

R2 Lighting Design Bassetts Close Skatepark  
**Project 1**

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Order No.:  
Company:  
Customer No.:

Date: 31.01.2024  
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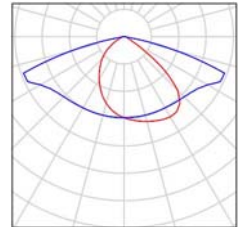


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## Project 1 / Luminaire parts list

6 Pieces    STPN 40C  
Article No.:  
Luminous flux (Luminaire): 8808 lm  
Luminous flux (Lamps): 8800 lm  
Luminaire Wattage: 40.0 W  
Luminaire classification according to CIE: 100  
CIE flux code: 44 79 97 100 100  
Fitting: 1 x STPN 40C (Correction Factor 0.950).

See our luminaire  
catalog for an image of  
the luminaire.



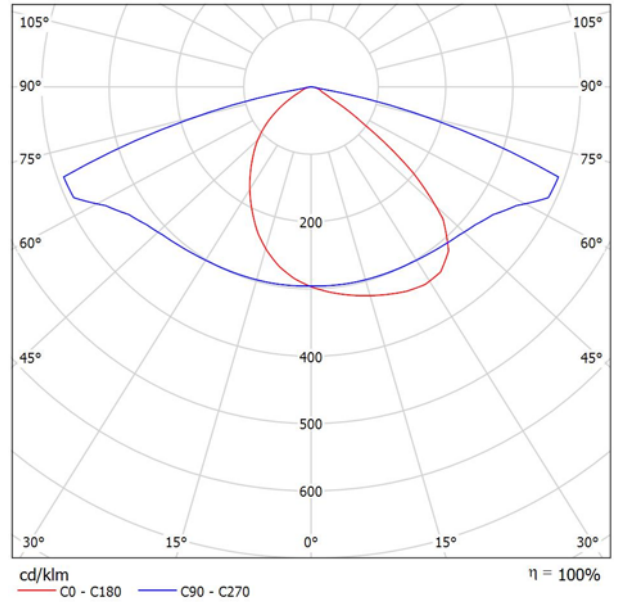


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### STPN 40C / Luminaire Data Sheet

Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.



Luminaire classification according to CIE: 100  
CIE flux code: 44 79 97 100 100

Due to missing symmetry properties, no UGR table can be displayed for this luminaire.

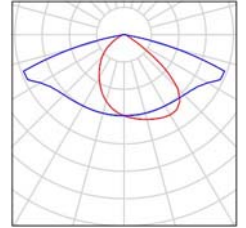


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## Exterior Scene 1 / Luminaire parts list

6 Pieces STPN 40C  
Article No.:  
Luminous flux (Luminaire): 8808 lm  
Luminous flux (Lamps): 8800 lm  
Luminaire Wattage: 40.0 W  
Luminaire classification according to CIE: 100  
CIE flux code: 44 79 97 100 100  
Fitting: 1 x STPN 40C (Correction Factor 0.950).

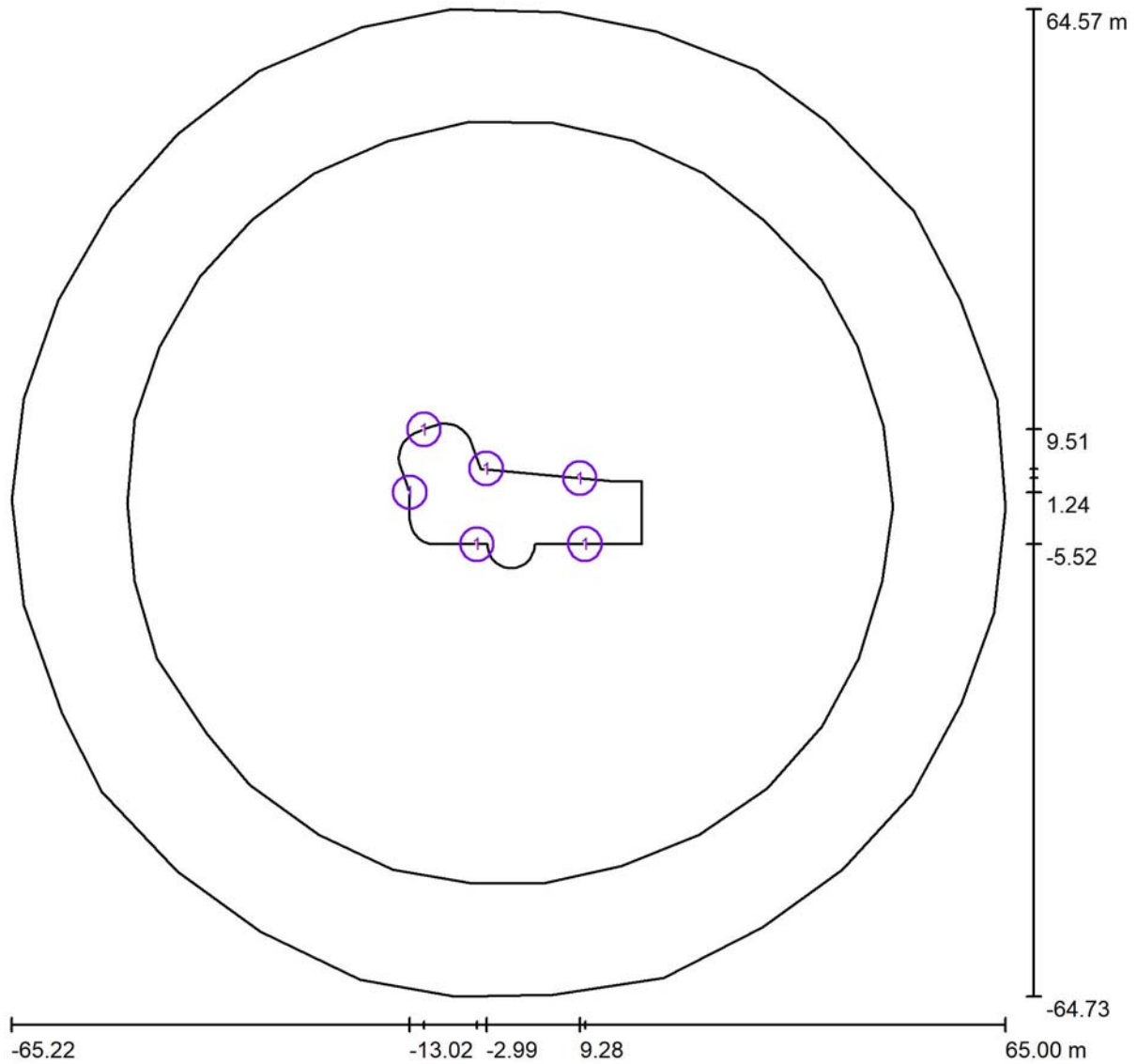
See our luminaire  
catalog for an image of  
the luminaire.





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**Exterior Scene 1 / Luminaires (layout plan)**



Scale 1 : 931

**Luminaire Parts List**

No.	Pieces	Designation
1	6	STPN 40C

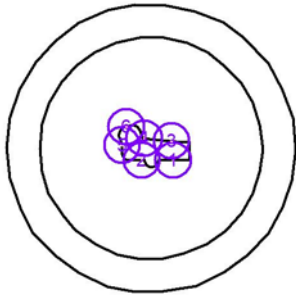


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**Exterior Scene 1 / Luminaires (coordinates list)**

**STPN 40C**

8808 lm, 40.0 W, 1 x 1 x STPN 40C (Correction Factor 0.950).

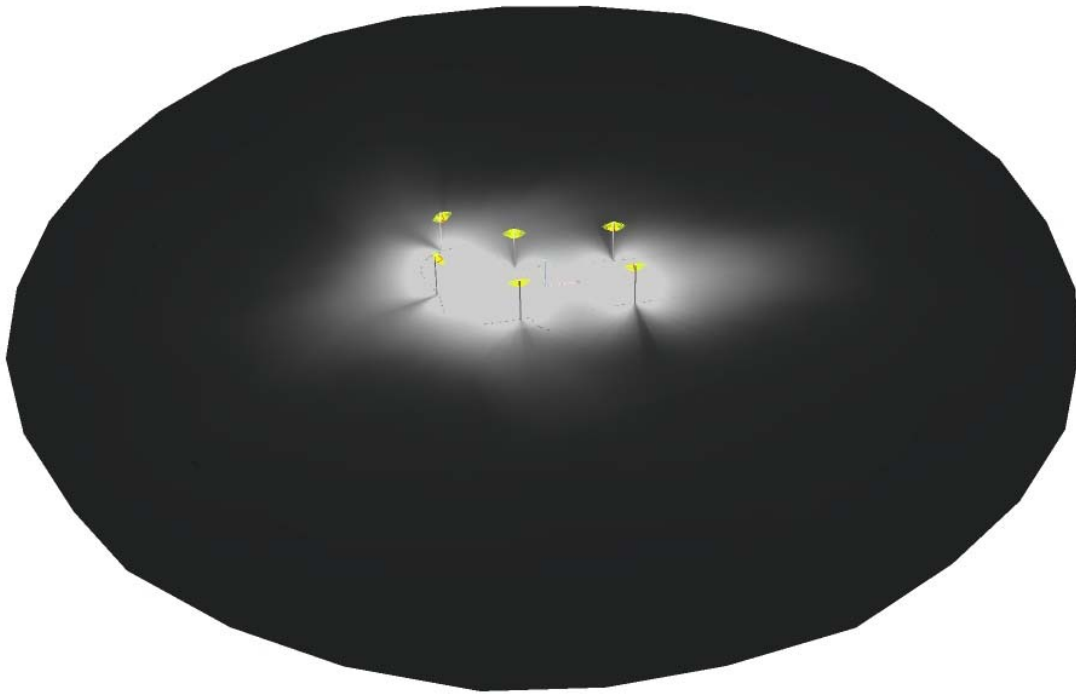


No.	Position [m]			Rotation [°]		
	X	Y	Z	X	Y	Z
1	9.956	-5.509	6.000	0.0	0.0	0.0
2	-4.209	-5.524	6.000	0.0	0.0	0.0
3	9.276	3.125	6.000	0.0	0.0	174.4
4	-2.985	4.340	6.000	0.0	0.0	172.2
5	-13.016	1.242	6.000	0.0	0.0	-71.4
6	-11.157	9.512	6.000	0.0	0.0	-154.4



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## Exterior Scene 1 / 3D Rendering

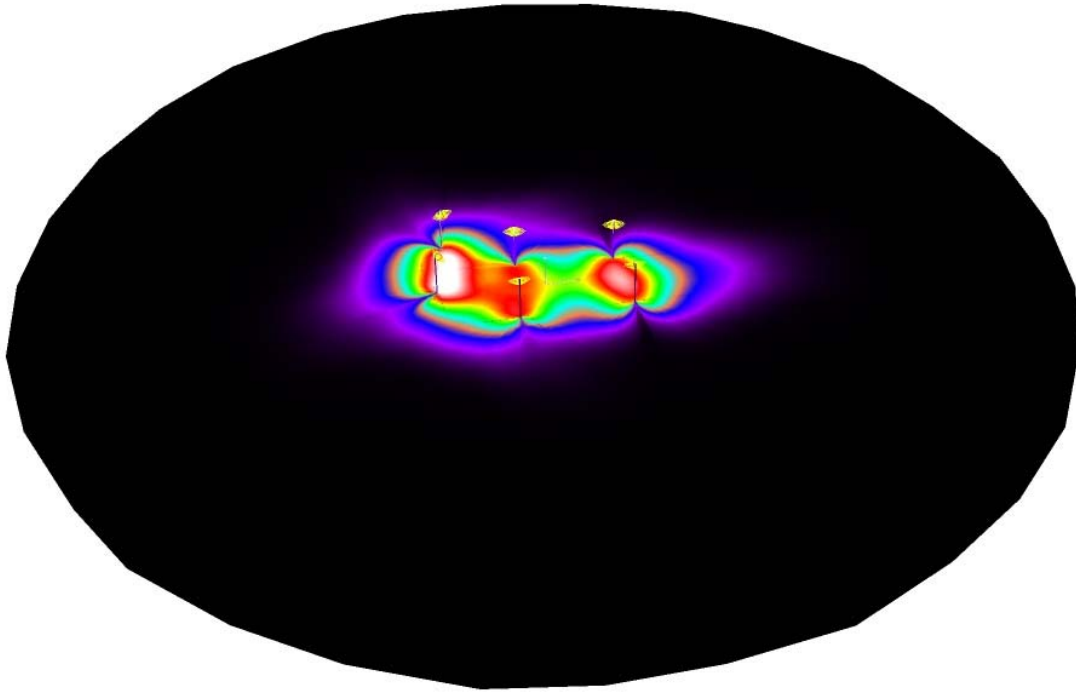






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**Exterior Scene 1 / False Color Rendering**

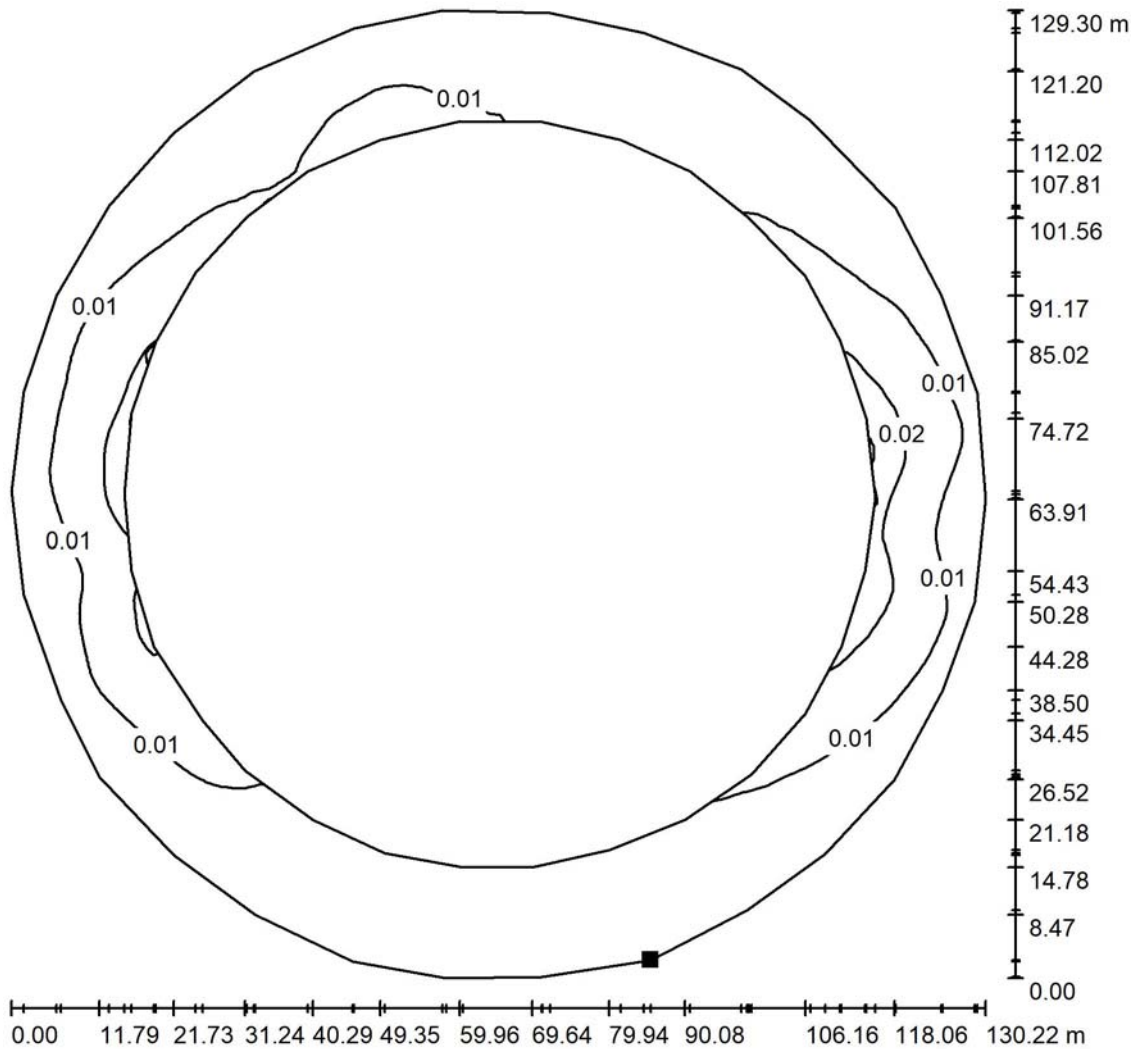


0 10 20 30 40 50 60 70 80 lx



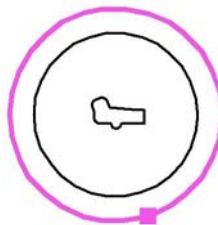
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**Exterior Scene 1 / Ground Element 1 / Surface 1 / Isolines (E)**



Values in Lux, Scale 1 : 1012

Position of surface in external scene:  
Marked point:  
(20.241 m, -62.335 m, 0.000 m)



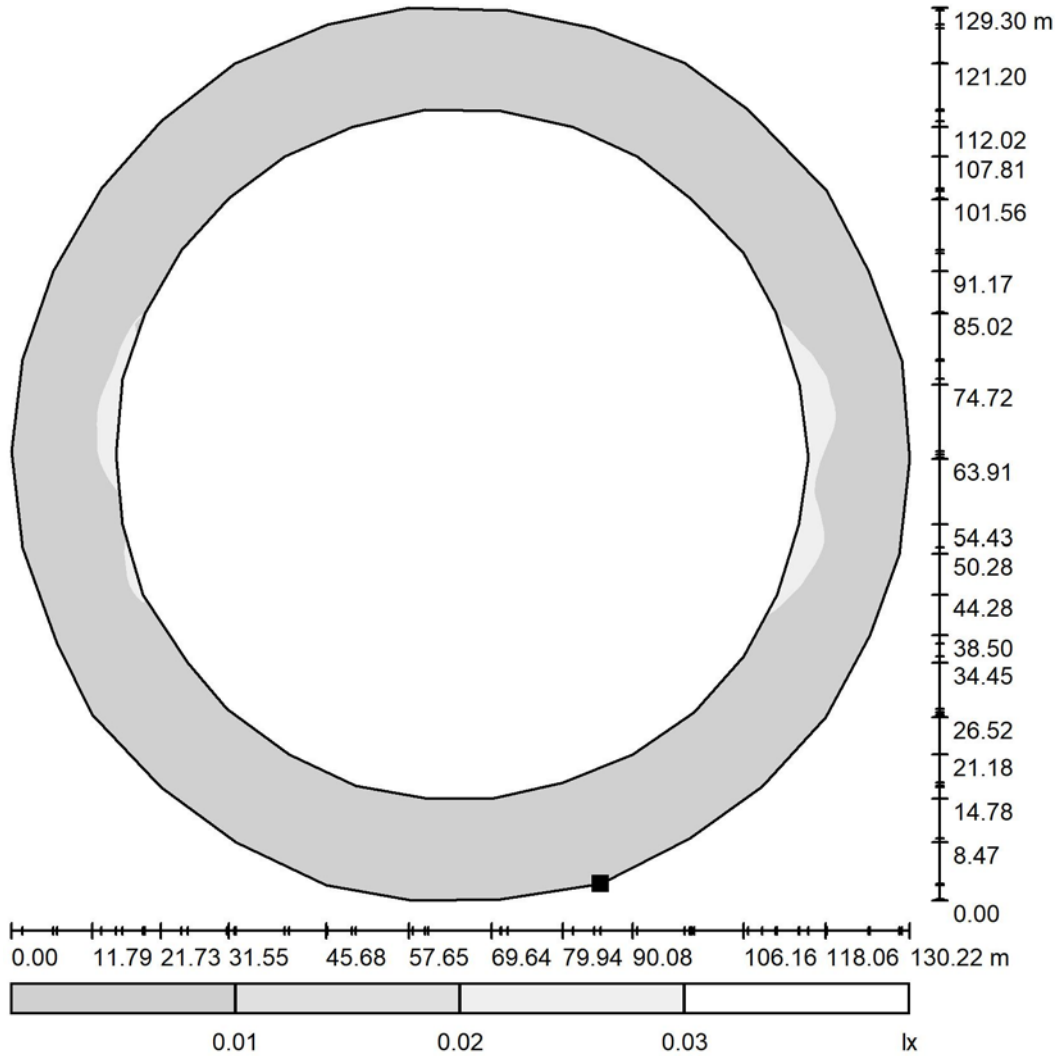
Grid: 128 x 128 Points

$E_{av}$ [lx]	$E_{min}$ [lx]	$E_{max}$ [lx]	u0	$E_{min} / E_{max}$
0.01	0.00	0.03	0.349	0.102



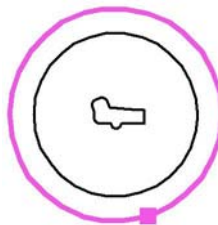
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Exterior Scene 1 / Ground Element 1 / Surface 1 / Greyscale (E)



Scale 1 : 1097

Position of surface in external scene:  
Marked point:  
(20.241 m, -62.335 m, 0.000 m)



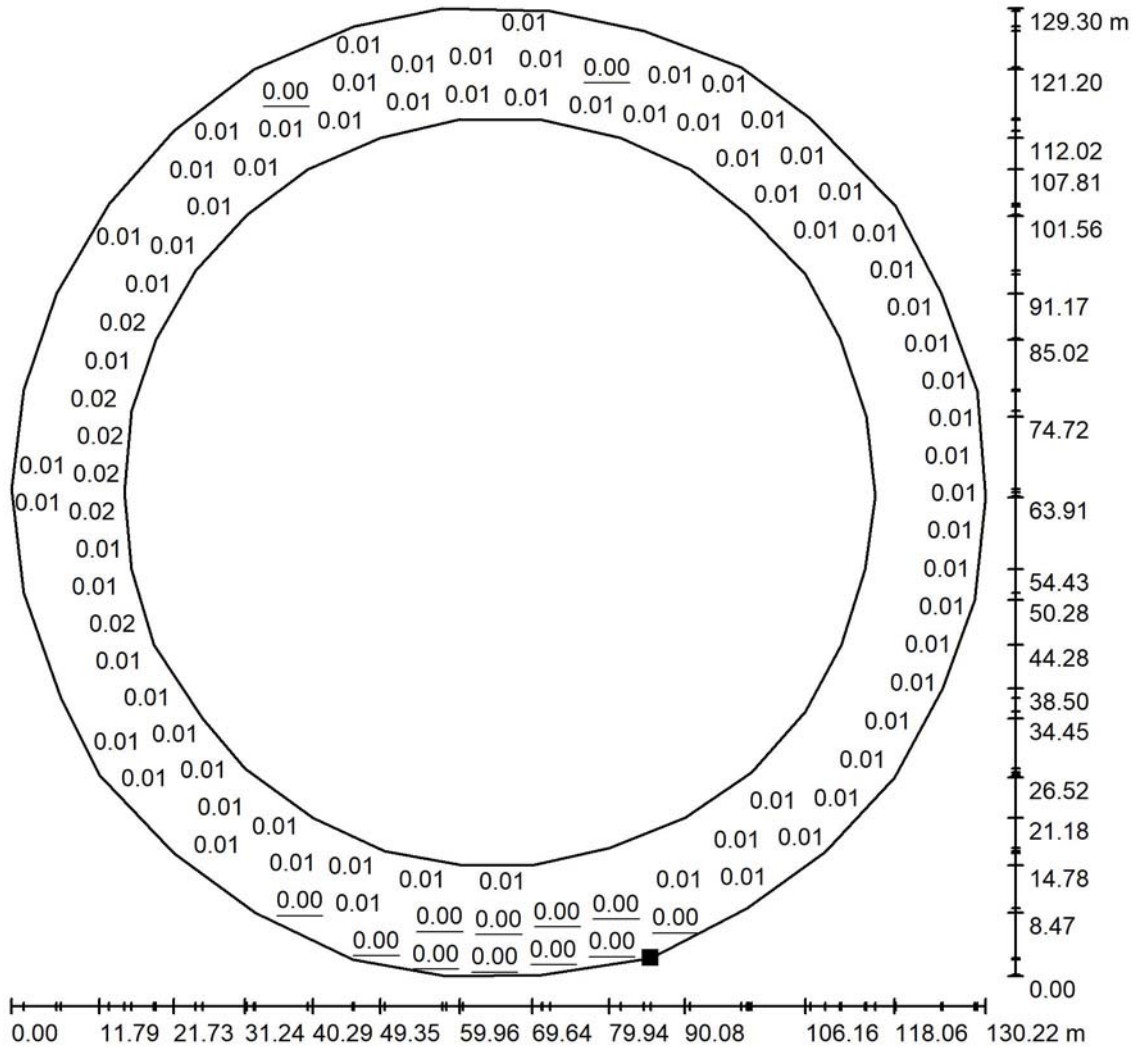
Grid: 128 x 128 Points

$E_{av}$ [lx]	$E_{min}$ [lx]	$E_{max}$ [lx]	u0	$E_{min} / E_{max}$
0.01	0.00	0.03	0.349	0.102



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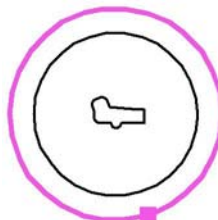
**Exterior Scene 1 / Ground Element 1 / Surface 1 / Value Chart (E)**



Values in Lux, Scale 1 : 1012

Not all calculated values could be displayed.

Position of surface in external scene:  
Marked point:  
(20.241 m, -62.335 m, 0.000 m)



Grid: 128 x 128 Points

$E_{av}$  [lx]  
0.01

$E_{min}$  [lx]  
0.00

$E_{max}$  [lx]  
0.03

$u_0$   
0.349

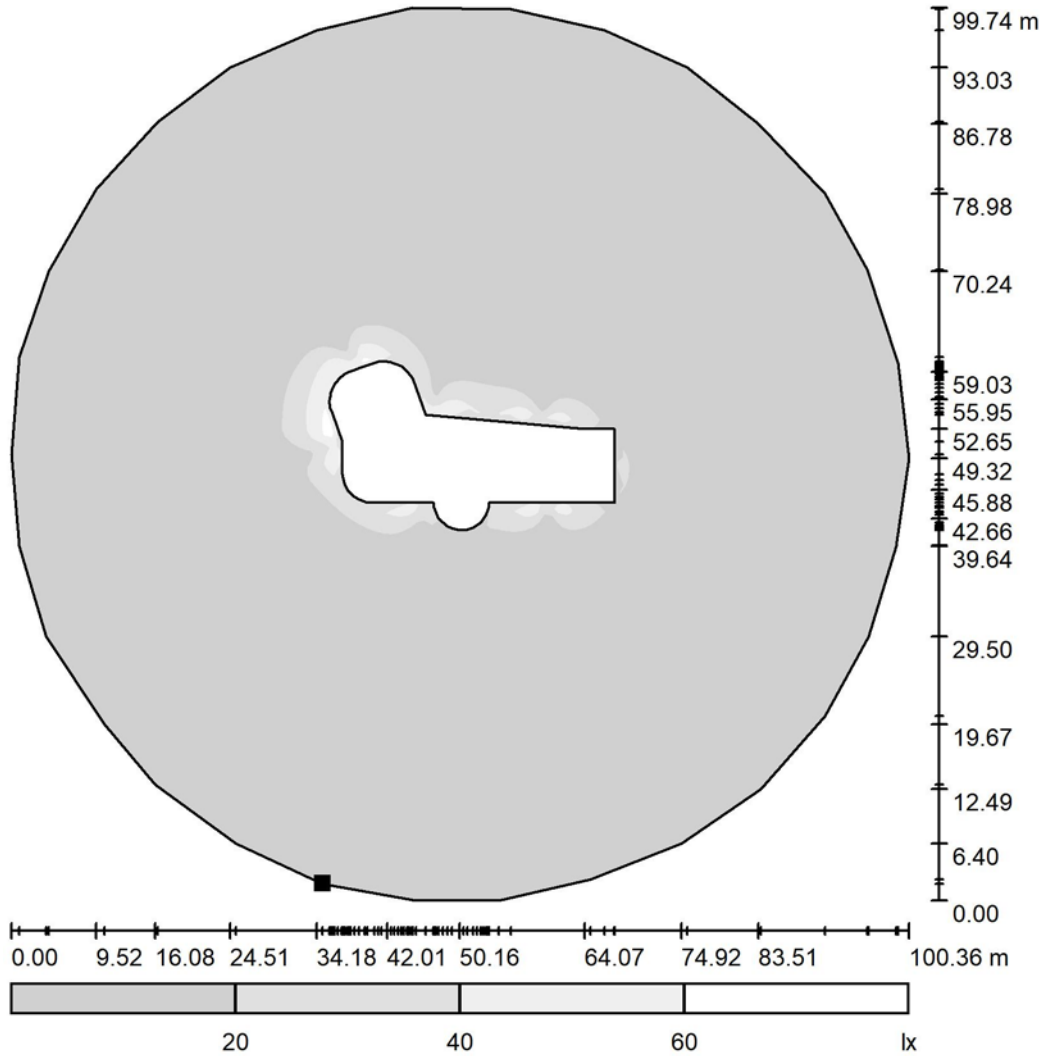
$E_{min} / E_{max}$   
0.102





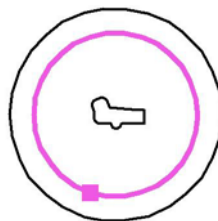
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**Exterior Scene 1 / Ground Element 2 / Surface 1 / Greyscale (E)**



Scale 1 : 846

Position of surface in external scene:  
Marked point:  
(-15.252 m, -48.076 m, 0.000 m)



Grid: 128 x 128 Points

$E_{av}$  [lx]  
2.34

$E_{min}$  [lx]  
0.01

$E_{max}$  [lx]  
76

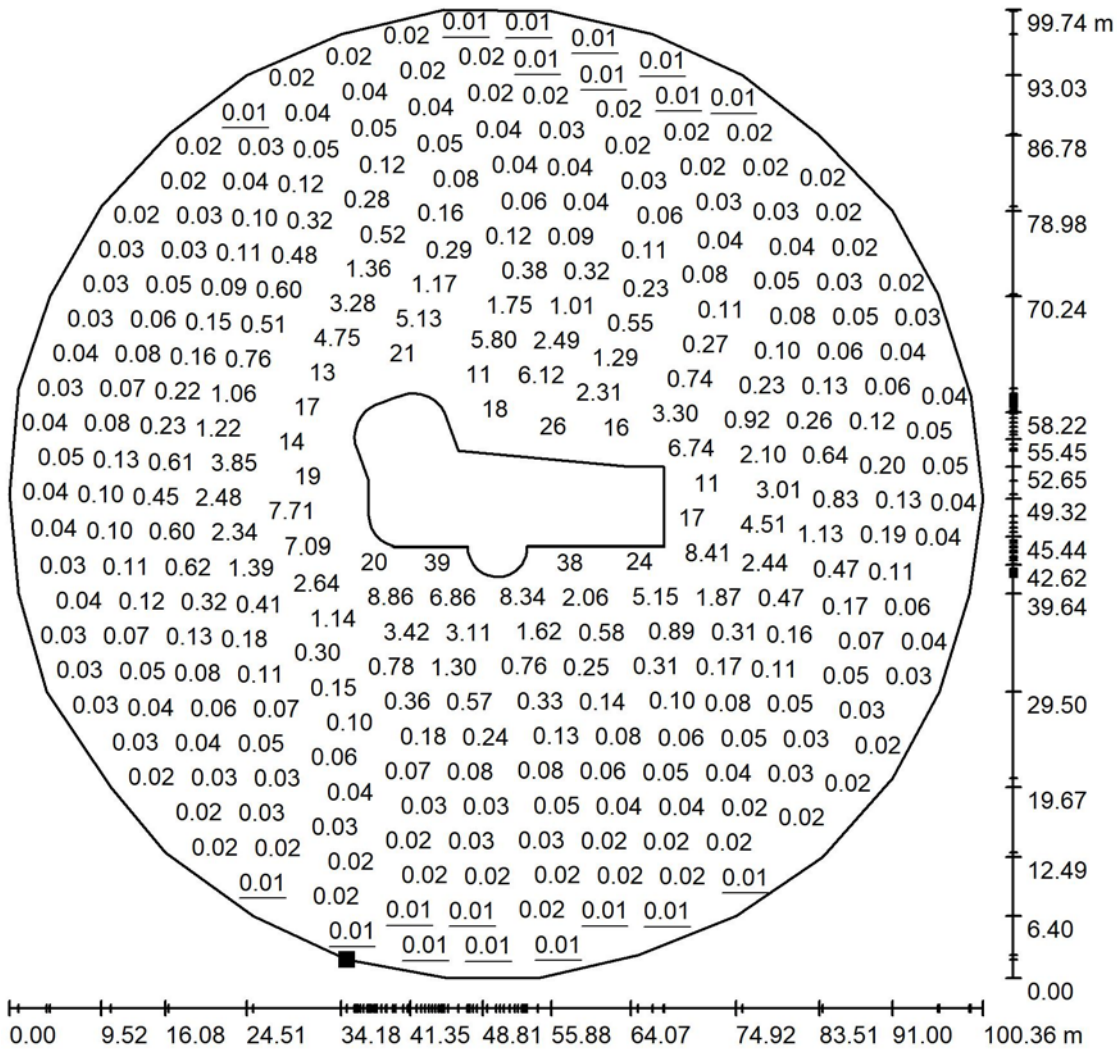
$u_0$   
0.004

$E_{min} / E_{max}$   
0.000



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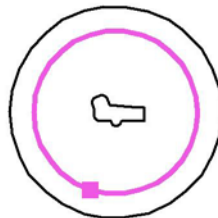
**Exterior Scene 1 / Ground Element 2 / Surface 1 / Value Chart (E)**



Values in Lux, Scale 1 : 780

Not all calculated values could be displayed.

Position of surface in external scene:  
Marked point:  
(-15.252 m, -48.076 m, 0.000 m)



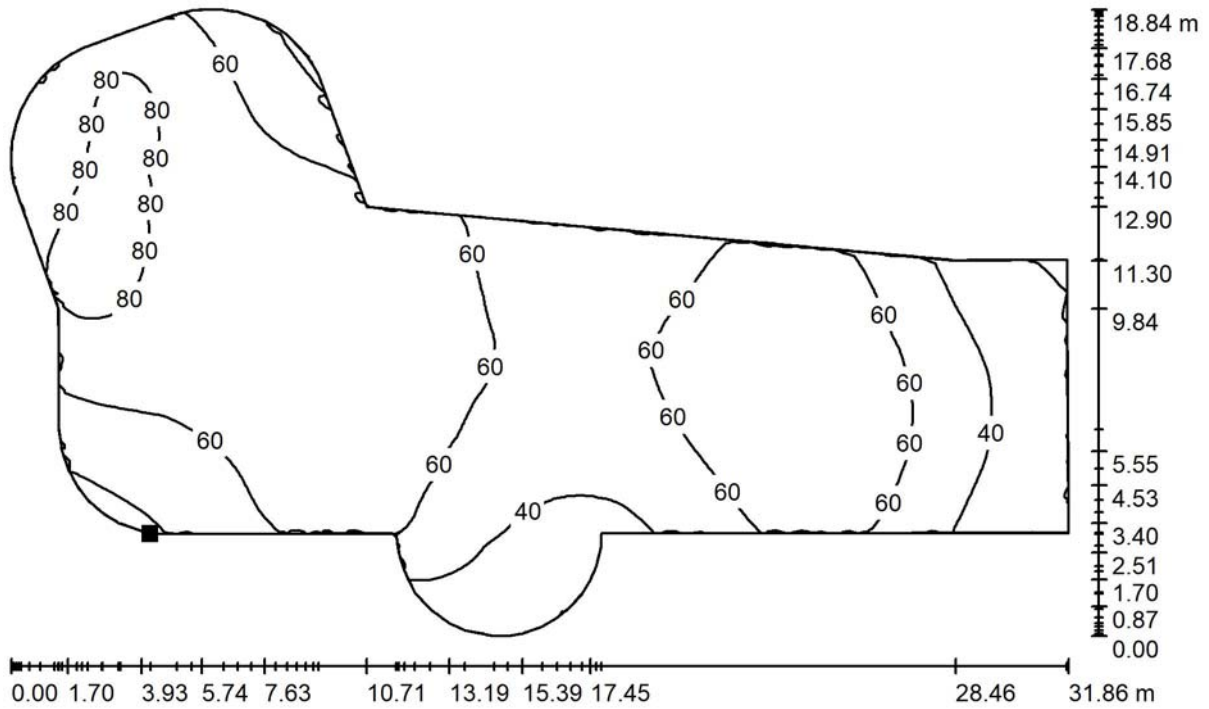
Grid: 128 x 128 Points

$E_{av}$ [lx]	$E_{min}$ [lx]	$E_{max}$ [lx]	$u_0$	$E_{min} / E_{max}$
2.34	0.01	76	0.004	0.000



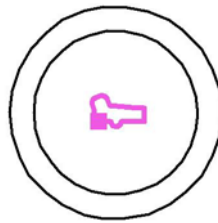
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Exterior Scene 1 / Copy of Ground Element 2 / Surface 1 / Isolines (E)



Values in Lux, Scale 1 : 228

Position of surface in external scene:  
Marked point:  
(-10.253 m, -5.537 m, 0.000 m)



Grid: 128 x 128 Points

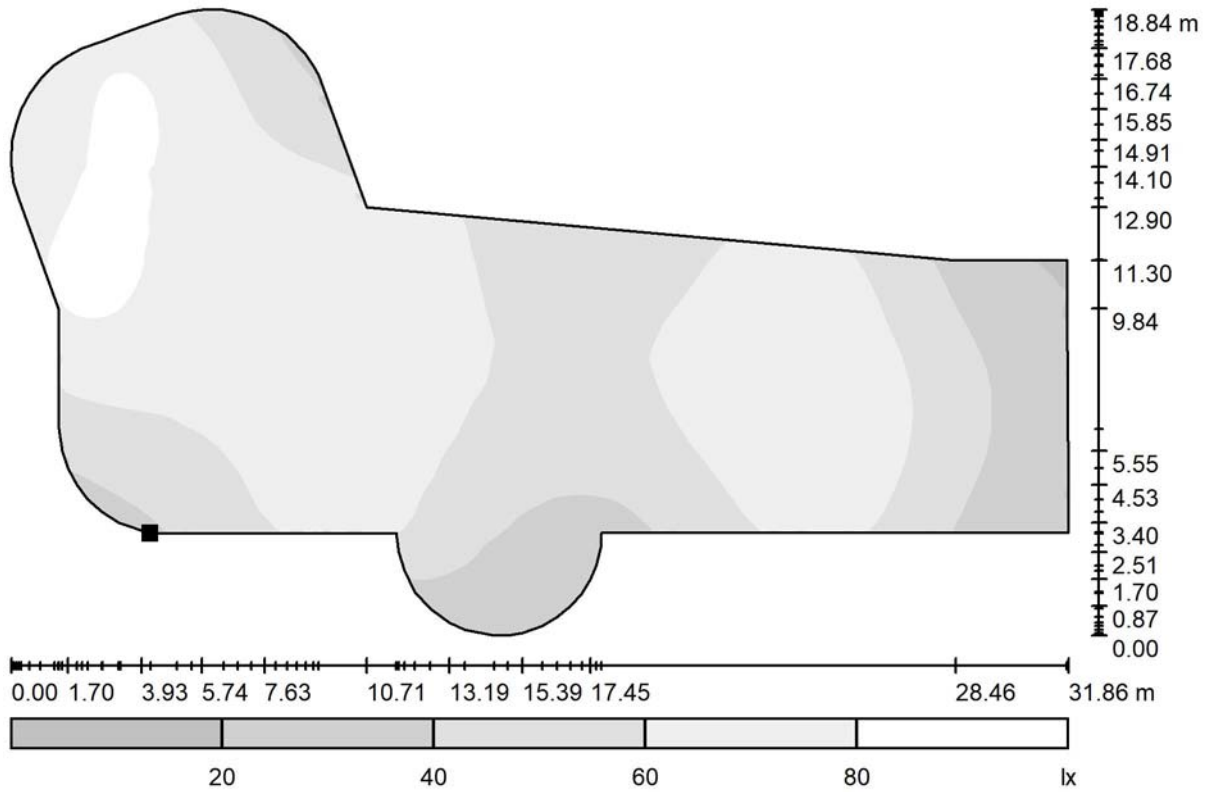
$E_{av}$ [lx]	$E_{min}$ [lx]	$E_{max}$ [lx]	u0	$E_{min} / E_{max}$
59	17	84	0.294	0.208





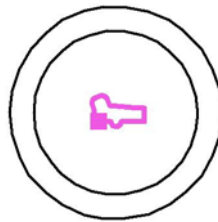
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Exterior Scene 1 / Copy of Ground Element 2 / Surface 1 / Greyscale (E)



Scale 1 : 228

Position of surface in external scene:  
Marked point:  
(-10.253 m, -5.537 m, 0.000 m)



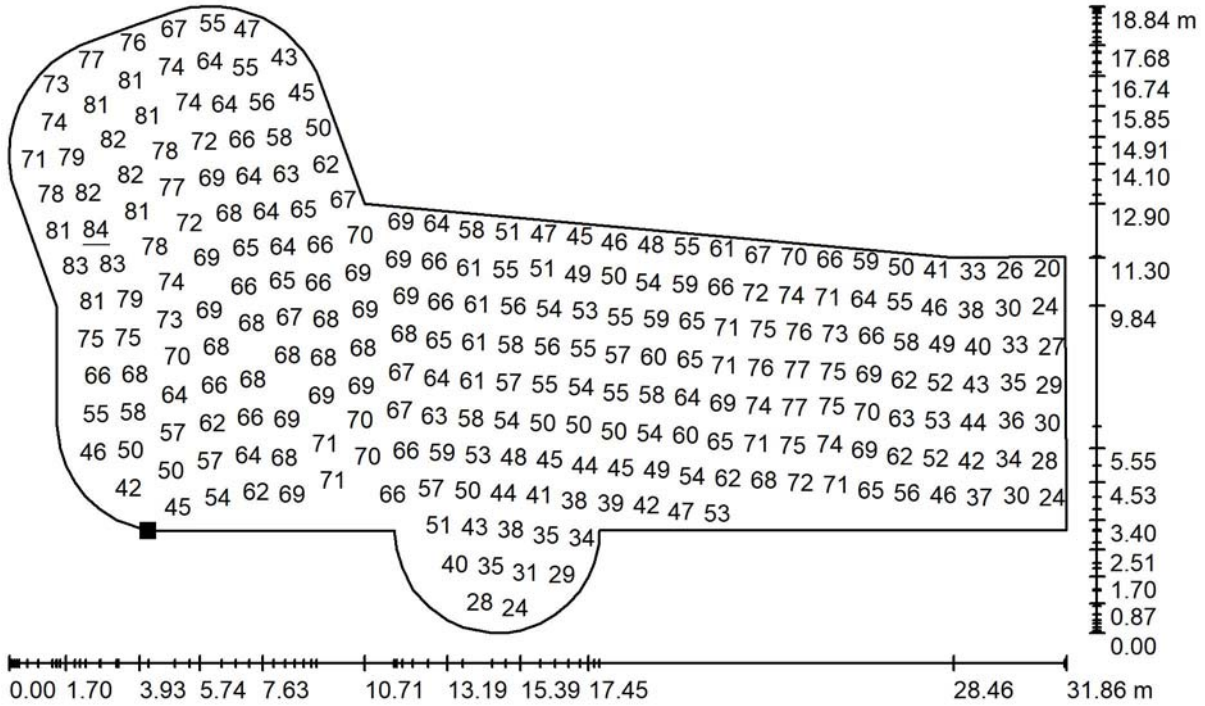
Grid: 128 x 128 Points

$E_{av}$ [lx]	$E_{min}$ [lx]	$E_{max}$ [lx]	$u_0$	$E_{min} / E_{max}$
59	17	84	0.294	0.208



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**Exterior Scene 1 / Copy of Ground Element 2 / Surface 1 / Value Chart (E)**



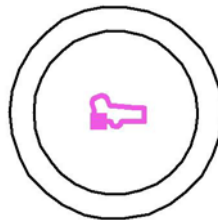
Values in Lux, Scale 1 : 228

Not all calculated values could be displayed.

Position of surface in external scene:

Marked point:

(-10.253 m, -5.537 m, 0.000 m)



Grid: 128 x 128 Points

$E_{av}$  [lx]  
59

$E_{min}$  [lx]  
17

$E_{max}$  [lx]  
84

$u_0$   
0.294

$E_{min} / E_{max}$   
0.208