

Obvoznica Tolmin

Responsabile:
No. ordine:
Ditta:
No. cliente:

Date: 04.04.2017
Operator: Albanese Irene

Disano Illuminazione S.p.A

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Disano Illuminazione S.p.A

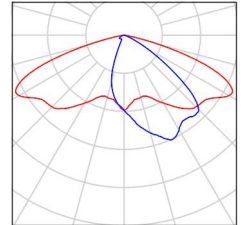
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Obvoznica Tolmin / Luminaire parts list

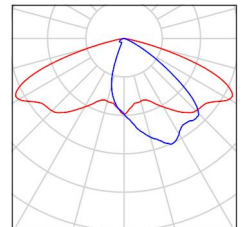
58 Pieces Disano Illuminazione SpA 3290 16 LED 59w CLD
CELL 3290 Sella 1 - ST
Article No.: 3290 16 LED 59w CLD CELL
Luminous flux (Luminaire): 7238 lm
Luminous flux (Lamps): 7238 lm
Luminaire Wattage: 64.5 W
Luminaire classification according to CIE: 100
CIE flux code: 40 77 98 100 100
Fitting: 1 x LuxM+LuxTX59_3290 (Correction
Factor 1.000).

See our luminaire
catalog for an image of
the luminaire.



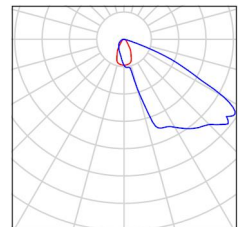
6 Pieces Disano Illuminazione SpA 3290 8 LED 39w CLD
CELL 3290 Sella 1 - ST
Article No.: 3290 8 LED 39w CLD CELL
Luminous flux (Luminaire): 4700 lm
Luminous flux (Lamps): 4700 lm
Luminaire Wattage: 41.9 W
Luminaire classification according to CIE: 100
CIE flux code: 40 77 98 100 100
Fitting: 1 x LuxM+LuxTX39_3290 (Correction
Factor 1.000).

See our luminaire
catalog for an image of
the luminaire.



5 Pieces Disano Illuminazione SpA 3293 LED 63w CLD
CELL 3293 Sella 1 - Asimmetrico 60°
Article No.: 3293 LED 63w CLD CELL
Luminous flux (Luminaire): 4707 lm
Luminous flux (Lamps): 4707 lm
Luminaire Wattage: 68.9 W
Luminaire classification according to CIE: 100
CIE flux code: 41 83 99 100 100
Fitting: 1 x led_3293_63 (Correction Factor
1.000).

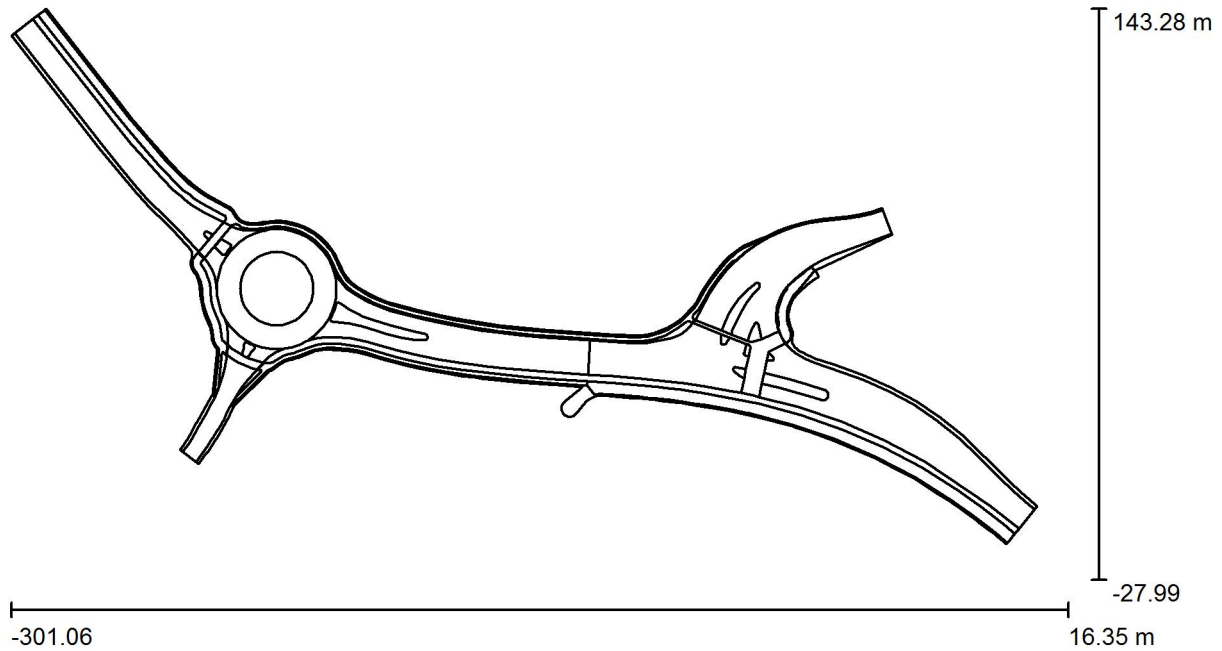
See our luminaire
catalog for an image of
the luminaire.



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Zone 1 / Planning data



Maintenance factor: 0.90, ULR (Upward Light Ratio): 0.0%

Scale 1:2270

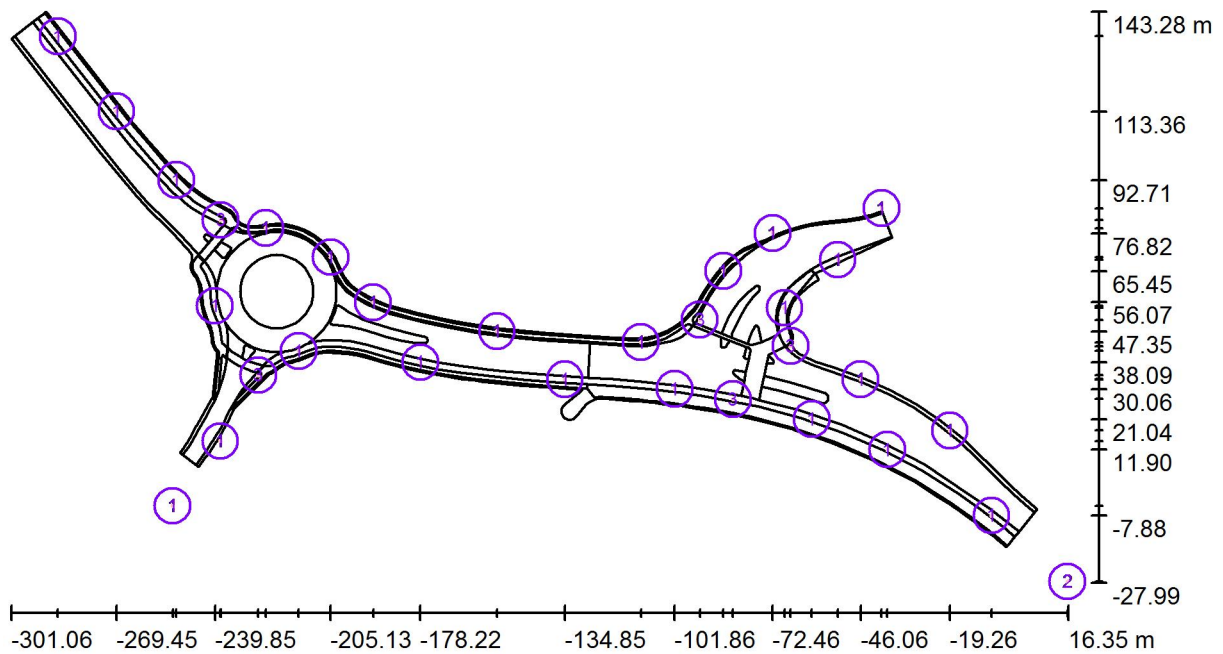
Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
1	25	Disano Illuminazione SpA 3290 16 LED 59w CLD CELL 3290 Sella 1 - ST (1.000)	7238	7238	64.5
2	1	Disano Illuminazione SpA 3290 8 LED 39w CLD CELL 3290 Sella 1 - ST (1.000)	4700	4700	41.9
3	5	Disano Illuminazione SpA 3293 LED 63w CLD CELL 3293 Sella 1 - Asimmetrico 60Å° (1.000)	4707	4707	68.9
			Total: 209179	Total: 209185	1998.9

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Zone 1 / Luminaires (layout plan)



Scale 1 : 2270

Luminaire Parts List

No.	Pieces	Designation
1	25	Disano Illuminazione SpA 3290 16 LED 59w CLD CELL 3290 Sella 1 - ST
2	1	Disano Illuminazione SpA 3290 8 LED 39w CLD CELL 3290 Sella 1 - ST
3	5	Disano Illuminazione SpA 3293 LED 63w CLD CELL 3293 Sella 1 - Asimmetrico 60°

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Zone 1 / 3D Rendering



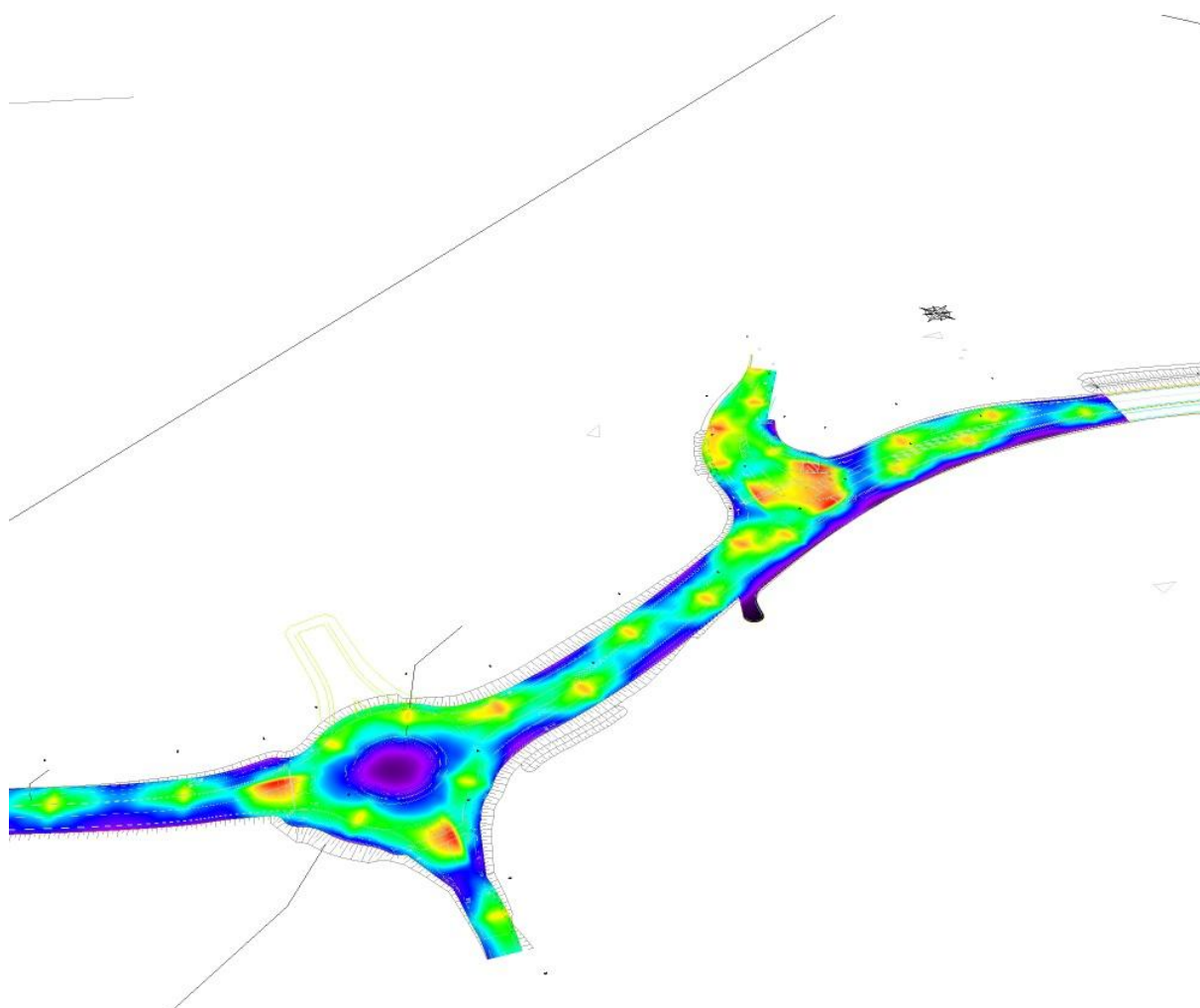


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Zone 1 / False Colour Rendering

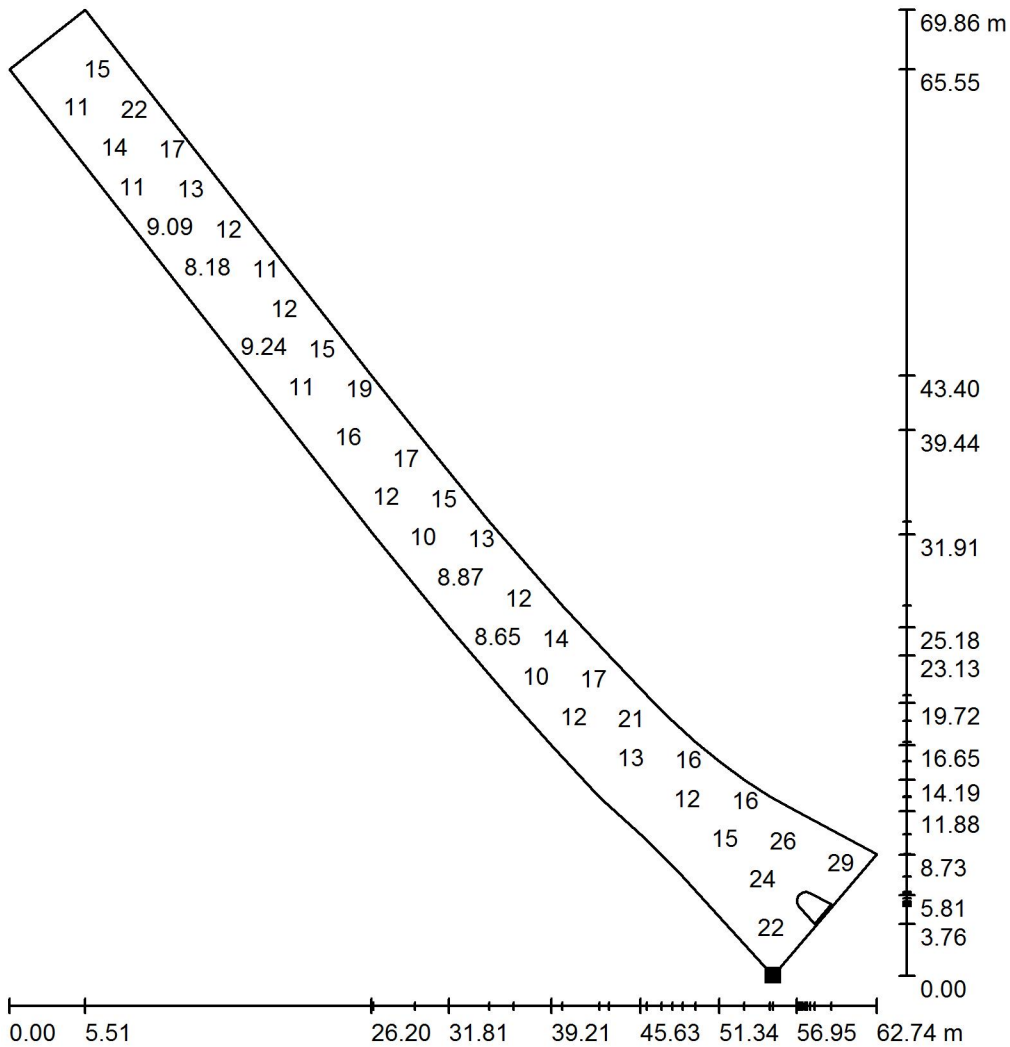


0 5 10 15 20 25 30 35 40 lx

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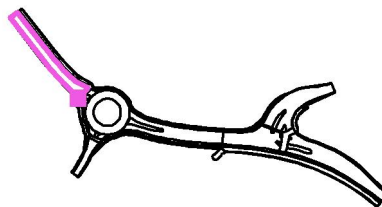
Zone 1 / Street Surface / 1 / Value Chart (E)



Values in Lux, Scale 1 : 547

Not all calculated values could be displayed.

Position of surface in external scene:
 Marked point:
 (-244.818 m, 70.329 m, 0.000 m)



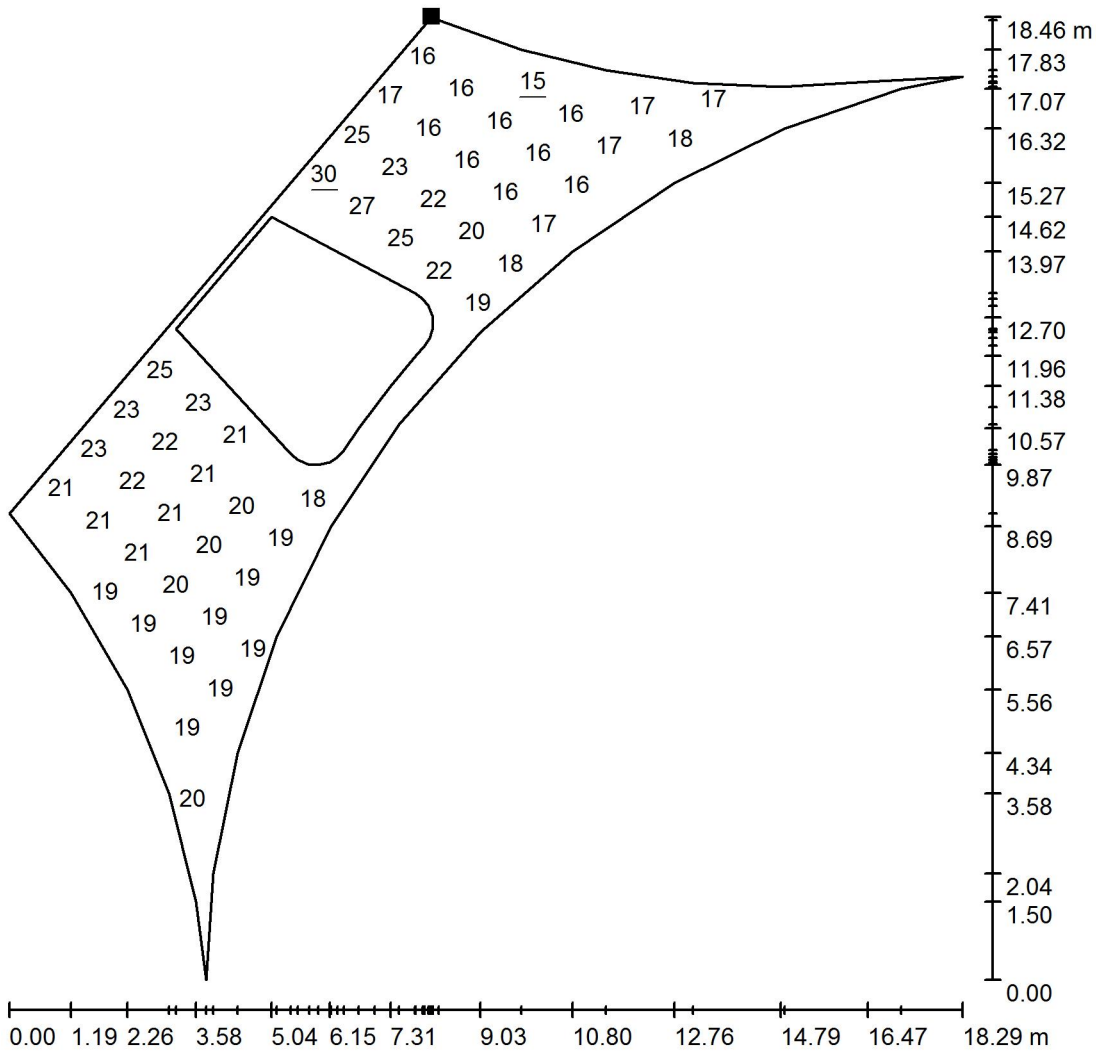
Grid: 86 x 12 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u_0	E_{min} / E_{max}
14	6.17	34	0.441	0.180

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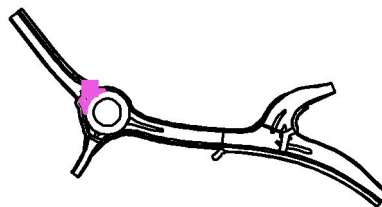
Zone 1 / Street Surface / 1 - enter / Value Chart (E)



Values in Lux, Scale 1 : 145

Not all calculated values could be displayed.

Position of surface in external scene:
 Marked point:
 (-235.014 m, 77.989 m, 0.000 m)



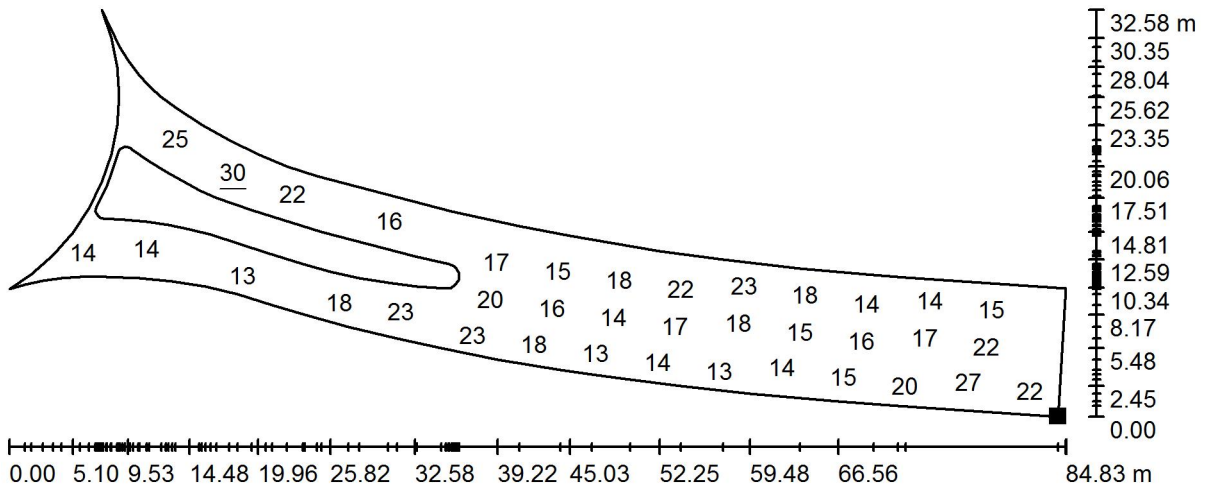
Grid: 23 x 9 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u_0	E_{min} / E_{max}
20	15	30	0.773	0.509

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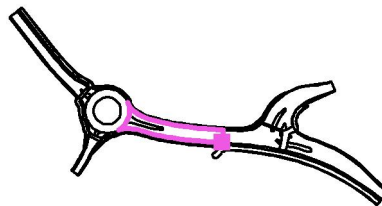
Zone 1 / Street Surface / 3 / Value Chart (E)



Values in Lux, Scale 1 : 607

Not all calculated values could be displayed.

Position of surface in external scene:
 Marked point:
 (-127.959 m, 33.524 m, 0.000 m)



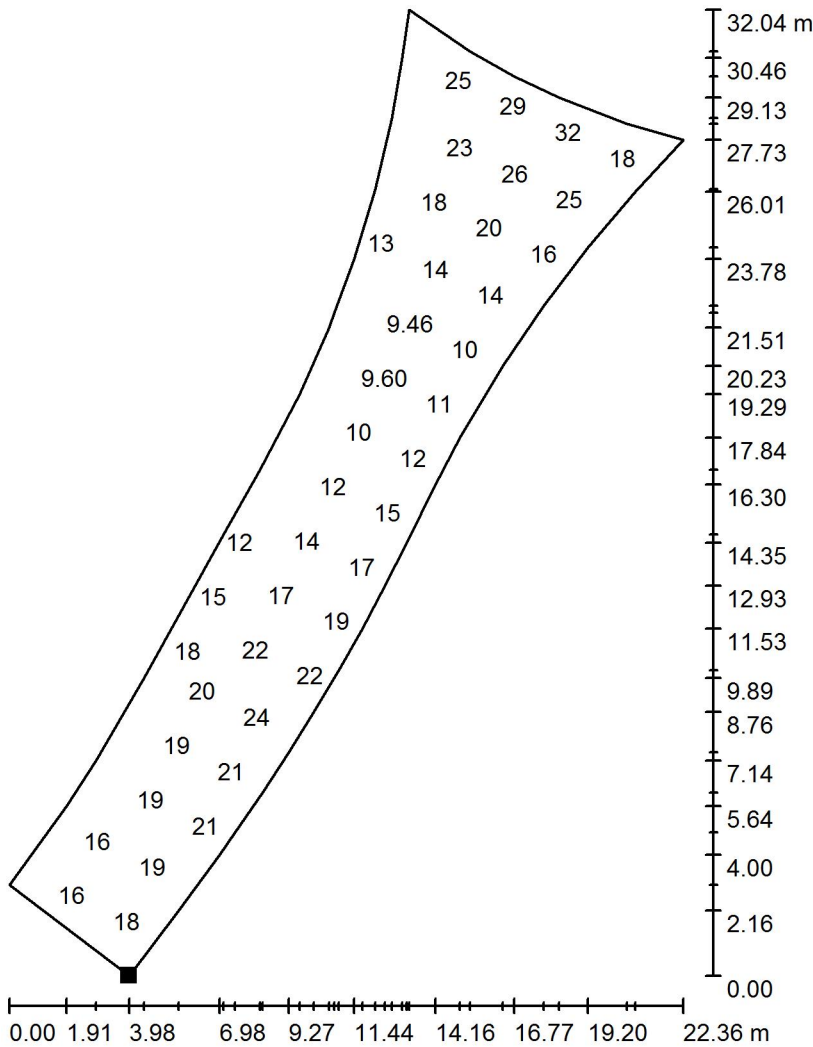
Grid: 85 x 23 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u_0	E_{min} / E_{max}
18	9.32	30	0.529	0.309

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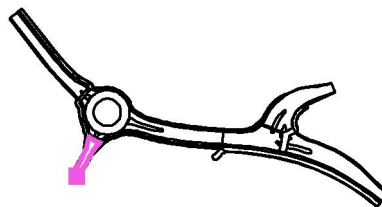
Zone 1 / Street Surface / 2 / Value Chart (E)



Values in Lux, Scale 1 : 251

Not all calculated values could be displayed.

Position of surface in external scene:
Marked point:
(-245.664 m, 7.364 m, 0.000 m)



Grid: 10 x 33 Points

E_{av} [lx]
17

E_{min} [lx]
8.28

E_{max} [lx]
33

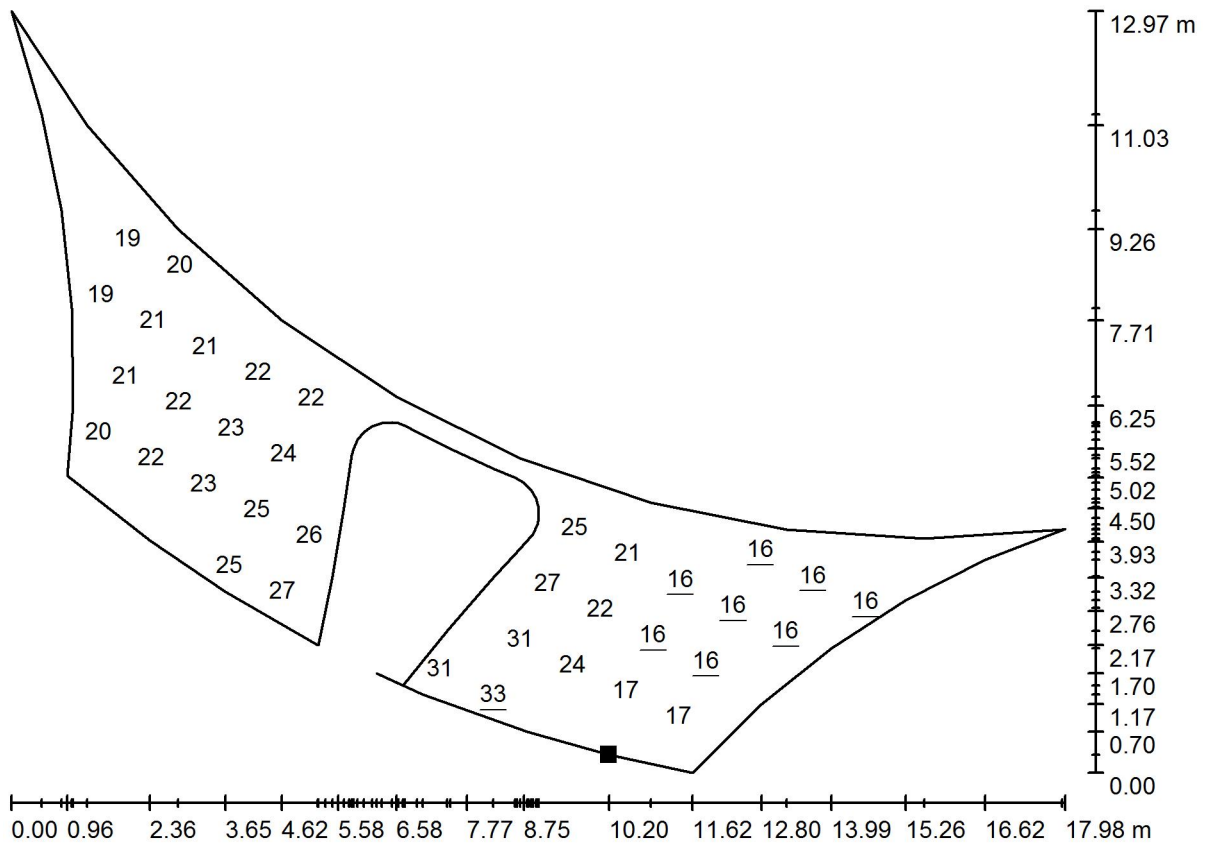
u_0
0.484

E_{min} / E_{max}
0.249

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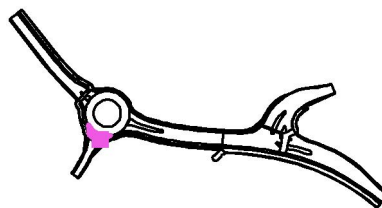
Zone 1 / Street Surface / 2 - enter / Value Chart (E)



Values in Lux, Scale 1 : 129

Not all calculated values could be displayed.

Position of surface in external scene:
 Marked point:
 (-226.737 m, 37.536 m, 0.000 m)



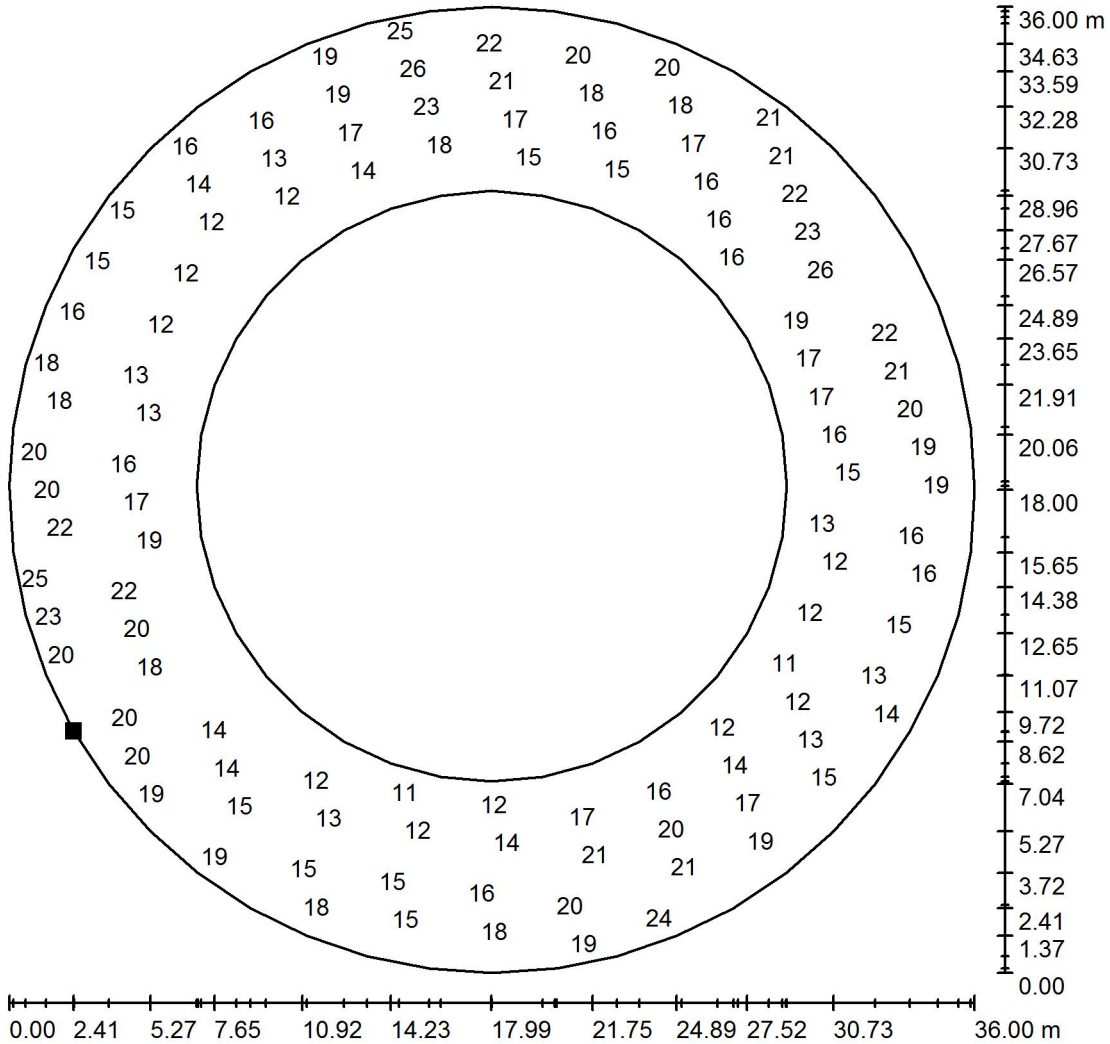
Grid: 20 x 7 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u_0	E_{min} / E_{max}
21	16	33	0.739	0.479

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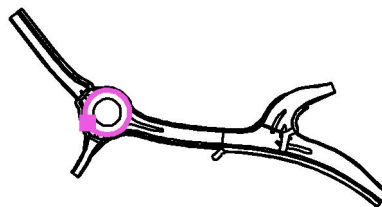
Zone 1 / Roundabout / Surface 1 / Value Chart (E)



Values in Lux, Scale 1 : 282

Not all calculated values could be displayed.

Position of surface in external scene:
 Marked point:
 (-236.946 m, 50.219 m, 0.000 m)



Grid: 24 x 24 Points

E_{av} [lx]
17

E_{min} [lx]
9.83

E_{max} [lx]
27

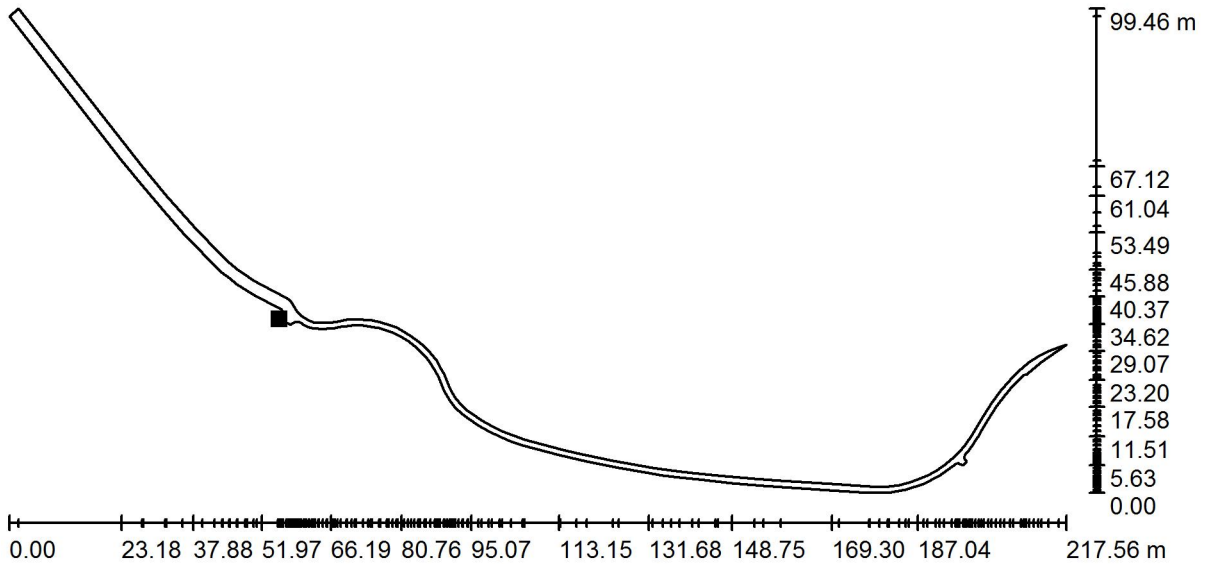
u_0
0.589

E_{min} / E_{max}
0.367

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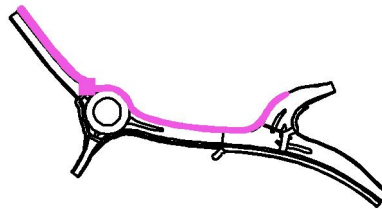
Zone 1 / Bicycle Lane 1 / Surface 1 / Value Chart (E)



Values in Lux, Scale 1 : 1556

Not all calculated values could be displayed.

Position of surface in external scene:
 Marked point:
 (-237.326 m, 79.130 m, 0.000 m)



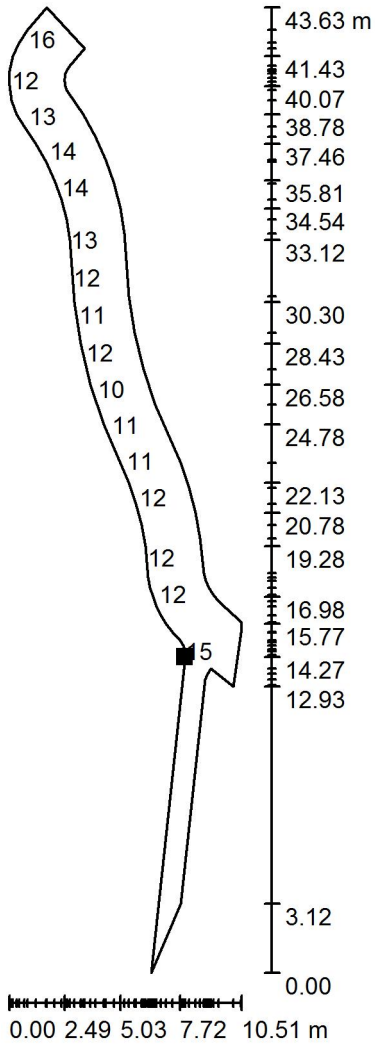
Grid: 152 x 36 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
15	6.12	26	0.410	0.236

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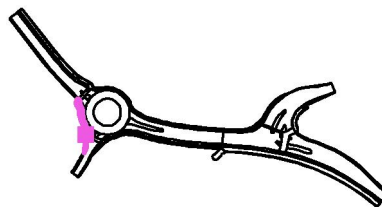
Zone 1 / Bicycle Lane 2 / Surface 1 / Value Chart (E)



Values in Lux, Scale 1 : 342

Not all calculated values could be displayed.

Position of surface in external scene:
Marked point:
(-238.685 m, 40.845 m, 0.000 m)



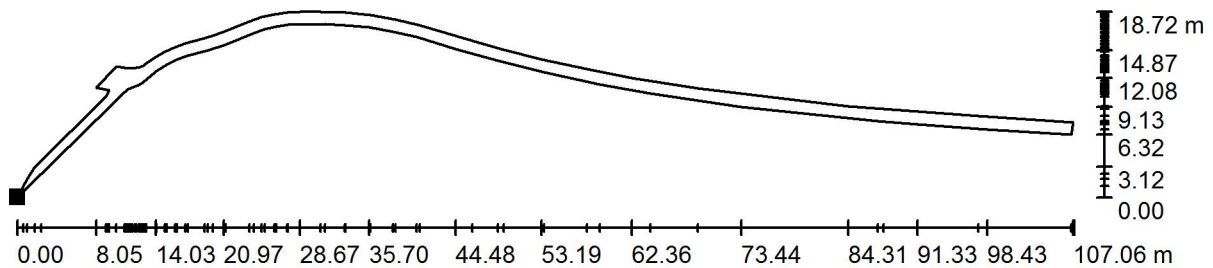
Grid: 128 x 128 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u_0	E_{min} / E_{max}
14	7.20	19	0.527	0.370

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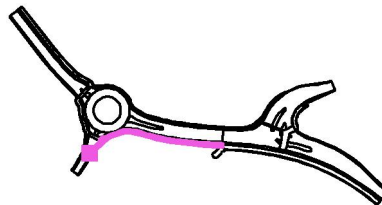
Zone 1 / Bicycle Lane 4 / Surface 1 / Value Chart (E)



Values in Lux, Scale 1 : 766

Not all calculated values could be displayed.

Position of surface in external scene:
 Marked point:
 (-235.169 m, 23.983 m, 0.000 m)



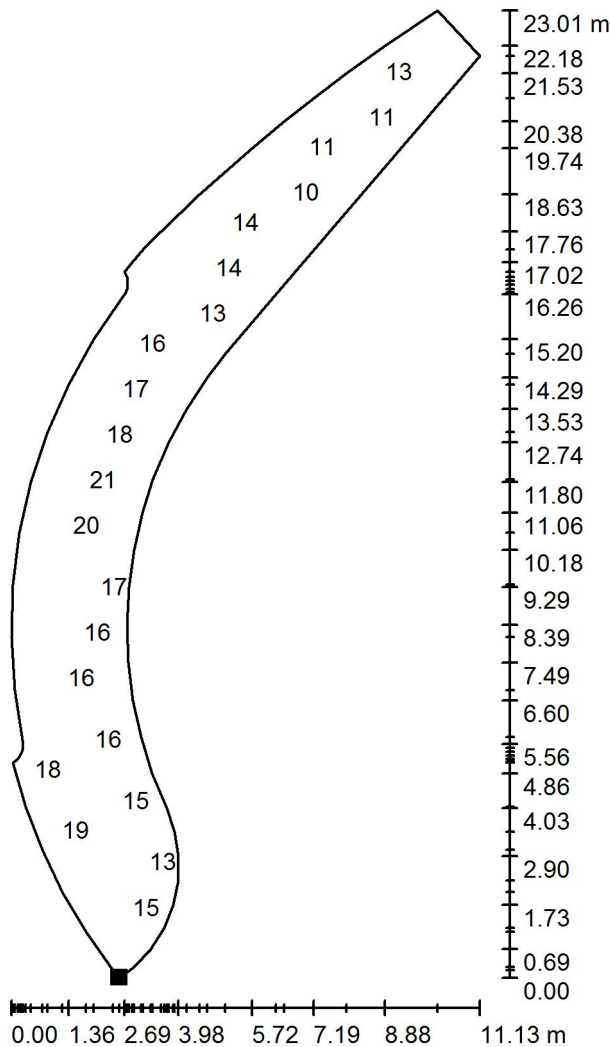
Grid: 50 x 8 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
11	4.68	18	0.434	0.257

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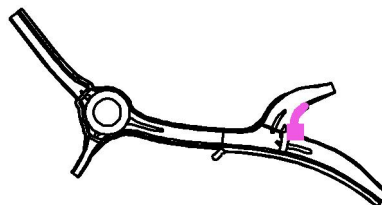
Zone 1 / Bicycle Lane 3 / Surface 1 / Value Chart (E)



Values in Lux, Scale 1 : 180

Not all calculated values could be displayed.

Position of surface in external scene:
Marked point:
(-68.381 m, 42.801 m, 0.000 m)



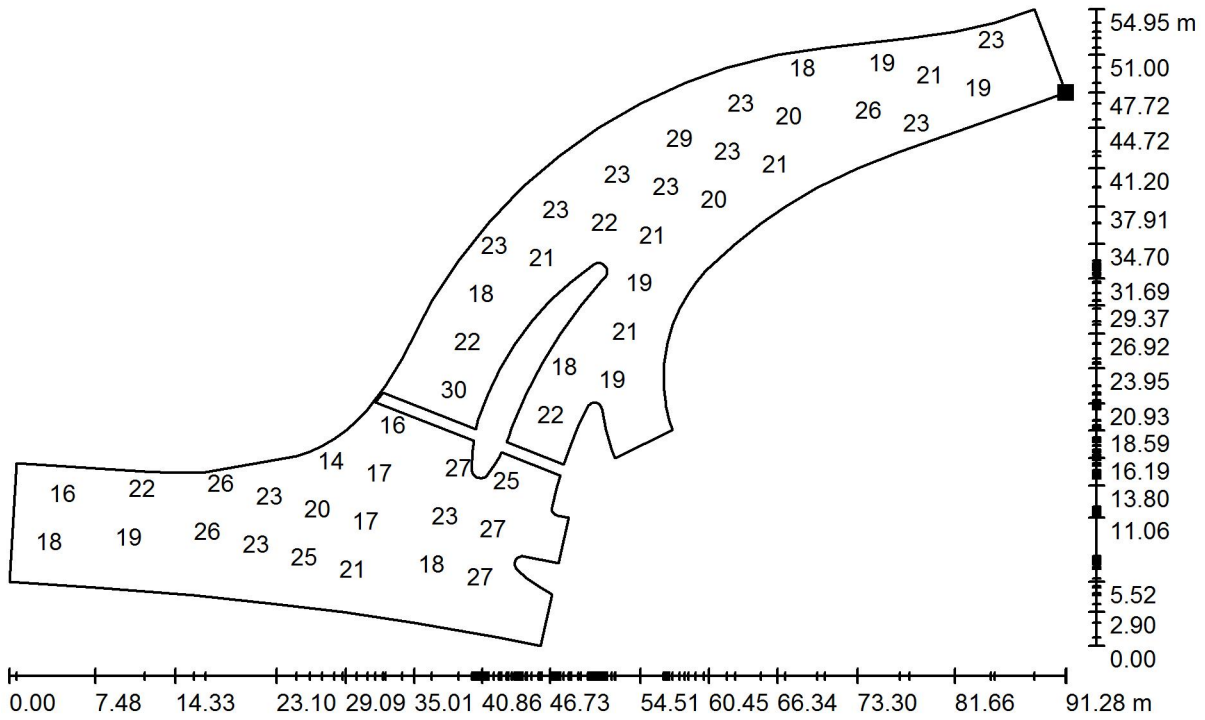
Grid: 21 x 6 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u_0	E_{min} / E_{max}
16	8.96	24	0.561	0.375

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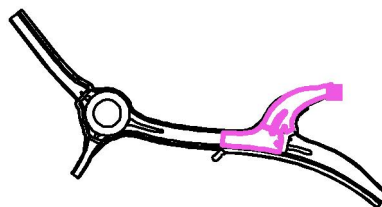
Zone 1 / Interchange / Surface 1 / Value Chart (E)



Values in Lux, Scale 1 : 653

Not all calculated values could be displayed.

Position of surface in external scene:
 Marked point:
 (-36.683 m, 75.719 m, 0.000 m)



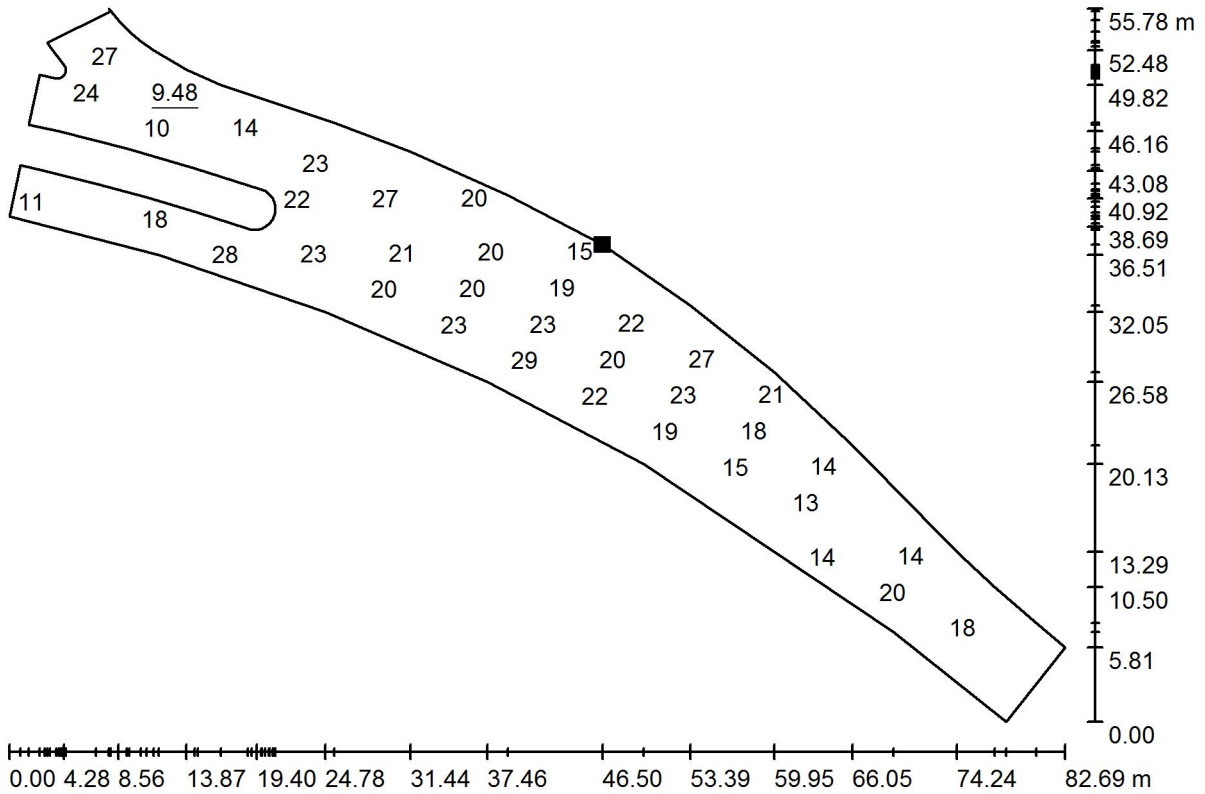
Grid: 33 x 12 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u_0	E_{min} / E_{max}
21	11	33	0.510	0.329

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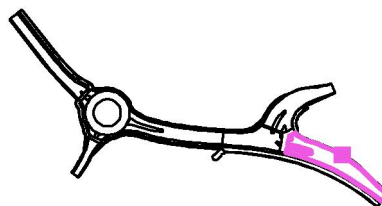
Zone 1 / Interchange / Surface 1 / Value Chart (E)



Values in Lux, Scale 1 : 592

Not all calculated values could be displayed.

Position of surface in external scene:
 Marked point:
 (-30.118 m, 24.613 m, 0.000 m)



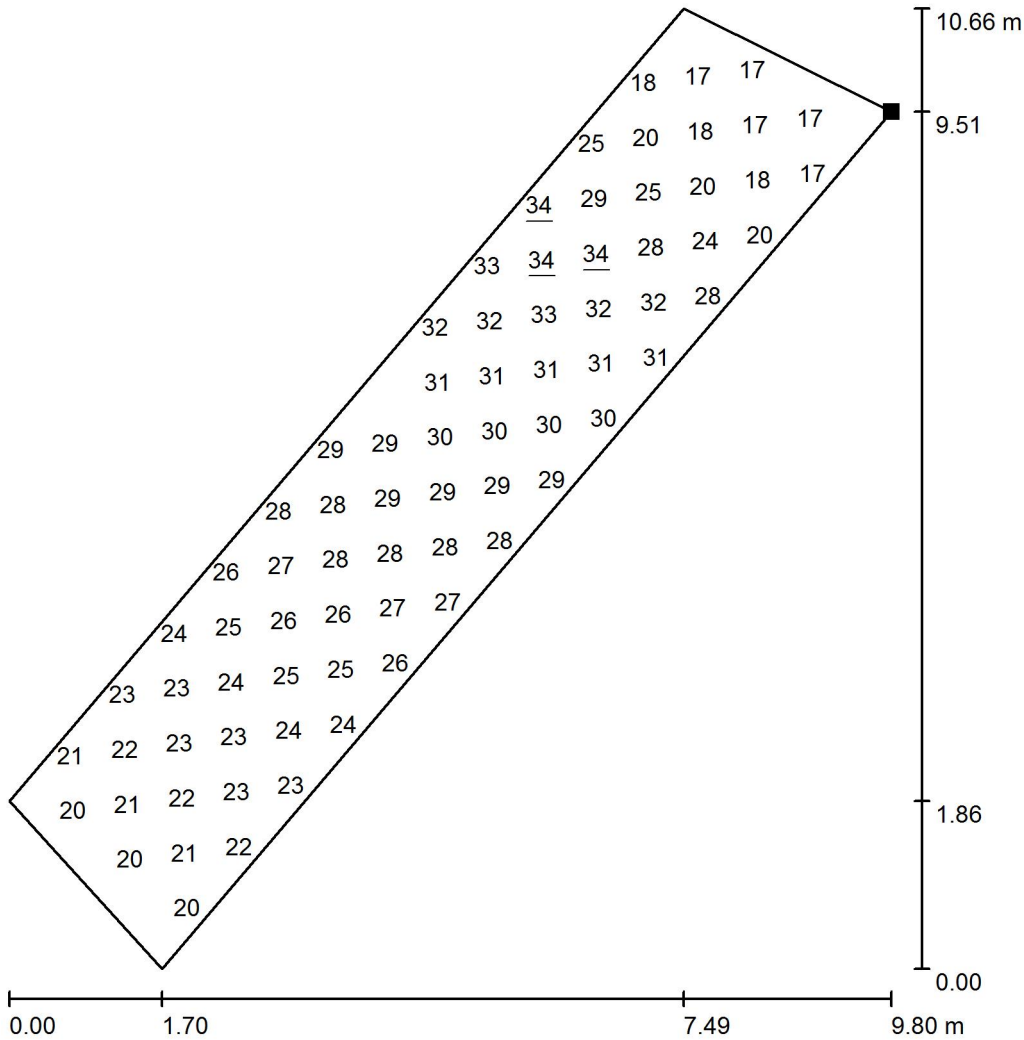
Grid: 30 x 6 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
19	9.48	33	0.508	0.288

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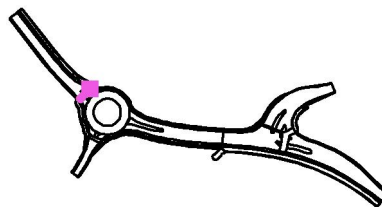
Zone 1 / Bicycle Lane crossing / Surface 1 / Value Chart (E)



Values in Lux, Scale 1 : 84

Not all calculated values could be displayed.

Position of surface in external scene:
 Marked point:
 (-235.019 m, 77.983 m, 0.000 m)



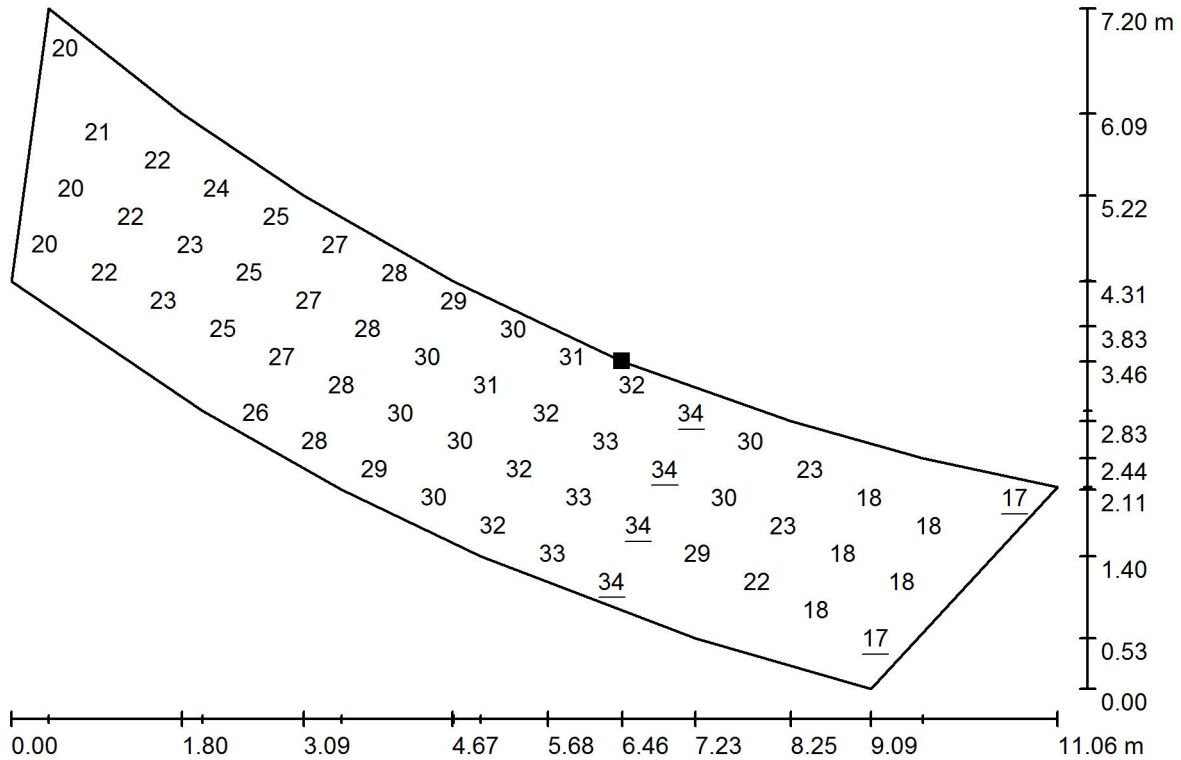
Grid: 28 x 6 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u_0	E_{min} / E_{max}
25	16	34	0.647	0.480

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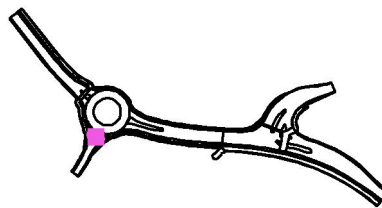
Zone 1 / Bicycle Lane + pedestrian crossing / Surface 1 / Value Chart (E)



Values in Lux, Scale 1 : 80

Not all calculated values could be displayed.

Position of surface in external scene:
 Marked point:
 (-229.915 m, 38.560 m, 0.000 m)



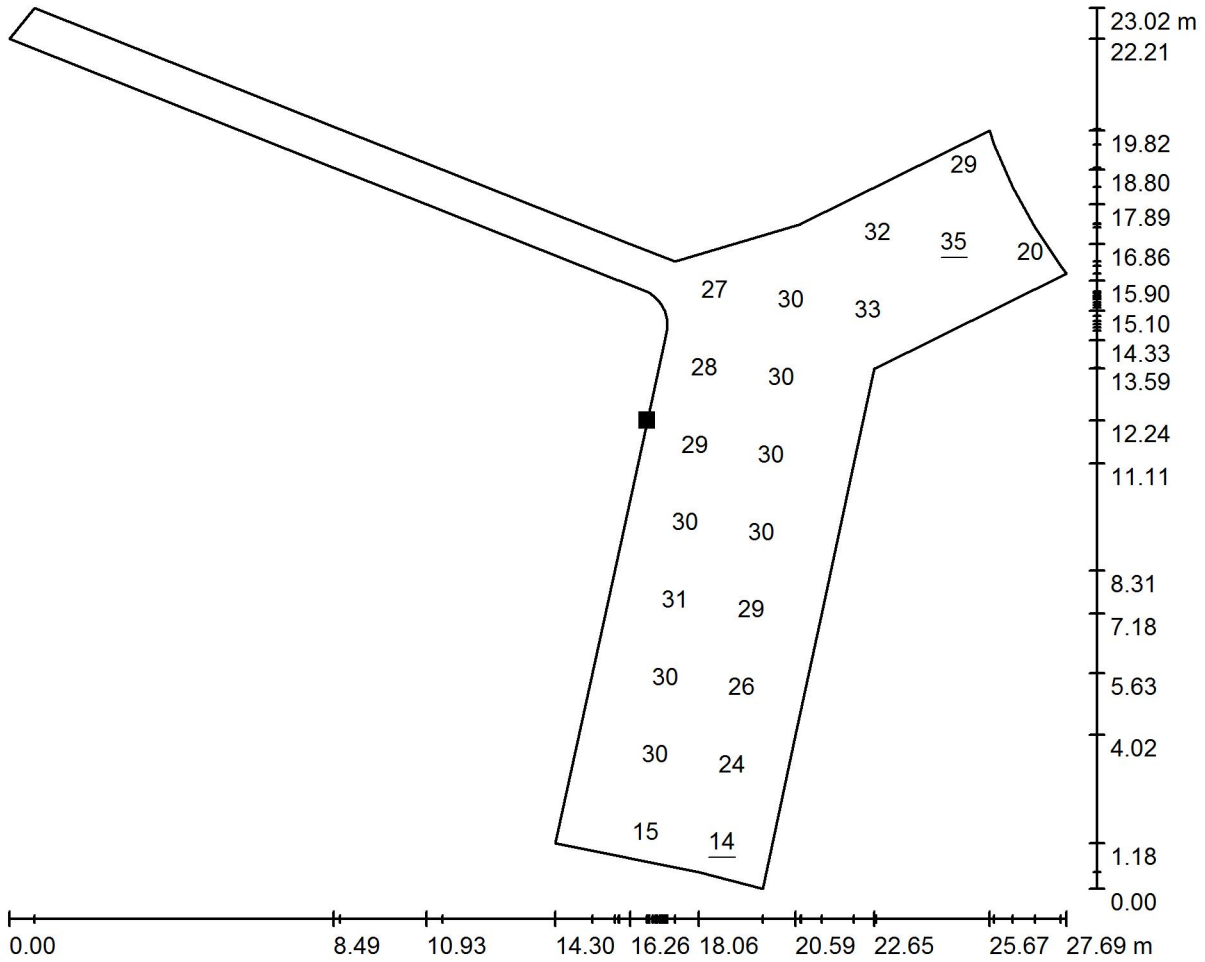
Grid: 17 x 5 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
26	17	34	0.670	0.503

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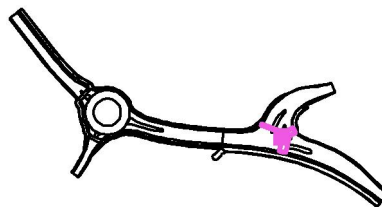
Zone 1 / Pedestrian Crossing / Surface 1 / Value Chart (E)



Values in Lux, Scale 1 : 198

Not all calculated values could be displayed.

Position of surface in external scene:
 Marked point:
 (-79.637 m, 39.059 m, 0.000 m)



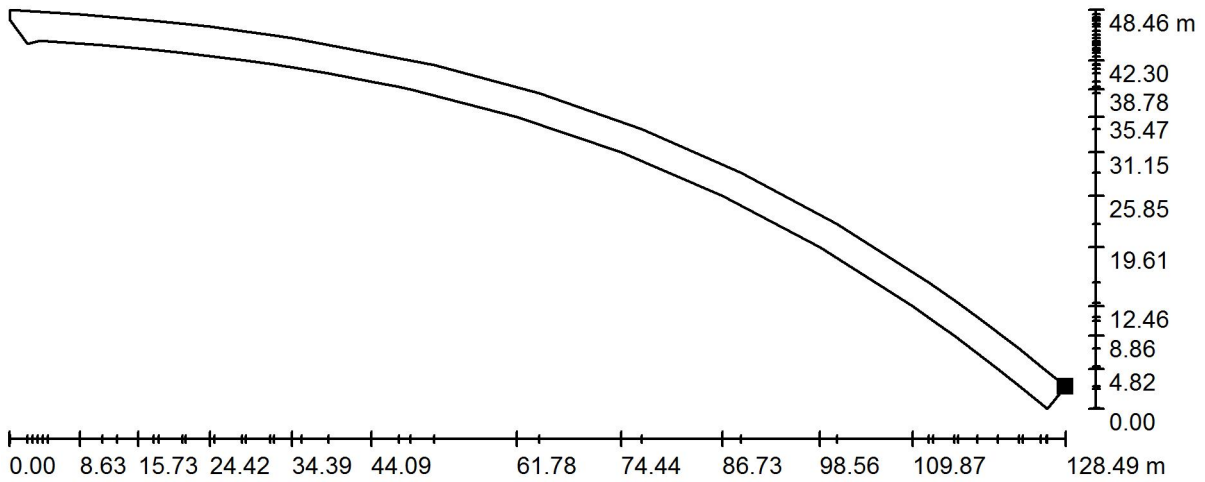
Grid: 14 x 10 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u_0	E_{min} / E_{max}
27	14	35	0.512	0.398

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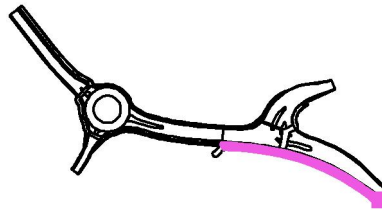
Zone 1 / Acces Road / Surface 1 / Value Chart (E)



Values in Lux, Scale 1 : 919

Not all calculated values could be displayed.

Position of surface in external scene:
 Marked point:
 (0.233 m, -14.224 m, 0.000 m)



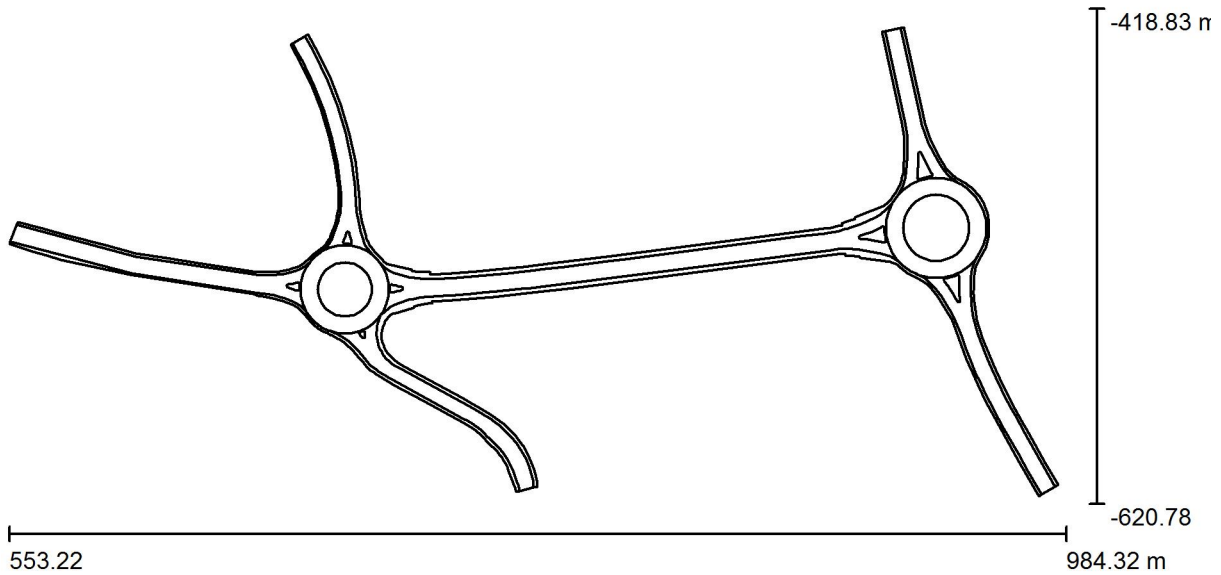
Grid: 94 x 11 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
8.42	2.77	19	0.329	0.147

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Zone 2 / Planning data



Maintenance factor: 0.90, ULR (Upward Light Ratio): 0.0%

Scale 1:3083

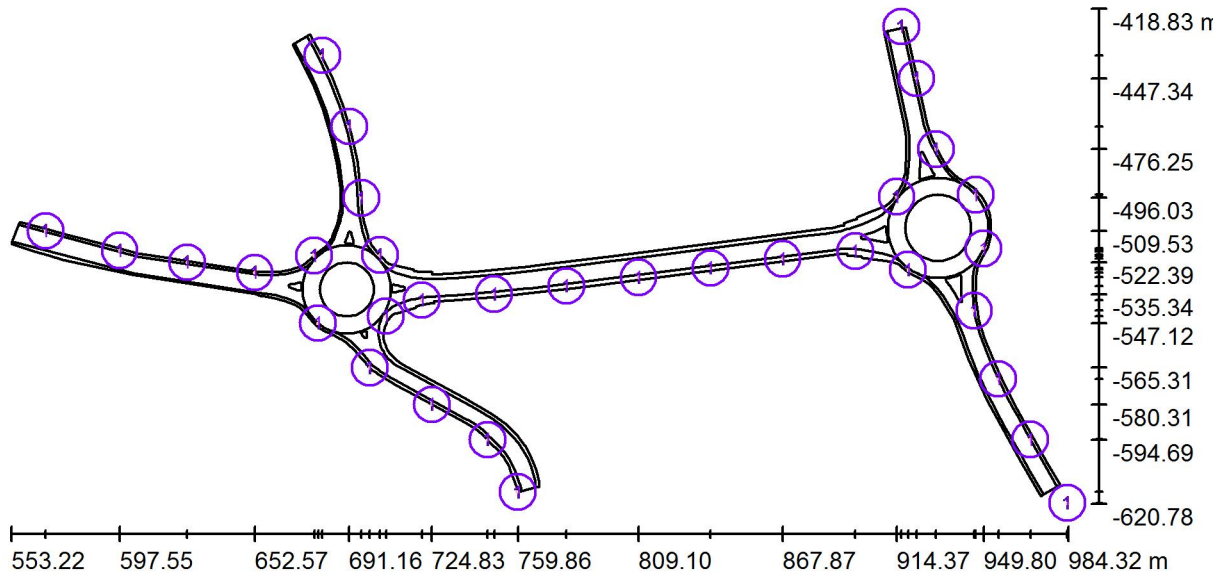
Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
1	33	Disano Illuminazione SpA 3290 16 LED 59w CLD CELL 3290 Sella 1 - ST (1.000)	7238	7238	64.5
Total:			238846	Total: 238854	2128.5

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Zone 2 / Luminaires (layout plan)



Scale 1 : 3083

Luminaire Parts List

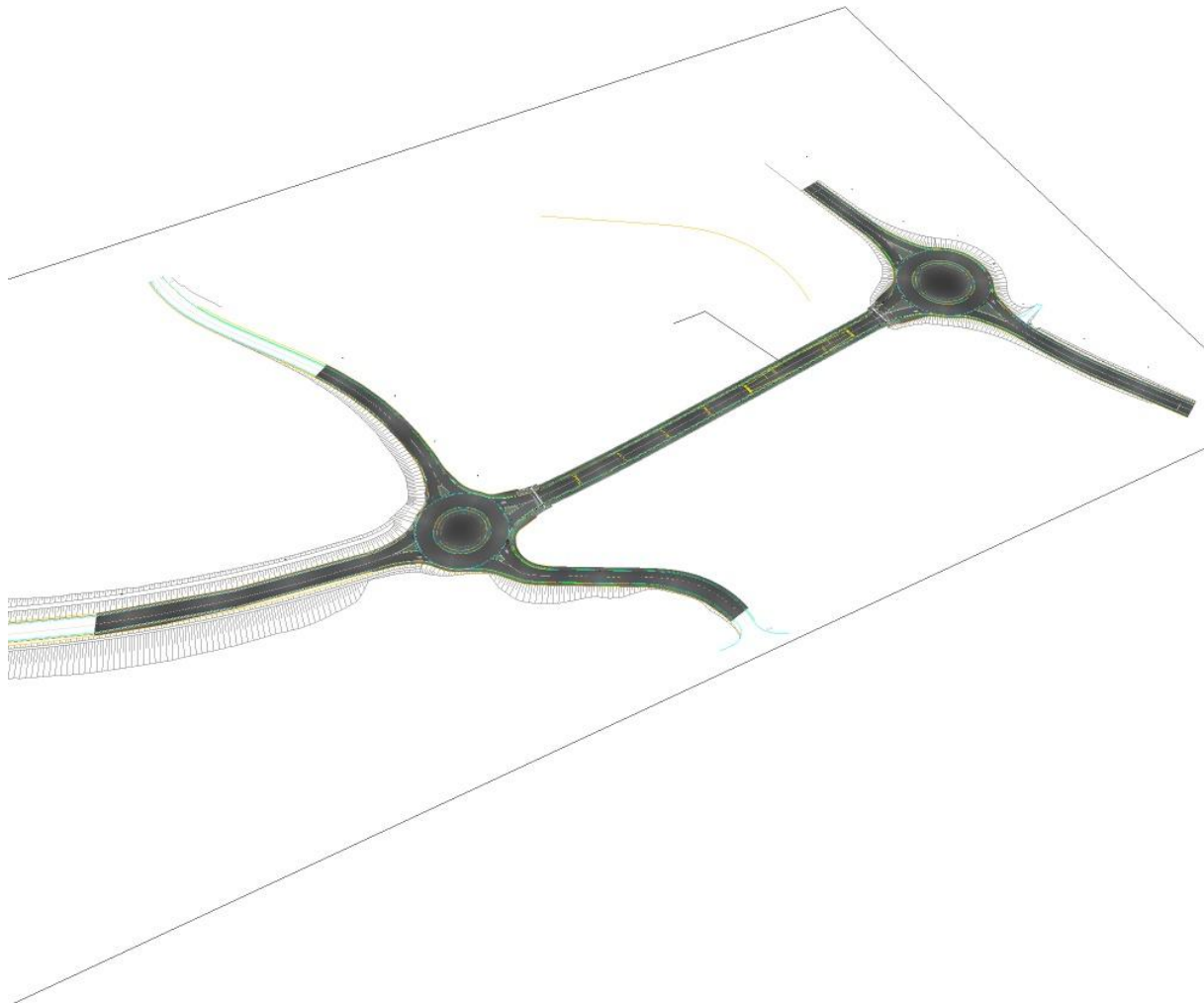
No.	Pieces	Designation
1	33	Disano Illuminazione SpA 3290 16 LED 59w CLD CELL 3290 Sella 1 - ST



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Zone 2 / 3D Rendering



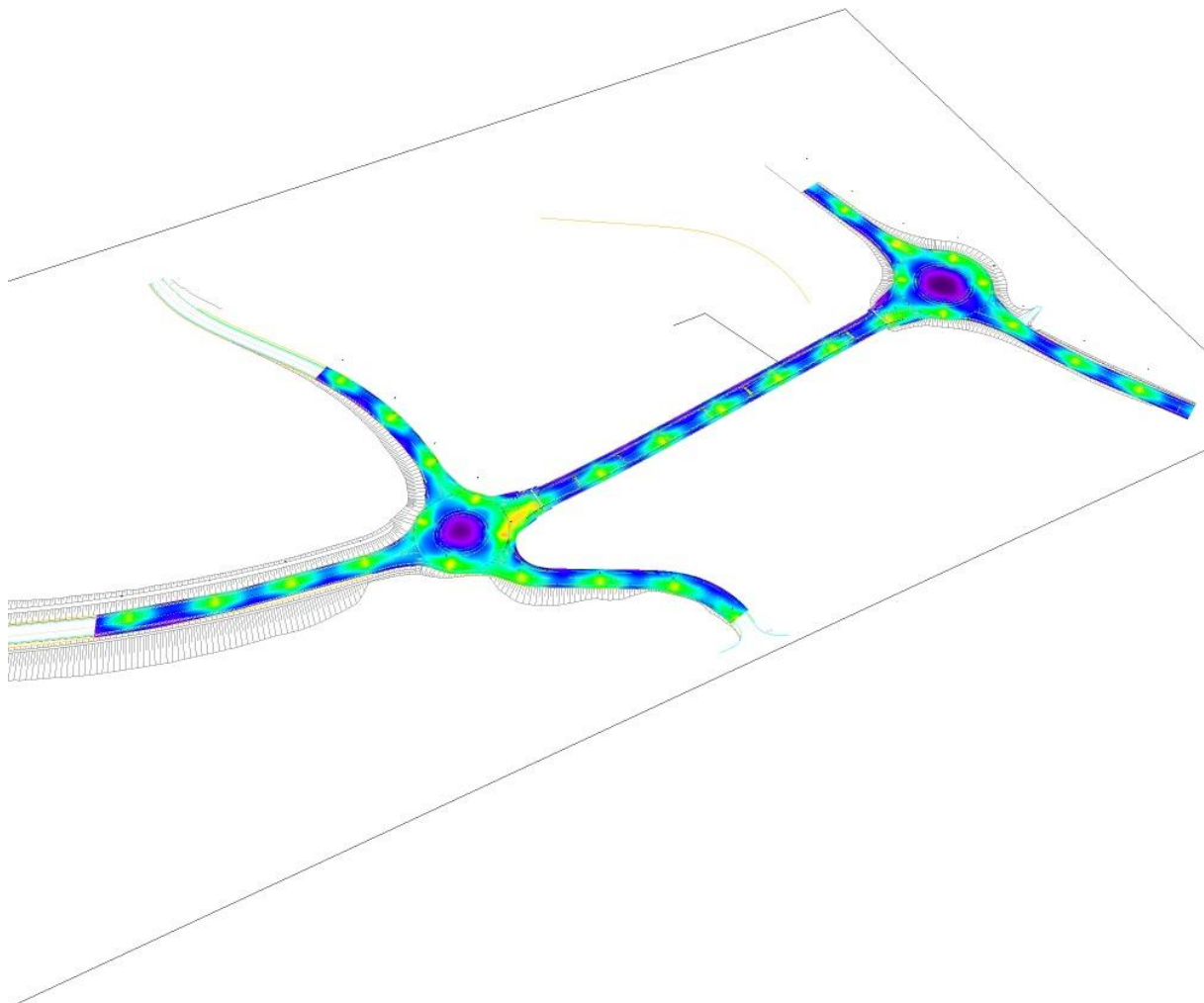


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Zone 2 / False Colour Rendering



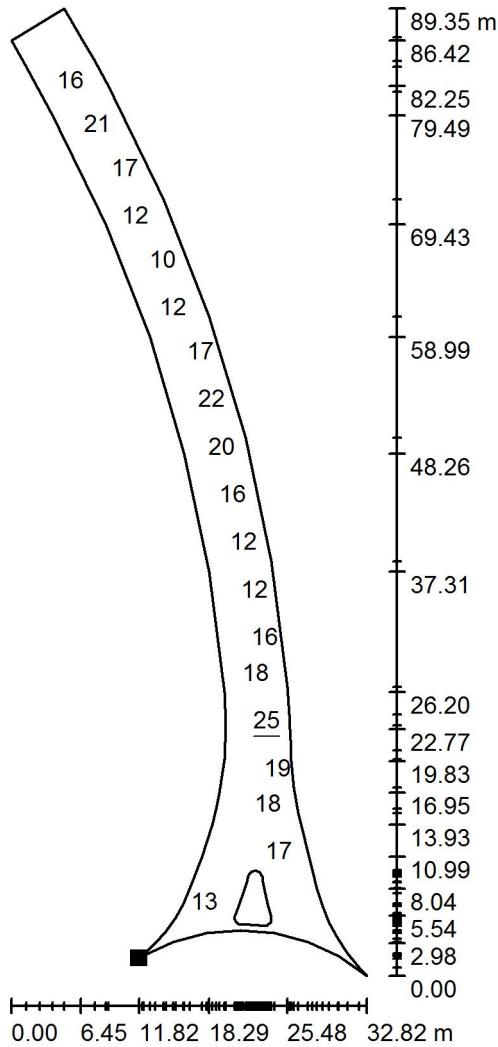
0 5 10 15 20 25 30 35 40

lx

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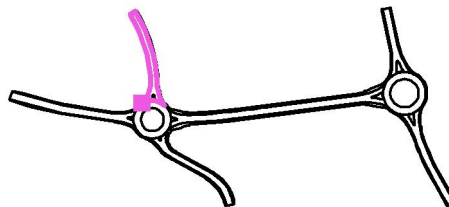
Zone 2 / Street Surface / Surface 1 / Value Chart (E)



Values in Lux, Scale 1 : 699

Not all calculated values could be displayed.

Position of surface in external scene:
 Marked point:
 (680.648 m, -517.959 m, 0.000 m)



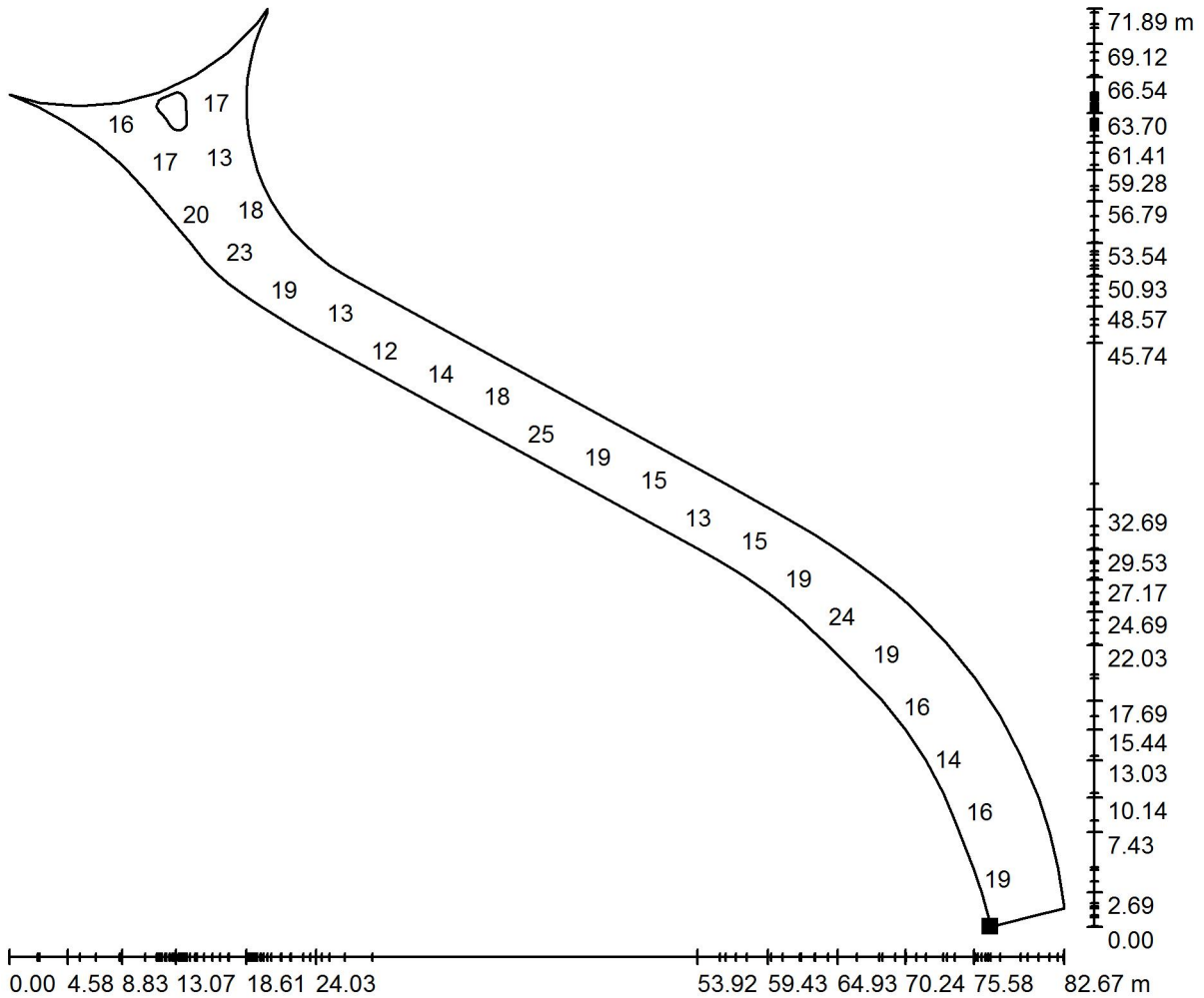
Grid: 62 x 13 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u_0	E_{min} / E_{max}
15	7.56	25	0.506	0.298

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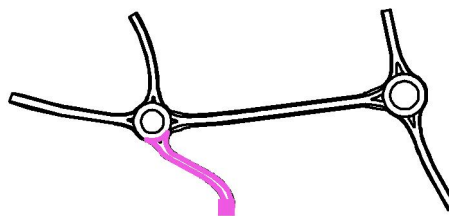
Zone 2 / Street Surface / Surface 1 / Value Chart (E)



Values in Lux, Scale 1 : 592

Not all calculated values could be displayed.

Position of surface in external scene:
 Marked point:
 (761.370 m, -615.599 m, 0.000 m)



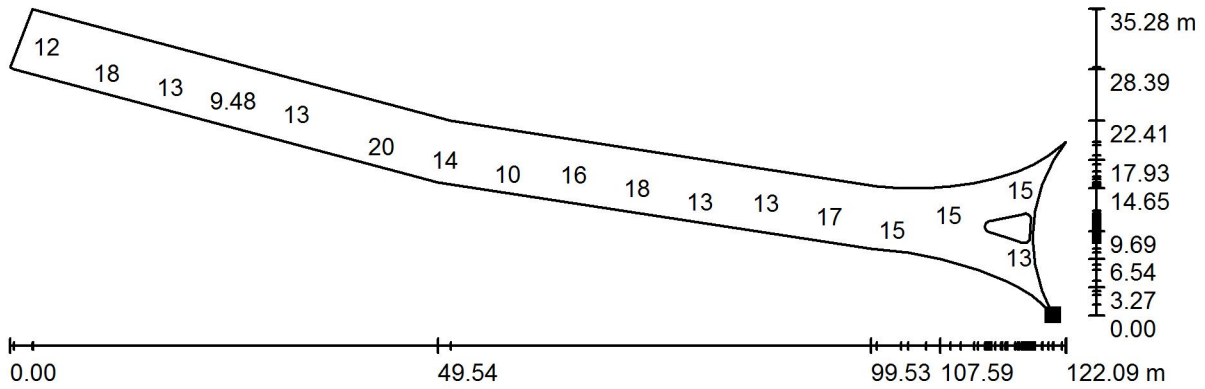
Grid: 69 x 12 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u_0	E_{min} / E_{max}
16	8.90	26	0.567	0.347

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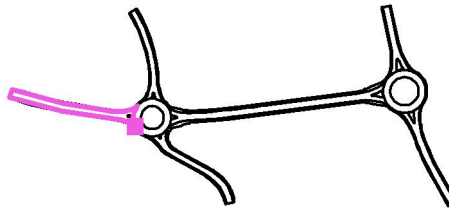
Zone 2 / Street Surface / Surface 1 / Value Chart (E)



Values in Lux, Scale 1 : 873

Not all calculated values could be displayed.

Position of surface in external scene:
 Marked point:
 (674.286 m, -542.274 m, 0.000 m)



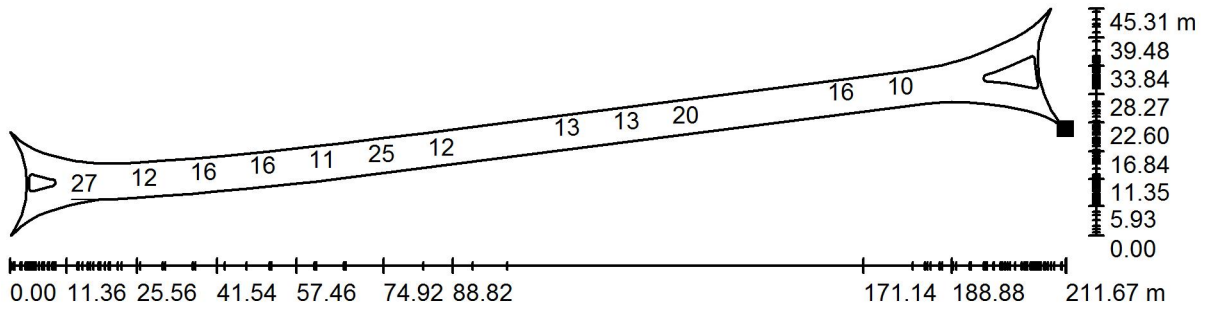
Grid: 83 x 13 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u_0	E_{min} / E_{max}
15	6.92	25	0.470	0.273

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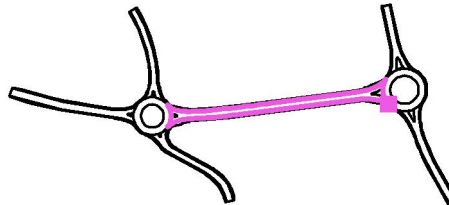
Zone 2 / Street Surface / Surface 1 / Value Chart (E)



Values in Lux, Scale 1 : 1514

Not all calculated values could be displayed.

Position of surface in external scene:
 Marked point:
 (916.328 m, -522.281 m, 0.000 m)



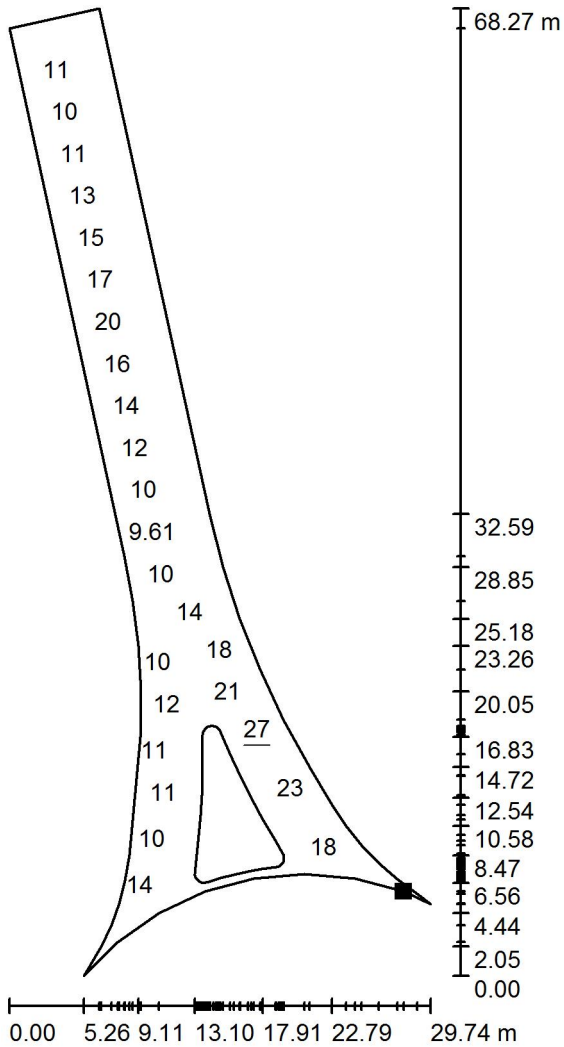
Grid: 142 x 16 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
15	7.61	27	0.504	0.283

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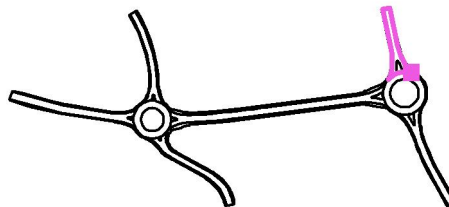
Zone 2 / Street Surface / Surface 1 / Value Chart (E)



Values in Lux, Scale 1 : 534

Not all calculated values could be displayed.

Position of surface in external scene:
Marked point:
(938.203 m, -489.036 m, 0.000 m)



Grid: 17 x 44 Points

E_{av} [lx]
15

E_{min} [lx]
7.12

E_{max} [lx]
27

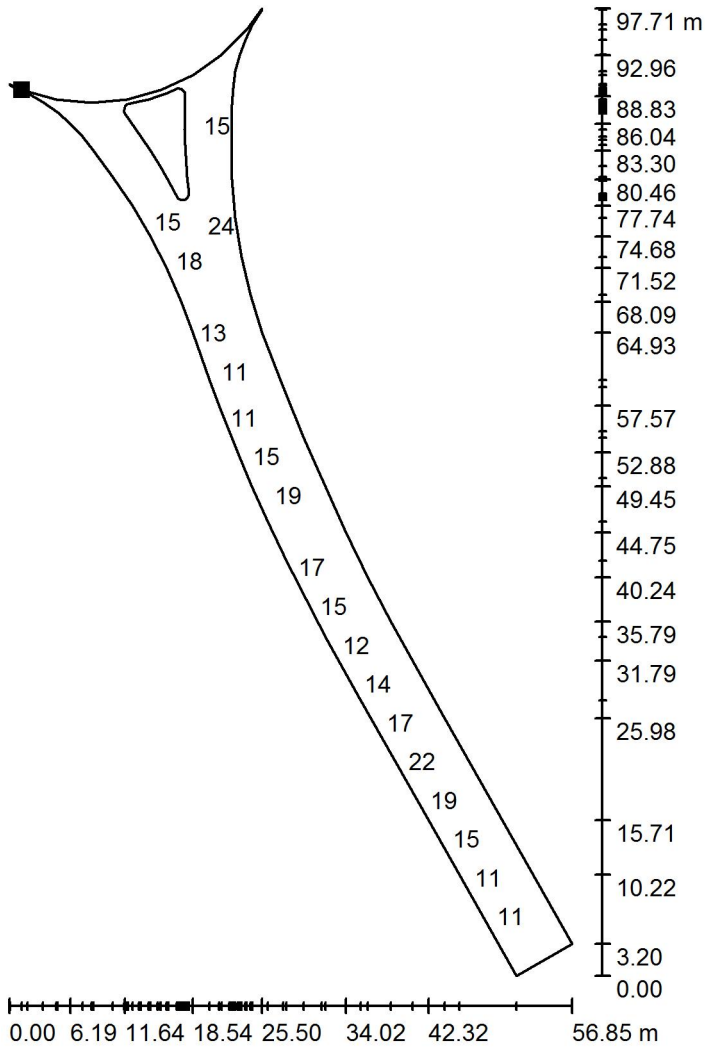
u_0
0.484

E_{min} / E_{max}
0.262

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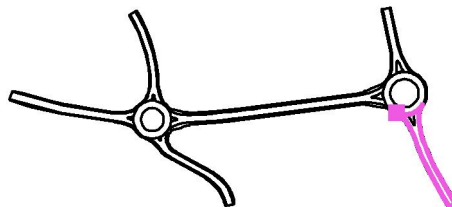
Zone 2 / Street Surface / Surface 1 / Value Chart (E)



Values in Lux, Scale 1 : 764

Not all calculated values could be displayed.

Position of surface in external scene:
 Marked point:
 (924.181 m, -527.524 m, 0.000 m)



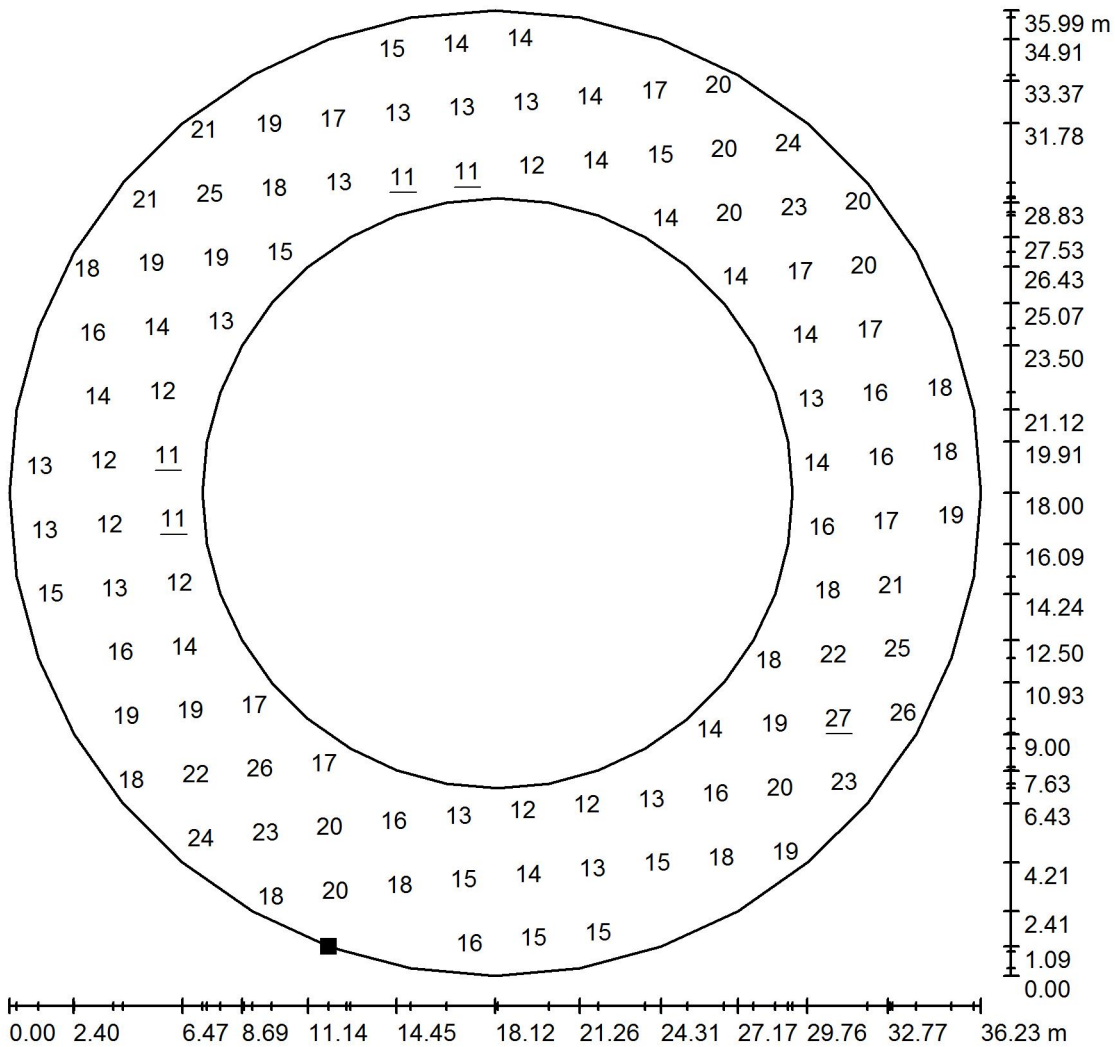
Grid: 69 x 17 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u_0	E_{min} / E_{max}
15	8.71	26	0.588	0.336

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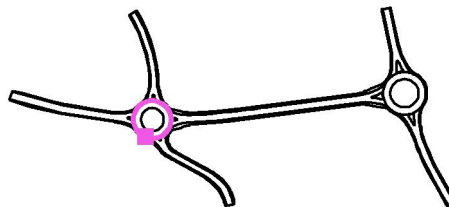
Zone 2 / Roundabout 1 / Surface 1 / Value Chart (E)



Values in Lux, Scale 1 : 282

Not all calculated values could be displayed.

Position of surface in external scene:
Marked point:
(683.807 m, -550.247 m, 0.000 m)



Grid: 15 x 15 Points

E_{av} [lx]
17

E_{min} [lx]
11

E_{max} [lx]
27

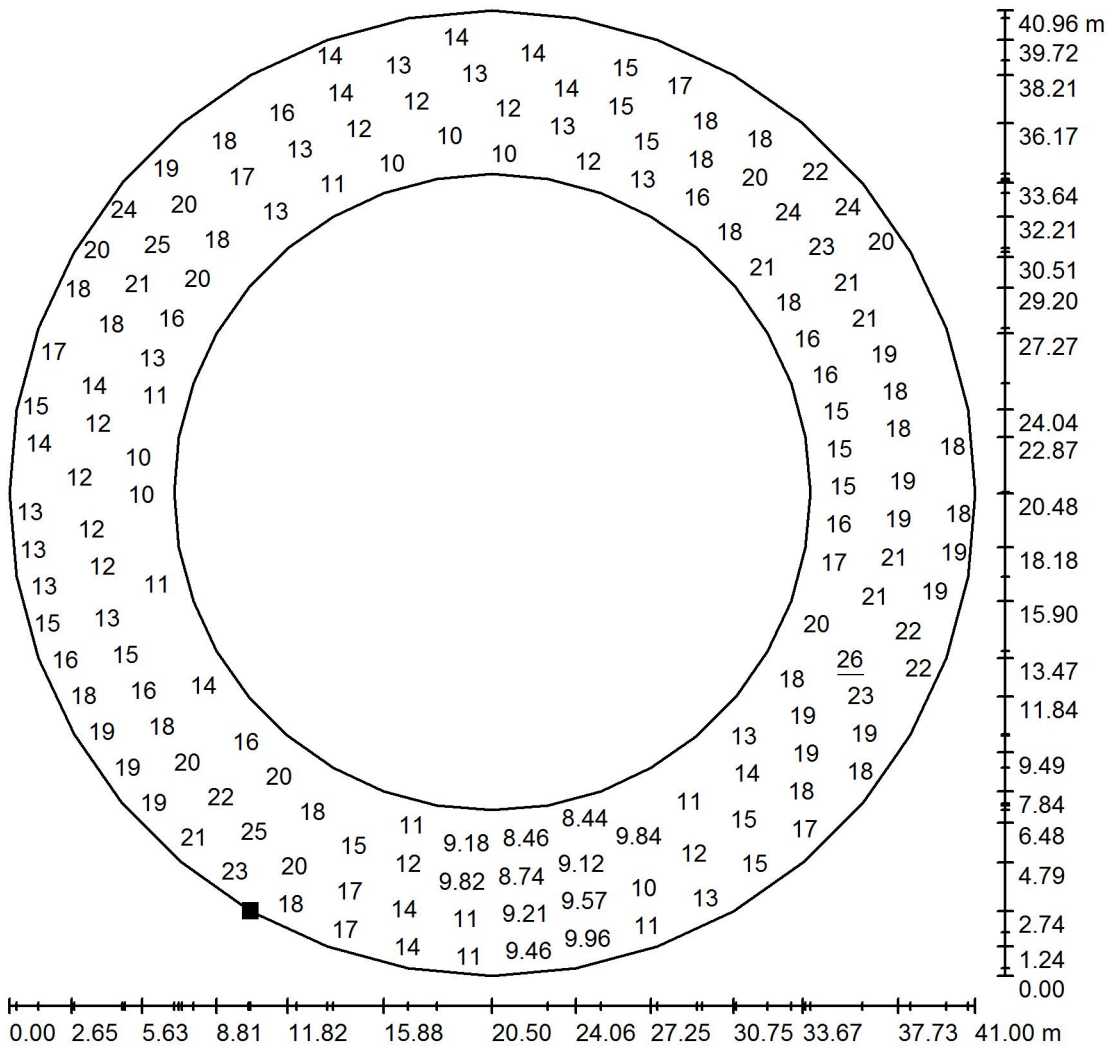
u_0
0.664

E_{min} / E_{max}
0.414

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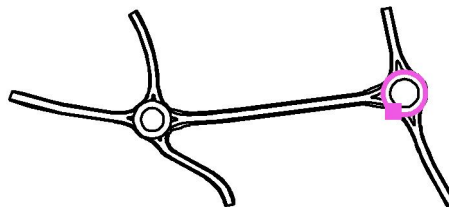
Zone 2 / Roundabout 2 / Surface 1 / Value Chart (E)



Values in Lux, Scale 1 : 321

Not all calculated values could be displayed.

Position of surface in external scene:
 Marked point:
 (920.943 m, -526.015 m, 0.000 m)



Grid: 128 x 128 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u_0	E_{min} / E_{max}
16	7.65	26	0.490	0.292

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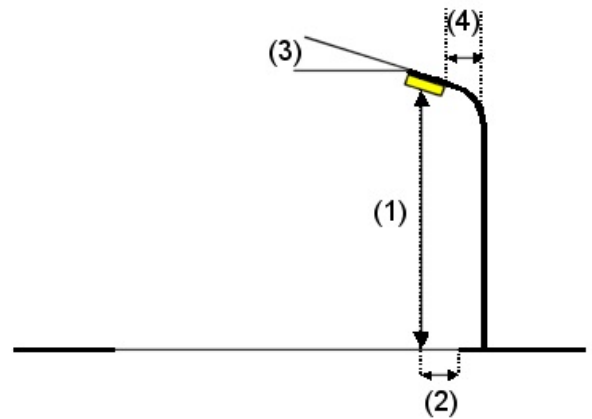
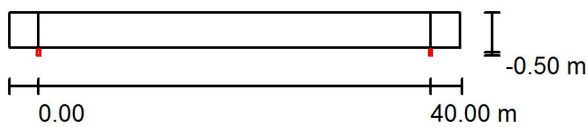
Access Road / Planning data

Street Profile

Roadway 1 (Width: 3.500 m, Number of lanes: 1, tarmac: C2, q0: 0.070)

Maintenance factor: 0.90

Luminaire Arrangements



Luminaire: Disano Illuminazione SpA 3290 8 LED 39w CLD CELL 3290 Sella 1 - ST
Luminous flux (Luminaire): 4700 lm
Luminous flux (Lamps): 4700 lm
Luminaire Wattage: 41.9 W
Arrangement: Single row, bottom
Pole Distance: 40.000 m
Mounting Height (1): 10.000 m
Height: 9.820 m
Overhang (2): -0.500 m
Boom Angle (3): 0.0 °
Boom Length (4): 0.000 m

Maximum luminous intensities
at 70°: 496 cd/klm
at 80°: 61 cd/klm
at 90°: 0.00 cd/klm

Any direction forming the specified angle from the downward vertical, with the luminaire installed for use.

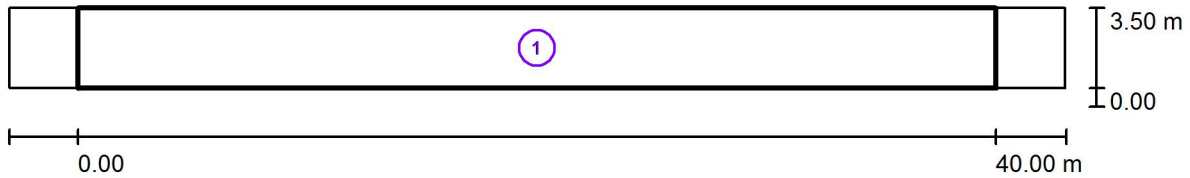
No luminous intensities above 90°.

Arrangement complies with luminous intensity class G4.
Arrangement complies with glare index class D.4.

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Acces Road / Photometric Results



Maintenance factor: 0.90

Scale 1:329

Calculation Field List

- 1 Valuation Field Roadway 1
 Length: 40.000 m, Width: 3.500 m
 Grid: 14 x 3 Points
 Accompanying Street Elements: Roadway 1.
 Selected Lighting Class: CE3 (Not all lighting performance requirements are met.)

Calculated values:	E_{av} [lx]	U0
Required values according to class:	7.75	0.51
Fulfilled/Not fulfilled:	≥ 15.00	≥ 0.40
	X	✓

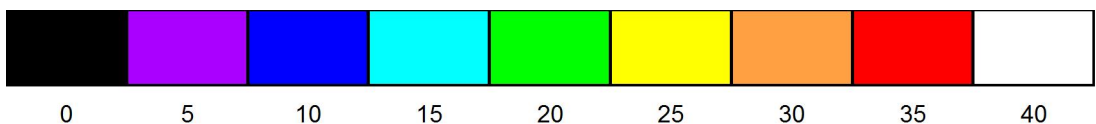
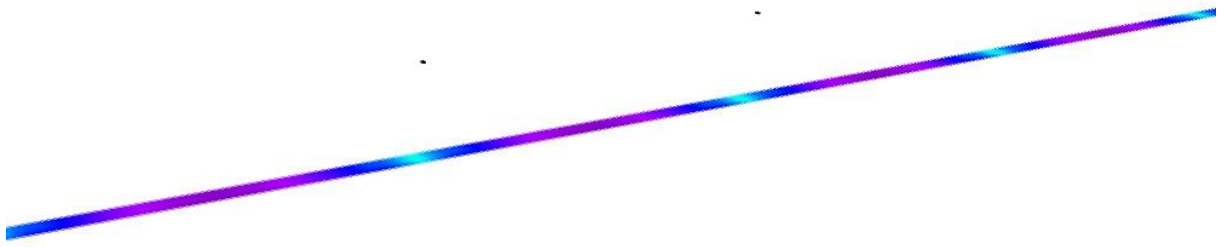


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Acces Road / False Colour Rendering



lx