project number :
 Date : 13.10.2022

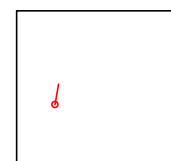


1.1 Calculation results, Exterior 1

1.1.4 Table, Building facade 1 (E)

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|------|------|
| 8 | 0.83 | 0.85 | 0.82 | 0.88 | 0.87 | 0.91 | 0.89 | 0.93 | 0.87 | 0.93 | 0.93 | 0.87 | 0.88 | 0.91 | 0.94 | 0.92 | 0.96 | 0.98 | 1.04 | 1.09 | 1.09 | 1.12 | 1.09 | 1.14 | [1.17] | 1.13 | 1.06 | 1.09 |
| 7 | 0.81 | 0.84 | 0.81 | 0.87 | 0.85 | 0.89 | 0.83 | 0.91 | 0.85 | 0.91 | 0.9 | 0.86 | 0.87 | 0.91 | 0.93 | 0.9 | 0.94 | 0.96 | 1.04 | 1.1 | 1.09 | 1.11 | 1.13 | 1.14 | [1.17] | 1.14 | 1.1 | 1.12 |
| 6 | 0.8 | 0.83 | 0.81 | 0.87 | 0.87 | 0.9 | 0.83 | 0.91 | 0.86 | 0.91 | 0.9 | 0.86 | 0.87 | 0.89 | 0.91 | 0.89 | 0.94 | 0.97 | 1.03 | 1.09 | 1.08 | 1.09 | 1.11 | 1.12 | 1.14 | 1.12 | 1.08 | 1.1 |
| 5 | 0.76 | 0.81 | 0.79 | 0.84 | 0.83 | 0.85 | 0.79 | 0.9 | 0.81 | 0.83 | 0.83 | 0.82 | 0.84 | 0.88 | 0.9 | 0.84 | 0.92 | 0.95 | 1.01 | 1.07 | 0.98 | 0.93 | 1.06 | 1.09 | 1.12 | 1.09 | 1.01 | 1.01 |
| 4 | 0.69 | 0.75 | 0.75 | 0.8 | 0.81 | 0.83 | 0.75 | 0.87 | 0.82 | 0.82 | 0.81 | 0.82 | 0.77 | 0.87 | 0.85 | 0.78 | 0.87 | 0.93 | 1 | 1.05 | 0.97 | 0.93 | 1.06 | 1.09 | 1.11 | 1.06 | 0.9 | 0.97 |
| 3 | 0.62 | 0.64 | 0.66 | 0.68 | 0.67 | 0.72 | 0.63 | 0.73 | 0.73 | 0.76 | 0.74 | 0.71 | 0.64 | 0.76 | 0.76 | 0.73 | 0.76 | 0.8 | 0.83 | 0.92 | 0.9 | 0.88 | 0.92 | 0.93 | 0.92 | 0.89 | 0.8 | 0.77 |
| 2 | 0.53 | 0.54 | 0.55 | 0.59 | 0.58 | 0.61 | 0.55 | 0.61 | 0.6 | 0.63 | 0.66 | 0.66 | 0.57 | 0.67 | 0.67 | 0.65 | 0.66 | 0.69 | 0.7 | 0.78 | 0.77 | 0.79 | 0.8 | 0.8 | 0.79 | 0.75 | 0.7 | 0.64 |
| 1 | 0.57 | 0.56 | 0.61 | 0.66 | 0.63 | 0.67 | 0.61 | 0.67 | 0.67 | 0.68 | 0.65 | 0.67 | 0.63 | 0.67 | 0.69 | 0.67 | 0.69 | 0.7 | 0.72 | 0.78 | 0.77 | 0.77 | 0.79 | 0.79 | 0.79 | 0.76 | 0.76 | 0.69 |
| | 0.53 | 0.53 | 0.57 | 0.63 | 0.6 | 0.63 | 0.59 | 0.63 | 0.63 | 0.64 | 0.62 | 0.66 | 0.64 | 0.65 | 0.68 | 0.66 | 0.68 | 0.71 | 0.71 | 0.8 | 0.79 | 0.79 | 0.81 | 0.79 | 0.8 | 0.76 | 0.76 | 0.7 |
| | 0.64 | 0.65 | 0.69 | 0.78 | 0.74 | 0.76 | 0.74 | 0.79 | 0.74 | 0.66 | 0.69 | 0.77 | 0.74 | 0.8 | 0.82 | 0.78 | 0.77 | 0.83 | 0.73 | 0.84 | 0.9 | 0.88 | 0.99 | 0.97 | 0.95 | 0.88 | 0.86 | 0.84 |
| | | | | | 5 | | | | | 10 | | | | | 15 | | | | | 20 | | | | | | | 25 | |

illuminance [lx]



Part1

| | | |
|---------------------|-----------|-------------------|
| Average illuminance | Em | : 0.82 lx |
| Minimum illuminance | Emin | : 0.52 lx |
| Maximum illuminance | Emax | : 1.17 lx |
| Uniformity Uo | Emin/Em | : 1 : 1.58 (0.63) |
| Diversity Ud | Emin/Emax | : 1 : 2.25 (0.44) |

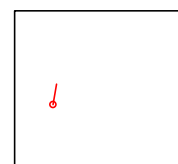
Object : Campus West MSCP
 Installation : As Built - Vertical Spill lighting calcs
 Project number :
 Date : 13.10.2022



1.1 Calculation results, Exterior 1

1.1.4 Table, Building facade 1 (E)

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------|------|------|------|------|------|------|------|------|------|------|------|
| 1.05 | 1.06 | 1.02 | 1.05 | 1.07 | 1.06 | 1.12 | 1.08 | 1.07 | 1.06 | 1.08 | 1.08 | 1.05 | 1.06 | 1.06 | 1.05 | 1.01 | 0.91 | 0.81 | 0.78 | 0.84 | 0.83 | 0.8 | 0.76 | 0.8 | 0.73 |
| 1.08 | 1.1 | 1.08 | 1.05 | 1.06 | 1.05 | 1.12 | 1.07 | 1.03 | 1.01 | 1.06 | 1.07 | 1.04 | 1.05 | 1.03 | 1.01 | 0.96 | 0.89 | 0.77 | 0.79 | 0.94 | 0.88 | 0.78 | 0.73 | 0.77 | 0.68 |
| 1.06 | 1.07 | 1.06 | 1.05 | 1.07 | 1.07 | 1.1 | 1.05 | 1.02 | 1.02 | 1.08 | 1.06 | 1.03 | 1.05 | 1.03 | 1.01 | 0.99 | 0.91 | 0.78 | 0.81 | 0.95 | 0.93 | 0.79 | 0.74 | 0.77 | 0.67 |
| 1.04 | 1.05 | 1.05 | 1.02 | 1.07 | 1.03 | 1.07 | 1.03 | 0.99 | 1 | 1.07 | 1.03 | 0.98 | 1.02 | 0.99 | 0.99 | 0.98 | 0.91 | 0.75 | 0.81 | 0.92 | 0.9 | 0.76 | 0.72 | 0.77 | 0.67 |
| 1.03 | 1.03 | 1.02 | 0.95 | 0.87 | 0.96 | 1.05 | 1.03 | 0.95 | 0.85 | 0.95 | 1 | 0.98 | 0.99 | 0.81 | 0.75 | 0.89 | 0.82 | 0.73 | 0.74 | 0.84 | 0.89 | 0.75 | 0.7 | 0.71 | 0.65 |
| 0.82 | 0.83 | 0.87 | 0.8 | 0.83 | 0.82 | 0.88 | 0.85 | 0.72 | 0.73 | 0.84 | 0.78 | 0.76 | 0.77 | 0.7 | 0.71 | 0.8 | 0.82 | 0.73 | 0.74 | 0.81 | 0.86 | 0.71 | 0.67 | 0.67 | 0.64 |
| 0.66 | 0.66 | 0.71 | 0.69 | 0.72 | 0.67 | 0.71 | 0.67 | 0.58 | 0.63 | 0.7 | 0.63 | 0.62 | 0.63 | 0.6 | 0.63 | 0.59 | 0.68 | 0.65 | 0.64 | 0.66 | 0.7 | 0.69 | 0.65 | 0.63 | 0.6 |
| 0.71 | 0.69 | 0.71 | 0.7 | 0.69 | 0.65 | 0.66 | 0.63 | 0.6 | 0.58 | 0.64 | 0.59 | 0.55 | 0.55 | (0.52) | 0.57 | 0.53 | 0.63 | 0.56 | 0.59 | 0.6 | 0.6 | 0.61 | 0.62 | 0.59 | 0.55 |
| 0.72 | 0.72 | 0.78 | 0.75 | 0.72 | 0.69 | 0.71 | 0.64 | 0.63 | 0.63 | 0.65 | 0.63 | 0.59 | 0.6 | 0.59 | 0.62 | 0.58 | 0.68 | 0.6 | 0.64 | 0.64 | 0.71 | 0.67 | 0.69 | 0.66 | 0.55 |
| 0.82 | 0.84 | 0.97 | 0.87 | 0.76 | 0.89 | 0.86 | 0.78 | 0.72 | 0.67 | 0.72 | 0.69 | 0.66 | 0.66 | 0.61 | 0.63 | 0.59 | 0.73 | 0.66 | 0.72 | 0.67 | 0.74 | 0.73 | 0.73 | 0.68 | 0.6 |
| | | | 30 | | | | | 35 | | | | | 40 | | | | | | 45 | | | | | 50 | [m] |



Part2

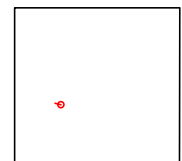
Object : Campus West MSCP
 Installation : As Built - Vertical Spill lighting calcs
 Project number :
 Date : 13.10.2022



1.1 Calculation results, Exterior 1

1.1.5 Table, Building facade 2 (E)

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|
| [m] | 0.79 | 0.79 | 0.76 | 0.74 | 0.7 | 0.7 | 0.67 | 0.68 | 0.67 | 0.63 | 0.59 | 0.54 | 0.51 | 0.48 | 0.48 | 0.48 | 0.47 | 0.46 | 0.46 | 0.44 | 0.42 | 0.42 | 0.41 | 0.39 | 0.39 | 0.39 | 0.39 | 0.4 | |
| 2.75 | 0.81 | 0.79 | 0.76 | 0.72 | 0.68 | 0.69 | 0.66 | 0.66 | 0.64 | 0.61 | 0.58 | 0.53 | 0.5 | 0.48 | 0.47 | 0.47 | 0.46 | 0.45 | 0.45 | 0.43 | 0.41 | 0.41 | 0.4 | 0.39 | 0.39 | 0.39 | 0.39 | 0.4 | |
| 2.25 | 0.9 | 0.84 | 0.78 | 0.74 | 0.7 | 0.7 | 0.67 | 0.67 | 0.66 | 0.62 | 0.58 | 0.54 | 0.51 | 0.48 | 0.47 | 0.46 | 0.44 | 0.43 | 0.44 | 0.42 | 0.4 | 0.4 | 0.39 | 0.37 | 0.38 | 0.38 | 0.37 | 0.38 | |
| 1.75 | 1.02 | 0.94 | 0.89 | 0.86 | 0.83 | 0.83 | 0.81 | 0.82 | 0.8 | 0.77 | 0.7 | 0.63 | 0.56 | 0.52 | 0.49 | 0.49 | 0.48 | 0.5 | 0.47 | 0.46 | 0.44 | 0.43 | 0.43 | 0.41 | 0.41 | 0.4 | 0.39 | 0.38 | |
| 1.50 | 1.18 | 1.06 | 1.01 | 0.94 | 0.89 | 0.87 | 0.85 | 0.89 | 0.88 | 0.85 | 0.79 | 0.72 | 0.65 | 0.6 | 0.53 | 0.52 | 0.5 | 0.52 | 0.53 | 0.51 | 0.52 | 0.51 | 0.51 | 0.49 | 0.5 | 0.49 | 0.46 | 0.47 | |
| 1.00 | 1.28 | 1.15 | 1.08 | 1.01 | 0.96 | 0.94 | 0.92 | 0.94 | 0.92 | 0.88 | 0.82 | 0.76 | 0.7 | 0.61 | 0.57 | 0.56 | 0.55 | 0.57 | 0.55 | 0.54 | 0.53 | 0.52 | 0.53 | 0.52 | 0.52 | 0.51 | 0.49 | 0.49 | |
| 0.50 | 1.34 | 1.23 | 1.15 | 1.08 | 1.03 | 1 | 0.99 | 1 | 0.97 | 0.93 | 0.86 | 0.8 | 0.73 | 0.65 | 0.6 | 0.6 | 0.58 | 0.6 | 0.57 | 0.55 | 0.55 | 0.54 | 0.53 | 0.51 | 0.51 | 0.49 | 0.47 | 0.47 | |
| 0.25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | 2 | | | | | 4 | | | | | 6 | | | | | | | | | | | | | | 12 |
| | Illuminance [lx] | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Part1

| | | |
|---------------------|-----------|-------------------|
| Average illuminance | Em | : 0.58 lx |
| Minimum illuminance | Emin | : 0.31 lx |
| Maximum illuminance | Emax | : 1.34 lx |
| Uniformity Uo | Emin/Em | : 1 : 1.86 (0.54) |
| Diversity Ud | Emin/Emax | : 1 : 4.31 (0.23) |

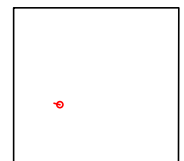
Object : Campus West MSCP
 Installation : As Built - Vertical Spill lighting calcs
 Project number :
 Date : 13.10.2022



1.1 Calculation results, Exterior 1

1.1.5 Table, Building facade 2 (E)

| | | | | | | |
|--------|------|------|------|------|------|--------|
| 0.39 | 0.37 | 0.37 | 0.36 | 0.34 | 0.32 | 0.32 |
| 0.39 | 0.38 | 0.37 | 0.36 | 0.34 | 0.32 | 0.32 |
| 0.37 | 0.36 | 0.36 | 0.35 | 0.34 | 0.32 | 0.32 |
| 0.37 | 0.36 | 0.35 | 0.34 | 0.33 | 0.32 | (0.31) |
| 0.42 | 0.38 | 0.37 | 0.36 | 0.37 | 0.37 | 0.39 |
| 0.45 | 0.41 | 0.39 | 0.36 | 0.38 | 0.39 | 0.39 |
| 0.43 | 0.41 | 0.39 | 0.37 | 0.4 | 0.4 | 0.4 |
| 14 [m] | | | | | | |



Part2

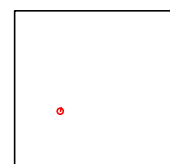
Object : Campus West MSCP
 Installation : As Built - Vertical Spill lighting calcs
 Project number :
 Date : 13.10.2022



1.1 Calculation results, Exterior 1

1.1.6 Table, Building facade 2A (E)

| | | | | | | | | | | | | | | | | | | | | |
|------|------------------|--------|------|------|------|------|------|------|------|-------------|------|------|------|------|------|------|------|------|------|------|
| [m] | (0.97) | (0.97) | 1.04 | 1.06 | 1.1 | 1.1 | 1.12 | 1.17 | 1.22 | 1.35 | 1.34 | 1.44 | 1.55 | 1.54 | 1.58 | 1.49 | 1.49 | 1.51 | 1.65 | 1.75 |
| 2.75 | 0.98 | 0.99 | 1.06 | 1.09 | 1.13 | 1.14 | 1.17 | 1.22 | 1.27 | 1.41 | 1.39 | 1.49 | 1.6 | 1.61 | 1.65 | 1.57 | 1.54 | 1.59 | 1.74 | 1.87 |
| 2.25 | 1.03 | 1.09 | 1.14 | 1.17 | 1.21 | 1.22 | 1.25 | 1.31 | 1.38 | 1.52 | 1.54 | 1.63 | 1.76 | 1.73 | 1.8 | 1.74 | 1.58 | 1.65 | 1.83 | 1.96 |
| 2.00 | 1.07 | 1.14 | 1.21 | 1.25 | 1.29 | 1.33 | 1.36 | 1.41 | 1.48 | 1.65 | 1.66 | 1.75 | 1.87 | 1.85 | 1.97 | 1.84 | 1.71 | 1.9 | 1.96 | 2.12 |
| 1.50 | 1.13 | 1.23 | 1.31 | 1.36 | 1.41 | 1.48 | 1.51 | 1.57 | 1.68 | 1.84 | 1.85 | 1.96 | 2.09 | 2.07 | 2.18 | 2.05 | 1.86 | 2.06 | 2.13 | 2.24 |
| 1.25 | 1.2 | 1.34 | 1.43 | 1.51 | 1.56 | 1.71 | 1.75 | 1.81 | 1.92 | 2.09 | 2.08 | 2.16 | 2.29 | 2.27 | 2.37 | 2.2 | 1.91 | 2.11 | 2.17 | 2.28 |
| 0.75 | 1.44 | 1.62 | 1.74 | 1.85 | 1.98 | 2.3 | 2.39 | 2.48 | 2.57 | 2.73 | 2.59 | 2.61 | 2.69 | 2.62 | 2.68 | 2.48 | 2.05 | 2.21 | 2.26 | 2.34 |
| 0.50 | | | | | | | | | | | | | | | | | | | | |
| 0.25 | | | | | | | | | | | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | | | | | | | | | | | |
| | Illuminance [lx] | | | | | | | | | | | | | | | | | | | |



| | | |
|---------------------|-----------|-------------------|
| Average illuminance | Em | : 1.67 lx |
| Minimum illuminance | Emin | : 0.97 lx |
| Maximum illuminance | Emax | : 2.73 lx |
| Uniformity Uo | Emin/Em | : 1 : 1.73 (0.58) |
| Diversity Ud | Emin/Emax | : 1 : 2.82 (0.35) |

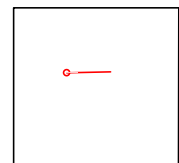
Object : Campus West MSCP
 Installation : As Built - Vertical Spill lighting calcs
 Project number :
 Date : 13.10.2022



1.1 Calculation results, Exterior 1

1.1.7 Table, North Boundary (E)

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|------------------|-----|-----|-----|-----|-----|------|-------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| [m] | 1.6 | 1.5 | 1.7 | 1.8 | 1.7 | 2 | 1.8 | 2 | 2 | 1.9 | 1.8 | 1.6 | 1.9 | 1.8 | 2.1 | 2 | 2 | 2 | 2 | 1.8 | 1.7 | 1.8 | 1.8 | 1.6 | 1.8 | 1.9 | 1.9 | 1.8 |
| 9 | 1.7 | 1.5 | 1.8 | 1.8 | 1.7 | 2 | 1.9 | 2.1 | 2.1 | 1.9 | 1.9 | 1.6 | 1.9 | 1.8 | 1.9 | 2 | 2 | 2 | 2 | 1.8 | 1.8 | 1.8 | 1.9 | 1.7 | 1.9 | 1.9 | 1.9 | 1.8 |
| 8 | 1.7 | 1.6 | 1.8 | 1.9 | 1.7 | 2.1 | 1.9 | 2.1 | 2.1 | 2 | 1.9 | 1.7 | 1.9 | 1.8 | 2 | 2 | 2 | 2 | 2 | 1.8 | 1.8 | 1.9 | 1.9 | 1.7 | 1.9 | 1.9 | 1.9 | 1.9 |
| 7 | 1.7 | 1.6 | 1.7 | 1.9 | 1.6 | 2 | 1.8 | 2.1 | 2.1 | 2 | 2 | 1.7 | 1.9 | 1.9 | 2 | 2.1 | 2.1 | 2.1 | 2.1 | 1.8 | 1.8 | 1.9 | 1.9 | 1.7 | 1.9 | 1.9 | 1.9 | 1.9 |
| 6 | 1.8 | 1.6 | 1.8 | 2 | 1.7 | 2.1 | 1.8 | 2.2 | 2.2 | 2.2 | 2 | 1.8 | 2.1 | 2 | 2.2 | 2.2 | 2.2 | 2.1 | 2.1 | 1.9 | 2 | 2.1 | 2.1 | 1.9 | 2.1 | 2.1 | 2.1 | 2.1 |
| 5 | 1.8 | 1.7 | 2 | 2.5 | 3.1 | 5.6 | 14.9 | 36.6 | 19.5 | 6.7 | 3.5 | 2.4 | 2.3 | 2.1 | 2.2 | 2.2 | 2.2 | 2.3 | 2.2 | 2.1 | 2.1 | 2.2 | 2.4 | 2.7 | 3.5 | 6.1 | 14.6 | 14.1 |
| 4 | 2.2 | 2.3 | 2.6 | 3.4 | 4.7 | 8.5 | 18.1 | 29.4 | 21 | 9.2 | 5.3 | 3.5 | 2.9 | 2.5 | 2.4 | 2.3 | 2.2 | 2.2 | 2.3 | 2.2 | 2.3 | 2.7 | 3.2 | 4.1 | 6 | 11.4 | 22.4 | 23.1 |
| 3 | 2.6 | 2.5 | 3.2 | 3.9 | 4.8 | 7.4 | 10.7 | 13.1 | 11.3 | 7.8 | 5.2 | 3.8 | 3.2 | 2.7 | 2.6 | 2.5 | 2.6 | 2.6 | 2.7 | 2.6 | 2.5 | 2.9 | 3.4 | 4.4 | 6 | 9 | 11.9 | 12 |
| 2 | 5.5 | 5.7 | 6.8 | 6 | 5.7 | 7 | 8.1 | 9 | 8.5 | 6.8 | 4.8 | 3.6 | 3.1 | 2.8 | 2.8 | 2.7 | 2.5 | 2.4 | 2.4 | 2.6 | 2.8 | 3 | 3.4 | 4.2 | 5.4 | 6.9 | 8.1 | 8.1 |
| 1 | 9.7 | 9.6 | 9.7 | 8.4 | 7.3 | 6.9 | 6.5 | 6.7 | 6.5 | 5.9 | 5 | 3.9 | 3.2 | 3 | 2.9 | 2.6 | 2.4 | 2.3 | 2.5 | 2.8 | 2.9 | 3.1 | 3.3 | 4.2 | 5.3 | 6.1 | 6.5 | 6.4 |
| | | | | | | | | | | 10 | | | | | | | | | | | 20 | | | | | | | |
| | Illuminance [lx] | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Part1

| | | |
|---------------------|-----------|--------------------|
| Average illuminance | Em | : 2.8 lx |
| Minimum illuminance | Emin | : 0.7 lx |
| Maximum illuminance | Emax | : 36.6 lx |
| Uniformity Uo | Emin/Em | : 1 : 3.84 (0.26) |
| Diversity Ud | Emin/Emax | : 1 : 50.81 (0.02) |

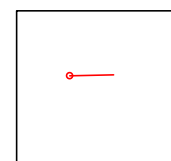
Object : Campus West MSCP
 Installation : As Built - Vertical Spill lighting calcs
 Project number :
 Date : 13.10.2022



1.1 Calculation results, Exterior 1

1.1.7 Table, North Boundary (E)

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|-----|-----|-----|
| 1.9 | 1.7 | 1.7 | 1.7 | 1.5 | 1.5 | 1.6 | 1.6 | 1.8 | 1.8 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.7 | 1.7 | 1.6 | 1.7 | 1.7 | 1.8 | 1.9 | 1.9 | 1.8 | 1.8 | 1.8 | 1.7 | 1.7 | 1.9 | 1.9 | |
| 1.8 | 1.7 | 1.7 | 1.8 | 1.5 | 1.5 | 1.7 | 1.6 | 1.8 | 1.8 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.7 | 1.7 | 1.6 | 1.7 | 1.7 | 1.8 | 1.8 | 1.9 | 1.8 | 1.9 | 1.8 | 1.8 | 1.8 | 1.7 | 1.9 | 1.9 |
| 1.8 | 1.8 | 1.7 | 1.8 | 1.6 | 1.5 | 1.6 | 1.6 | 1.7 | 1.8 | 1.6 | 1.5 | 1.6 | 1.6 | 1.6 | 1.7 | 1.7 | 1.6 | 1.7 | 1.7 | 1.8 | 1.8 | 1.9 | 1.8 | 1.9 | 1.8 | 1.8 | 1.8 | 1.7 | 1.9 | 1.9 |
| 1.8 | 1.8 | 1.7 | 1.8 | 1.6 | 1.5 | 1.6 | 1.7 | 1.7 | 1.8 | 1.5 | 1.5 | 1.5 | 1.6 | 1.6 | 1.6 | 1.7 | 1.7 | 1.7 | 1.7 | 1.9 | 1.9 | 1.8 | 1.9 | 1.9 | 1.9 | 1.8 | 1.8 | 1.9 | 1.9 | |
| 2.1 | 2 | 1.8 | 1.9 | 1.8 | 1.7 | 1.8 | 1.9 | 1.8 | 1.8 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.6 | 1.7 | 1.8 | 1.8 | 1.8 | 2 | 1.9 | 1.8 | 2 | 2 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | |
| 7.6 | 3.7 | 2.6 | 2.2 | 2 | 1.9 | 1.9 | 2 | 1.9 | 1.9 | 1.8 | 1.8 | 1.7 | 1.8 | 1.8 | 1.7 | 1.7 | 1.8 | 1.9 | 1.9 | 2 | 1.9 | 1.9 | 2 | 2 | 2.1 | 2.3 | 2 | 1.8 | 1.9 | |
| 13.2 | 6.6 | 4.2 | 3.1 | 2.6 | 2.2 | 2.1 | 2 | 1.9 | 1.9 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.8 | 1.9 | 2.1 | 2.3 | 2.4 | 2.8 | 3.8 | 5.8 | 10.2 | 13 | 11.1 | 6.9 | 4.4 | |
| 9.4 | 6.2 | 4.4 | 3.4 | 2.8 | 2.3 | 2.2 | 2 | 2 | 1.9 | 1.7 | 1.7 | 1.7 | 1.7 | 1.8 | 1.8 | 1.9 | 1.9 | 2.1 | 2.2 | 2.5 | 2.9 | 3.4 | 4.5 | 6.7 | 10.6 | 12.8 | 11.2 | 7.7 | 4.9 | |
| 6.9 | 5.4 | 4 | 3.2 | 2.7 | 2.2 | 2.1 | 2 | 1.9 | 1.8 | 1.8 | 1.9 | 1.9 | 2 | 2.1 | 2.1 | 2 | 2 | 2.2 | 2.3 | 2.6 | 2.9 | 3.4 | 4.2 | 5.4 | 6.9 | 7.5 | 7.1 | 6 | 4.6 | |
| 6 | 5.2 | 4.3 | 3.4 | 3 | 2.6 | 2.5 | 2.4 | 2.4 | 2.4 | 2.5 | 2.6 | 2.6 | 2.5 | 2.5 | 2.5 | 2.5 | 2.6 | 2.6 | 2.7 | 2.9 | 3.2 | 3.5 | 4.1 | 4.7 | 5.5 | 5.9 | 5.6 | 4.8 | 4.4 | |
| | 30 | | | | | | | | | | 40 | | | | | | | | | | | | | | 50 | | | | | |



Part2

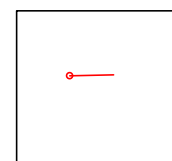
Object : Campus West MSCP
 Installation : As Built - Vertical Spill lighting calcs
 Project number :
 Date : 13.10.2022



1.1 Calculation results, Exterior 1

1.1.7 Table, North Boundary (E)

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|-----|------|-----|-----|
| 1.7 | 1.7 | 1.7 | 1.8 | 1.8 | 1.7 | 1.7 | 1.7 | 1.6 | 1.8 | 1.8 | 1.8 | 1.8 | 1.7 | 1.7 | 1.6 | 1.5 | 1.5 | 1.5 | 1.5 | 1.4 | 1.5 | 1.5 | 1.5 | 1.4 | 1.4 | 1.4 | 1.3 | 1.2 | |
| 1.7 | 1.7 | 1.7 | 1.8 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.8 | 1.8 | 1.8 | 1.8 | 1.7 | 1.7 | 1.6 | 1.6 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.4 | 1.4 | 1.4 | 1.3 | 1.3 |
| 1.7 | 1.7 | 1.7 | 1.8 | 1.8 | 1.7 | 1.7 | 1.7 | 1.7 | 1.8 | 1.8 | 1.8 | 1.7 | 1.7 | 1.7 | 1.6 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.6 | 1.6 | 1.5 | 1.5 | 1.5 | 1.4 | 1.4 | 1.4 | |
| 1.8 | 1.8 | 1.9 | 2 | 1.9 | 1.8 | 1.8 | 1.9 | 1.9 | 2 | 2 | 1.8 | 1.8 | 1.8 | 1.9 | 1.8 | 1.7 | 1.7 | 1.6 | 1.6 | 1.6 | 1.7 | 1.7 | 1.7 | 1.6 | 1.5 | 1.5 | 1.5 | 1.4 | |
| 1.9 | 1.9 | 2 | 2 | 2 | 1.9 | 2 | 2 | 2 | 2.1 | 2.1 | 1.9 | 1.9 | 2 | 2 | 2 | 1.8 | 1.8 | 1.7 | 1.8 | 1.8 | 1.8 | 1.8 | 1.7 | 1.6 | 1.5 | 1.5 | 1.4 | 1.4 | |
| 2 | 2 | 2.1 | 2.1 | 2.1 | 2.2 | 2.2 | 2.2 | 2.1 | 2.2 | 2.2 | 2 | 2.1 | 2.1 | 2.1 | 2.1 | 2 | 2 | 1.9 | 2 | 1.9 | 1.9 | 2 | 1.9 | 1.7 | 1.7 | 1.6 | 1.6 | 1.5 | |
| 3.3 | 2.8 | 2.7 | 2.6 | 2.5 | 2.5 | 2.5 | 2.4 | 2.4 | 2.4 | 2.3 | 2.2 | 2.3 | 2.4 | 2.4 | 2.4 | 2.4 | 2.5 | 2.7 | 3.2 | 4.2 | 6.7 | 10.6 | 12.3 | 9.8 | 6 | 3.8 | 2.9 | 2.3 | |
| 3.9 | 3.4 | 3.2 | 3.2 | 3.3 | 3.3 | 3.1 | 2.8 | 2.7 | 2.7 | 2.6 | 2.5 | 2.6 | 2.6 | 2.6 | 2.8 | 2.9 | 3 | 3.3 | 4 | 5.1 | 7.8 | 11.1 | 12.4 | 10.4 | 7.3 | 4.8 | 3.7 | 3 | |
| 3.9 | 3.6 | 3.6 | 3.7 | 3.8 | 4 | 3.9 | 3.6 | 3.4 | 3.3 | 3.1 | 2.8 | 2.7 | 2.7 | 2.8 | 2.9 | 3 | 3.2 | 3.5 | 4 | 4.8 | 6.4 | 8.2 | 9.3 | 10.4 | 10.1 | 8.8 | 8.6 | 7.5 | |
| 4.1 | 3.9 | 4.1 | 4.3 | 4.6 | 4.7 | 4.8 | 4.7 | 4.5 | 4.4 | 4.2 | 3.7 | 3.5 | 3.4 | 3.3 | 3.3 | 3.3 | 3.4 | 3.6 | 3.9 | 4.6 | 5.8 | 7.2 | 8.7 | 10.4 | 11.5 | 12 | 11.6 | 11 | |



Part3

Object : Campus West MSCP
 Installation : As Built - Vertical Spill lighting calcs
 Project number :
 Date : 13.10.2022

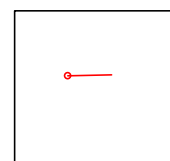


1.1 Calculation results, Exterior 1

1.1.7 Table, North Boundary (E)

| | | | | | | | | | | | | | | | | | | | |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|-------|-------|-------|-------|
| 1.2 | 1.2 | 1.2 | 1.1 | 1.2 | 1.1 | 1 | 1 | 0.9 | 0.9 | 0.9 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | (0.7) | (0.7) | (0.7) | (0.7) |
| 1.2 | 1.2 | 1.2 | 1.1 | 1.2 | 1.1 | 1 | 1 | 0.9 | 0.9 | 0.9 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | (0.7) | (0.7) | (0.7) |
| 1.3 | 1.3 | 1.2 | 1.1 | 1.2 | 1.1 | 1.1 | 1 | 0.9 | 0.9 | 0.9 | 0.9 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | (0.7) | (0.7) |
| 1.3 | 1.3 | 1.2 | 1.2 | 1.2 | 1.2 | 1.1 | 1 | 1 | 0.9 | 0.9 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | (0.7) |
| 1.4 | 1.3 | 1.2 | 1.2 | 1.2 | 1.2 | 1.1 | 1 | 0.9 | 0.9 | 0.9 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 1.4 | 1.4 | 1.3 | 1.2 | 1.2 | 1.2 | 1.1 | 1 | 0.9 | 0.9 | 0.9 | 0.8 | 0.8 | 0.8 | (0.7) | (0.7) | (0.7) | (0.7) | (0.7) | (0.7) |
| 1.9 | 1.7 | 1.5 | 1.3 | 1.3 | 1.2 | 1.1 | 1 | 0.9 | 0.9 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.9 | 0.8 |
| 2.5 | 2.2 | 1.8 | 1.7 | 1.6 | 1.4 | 1.2 | 1.1 | 0.9 | 0.9 | 0.9 | 0.8 | 0.8 | 0.8 | 0.9 | 0.9 | 1 | 1 | 1.1 | 1 |
| 5.9 | 5.8 | 4.3 | 4.2 | 3.6 | 2.4 | 1.7 | 1.3 | 1.1 | 1 | 1 | 0.9 | 0.9 | 0.9 | 1 | 1.1 | 1.2 | 1.3 | 1.3 | 1.3 |
| 10.4 | 9.5 | 7.9 | 6.9 | 5.4 | 3.6 | 2 | 1.5 | 1.2 | 1.2 | 1.2 | 1.1 | 1.1 | 1.2 | 1.3 | 1.5 | 1.6 | 1.7 | 1.7 | 1.6 |
| | | | 90 | | | | | | | | | | 100 | | | | | | |

[m]



Part4

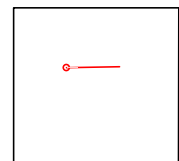
Object : Campus West MSCP
 Installation : As Built - Vertical Spill lighting calcs
 Project number :
 Date : 13.10.2022



1.1 Calculation results, Exterior 1

1.1.8 Table, Rail line (E)

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| [m] | 0.98 | 1.01 | 0.95 | 1.09 | 1.06 | 1 | 1.06 | 1.08 | 1.03 | 1.01 | 1.19 | 1.18 | 1.16 | 1.08 | 1.16 | 1.09 | 1.1 | 1.08 | 1.1 | 1.11 | 1.09 | 1.08 | 0.99 | 0.98 | 1.01 | 1.06 | 0.95 | 0.95 |
| 9 | 1.04 | 1.03 | 0.94 | 1.06 | 1.04 | 1.02 | 1.08 | 1.1 | 1.08 | 1.07 | 1.22 | 1.2 | 1.13 | 1.08 | 1.18 | 1.12 | 1.12 | 1.11 | 1.11 | 1.12 | 1.09 | 1.08 | 0.99 | 1.02 | 1.04 | 1.09 | 1 | 0.98 |
| 8 | 1.03 | 1 | 0.93 | 1.05 | 1.05 | 1.02 | 1.09 | 1.11 | 1.07 | 1.07 | 1.2 | 1.17 | 1.13 | 1.11 | 1.13 | 1.12 | 1.09 | 1.09 | 1.13 | 1.1 | 1.11 | 1.1 | 1.07 | 1.06 | 1.06 | 1.1 | 1.04 | 0.99 |
| 7 | 0.96 | 0.94 | 0.85 | 0.89 | 0.96 | 0.93 | 0.99 | 1.02 | 1.03 | 1.05 | 1.18 | 1.14 | 1.05 | 1.07 | 1.12 | 1.1 | 1.09 | 1.06 | 1.12 | 1.08 | 1.06 | 1.07 | 1.04 | 1.04 | 1.02 | 1.07 | 1.01 | 0.95 |
| 6 | 0.9 | 0.9 | 0.81 | 0.88 | 0.91 | 0.88 | 0.96 | 0.99 | 1.01 | 1.02 | 1.05 | 1.02 | 1.02 | 1.03 | 1.07 | 1.05 | 1.03 | 1.02 | 1.07 | 1.05 | 1.03 | 1.02 | 1.02 | 1.01 | 1.01 | 1.05 | 1.01 | 0.94 |
| 5 | 0.82 | 0.81 | 0.74 | 0.84 | 0.85 | 0.81 | 0.88 | 0.92 | 0.95 | 0.95 | 0.97 | 0.95 | 0.95 | 0.97 | 0.99 | 0.98 | 0.97 | 0.94 | 1.01 | 0.99 | 0.97 | 0.98 | 0.99 | 0.99 | 0.96 | 1.01 | 0.99 | 0.94 |
| 4 | 0.74 | 0.75 | 0.69 | 0.76 | 0.79 | 0.74 | 0.82 | 0.85 | 0.76 | 0.86 | 0.86 | 0.87 | 0.86 | 0.89 | 0.92 | 0.86 | 0.87 | 0.85 | 0.95 | 0.9 | 0.87 | 0.89 | 0.91 | 0.93 | 0.91 | 0.93 | 0.91 | 0.89 |
| 3 | 0.7 | 0.7 | 0.65 | 0.71 | 0.76 | 0.73 | 0.81 | 0.84 | 0.8 | 0.81 | 0.83 | 0.81 | 0.78 | 0.81 | 0.83 | 0.82 | 0.77 | 0.76 | 0.87 | 0.8 | 0.82 | 0.82 | 0.84 | 0.85 | 0.85 | 0.87 | 0.84 | 0.84 |
| 2 | 0.69 | 0.7 | 0.66 | 0.74 | 0.78 | 0.72 | 0.85 | 0.9 | 0.84 | 0.81 | 0.82 | 0.79 | 0.75 | 0.79 | 0.77 | 0.77 | 0.73 | 0.72 | 0.78 | 0.72 | 0.77 | 0.77 | 0.8 | 0.8 | 0.81 | 0.85 | 0.84 | 0.85 |
| 1 | 0.78 | 0.84 | 0.82 | 0.91 | 1 | 0.94 | 1.09 | 1.16 | 1.11 | 1 | 1.02 | 0.96 | 0.94 | 0.89 | 0.87 | 0.86 | 0.85 | 0.82 | 0.87 | 0.86 | 0.88 | 0.86 | 0.93 | 0.96 | 0.98 | 1.04 | 1.09 | 1.1 |
| | 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Illuminance [lx] | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Part1

| | | |
|---------------------|-----------|--------------------|
| Average illuminance | Em | : 0.75 lx |
| Minimum illuminance | Emin | : 0.12 lx |
| Maximum illuminance | Emax | : 1.31 lx |
| Uniformity Uo | Emin/Em | : 1 : 5.99 (0.17) |
| Diversity Ud | Emin/Emax | : 1 : 10.46 (0.10) |

Object : Campus West MSCP
 Installation : As Built - Vertical Spill lighting calcs
 Project number :
 Date : 13.10.2022

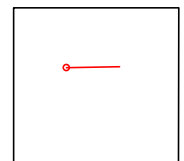


1.1 Calculation results, Exterior 1

1.1.8 Table, Rail line (E)

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------------|------|
| 0.99 | 1 | 0.97 | 0.98 | 0.93 | 0.94 | 0.93 | 1.01 | 1.03 | 0.96 | 0.93 | 0.91 | 0.92 | 0.97 | 1.03 | 1.07 | 1.01 | 1.01 | 1.01 | 1.06 | 1.08 | 1.05 | 1.02 | 1 | 1.12 | 1.12 | 1.13 | 1.07 | 1.08 | 1.1 |
| 0.98 | 0.99 | 1 | 1.02 | 0.97 | 0.99 | 0.97 | 1.04 | 1.04 | 0.98 | 0.95 | 0.93 | 0.9 | 0.98 | 1.04 | 1.07 | 1.02 | 1.05 | 1.03 | 1.07 | 1.07 | 1.04 | 1.04 | 1.02 | 1.13 | 1.14 | 1.14 | 1.08 | 1.09 | 1.08 |
| 1.01 | 1.02 | 1.03 | 1.05 | 0.98 | 1.02 | 0.98 | 1.03 | 1.05 | 0.98 | 0.95 | 0.94 | 0.91 | 1 | 1.04 | 1.05 | 1.01 | 1.03 | 1.01 | 1.05 | 1.06 | 1.05 | 1.03 | 1.01 | 1.12 | 1.12 | 1.14 | 1.07 | 1.08 | 1.08 |
| 0.99 | 0.99 | 1 | 1.01 | 0.95 | 1.02 | 0.95 | 1 | 1.01 | 0.98 | 0.94 | 0.93 | 0.92 | 0.99 | 1.03 | 1.05 | 1.01 | 1.02 | 1.03 | 1.03 | 1.05 | 1.06 | 1.04 | 1.03 | 1.12 | 1.16 | 1.15 | 1.09 | 1.11 | 1.1 |
| 0.98 | 0.98 | 1 | 1.01 | 0.93 | 0.98 | 0.92 | 0.98 | 1.01 | 0.96 | 0.93 | 0.91 | 0.9 | 0.96 | 0.99 | 1.01 | 0.96 | 0.98 | 0.98 | 1.01 | 1.03 | 1 | 1.01 | 0.98 | 1.06 | 1.09 | 1.09 | 1.03 | 1.08 | 1.07 |
| 0.97 | 0.98 | 0.98 | 0.98 | 0.93 | 0.99 | 0.91 | 0.95 | 0.98 | 0.96 | 0.89 | 0.88 | 0.87 | 0.91 | 0.96 | 0.97 | 0.93 | 0.93 | 0.92 | 0.95 | 0.98 | 0.94 | 0.96 | 0.94 | 1.01 | 1.05 | 1.05 | 0.97 | 1.04 | 1.04 |
| 0.94 | 0.93 | 0.93 | 0.92 | 0.9 | 0.93 | 0.88 | 0.91 | 0.94 | 0.9 | 0.85 | 0.82 | 0.82 | 0.84 | 0.85 | 0.92 | 0.86 | 0.87 | 0.86 | 0.87 | 0.92 | 0.89 | 0.88 | 0.9 | 0.96 | 0.97 | 1 | 0.92 | 0.99 | 1 |
| 0.9 | 0.89 | 0.87 | 0.88 | 0.84 | 0.87 | 0.85 | 0.87 | 0.89 | 0.86 | 0.81 | 0.79 | 0.75 | 0.76 | 0.82 | 0.86 | 0.81 | 0.81 | 0.82 | 0.86 | 0.84 | 0.84 | 0.86 | 0.88 | 0.94 | 0.95 | 1 | 0.94 | 1.02 | 1.01 |
| 0.89 | 0.87 | 0.86 | 0.85 | 0.83 | 0.85 | 0.82 | 0.81 | 0.85 | 0.8 | 0.78 | 0.75 | 0.7 | 0.72 | 0.77 | 0.81 | 0.73 | 0.79 | 0.79 | 0.84 | 0.79 | 0.8 | 0.85 | 0.87 | 0.9 | 0.92 | 1 | 0.98 | 1.04 | 1.01 |
| 1.11 | 1.13 | 1.13 | 1.09 | 1.05 | 1.08 | 0.98 | 0.95 | 0.98 | 0.89 | 0.83 | 0.8 | 0.76 | 0.76 | 0.79 | 0.85 | 0.79 | 0.83 | 0.87 | 0.97 | 0.94 | 0.93 | 1.03 | 1.1 | 1.11 | 1.16 | 1.25 | 1.29 | 1.31 | 1.28 |

40



Part2

Object : Campus West MSCP
 Installation : As Built - Vertical Spill lighting calcs
 Project number :
 Date : 13.10.2022

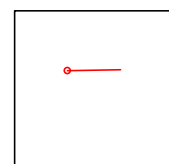


1.1 Calculation results, Exterior 1

1.1.8 Table, Rail line (E)

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1.07 | 1.05 | 1.07 | 1.1 | 1.13 | 1.12 | 1.02 | 1.01 | 0.96 | 0.96 | 0.92 | 0.92 | 0.99 | 0.99 | 1.02 | 1.02 | 0.97 | 0.95 | 0.91 | 0.92 | 0.88 | 0.9 | 0.89 | 0.86 | 0.86 | 0.8 | 0.78 | 0.74 | 0.71 |
| 1.05 | 1.05 | 1.06 | 1.1 | 1.12 | 1.1 | 1 | 0.99 | 0.94 | 0.94 | 0.91 | 0.91 | 0.98 | 1 | 0.99 | 0.98 | 0.95 | 0.93 | 0.91 | 0.91 | 0.88 | 0.9 | 0.9 | 0.88 | 0.87 | 0.82 | 0.8 | 0.75 | 0.73 |
| 1.04 | 1.04 | 1.05 | 1.08 | 1.13 | 1.11 | 0.99 | 0.99 | 0.92 | 0.93 | 0.9 | 0.9 | 0.98 | 1 | 0.99 | 0.97 | 0.93 | 0.94 | 0.91 | 0.91 | 0.88 | 0.9 | 0.9 | 0.87 | 0.86 | 0.8 | 0.78 | 0.73 | 0.72 |
| 1.07 | 1.08 | 1.1 | 1.1 | 1.13 | 1.11 | 1 | 1 | 0.91 | 0.94 | 0.9 | 0.91 | 0.96 | 0.99 | 0.99 | 0.95 | 0.93 | 0.93 | 0.9 | 0.92 | 0.89 | 0.9 | 0.89 | 0.87 | 0.87 | 0.81 | 0.8 | 0.75 | 0.73 |
| 1.05 | 1.04 | 1.05 | 1.04 | 1.09 | 1.07 | 0.99 | 0.97 | 0.87 | 0.88 | 0.86 | 0.87 | 0.93 | 0.95 | 0.94 | 0.91 | 0.88 | 0.89 | 0.87 | 0.88 | 0.86 | 0.87 | 0.86 | 0.84 | 0.83 | 0.77 | 0.76 | 0.71 | 0.68 |
| 1.01 | 1.01 | 0.99 | 1 | 1.06 | 1.05 | 0.97 | 0.92 | 0.84 | 0.86 | 0.84 | 0.85 | 0.89 | 0.91 | 0.91 | 0.89 | 0.86 | 0.87 | 0.83 | 0.86 | 0.83 | 0.85 | 0.82 | 0.78 | 0.79 | 0.74 | 0.72 | 0.67 | 0.65 |
| 0.97 | 0.98 | 0.96 | 0.98 | 1.02 | 1.01 | 0.91 | 0.9 | 0.84 | 0.85 | 0.83 | 0.78 | 0.82 | 0.86 | 0.89 | 0.86 | 0.8 | 0.79 | 0.8 | 0.84 | 0.82 | 0.79 | 0.75 | 0.74 | 0.76 | 0.71 | 0.68 | 0.61 | 0.6 |
| 1 | 0.99 | 0.95 | 0.98 | 0.99 | 0.98 | 0.91 | 0.88 | 0.83 | 0.81 | 0.81 | 0.78 | 0.81 | 0.82 | 0.84 | 0.82 | 0.77 | 0.79 | 0.78 | 0.82 | 0.8 | 0.8 | 0.77 | 0.75 | 0.75 | 0.69 | 0.66 | 0.56 | 0.58 |
| 1.01 | 0.99 | 0.96 | 0.97 | 0.93 | 0.95 | 0.88 | 0.88 | 0.82 | 0.8 | 0.81 | 0.76 | 0.8 | 0.78 | 0.8 | 0.78 | 0.76 | 0.79 | 0.77 | 0.82 | 0.81 | 0.83 | 0.81 | 0.77 | 0.77 | 0.71 | 0.68 | 0.58 | 0.57 |
| 1.26 | 1.2 | 1.16 | 1.15 | 1.04 | 1.04 | 0.99 | 0.97 | 0.91 | 0.87 | 0.9 | 0.86 | 0.92 | 0.9 | 0.91 | 0.93 | 0.9 | 0.94 | 0.95 | 0.99 | 0.97 | 1.01 | 1.02 | 0.97 | 0.95 | 0.87 | 0.82 | 0.71 | 0.68 |

6080



Part3

Object : Campus West MSCP
 Installation : As Built - Vertical Spill lighting calcs
 Project number :
 Date : 13.10.2022

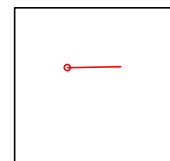


1.1 Calculation results, Exterior 1

1.1.8 Table, Rail line (E)

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.71 | 0.72 | 0.7 | 0.67 | 0.68 | 0.66 | 0.62 | 0.61 | 0.58 | 0.55 | 0.55 | 0.54 | 0.54 | 0.52 | 0.49 | 0.46 | 0.46 | 0.45 | 0.43 | 0.42 | 0.44 | 0.43 | 0.42 | 0.41 | 0.4 | 0.37 | 0.37 | 0.36 | 0.35 | 0.34 |
| 0.71 | 0.73 | 0.68 | 0.66 | 0.67 | 0.63 | 0.6 | 0.57 | 0.56 | 0.53 | 0.53 | 0.52 | 0.52 | 0.5 | 0.48 | 0.45 | 0.44 | 0.43 | 0.42 | 0.41 | 0.41 | 0.41 | 0.4 | 0.39 | 0.38 | 0.36 | 0.36 | 0.34 | 0.33 | 0.33 |
| 0.7 | 0.7 | 0.66 | 0.65 | 0.64 | 0.61 | 0.59 | 0.57 | 0.54 | 0.51 | 0.51 | 0.51 | 0.5 | 0.49 | 0.46 | 0.43 | 0.42 | 0.41 | 0.4 | 0.39 | 0.4 | 0.39 | 0.38 | 0.37 | 0.37 | 0.35 | 0.35 | 0.33 | 0.32 | 0.32 |
| 0.7 | 0.69 | 0.64 | 0.63 | 0.62 | 0.59 | 0.57 | 0.54 | 0.52 | 0.51 | 0.5 | 0.49 | 0.48 | 0.47 | 0.44 | 0.41 | 0.39 | 0.38 | 0.37 | 0.36 | 0.37 | 0.37 | 0.36 | 0.36 | 0.34 | 0.34 | 0.33 | 0.32 | 0.3 | 0.3 |
| 0.65 | 0.65 | 0.61 | 0.58 | 0.56 | 0.54 | 0.52 | 0.5 | 0.47 | 0.46 | 0.45 | 0.44 | 0.43 | 0.42 | 0.4 | 0.37 | 0.36 | 0.35 | 0.34 | 0.34 | 0.34 | 0.34 | 0.34 | 0.33 | 0.32 | 0.32 | 0.3 | 0.29 | 0.29 | 0.28 |
| 0.6 | 0.59 | 0.55 | 0.52 | 0.51 | 0.49 | 0.47 | 0.45 | 0.43 | 0.42 | 0.41 | 0.4 | 0.41 | 0.39 | 0.37 | 0.35 | 0.34 | 0.33 | 0.31 | 0.31 | 0.31 | 0.32 | 0.32 | 0.3 | 0.3 | 0.28 | 0.27 | 0.26 | 0.26 | 0.25 |
| 0.58 | 0.56 | 0.52 | 0.46 | 0.44 | 0.45 | 0.44 | 0.42 | 0.39 | 0.38 | 0.36 | 0.36 | 0.35 | 0.35 | 0.33 | 0.32 | 0.3 | 0.29 | 0.28 | 0.28 | 0.28 | 0.28 | 0.27 | 0.27 | 0.27 | 0.27 | 0.25 | 0.23 | 0.22 | 0.23 |
| 0.54 | 0.51 | 0.48 | 0.44 | 0.42 | 0.42 | 0.4 | 0.38 | 0.35 | 0.35 | 0.34 | 0.34 | 0.33 | 0.32 | 0.31 | 0.3 | 0.29 | 0.27 | 0.26 | 0.25 | 0.26 | 0.26 | 0.25 | 0.25 | 0.25 | 0.25 | 0.23 | 0.22 | 0.21 | 0.21 |
| 0.53 | 0.49 | 0.47 | 0.43 | 0.41 | 0.41 | 0.4 | 0.38 | 0.35 | 0.34 | 0.34 | 0.34 | 0.33 | 0.32 | 0.31 | 0.3 | 0.28 | 0.28 | 0.26 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.24 | 0.24 | 0.23 | 0.22 | 0.22 | 0.21 |
| 0.64 | 0.58 | 0.54 | 0.49 | 0.47 | 0.44 | 0.42 | 0.4 | 0.37 | 0.35 | 0.36 | 0.36 | 0.35 | 0.35 | 0.33 | 0.32 | 0.31 | 0.31 | 0.29 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.27 | 0.27 | 0.26 | 0.25 | 0.24 | 0.24 |

100



Part4

Object : Campus West MSCP
 Installation : As Built - Vertical Spill lighting calcs
 Project number :
 Date : 13.10.2022

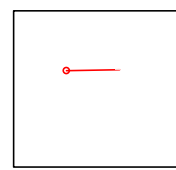


1.1 Calculation results, Exterior 1

1.1.8 Table, Rail line (E)

| | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|---------------|
| 0.32 | 0.31 | 0.31 | 0.29 | 0.28 | 0.27 | 0.26 | 0.25 | 0.25 | 0.24 | 0.23 | 0.21 |
| 0.32 | 0.3 | 0.3 | 0.29 | 0.27 | 0.26 | 0.26 | 0.25 | 0.24 | 0.24 | 0.22 | 0.21 |
| 0.3 | 0.29 | 0.28 | 0.27 | 0.26 | 0.25 | 0.25 | 0.23 | 0.23 | 0.22 | 0.21 | 0.2 |
| 0.29 | 0.28 | 0.27 | 0.26 | 0.25 | 0.24 | 0.24 | 0.22 | 0.22 | 0.21 | 0.2 | 0.19 |
| 0.27 | 0.27 | 0.26 | 0.25 | 0.24 | 0.23 | 0.23 | 0.21 | 0.21 | 0.21 | 0.19 | 0.18 |
| 0.24 | 0.24 | 0.23 | 0.22 | 0.21 | 0.2 | 0.2 | 0.19 | 0.18 | 0.18 | 0.17 | 0.16 |
| 0.22 | 0.22 | 0.2 | 0.19 | 0.18 | 0.19 | 0.19 | 0.17 | 0.16 | 0.15 | 0.15 | 0.14 |
| 0.21 | 0.21 | 0.19 | 0.18 | 0.18 | 0.18 | 0.18 | 0.16 | 0.15 | 0.15 | 0.14 | 0.14 |
| 0.21 | 0.21 | 0.2 | 0.19 | 0.18 | 0.18 | 0.17 | 0.16 | 0.15 | 0.14 | 0.14 | (0.12) |
| 0.24 | 0.23 | 0.22 | 0.21 | 0.2 | 0.19 | 0.19 | 0.17 | 0.15 | 0.15 | 0.14 | 0.13 |

120 [m]



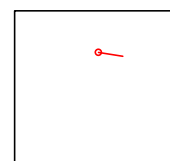
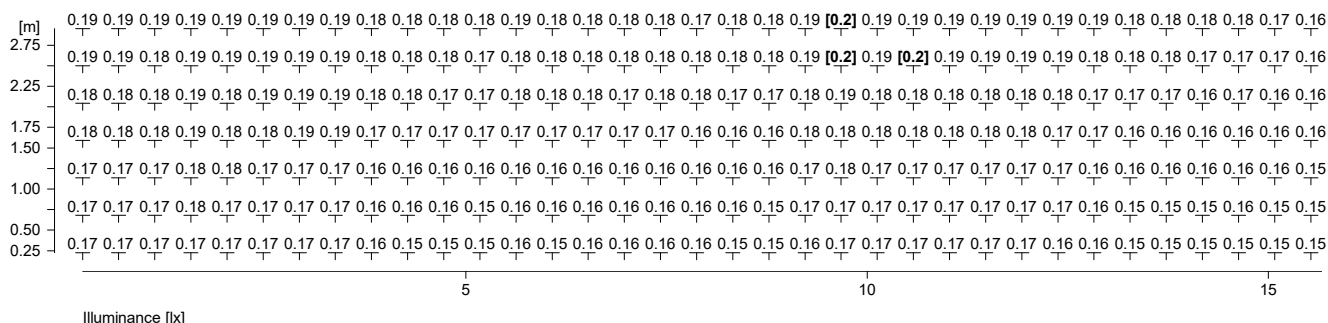
Part5

Object : Campus West MSCP
 Installation : As Built - Vertical Spill lighting calcs
 Project number :
 Date : 13.10.2022



1.1 Calculation results, Exterior 1

1.1.9 Table, Densley Close (E)



Part1

| | | |
|---------------------|-----------|-------------------|
| Average illuminance | Em | : 0.13 lx |
| Minimum illuminance | Emin | : 0.07 lx |
| Maximum illuminance | Emax | : 0.2 lx |
| Uniformity Uo | Emin/Em | : 1 : 1.86 (0.54) |
| Diversity Ud | Emin/Emax | : 1 : 2.92 (0.34) |

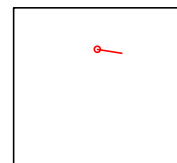
Object : Campus West MSCP
 Installation : As Built - Vertical Spill lighting calcs
 Project number :
 Date : 13.10.2022



1.1 Calculation results, Exterior 1

1.1.9 Table, Densley Close (E)

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.16 | 0.15 | 0.16 | 0.17 | 0.17 | 0.18 | 0.18 | 0.19 | 0.19 | 0.18 | 0.17 | 0.17 | 0.17 | 0.17 | 0.16 | 0.16 | 0.16 | 0.16 | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 | 0.16 | 0.15 | 0.14 | 0.14 | 0.14 | 0.13 | 0.13 | | | | | | |
| 0.16 | 0.15 | 0.16 | 0.17 | 0.17 | 0.18 | 0.18 | 0.18 | 0.18 | 0.17 | 0.17 | 0.16 | 0.16 | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 | 0.14 | 0.15 | 0.15 | 0.15 | 0.15 | 0.14 | 0.15 | 0.15 | 0.15 | 0.14 | 0.14 | 0.13 | 0.13 | 0.13 | 0.12 | 0.12 | | | | | | |
| 0.16 | 0.15 | 0.15 | 0.16 | 0.16 | 0.17 | 0.17 | 0.17 | 0.17 | 0.16 | 0.16 | 0.15 | 0.15 | 0.14 | 0.14 | 0.14 | 0.14 | 0.15 | 0.15 | 0.15 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.13 | 0.13 | 0.12 | 0.12 | 0.12 | 0.12 | | | | | | |
| 0.15 | 0.15 | 0.15 | 0.16 | 0.16 | 0.16 | 0.16 | 0.16 | 0.16 | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 | 0.14 | 0.14 | 0.14 | 0.14 | 0.15 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.13 | 0.13 | 0.13 | 0.13 | 0.13 | 0.13 | 0.12 | 0.11 | 0.12 | 0.12 | 0.11 | | | |
| 0.15 | 0.15 | 0.15 | 0.16 | 0.16 | 0.16 | 0.15 | 0.16 | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 | 0.14 | 0.15 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.13 | 0.13 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.11 | 0.12 | 0.11 | 0.11 |
| 0.15 | 0.14 | 0.15 | 0.15 | 0.16 | 0.16 | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 | 0.14 | 0.14 | 0.15 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.13 | 0.13 | 0.13 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.11 | 0.11 | 0.11 | 0.11 | 0.1 | |
| 0.15 | 0.14 | 0.14 | 0.15 | 0.15 | 0.15 | 0.14 | 0.15 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.13 | 0.13 | 0.13 | 0.13 | 0.13 | 0.13 | 0.13 | 0.13 | 0.13 | 0.13 | 0.13 | 0.13 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.11 | 0.11 | 0.11 | 0.11 | 0.1 |



Part2

Object : Campus West MSCP
 Installation : As Built - Vertical Spill lighting calcs
 Project number :
 Date : 13.10.2022

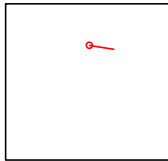


1.1 Calculation results, Exterior 1

1.1.9 Table, Densley Close (E)

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.13 | 0.13 | 0.14 | 0.13 | 0.13 | 0.13 | 0.13 | 0.13 | 0.13 | 0.13 | 0.13 | 0.13 | 0.13 | 0.13 | 0.13 | 0.12 | 0.12 | 0.12 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.11 | 0.1 | 0.1 | 0.1 | 0.09 |
| 0.13 | 0.12 | 0.13 | 0.12 | 0.12 | 0.13 | 0.13 | 0.13 | 0.13 | 0.13 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.1 | 0.1 | 0.1 | 0.09 | 0.09 | 0.09 | 0.1 | 0.09 | 0.1 | 0.09 |
| 0.12 | 0.12 | 0.13 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.1 | 0.11 | 0.11 | 0.1 | 0.11 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 |
| 0.12 | 0.12 | 0.12 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.1 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.09 | 0.1 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.08 | 0.09 | 0.09 | 0.09 | 0.09 | 0.08 | 0.08 |
| 0.11 | 0.11 | 0.11 | 0.11 | 0.1 | 0.11 | 0.11 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.11 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.1 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 |
| 0.11 | 0.11 | 0.11 | 0.1 | 0.1 | 0.11 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | |
| 0.1 | 0.11 | 0.11 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.09 | 0.09 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.09 | 0.09 | 0.09 | 0.08 | 0.09 | 0.09 | 0.08 | 0.09 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | |

35
40
45



Part3

Object : Campus West MSCP
 Installation : As Built - Vertical Spill lighting calcs
 Project number :
 Date : 13.10.2022

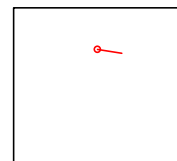


1.1 Calculation results, Exterior 1

1.1.9 Table, Densley Close (E)

| | | | | | | | | | | | | | | | | | | | | | | |
|--------|--------|--------|--------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0.09 | 0.09 | 0.09 | 0.08 | 0.09 | 0.09 | 0.08 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.08 | 0.08 | 0.09 | 0.09 | 0.08 | 0.08 | 0.09 | 0.09 | 0.09 |
| 0.08 | 0.09 | 0.09 | 0.08 | 0.09 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.09 | 0.09 | 0.08 | 0.08 | 0.08 | 0.08 | 0.09 | 0.09 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 |
| 0.08 | 0.09 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 |
| (0.07) | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | (0.07) | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | (0.07) | (0.07) | (0.07) | 0.08 | 0.08 |
| (0.07) | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | (0.07) | (0.07) | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | (0.07) | (0.07) | (0.07) | (0.07) | (0.07) |
| (0.07) | (0.07) | (0.07) | (0.07) | 0.08 | 0.08 | 0.08 | (0.07) | (0.07) | (0.07) | (0.07) | (0.07) | (0.07) | (0.07) | 0.08 | 0.08 | 0.08 | (0.07) | (0.07) | (0.07) | (0.07) | (0.07) | (0.07) |
| (0.07) | (0.07) | (0.07) | (0.07) | 0.08 | (0.07) | (0.07) | (0.07) | (0.07) | (0.07) | (0.07) | (0.07) | (0.07) | (0.07) | (0.07) | (0.07) | (0.07) | (0.07) | (0.07) | (0.07) | (0.07) | (0.07) | (0.07) |

50 55 [m]



Part4

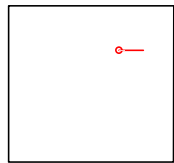
Object : Campus West MSCP
 Installation : As Built - Vertical Spill lighting calcs
 Project number :
 Date : 13.10.2022



1.1 Calculation results, Exterior 1

1.1.10 Table, Scholars Mews (E)

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| [m] | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 |
| 2.75 | 0.06 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 |
| 2.25 | 0.06 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 |
| 1.75 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.04 | 0.04 |
| 1.50 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.04 | 0.04 | 0.04 |
| 1.00 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.04 | 0.04 | 0.04 | 0.04 |
| 0.50 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.04 | 0.04 | 0.04 | 0.04 |
| 0.25 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.04 | 0.04 | 0.04 | 0.04 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Part1

| | | |
|---------------------|-----------|-------------------|
| Average illuminance | Em | : 0.04 lx |
| Minimum illuminance | Emin | : 0.02 lx |
| Maximum illuminance | Emax | : 0.07 lx |
| Uniformity Uo | Emin/Em | : 1 : 1.89 (0.53) |
| Diversity Ud | Emin/Emax | : 1 : 3.32 (0.30) |

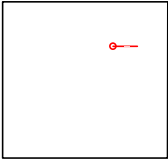
Object : Campus West MSCP
 Installation : As Built - Vertical Spill lighting calcs
 Project number :
 Date : 13.10.2022



1.1 Calculation results, Exterior 1

1.1.10 Table, Scholars Mews (E)

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | | | | |
| 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.04 | 0.04 | 0.03 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | | |
| 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.04 | 0.04 | 0.03 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | | |
| 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.04 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | | |
| 0.03 | 0.03 | 0.04 | 0.03 | 0.04 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | | |
| 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | |
| 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| | | | | | | | | | | | | | | | 30 | | | | | | | | | | | | | | | | 35 | | | | | | | | | | | | | | |



Part3

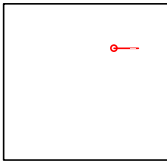
Object : Campus West MSCP
 Installation : As Built - Vertical Spill lighting calcs
 Project number :
 Date : 13.10.2022



1.1 Calculation results, Exterior 1

1.1.10 Table, Scholars Mews (E)

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 0.04 | 0.04 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | | | | | |
| 0.04 | 0.04 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | | | | |
| 0.04 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | | | | |
| 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | (0.02) | 0.03 | (0.02) | | | | |
| 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) |
| 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) |
| 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) |



Part4

Object : Campus West MSCP
 Installation : As Built - Vertical Spill lighting calcs
 Project number :
 Date : 13.10.2022

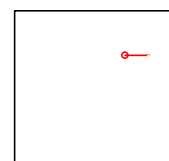


1.1 Calculation results, Exterior 1

1.1.10 Table, Scholars Mews (E)

| | | | | | | | | | | | | | | | | | | | |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | (0.02) |
| (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) |
| (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) |
| (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) |
| (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) |

55 [m]



Part5

Object : Campus West MSCP
 Installation : As Built - Vertical Spill lighting calcs
 Project number :
 Date : 13.10.2022



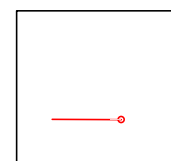
1.1 Calculation results, Exterior 1

1.1.11 Table, South Boundary (E)

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| [m] | 0.26 | 0.27 | 0.27 | 0.28 | 0.28 | 0.29 | 0.29 | 0.3 | 0.31 | 0.32 | 0.31 | 0.32 | 0.32 | 0.32 | 0.33 | 0.35 | 0.36 | 0.36 | 0.35 | 0.35 | 0.37 | 0.37 | 0.39 | 0.41 | 0.42 | 0.42 | 0.43 | 0.45 |
| 9 | 0.25 | 0.25 | 0.26 | 0.27 | 0.27 | 0.28 | 0.28 | 0.29 | 0.29 | 0.3 | 0.3 | 0.31 | 0.3 | 0.3 | 0.32 | 0.33 | 0.35 | 0.35 | 0.34 | 0.34 | 0.35 | 0.36 | 0.37 | 0.4 | 0.4 | 0.41 | 0.42 | 0.44 |
| 8 | 0.23 | 0.24 | 0.24 | 0.25 | 0.25 | 0.26 | 0.27 | 0.28 | 0.28 | 0.29 | 0.28 | 0.28 | 0.28 | 0.3 | 0.31 | 0.31 | 0.33 | 0.34 | 0.32 | 0.32 | 0.34 | 0.34 | 0.37 | 0.37 | 0.39 | 0.39 | 0.41 | 0.42 |
| 7 | 0.22 | 0.22 | 0.22 | 0.23 | 0.24 | 0.25 | 0.25 | 0.25 | 0.26 | 0.27 | 0.27 | 0.26 | 0.26 | 0.28 | 0.28 | 0.28 | 0.31 | 0.32 | 0.3 | 0.3 | 0.3 | 0.32 | 0.34 | 0.35 | 0.36 | 0.34 | 0.36 | 0.39 |
| 6 | 0.17 | 0.18 | 0.18 | 0.19 | 0.19 | 0.2 | 0.21 | 0.21 | 0.22 | 0.24 | 0.24 | 0.24 | 0.25 | 0.25 | 0.25 | 0.25 | 0.27 | 0.3 | 0.29 | 0.27 | 0.29 | 0.29 | 0.3 | 0.3 | 0.31 | 0.31 | 0.33 | 0.33 |
| 5 | 0.15 | 0.16 | 0.16 | 0.16 | 0.17 | 0.18 | 0.18 | 0.19 | 0.19 | 0.2 | 0.2 | 0.21 | 0.21 | 0.22 | 0.23 | 0.24 | 0.25 | 0.26 | 0.26 | 0.24 | 0.26 | 0.27 | 0.27 | 0.28 | 0.29 | 0.3 | 0.3 | 0.3 |
| 4 | 0.15 | 0.15 | 0.15 | 0.16 | 0.16 | 0.17 | 0.18 | 0.19 | 0.19 | 0.2 | 0.2 | 0.2 | 0.21 | 0.21 | 0.22 | 0.23 | 0.25 | 0.25 | 0.25 | 0.23 | 0.25 | 0.26 | 0.27 | 0.27 | 0.28 | 0.29 | 0.29 | 0.29 |
| 3 | 0.14 | 0.14 | 0.15 | 0.15 | 0.16 | 0.17 | 0.17 | 0.18 | 0.19 | 0.19 | 0.19 | 0.19 | 0.2 | 0.2 | 0.21 | 0.22 | 0.24 | 0.24 | 0.24 | 0.22 | 0.24 | 0.25 | 0.26 | 0.25 | 0.27 | 0.27 | 0.27 | 0.27 |
| 2 | 0.14 | 0.14 | 0.14 | 0.15 | 0.15 | 0.17 | 0.17 | 0.18 | 0.19 | 0.18 | 0.19 | 0.18 | 0.19 | 0.2 | 0.2 | 0.22 | 0.23 | 0.23 | 0.23 | 0.21 | 0.23 | 0.24 | 0.25 | 0.25 | 0.27 | 0.27 | 0.28 | 0.33 |
| 1 | 0.16 | 0.16 | 0.17 | 0.18 | 0.19 | 0.2 | 0.21 | 0.21 | 0.22 | 0.21 | 0.2 | 0.2 | 0.21 | 0.23 | 0.23 | 0.24 | 0.24 | 0.24 | 0.24 | 0.22 | 0.24 | 0.24 | 0.26 | 0.27 | 0.29 | 0.29 | 0.29 | 0.35 |

Illuminance [lx]

20



Part1

| | | |
|---------------------|-----------|--------------------|
| Average illuminance | Em | : 0.94 lx |
| Minimum illuminance | Emin | : 0.07 lx |
| Maximum illuminance | Emax | : 3.51 lx |
| Uniformity Uo | Emin/Em | : 1 : 12.69 (0.08) |
| Diversity Ud | Emin/Emax | : 1 : 47.15 (0.02) |

Object : Campus West MSCP
 Installation : As Built - Vertical Spill lighting calcs
 Project number :
 Date : 13.10.2022

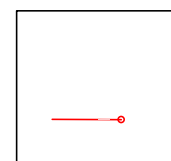


1.1 Calculation results, Exterior 1

1.1.11 Table, South Boundary (E)

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.48 | 0.51 | 0.51 | 0.51 | 0.49 | 0.49 | 0.49 | 0.56 | 0.58 | 0.6 | 0.61 | 0.59 | 0.58 | 0.65 | 0.68 | 0.67 | 0.66 | 0.68 | 0.66 | 0.69 | 0.74 | 0.72 | 0.76 | 0.79 | 0.8 | 0.72 | 0.85 | 0.95 | 0.97 | 0.97 |
| 0.46 | 0.49 | 0.49 | 0.49 | 0.47 | 0.48 | 0.48 | 0.54 | 0.56 | 0.59 | 0.61 | 0.59 | 0.57 | 0.64 | 0.66 | 0.64 | 0.64 | 0.66 | 0.64 | 0.69 | 0.73 | 0.71 | 0.75 | 0.78 | 0.8 | 0.73 | 0.86 | 0.98 | 0.97 | 0.97 |
| 0.45 | 0.47 | 0.48 | 0.48 | 0.46 | 0.46 | 0.46 | 0.52 | 0.55 | 0.57 | 0.59 | 0.57 | 0.57 | 0.63 | 0.65 | 0.64 | 0.64 | 0.66 | 0.63 | 0.67 | 0.71 | 0.69 | 0.76 | 0.77 | 0.77 | 0.72 | 0.84 | 0.96 | 0.97 | 0.95 |
| 0.41 | 0.43 | 0.4 | 0.44 | 0.44 | 0.42 | 0.37 | 0.46 | 0.52 | 0.54 | 0.5 | 0.49 | 0.55 | 0.62 | 0.61 | 0.61 | 0.62 | 0.61 | 0.63 | 0.66 | 0.68 | 0.7 | 0.73 | 0.75 | 0.77 | 0.69 | 0.81 | 0.91 | 0.93 | 0.91 |
| 0.35 | 0.37 | 0.37 | 0.39 | 0.37 | 0.37 | 0.35 | 0.41 | 0.45 | 0.48 | 0.47 | 0.44 | 0.49 | 0.56 | 0.56 | 0.58 | 0.6 | 0.6 | 0.63 | 0.65 | 0.68 | 0.7 | 0.73 | 0.75 | 0.77 | 0.71 | 0.85 | 0.92 | 0.95 | 0.95 |
| 0.32 | 0.35 | 0.35 | 0.35 | 0.32 | 0.32 | 0.33 | 0.37 | 0.4 | 0.42 | 0.44 | 0.41 | 0.4 | 0.47 | 0.51 | 0.47 | 0.51 | 0.55 | 0.54 | 0.59 | 0.63 | 0.65 | 0.67 | 0.72 | 0.72 | 0.68 | 0.76 | 0.83 | 0.86 | 0.86 |
| 0.32 | 0.34 | 0.35 | 0.35 | 0.32 | 0.31 | 0.32 | 0.37 | 0.4 | 0.42 | 0.42 | 0.4 | 0.39 | 0.46 | 0.5 | 0.46 | 0.52 | 0.56 | 0.54 | 0.58 | 0.62 | 0.63 | 0.65 | 0.7 | 0.71 | 0.71 | 0.75 | 0.85 | 0.87 | 0.89 |
| 0.29 | 0.32 | 0.33 | 0.33 | 0.32 | 0.31 | 0.32 | 0.36 | 0.39 | 0.41 | 0.4 | 0.38 | 0.37 | 0.44 | 0.49 | 0.46 | 0.5 | 0.52 | 0.51 | 0.57 | 0.59 | 0.63 | 0.64 | 0.72 | 0.72 | 0.72 | 0.77 | 0.85 | 0.89 | 0.9 |
| 0.35 | 0.35 | 0.35 | 0.38 | 0.38 | 0.36 | 0.36 | 0.4 | 0.44 | 0.45 | 0.43 | 0.39 | 0.41 | 0.47 | 0.5 | 0.51 | 0.56 | 0.56 | 0.54 | 0.61 | 0.62 | 0.67 | 0.67 | 0.71 | 0.74 | 0.76 | 0.79 | 0.88 | 0.94 | 0.94 |
| 0.36 | 0.39 | 0.37 | 0.39 | 0.4 | 0.37 | 0.36 | 0.42 | 0.47 | 0.45 | 0.41 | 0.4 | 0.45 | 0.53 | 0.53 | 0.55 | 0.61 | 0.63 | 0.59 | 0.68 | 0.68 | 0.74 | 0.78 | 0.8 | 0.85 | 0.89 | 0.97 | 1.04 | 1.08 | 1.09 |

40



Part2

Object : Campus West MSCP
 Installation : As Built - Vertical Spill lighting calcs
 Project number :
 Date : 13.10.2022

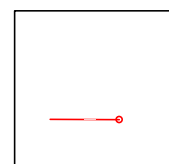


1.1 Calculation results, Exterior 1

1.1.11 Table, South Boundary (E)

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------------|------|------|------|------|------|------|------|------|
| 1.05 | 1.04 | 1.1 | 1.1 | 1.08 | 1.08 | 1.18 | 1.25 | 1.3 | 1.34 | 1.32 | 1.42 | 1.38 | 1.4 | 1.36 | 1.32 | 1.3 | 1.33 | 1.45 | 1.51 | 1.5 | 1.48 | 1.44 | 1.42 | 1.46 | 1.43 | 1.44 | 1.43 | 1.44 |
| 1.05 | 1.04 | 1.11 | 1.12 | 1.08 | 1.1 | 1.19 | 1.25 | 1.3 | 1.32 | 1.31 | 1.43 | 1.4 | 1.44 | 1.41 | 1.35 | 1.37 | 1.4 | 1.53 | 1.56 | 1.53 | 1.51 | 1.48 | 1.46 | 1.49 | 1.46 | 1.46 | 1.47 | 1.46 |
| 1.04 | 1.03 | 1.1 | 1.12 | 1.08 | 1.1 | 1.17 | 1.28 | 1.32 | 1.31 | 1.32 | 1.45 | 1.42 | 1.46 | 1.42 | 1.37 | 1.38 | 1.42 | 1.53 | 1.56 | 1.53 | 1.53 | 1.5 | 1.47 | 1.51 | 1.49 | 1.5 | 1.49 | 1.45 |
| 1.02 | 1.01 | 1.05 | 1.07 | 1.03 | 1.05 | 1.1 | 1.23 | 1.27 | 1.26 | 1.27 | 1.39 | 1.38 | 1.41 | 1.34 | 1.33 | 1.38 | 1.41 | 1.5 | 1.57 | 1.53 | 1.52 | 1.52 | 1.46 | 1.49 | 1.44 | 1.48 | 1.5 | 1.45 |
| 1.06 | 1.05 | 1.09 | 1.12 | 1.09 | 1.09 | 1.14 | 1.28 | 1.34 | 1.33 | 1.32 | 1.45 | 1.43 | 1.46 | 1.38 | 1.39 | 1.43 | 1.45 | 1.54 | 1.62 | 1.55 | 1.54 | 1.55 | 1.52 | 1.52 | 1.48 | 1.51 | 1.52 | 1.48 |
| 0.93 | 0.93 | 1 | 1.03 | 1.01 | 0.98 | 1.08 | 1.17 | 1.23 | 1.19 | 1.27 | 1.34 | 1.35 | 1.38 | 1.35 | 1.32 | 1.32 | 1.38 | 1.49 | 1.54 | 1.49 | 1.5 | 1.44 | 1.44 | 1.45 | 1.49 | 1.41 | 1.46 | 1.4 |
| 0.97 | 0.97 | 1.05 | 1.08 | 1.05 | 1.01 | 1.12 | 1.2 | 1.26 | 1.22 | 1.31 | 1.37 | 1.39 | 1.38 | 1.43 | 1.43 | 1.44 | 1.52 | 1.67 | 1.76 | 1.67 | 1.73 | 1.67 | 1.66 | 1.67 | 1.72 | 1.65 | 1.7 | 1.63 |
| 0.95 | 0.95 | 1.07 | 1.1 | 1.06 | 1.08 | 1.19 | 1.3 | 1.39 | 1.38 | 1.56 | 1.56 | 1.7 | 1.69 | 1.84 | 1.88 | 2.01 | 2.16 | 2.22 | 2.45 | 2.43 | 2.33 | 2.21 | 2.12 | 2.08 | 2.09 | 2.03 | 1.97 | 1.87 |
| 1.04 | 1.06 | 1.18 | 1.25 | 1.2 | 1.34 | 1.46 | 1.62 | 1.74 | 1.82 | 1.99 | 1.98 | 2.19 | 2.17 | 2.34 | 2.41 | 2.61 | 2.79 | 2.88 | 3.12 | 3.15 | 3.09 | 2.82 | 2.75 | 2.58 | 2.5 | 2.4 | 2.33 | 2.21 |
| 1.21 | 1.34 | 1.47 | 1.55 | 1.51 | 1.63 | 1.75 | 1.81 | 1.9 | 2.1 | 2.24 | 2.17 | 2.46 | 2.43 | 2.62 | 2.63 | 2.81 | 2.99 | 3.13 | 3.45 | 3.51 | 3.49 | 3.02 | 2.99 | 2.95 | 2.96 | 2.78 | 2.71 | 2.46 |

6080



Part3

Object : Campus West MSCP
 Installation : As Built - Vertical Spill lighting calcs
 Project number :
 Date : 13.10.2022

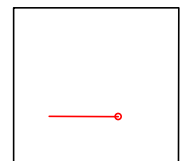


1.1 Calculation results, Exterior 1

1.1.11 Table, South Boundary (E)

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1.47 | 1.41 | 1.48 | 1.45 | 1.43 | 1.46 | 1.47 | 1.37 | 1.45 | 1.42 | 1.41 | 1.4 | 1.39 | 1.47 | 1.51 | 1.39 | 1.47 | 1.44 | 1.44 | 1.37 | 1.46 | 1.38 | 1.4 | 1.37 | 1.29 | 1.34 | 1.38 | 1.4 | 1.39 | 1.43 |
| 1.5 | 1.44 | 1.52 | 1.47 | 1.48 | 1.5 | 1.51 | 1.39 | 1.46 | 1.46 | 1.46 | 1.46 | 1.41 | 1.51 | 1.56 | 1.44 | 1.52 | 1.49 | 1.48 | 1.41 | 1.51 | 1.43 | 1.43 | 1.39 | 1.35 | 1.39 | 1.42 | 1.41 | 1.4 | 1.46 |
| 1.49 | 1.46 | 1.53 | 1.47 | 1.47 | 1.45 | 1.54 | 1.4 | 1.45 | 1.47 | 1.46 | 1.49 | 1.44 | 1.54 | 1.58 | 1.47 | 1.56 | 1.54 | 1.53 | 1.44 | 1.45 | 1.45 | 1.45 | 1.39 | 1.37 | 1.4 | 1.46 | 1.45 | 1.42 | 1.47 |
| 1.41 | 1.43 | 1.52 | 1.41 | 1.41 | 1.45 | 1.53 | 1.39 | 1.46 | 1.47 | 1.46 | 1.46 | 1.47 | 1.53 | 1.57 | 1.48 | 1.58 | 1.54 | 1.54 | 1.46 | 1.48 | 1.45 | 1.45 | 1.41 | 1.41 | 1.42 | 1.48 | 1.47 | 1.45 | 1.5 |
| 1.48 | 1.49 | 1.54 | 1.47 | 1.44 | 1.5 | 1.55 | 1.44 | 1.52 | 1.54 | 1.51 | 1.52 | 1.53 | 1.59 | 1.65 | 1.58 | 1.68 | 1.64 | 1.62 | 1.64 | 1.63 | 1.57 | 1.53 | 1.49 | 1.46 | 1.41 | 1.48 | 1.45 | 1.46 | 1.5 |
| 1.51 | 1.43 | 1.5 | 1.4 | 1.38 | 1.47 | 1.51 | 1.45 | 1.52 | 1.5 | 1.45 | 1.52 | 1.48 | 1.62 | 1.64 | 1.61 | 1.71 | 1.74 | 1.78 | 1.75 | 1.73 | 1.74 | 1.72 | 1.38 | 1.36 | 1.39 | 1.46 | 1.42 | 1.51 | 1.51 |
| 1.77 | 1.68 | 1.76 | 1.65 | 1.64 | 1.72 | 1.74 | 1.66 | 1.78 | 1.74 | 1.68 | 1.77 | 1.72 | 1.87 | 1.85 | 1.86 | 1.87 | 2.02 | 2.09 | 2.09 | 2.1 | 2.13 | 2.13 | 1.44 | 1.42 | 1.41 | 1.55 | 1.5 | 1.62 | 1.55 |
| 1.88 | 1.87 | 1.89 | 1.71 | 1.8 | 1.75 | 1.88 | 1.8 | 1.96 | 1.95 | 1.78 | 2.06 | 2.1 | 2.24 | 2.17 | 2.11 | 2.15 | 2.28 | 2.34 | 2.34 | 2.35 | 2.45 | 2.46 | 1.55 | 1.57 | 1.59 | 1.77 | 1.75 | 1.96 | 1.95 |
| 2.09 | 2.14 | 2.13 | 1.97 | 1.94 | 2 | 2.18 | 2.18 | 2.36 | 2.23 | 2.23 | 2.59 | 2.65 | 2.87 | 2.56 | 2.57 | 2.66 | 2.77 | 2.78 | 2.77 | 2.72 | 2.79 | 2.81 | 1.86 | 1.9 | 1.96 | 2.16 | 2.19 | 2.41 | 2.39 |
| 2.46 | 2.43 | 2.48 | 2.35 | 2.21 | 2.27 | 2.48 | 2.49 | 2.55 | 2.46 | 2.42 | 3.02 | 3.08 | 3.35 | 2.93 | 2.87 | 3.09 | 3.15 | 3.14 | 3.21 | 3.07 | 3.03 | 3.1 | 2.2 | 2.25 | 2.26 | 2.54 | 2.52 | 2.78 | 2.97 |

100



Part4

Object : Campus West MSCP
 Installation : As Built - Vertical Spill lighting calcs
 Project number :
 Date : 13.10.2022

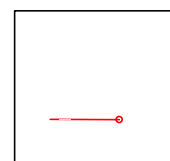


1.1 Calculation results, Exterior 1

1.1.11 Table, South Boundary (E)

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1.51 | 1.55 | 1.58 | 1.56 | 1.63 | 1.65 | 1.4 | 1.31 | 1.19 | 1.09 | 1.08 | 0.99 | 1.04 | 0.92 | 0.87 | 0.85 | 0.85 | 0.77 | 0.71 | 0.66 | 0.57 | 0.53 | 0.57 | 0.5 | 0.47 | 0.47 | 0.46 | 0.45 | 0.47 |
| 1.54 | 1.57 | 1.62 | 1.59 | 1.66 | 1.67 | 1.43 | 1.31 | 1.21 | 1.1 | 1.1 | 1.01 | 1.05 | 0.9 | 0.86 | 0.8 | 0.79 | 0.74 | 0.67 | 0.62 | 0.56 | 0.52 | 0.55 | 0.49 | 0.46 | 0.47 | 0.44 | 0.44 | 0.45 |
| 1.55 | 1.59 | 1.67 | 1.63 | 1.74 | 1.72 | 1.46 | 1.35 | 1.23 | 1.14 | 1.12 | 1.02 | 0.95 | 0.88 | 0.84 | 0.78 | 0.78 | 0.73 | 0.63 | 0.63 | 0.56 | 0.52 | 0.52 | 0.49 | 0.45 | 0.46 | 0.44 | 0.43 | 0.45 |
| 1.58 | 1.63 | 1.68 | 1.7 | 1.81 | 1.79 | 1.5 | 1.44 | 1.33 | 1.22 | 1.13 | 1.09 | 0.92 | 0.88 | 0.79 | 0.76 | 0.76 | 0.72 | 0.61 | 0.61 | 0.54 | 0.5 | 0.5 | 0.47 | 0.44 | 0.45 | 0.45 | 0.39 | 0.43 |
| 1.59 | 1.78 | 1.71 | 1.74 | 1.83 | 1.79 | 1.52 | 1.45 | 1.34 | 1.24 | 1.15 | 1.1 | 0.87 | 0.85 | 0.79 | 0.74 | 0.74 | 0.71 | 0.61 | 0.57 | 0.53 | 0.5 | 0.48 | 0.47 | 0.42 | 0.44 | 0.43 | 0.38 | 0.41 |
| 1.71 | 1.9 | 1.89 | 1.78 | 1.84 | 1.77 | 1.58 | 1.41 | 1.33 | 1.23 | 1.16 | 1.02 | 0.79 | 0.76 | 0.73 | 0.71 | 0.68 | 0.65 | 0.57 | 0.56 | 0.51 | 0.48 | 0.47 | 0.46 | 0.4 | 0.42 | 0.38 | 0.37 | 0.37 |
| 1.75 | 1.89 | 1.94 | 1.79 | 1.83 | 1.74 | 1.57 | 1.34 | 1.27 | 1.05 | 1.16 | 1.01 | 0.76 | 0.75 | 0.71 | 0.71 | 0.67 | 0.63 | 0.54 | 0.53 | 0.48 | 0.46 | 0.46 | 0.42 | 0.4 | 0.41 | 0.42 | 0.36 | 0.36 |
| 2.2 | 2.28 | 2.21 | 2.04 | 2.02 | 1.89 | 1.73 | 1.45 | 1.38 | 1.1 | 1.19 | 1.05 | 0.8 | 0.76 | 0.73 | 0.7 | 0.67 | 0.64 | 0.54 | 0.54 | 0.46 | 0.44 | 0.46 | 0.41 | 0.39 | 0.4 | 0.41 | 0.34 | 0.35 |
| 2.62 | 2.68 | 2.68 | 2.47 | 2.48 | 2.23 | 2.07 | 1.77 | 1.61 | 1.29 | 1.32 | 1.14 | 0.92 | 0.85 | 0.78 | 0.74 | 0.82 | 0.65 | 0.56 | 0.53 | 0.47 | 0.43 | 0.45 | 0.41 | 0.38 | 0.4 | 0.39 | 0.34 | 0.38 |
| 3.05 | 3.06 | 3 | 2.84 | 2.76 | 2.46 | 2.28 | 1.89 | 1.53 | 1.4 | 1.34 | 1.17 | 0.92 | 0.9 | 0.8 | 0.75 | 0.72 | 0.71 | 0.71 | 0.55 | 0.47 | 0.44 | 0.43 | 0.38 | 0.37 | 0.37 | 0.39 | 0.39 | 0.38 |

120140



Part5

Object : Campus West MSCP
 Installation : As Built - Vertical Spill lighting calcs
 Project number :
 Date : 13.10.2022

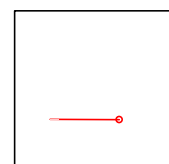


1.1 Calculation results, Exterior 1

1.1.11 Table, South Boundary (E)

| | | | | | | | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------|
| 0.44 | 0.49 | 0.47 | 0.44 | 0.41 | 0.39 | 0.36 | 0.34 | 0.33 | 0.34 | 0.32 | 0.33 | 0.31 | 0.29 | 0.28 | 0.27 | 0.26 | 0.22 | 0.24 | 0.21 | 0.2 | 0.18 |
| 0.44 | 0.49 | 0.46 | 0.44 | 0.42 | 0.38 | 0.39 | 0.34 | 0.33 | 0.33 | 0.32 | 0.32 | 0.3 | 0.28 | 0.27 | 0.26 | 0.25 | 0.21 | 0.23 | 0.2 | 0.18 | 0.17 |
| 0.42 | 0.48 | 0.44 | 0.43 | 0.4 | 0.36 | 0.37 | 0.33 | 0.32 | 0.32 | 0.31 | 0.3 | 0.28 | 0.27 | 0.26 | 0.24 | 0.2 | 0.18 | 0.19 | 0.18 | 0.17 | 0.15 |
| 0.41 | 0.44 | 0.44 | 0.41 | 0.34 | 0.31 | 0.36 | 0.32 | 0.3 | 0.27 | 0.25 | 0.26 | 0.26 | 0.25 | 0.23 | 0.21 | 0.18 | 0.17 | 0.18 | 0.17 | 0.16 | 0.14 |
| 0.38 | 0.41 | 0.4 | 0.36 | 0.32 | 0.33 | 0.32 | 0.27 | 0.26 | 0.24 | 0.24 | 0.23 | 0.22 | 0.21 | 0.18 | 0.17 | 0.16 | 0.15 | 0.15 | 0.14 | 0.13 | 0.13 |
| 0.34 | 0.39 | 0.36 | 0.33 | 0.31 | 0.31 | 0.29 | 0.23 | 0.23 | 0.22 | 0.2 | 0.19 | 0.18 | 0.18 | 0.16 | 0.16 | 0.14 | 0.13 | 0.13 | 0.12 | 0.11 | 0.11 |
| 0.33 | 0.33 | 0.36 | 0.32 | 0.31 | 0.3 | 0.25 | 0.22 | 0.23 | 0.21 | 0.19 | 0.18 | 0.17 | 0.17 | 0.15 | 0.15 | 0.13 | 0.12 | 0.13 | 0.11 | 0.1 | 0.09 |
| 0.32 | 0.33 | 0.35 | 0.32 | 0.31 | 0.33 | 0.23 | 0.2 | 0.21 | 0.2 | 0.18 | 0.17 | 0.16 | 0.16 | 0.14 | 0.14 | 0.11 | 0.11 | 0.12 | 0.11 | 0.09 | 0.08 |
| 0.33 | 0.33 | 0.36 | 0.36 | 0.32 | 0.35 | 0.28 | 0.25 | 0.25 | 0.23 | 0.19 | 0.19 | 0.21 | 0.21 | 0.17 | 0.17 | 0.12 | 0.11 | 0.11 | 0.1 | 0.09 | (0.07) |
| 0.34 | 0.32 | 0.36 | 0.36 | 0.31 | 0.34 | 0.27 | 0.26 | 0.25 | 0.24 | 0.19 | 0.2 | 0.21 | 0.22 | 0.18 | 0.17 | 0.11 | 0.1 | 0.11 | 0.1 | 0.08 | (0.07) |

160
[m]



Part6

Object : Campus West MSCP
 Installation : As Built - Vertical Spill lighting calcs
 Project number :
 Date : 13.10.2022

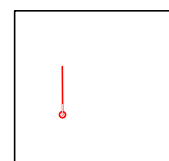


1.1 Calculation results, Exterior 1

1.1.12 Table, West Boundary (E)

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|------|------|------|------|------|------|------|------|------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| [m] | 1.02 | 1.24 | 1.14 | 1.12 | 1.2 | 1.19 | 1.43 | 1.53 | 1.58 | 1.61 | 1.7 | 1.79 | 1.74 | 1.95 | 2.05 | 2.08 | 1.94 | 2 | 1.93 | 2.11 | 2.08 | 2.28 | 2.44 | 2.46 | 2.26 | 2.21 | 2.14 | 2.27 | |
| 9 | 0.98 | 1.25 | 1.12 | 1.14 | 1.24 | 1.22 | 1.48 | 1.52 | 1.68 | 1.72 | 1.86 | 1.94 | 1.91 | 2.23 | 2.26 | 2.27 | 2.27 | 2.33 | 2.27 | 2.43 | 2.44 | 2.63 | 2.58 | 2.69 | 2.63 | 2.52 | 2.44 | 2.63 | |
| 8 | 1 | 1.24 | 1.17 | 1.11 | 1.23 | 1.24 | 1.43 | 1.55 | 1.66 | 1.74 | 1.88 | 1.95 | 1.96 | 2.24 | 2.29 | 2.33 | 2.31 | 2.43 | 2.36 | 2.52 | 2.51 | 2.76 | 2.72 | 2.85 | 2.75 | 2.64 | 2.55 | 2.74 | |
| 7 | 0.99 | 1.25 | 1.14 | 1.11 | 1.32 | 1.3 | 1.46 | 1.6 | 1.72 | 1.85 | 1.93 | 1.97 | 2.03 | 2.37 | 2.46 | 2.47 | 2.51 | 2.5 | 2.43 | 2.72 | 2.63 | 2.86 | 2.88 | 2.97 | 2.9 | 2.8 | 2.69 | 2.89 | |
| 6 | 0.95 | 1.26 | 1.24 | 1.09 | 1.4 | 1.35 | 1.44 | 1.57 | 1.7 | 1.74 | 1.94 | 2.03 | 2.09 | 2.4 | 2.45 | 2.53 | 2.6 | 2.56 | 2.61 | 2.83 | 2.65 | 2.94 | 2.88 | 3.09 | 2.96 | 2.83 | 2.64 | 2.87 | |
| 5 | 0.88 | 1.16 | 1.32 | 1.1 | 1.36 | 1.41 | 1.4 | 1.55 | 1.64 | 1.77 | 1.84 | 2.01 | 2.15 | 2.41 | 2.51 | 2.56 | 2.76 | 2.66 | 2.71 | 2.94 | 2.77 | 2.99 | 2.96 | 3 | 2.92 | 2.84 | 2.75 | 2.77 | |
| 4 | 0.87 | 1.09 | 1.37 | 1.13 | 1.39 | 1.4 | 1.41 | 1.55 | 1.63 | 1.88 | 1.87 | 1.86 | 2.04 | 2.41 | 2.46 | 2.53 | 2.75 | 2.66 | 2.67 | 2.92 | 2.83 | 2.94 | 2.98 | 2.78 | 2.78 | 2.59 | 2.53 | 2.51 | |
| 3 | 0.92 | 1.14 | 1.48 | 1.25 | 1.52 | 1.56 | 1.57 | 1.7 | 1.82 | 2.07 | 2.16 | 2.11 | 2.39 | 2.99 | 3.05 | 3.39 | 3.64 | 3.45 | 3.71 | 3.8 | 3.59 | 3.62 | 3.62 | 3.35 | 3.21 | 2.99 | 2.87 | 2.84 | |
| 2 | 1.19 | 1.39 | 1.77 | 1.68 | 1.91 | 2.01 | 2.24 | 2.25 | 2.52 | 2.98 | 2.89 | 2.67 | 2.88 | 3.46 | 3.61 | 3.98 | 4.4 | 4.04 | 4.62 | 4.65 | 4.4 | 4.39 | 4.22 | 3.84 | 3.58 | 3.48 | 3.26 | 3.02 | |
| 1 | 2.22 | 2.83 | 3.61 | 4.03 | 4.61 | 5.09 | 5.79 | 5.85 | 5.93 | 6.45 | 5.84 | 4.6 | 4.15 | 3.87 | 3.58 | 3.78 | 3.97 | 4.24 | 5.14 | 5.05 | 5.12 | 5.1 | 4.73 | 3.7 | 3.81 | 3.65 | 3.45 | 3.27 | |
| | | | | | | | | | | 10 | | | | | | | | | | | 20 | | | | | | | | |

illuminance [lx]



Part1

| | | |
|---------------------|-----------|--------------------|
| Average illuminance | Em | : 1.83 lx |
| Minimum illuminance | Emin | : 0.12 lx |
| Maximum illuminance | Emax | : 6.45 lx |
| Uniformity Uo | Emin/Em | : 1 : 14.63 (0.07) |
| Diversity Ud | Emin/Emax | : 1 : 51.63 (0.02) |

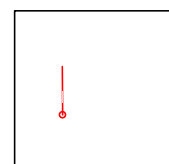
Object : Campus West MSCP
 Installation : As Built - Vertical Spill lighting calcs
 Project number :
 Date : 13.10.2022



1.1 Calculation results, Exterior 1

1.1.12 Table, West Boundary (E)

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|----|
| 2.2 | 2.02 | 1.91 | 2.04 | 2.02 | 2.02 | 1.98 | 2.34 | 2.36 | 2.33 | 2.19 | 2.23 | 2.31 | 2.28 | 2.29 | 2.17 | 2.15 | 1.91 | 2.11 | 2.17 | 2.16 | 2.37 | 2.42 | 2.43 | 2.39 | 2.36 | 2.3 | 2.08 | 2.01 | 1.82 | | | | | | |
| 2.61 | 2.35 | 2.22 | 2.36 | 2.34 | 2.14 | 2.1 | 2.6 | 2.55 | 2.51 | 2.56 | 2.49 | 2.58 | 2.52 | 2.48 | 2.36 | 2.26 | 2.01 | 2.31 | 2.4 | 2.36 | 2.45 | 2.48 | 2.47 | 2.4 | 2.36 | 2.28 | 2.11 | 1.91 | 1.84 | | | | | | |
| 2.75 | 2.36 | 2.32 | 2.51 | 2.46 | 2.27 | 2.24 | 2.74 | 2.69 | 2.54 | 2.6 | 2.59 | 2.63 | 2.68 | 2.65 | 2.53 | 2.44 | 2.13 | 2.39 | 2.5 | 2.52 | 2.66 | 2.69 | 2.67 | 2.45 | 2.51 | 2.43 | 2.21 | 2.04 | 1.96 | | | | | | |
| 2.88 | 2.46 | 2.51 | 2.66 | 2.65 | 2.33 | 2.44 | 2.87 | 2.82 | 2.63 | 2.74 | 2.69 | 2.7 | 2.75 | 2.75 | 2.69 | 2.61 | 2.45 | 2.49 | 2.64 | 2.52 | 2.68 | 2.77 | 2.75 | 2.49 | 2.59 | 2.45 | 2.24 | 2.04 | 2.02 | | | | | | |
| 2.87 | 2.41 | 2.46 | 2.54 | 2.58 | 2.36 | 2.42 | 2.61 | 2.77 | 2.59 | 2.7 | 2.66 | 2.69 | 2.68 | 2.74 | 2.68 | 2.66 | 2.38 | 2.45 | 2.6 | 2.55 | 2.68 | 2.82 | 2.82 | 2.47 | 2.58 | 2.44 | 2.29 | 2.1 | 2.02 | | | | | | |
| 2.69 | 2.41 | 2.47 | 2.61 | 2.62 | 2.37 | 2.58 | 2.64 | 2.8 | 2.6 | 2.72 | 2.6 | 2.6 | 2.56 | 2.67 | 2.65 | 2.72 | 2.4 | 2.53 | 2.55 | 2.51 | 2.53 | 2.72 | 2.73 | 2.31 | 2.44 | 2.3 | 2.37 | 1.74 | 2.04 | | | | | | |
| 2.51 | 2.18 | 2.27 | 2.28 | 2.33 | 2.21 | 2.35 | 2.58 | 2.53 | 2.38 | 2.46 | 2.38 | 2.3 | 2.44 | 2.61 | 2.58 | 2.63 | 2.48 | 2.67 | 2.57 | 2.56 | 2.53 | 2.53 | 2.48 | 2.21 | 2.03 | 2.03 | 1.93 | 1.58 | 1.59 | | | | | | |
| 2.8 | 2.59 | 2.63 | 2.68 | 2.37 | 2.5 | 2.42 | 2.67 | 2.66 | 2.54 | 2.65 | 2.54 | 2.57 | 2.75 | 3.12 | 3.28 | 3.43 | 3.42 | 3.62 | 3.55 | 3.37 | 3.21 | 3.02 | 2.72 | 2.35 | 2.22 | 2.04 | 1.81 | 1.67 | 1.49 | | | | | | |
| 3.34 | 3.28 | 3.08 | 3.14 | 2.54 | 2.84 | 2.76 | 2.91 | 3.15 | 3.04 | 2.86 | 3.02 | 3.21 | 3.15 | 3.73 | 3.91 | 3.67 | 3.81 | 4.33 | 3.93 | 3.61 | 3.52 | 3.27 | 2.84 | 2.56 | 2.18 | 2.18 | 1.94 | 1.83 | 1.7 | | | | | | |
| 3.29 | 3.06 | 2.66 | 2.85 | 2.91 | 2.8 | 2.87 | 2.97 | 3.36 | 3.3 | 2.69 | 3.51 | 3.81 | 3.83 | 4.29 | 4.35 | 3.86 | 4.24 | 5.1 | 4.33 | 4.05 | 4.18 | 4.16 | 3.72 | 3.42 | 2.54 | 2.87 | 2.71 | 2.22 | 2.52 | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | 30 | | | | | | | | | | | | 40 | | | | | | | | | | | | 50 |



Part2

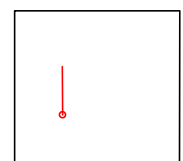
Object : Campus West MSCP
 Installation : As Built - Vertical Spill lighting calcs
 Project number :
 Date : 13.10.2022



1.1 Calculation results, Exterior 1

1.1.12 Table, West Boundary (E)

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| 1.94 | 1.88 | 1.83 | 1.88 | 1.83 | 1.78 | 1.77 | 1.61 | 1.57 | 1.53 | 1.55 | 1.75 | 1.72 | 1.56 | 1.65 | 1.41 | 1.5 | 1.37 | 1.51 | 1.35 | 1.36 | 1.39 | 1.33 | 1.35 | 1.36 | 1.25 | 1.17 | 1.16 | 1.1 | |
| 1.99 | 1.9 | 1.85 | 1.86 | 1.84 | 1.74 | 1.73 | 1.61 | 1.6 | 1.49 | 1.56 | 1.84 | 1.84 | 1.66 | 1.75 | 1.49 | 1.6 | 1.46 | 1.62 | 1.44 | 1.45 | 1.38 | 1.41 | 1.35 | 1.35 | 1.25 | 1.16 | 1.14 | 1.08 | |
| 2.01 | 1.99 | 1.95 | 1.95 | 1.92 | 1.82 | 1.89 | 1.42 | 1.37 | 1.15 | 1.27 | 1.75 | 1.59 | 1.39 | 1.58 | 1.38 | 1.51 | 1.38 | 1.57 | 1.35 | 1.44 | 1.44 | 1.39 | 1.33 | 1.35 | 1.24 | 1.17 | 1.14 | 1.07 | |
| 2.05 | 1.98 | 1.94 | 1.94 | 1.9 | 1.82 | 1.89 | 1.58 | 1.65 | 1.36 | 1.55 | 1.54 | 1.41 | 1.3 | 1.61 | 1.3 | 1.49 | 1.39 | 1.62 | 1.4 | 1.48 | 1.46 | 1.42 | 1.35 | 1.36 | 1.26 | 1.19 | 1.15 | 1.11 | |
| 2.06 | 2.06 | 2.02 | 2.06 | 1.98 | 1.83 | 1.98 | 1.64 | 1.75 | 1.44 | 1.59 | 1.54 | 1.39 | 1.27 | 1.58 | 1.25 | 1.5 | 1.34 | 1.58 | 1.35 | 1.46 | 1.43 | 1.4 | 1.33 | 1.34 | 1.23 | 1.16 | 1.13 | 1.08 | |
| 1.82 | 2.01 | 1.77 | 2.01 | 1.8 | 1.66 | 1.99 | 1.68 | 1.85 | 1.53 | 1.61 | 1.55 | 1.39 | 1.27 | 1.56 | 1.22 | 1.49 | 1.32 | 1.34 | 1.3 | 1.37 | 1.43 | 1.44 | 1.38 | 1.36 | 1.26 | 1.15 | 1.11 | 1.04 | |
| 1.52 | 1.56 | 1.46 | 1.53 | 1.51 | 1.43 | 1.67 | 1.95 | 1.8 | 1.51 | 1.58 | 1.73 | 1.45 | 1.32 | 1.54 | 1.26 | 1.63 | 1.51 | 1.53 | 1.8 | 1.61 | 1.69 | 1.52 | 1.49 | 1.46 | 1.28 | 1.16 | 1.07 | 1.07 | |
| 1.47 | 1.46 | 1.44 | 1.4 | 1.62 | 1.42 | 1.57 | 1.8 | 1.7 | 1.64 | 1.7 | 1.85 | 1.59 | 1.55 | 1.84 | 1.59 | 2.15 | 2.39 | 2.29 | 2.68 | 2.49 | 2.54 | 2.22 | 2.08 | 1.86 | 1.59 | 1.43 | 1.29 | 1.22 | |
| 1.48 | 1.54 | 1.49 | 1.4 | 1.92 | 1.74 | 1.84 | 2.15 | 2.09 | 2 | 2.01 | 2.06 | 1.74 | 1.74 | 2.02 | 1.98 | 2.44 | 2.71 | 2.66 | 3.11 | 2.95 | 3.03 | 2.69 | 2.55 | 2.43 | 2.12 | 1.77 | 1.54 | 1.43 | |
| 2.01 | 2.35 | 2.17 | 2.02 | 2.76 | 2.16 | 2.58 | 2.26 | 2.62 | 2.39 | 2.31 | 2.26 | 2.07 | 1.74 | 2.21 | 2.77 | 3 | 3.24 | 3.12 | 3.63 | 3.55 | 3.67 | 3.7 | 3.72 | 4.06 | 4.02 | 3.75 | 3.58 | 3.41 | |
| | 60 | | | | | | | | | | 70 | | | | | | | | | | | | 80 | | | | | | |



Part3

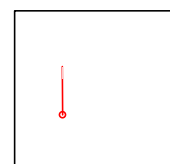
Object : Campus West MSCP
 Installation : As Built - Vertical Spill lighting calcs
 Project number :
 Date : 13.10.2022



1.1 Calculation results, Exterior 1

1.1.12 Table, West Boundary (E)

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------|------|--|--|--|-----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-----|-----|
| 1.07 | 1.03 | 1 | 1.01 | 0.92 | 0.92 | 0.85 | 0.82 | 0.8 | 0.76 | 0.67 | 0.63 | 0.62 | 0.59 | 0.61 | 0.59 | 0.54 | 0.51 | 0.49 | 0.46 | 0.45 | 0.44 | 0.43 | 0.42 | 0.39 | 0.37 | 0.34 | 0.31 | 0.29 | 0.29 | | | | | | | | | | | | | | | | | | | | | | |
| 1.07 | 1.01 | 0.97 | 0.99 | 0.88 | 0.88 | 0.79 | 0.78 | 0.77 | 0.74 | 0.65 | 0.61 | 0.6 | 0.58 | 0.59 | 0.58 | 0.53 | 0.5 | 0.47 | 0.45 | 0.45 | 0.43 | 0.41 | 0.4 | 0.38 | 0.37 | 0.34 | 0.31 | 0.29 | 0.27 | | | | | | | | | | | | | | | | | | | | | | |
| 1.05 | 0.98 | 0.96 | 0.98 | 0.88 | 0.86 | 0.77 | 0.76 | 0.75 | 0.71 | 0.63 | 0.59 | 0.58 | 0.56 | 0.58 | 0.57 | 0.52 | 0.49 | 0.46 | 0.44 | 0.44 | 0.43 | 0.41 | 0.4 | 0.38 | 0.35 | 0.33 | 0.3 | 0.28 | 0.26 | | | | | | | | | | | | | | | | | | | | | | |
| 1.06 | 0.97 | 0.94 | 0.96 | 0.87 | 0.85 | 0.76 | 0.75 | 0.74 | 0.7 | 0.62 | 0.58 | 0.57 | 0.56 | 0.57 | 0.56 | 0.52 | 0.48 | 0.45 | 0.43 | 0.43 | 0.42 | 0.4 | 0.38 | 0.35 | 0.34 | 0.31 | 0.28 | 0.27 | 0.25 | | | | | | | | | | | | | | | | | | | | | | |
| 1.03 | 0.96 | 0.94 | 0.93 | 0.84 | 0.82 | 0.74 | 0.71 | 0.7 | 0.66 | 0.6 | 0.57 | 0.54 | 0.52 | 0.53 | 0.53 | 0.48 | 0.44 | 0.42 | 0.39 | 0.39 | 0.39 | 0.36 | 0.36 | 0.32 | 0.3 | 0.28 | 0.27 | 0.25 | 0.23 | | | | | | | | | | | | | | | | | | | | | | |
| 0.98 | 0.91 | 0.89 | 0.86 | 0.76 | 0.71 | 0.65 | 0.6 | 0.6 | 0.56 | 0.51 | 0.48 | 0.46 | 0.44 | 0.44 | 0.45 | 0.4 | 0.38 | 0.36 | 0.34 | 0.33 | 0.32 | 0.31 | 0.29 | 0.27 | 0.26 | 0.24 | 0.22 | 0.21 | 0.2 | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 0.92 | 0.86 | 0.84 | 0.74 | 0.68 | 0.64 | 0.57 | 0.55 | 0.53 | 0.48 | 0.4 | 0.42 | 0.39 | 0.37 | 0.38 | 0.3 | 0.3 | 0.32 | 0.3 | 0.29 | 0.25 | 0.23 | 0.24 | 0.25 | 0.24 | 0.22 | 0.2 | 0.17 | 0.15 | | | | | | | | | | | | | | | | | | | | | | |
| 1.1 | 0.98 | 0.93 | 0.85 | 0.72 | 0.68 | 0.63 | 0.55 | 0.51 | 0.49 | 0.45 | 0.38 | 0.39 | 0.34 | 0.32 | 0.33 | 0.28 | 0.27 | 0.27 | 0.25 | 0.24 | 0.23 | 0.22 | 0.21 | 0.21 | 0.2 | 0.19 | 0.17 | 0.16 | 0.15 | | | | | | | | | | | | | | | | | | | | | | |
| 1.27 | 1.13 | 1.05 | 0.94 | 0.79 | 0.72 | 0.66 | 0.58 | 0.53 | 0.49 | 0.43 | 0.35 | 0.37 | 0.31 | 0.29 | 0.31 | 0.27 | 0.24 | 0.24 | 0.23 | 0.21 | 0.2 | 0.21 | 0.19 | 0.18 | 0.17 | 0.16 | 0.15 | 0.14 | 0.14 | | | | | | | | | | | | | | | | | | | | | | |
| 2.89 | 2.08 | 1.74 | 1.65 | 1.19 | 0.96 | 0.91 | 0.78 | 0.64 | 0.56 | 0.46 | 0.38 | 0.39 | 0.32 | 0.3 | 0.31 | 0.26 | 0.24 | 0.24 | 0.22 | 0.2 | 0.18 | 0.2 | 0.18 | 0.16 | 0.16 | 0.15 | 0.14 | (0.12) | 0.13 | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | 90 | | | | | | | | | | | | | | | | | 100 | | | | | | | | | | | | | | | | | 110 | [m] |



Part4