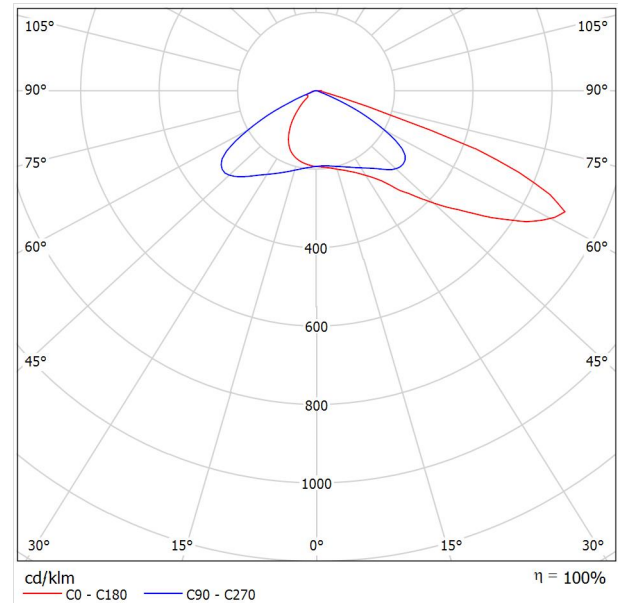


Operator
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Carbon8Lighting Discus Floodlight 400W T4B / Luminaire Data Sheet

Luminous emittance 1:

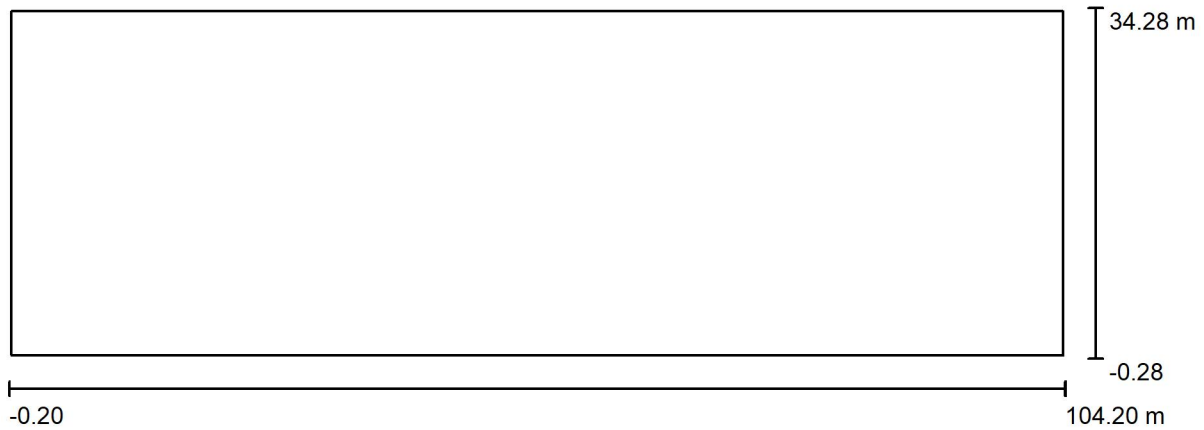
See our luminaire catalog for an image of the luminaire.



Luminaire classification according to CIE: 100
CIE flux code: 34 78 98 100 100

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

Operator
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Exterior Scene 1 / Planning data

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

Scale 1:747

Luminaire Parts List

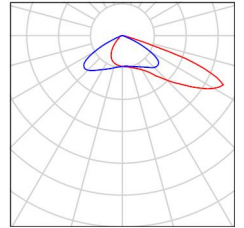
No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
1	42	Carbon8Lighting Discus Floodlight 400W T4B (1.000)	67857	67892	440.0
Total:			2849978	2851464	18480.0

Operator
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Exterior Scene 1 / Luminaire parts list

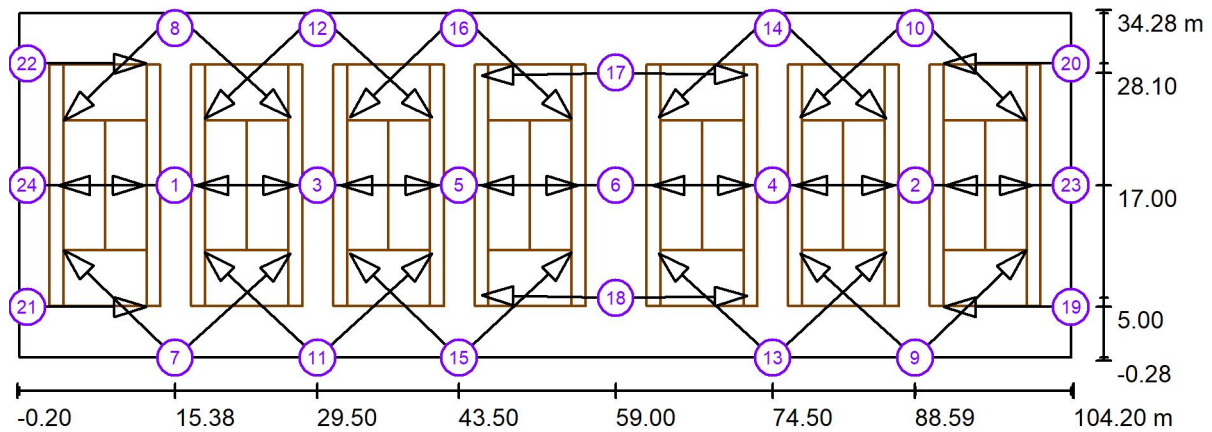
42 Pieces Carbon8Lighting Discus Floodlight 400W T4B
Article No.: Discus Floodlight
Luminous flux (Luminaire): 67857 lm
Luminous flux (Lamps): 67892 lm
Luminaire Wattage: 440.0 W
Luminaire classification according to CIE: 100
CIE flux code: 34 78 98 100 100
Fitting: 1 x User defined (Correction Factor
1.000).

See our luminaire
catalog for an image of
the luminaire.



Operator
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Fax
e-Mail

Exterior Scene 1 / Sport Luminaires (Coordinates List)



Scale 1 : 747

List of the Sport Luminaires

Luminaire	Index	Position [m]			Aiming Point [m]			Angle [°]	Alignment	Pole
		X	Y	Z	X	Y	Z			
Carbon8Lighting Discus Floodlight 400W T4B	1	15.385	17.000	6.000	27.269	17.000	0.000	26.8	(C 0, G IMax)	/
Carbon8Lighting Discus Floodlight 400W T4B	1	15.385	17.000	6.000	3.877	17.000	0.000	27.5	(C 0, G IMax)	/
Carbon8Lighting Discus Floodlight 400W T4B	2	88.615	17.000	6.000	76.731	17.000	0.000	26.8	(C 0, G IMax)	/
Carbon8Lighting Discus Floodlight 400W T4B	2	88.615	17.000	6.000	100.123	17.000	0.000	27.5	(C 0, G IMax)	/

Operator
Telephone
Fax
e-Mail

Exterior Scene 1 / Sport Luminares (Coordinates List)

List of the Sport Luminares

Luminaire	Index	Position [m]			Aiming Point [m]			Angle [°]	Alignment	Pole
		X	Y	Z	X	Y	Z			
Carbon8Lighting Discus Floodlight 400W T4B	3	29.500	17.000	6.000	17.526	17.000	0.000	26.6	(C 0, G IMax)	/
Carbon8Lighting Discus Floodlight 400W T4B	3	29.500	17.000	6.000	41.345	17.000	0.000	26.9	(C 0, G IMax)	/
Carbon8Lighting Discus Floodlight 400W T4B	4	74.500	17.000	6.000	86.474	17.000	0.000	26.6	(C 0, G IMax)	/
Carbon8Lighting Discus Floodlight 400W T4B	4	74.500	17.000	6.000	62.655	17.000	0.000	26.9	(C 0, G IMax)	/
Carbon8Lighting Discus Floodlight 400W T4B	5	43.500	17.000	6.000	55.285	17.000	0.000	27.0	(C 0, G IMax)	/
Carbon8Lighting Discus Floodlight 400W T4B	5	43.500	17.000	6.000	31.795	17.000	0.000	27.1	(C 0, G IMax)	/
Carbon8Lighting Discus Floodlight 400W T4B	6	59.000	17.000	6.000	45.740	17.000	0.000	24.3	(C 0, G IMax)	/
Carbon8Lighting Discus Floodlight 400W T4B	6	59.000	17.000	6.000	72.271	17.000	0.000	24.3	(C 0, G IMax)	/
Carbon8Lighting Discus Floodlight 400W T4B	7	15.412	0.000	6.000	26.800	10.300	0.000	21.3	(C 0, G IMax)	/
Carbon8Lighting Discus Floodlight 400W T4B	7	15.412	0.000	6.000	4.422	10.594	0.000	21.5	(C 0, G IMax)	/
Carbon8Lighting Discus Floodlight 400W T4B	8	15.412	34.000	6.000	26.800	23.700	0.000	21.3	(C 0, G IMax)	/
Carbon8Lighting Discus Floodlight 400W T4B	8	15.412	34.000	6.000	4.422	23.406	0.000	21.5	(C 0, G IMax)	/
Carbon8Lighting Discus Floodlight 400W T4B	9	88.588	0.000	6.000	77.200	10.300	0.000	21.3	(C 0, G IMax)	/
Carbon8Lighting Discus Floodlight 400W T4B	9	88.588	0.000	6.000	99.578	10.594	0.000	21.5	(C 0, G IMax)	/
Carbon8Lighting Discus Floodlight 400W T4B	10	88.588	34.000	6.000	77.200	23.700	0.000	21.3	(C 0, G IMax)	/
Carbon8Lighting Discus Floodlight 400W T4B	10	88.588	34.000	6.000	99.578	23.406	0.000	21.5	(C 0, G IMax)	/
Carbon8Lighting Discus Floodlight 400W T4B	11	29.500	0.000	6.000	18.300	10.400	0.000	21.4	(C 0, G IMax)	/
Carbon8Lighting Discus Floodlight 400W T4B	11	29.500	0.000	6.000	40.800	10.300	0.000	21.4	(C 0, G IMax)	/
Carbon8Lighting Discus Floodlight 400W T4B	12	29.500	34.000	6.000	18.300	23.600	0.000	21.4	(C 0, G IMax)	/
Carbon8Lighting Discus Floodlight 400W T4B	12	29.500	34.000	6.000	40.800	23.700	0.000	21.4	(C 0, G IMax)	/
Carbon8Lighting Discus Floodlight 400W T4B	13	74.500	0.000	6.000	85.700	10.400	0.000	21.4	(C 0, G IMax)	/
Carbon8Lighting Discus Floodlight 400W T4B	13	74.500	0.000	6.000	63.200	10.300	0.000	21.4	(C 0, G IMax)	/
Carbon8Lighting Discus Floodlight 400W T4B	14	74.500	34.000	6.000	85.700	23.600	0.000	21.4	(C 0, G IMax)	/
Carbon8Lighting Discus Floodlight 400W T4B	14	74.500	34.000	6.000	63.200	23.700	0.000	21.4	(C 0, G IMax)	/
Carbon8Lighting Discus Floodlight 400W T4B	15	43.500	0.000	6.000	54.642	10.400	0.000	21.5	(C 0, G IMax)	/
Carbon8Lighting Discus Floodlight 400W T4B	15	43.500	0.000	6.000	32.700	10.300	0.000	21.9	(C 0, G IMax)	/
Carbon8Lighting Discus Floodlight 400W T4B	16	43.500	34.000	6.000	54.642	23.600	0.000	21.5	(C 0, G IMax)	/
Carbon8Lighting Discus Floodlight 400W T4B	16	43.500	34.000	6.000	32.700	23.700	0.000	21.9	(C 0, G IMax)	/
Carbon8Lighting Discus Floodlight 400W T4B	17	59.000	28.100	6.000	45.740	27.845	0.000	24.3	(C 0, G IMax)	/
Carbon8Lighting Discus Floodlight 400W T4B	17	59.000	28.100	6.000	71.947	27.900	0.000	24.9	(C 0, G IMax)	/
Carbon8Lighting Discus Floodlight 400W T4B	18	59.000	5.900	6.000	45.740	6.155	0.000	24.3	(C 0, G IMax)	/
Carbon8Lighting Discus Floodlight 400W T4B	18	59.000	5.900	6.000	71.947	6.100	0.000	24.9	(C 0, G IMax)	/
Carbon8Lighting Discus Floodlight 400W T4B	19	104.000	5.000	6.000	91.433	5.000	0.000	25.5	(C 0, G IMax)	/
Carbon8Lighting Discus Floodlight 400W T4B	20	104.000	29.000	6.000	91.433	29.000	0.000	25.5	(C 0, G IMax)	/
Carbon8Lighting Discus Floodlight 400W T4B	21	0.000	5.000	6.000	12.567	5.000	0.000	25.5	(C 0, G IMax)	/

22	0.000	29.000	6.000	12.567	29.000	0.000	25.5	(C 0, G IMax)	/
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Operator
Telephone
Fax
e-Mail

Exterior Scene 1 / Sport Luminaires (Coordinates List)

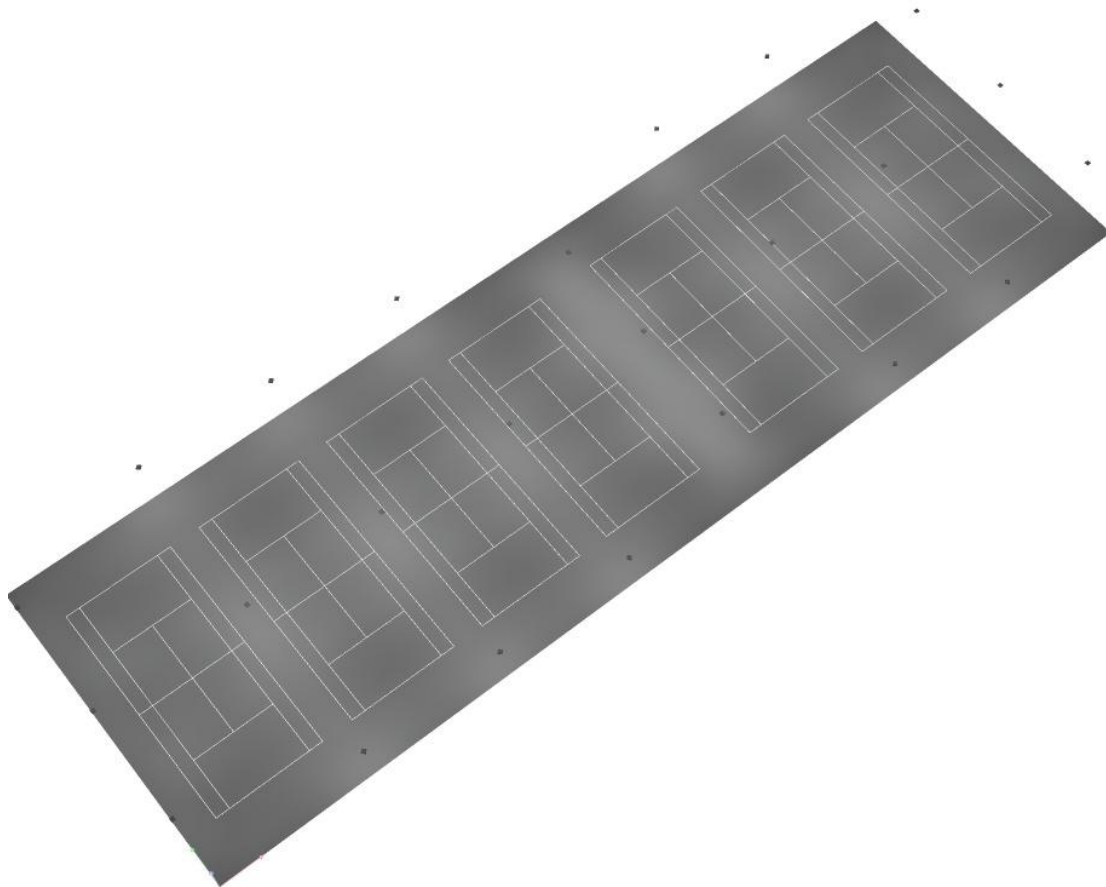
List of the Sport Luminaires

Luminaire	Index	Position [m]			Aiming Point [m]			Angle [°]	Alignment	Pole
		X	Y	Z	X	Y	Z			
Carbon8Lighting Discus Floodlight 400W T4B	23	104.000	17.000	6.000	91.604	17.000	0.000	25.8	(C 0, G IMax)	/
Carbon8Lighting Discus Floodlight 400W T4B	24	0.000	17.000	6.000	12.396	17.000	0.000	25.8	(C 0, G IMax)	/



Operator
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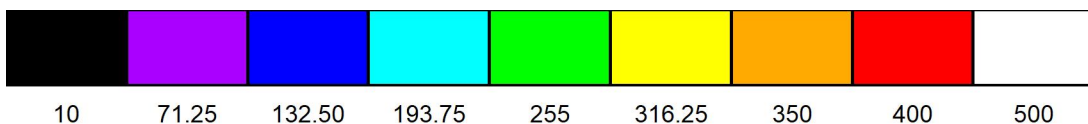
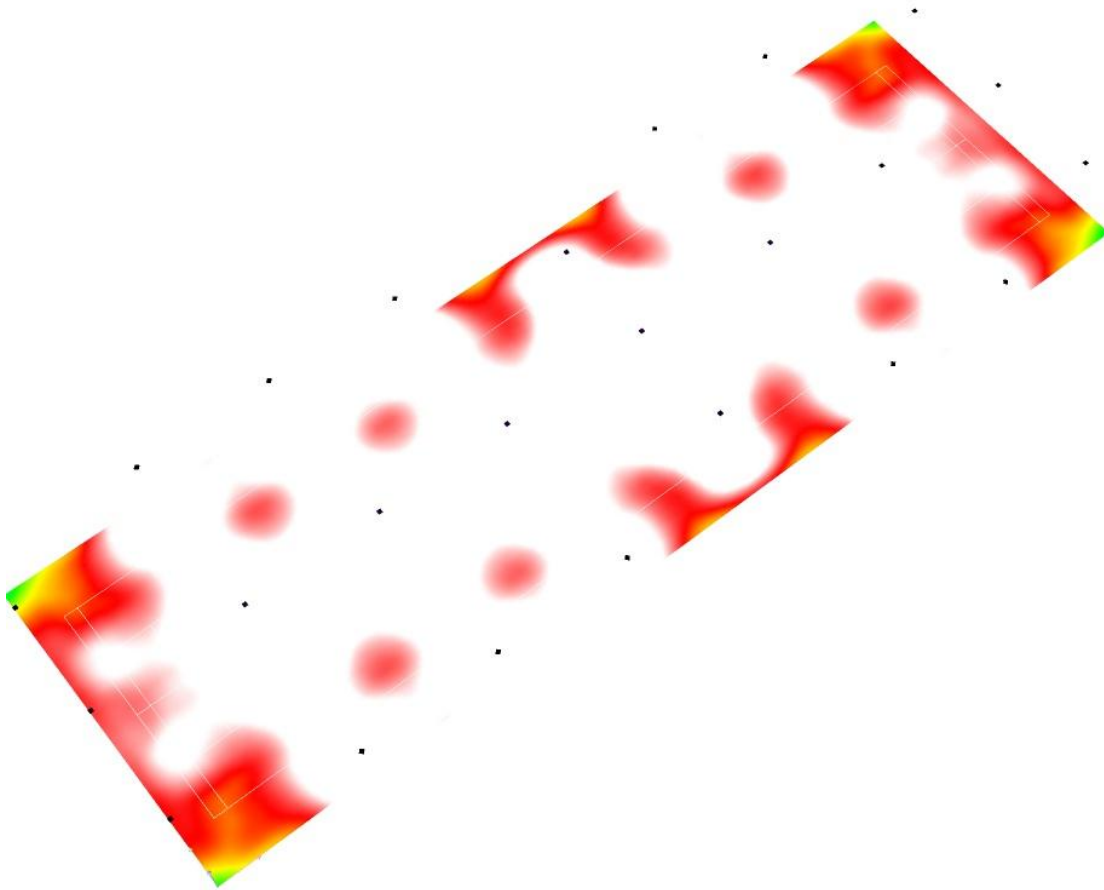
Exterior Scene 1 / 3D Rendering





Operator
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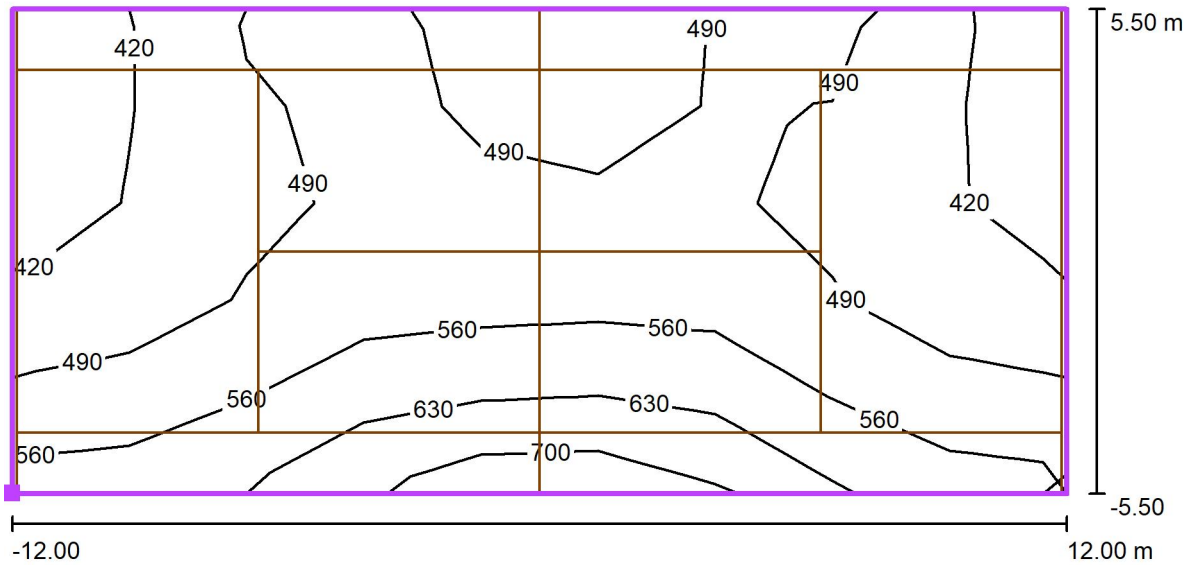
Exterior Scene 1 / False Colour Rendering



lx

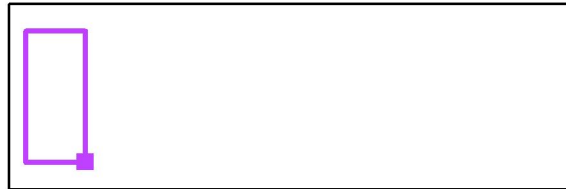
Operator
Telephone
Fax
e-Mail

Exterior Scene 1 / Tennis 1 Calculation Grid (PPA) / Isolines (E, Horizontal)



Values in Lux, Scale 1 : 172

Position of surface in external scene:
Marked point: (14.010 m, 5.000 m,
0.000 m)



Grid: 9 x 5 Points

E_{av} [lx]
507

E_{min} [lx]
374

E_{max} [lx]
700

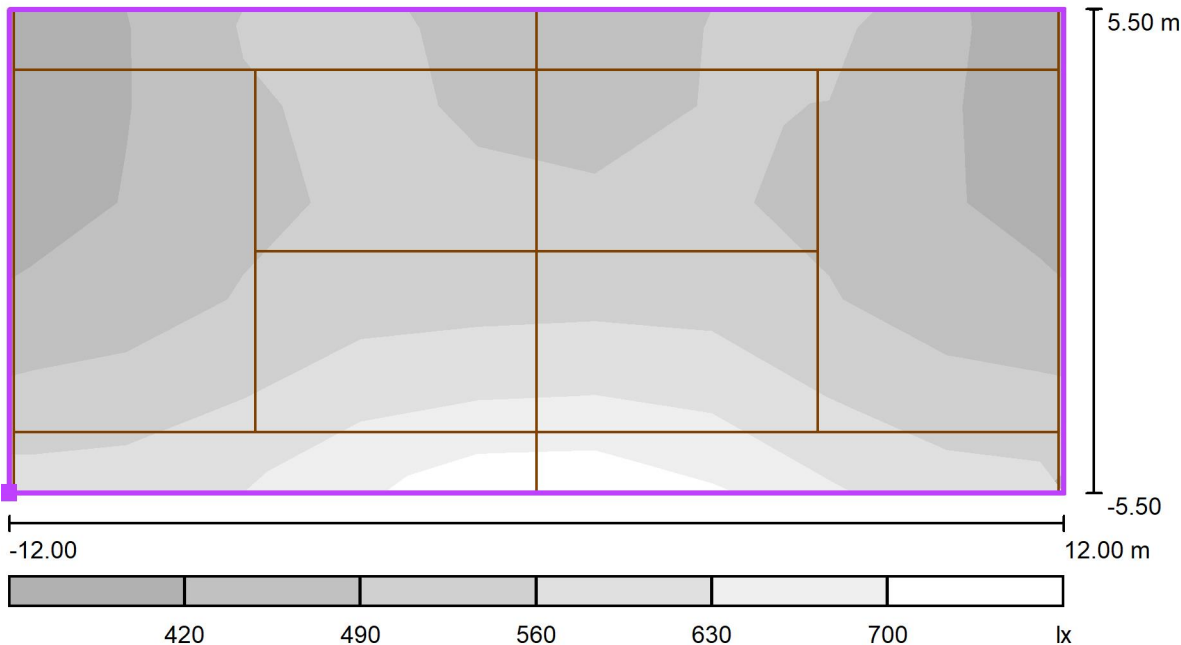
u_0
0.74

E_{min} / E_{max}
0.53



Operator
Telephone
Fax
e-Mail

Exterior Scene 1 / Tennis 1 Calculation Grid (PPA) / Greyscale (E, Horizontal)



Scale 1 : 172

Position of surface in external scene:
Marked point: (14.010 m, 5.000 m,
0.000 m)



Grid: 9 x 5 Points

E_{av} [lx]
507

E_{min} [lx]
374

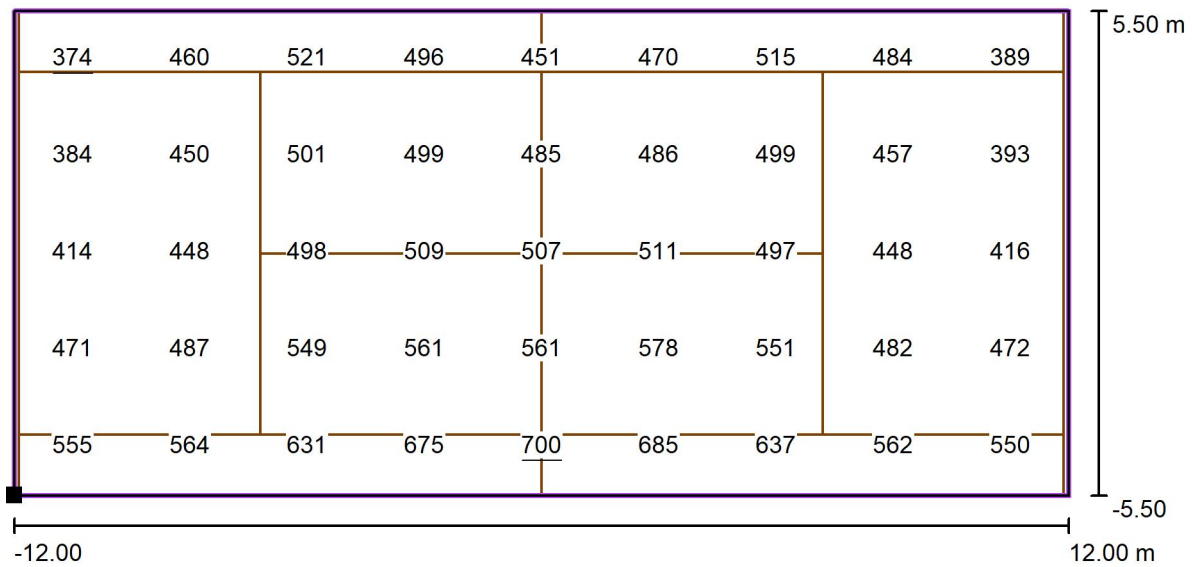
E_{max} [lx]
700

u_0
0.74

E_{min} / E_{max}
0.53

Operator
Telephone
Fax
e-Mail

Exterior Scene 1 / Tennis 1 Calculation Grid (PPA) / Value Chart (E, Horizontal)



Values in Lux, Scale 1 : 172

Position of surface in external scene:
Marked point: (14.010 m, 5.000 m,
0.000 m)



Grid: 9 x 5 Points

E_{av} [lx]
507

E_{min} [lx]
374

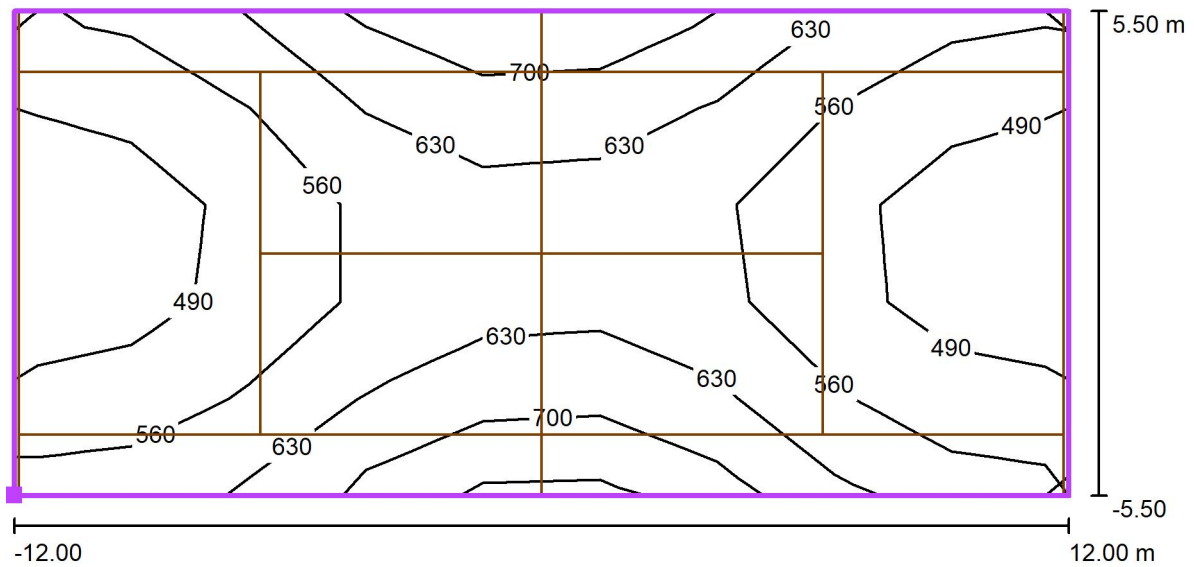
E_{max} [lx]
700

u_0
0.74

E_{min} / E_{max}
0.53

Operator
Telephone
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e-Mail

Exterior Scene 1 / Tennis 2 Calculation Grid (PPA) / Isolines (E, Horizontal)



Position of surface in external scene:
Marked point: (28.010 m, 5.000 m,
0.000 m)



Grid: 9 x 5 Points

E_{av} [lx]
571

E_{min} [lx]
439

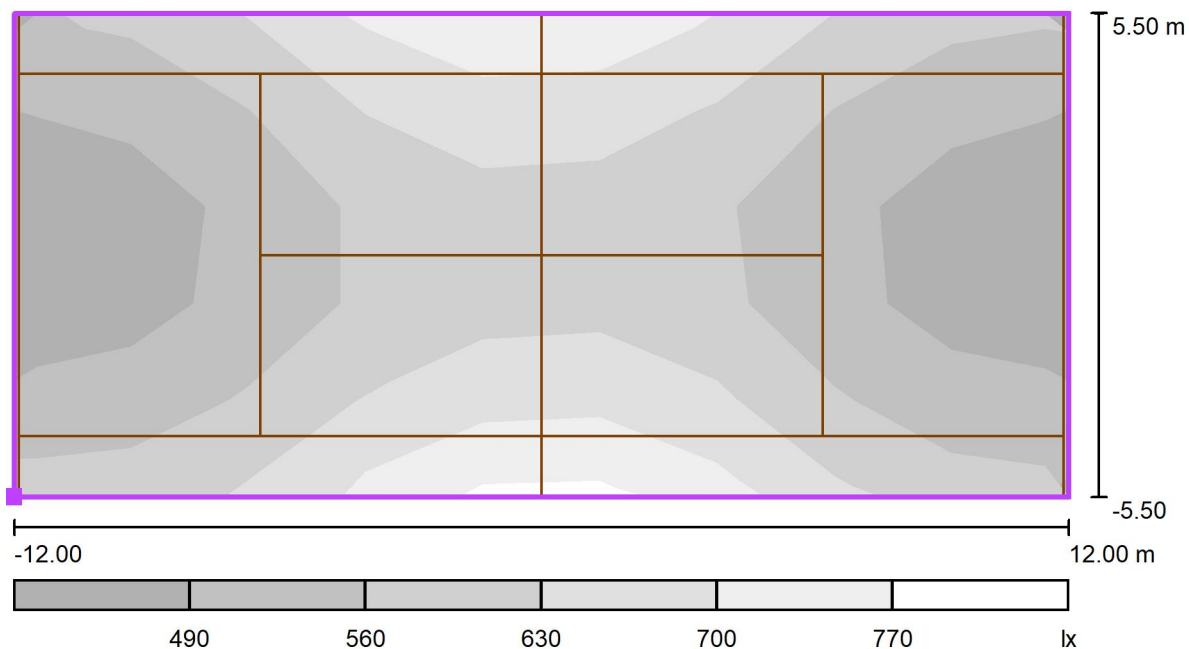
E_{max} [lx]
747

u_0
0.77

E_{min} / E_{max}
0.59

Operator
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e-Mail

Exterior Scene 1 / Tennis 2 Calculation Grid (PPA) / Greyscale (E, Horizontal)



Scale 1 : 172

Position of surface in external scene:
Marked point: (28.010 m, 5.000 m,
0.000 m)



Grid: 9 x 5 Points

E_{av} [lx]
571

E_{min} [lx]
439

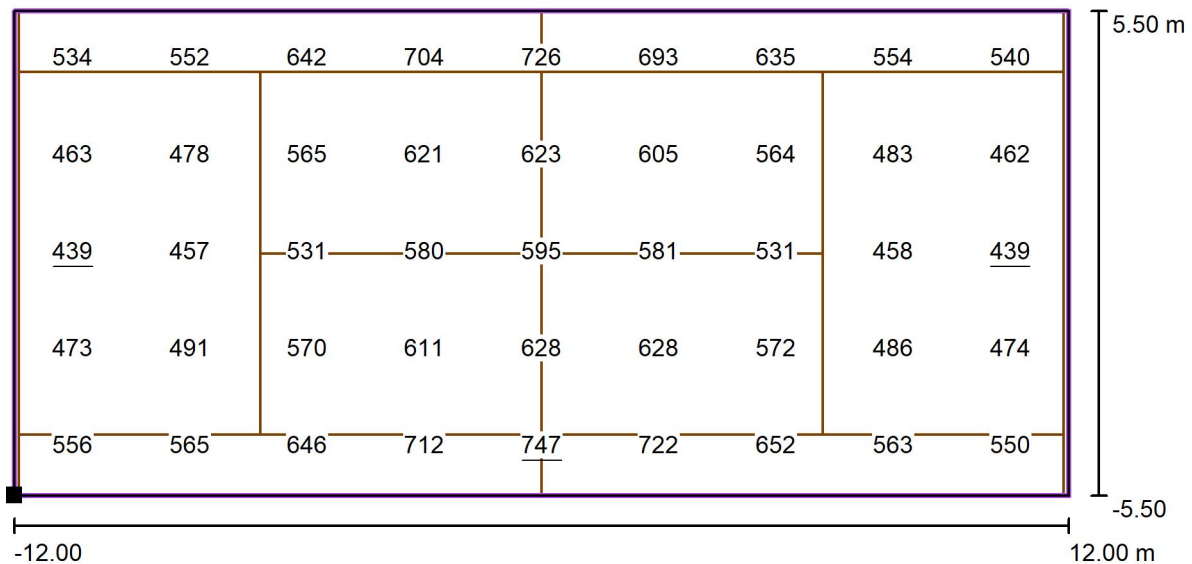
E_{max} [lx]
747

u_0
0.77

E_{min} / E_{max}
0.59

Operator
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e-Mail

Exterior Scene 1 / Tennis 2 Calculation Grid (PPA) / Value Chart (E, Horizontal)



Values in Lux, Scale 1 : 172

Position of surface in external scene:
Marked point: (28.010 m, 5.000 m,
0.000 m)



Grid: 9 x 5 Points

E_{av} [lx]
571

E_{min} [lx]
439

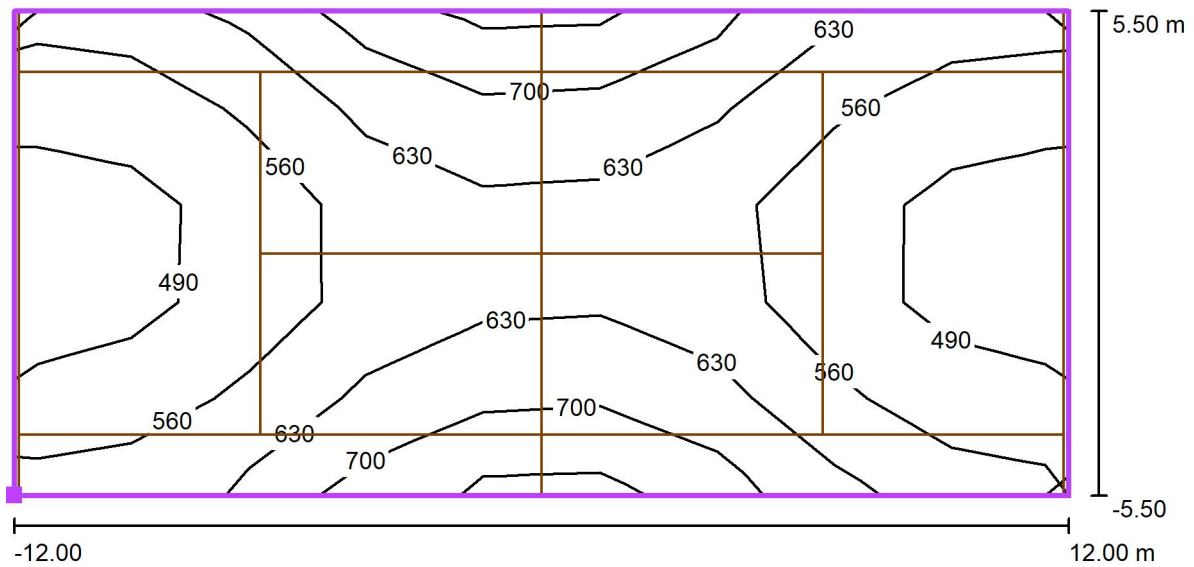
E_{max} [lx]
747

u_0
0.77

E_{min} / E_{max}
0.59

Operator
Telephone
Fax
e-Mail

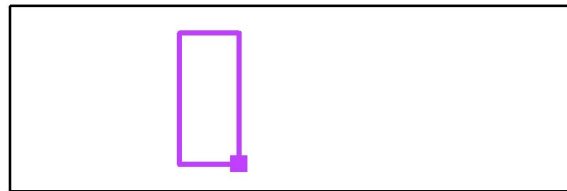
Exterior Scene 1 / Tennis 3 Calculation Grid (PPA) / Isolines (E, Horizontal)



Values in Lux, Scale 1 : 172

Position of surface in external scene:

Marked point: (42.036 m, 5.000 m, 0.000 m)



Grid: 9 x 5 Points

$$E_{av} [lx]$$

582

E_{min} [Ix]
447

$$E_{\max} [lx]$$

756

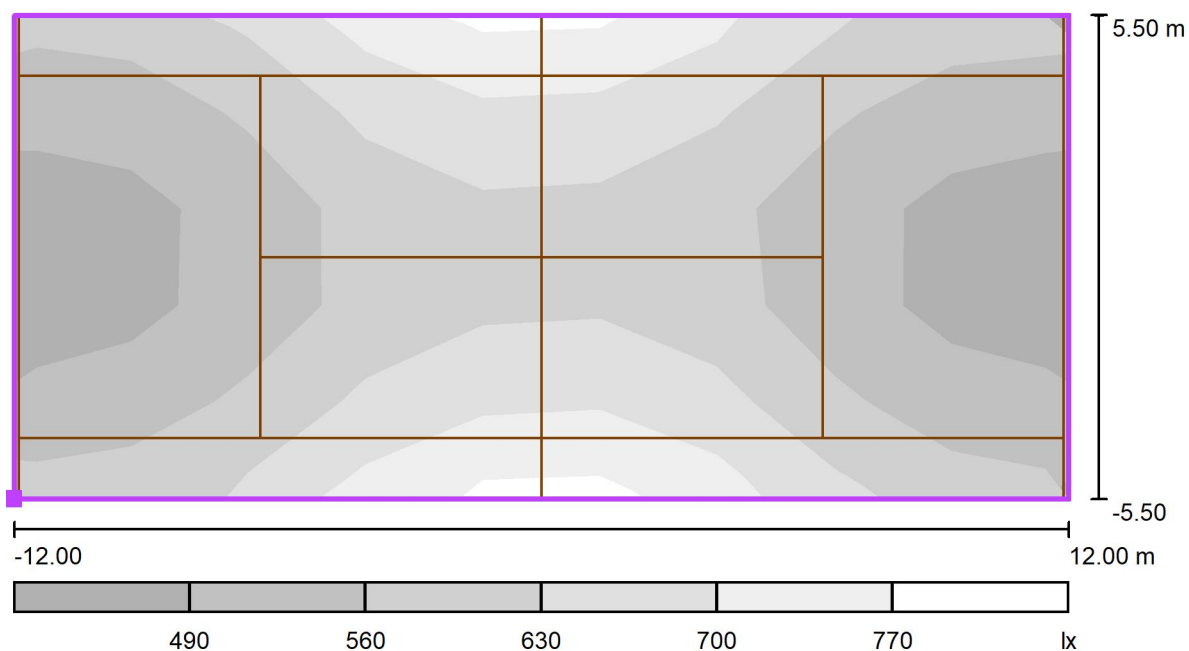
u0
0.77

$$E_{\min} / E_{\max}$$

0.59

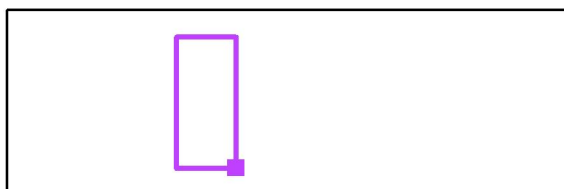
Operator
Telephone
Fax
e-Mail

Exterior Scene 1 / Tennis 3 Calculation Grid (PPA) / Greyscale (E, Horizontal)



Scale 1 : 172

Position of surface in external scene:
Marked point: (42.036 m, 5.000 m,
0.000 m)



Grid: 9 x 5 Points

E_{av} [lx]
582

E_{min} [lx]
447

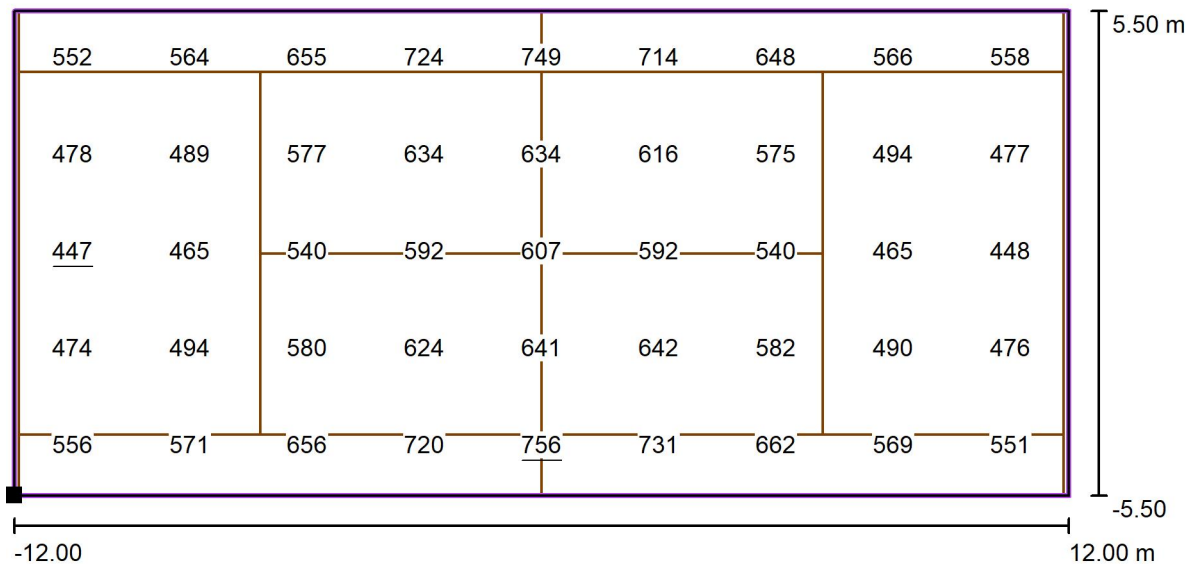
E_{max} [lx]
756

u_0
0.77

E_{min} / E_{max}
0.59

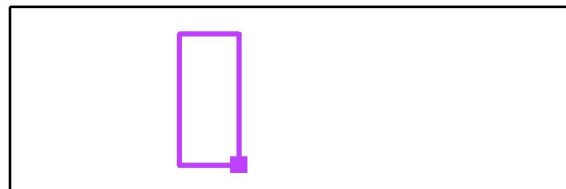
Operator
Telephone
Fax
e-Mail

Exterior Scene 1 / Tennis 3 Calculation Grid (PPA) / Value Chart (E, Horizontal)



Values in Lux, Scale 1 : 172

Position of surface in external scene:
Marked point: (42.036 m, 5.000 m,
0.000 m)



Grid: 9 x 5 Points

E_{av} [lx]
582

E_{min} [lx]
447

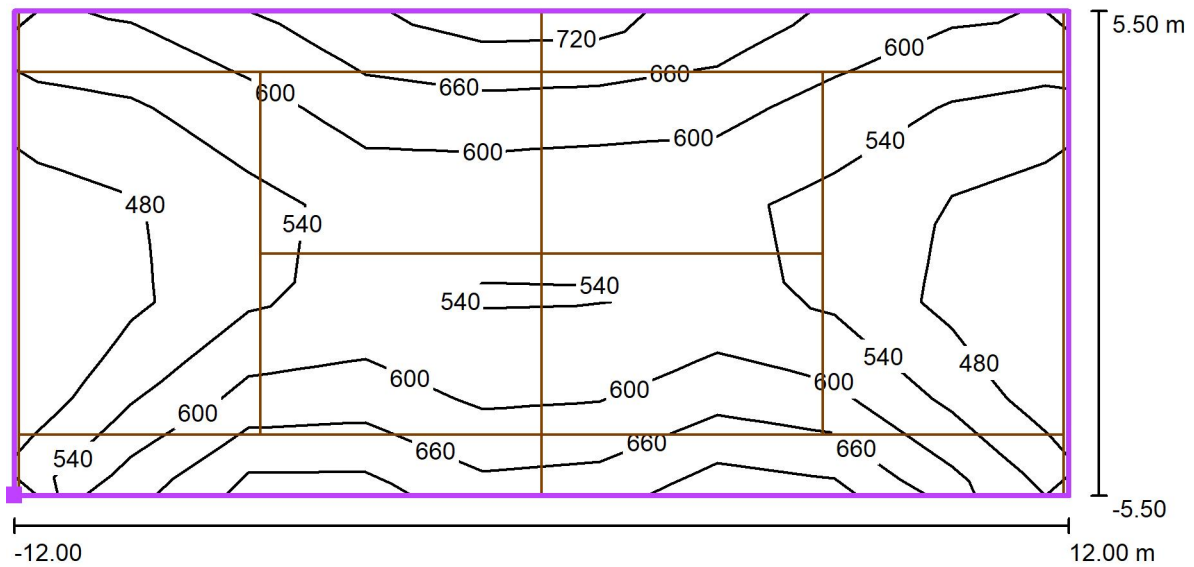
E_{max} [lx]
756

u_0
0.77

E_{min} / E_{max}
0.59

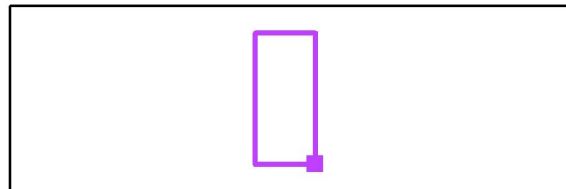
Operator
Telephone
Fax
e-Mail

Exterior Scene 1 / Tennis 4 Calculation Grid (PPA) / Isolines (E, Horizontal)



Values in Lux, Scale 1 : 172

Position of surface in external scene:
Marked point: (56.024 m, 5.000 m,
0.000 m)



Grid: 9 x 5 Points

E_{av} [lx]
566

E_{min} [lx]
431

E_{max} [lx]
722

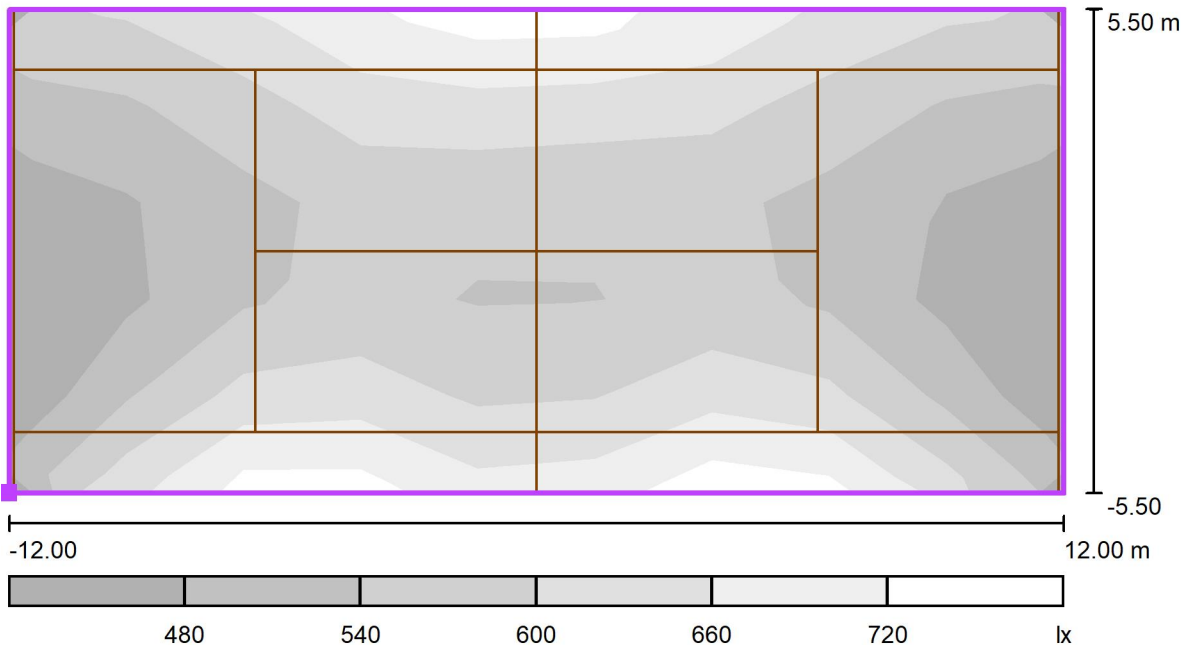
u_0
0.76

E_{min} / E_{max}
0.60



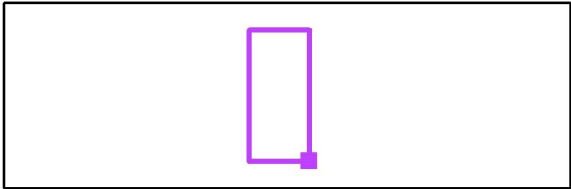
Operator
Telephone
Fax
e-Mail

Exterior Scene 1 / Tennis 4 Calculation Grid (PPA) / Greyscale (E, Horizontal)



Scale 1 : 172

Position of surface in external scene:
Marked point: (56.024 m, 5.000 m,
0.000 m)



Grid: 9 x 5 Points

E_{av} [lx]
566

E_{min} [lx]
431

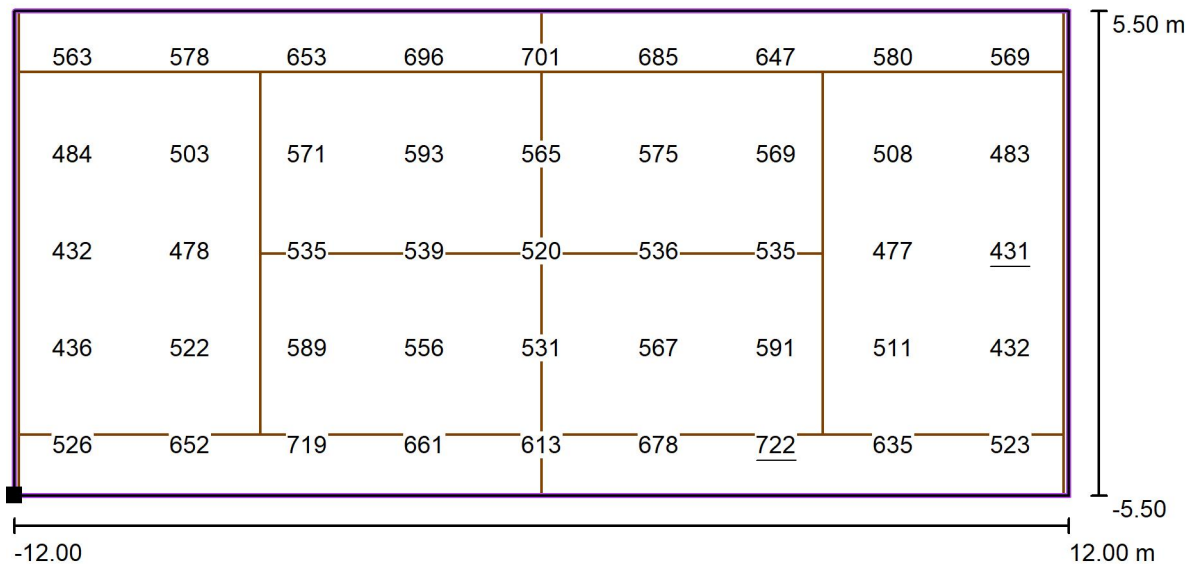
E_{max} [lx]
722

u0
0.76

E_{min} / E_{max}
0.60

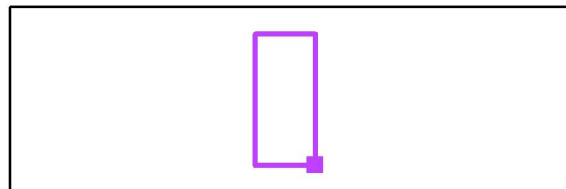
Operator
Telephone
Fax
e-Mail

Exterior Scene 1 / Tennis 4 Calculation Grid (PPA) / Value Chart (E, Horizontal)



Values in Lux, Scale 1 : 172

Position of surface in external scene:
Marked point: (56.024 m, 5.000 m,
0.000 m)



Grid: 9 x 5 Points

E_{av} [lx]
566

E_{min} [lx]
431

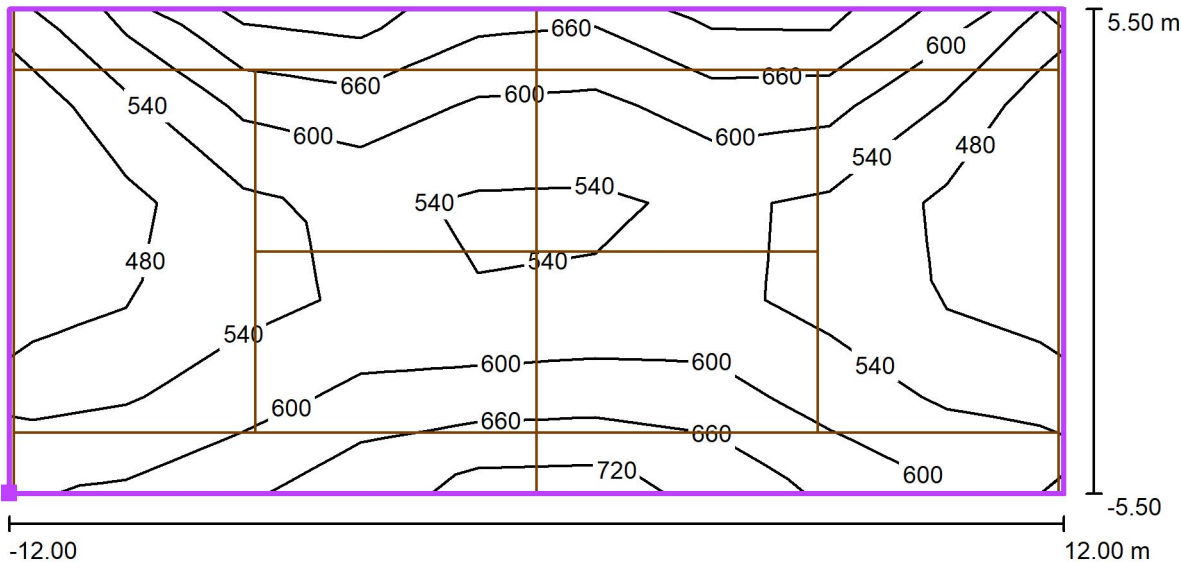
E_{max} [lx]
722

u_0
0.76

E_{min} / E_{max}
0.60

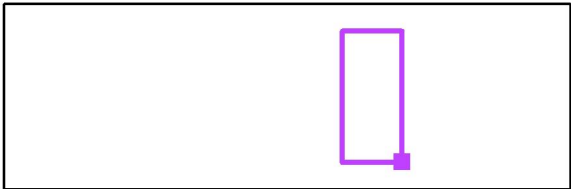
Operator
Telephone
Fax
e-Mail

Exterior Scene 1 / Tennis 5 Calculation Grid (PPA) / Isolines (E, Horizontal)



Values in Lux, Scale 1 : 172

Position of surface in external scene:
Marked point: (73.031 m, 5.000 m,
0.000 m)



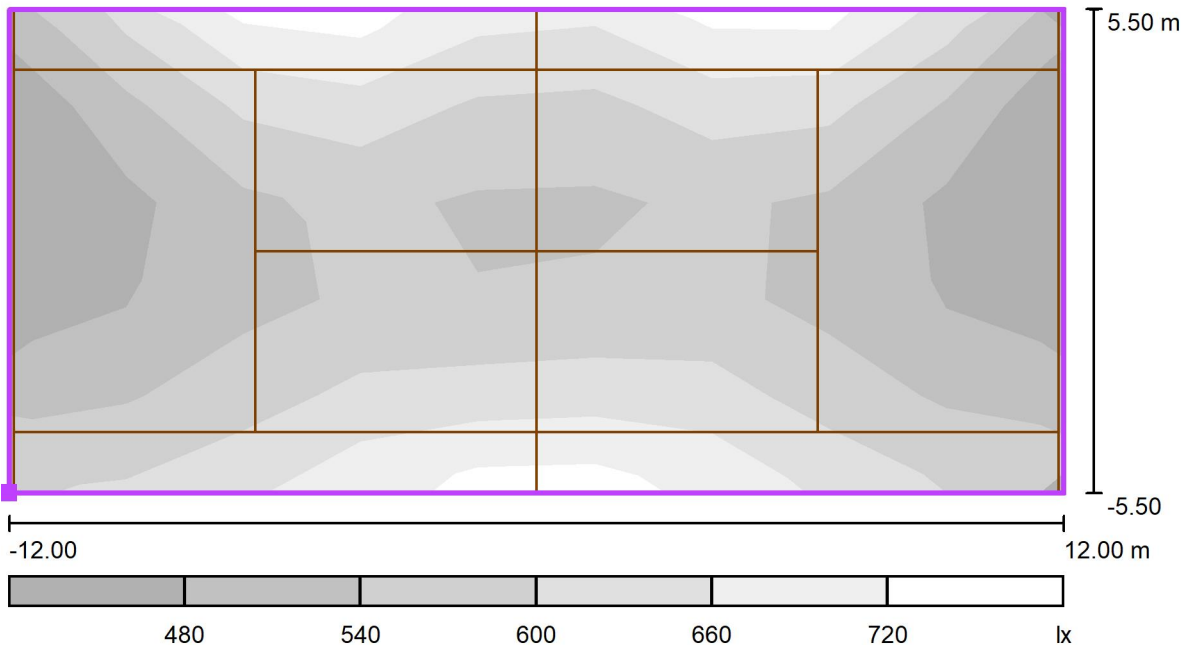
Grid: 9 x 5 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u_0	E_{min} / E_{max}
563	433	719	0.77	0.60



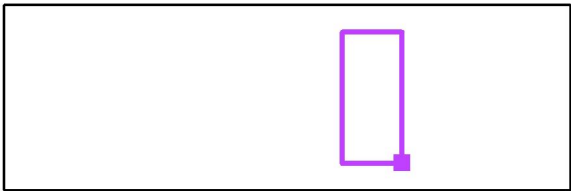
Operator
Telephone
Fax
e-Mail

Exterior Scene 1 / Tennis 5 Calculation Grid (PPA) / Greyscale (E, Horizontal)



Scale 1 : 172

Position of surface in external scene:
Marked point: (73.031 m, 5.000 m,
0.000 m)



Grid: 9 x 5 Points

E_{av} [lx]
563

E_{min} [lx]
433

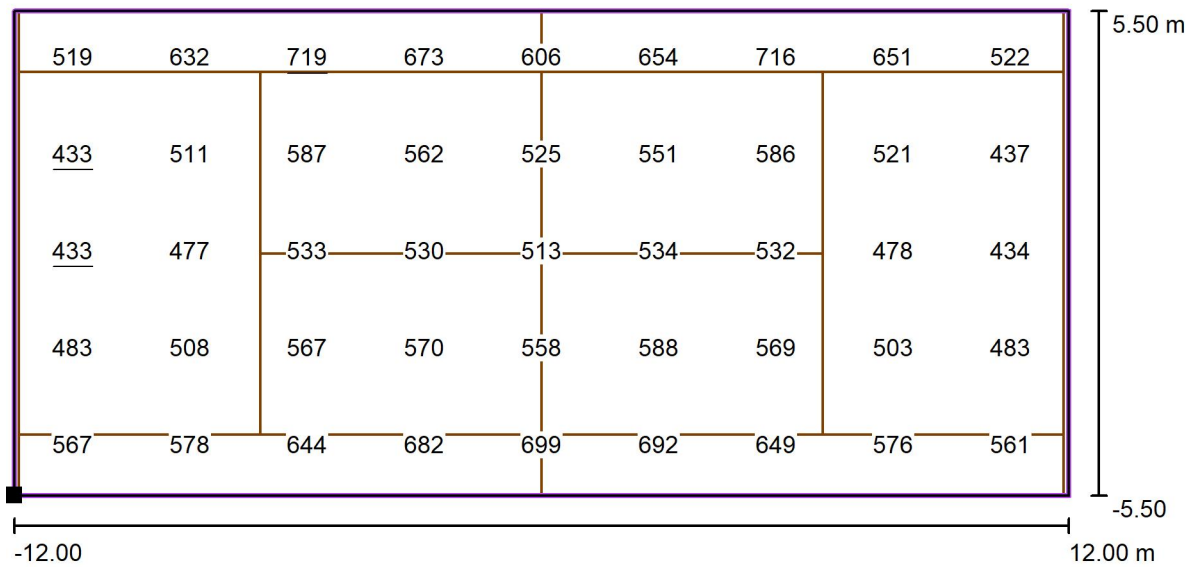
E_{max} [lx]
719

u0
0.77

E_{min} / E_{max}
0.60

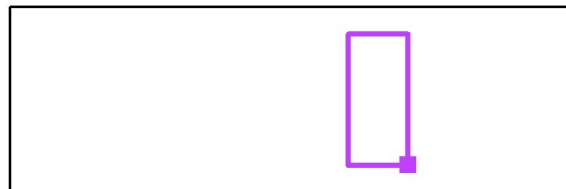
Operator
Telephone
Fax
e-Mail

Exterior Scene 1 / Tennis 5 Calculation Grid (PPA) / Value Chart (E, Horizontal)



Values in Lux, Scale 1 : 172

Position of surface in external scene:
Marked point: (73.031 m, 5.000 m,
0.000 m)



Grid: 9 x 5 Points

E_{av} [lx]
563

E_{min} [lx]
433

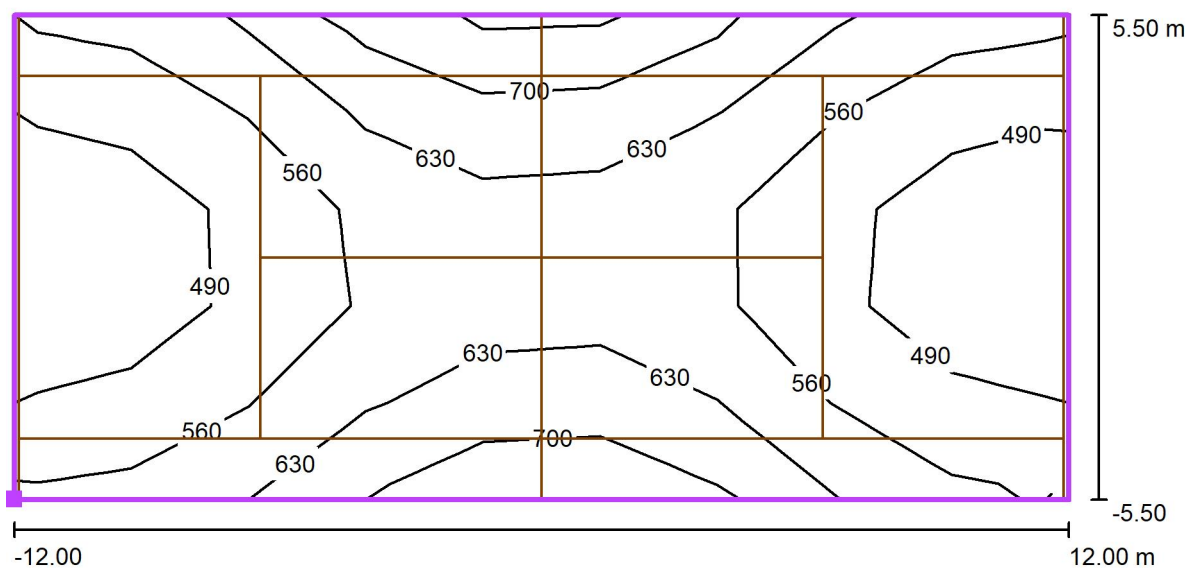
E_{max} [lx]
719

u_0
0.77

E_{min} / E_{max}
0.60

Operator
Telephone
Fax
e-Mail

Exterior Scene 1 / Tennis 6 Calculation Grid (PPA) / Isolines (E, Horizontal)



Values in Lux, Scale 1 : 172

Position of surface in external scene:
Marked point: (87.000 m, 5.000 m,
0.000 m)



Grid: 9 x 5 Points

E_{av} [lx]
568

E_{min} [lx]
435

E_{max} [lx]
745

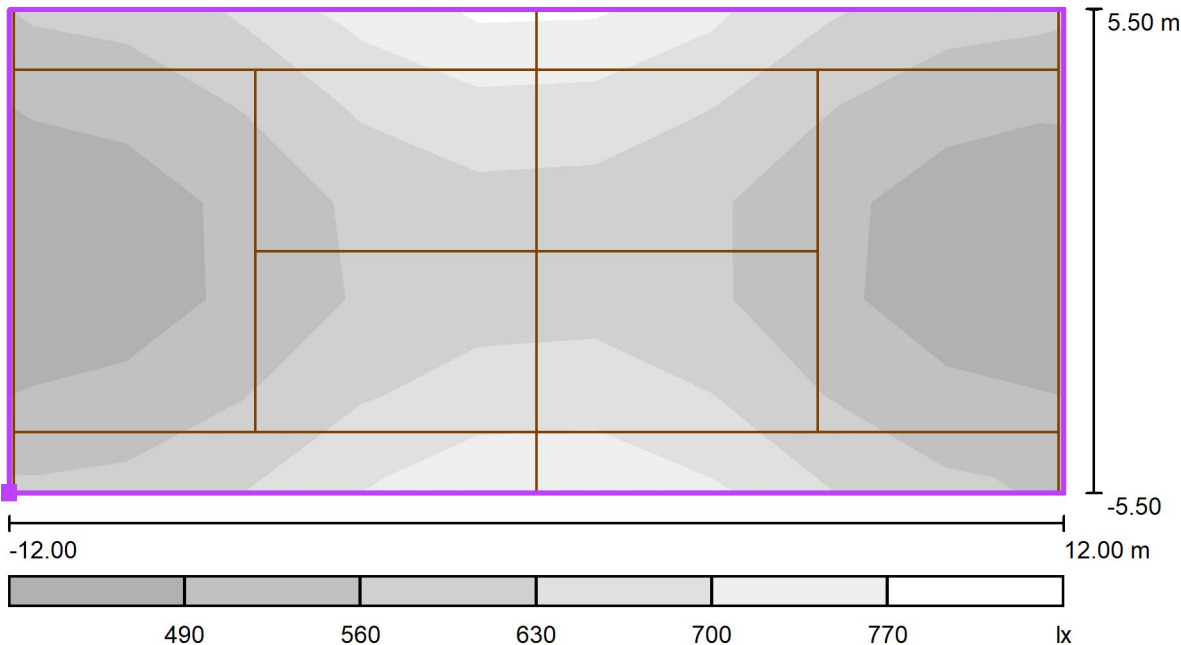
u_0
0.76

E_{min} / E_{max}
0.58



Operator
Telephone
Fax
e-Mail

Exterior Scene 1 / Tennis 6 Calculation Grid (PPA) / Greyscale (E, Horizontal)



Scale 1 : 172

Position of surface in external scene:
Marked point: (87.000 m, 5.000 m,
0.000 m)



Grid: 9 x 5 Points

E_{av} [lx]
568

E_{min} [lx]
435

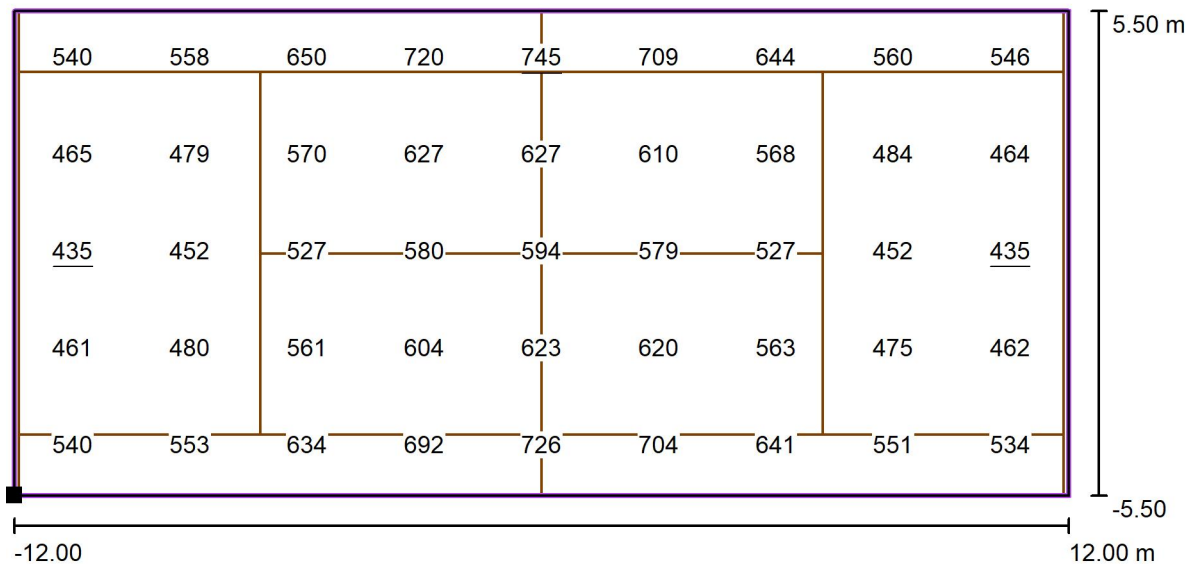
E_{max} [lx]
745

$u0$
0.76

E_{min} / E_{max}
0.58

Operator
Telephone
Fax
e-Mail

Exterior Scene 1 / Tennis 6 Calculation Grid (PPA) / Value Chart (E, Horizontal)



Values in Lux, Scale 1 : 172

Position of surface in external scene:
Marked point: (87.000 m, 5.000 m,
0.000 m)

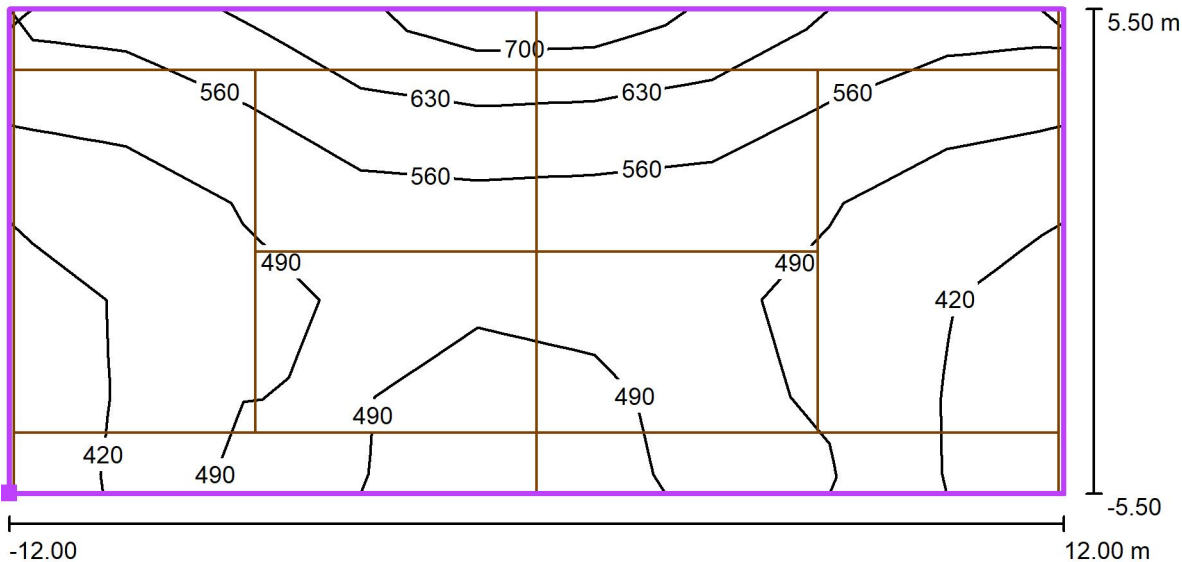


Grid: 9 x 5 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u_0	E_{min} / E_{max}
568	435	745	0.76	0.58

Operator
Telephone
Fax
e-Mail

Exterior Scene 1 / Tennis 7 Calculation Grid (PPA) / Isolines (E, Horizontal)



Values in Lux, Scale 1 : 172

Position of surface in external scene:
Marked point: (101.007 m, 5.000 m,
0.000 m)



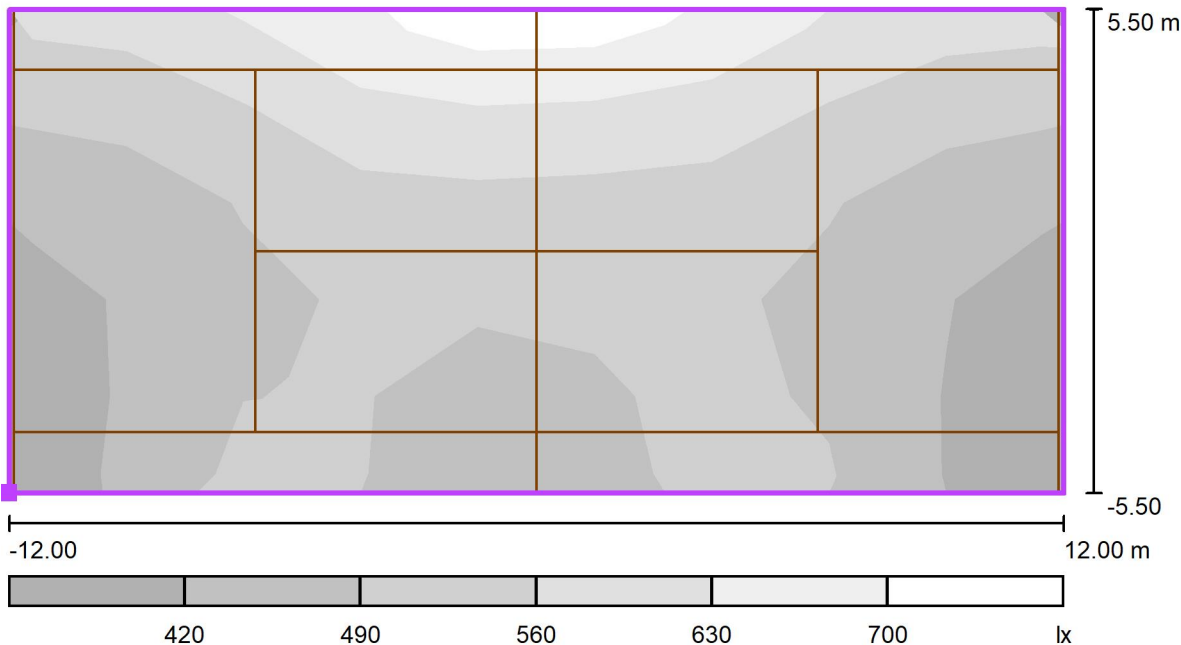
Grid: 9 x 5 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u_0	E_{min} / E_{max}
507	374	699	0.74	0.54



Operator
Telephone
Fax
e-Mail

Exterior Scene 1 / Tennis 7 Calculation Grid (PPA) / Greyscale (E, Horizontal)



Scale 1 : 172

Position of surface in external scene:
Marked point: (101.007 m, 5.000 m,
0.000 m)



Grid: 9 x 5 Points

E_{av} [lx]
507

E_{min} [lx]
374

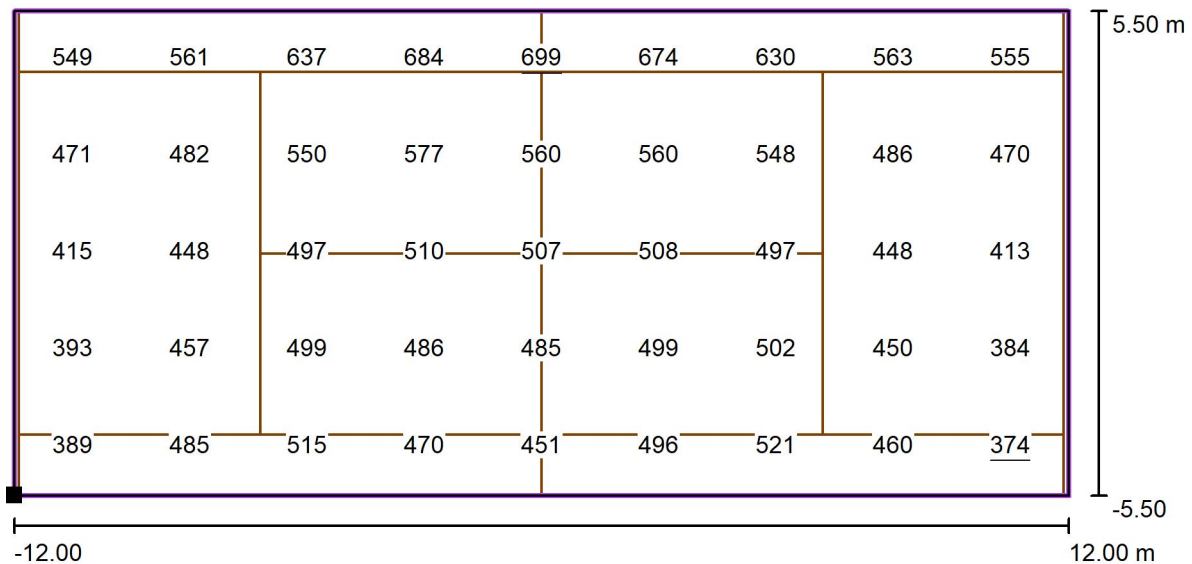
E_{max} [lx]
699

$u0$
0.74

E_{min} / E_{max}
0.54

Operator
Telephone
Fax
e-Mail

Exterior Scene 1 / Tennis 7 Calculation Grid (PPA) / Value Chart (E, Horizontal)



Values in Lux, Scale 1 : 172

Position of surface in external scene:
Marked point: (101.007 m, 5.000 m,
0.000 m)



Grid: 9 x 5 Points

E_{av} [lx]
507

E_{min} [lx]
374

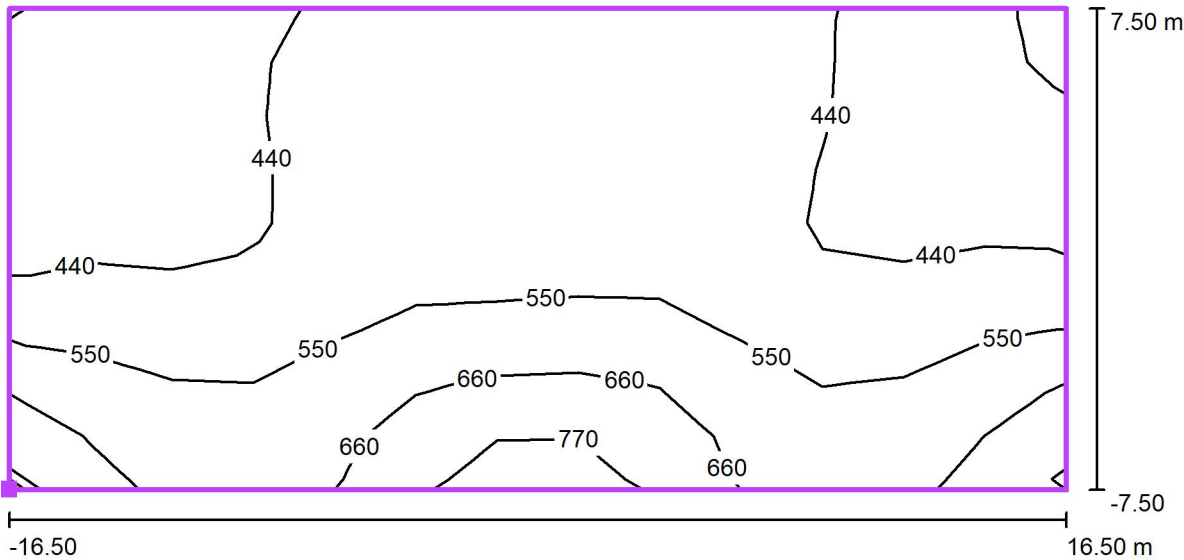
E_{max} [lx]
699

u_0
0.74

E_{min} / E_{max}
0.54

Operator
Telephone
Fax
e-Mail

Exterior Scene 1 / Tennis 1 Calculation Grid (TPA) / Isolines (E, Horizontal)



Values in Lux, Scale 1 : 236

Position of surface in external scene:
Marked point: (16.010 m, 0.500 m,
0.000 m)

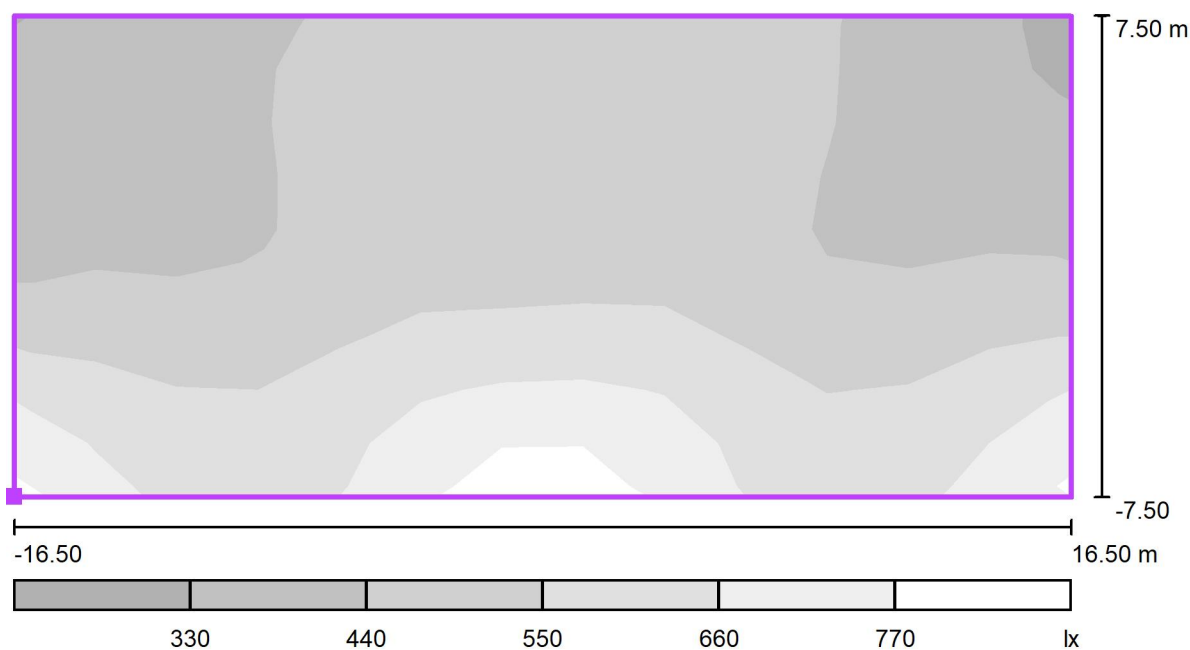


Grid: 13 x 9 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	$u0$	E_{min} / E_{max}
510	322	823	0.63	0.39

Operator
Telephone
Fax
e-Mail

Exterior Scene 1 / Tennis 1 Calculation Grid (TPA) / Greyscale (E, Horizontal)



Scale 1 : 236

Position of surface in external scene:
Marked point: (16.010 m, 0.500 m,
0.000 m)



Grid: 13 x 9 Points

E_{av} [lx]
510

E_{min} [lx]
322

E_{max} [lx]
823

u_0
0.63

E_{min} / E_{max}
0.39

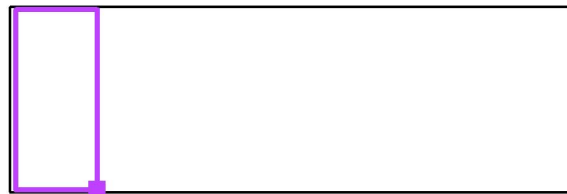
Operator
Telephone
Fax
e-Mail

Exterior Scene 1 / Tennis 1 Calculation Grid (TPA) / Value Chart (E, Horizontal)

348	393	404	448	486	464	448	442	474	468	425	386	<u>322</u>	7.50 m
368	370	385	474	523	483	447	458	511	495	404	367	340	
381	382	385	471	515	498	469	475	511	482	404	376	361	
393	399	391	455	499	497	490	488	497	459	399	403	391	
416	431	413	455	501	507	507	509	501	455	413	440	437	
471	482	451	480	537	541	542	554	539	477	451	496	499	
563	542	508	533	600	615	616	629	606	530	505	551	586	
665	591	573	587	655	714	746	720	662	586	567	601	685	
726	627	606	609	680	775	<u>823</u>	775	681	609	605	629	729	-7.50
													16.50 m

Values in Lux, Scale 1 : 236

Position of surface in external scene:
Marked point: (16.010 m, 0.500 m,
0.000 m)



Grid: 13 x 9 Points

E_{av} [lx]
510

E_{min} [lx]
322

E_{max} [lx]
823

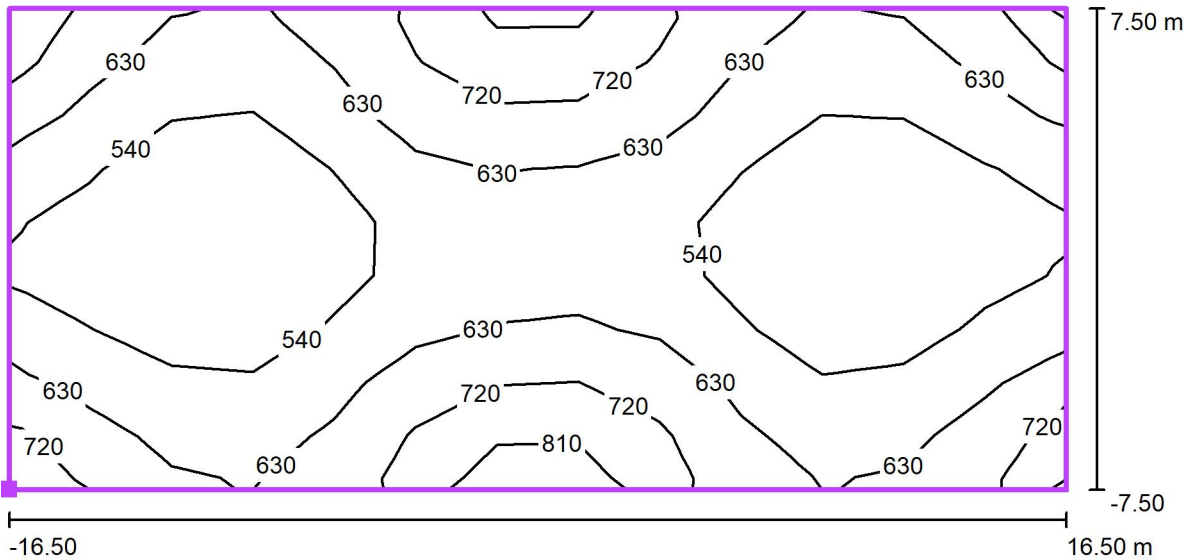
u_0
0.63

E_{min} / E_{max}
0.39



Operator
Telephone
Fax
e-Mail

Exterior Scene 1 / Tennis 2 Calculation Grid (TPA) / Isolines (E, Horizontal)



Values in Lux, Scale 1 : 236

Position of surface in external scene:
Marked point: (30.010 m, 0.500 m, 0.000 m)

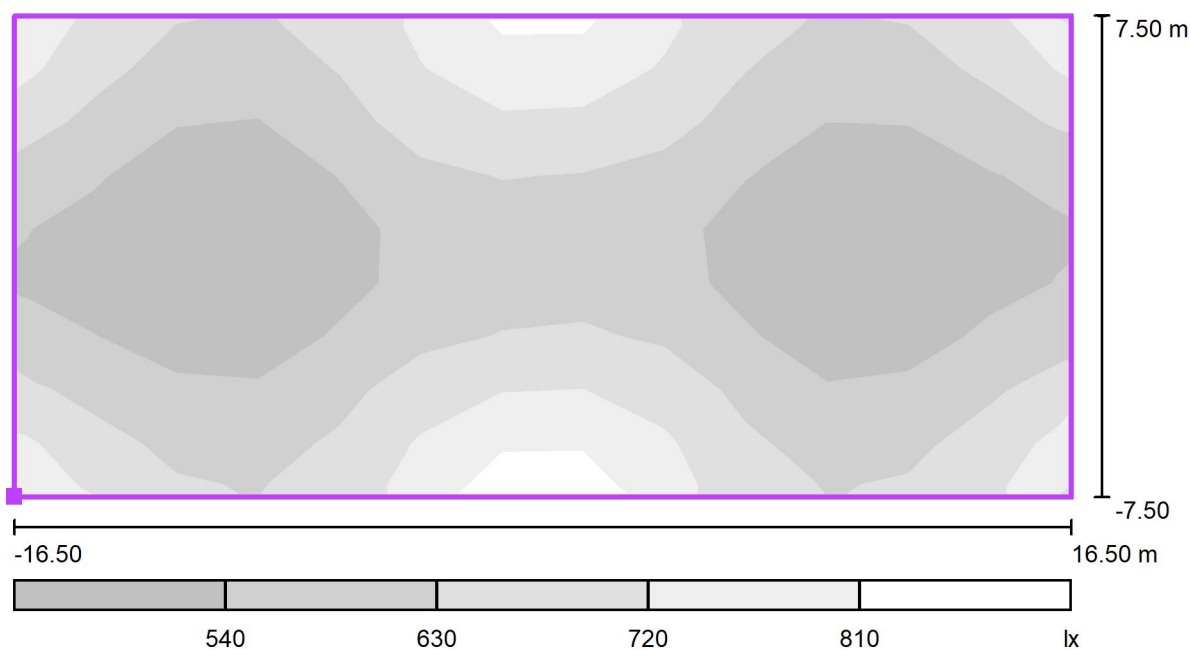


Grid: 13 x 9 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	$u0$	E_{min} / E_{max}
601	432	858	0.72	0.50

Operator
Telephone
Fax
e-Mail

Exterior Scene 1 / Tennis 2 Calculation Grid (TPA) / Greyscale (E, Horizontal)



Scale 1 : 236

Position of surface in external scene:
Marked point: (30.010 m, 0.500 m,
0.000 m)



Grid: 13 x 9 Points

E_{av} [lx]
601

E_{min} [lx]
432

E_{max} [lx]
858

u_0
0.72

E_{min} / E_{max}
0.50

Operator
Telephone
Fax
e-Mail

Exterior Scene 1 / Tennis 2 Calculation Grid (TPA) / Value Chart (E, Horizontal)

729	628	603	608	683	779	826	777	680	608	605	626	725
683	591	553	580	667	733	764	726	659	581	560	584	663
599	543	489	522	615	661	658	646	610	526	492	537	578
545	507	446	476	558	604	609	591	557	479	446	499	524
517	488	<u>432</u>	465	538	581	595	581	538	465	<u>432</u>	488	517
527	505	455	486	562	596	613	610	565	482	455	514	547
585	550	506	536	619	657	672	671	625	533	503	556	606
673	598	575	590	671	748	788	755	678	590	568	606	692
734	639	617	615	695	805	<u>858</u>	805	697	616	615	641	737

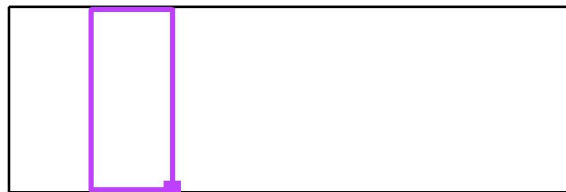
7.50 m

-7.50

-16.50 16.50 m

Values in Lux, Scale 1 : 236

Position of surface in external scene:
Marked point: (30.010 m, 0.500 m,
0.000 m)



Grid: 13 x 9 Points

E_{av} [lx]
601

E_{min} [lx]
432

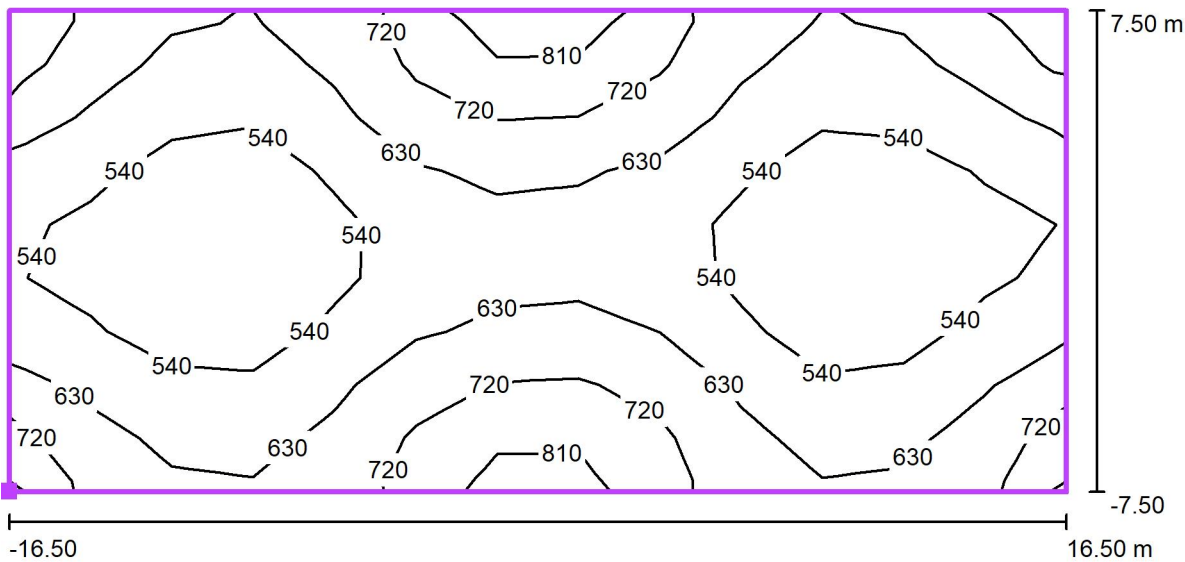
E_{max} [lx]
858

u_0
0.72

E_{min} / E_{max}
0.50

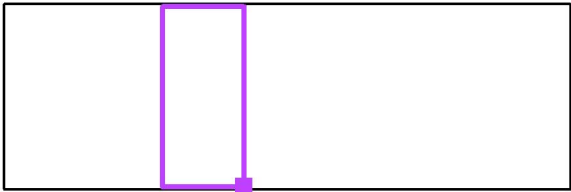
Operator
Telephone
Fax
e-Mail

Exterior Scene 1 / Tennis 3 Calculation Grid (TPA) / Isolines (E, Horizontal)



Values in Lux, Scale 1 : 236

Position of surface in external scene:
Marked point: (44.036 m, 0.500 m,
0.000 m)

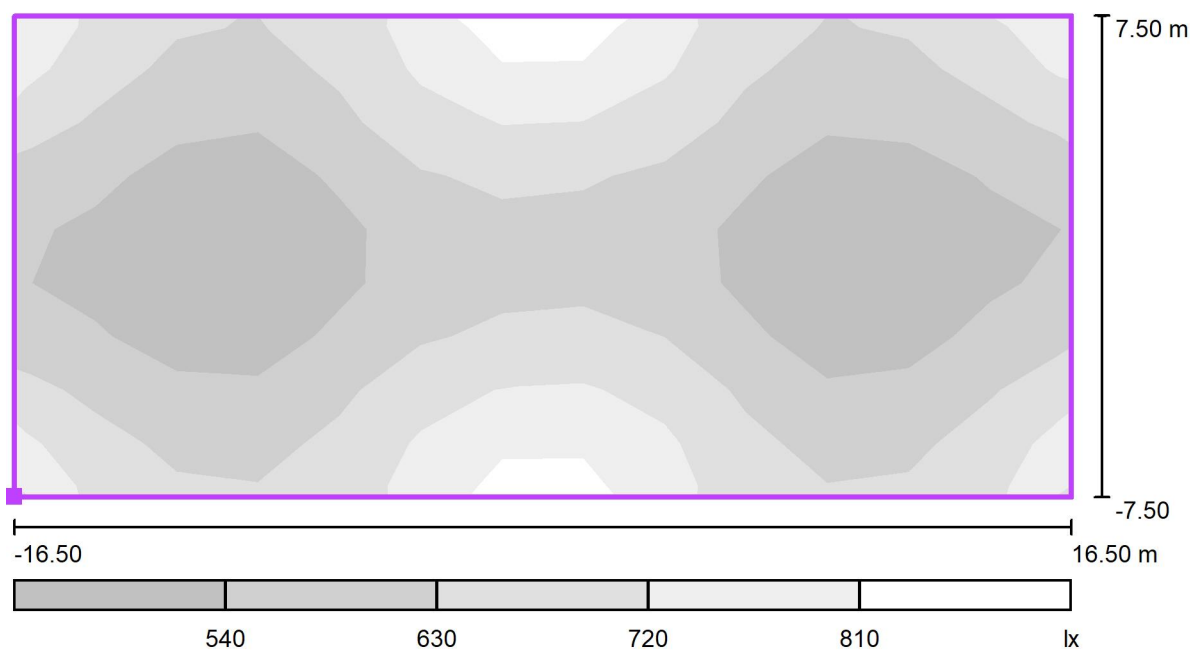


Grid: 13 x 9 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	$u0$	E_{min} / E_{max}
610	439	858	0.72	0.51

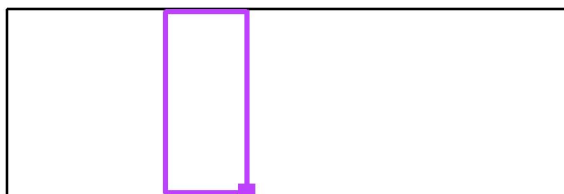
Operator
Telephone
Fax
e-Mail

Exterior Scene 1 / Tennis 3 Calculation Grid (TPA) / Greyscale (E, Horizontal)



Scale 1 : 236

Position of surface in external scene:
Marked point: (44.036 m, 0.500 m,
0.000 m)



Grid: 13 x 9 Points

E_{av} [lx]
610

E_{min} [lx]
439

E_{max} [lx]
858

u_0
0.72

E_{min} / E_{max}
0.51

Operator
Telephone
Fax
e-Mail

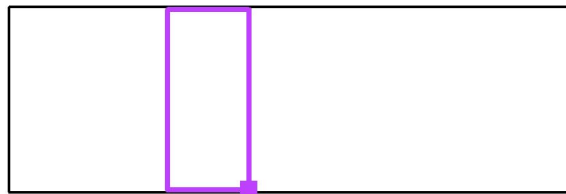
Exterior Scene 1 / Tennis 3 Calculation Grid (TPA) / Value Chart (E, Horizontal)

737	641	615	616	698	806	<u>858</u>	804	696	616	617	639	734
693	608	570	590	680	757	789	750	672	591	576	601	674
609	560	505	535	627	675	674	660	622	538	508	554	589
553	521	459	486	570	616	620	602	568	490	459	513	533
527	497	<u>439</u>	472	548	592	607	592	548	472	<u>439</u>	498	528
538	511	457	491	573	609	625	623	575	488	458	520	560
594	553	506	541	629	669	682	684	635	538	504	560	616
679	600	575	597	679	753	791	760	687	597	570	608	698
733	638	620	624	698	796	843	797	701	624	618	639	736

-16.50 16.50 m
 7.50 m
 -7.50

Values in Lux, Scale 1 : 236

Position of surface in external scene:
Marked point: (44.036 m, 0.500 m,
0.000 m)



Grid: 13 x 9 Points

E_{av} [lx]
610

E_{min} [lx]
439

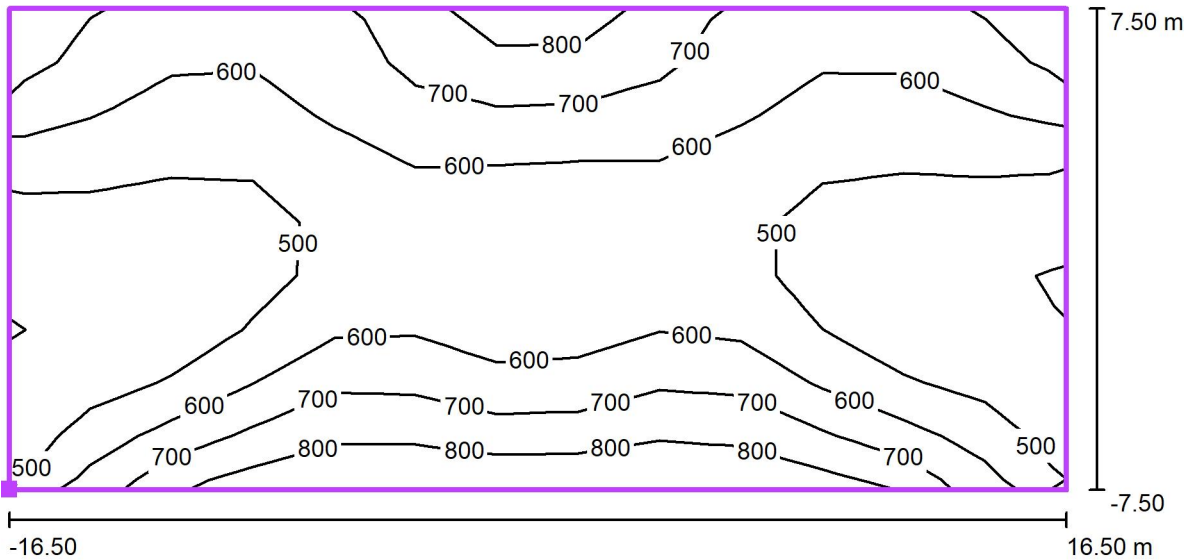
E_{max} [lx]
858

u_0
0.72

E_{min} / E_{max}
0.51

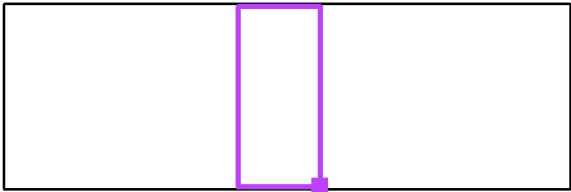
Operator
Telephone
Fax
e-Mail

Exterior Scene 1 / Tennis 4 Calculation Grid (TPA) / Isolines (E, Horizontal)



Values in Lux, Scale 1 : 236

Position of surface in external scene:
Marked point: (58.024 m, 0.500 m, 0.000 m)

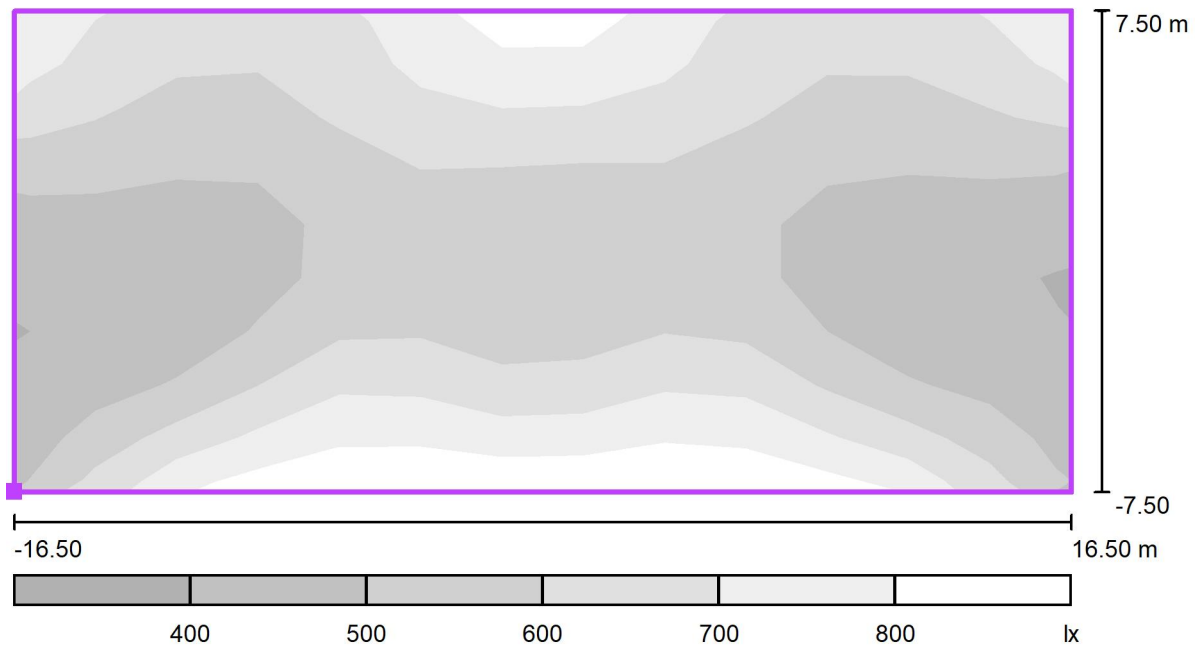


Grid: 13 x 9 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	$u0$	E_{min} / E_{max}
590	397	852	0.67	0.47

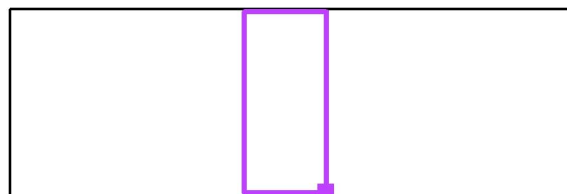
Operator
Telephone
Fax
e-Mail

Exterior Scene 1 / Tennis 4 Calculation Grid (TPA) / Greyscale (E, Horizontal)



Scale 1 : 236

Position of surface in external scene:
Marked point: (58.024 m, 0.500 m,
0.000 m)

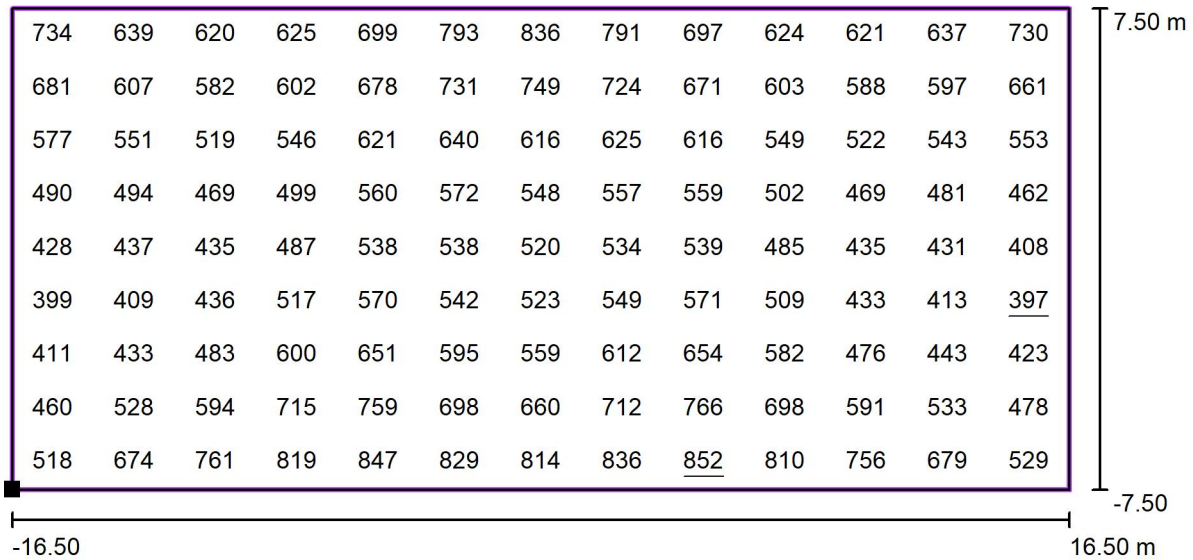


Grid: 13 x 9 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u_0	E_{min} / E_{max}
590	397	852	0.67	0.47

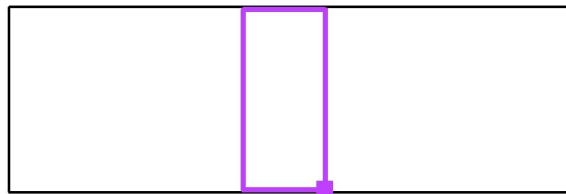
Operator
Telephone
Fax
e-Mail

Exterior Scene 1 / Tennis 4 Calculation Grid (TPA) / Value Chart (E, Horizontal)



Values in Lux, Scale 1 : 236

Position of surface in external scene:
Marked point: (58.024 m, 0.500 m,
0.000 m)



Grid: 13 x 9 Points

$$E_{av} [lx]$$

590

$$E_{\min} [Ix]$$

E_{max} [lx]
852

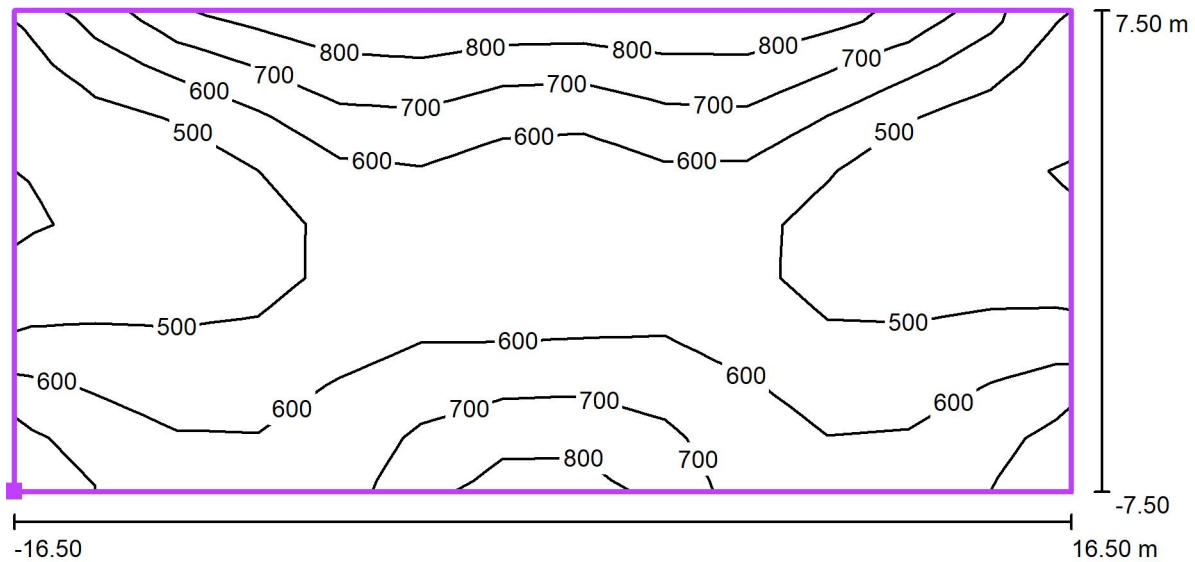
u0
0.67

$$E_{\min} / E_{\max}$$

0.47

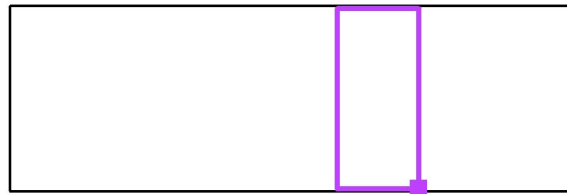
Operator
Telephone
Fax
e-Mail

Exterior Scene 1 / Tennis 5 Calculation Grid (TPA) / Isolines (E, Horizontal)



Values in Lux, Scale 1 : 236

Position of surface in external scene:
Marked point: (75.031 m, 0.500 m,
0.000 m)



Grid: 13 x 9 Points

E_{av} [lx]
587

E_{min} [lx]
395

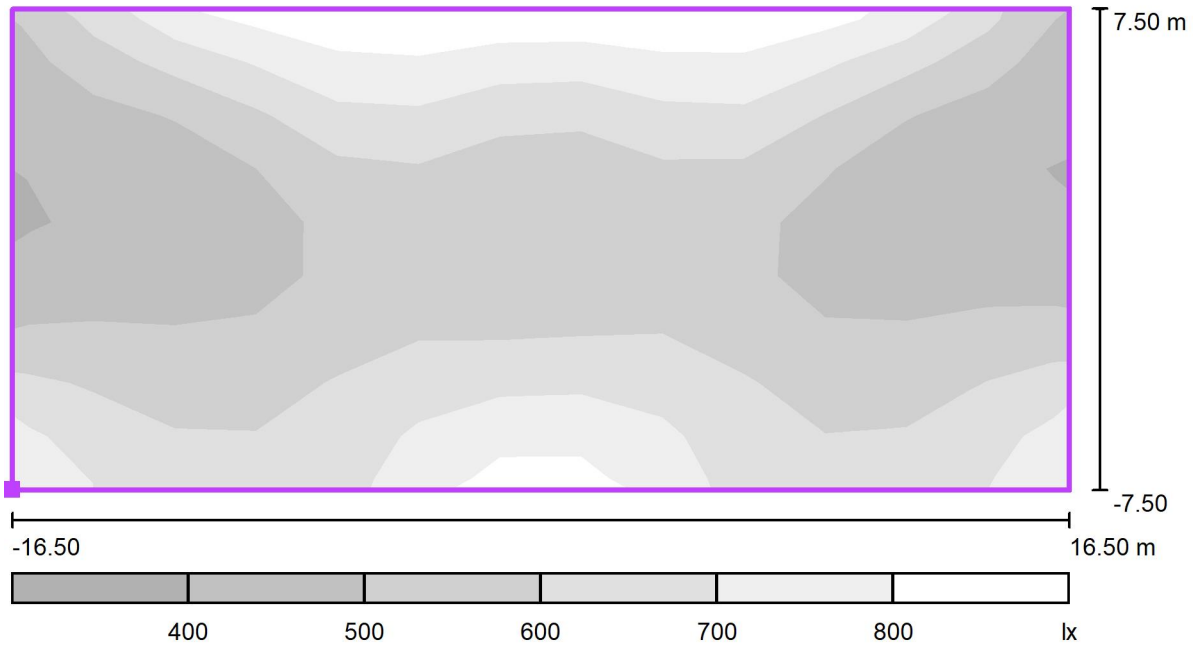
E_{max} [lx]
850

u_0
0.67

E_{min} / E_{max}
0.46

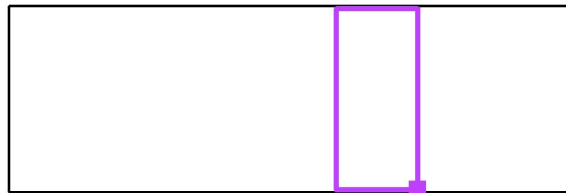
Operator
Telephone
Fax
e-Mail

Exterior Scene 1 / Tennis 5 Calculation Grid (TPA) / Greyscale (E, Horizontal)



Scale 1 : 236

Position of surface in external scene:
Marked point: (75.031 m, 0.500 m,
0.000 m)



Grid: 13 x 9 Points

E_{av} [lx]
587

E_{min} [lx]
395

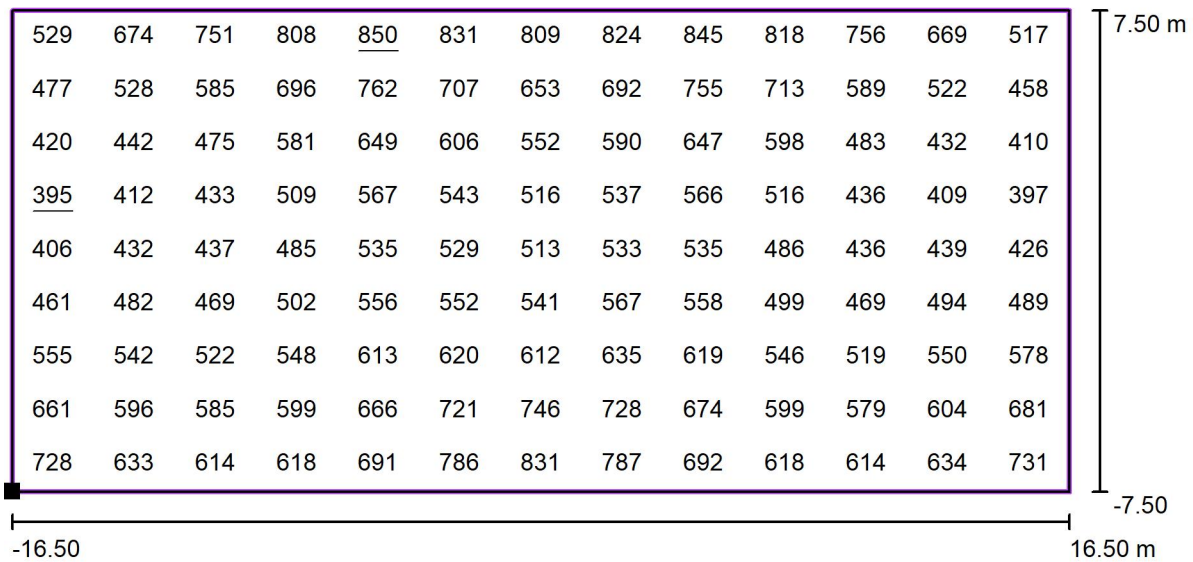
E_{max} [lx]
850

u_0
0.67

E_{min} / E_{max}
0.46

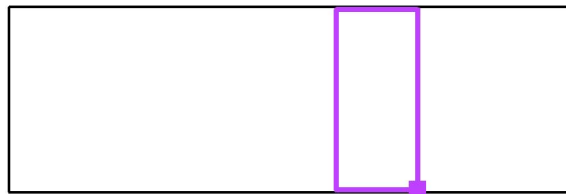
Operator
Telephone
Fax
e-Mail

Exterior Scene 1 / Tennis 5 Calculation Grid (TPA) / Value Chart (E, Horizontal)



Values in Lux, Scale 1 : 236

Position of surface in external scene:
Marked point: (75.031 m, 0.500 m,
0.000 m)



Grid: 13 x 9 Points

E_{av} [lx]
587

E_{min} [lx]
395

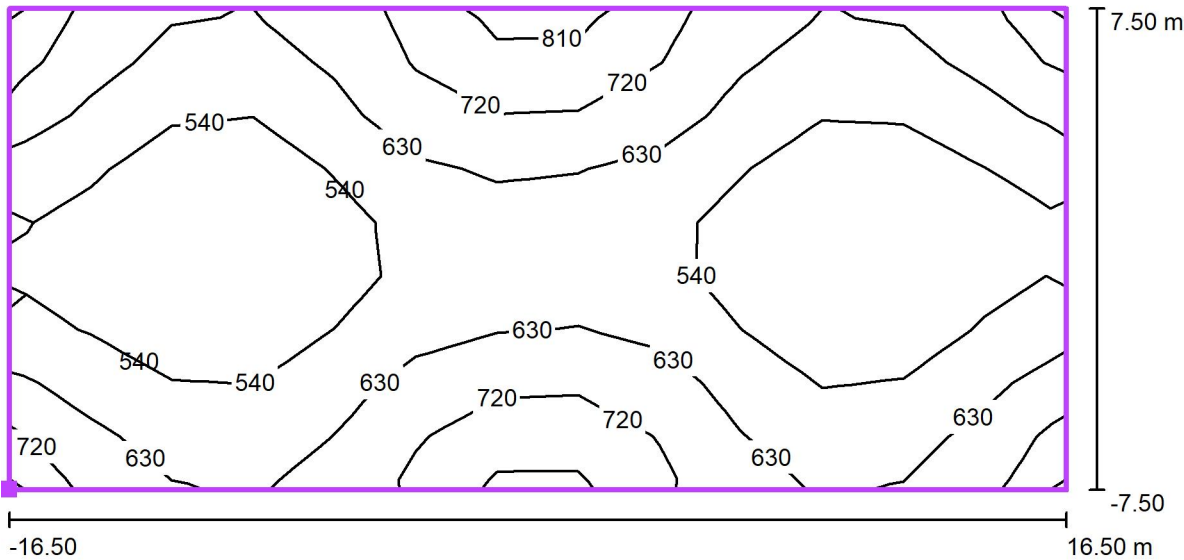
E_{max} [lx]
850

u_0
0.67

E_{min} / E_{max}
0.46

Operator
Telephone
Fax
e-Mail

Exterior Scene 1 / Tennis 6 Calculation Grid (TPA) / Isolines (E, Horizontal)



Values in Lux, Scale 1 : 236

Position of surface in external scene:
Marked point: (89.000 m, 0.500 m,
0.000 m)



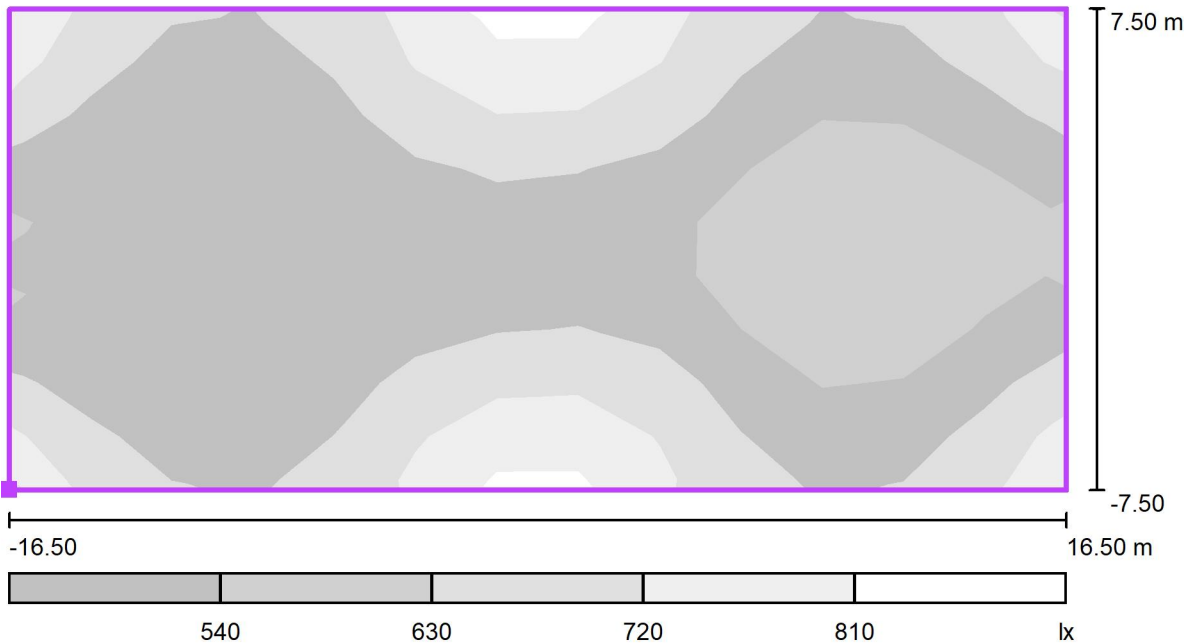
Grid: 13 x 9 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	$u0$	E_{min} / E_{max}
598	427	837	0.71	0.51



Operator
Telephone
Fax
e-Mail

Exterior Scene 1 / Tennis 6 Calculation Grid (TPA) / Greyscale (E, Horizontal)



Scale 1 : 236

Position of surface in external scene:
Marked point: (89.000 m, 0.500 m,
0.000 m)

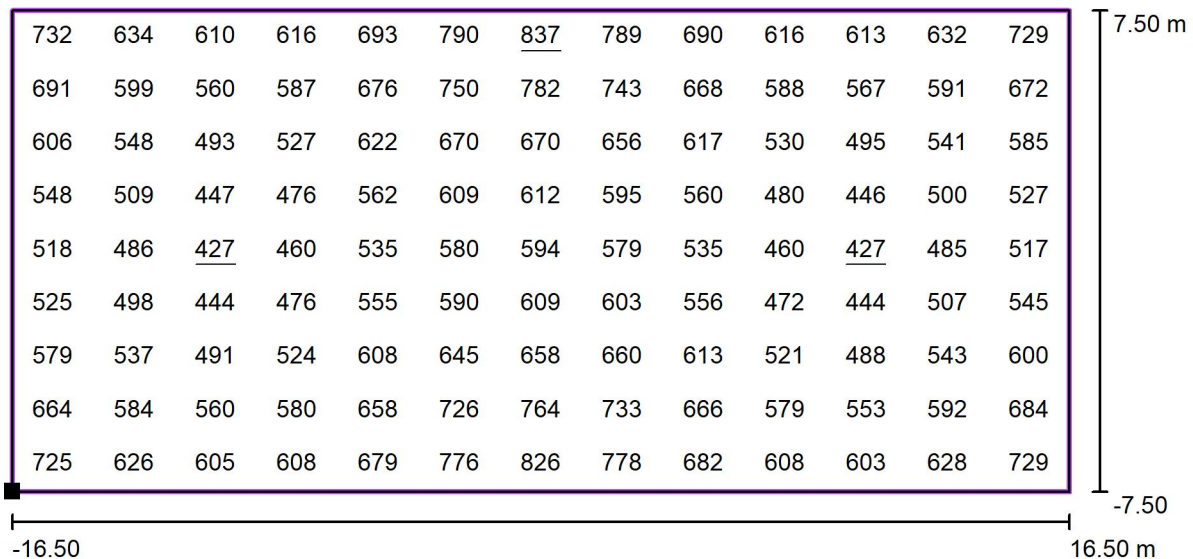


Grid: 13 x 9 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
598	427	837	0.71	0.51

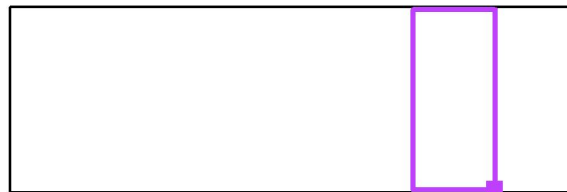
Operator
Telephone
Fax
e-Mail

Exterior Scene 1 / Tennis 6 Calculation Grid (TPA) / Value Chart (E, Horizontal)



Values in Lux, Scale 1 : 236

Position of surface in external scene:
Marked point: (89.000 m, 0.500 m,
0.000 m)



Grid: 13 x 9 Points

E_{av} [lx]
598

E_{min} [lx]
427

E_{max} [lx]
837

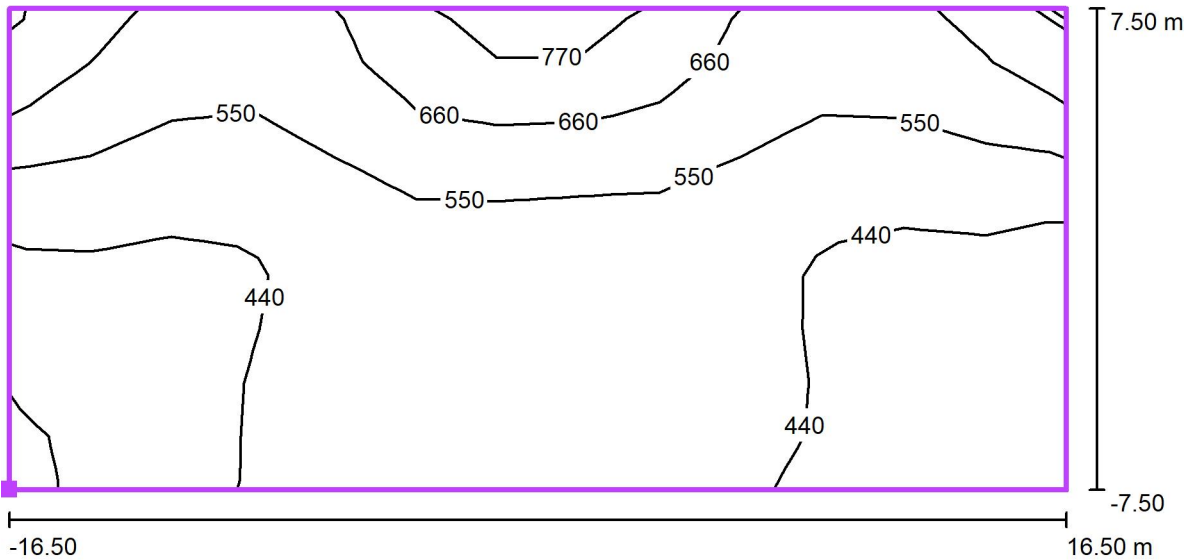
u_0
0.71

E_{min} / E_{max}
0.51



Operator
Telephone
Fax
e-Mail

Exterior Scene 1 / Tennis 7 Calculation Grid (TPA) / Isolines (E, Horizontal)



Values in Lux, Scale 1 : 236

Position of surface in external scene:
Marked point: (103.007 m, 0.500 m,
0.000 m)

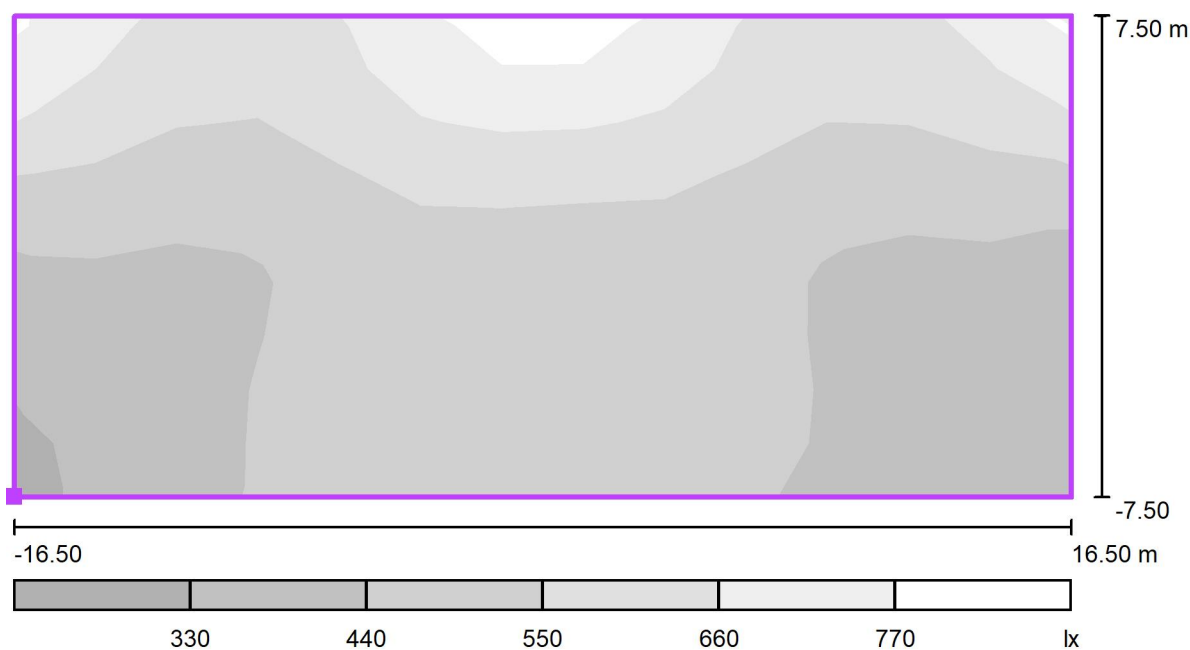


Grid: 13 x 9 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	$u0$	E_{min} / E_{max}
510	322	822	0.63	0.39

Operator
Telephone
Fax
e-Mail

Exterior Scene 1 / Tennis 7 Calculation Grid (TPA) / Greyscale (E, Horizontal)



Scale 1 : 236

Position of surface in external scene:
Marked point: (103.007 m, 0.500 m,
0.000 m)



Grid: 13 x 9 Points

E_{av} [lx]
510

E_{min} [lx]
322

E_{max} [lx]
822

u_0
0.63

E_{min} / E_{max}
0.39

Operator
Telephone
Fax
e-Mail

Exterior Scene 1 / Tennis 7 Calculation Grid (TPA) / Value Chart (E, Horizontal)

729	629	605	608	680	775	<u>822</u>	775	679	608	606	627	726
684	600	566	585	661	719	745	713	654	586	572	591	664
585	550	504	529	605	628	614	614	599	532	507	541	562
499	495	451	476	538	554	541	540	536	480	450	482	470
436	439	413	455	500	509	507	507	501	455	412	431	416
390	402	399	459	497	488	490	497	499	455	391	399	392
360	376	404	483	511	475	469	498	516	471	385	382	381
340	367	404	495	511	457	447	483	523	474	385	370	368
<u>322</u>	386	425	467	473	442	448	464	485	447	405	393	348

7.50 m

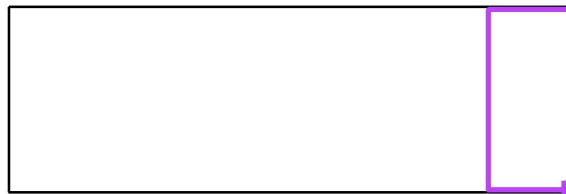
-7.50

-16.50

16.50 m

Values in Lux, Scale 1 : 236

Position of surface in external scene:
Marked point: (103.007 m, 0.500 m,
0.000 m)



Grid: 13 x 9 Points

E_{av} [lx]
510

E_{min} [lx]
322

E_{max} [lx]
822

u_0
0.63

E_{min} / E_{max}
0.39