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Outdoor / Planning data



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

Scale 1:161

Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
1	8	FILUX F4722_Linear Light_200W (Type 1)* (1.000)	30469	30476	205.6
Total:			243755	Total: 243808	1644.8

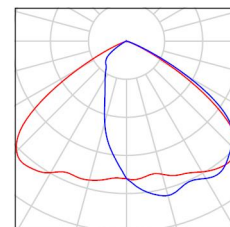
*Modified Technical Specifications

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Outdoor / Luminaire parts list

8 Pieces FILUX F4722_Linear Light_200W (Type 1)
Article No.:
Luminous flux (Luminaire): 30469 lm
Luminous flux (Lamps): 30476 lm
Luminaire Wattage: 205.6 W
Luminaire classification according to CIE: 100
CIE flux code: 51 94 100 100 100
Fitting: 1 x User defined (Correction Factor
1.000).

See our luminaire
catalog for an image of
the luminaire.

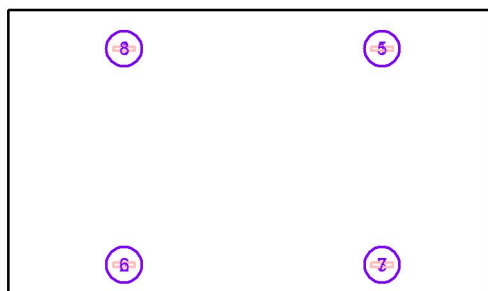


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Outdoor / Luminaires (coordinates list)

FILUX F4722_Linear Light_200W (Type 1)

30469 lm, 205.6 W, 1 x 1 x User defined (Correction Factor 1.000).

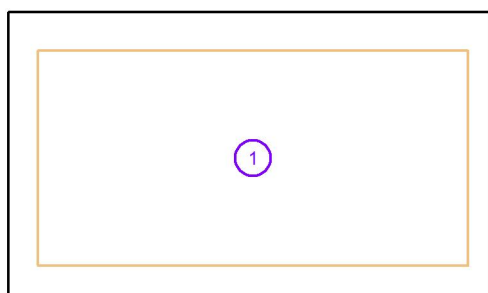


No.	Position [m]			Rotation [°]		
	X	Y	Z	X	Y	Z
1	6.000	5.000	6.000	0.0	0.0	180.0
2	-6.000	-5.000	6.000	0.0	0.0	0.0
3	6.000	-5.000	6.000	0.0	0.0	0.0
4	-6.000	5.000	6.000	0.0	0.0	180.0
5	6.000	5.000	6.000	0.0	0.0	180.0
6	-6.000	-5.000	6.000	0.0	0.0	0.0
7	6.000	-5.000	6.000	0.0	0.0	0.0
8	-6.000	5.000	6.000	0.0	0.0	180.0

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Outdoor / Sport Sites (Coordinates List)

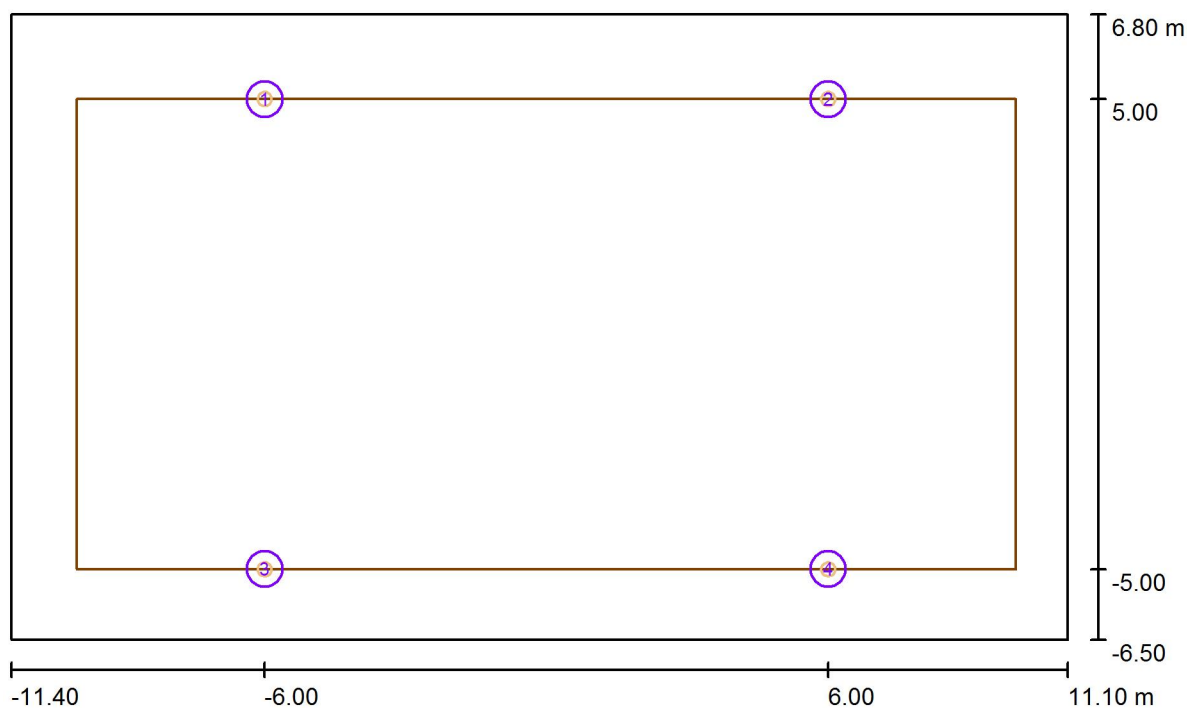
General Sport Area



No.	Position [m]			Size Playing Area [m]		Size Total Area [m]		Rotation [°]		
	X	Y	Z	L	W	L	W	X	Y	Z
1	0.000	0.000	0.000	20.000	10.000	20.000	10.000	0.0	0.0	0.0

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Outdoor / Pole Positions (Coordinates List)



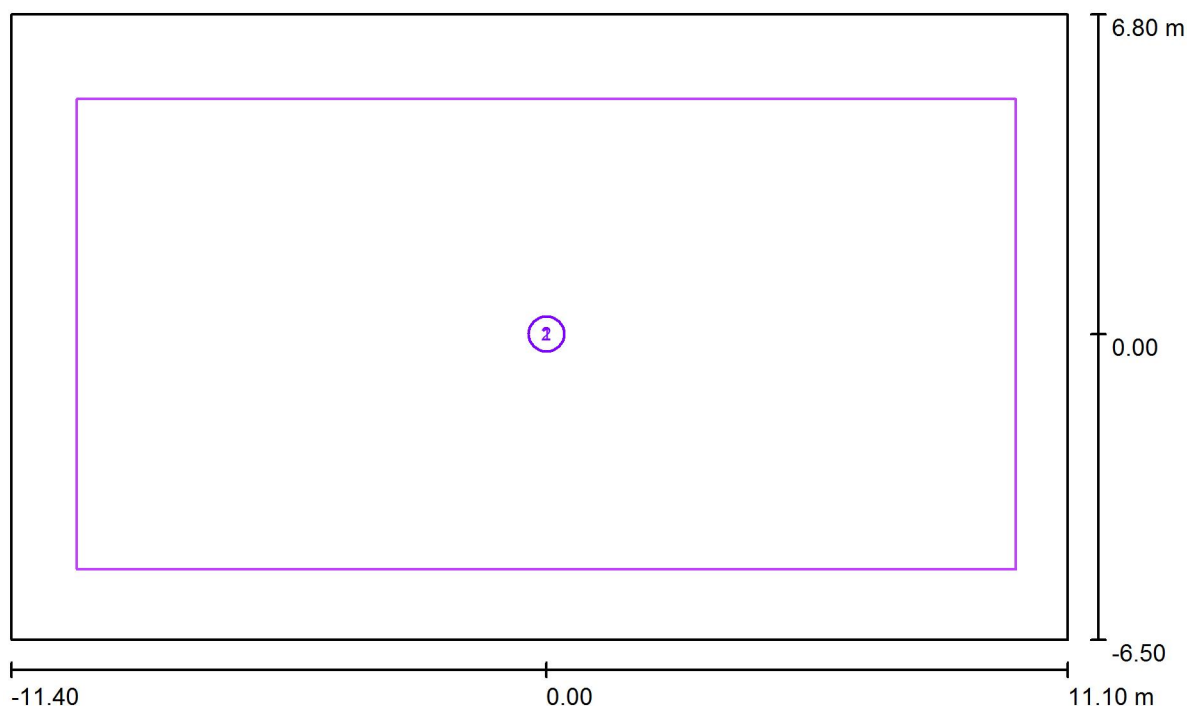
Scale 1 : 161

List of the Pole Positions

No.	Designation	Position [m]		
		X	Y	Z
1	Pole 1	-6.000	5.000	0.000
2	Pole 2	6.000	5.000	0.000
3	Pole 3	-6.000	-5.000	0.000
4	Pole 4	6.000	-5.000	0.000

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Outdoor / Calculation Grid (Coordinates List)



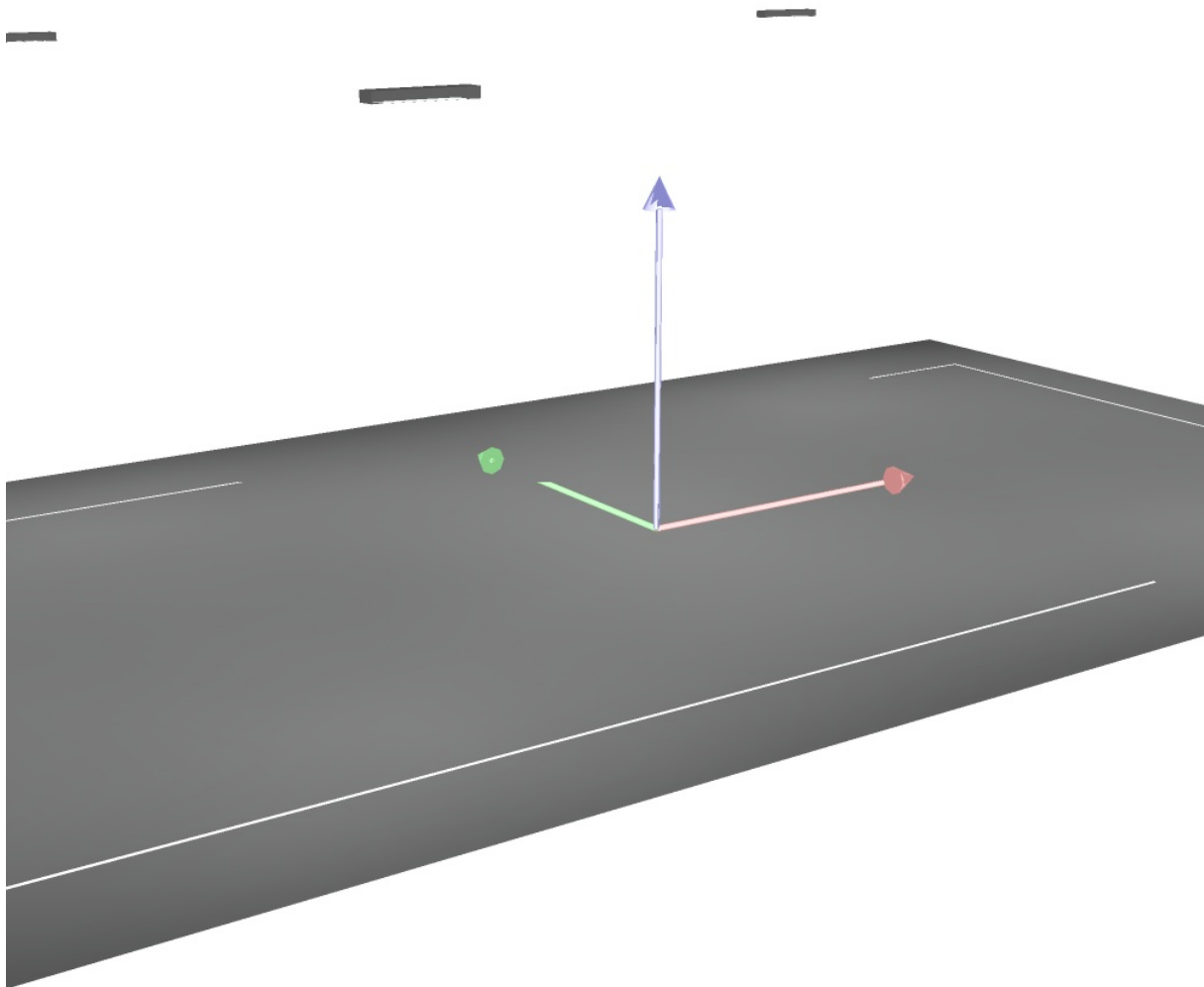
Scale 1 : 161

List of the Calculation Grids

No.	Designation	Position [m]			Size [m]		Rotation [°]		
		X	Y	Z	L	W	X	Y	Z
1	Calculation Grid(PA)	0.000	0.000	0.000	20.000	10.000	0.0	0.0	0.0
2	Calculation Grid(TA)	0.000	0.000	0.000	20.000	10.000	0.0	0.0	0.0

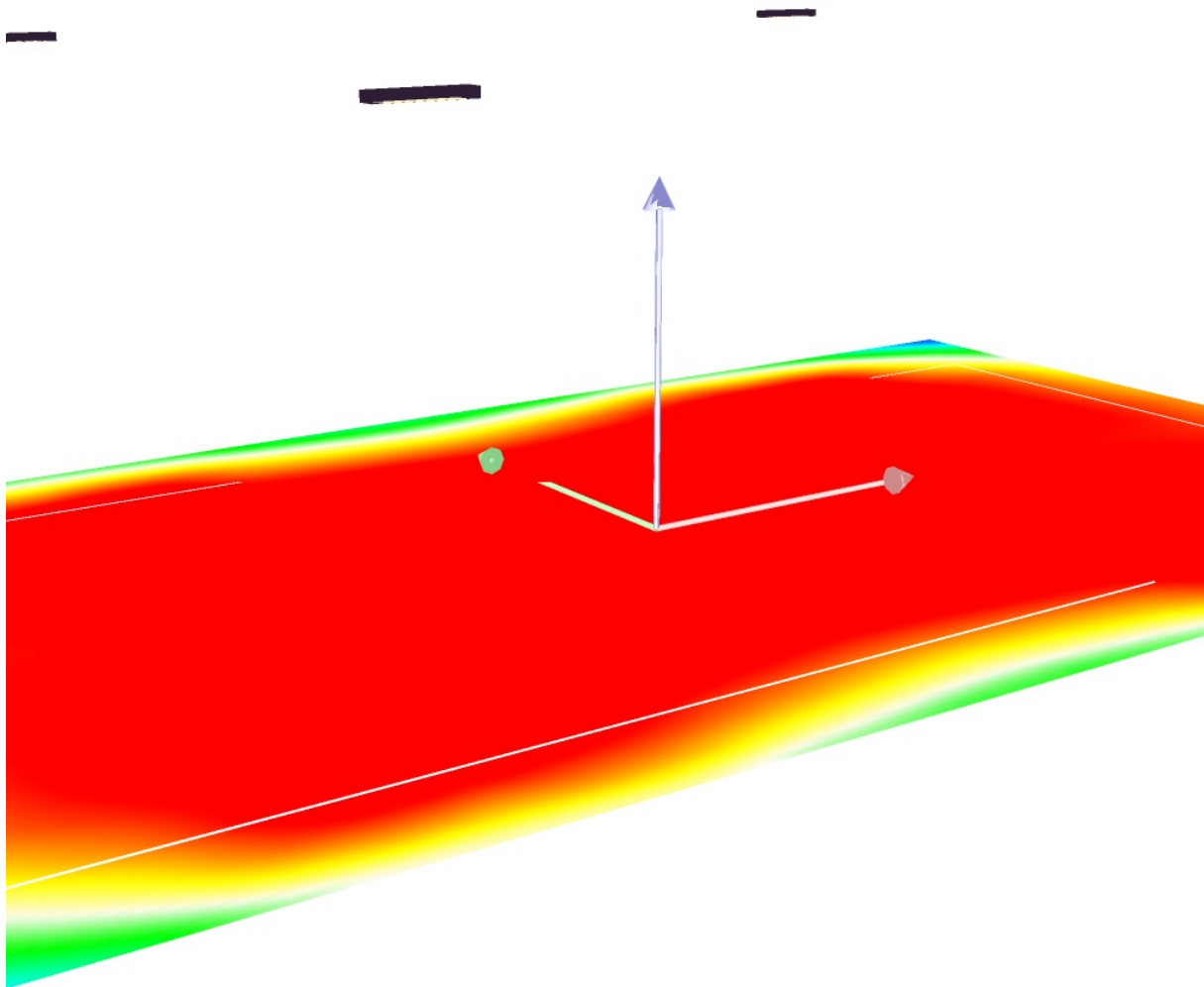
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Outdoor / 3D Rendering



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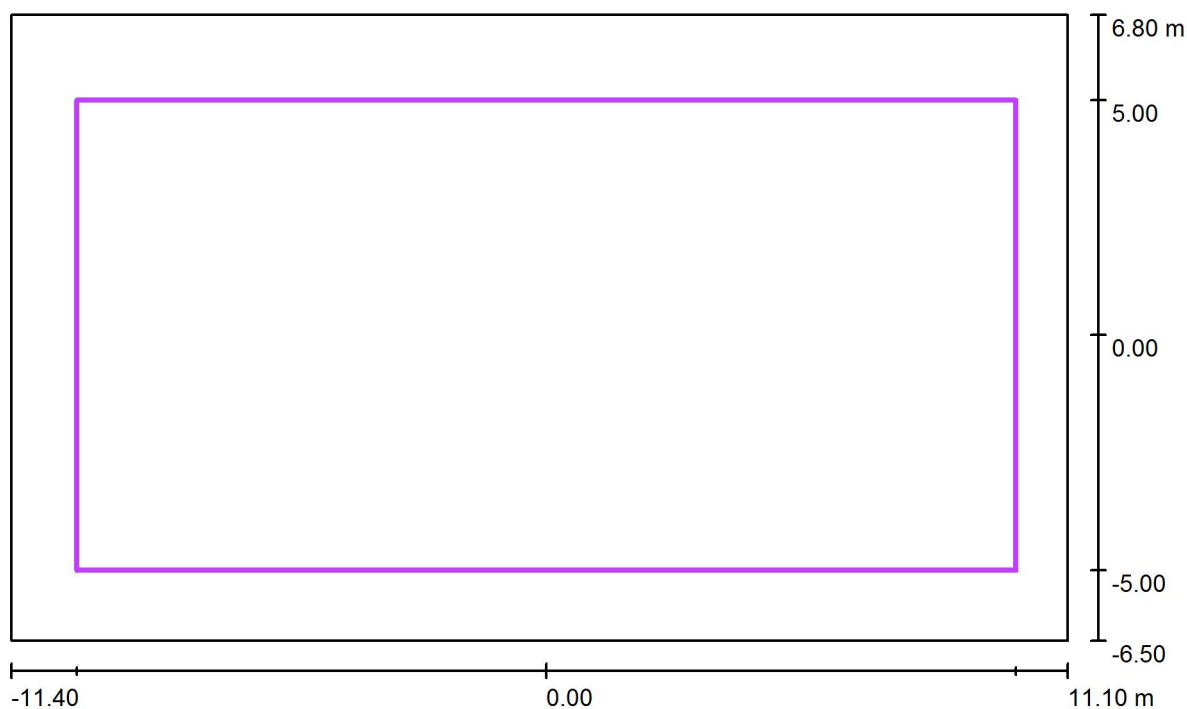
Outdoor / False Color Rendering



lx

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Outdoor / Calculation Grid(PA) / Summary



Scale 1 : 161

Position: (0.000 m, 0.000 m, 0.000 m)
Size: (20.000 m, 10.000 m)
Rotation: (0.0°, 0.0°, 0.0°)
Type: Normal, Grid: 13 x 7 Points
Belongs to the following sport arena: Padel

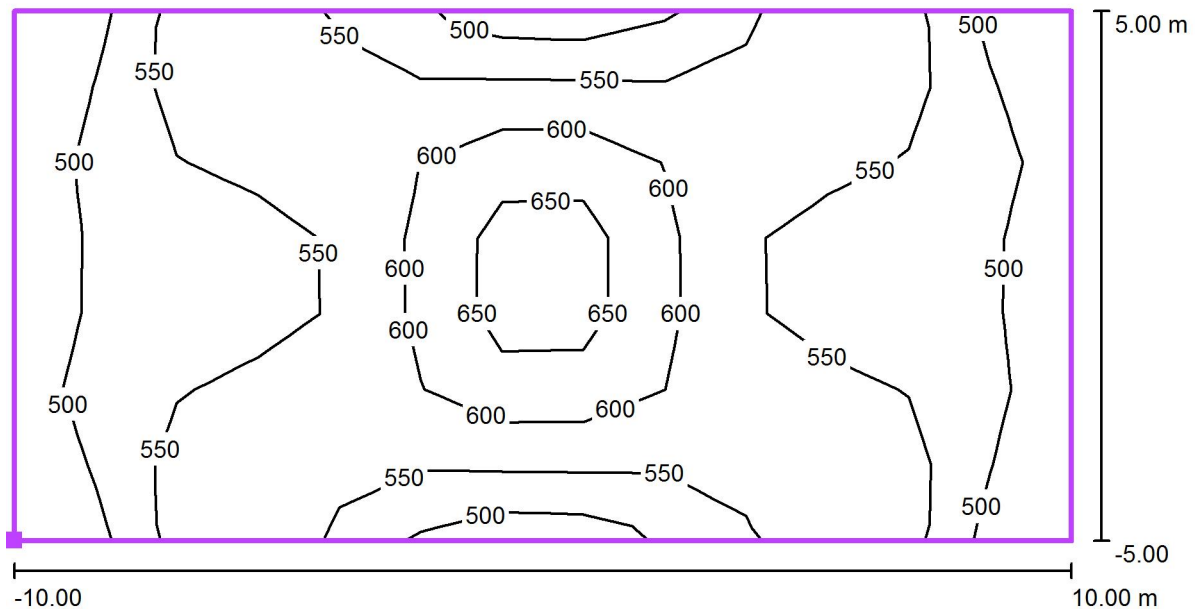
Results overview

No.	Type	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	$u0$	E_{min} / E_{max}	$E_{h\ m} / E_m$	H [m]	Camera
1	perpendicular	554	452	701	0.81	0.64	/	0.000	/

$E_{h\ m} / E_m$ = Relationship between middle horizontal and vertical illuminance, H = Measuring Height

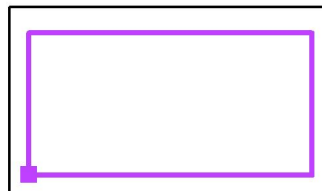
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Outdoor / Calculation Grid(PA) / Isolines (E, Perpendicular)



Values in Lux, Scale 1 : 143

Position of surface in external scene:
Marked point: (-10.000 m, -5.000 m,
0.000 m)

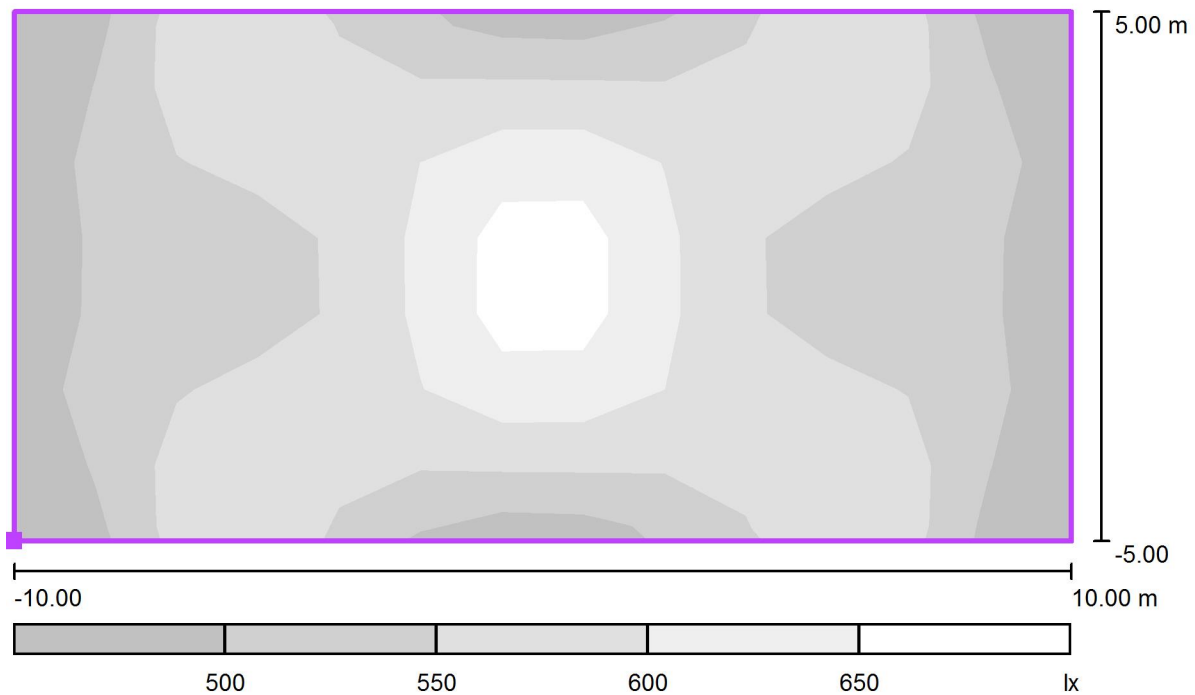


Grid: 13 x 7 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u_0	E_{min} / E_{max}
554	452	701	0.81	0.64

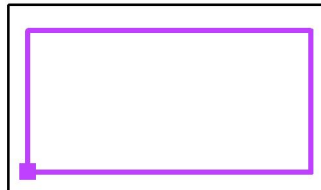
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Outdoor / Calculation Grid(PA) / Greyscale (E, Perpendicular)



Scale 1 : 143

Position of surface in external scene:
Marked point: (-10.000 m, -5.000 m,
0.000 m)



Grid: 13 x 7 Points

E_{av} [lx]
554

E_{min} [lx]
452

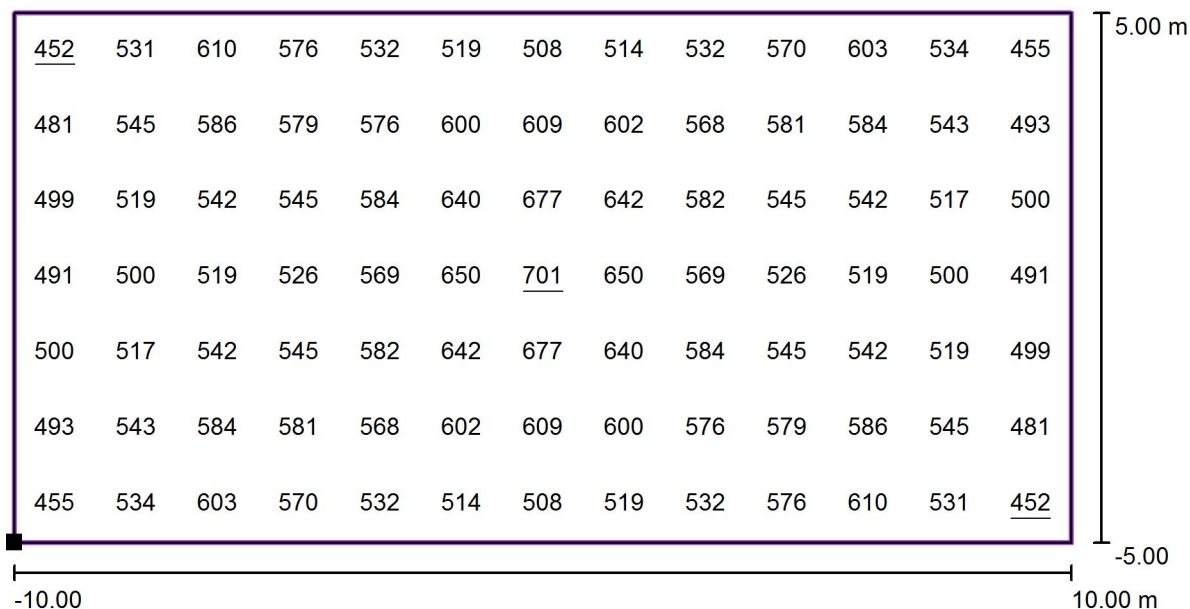
E_{max} [lx]
701

u_0
0.81

E_{min} / E_{max}
0.64

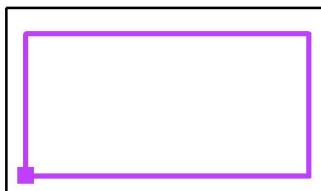
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Outdoor / Calculation Grid(PA) / Value Chart (E, Perpendicular)



Values in Lux, Scale 1 : 143

Position of surface in external scene:
Marked point: (-10.000 m, -5.000 m, 0.000 m)



Grid: 13 x 7 Points

E_{av} [lx]
554

E_{min} [lx]
452

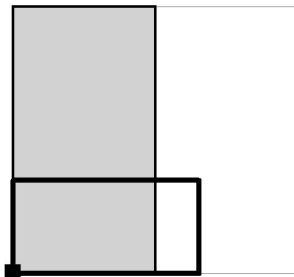
E_{max} [lx]
701

u_0
0.81

E_{min} / E_{max}
0.64

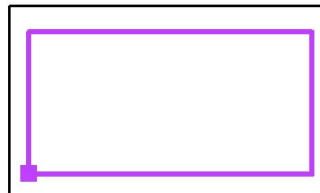
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Outdoor / Calculation Grid(PA) / Table (E, Perpendicular)



☒ Current Selection
☐ Further Selections

Position of surface in external scene:
Marked point: (-10.000 m, -5.000 m,
0.000 m)



9.286	452	531	610	576	532	519	508	514	532	570
7.857	481	545	586	579	576	600	609	602	568	581
6.429	499	519	542	545	584	640	677	642	582	545
5.000	491	500	519	526	569	650	701	650	569	526
3.571	500	517	542	545	582	642	677	640	584	545
2.143	493	543	584	581	568	602	609	600	576	579
0.714	455	534	603	570	532	514	508	519	532	576
m	0.769	2.308	3.846	5.385	6.923	8.462	10.000	11.538	13.077	14.615

Attention: The coordinates refer to the image above. Values in Lux.

Grid: 13 x 7 Points

E_{av} [lx]
554

E_{min} [lx]
452

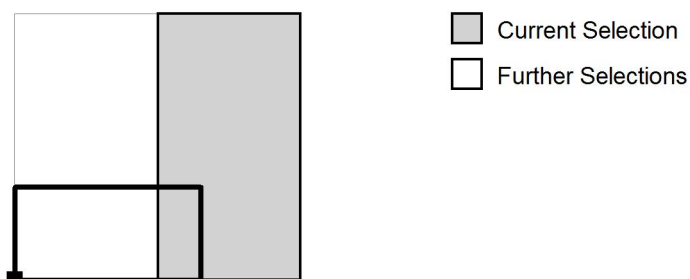
E_{max} [lx]
701

u_0
0.81

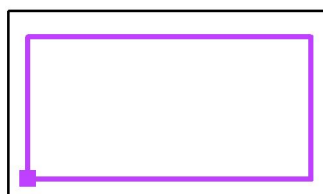
E_{min} / E_{max}
0.64

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Outdoor / Calculation Grid(PA) / Table (E, Perpendicular)



Position of surface in external scene:
Marked point: (-10.000 m, -5.000 m,
0.000 m)



9.286	603	534	455
7.857	584	543	493
6.429	542	517	500
5.000	519	500	491
3.571	542	519	499
2.143	586	545	481
0.714	610	531	<u>452</u>
m	16.154	17.692	19.231

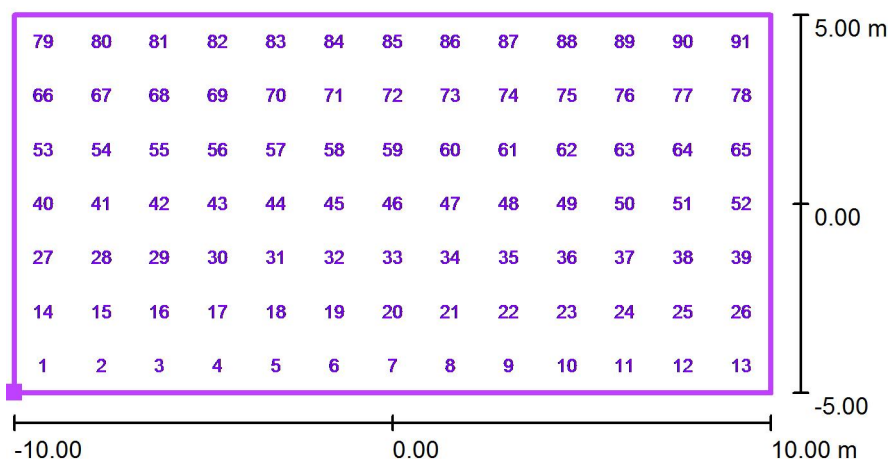
Attention: The coordinates refer to the image above. Values in Lux.

Grid: 13 x 7 Points

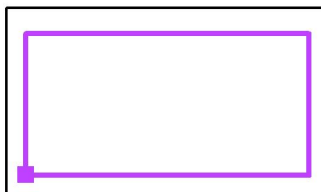
E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
554	452	701	0.81	0.64

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Outdoor / Calculation Grid(PA) / Point values (E, perpendicular)



Position of surface in external scene:
Marked point: (-10.000 m, -5.000 m, 0.000 m)



No.	Position [m]			Value [lx]
	X	Y	Z	
1	-9.231	-4.286	0.000	455
2	-7.692	-4.286	0.000	534
3	-6.154	-4.286	0.000	603
4	-4.615	-4.286	0.000	570
5	-3.077	-4.286	0.000	532

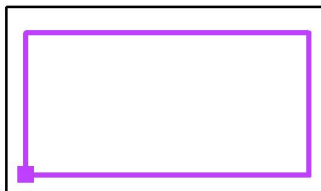
Quantity Points: 91

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u_0	E_{min} / E_{max}
554	452	701	0.81	0.64

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Outdoor / Calculation Grid(PA) / Point values (E, perpendicular)

Position of surface in external scene:
Marked point: (-10.000 m, -5.000 m, 0.000 m)



No.	Position [m]			Value [lx]
	X	Y	Z	
6	-1.538	-4.286	0.000	514
7	0.000	-4.286	0.000	508
8	1.538	-4.286	0.000	519
9	3.077	-4.286	0.000	532
10	4.615	-4.286	0.000	576
11	6.154	-4.286	0.000	610
12	7.692	-4.286	0.000	531
13	9.231	-4.286	0.000	452
14	-9.231	-2.857	0.000	493
15	-7.692	-2.857	0.000	543
16	-6.154	-2.857	0.000	584
17	-4.615	-2.857	0.000	581
18	-3.077	-2.857	0.000	568
19	-1.538	-2.857	0.000	602
20	0.000	-2.857	0.000	609
21	1.538	-2.857	0.000	600
22	3.077	-2.857	0.000	576
23	4.615	-2.857	0.000	579
24	6.154	-2.857	0.000	586
25	7.692	-2.857	0.000	545
26	9.231	-2.857	0.000	481
27	-9.231	-1.429	0.000	500
28	-7.692	-1.429	0.000	517
29	-6.154	-1.429	0.000	542
30	-4.615	-1.429	0.000	545
31	-3.077	-1.429	0.000	582
32	-1.538	-1.429	0.000	642

Quantity Points: 91

E_{av} [lx]
554

E_{min} [lx]
452

E_{max} [lx]
701

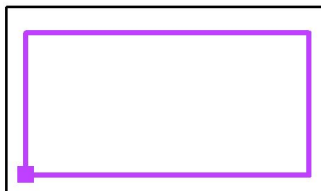
u_0
0.81

E_{min} / E_{max}
0.64

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Outdoor / Calculation Grid(PA) / Point values (E, perpendicular)

Position of surface in external scene:
Marked point: (-10.000 m, -5.000 m, 0.000 m)



No.	Position [m]			Value [lx]
	X	Y	Z	
33	0.000	-1.429	0.000	677
34	1.538	-1.429	0.000	640
35	3.077	-1.429	0.000	584
36	4.615	-1.429	0.000	545
37	6.154	-1.429	0.000	542
38	7.692	-1.429	0.000	519
39	9.231	-1.429	0.000	499
40	-9.231	0.000	0.000	491
41	-7.692	0.000	0.000	500
42	-6.154	0.000	0.000	519
43	-4.615	0.000	0.000	526
44	-3.077	0.000	0.000	569
45	-1.538	0.000	0.000	650
46	0.000	0.000	0.000	701
47	1.538	0.000	0.000	650
48	3.077	0.000	0.000	569
49	4.615	0.000	0.000	526
50	6.154	0.000	0.000	519
51	7.692	0.000	0.000	500
52	9.231	0.000	0.000	491
53	-9.231	1.429	0.000	499
54	-7.692	1.429	0.000	519
55	-6.154	1.429	0.000	542
56	-4.615	1.429	0.000	545
57	-3.077	1.429	0.000	584
58	-1.538	1.429	0.000	640
59	0.000	1.429	0.000	677

Quantity Points: 91

E_{av} [lx]
554

E_{min} [lx]
452

E_{max} [lx]
701

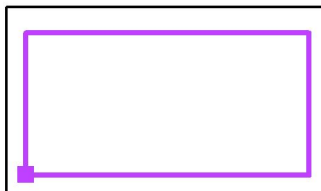
u_0
0.81

E_{min} / E_{max}
0.64

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Outdoor / Calculation Grid(PA) / Point values (E, perpendicular)

Position of surface in external scene:
Marked point: (-10.000 m, -5.000 m,
0.000 m)



No.	Position [m]			Value [lx]
	X	Y	Z	
60	1.538	1.429	0.000	642
61	3.077	1.429	0.000	582
62	4.615	1.429	0.000	545
63	6.154	1.429	0.000	542
64	7.692	1.429	0.000	517
65	9.231	1.429	0.000	500
66	-9.231	2.857	0.000	481
67	-7.692	2.857	0.000	545
68	-6.154	2.857	0.000	586
69	-4.615	2.857	0.000	579
70	-3.077	2.857	0.000	576
71	-1.538	2.857	0.000	600
72	0.000	2.857	0.000	609
73	1.538	2.857	0.000	602
74	3.077	2.857	0.000	568
75	4.615	2.857	0.000	581
76	6.154	2.857	0.000	584
77	7.692	2.857	0.000	543
78	9.231	2.857	0.000	493
79	-9.231	4.286	0.000	452
80	-7.692	4.286	0.000	531
81	-6.154	4.286	0.000	610
82	-4.615	4.286	0.000	576
83	-3.077	4.286	0.000	532
84	-1.538	4.286	0.000	519
85	0.000	4.286	0.000	508
86	1.538	4.286	0.000	514

Quantity Points: 91

E_{av} [lx]
554

E_{min} [lx]
452

E_{max} [lx]
701

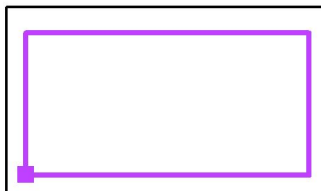
u_0
0.81

E_{min} / E_{max}
0.64

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Outdoor / Calculation Grid(PA) / Point values (E, perpendicular)

Position of surface in external scene:
Marked point: (-10.000 m, -5.000 m,
0.000 m)



No.	Position [m]			Value [lx]
	X	Y	Z	
87	3.077	4.286	0.000	532
88	4.615	4.286	0.000	570
89	6.154	4.286	0.000	603
90	7.692	4.286	0.000	534
91	9.231	4.286	0.000	455

Quantity Points: 91

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
554	452	701	0.81	0.64