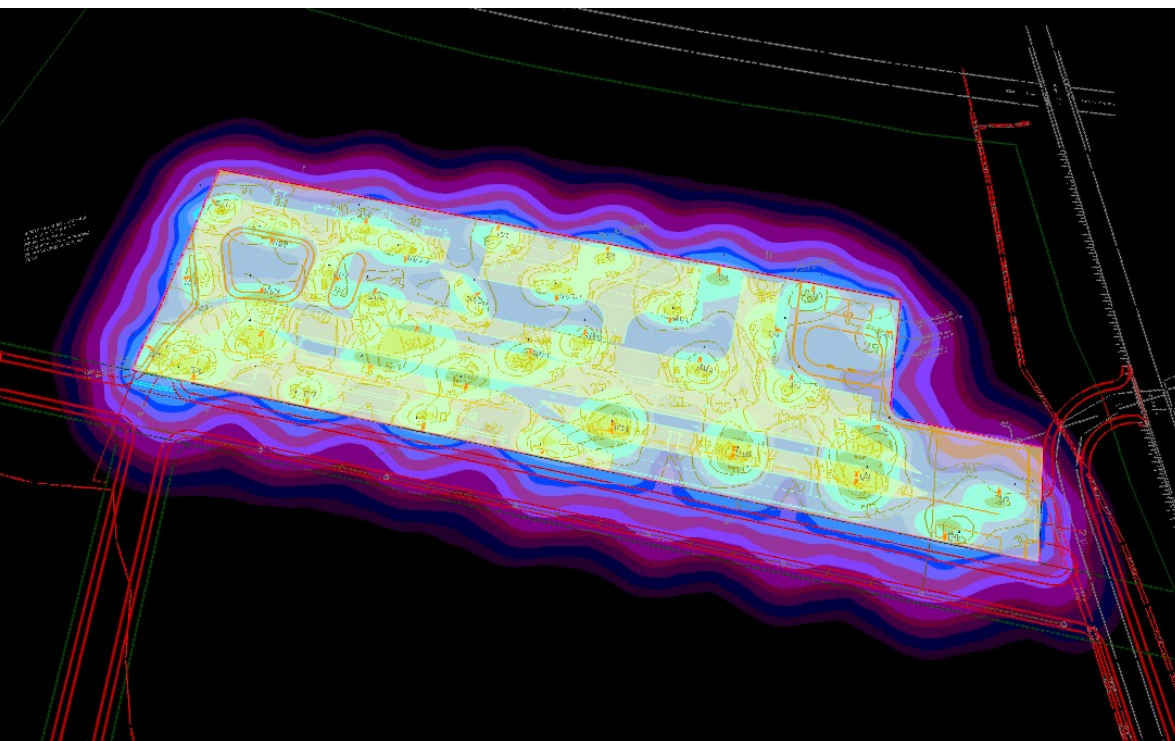
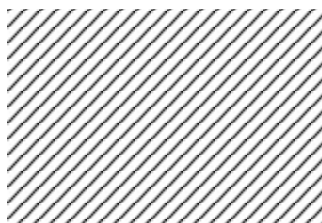




Poligon za obuku vozača Pirot

## Contacts



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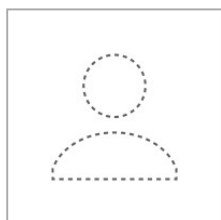
## Luminaire list

|                                    |                                |                                 |
|------------------------------------|--------------------------------|---------------------------------|
| $\Phi_{\text{total}}$<br>493974 lm | $P_{\text{total}}$<br>4134.0 W | Luminous efficacy<br>119.5 lm/W |
|------------------------------------|--------------------------------|---------------------------------|

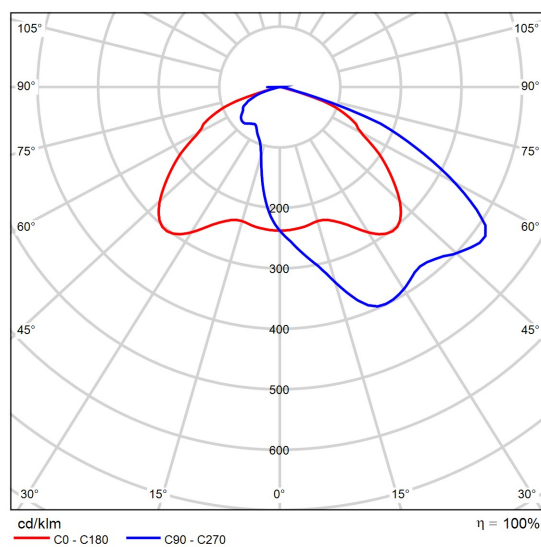
| pcs. | Manufacturer                  | Article No.    | Article name                                               | P       | $\Phi$   | Luminous efficacy |
|------|-------------------------------|----------------|------------------------------------------------------------|---------|----------|-------------------|
| 39   | Not yet a<br>DIALux<br>member | LIGL10206<br>1 | RUBINO LED 107W 12700lm/740 IP66 CL II O7 grau<br>class II | 106.0 W | 12666 lm | 119.5 lm/W        |

## Product data sheet

Not yet a DIALux member - RUBINO LED 107W 12700lm/740 IP66 CL II O7 grau class II



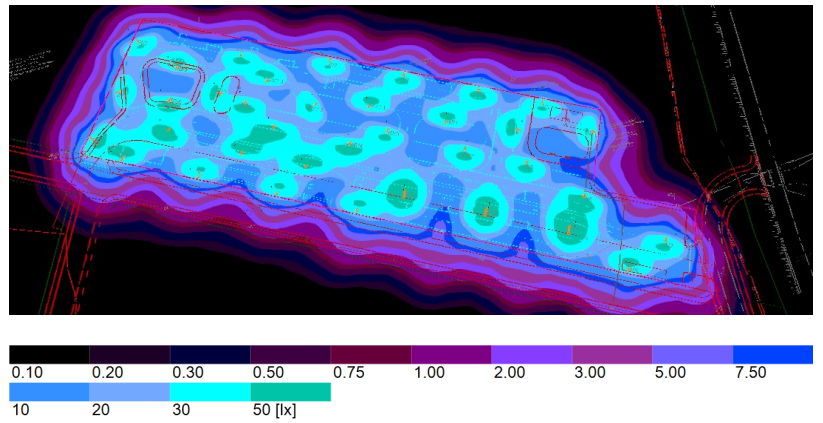
|                           |            |
|---------------------------|------------|
| Article No.               | LIGL102061 |
| P                         | 106.0 W    |
| $\Phi_{\text{Lamp}}$      | 12700 lm   |
| $\Phi_{\text{Luminaire}}$ | 12666 lm   |
| $\eta$                    | 99.74 %    |
| Luminous efficacy         | 119.5 lm/W |
| CCT                       | 4000 K     |
| CRI                       | 70         |



Polar LDC

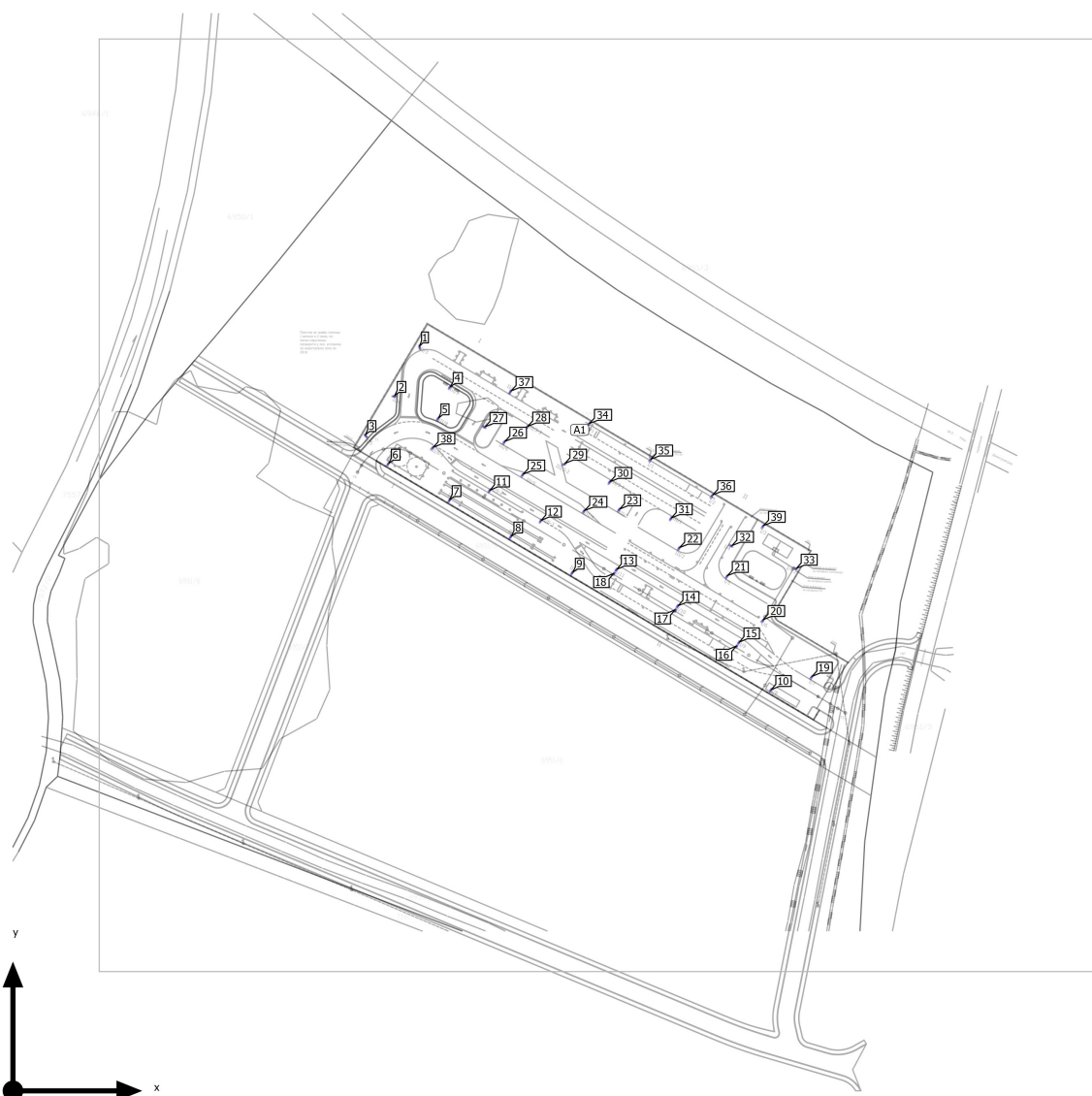
## Images

Poligon



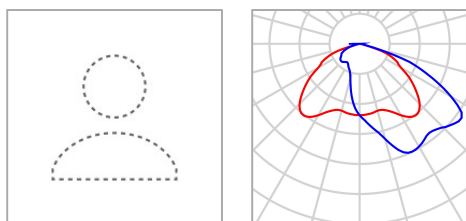
Site 1

## Luminaire layout plan



Site 1

## Luminaire layout plan



|              |                                                               |                           |          |
|--------------|---------------------------------------------------------------|---------------------------|----------|
| Manufacturer | Not yet a DIALux member                                       | P                         | 106.0 W  |
| Article No.  | LIGL102061                                                    | $\Phi_{\text{Luminaire}}$ | 12666 lm |
| Article name | RUBINO LED 107W<br>12700lm/740 IP66 CL<br>II O7 grau class II |                           |          |
| Fitting      | 1x LED 4000K                                                  |                           |          |

3 x Not yet a DIALux member RUBINO LED 107W 12700lm/740 IP66 CL II O7 grau class II

| Type                  | Line arrangement                             | X         | Y         | Mounting height | Luminaire |
|-----------------------|----------------------------------------------|-----------|-----------|-----------------|-----------|
| 1st luminaire (X/Y/Z) | 242.271 m / 280.574 m / 8.000 m              | 242.271 m | 280.574 m | 8.000 m         | 34        |
| X-direction           | 3 pcs., Center - center, Distances not equal | 268.267 m | 265.565 m | 8.000 m         | 35        |
|                       |                                              | 294.252 m | 250.563 m | 8.000 m         | 36        |
| Arrangement           | A1                                           |           |           |                 |           |

### Individual luminaires

| X         | Y         | Mounting height | Luminaire |
|-----------|-----------|-----------------|-----------|
| 171.153 m | 313.079 m | 8.000 m         | 1         |
| 160.445 m | 292.392 m | 8.000 m         | 2         |
| 148.480 m | 275.720 m | 8.000 m         | 3         |
| 183.782 m | 296.111 m | 8.000 m         | 4         |
| 178.816 m | 282.902 m | 8.000 m         | 5         |

Site 1

## Luminaire layout plan

| X         | Y         | Mounting height | Luminaire |
|-----------|-----------|-----------------|-----------|
| 157.820 m | 263.786 m | 8.000 m         | 6         |
| 183.644 m | 248.488 m | 8.000 m         | 7         |
| 209.400 m | 233.121 m | 8.000 m         | 8         |
| 235.253 m | 217.902 m | 8.000 m         | 9         |
| 318.862 m | 168.510 m | 8.000 m         | 10        |
| 200.554 m | 252.565 m | 8.000 m         | 11        |
| 222.054 m | 239.829 m | 8.000 m         | 12        |
| 253.847 m | 219.195 m | 8.000 m         | 13        |
| 279.647 m | 203.896 m | 8.000 m         | 14        |
| 305.456 m | 188.593 m | 8.000 m         | 15        |
| 304.646 m | 187.238 m | 8.000 m         | 16        |
| 278.854 m | 202.522 m | 8.000 m         | 17        |
| 253.030 m | 217.817 m | 8.000 m         | 18        |
| 336.079 m | 174.130 m | 8.000 m         | 19        |
| 315.576 m | 197.888 m | 8.000 m         | 20        |
| 300.466 m | 216.531 m | 8.000 m         | 21        |
| 280.308 m | 228.372 m | 8.000 m         | 22        |
| 255.047 m | 244.567 m | 8.000 m         | 23        |
| 240.269 m | 243.955 m | 8.000 m         | 24        |
| 214.449 m | 259.253 m | 8.000 m         | 25        |
| 206.750 m | 273.061 m | 8.000 m         | 26        |
| 198.347 m | 279.427 m | 8.000 m         | 27        |
| 216.372 m | 279.414 m | 8.000 m         | 28        |
| 232.032 m | 263.799 m | 8.000 m         | 29        |

Site 1

## Luminaire layout plan

| X         | Y         | Mounting height | Luminaire |
|-----------|-----------|-----------------|-----------|
| 251.036 m | 256.112 m | 8.000 m         | 30        |
| 276.857 m | 240.821 m | 8.000 m         | 31        |
| 302.241 m | 229.395 m | 8.000 m         | 32        |
| 329.341 m | 219.781 m | 8.000 m         | 33        |
| 209.369 m | 294.322 m | 8.000 m         | 37        |
| 176.550 m | 270.620 m | 8.000 m         | 38        |
| 315.637 m | 237.623 m | 8.000 m         | 39        |

Site 1 (Light scene 1)

## Calculation objects



Site 1 (Light scene 1)

## Calculation objects

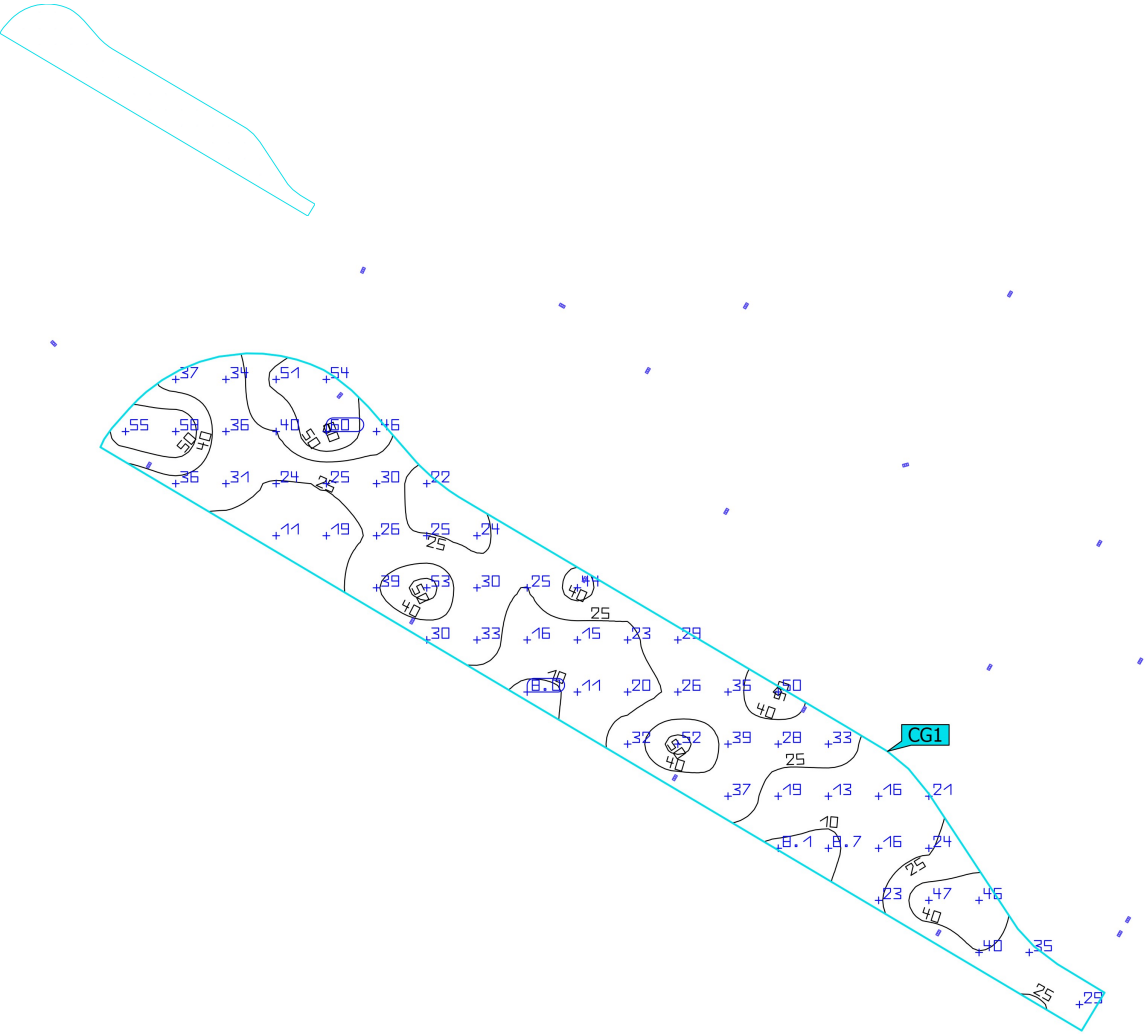
Calculation surfaces

| Properties                                                                           | $\bar{E}$ | $E_{\min}$ | $E_{\max}$ | $g_1$ | $g_2$ | Index |
|--------------------------------------------------------------------------------------|-----------|------------|------------|-------|-------|-------|
| 2. Poligon za A kategoriju<br>Perpendicular illuminance<br>Height: 0.000 m           | 31.0 lx   | 8.01 lx    | 60.4 lx    | 0.26  | 0.13  | CG1   |
| 3. Poligon za B kategoriju<br>Perpendicular illuminance<br>Height: 0.000 m           | 37.8 lx   | 10.7 lx    | 67.3 lx    | 0.28  | 0.16  | CG2   |
| 7. Pomoćni poligon 2<br>Perpendicular illuminance<br>Height: 0.000 m                 | 33.4 lx   | 15.4 lx    | 53.8 lx    | 0.46  | 0.29  | CG3   |
| 1. Ograđena površina parcele<br>Perpendicular illuminance<br>Height: 0.000 m         | 28.6 lx   | 2.56 lx    | 61.9 lx    | 0.090 | 0.041 | CG4   |
| 6. Pomoćni poligon 1<br>Perpendicular illuminance<br>Height: 0.000 m                 | 27.3 lx   | 8.61 lx    | 58.8 lx    | 0.32  | 0.15  | CG5   |
| 5. Poligon za C, D, E i F kategoriju<br>Perpendicular illuminance<br>Height: 0.000 m | 31.5 lx   | 13.0 lx    | 55.5 lx    | 0.41  | 0.23  | CG6   |
| 4. Poligon za C i D kategoriju<br>Perpendicular illuminance<br>Height: 0.000 m       | 34.2 lx   | 13.7 lx    | 58.5 lx    | 0.40  | 0.23  | CG7   |

Utilization profile: DIALux presetting, Standard (outdoor transportation area)

Site 1 (Light scene 1)

2. Poligon za A kategoriju

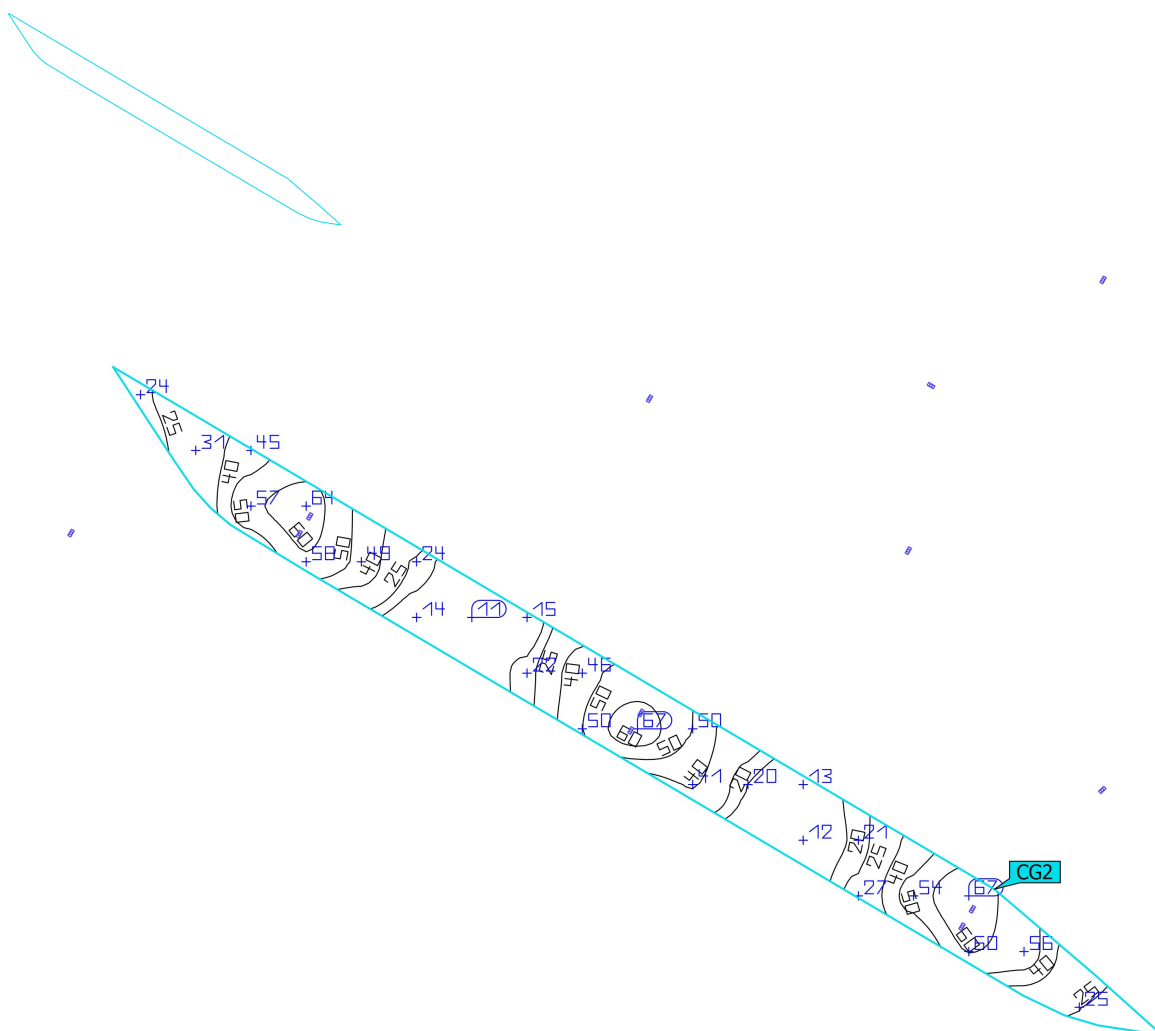


| Properties                                                                 | $\bar{E}$ | $E_{min}$ | $E_{max}$ | $g_1$ | $g_2$ | Index |
|----------------------------------------------------------------------------|-----------|-----------|-----------|-------|-------|-------|
| 2. Poligon za A kategoriju<br>Perpendicular illuminance<br>Height: 0.000 m | 31.0 lx   | 8.01 lx   | 60.4 lx   | 0.26  | 0.13  | CG1   |

Utilization profile: DIALux presetting, Standard (outdoor transportation area)

Site 1 (Light scene 1)

### 3. Poligon za B kategoriju

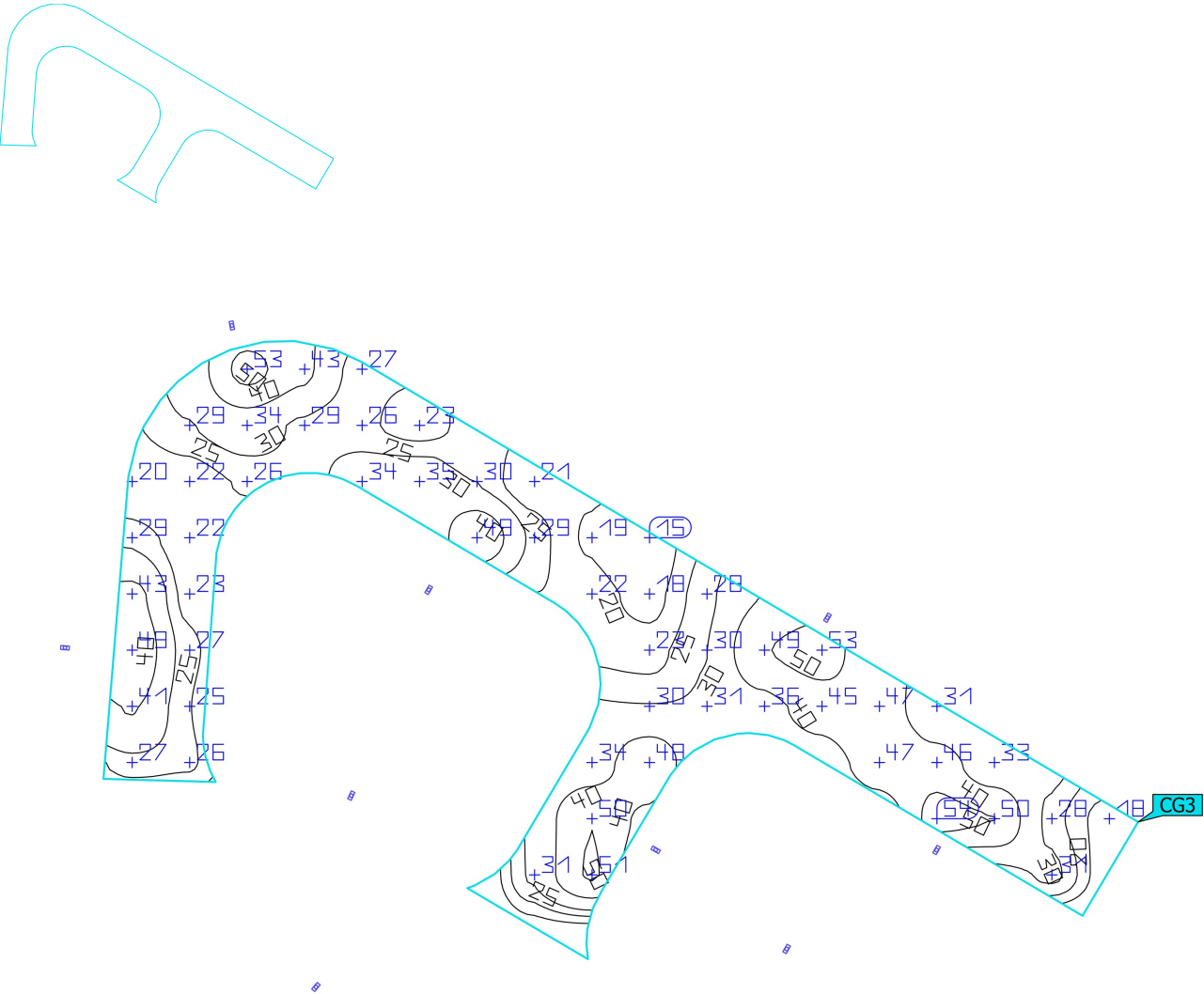


| Properties                                                                 | $\bar{E}$ | $E_{min}$ | $E_{max}$ | $g_1$ | $g_2$ | Index |
|----------------------------------------------------------------------------|-----------|-----------|-----------|-------|-------|-------|
| 3. Poligon za B kategoriju<br>Perpendicular illuminance<br>Height: 0.000 m | 37.8 lx   | 10.7 lx   | 67.3 lx   | 0.28  | 0.16  | CG2   |

Utilization profile: DIALux presetting, Standard (outdoor transportation area)

Site 1 (Light scene 1)

7. Pomoćni poligon 2

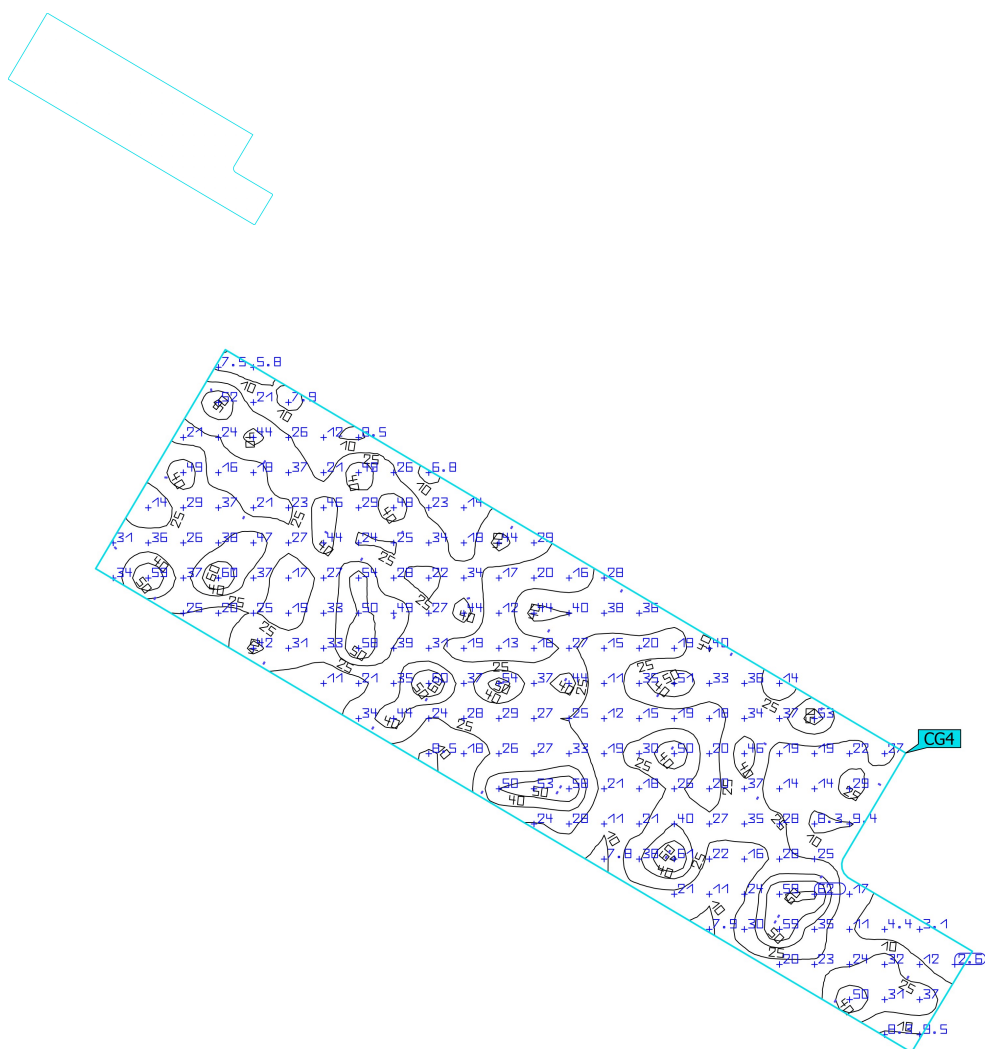


| Properties                                                           | $\bar{E}$ | $E_{min}$ | $E_{max}$ | $g_1$ | $g_2$ | Index |
|----------------------------------------------------------------------|-----------|-----------|-----------|-------|-------|-------|
| 7. Pomoćni poligon 2<br>Perpendicular illuminance<br>Height: 0.000 m | 33.4 lx   | 15.4 lx   | 53.8 lx   | 0.46  | 0.29  | CG3   |

Utilization profile: DIALux presetting, Standard (outdoor transportation area)

Site 1 (Light scene 1)

## 1. Ograđena površina parcele

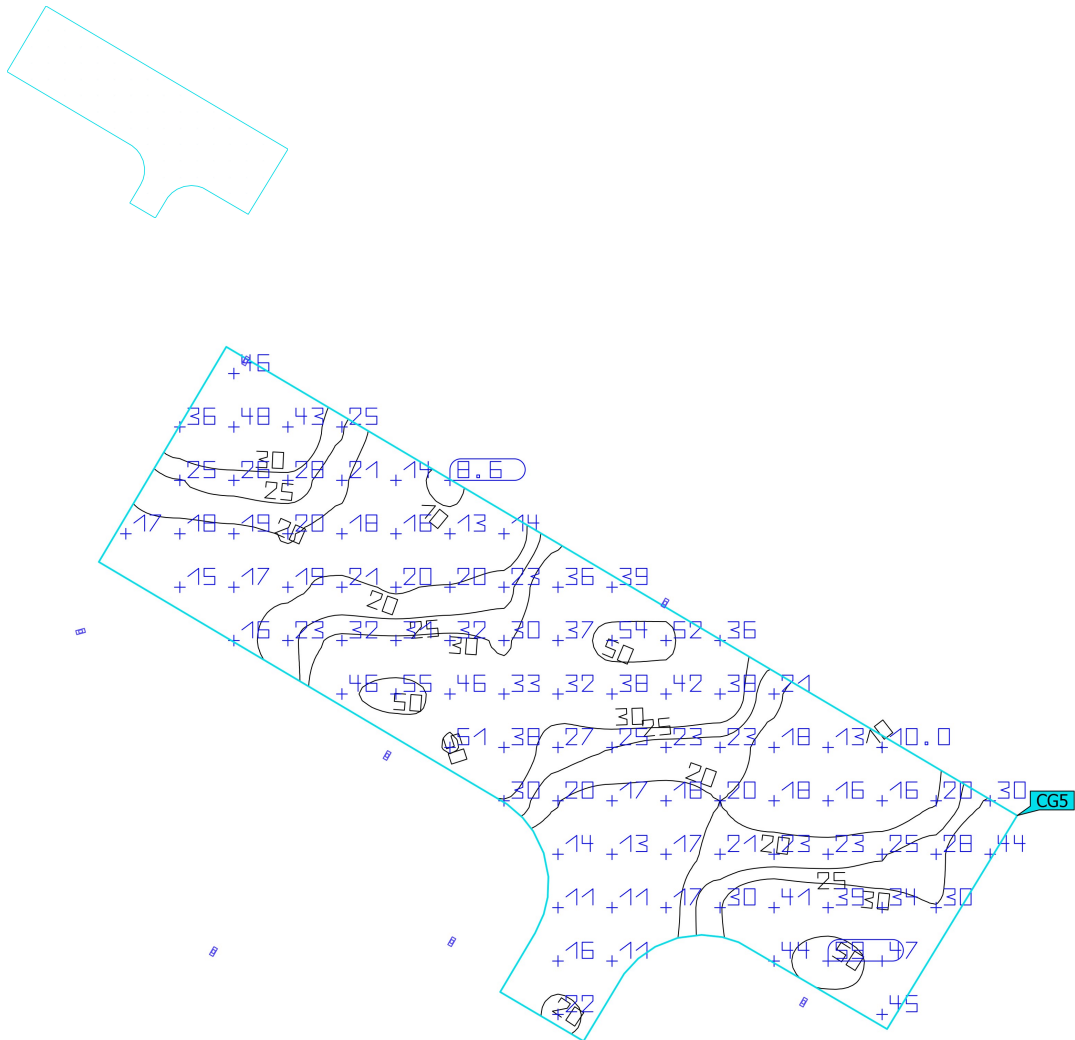


| Properties                   | $\bar{E}$ | $E_{min}$ | $E_{max}$ | $g_1$ | $g_2$ | Index |
|------------------------------|-----------|-----------|-----------|-------|-------|-------|
| 1. Ograđena površina parcele | 28.6 lx   | 2.56 lx   | 61.9 lx   | 0.090 | 0.041 | CG4   |
| Perpendicular illuminance    |           |           |           |       |       |       |
| Height: 0.000 m              |           |           |           |       |       |       |

Utilization profile: DIALux presetting, Standard (outdoor transportation area)

Site 1 (Light scene 1)

## 6. Pomoćni poligon 1

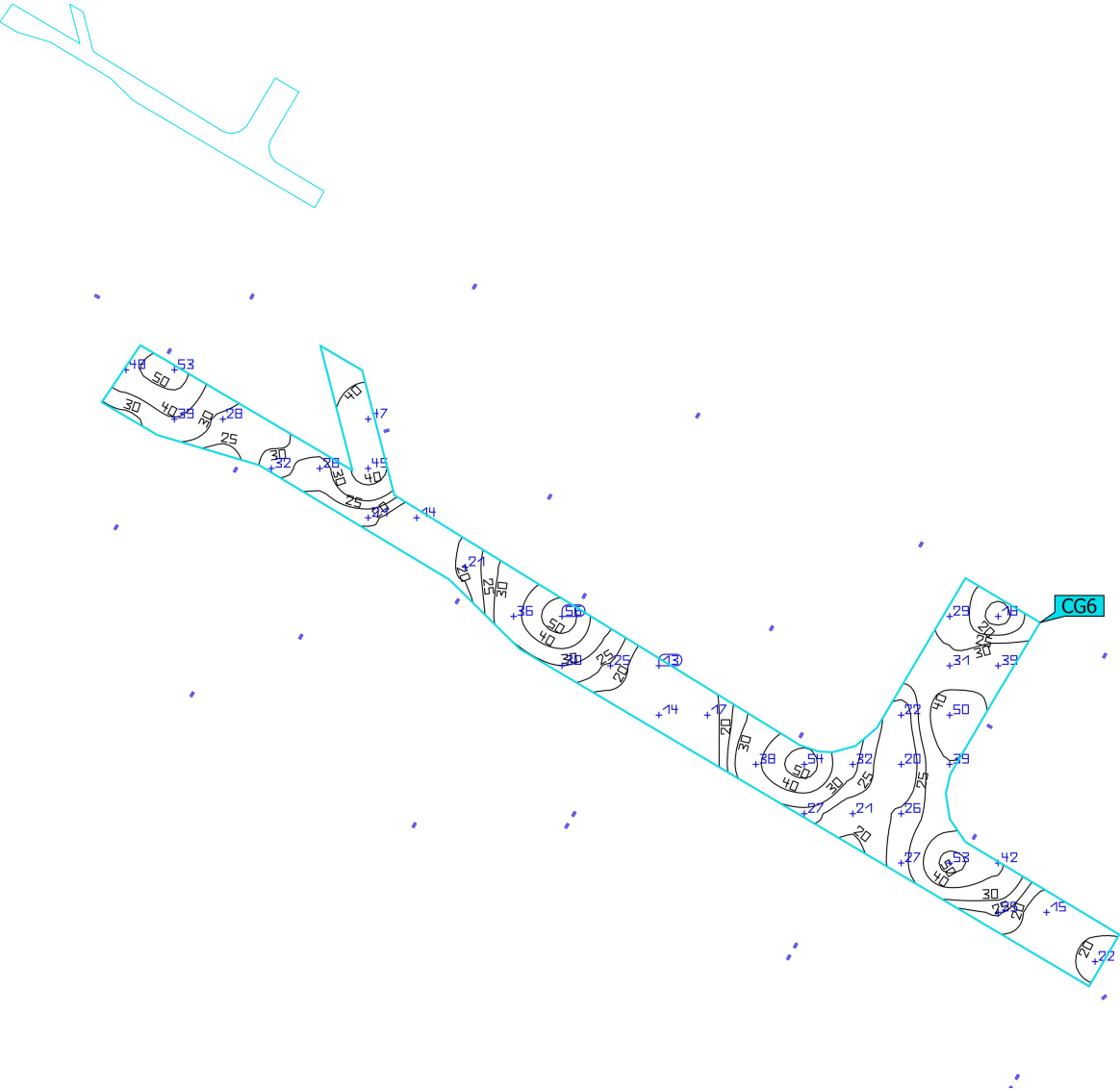


| Properties                | $\bar{E}$ | $E_{min}$ | $E_{max}$ | $g_1$ | $g_2$ | Index |
|---------------------------|-----------|-----------|-----------|-------|-------|-------|
| 6. Pomoćni poligon 1      | 27.3 lx   | 8.61 lx   | 58.8 lx   | 0.32  | 0.15  | CG5   |
| Perpendicular illuminance |           |           |           |       |       |       |
| Height: 0.000 m           |           |           |           |       |       |       |

Utilization profile: DIALux presetting, Standard (outdoor transportation area)

Site 1 (Light scene 1)

**5. Poligon za C, D, E i F kategoriju**

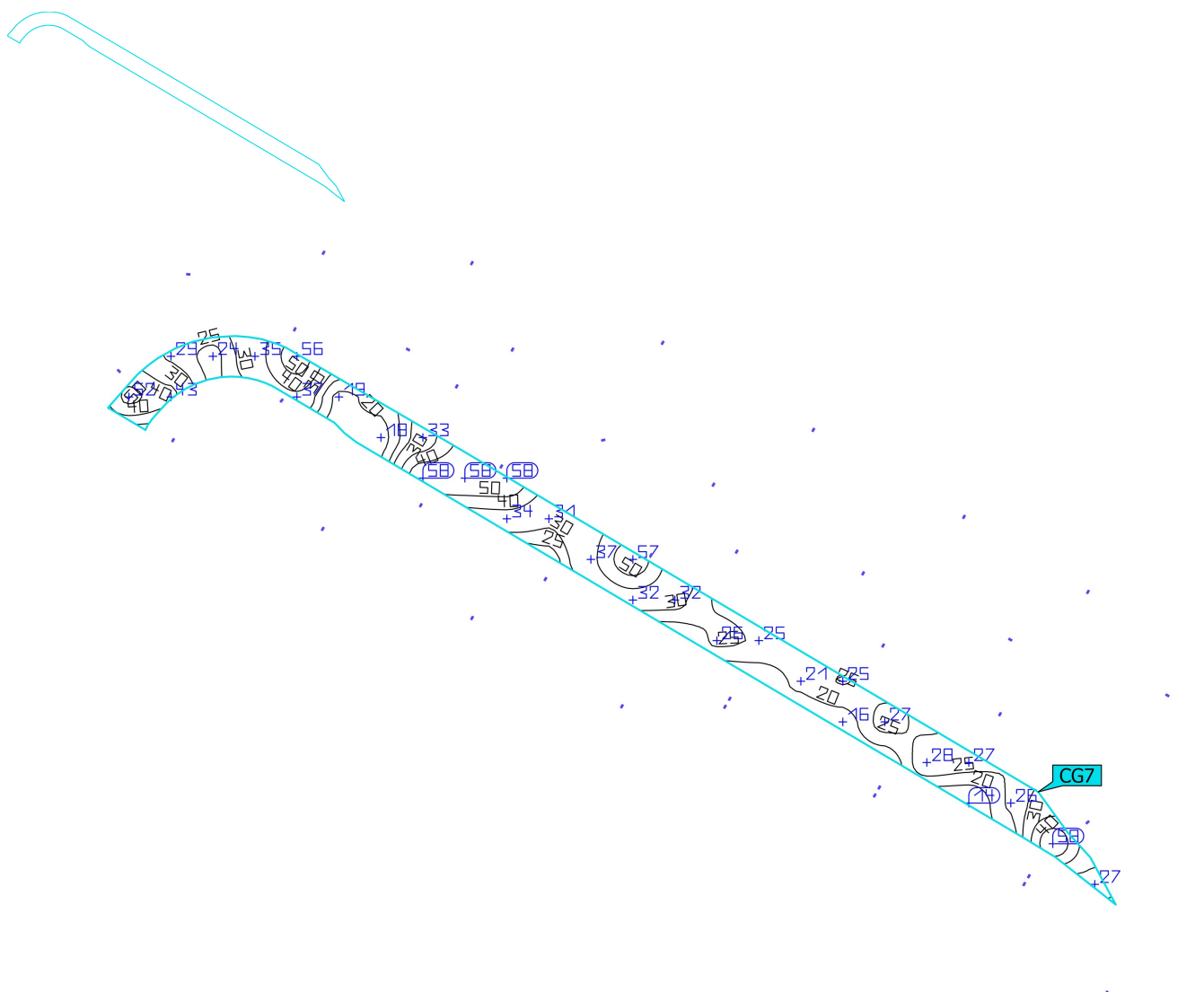


| Properties                                                                           | $\bar{E}$ | $E_{min}$ | $E_{max}$ | $g_1$ | $g_2$ | Index |
|--------------------------------------------------------------------------------------|-----------|-----------|-----------|-------|-------|-------|
| 5. Poligon za C, D, E i F kategoriju<br>Perpendicular illuminance<br>Height: 0.000 m | 31.5 lx   | 13.0 lx   | 55.5 lx   | 0.41  | 0.23  | CG6   |

Utilization profile: DIALux presetting, Standard (outdoor transportation area)

Site 1 (Light scene 1)

#### 4. Poligon za C i D kategoriju



| Properties                                                                     | $\bar{E}$ | $E_{min}$ | $E_{max}$ | $g_1$ | $g_2$ | Index |
|--------------------------------------------------------------------------------|-----------|-----------|-----------|-------|-------|-------|
| 4. Poligon za C i D kategoriju<br>Perpendicular illuminance<br>Height: 0.000 m | 34.2 lx   | 13.7 lx   | 58.5 lx   | 0.40  | 0.23  | CG7   |

Utilization profile: DIALux presetting, Standard (outdoor transportation area)