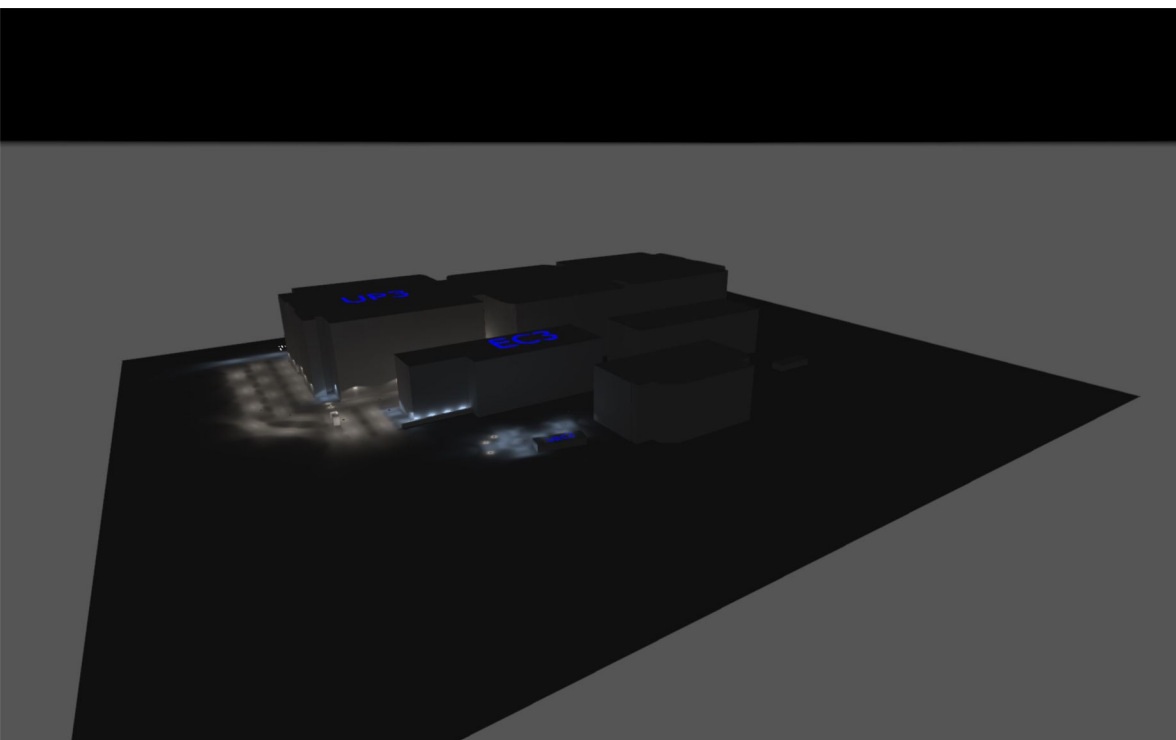




Project Union UP3 External Area

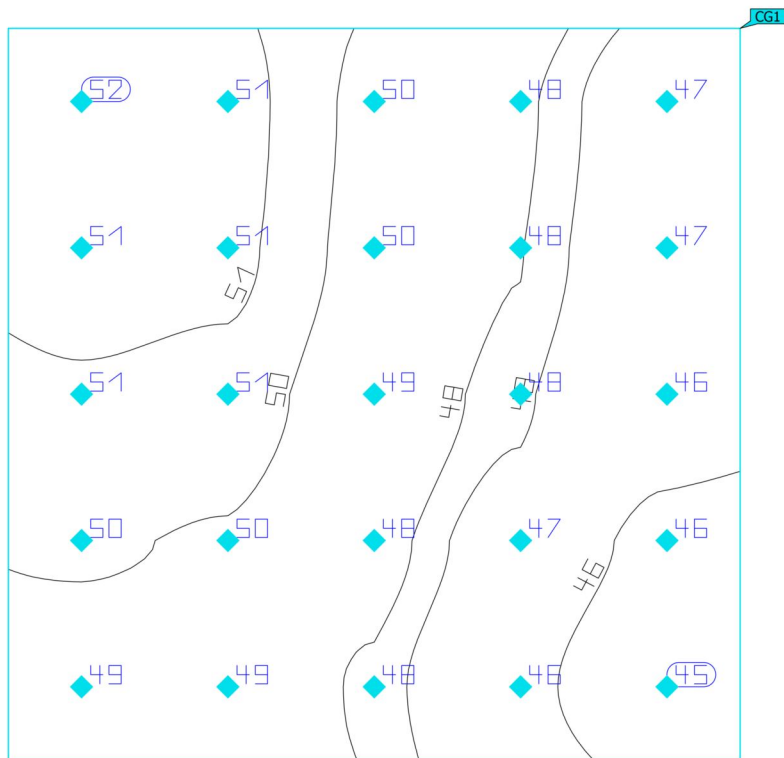
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## Union

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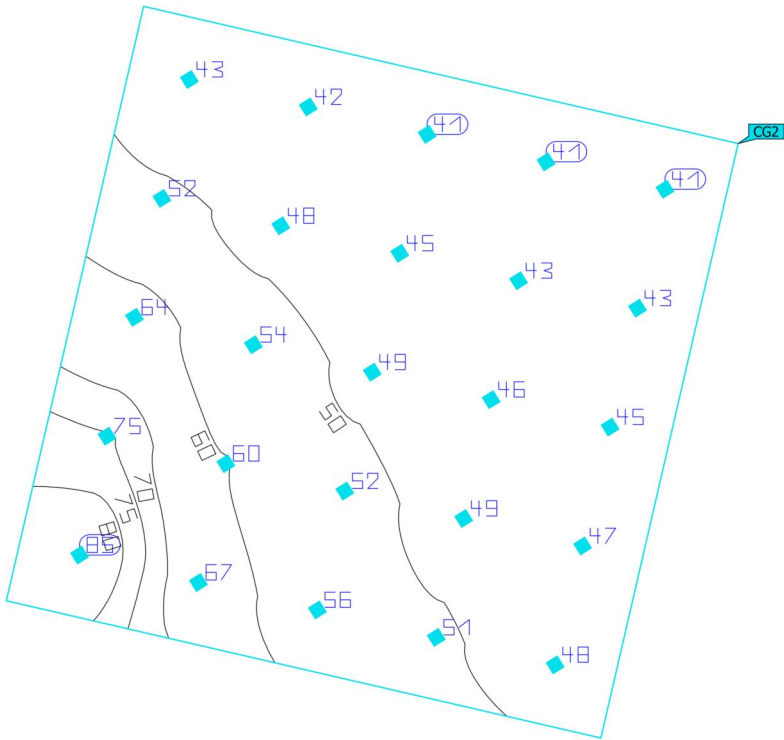
Union (Normal light scene)

**UP3 Pedestrian Entrance Gate**

| Properties                                                                   | $\bar{E}$ | $E_{min}$ | $E_{max}$ | $U_o (g_1)$ | $g_2$ | Index |
|------------------------------------------------------------------------------|-----------|-----------|-----------|-------------|-------|-------|
| UP3 Pedestrian Entrance Gate<br>Perpendicular illuminance<br>Height: 0.000 m | 48.7 lx   | 45.2 lx   | 51.5 lx   | 0.93        | 0.88  | CG1   |

Utilisation profile: DIALux presetting (5.1.4 Standard (outdoor transportation area))

Union (Normal light scene)  
VRC2 Pedestrian Entrance Path



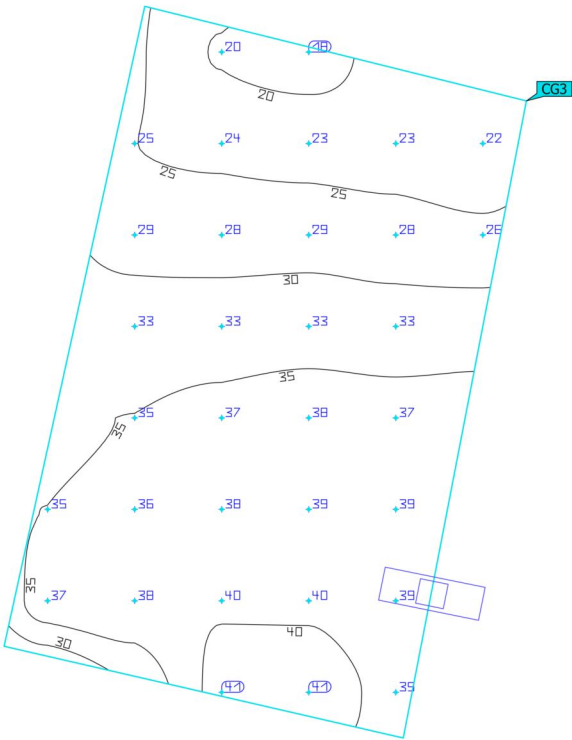
| Properties                                                                    | $\bar{E}$ | $E_{min}$ | $E_{max}$ | $U_o (g_1)$ | $g_2$ | Index |
|-------------------------------------------------------------------------------|-----------|-----------|-----------|-------------|-------|-------|
| VRC2 Pedestrian Entrance Path<br>Perpendicular illuminance<br>Height: 0.000 m | 51.5 lx   | 40.6 lx   | 85.3 lx   | 0.79        | 0.48  | CG2   |

Utilisation profile: DIALux presetting (5.1.4 Standard (outdoor transportation area))

Union (Normal light scene)  
VRC2 Vehicle Entrance



0



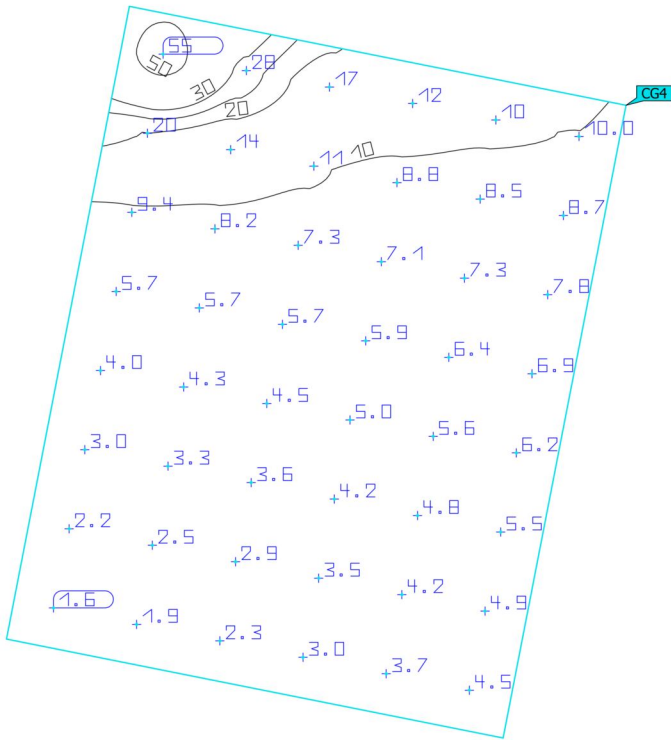
| Properties                                                         | $\bar{E}$ | $E_{min}$ | $E_{max}$ | $U_o (g_1)$ | $g_2$ | Index |
|--------------------------------------------------------------------|-----------|-----------|-----------|-------------|-------|-------|
| VRC2 Vehicle Entrance<br>Horizontal illuminance<br>Height: 0.000 m | 32.6 lx   | 18.3 lx   | 41.2 lx   | 0.56        | 0.44  | CG3   |

Utilisation profile: DIALux presetting (5.1.4 Standard (outdoor transportation area))

Union (Normal light scene)  
VRC2 Bike Shed



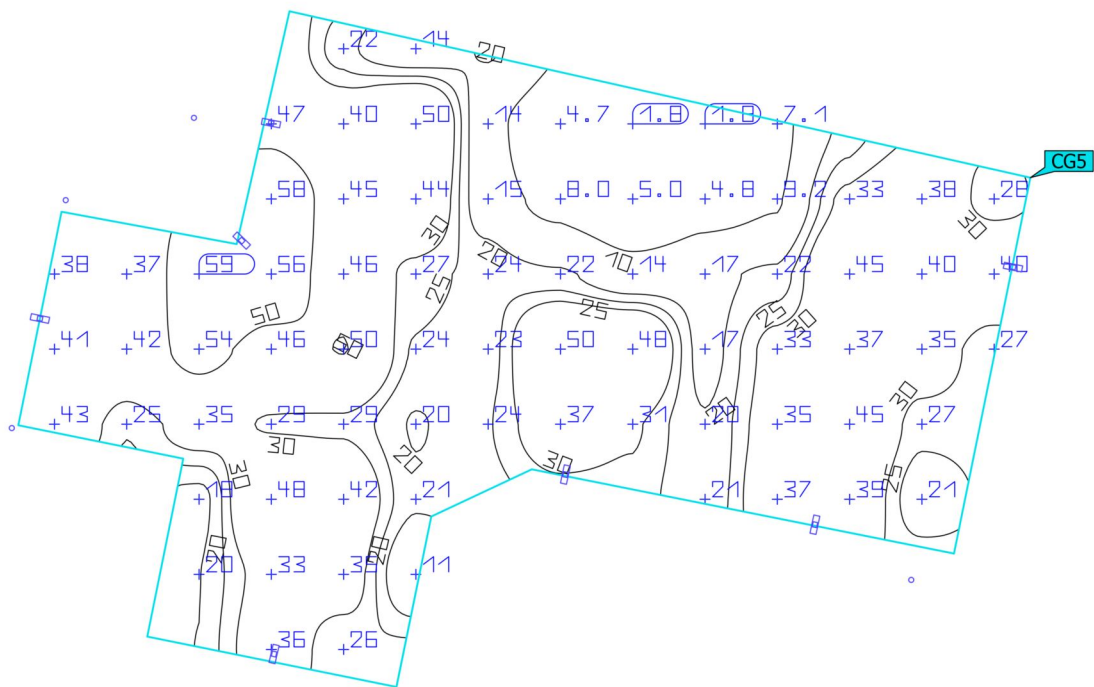
0



| Properties                                                     | $\bar{E}$ | $E_{min}$ | $E_{max}$ | $U_o (g_1)$ | $g_2$ | Index |
|----------------------------------------------------------------|-----------|-----------|-----------|-------------|-------|-------|
| VRC2 Bike Shed<br>Perpendicular illuminance<br>Height: 0.000 m | 7.87 lx   | 1.57 lx   | 55.3 lx   | 0.20        | 0.028 | CG4   |

Utilisation profile: DIALux presetting (5.1.4 Standard (outdoor transportation area))

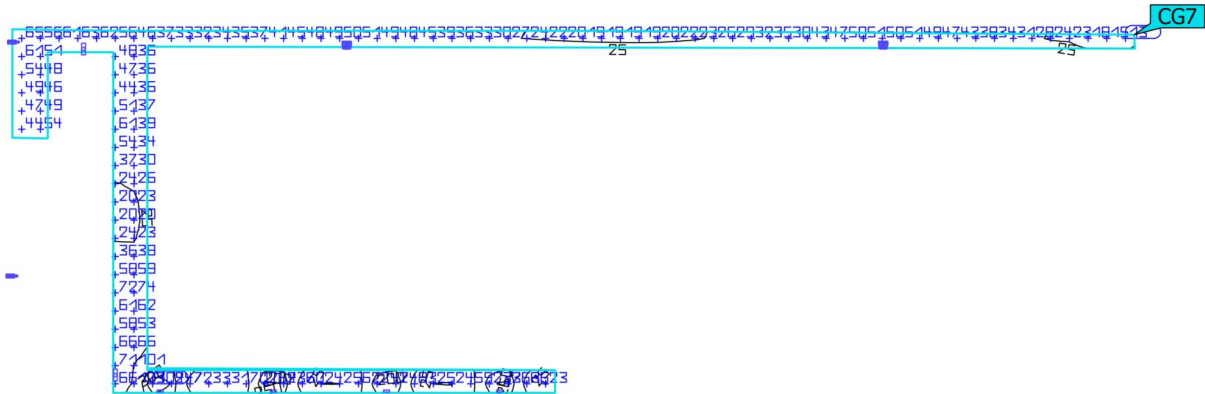
Union (Normal light scene)  
VRC2 Car park



| Properties                                                    | $\bar{E}$ | $E_{min}$ | $E_{max}$ | $U_o (g_1)$ | $g_2$ | Index |
|---------------------------------------------------------------|-----------|-----------|-----------|-------------|-------|-------|
| VRC2 Car park<br>Perpendicular illuminance<br>Height: 0.000 m | 30.4 lx   | 1.81 lx   | 59.5 lx   | 0.060       | 0.030 | CG5   |

Utilisation profile: DIALux presetting (5.1.4 Standard (outdoor transportation area))

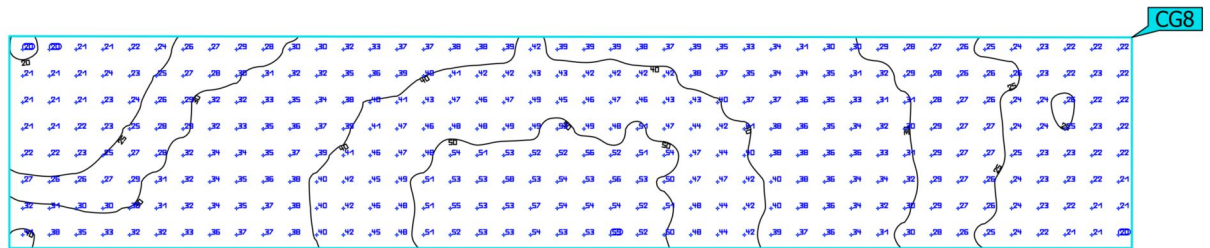
Union (Normal light scene)  
EC3 Main Path



| Properties                | $\bar{E}$ | $E_{min}$ | $E_{max}$ | $U_o (g_1)$ | $g_2$ | Index |
|---------------------------|-----------|-----------|-----------|-------------|-------|-------|
| EC3 Main Path             | 55.6 lx   | 13.3 lx   | 304 lx    | 0.24        | 0.044 | CG7   |
| Perpendicular illuminance |           |           |           |             |       |       |
| Height: 0.000 m           |           |           |           |             |       |       |

Utilisation profile: DIALux presetting (5.1.4 Standard (outdoor transportation area))

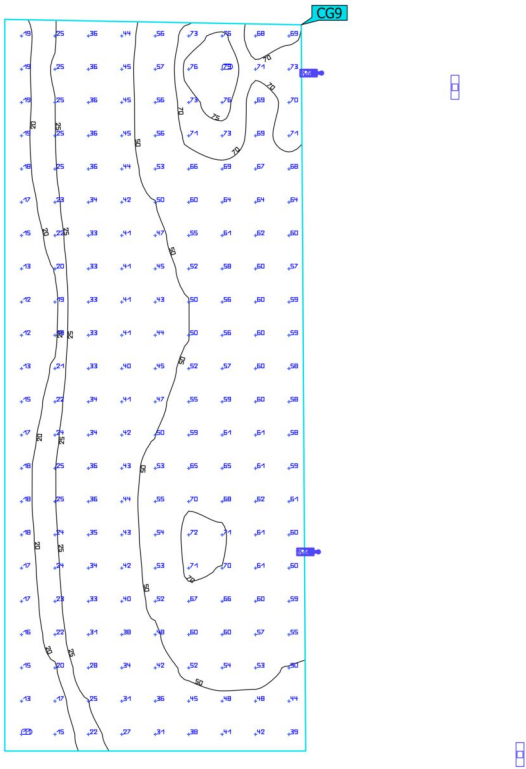
Union (Normal light scene)

**EC3 Car Park**

| Properties                | $\bar{E}$ | $E_{min}$ | $E_{max}$ | $U_o (g_1)$ | $g_2$ | Index |
|---------------------------|-----------|-----------|-----------|-------------|-------|-------|
| EC3 Car Park              | 35.5 lx   | 19.6 lx   | 59.1 lx   | 0.55        | 0.33  | CG8   |
| Perpendicular illuminance |           |           |           |             |       |       |
| Height: 0.000 m           |           |           |           |             |       |       |

Utilisation profile: DIALux presetting (5.1.4 Standard (outdoor transportation area))

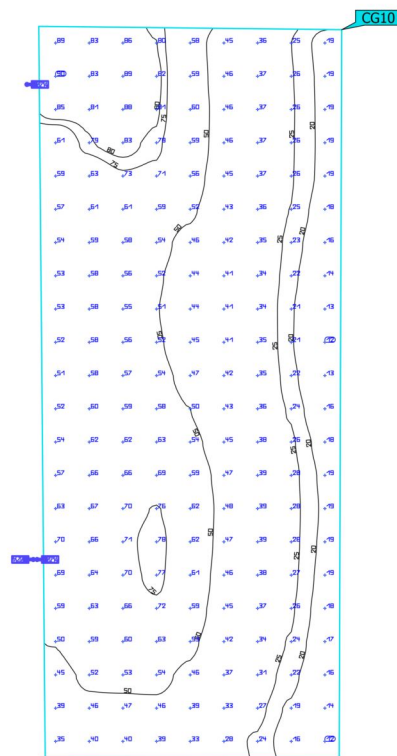
Union (Normal light scene)  
**UP3 Vehicle Exit**



| Properties                                                       | $\bar{E}$ | $E_{min}$ | $E_{max}$ | $U_o (g_1)$ | $g_2$ | Index |
|------------------------------------------------------------------|-----------|-----------|-----------|-------------|-------|-------|
| UP3 Vehicle Exit<br>Perpendicular illuminance<br>Height: 0.000 m | 44.9 lx   | 11.1 lx   | 79.4 lx   | 0.25        | 0.14  | CG9   |

Utilisation profile: DIALux presetting (5.1.4 Standard (outdoor transportation area))

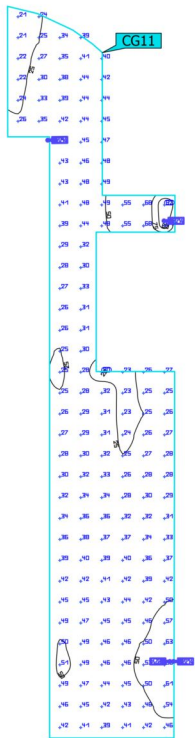
Union (Normal light scene)

**UP3 Vehicle Entrance**

| Properties                                                           | $\bar{E}$ | $E_{min}$ | $E_{max}$ | $U_o (g_1)$ | $g_2$ | Index |
|----------------------------------------------------------------------|-----------|-----------|-----------|-------------|-------|-------|
| UP3 Vehicle Entrance<br>Perpendicular illuminance<br>Height: 0.000 m | 46.9 lx   | 11.8 lx   | 89.6 lx   | 0.25        | 0.13  | CG10  |

Utilisation profile: DIALux presetting (5.1.4 Standard (outdoor transportation area))

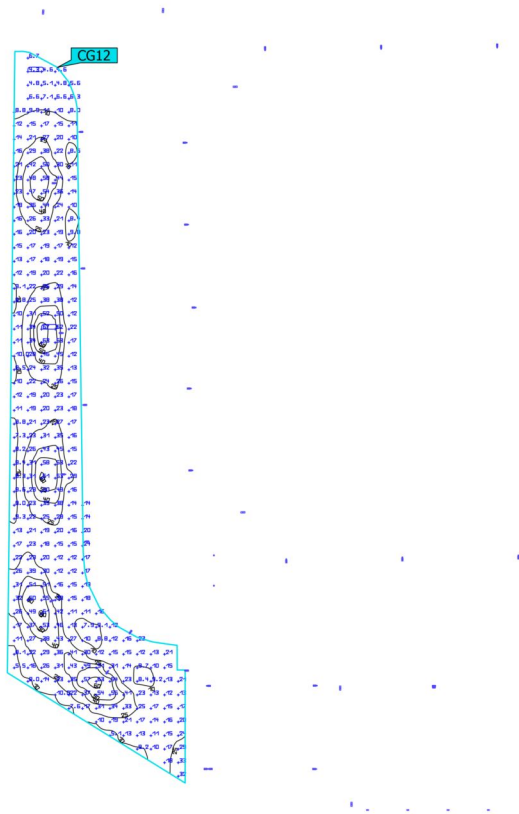
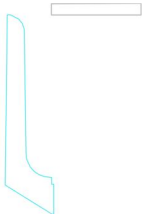
Union (Normal light scene)  
**UP3 South Path**



| Properties                                                     | $\bar{E}$ | $E_{min}$ | $E_{max}$ | $U_o (g_1)$ | $g_2$ | Index |
|----------------------------------------------------------------|-----------|-----------|-----------|-------------|-------|-------|
| UP3 South Path<br>Perpendicular illuminance<br>Height: 0.000 m | 38.2 lx   | 19.9 lx   | 82.3 lx   | 0.52        | 0.24  | CG11  |

Utilisation profile: DIALux presetting (5.1.4 Standard (outdoor transportation area))

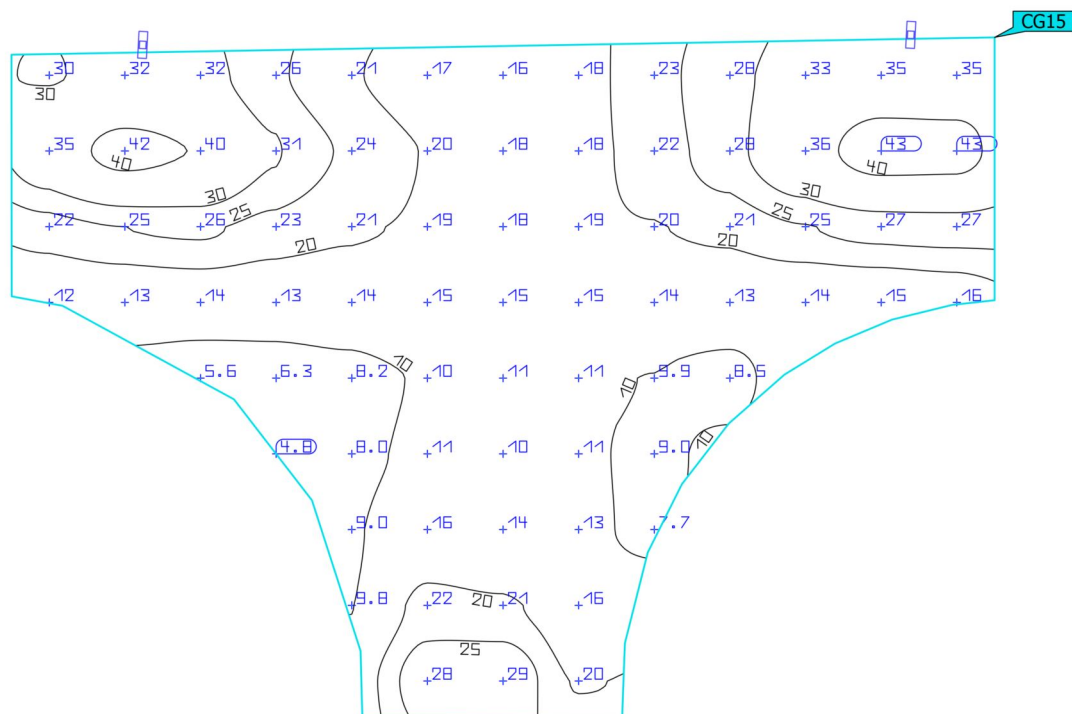
Union (Normal light scene)  
**UP3 Perimeter W**



| Properties                                                      | $\bar{E}$ | $E_{min}$ | $E_{max}$ | $U_o (g_1)$ | $g_2$ | Index |
|-----------------------------------------------------------------|-----------|-----------|-----------|-------------|-------|-------|
| UP3 Perimeter W<br>Perpendicular illuminance<br>Height: 0.000 m | 23.1 lx   | 4.30 lx   | 66.7 lx   | 0.19        | 0.064 | CG12  |

Utilisation profile: DIALux presetting (5.1.4 Standard (outdoor transportation area))

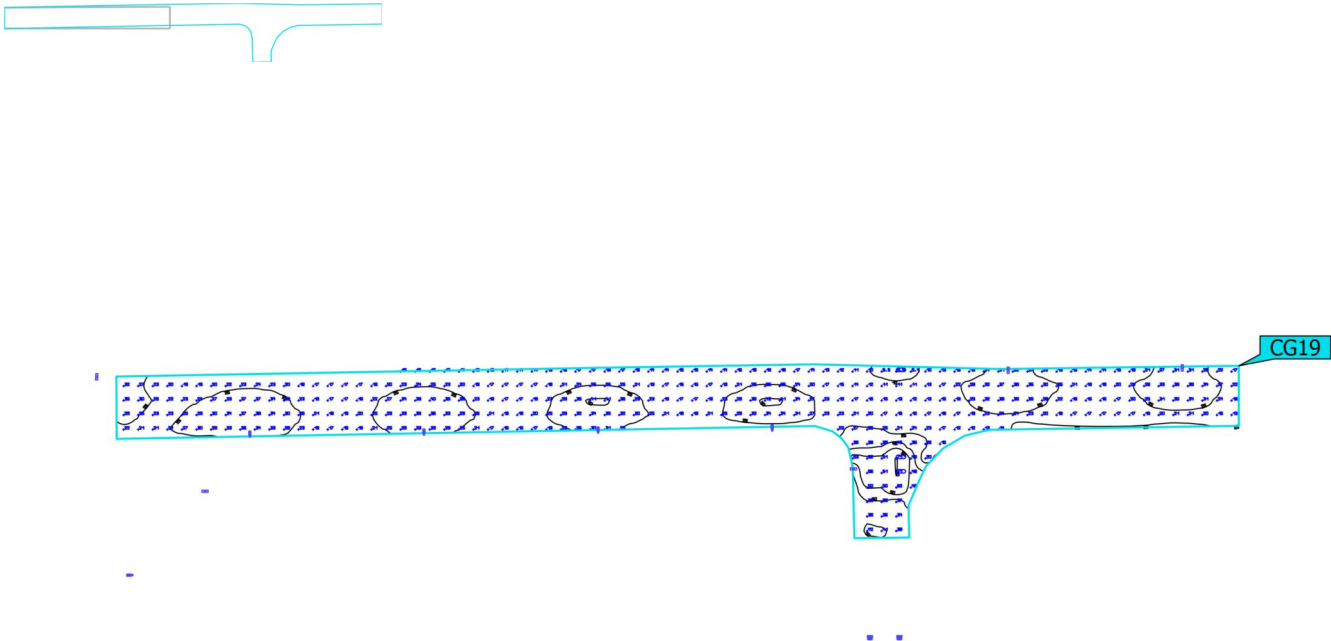
Union (Normal light scene)

**UP3 Turning**

| Properties                                                  | $\bar{E}$ | $E_{\min}$ | $E_{\max}$ | $U_o (g_1)$ | $g_2$ | Index |
|-------------------------------------------------------------|-----------|------------|------------|-------------|-------|-------|
| UP3 Turning<br>Perpendicular illuminance<br>Height: 0.000 m | 19.9 lx   | 4.79 lx    | 43.1 lx    | 0.24        | 0.11  | CG15  |

Utilisation profile: DIALux presetting (5.1.4 Standard (outdoor transportation area))

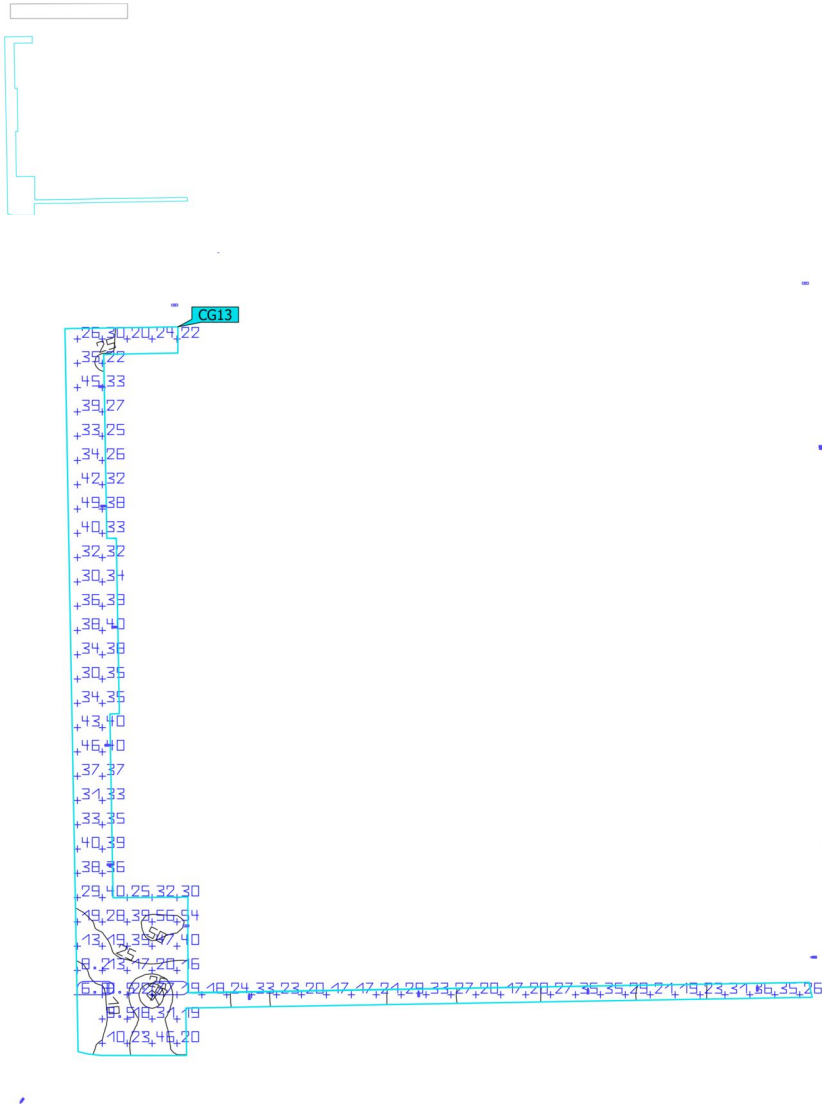
Union (Normal light scene)  
**UP3 Road North**



| Properties                                                     | $\bar{E}$ | $E_{min}$ | $E_{max}$ | $U_o (g_1)$ | $g_2$ | Index |
|----------------------------------------------------------------|-----------|-----------|-----------|-------------|-------|-------|
| UP3 Road North<br>Perpendicular illuminance<br>Height: 0.000 m | 24.5 lx   | 8.88 lx   | 71.0 lx   | 0.36        | 0.13  | CG19  |

Utilisation profile: DIALux presetting (5.1.4 Standard (outdoor transportation area))

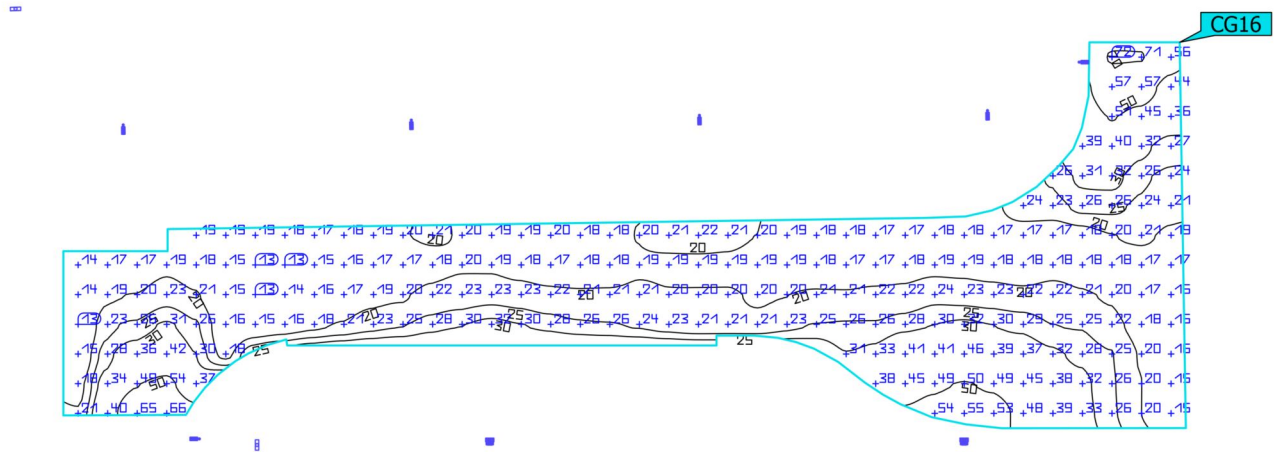
Union (Normal light scene)

**UP3 Main Path**

| Properties                | $\bar{E}$ | $E_{min}$ | $E_{max}$ | $U_o (g_1)$ | $g_2$ | Index |
|---------------------------|-----------|-----------|-----------|-------------|-------|-------|
| UP3 Main Path             | 30.1 lx   | 6.76 lx   | 76.6 lx   | 0.22        | 0.088 | CG13  |
| Perpendicular illuminance |           |           |           |             |       |       |
| Height: 0.000 m           |           |           |           |             |       |       |

Utilisation profile: DIALux presetting (5.1.4 Standard (outdoor transportation area))

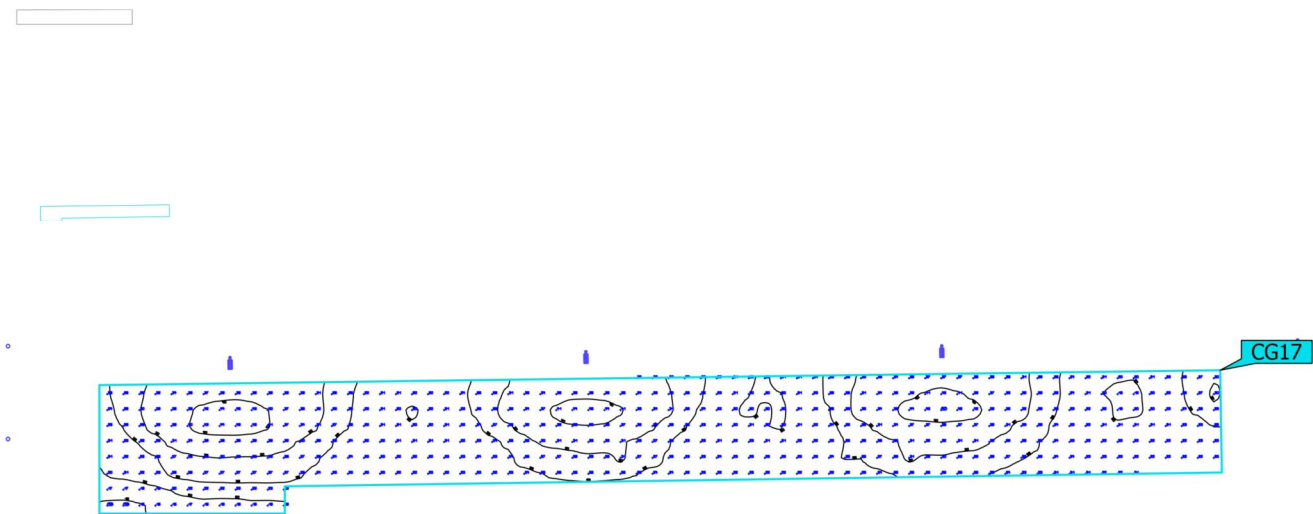
Union (Normal light scene)

**UP3 Road S**

| Properties                                                 | $\bar{E}$ | $E_{min}$ | $E_{max}$ | $U_o (g_1)$ | $g_2$ | Index |
|------------------------------------------------------------|-----------|-----------|-----------|-------------|-------|-------|
| UP3 Road S<br>Perpendicular illuminance<br>Height: 0.000 m | 25.5 lx   | 12.8 lx   | 71.5 lx   | 0.50        | 0.18  | CG16  |

Utilisation profile: DIALux presetting (5.1.4 Standard (outdoor transportation area))

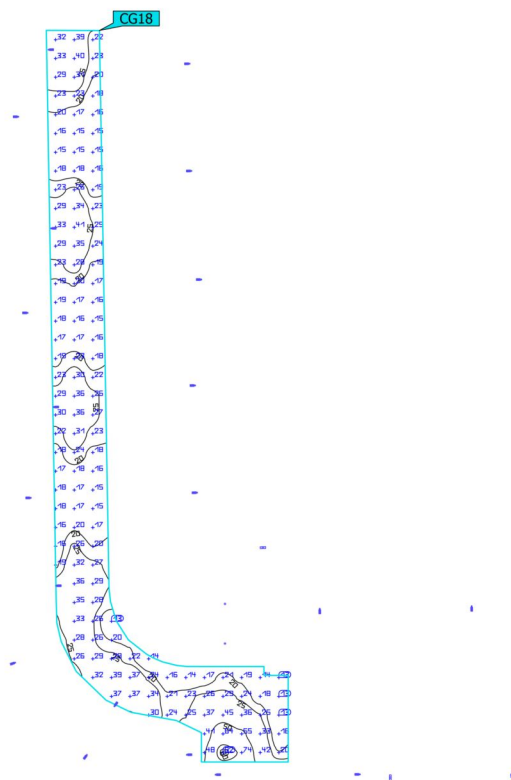
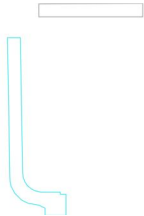
Union (Normal light scene)  
**UP3 Car Park**



| Properties                                                   | $\bar{E}$ | $E_{min}$ | $E_{max}$ | $U_o (g_1)$ | $g_2$ | Index |
|--------------------------------------------------------------|-----------|-----------|-----------|-------------|-------|-------|
| UP3 Car Park<br>Perpendicular illuminance<br>Height: 0.000 m | 27.0 lx   | 14.2 lx   | 46.7 lx   | 0.53        | 0.30  | CG17  |

Utilisation profile: DIALux presetting (5.1.4 Standard (outdoor transportation area))

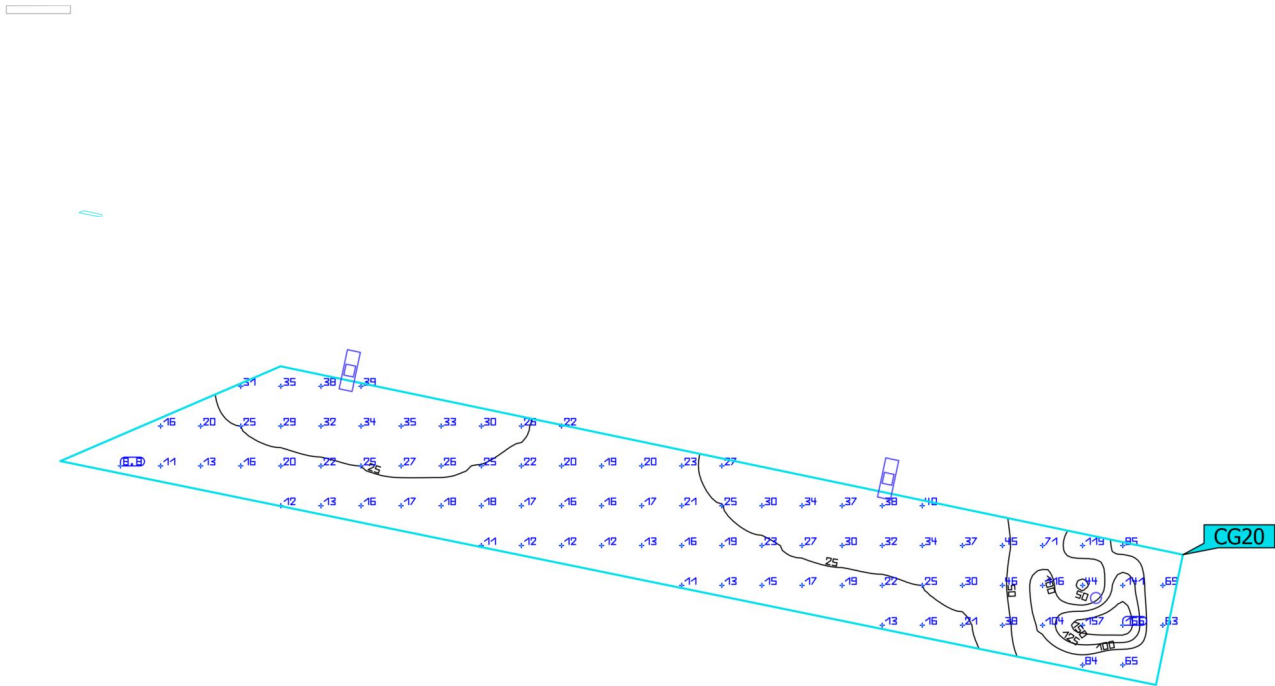
Union (Normal light scene)

**UP3 Road W**

| Properties                                                 | $\bar{E}$ | $E_{min}$ | $E_{max}$ | $U_o (g_1)$ | $g_2$ | Index |
|------------------------------------------------------------|-----------|-----------|-----------|-------------|-------|-------|
| UP3 Road W<br>Perpendicular illuminance<br>Height: 0.000 m | 25.2 lx   | 13.3 lx   | 81.9 lx   | 0.53        | 0.16  | CG18  |

Utilisation profile: DIALux presetting (5.1.4 Standard (outdoor transportation area))

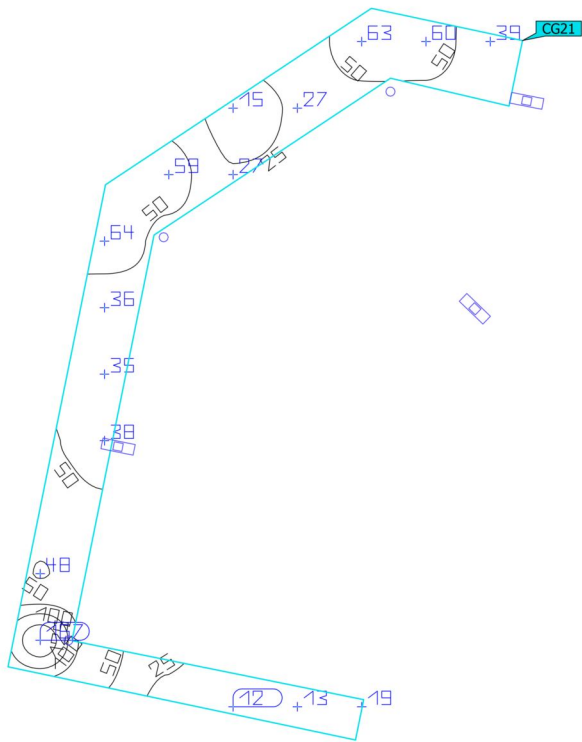
Union (Normal light scene)  
VRC2 Main path



| Properties                | $\bar{E}$ | $E_{min}$ | $E_{max}$ | $U_o (g_1)$ | $g_2$ | Index |
|---------------------------|-----------|-----------|-----------|-------------|-------|-------|
| VRC2 Main path            | 34.7 lx   | 8.76 lx   | 166 lx    | 0.25        | 0.053 | CG20  |
| Perpendicular illuminance |           |           |           |             |       |       |
| Height: 0.000 m           |           |           |           |             |       |       |

Utilisation profile: DIALux presetting (5.1.4 Standard (outdoor transportation area))

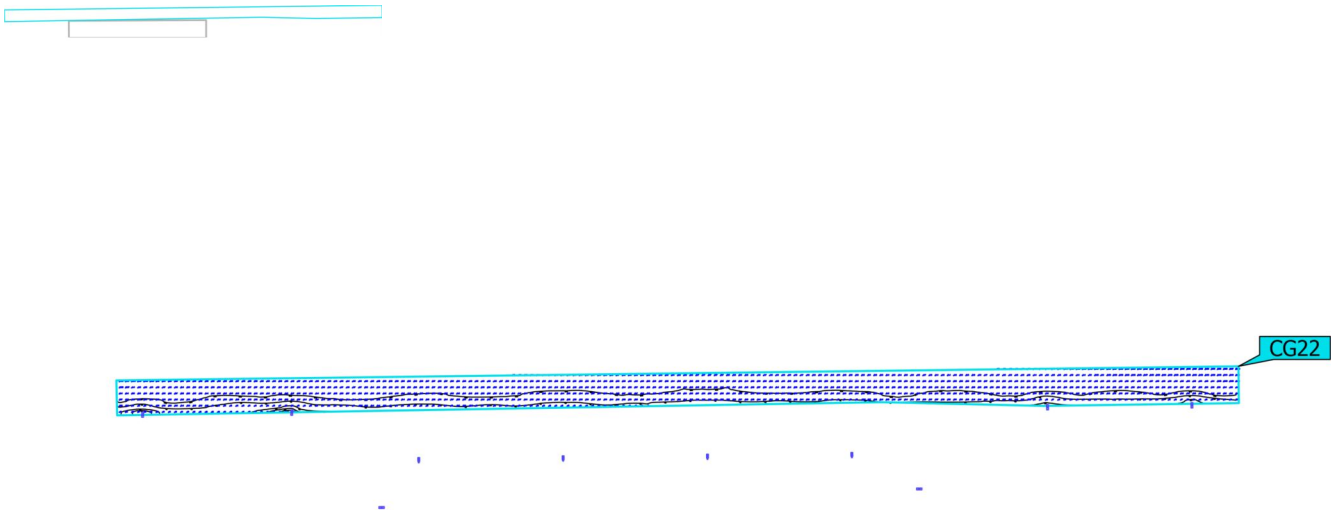
Union (Normal light scene)  
VRC2 Path West



| Properties                                                     | $\bar{E}$ | $E_{min}$ | $E_{max}$ | $U_o (g_1)$ | $g_2$ | Index |
|----------------------------------------------------------------|-----------|-----------|-----------|-------------|-------|-------|
| VRC2 Path West<br>Perpendicular illuminance<br>Height: 0.000 m | 45.1 lx   | 12.3 lx   | 167 lx    | 0.27        | 0.074 | CG21  |

Utilisation profile: DIALux presetting (5.1.4 Standard (outdoor transportation area))

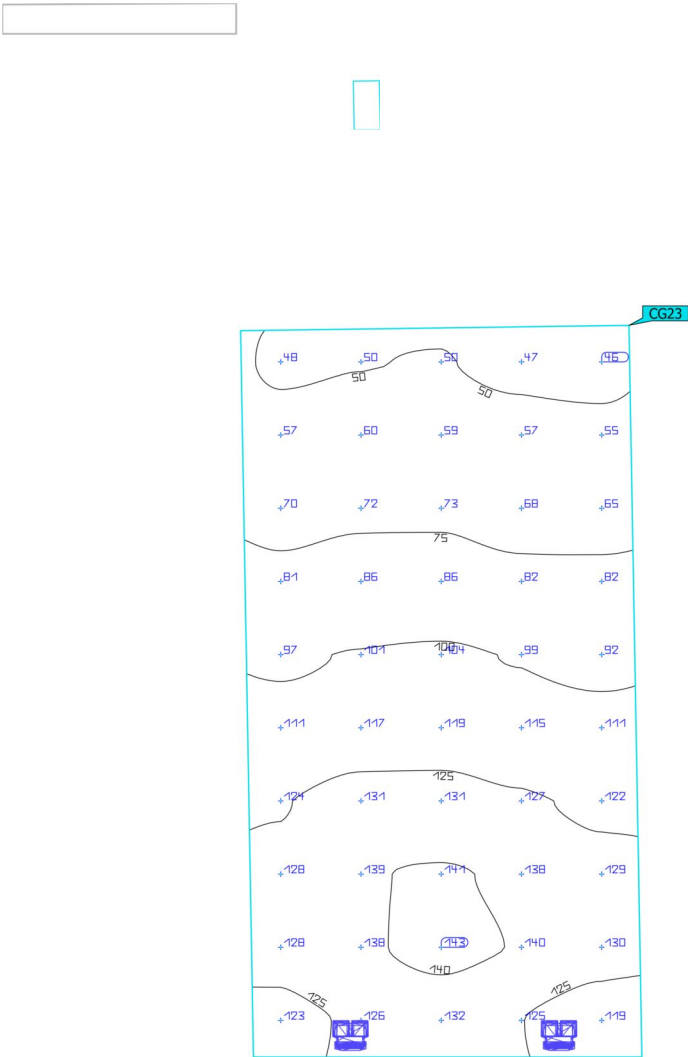
Union (Normal light scene)  
**Network Rail Boundary**



| Properties                                                            | $\bar{E}$ | $E_{min}$ | $E_{max}$ | $U_o (g_1)$ | $g_2$ | Index |
|-----------------------------------------------------------------------|-----------|-----------|-----------|-------------|-------|-------|
| Network Rail Boundary<br>Perpendicular illuminance<br>Height: 0.000 m | 5.30 lx   | 0.24 lx   | 33.2 lx   | 0.045       | 0.007 | CG22  |

Utilisation profile: DIALux presetting (5.1.4 Standard (outdoor transportation area))

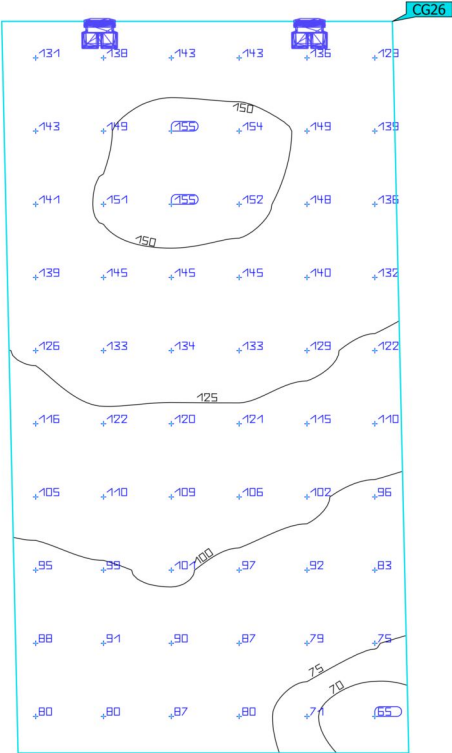
Union (Normal light scene)  
**UP3 Delivery N**



| Properties                                                     | $\bar{E}$ | $E_{min}$ | $E_{max}$ | $U_o (g_1)$ | $g_2$ | Index |
|----------------------------------------------------------------|-----------|-----------|-----------|-------------|-------|-------|
| UP3 Delivery N<br>Perpendicular illuminance<br>Height: 0.000 m | 99.5 lx   | 45.7 lx   | 143 lx    | 0.46        | 0.32  | CG23  |

Utilisation profile: DIALux presetting (5.1.4 Standard (outdoor transportation area))

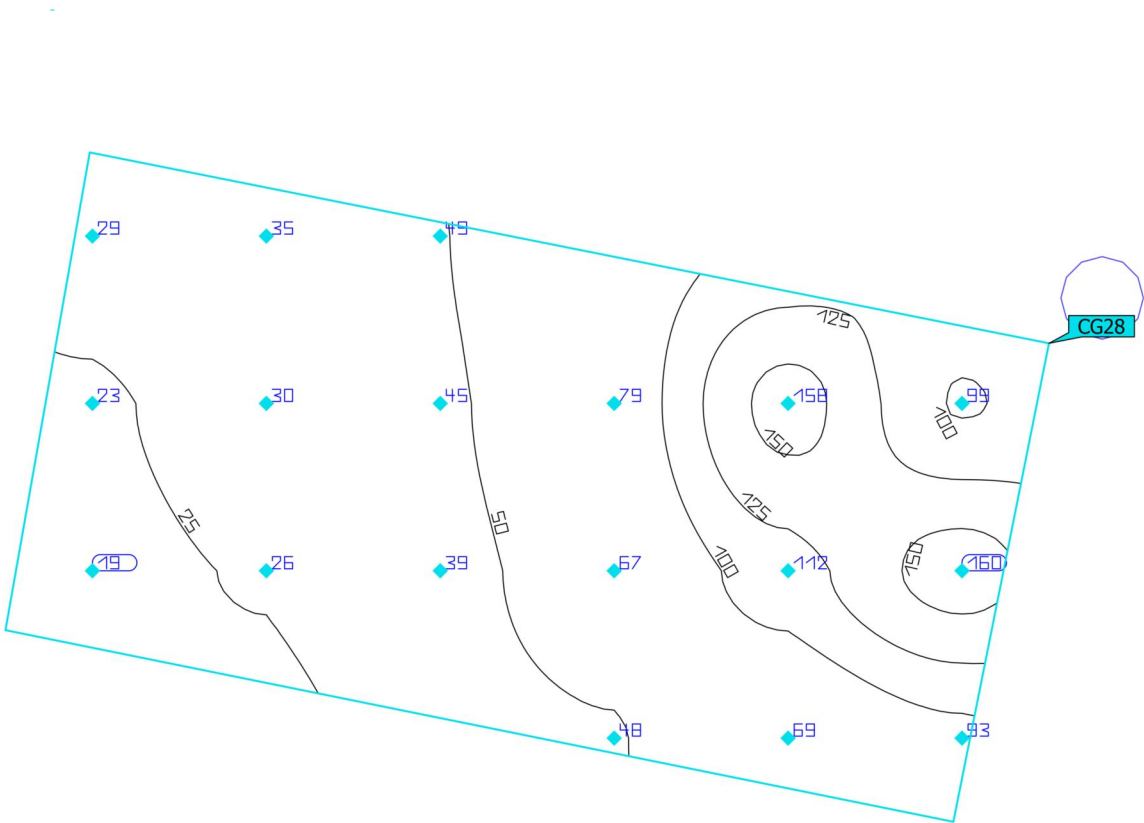
Union (Normal light scene)  
**UP3 Delivery S**



| Properties                                                     | $\bar{E}$ | $E_{min}$ | $E_{max}$ | $U_o (g_1)$ | $g_2$ | Index |
|----------------------------------------------------------------|-----------|-----------|-----------|-------------|-------|-------|
| UP3 Delivery S<br>Perpendicular illuminance<br>Height: 0.000 m | 118 lx    | 65.4 lx   | 155 lx    | 0.55        | 0.42  | CG26  |

Utilisation profile: DIALux presetting (5.1.4 Standard (outdoor transportation area))

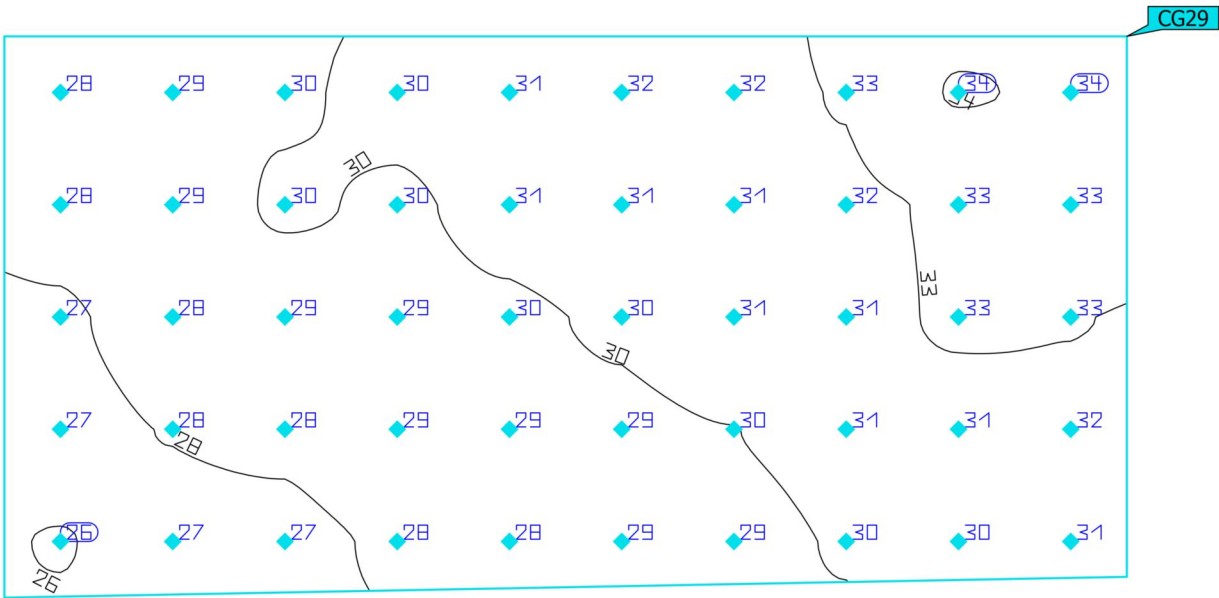
Union (Normal light scene)  
VRC2 Pedestrian Entrance



| Properties                                                               | $\bar{E}$ | $E_{min}$ | $E_{max}$ | $U_o (g_1)$ | $g_2$ | Index |
|--------------------------------------------------------------------------|-----------|-----------|-----------|-------------|-------|-------|
| VRC2 Pedestrian Entrance<br>Perpendicular illuminance<br>Height: 0.000 m | 65.5 lx   | 19.4 lx   | 160 lx    | 0.30        | 0.12  | CG28  |

Utilisation profile: DIALux presetting (5.1.4 Standard (outdoor transportation area))

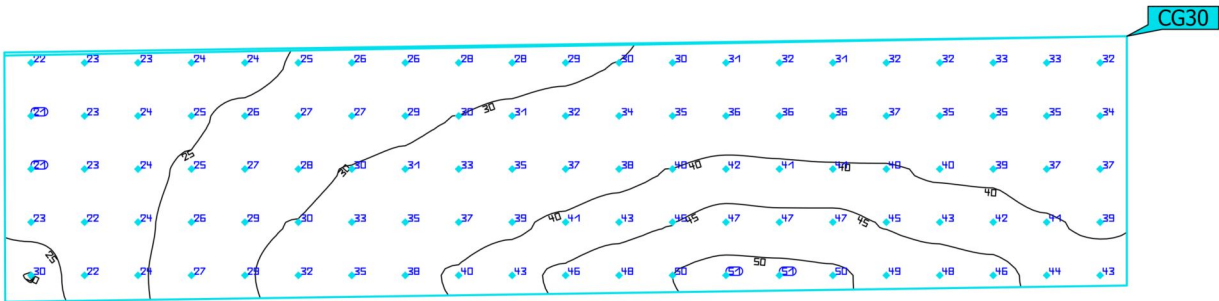
Union (Normal light scene)  
EC3 Pedestrian Entrance



| Properties                                                              | $\bar{E}$ | $E_{min}$ | $E_{max}$ | $U_o (g_1)$ | $g_2$ | Index |
|-------------------------------------------------------------------------|-----------|-----------|-----------|-------------|-------|-------|
| EC3 Pedestrian Entrance<br>Perpendicular illuminance<br>Height: 0.000 m | 30.0 lx   | 26.0 lx   | 34.1 lx   | 0.87        | 0.76  | CG29  |

Utilisation profile: DIALux presetting (5.1.4 Standard (outdoor transportation area))

Union (Normal light scene)  
**UP3 Pedestrian Entrance**



| Properties                                                              | $\bar{E}$ | $E_{min}$ | $E_{max}$ | $U_o (g_1)$ | $g_2$ | Index |
|-------------------------------------------------------------------------|-----------|-----------|-----------|-------------|-------|-------|
| UP3 Pedestrian Entrance<br>Perpendicular illuminance<br>Height: 0.000 m | 34.1 lx   | 20.9 lx   | 51.4 lx   | 0.61        | 0.41  | CG30  |

Utilisation profile: DIALux presetting (5.1.4 Standard (outdoor transportation area))