

Brežice Prešernova cesta

Date: 23.06.2016
Operator:

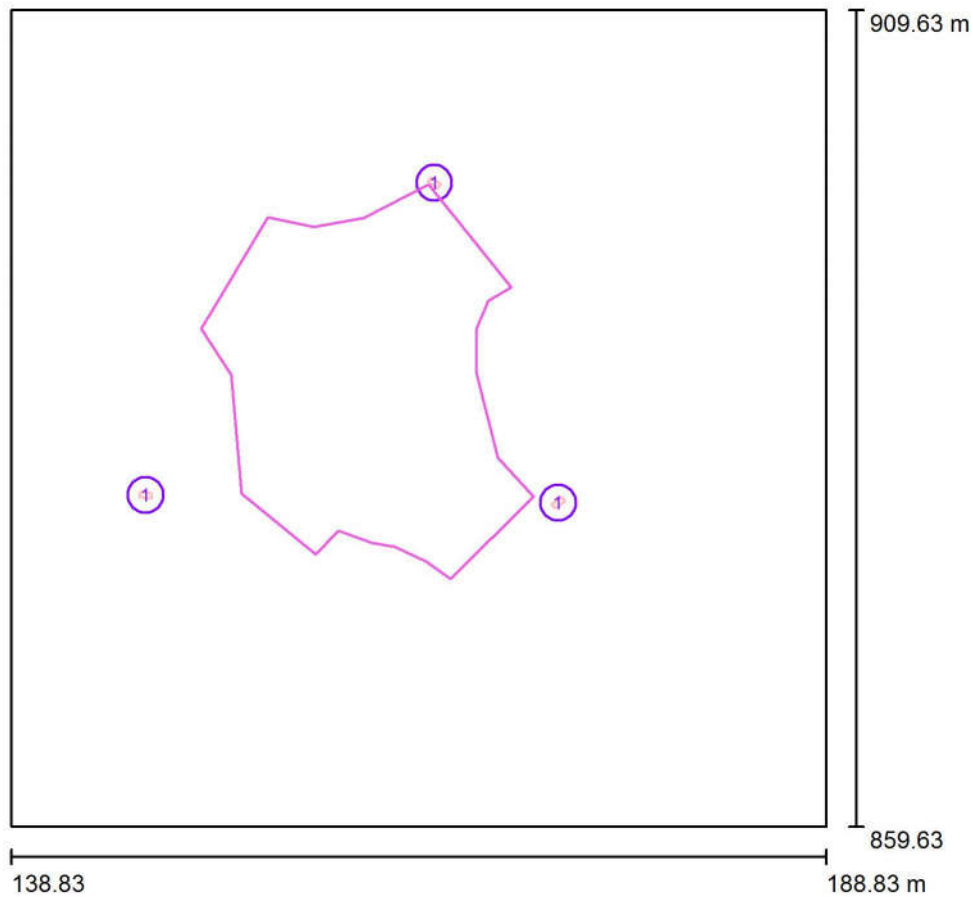
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Križišče zgoraj / Planning data



Maintenance factor: 0.80, ULR (Upward Light Ratio): 0.0%

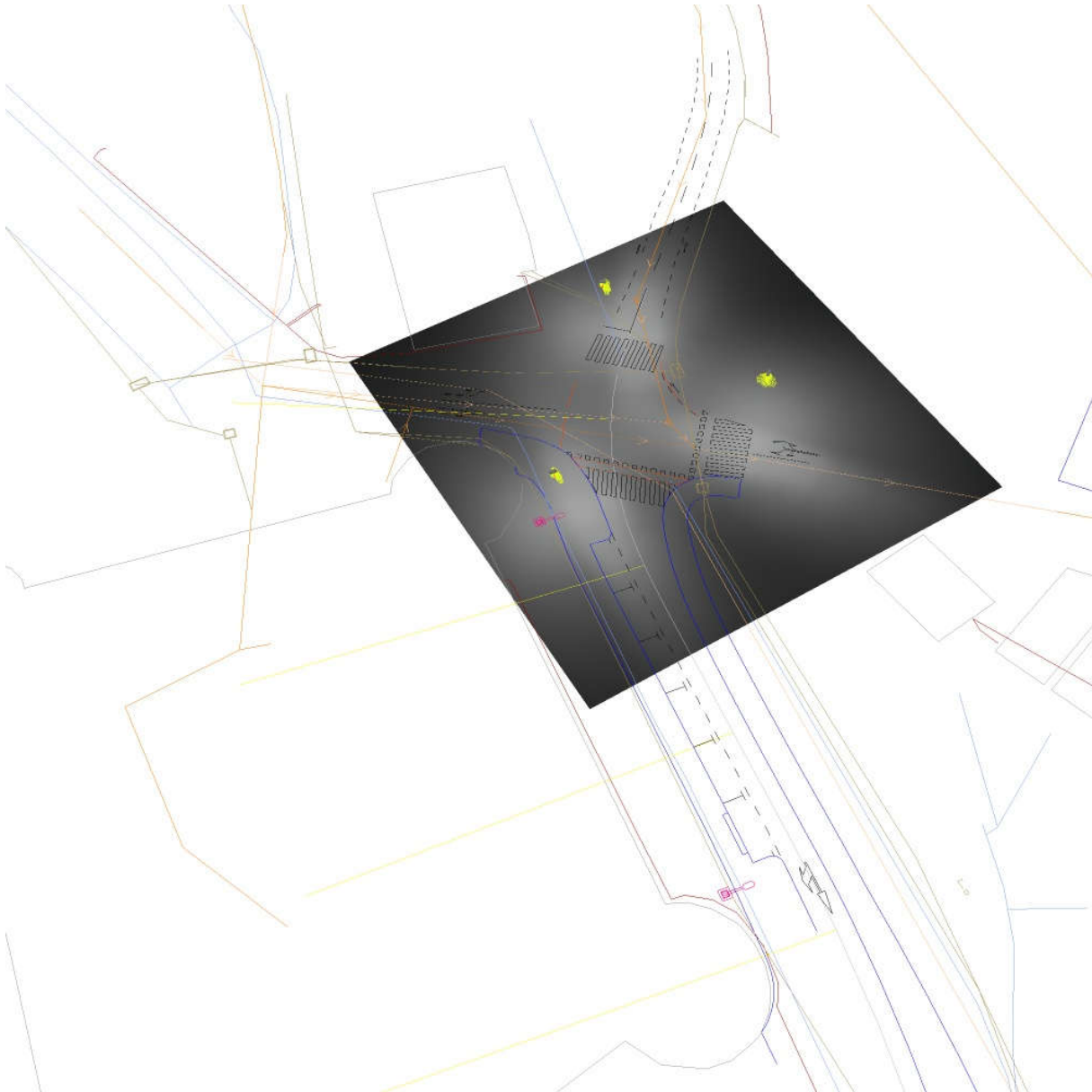
Scale 1:464

Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
1	3	PHILIPS SGP340 FG 1xSON-TPP150W TP P1 (1.000)	12775	17500	169.0
Total:			38325	52500	507.0

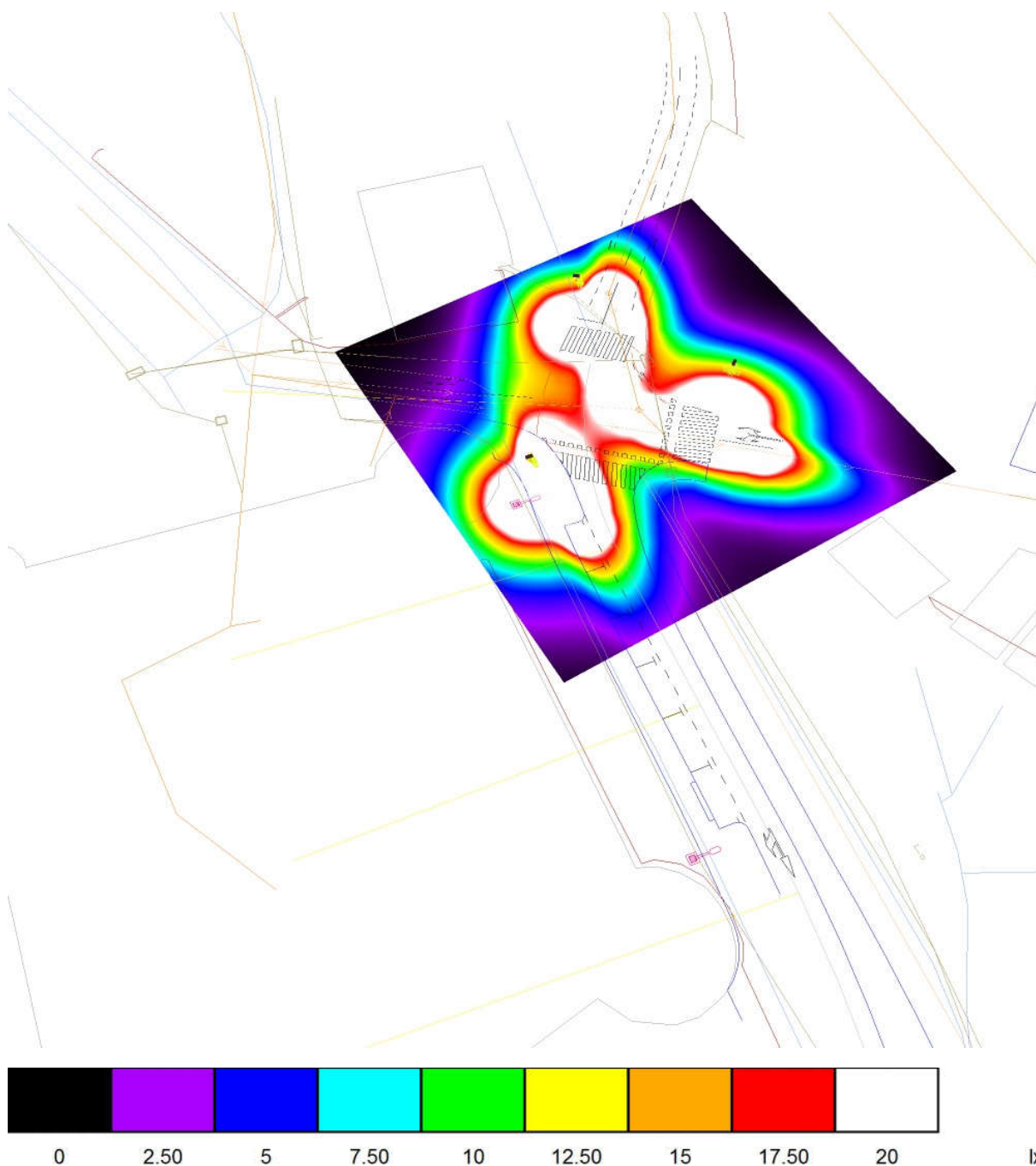
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Križišče zgoraj / 3D Rendering



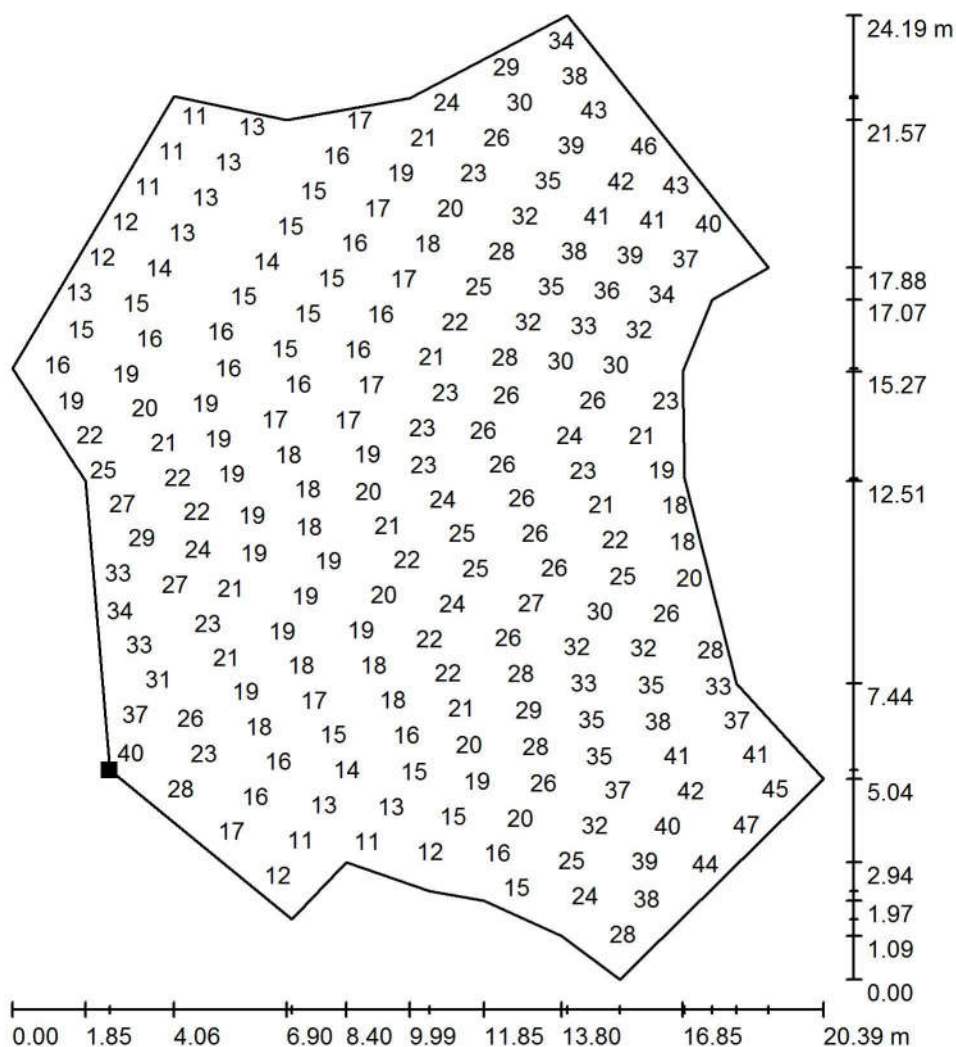
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Križišče zgoraj / False Colour Rendering



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Križišče zgoraj / Calculation Surface 1 / Value Chart (E, Perpendicular)



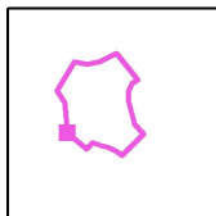
Values in Lux, Scale 1 : 190

Not all calculated values could be displayed.

Position of surface in external scene:

Marked point:

(152.943 m, 880.068 m, 0.000 m)



Grid: 128 x 128 Points

E_{av} [lx]
24

E_{min} [lx]
9.83

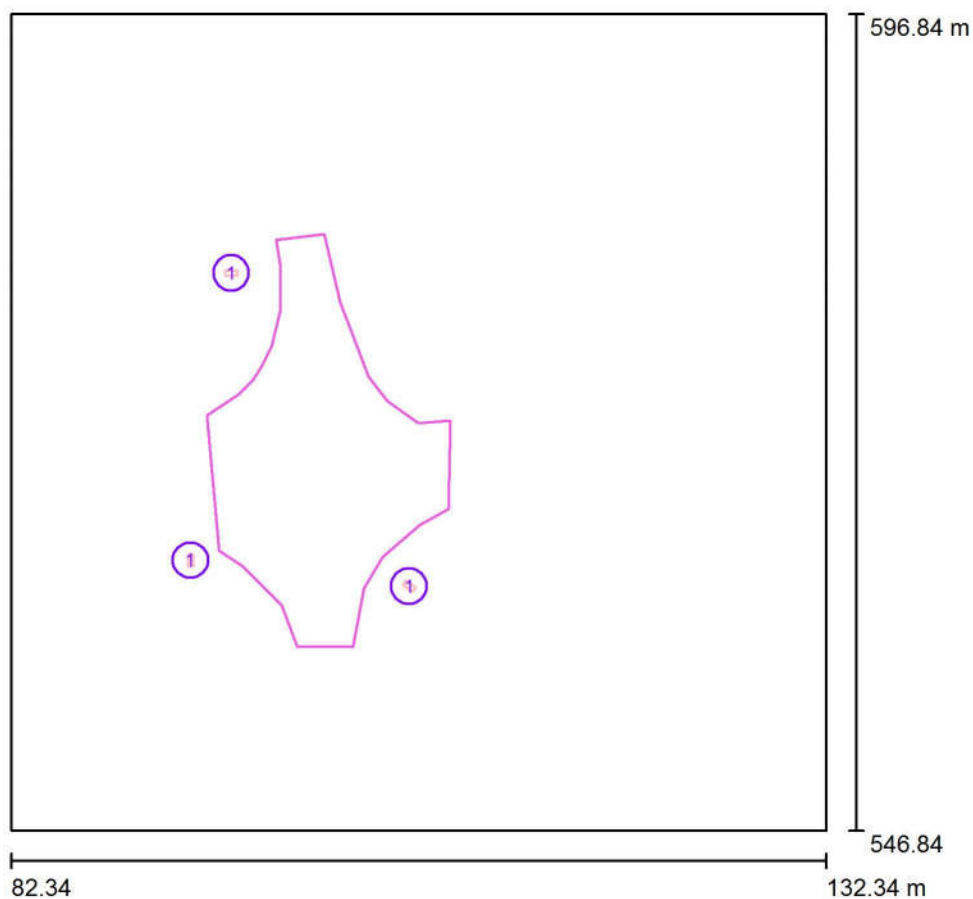
E_{max} [lx]
49

u_0
0.411

E_{min} / E_{max}
0.200

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Križišče spodaj / Planning data



Maintenance factor: 0.80, ULR (Upward Light Ratio): 0.0%

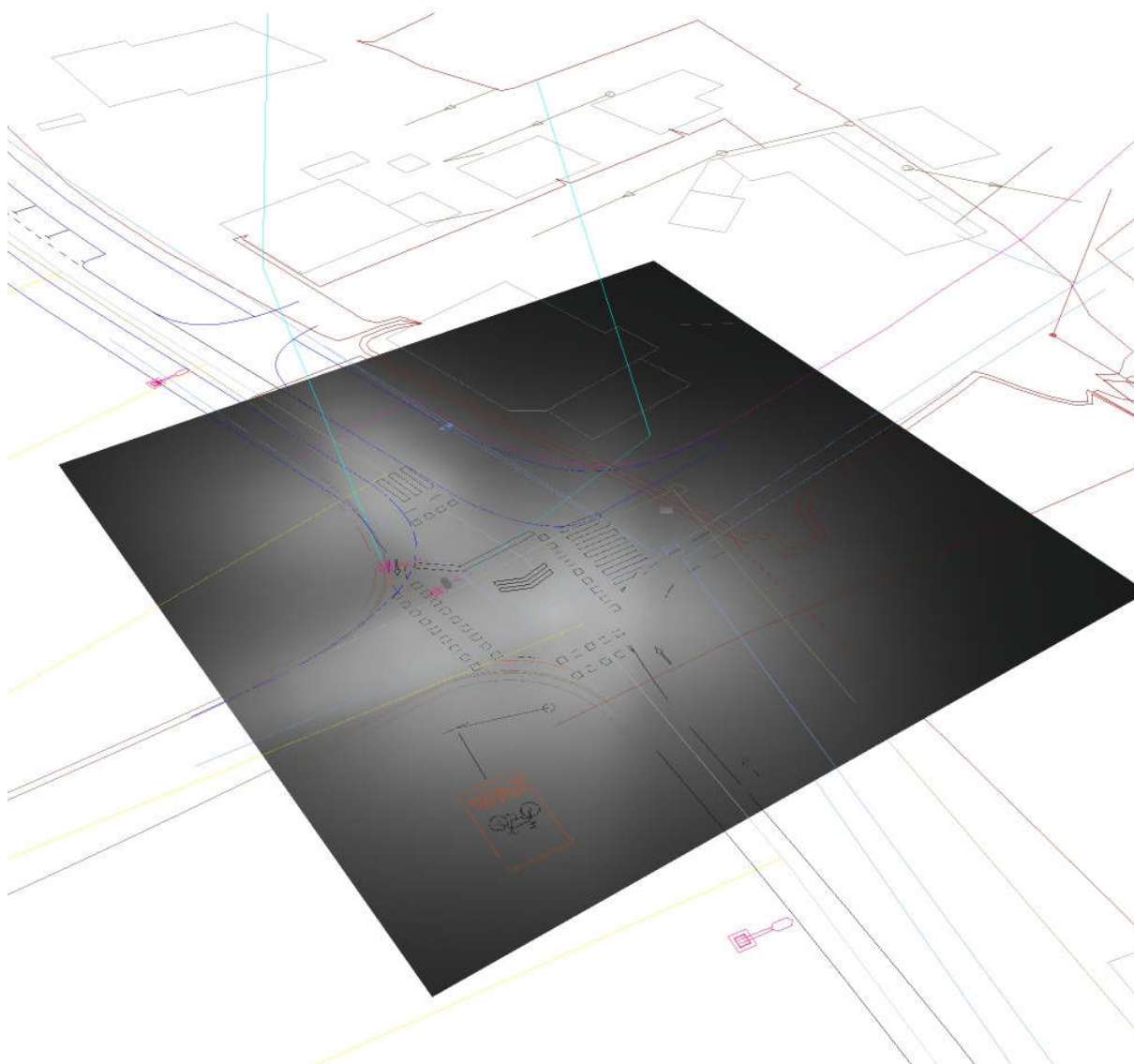
Scale 1:464

Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
1	3	PHILIPS SGP340 FG 1xSON-TPP150W TP P1 (1.000)	12775	17500	169.0
Total:			38325	52500	507.0

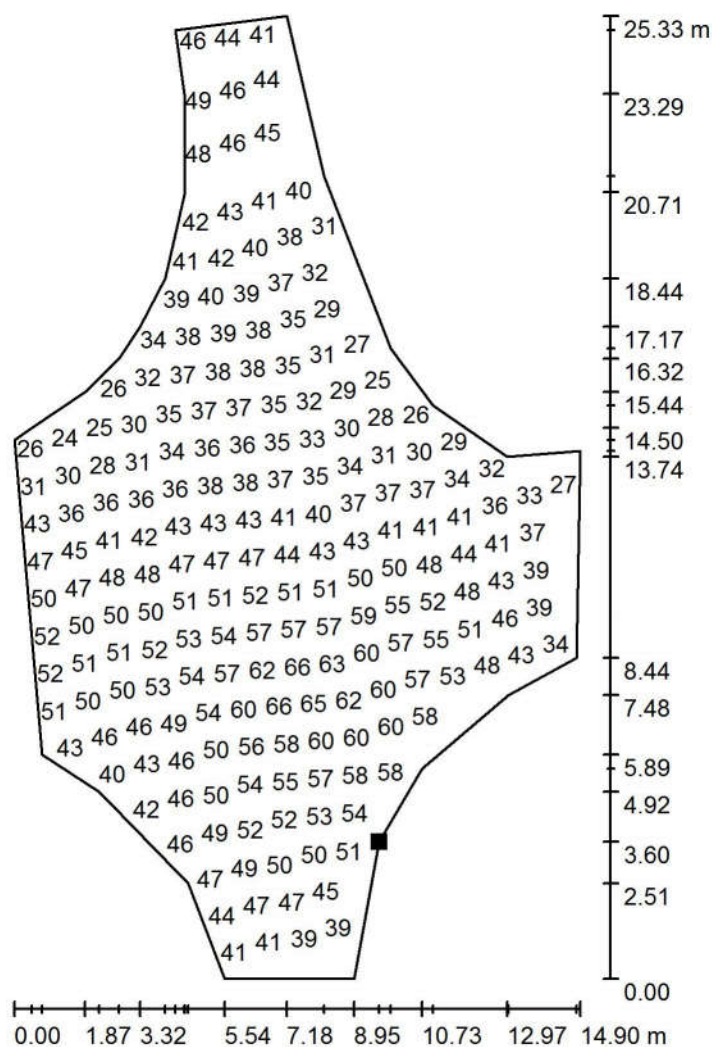
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Križišče spodaj / 3D Rendering



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Križišče spodaj / Calculation Surface 1 / Value Chart (E, Perpendicular)

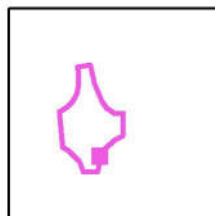


Not all calculated values could be displayed.

Position of surface in external scene:

Marked point:

(103.980 m, 561.704 m, 0.000 m)



Grid: 128 x 128 Points

E_{av} [lx]
43

E_{min} [lx]
22

E_{max} [lx]
67

u_0
0.508

E_{min} / E_{max}
0.327

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Street 4 / Planning data

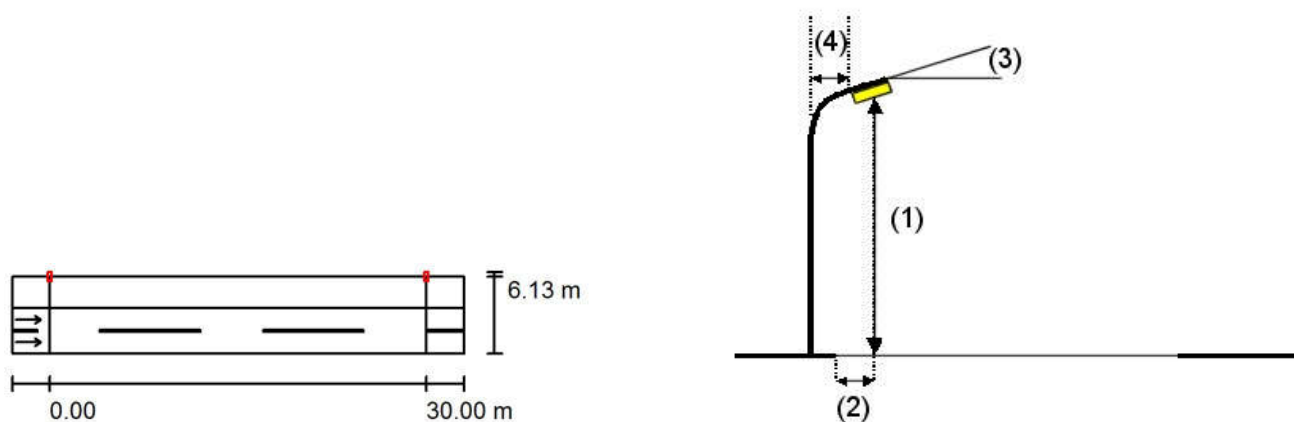
Street Profile

Sidewalk 1 (Width: 2.500 m)

Roadway 1 (Width: 3.630 m, Number of lanes: 2, tarmac: R3, q0: 0.070)

Maintenance factor: 0.80

Luminaire Arrangements

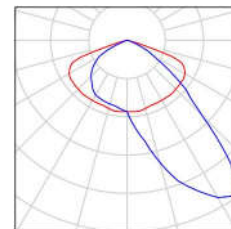


Luminaire:	PHILIPS SGP340 FG 1xSON-TPP100W TP P2	
Luminous flux (Luminaire):	8346 lm	Maximum luminous intensities
Luminous flux (Lamps):	10700 lm	at 70°: 251 cd/klm
Luminaire Wattage:	114.0 W	at 80°: 4.09 cd/klm
Arrangement:	Single row, top	at 90°: 0.00 cd/klm
Pole Distance:	30.000 m	Any direction forming the specified angle from the downward vertical, with the luminaire installed for use.
Mounting Height (1):	8.207 m	No luminous intensities above 90°.
Height:	8.000 m	Arrangement complies with luminous intensity class G6.
Overhang (2):	-2.500 m	Arrangement complies with glare index class D.6.
Boom Angle (3):	0.0 °	
Boom Length (4):	-1.850 m	

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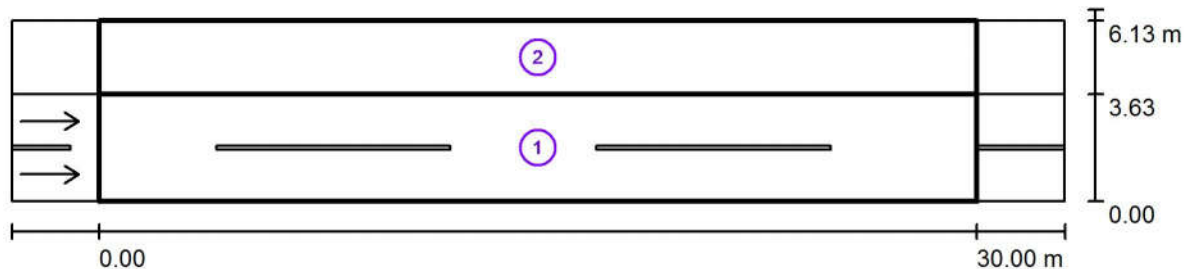
Street 4 / Luminaire parts list

PHILIPS SGP340 FG 1xSON-TPP100W TP P2
Article No.:
Luminous flux (Luminaire): 8346 lm
Luminous flux (Lamps): 10700 lm
Luminaire Wattage: 114.0 W
Luminaire classification according to CIE: 100
CIE flux code: 43 82 99 100 78
Fitting: 1 x SON-TPP100W (Correction Factor
1.000).



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Street 4 / Photometric Results



Maintenance factor: 0.80

Scale 1:258

Calculation Field List

- 1 Valuation Field Roadway 1
Length: 30.000 m, Width: 3.630 m
Grid: 10 x 6 Points
Accompanying Street Elements: Roadway 1.
tarmac: R3, q0: 0.070
Selected Lighting Class: ME4a

(All lighting performance requirements are met.)

	L_{av} [cd/m ²]	U0	UI	TI [%]	SR
Calculated values:	0.97	0.63	0.60	6	0.64
Required values according to class:	≥ 0.75	≥ 0.40	≥ 0.60	≤ 15	≥ 0.50
Fulfilled/Not fulfilled:	✓	✓	✓	✓	✓

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Street 4 / Photometric Results

Calculation Field List

- 2 Valuation Field Sidewalk 1
Length: 30.000 m, Width: 2.500 m
Grid: 10 x 3 Points
Accompanying Street Elements: Sidewalk 1.
Selected Lighting Class: S2 (All lighting performance requirements are met.)

	E_{av} [lx]	E_{min} [lx]
Calculated values:	13.72	4.29
Required values according to class:	≥ 10.00	≥ 3.00
Fulfilled/Not fulfilled:	✓	✓