

Stadium

Partner for Contact:
Order No.:
Company:
Customer No.:

Date: 02.06.2019
Operator:

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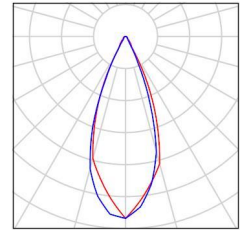


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Stadium / Luminaire parts list

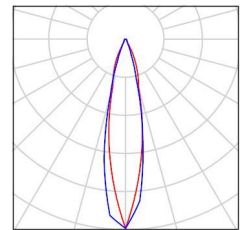
8 Pieces MIC OPTOELECTRONIC CO.,LTD MFL-G1440
Article No.: MFL-G1440
Luminous flux (Luminaire): 240472 lm
Luminous flux (Lamps): 240850 lm
Luminaire Wattage: 1438.0 W
Luminaire classification according to DIN: A20
CIE flux code: 92 97 99 100 100
Fitting: 1 x 5050 (Correction Factor 1.000).

See our luminaire catalog for an image of the luminaire.



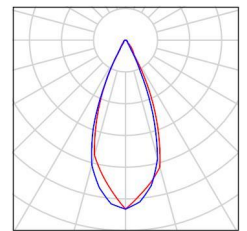
40 Pieces MIC OPTOELECTRONIC CO.,LTD MFL-G1440
Article No.: MFL-G1440
Luminous flux (Luminaire): 224122 lm
Luminous flux (Lamps): 223220 lm
Luminaire Wattage: 1436.2 W
Luminaire classification according to DIN: A60
CIE flux code: 89 95 99 100 101
Fitting: 1 x 5050 (Correction Factor 1.000).

See our luminaire catalog for an image of the luminaire.



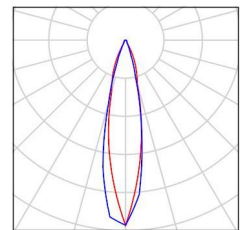
24 Pieces MIC OPTOELECTRONIC CO.,LTD MFL-G960
Article No.: MFL-G960
Luminous flux (Luminaire): 153180 lm
Luminous flux (Lamps): 153520 lm
Luminaire Wattage: 959.3 W
Luminaire classification according to DIN: A20
CIE flux code: 92 97 99 100 100
Fitting: 1 x 5050 (Correction Factor 1.000).

See our luminaire catalog for an image of the luminaire.



12 Pieces MIC OPTOELECTRONIC CO.,LTD MFL-G960
Article No.: MFL-G960
Luminous flux (Luminaire): 148781 lm
Luminous flux (Lamps): 148430 lm
Luminaire Wattage: 959.6 W
Luminaire classification according to DIN: A60
CIE flux code: 89 95 99 100 101
Fitting: 1 x 5050 (Correction Factor 1.000).

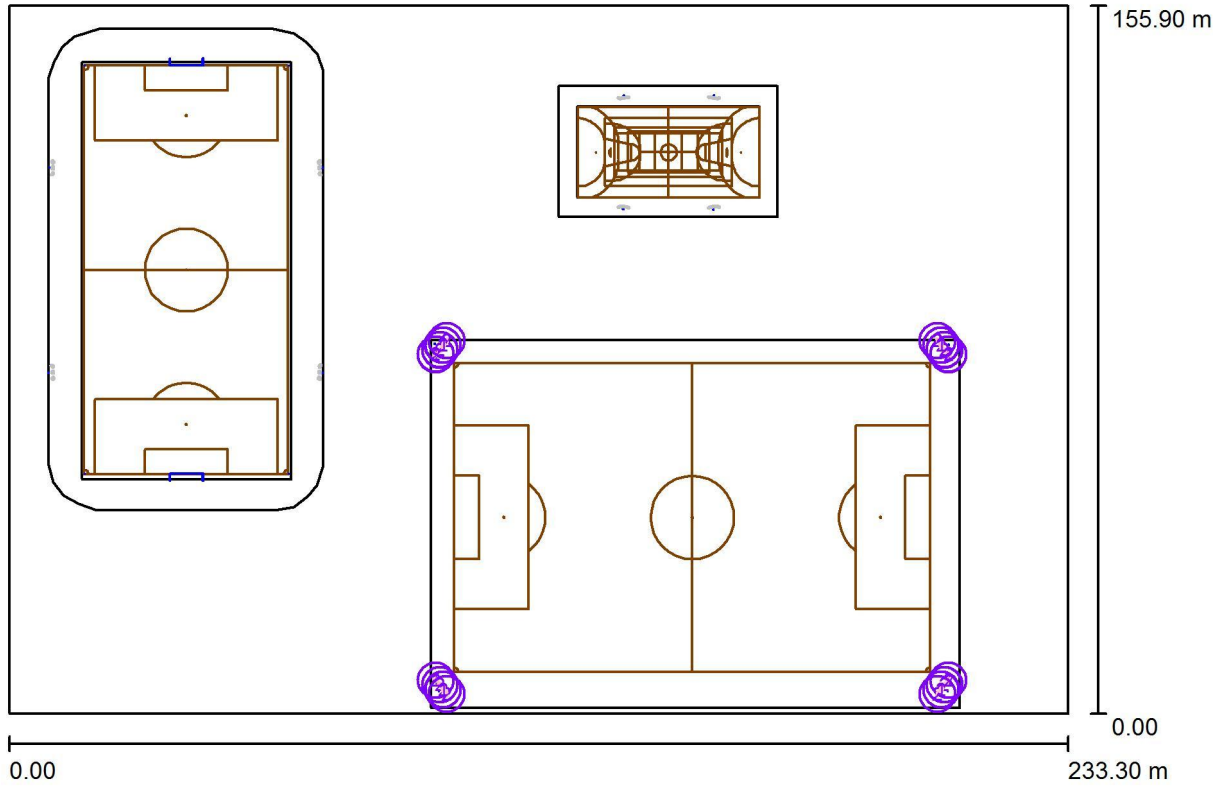
See our luminaire catalog for an image of the luminaire.





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Stadium / Main playground / Planning data



Light loss factor: 0.90, ULR (Upward Light Ratio): 5.5%

Scale 1:1668

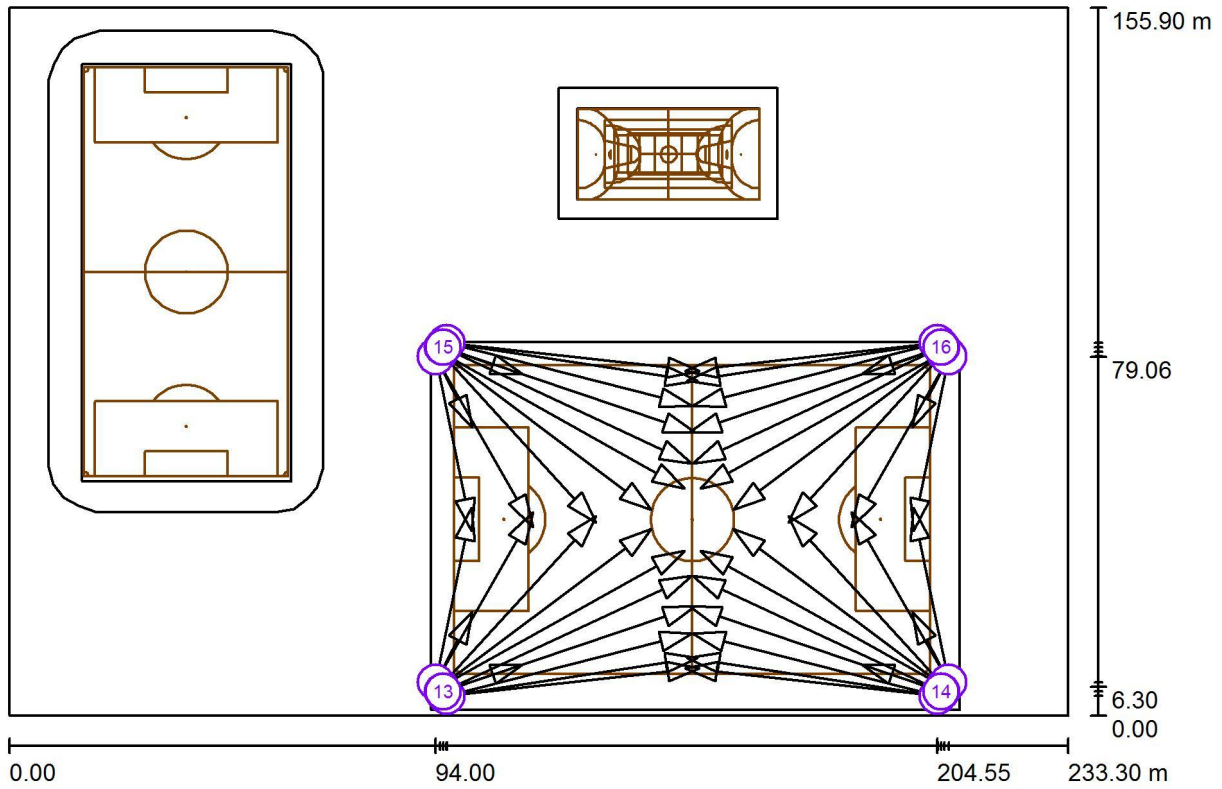
Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
1	8	MIC OPTOELECTRONIC CO.,LTD MFL-G1440 (1.000)	240472	240850	1438.0
2	40	MIC OPTOELECTRONIC CO.,LTD MFL-G1440 (1.000)	224122	223220	1436.2
Total:			10888642	10855600	68952.0



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Stadium / Main playground / Sport Luminaires (Coordinates List)



Scale 1 : 1668

List of the Sport Luminaires

Luminaire	Index	Position [m]			Aiming Point [m]			Angle [°]	Alignment	Pole
		X	Y	Z	X	Y	Z			
MIC OPTOELECTRONIC CO.,LTD MFL-G1440	1	94.008	7.342	24.000	102.000	22.900	0.000	53.9	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G1440	2	206.992	7.342	24.000	199.000	22.900	0.000	53.9	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G1440	3	94.008	79.058	24.000	102.000	63.500	0.000	53.9	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G1440	4	206.992	79.058	24.000	199.000	63.500	0.000	53.9	(C 90, G IMax)	/

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Stadium / Main playground / 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			
MIC OPTOELECTRONIC CO.,LTD MFL-G1440	5	94.900	6.300	26.000	129.340	43.899	0.000	27.0	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G1440	6	206.100	6.300	26.000	171.660	43.899	0.000	27.0	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G1440	7	94.900	80.100	26.000	129.340	42.501	0.000	27.0	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G1440	8	206.100	80.100	26.000	171.660	42.501	0.000	27.0	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G1440	9	96.446	4.305	24.000	151.600	12.700	0.000	23.3	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G1440	10	204.554	4.305	24.000	149.400	12.700	0.000	23.3	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G1440	11	96.446	82.095	24.000	151.600	73.700	0.000	23.3	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G1440	12	204.554	82.095	24.000	149.400	73.700	0.000	23.3	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G1440	13	95.644	5.315	26.000	150.353	30.833	0.000	23.3	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G1440	14	205.356	5.315	26.000	150.647	30.833	0.000	23.3	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G1440	15	95.644	81.085	26.000	150.353	55.567	0.000	23.3	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G1440	16	205.356	81.085	26.000	150.647	55.567	0.000	23.3	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G1440	17	94.931	6.333	24.000	141.463	41.070	0.000	22.5	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G1440	18	206.069	6.333	24.000	159.537	41.070	0.000	22.5	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G1440	19	94.931	80.067	24.000	141.463	45.330	0.000	22.5	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G1440	20	206.069	80.067	24.000	159.537	45.330	0.000	22.5	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G1440	9	96.446	4.305	26.000	150.400	18.100	0.000	25.0	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G1440	10	204.554	4.305	26.000	150.600	18.100	0.000	25.0	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G1440	11	96.446	82.095	26.000	150.400	68.300	0.000	25.0	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G1440	12	204.554	82.095	26.000	150.600	68.300	0.000	25.0	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G1440	17	94.931	6.333	25.000	148.737	36.356	0.000	22.1	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G1440	18	206.069	6.333	25.000	152.263	36.356	0.000	22.1	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G1440	19	94.931	80.067	25.000	148.737	50.044	0.000	22.1	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G1440	20	206.069	80.067	25.000	152.263	50.044	0.000	22.1	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G1440	21	94.000	7.300	26.000	101.800	45.700	0.000	33.6	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G1440	22	207.000	7.300	26.000	199.200	45.700	0.000	33.6	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G1440	23	94.000	79.100	26.000	101.800	40.700	0.000	33.6	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G1440	24	207.000	79.100	26.000	199.200	40.700	0.000	33.6	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G1440	1	94.008	7.342	25.000	115.399	44.842	0.000	30.1	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G1440	2	206.992	7.342	25.000	185.601	44.842	0.000	30.1	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G1440	3	94.008	79.058	25.000	115.399	41.558	0.000	30.1	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G1440	4	206.992	79.058	25.000	185.601	41.558	0.000	30.1	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G1440	25	96.400	4.300	25.000	152.100	10.500	0.000	24.0	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G1440	26	204.600	4.300	25.000	148.900	10.500	0.000	24.0	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G1440	27	96.400	82.100	25.000	152.100	75.900	0.000	24.0	(C 90, G IMax)	/

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Stadium / Main playground / Sport Luminaires (Coordinates List)

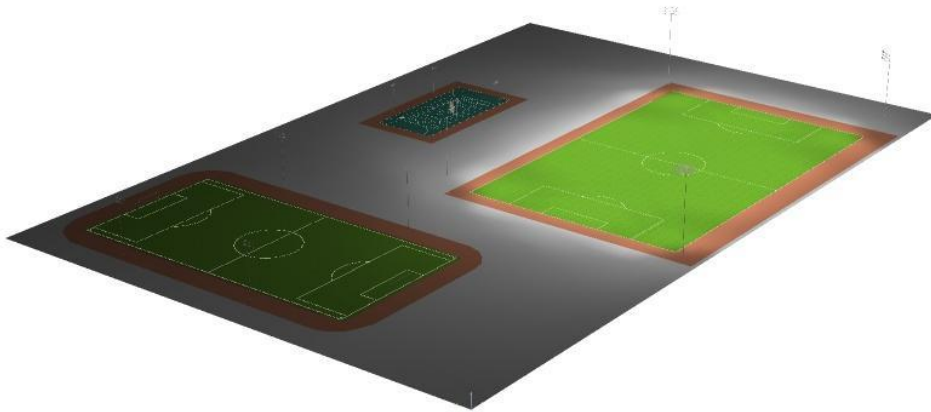
List of the Sport Luminaires

Luminaire	Index	Position [m]			Aiming Point [m]			Angle [°]	Alignment	Pole
		X	Y	Z	X	Y	Z			
MIC OPTOELECTRONIC CO.,LTD MFL-G1440	29	95.600	5.300	25.000	151.161	24.098	0.000	23.1	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G1440	30	205.400	5.300	25.000	149.839	24.098	0.000	23.1	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G1440	31	95.600	81.100	25.000	151.161	62.302	0.000	23.1	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G1440	32	205.400	81.100	25.000	149.839	62.302	0.000	23.1	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G1440	13	95.644	5.315	24.000	113.200	11.300	0.000	52.3	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G1440	14	205.356	5.315	24.000	187.800	11.300	0.000	52.3	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G1440	15	95.644	81.085	24.000	113.200	75.100	0.000	52.3	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G1440	16	205.356	81.085	24.000	187.800	75.100	0.000	52.3	(C 90, G IMax)	/



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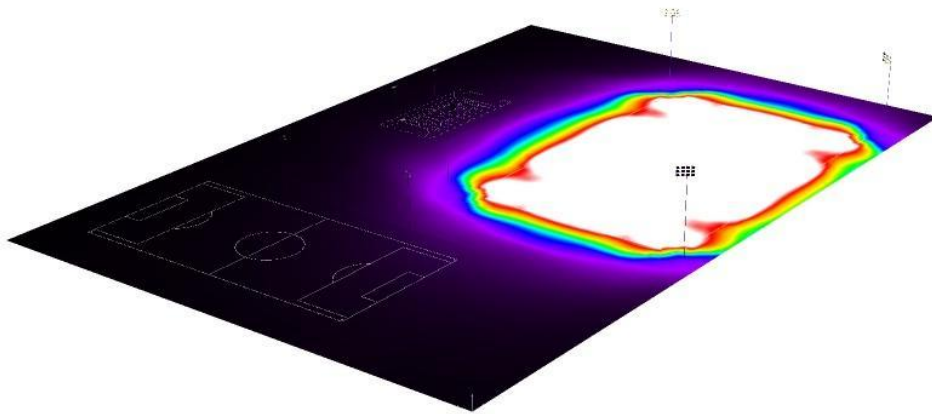
Stadium / Main playground / 3D Rendering





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Stadium / Main playground / False Color Rendering



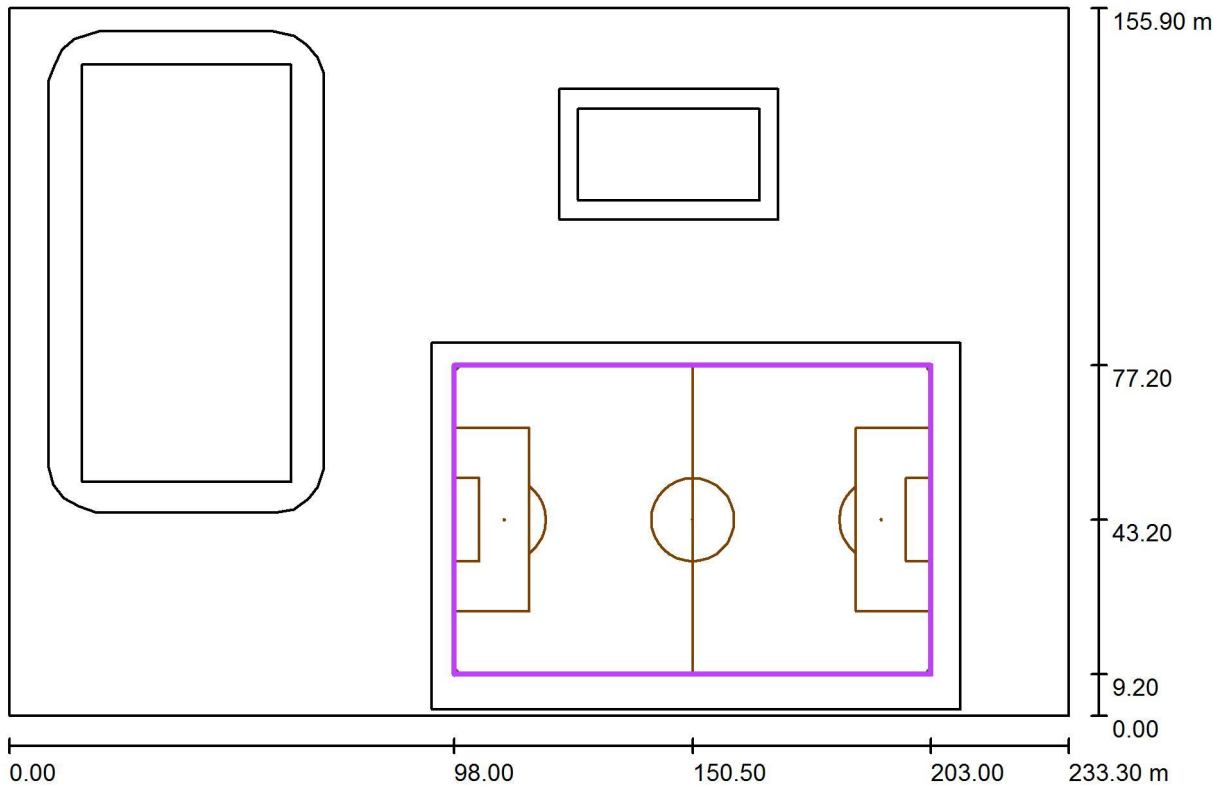
0 87.50 175 262.50 350 437.50 525 612.50 700

lx



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Stadium / Main playground / Football Field 1(PA) / Summary



Scale 1 : 1668

Position: (150.500 m, 43.200 m, 0.000 m)
 Size: (105.000 m, 68.000 m)
 Rotation: (0.0°, 0.0°, 0.0°)
 Type: Normal, Grid: 21 x 13 Points
 Belongs to the following sport arena: Football Field 1

Results overview

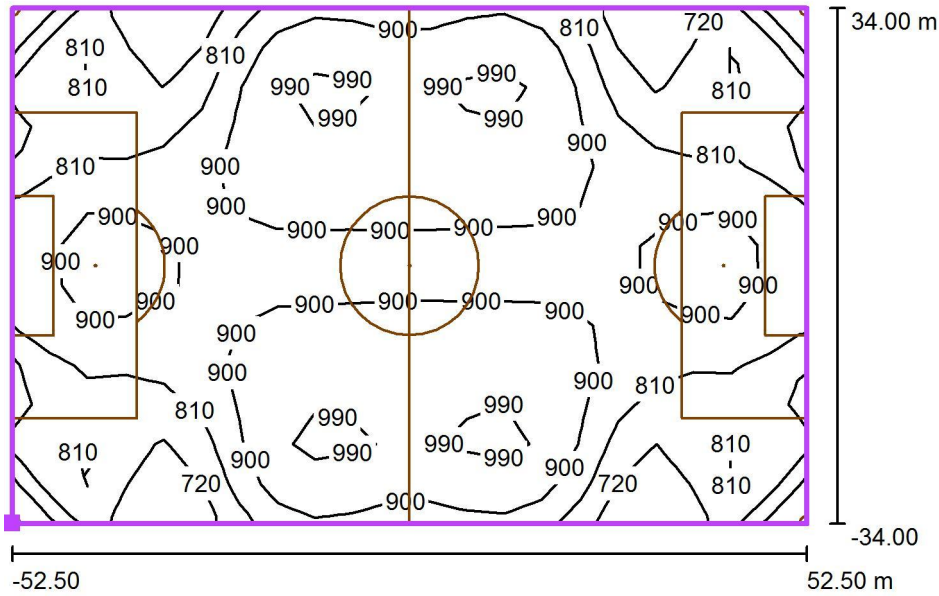
No.	Type	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}	$E_{h\ m} / E_m$	H [m]	Camera
1	perpendicular	865	563	1011	0.65	0.56	/	0.000	/

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



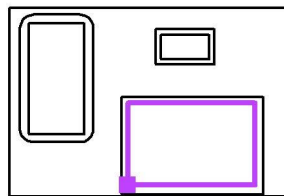
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Stadium / Main playground / Football Field 1(PA) / Isolines (E, Perpendicular)



Values in Lux, Scale 1 : 1000

Position of surface in external scene:
 Marked point: (98.000 m, 9.200 m,
 0.000 m)



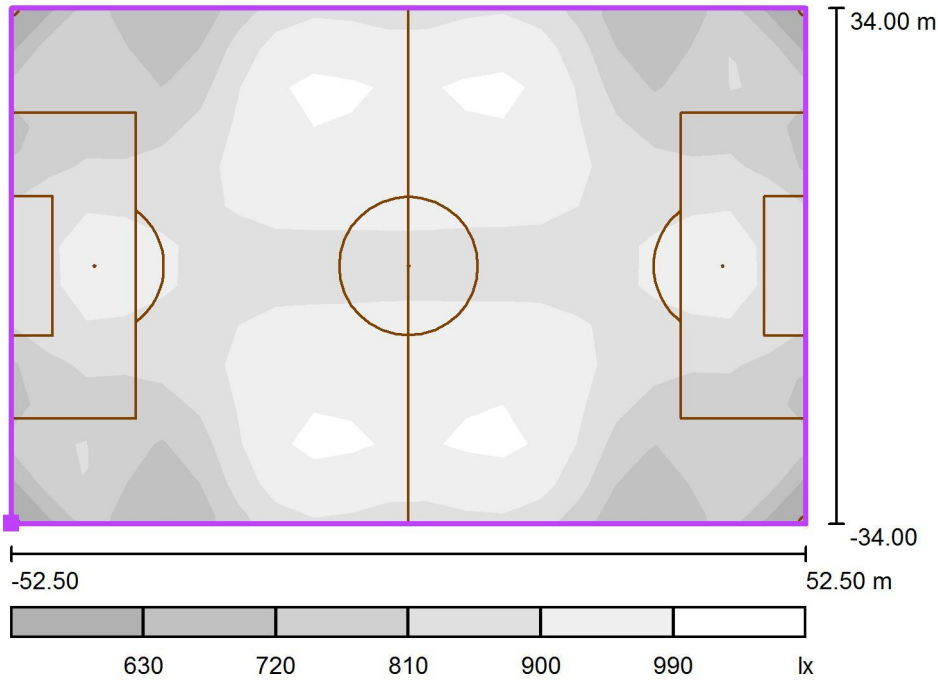
Grid: 21 x 13 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
865	563	1011	0.65	0.56



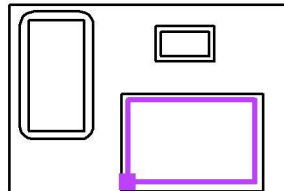
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Stadium / Main playground / Football Field 1(PA) / Greyscale (E, Perpendicular)



Scale 1 : 1000

Position of surface in external scene:
Marked point: (98.000 m, 9.200 m,
0.000 m)



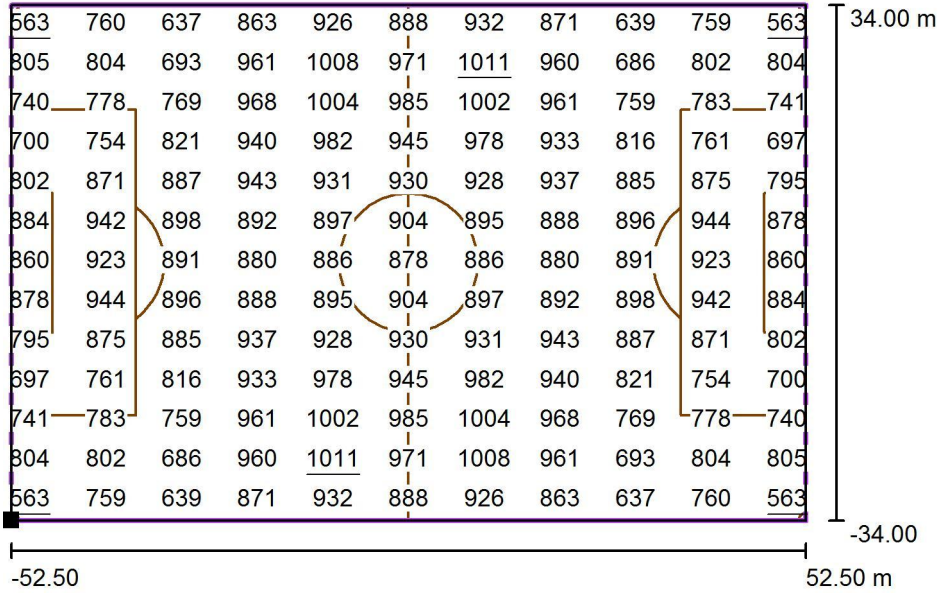
Grid: 21 x 13 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
865	563	1011	0.65	0.56



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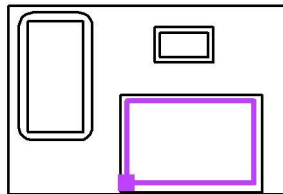
Stadium / Main playground / Football Field 1(PA) / Value Chart (E, Perpendicular)



Values in Lux, Scale 1 : 1000

Not all calculated values could be displayed.

Position of surface in external scene:
Marked point: (98.000 m, 9.200 m, 0.000 m)



Grid: 21 x 13 Points

E_{av} [lx]
865

E_{min} [lx]
563

E_{max} [lx]
1011

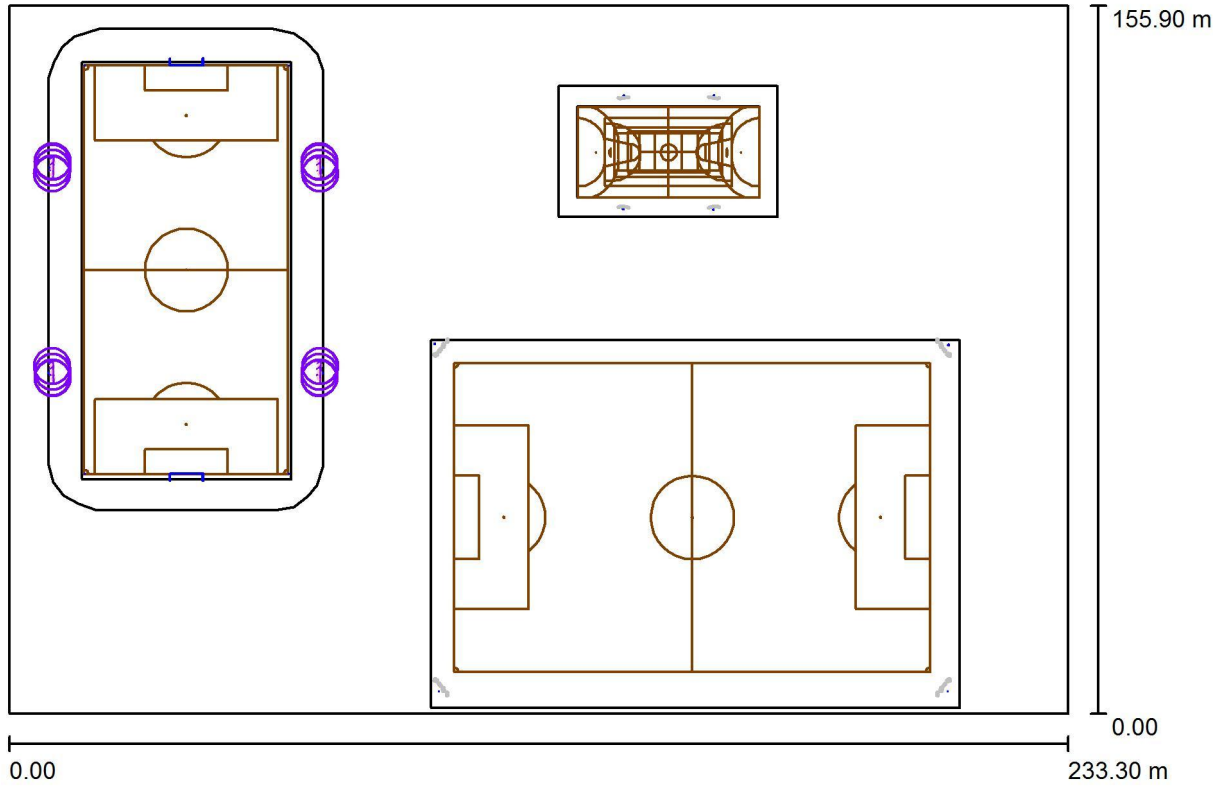
u_0
0.65

E_{min} / E_{max}
0.56



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Stadium / Training playground / Planning data



Light loss factor: 0.90, ULR (Upward Light Ratio): 3.5%

Scale 1:1668

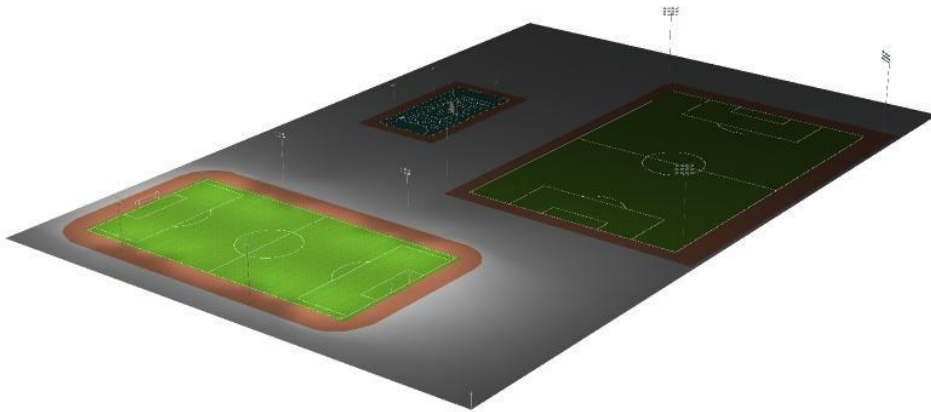
Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
1	24	MIC OPTOELECTRONIC CO.,LTD MFL-G960 (1.000)	153180	153520	959.3
Total:			3676320	3684480	23022.0



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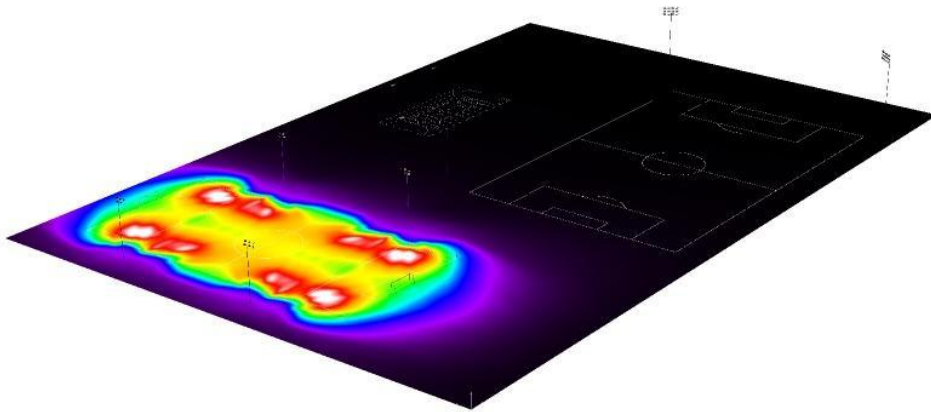
Stadium / Training playground / 3D Rendering





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Stadium / Training playground / False Color Rendering



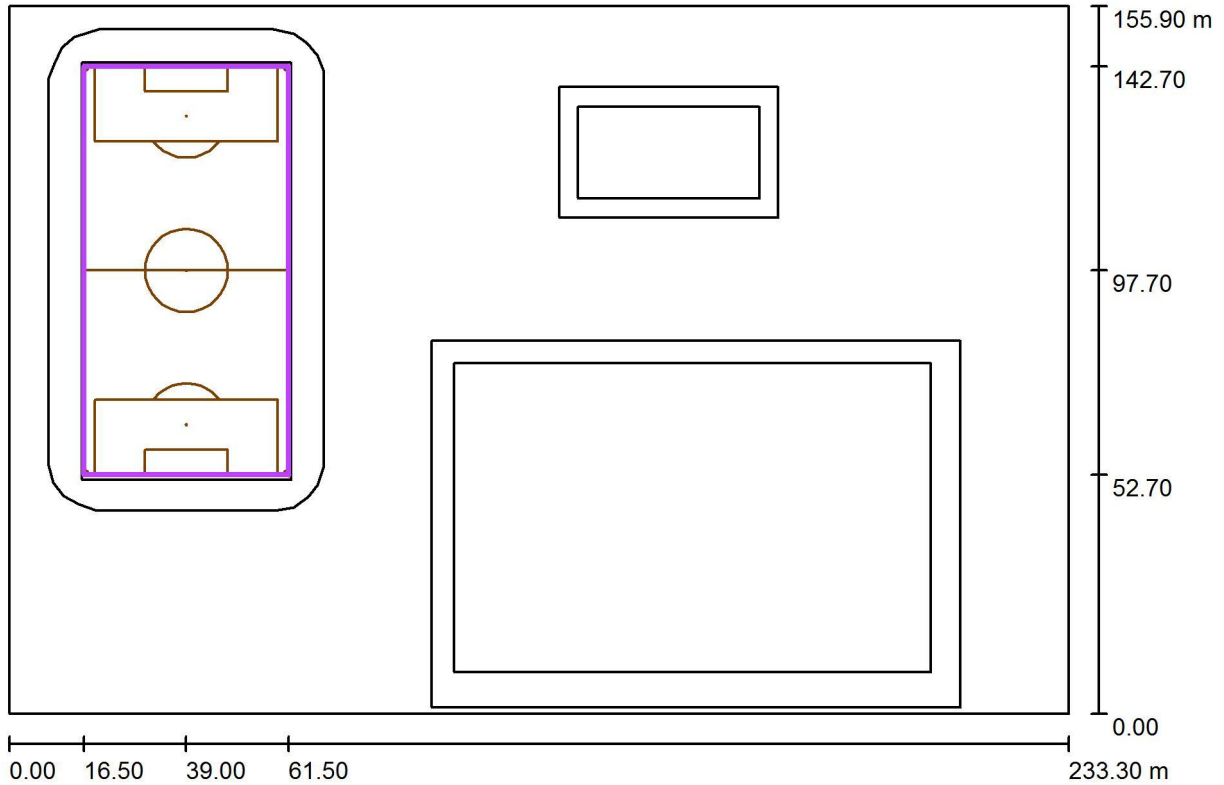
0 87.50 175 262.50 350 437.50 525 612.50 700

lx



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Stadium / Training playground / Football Field 2(PA) / Summary



Scale 1 : 1668

Position: (39.000 m, 97.700 m, 0.000 m)
 Size: (90.000 m, 45.000 m)
 Rotation: (0.0°, 0.0°, 90.0°)
 Type: Normal, Grid: 19 x 9 Points
 Belongs to the following sport arena: Football Field 2

Results overview

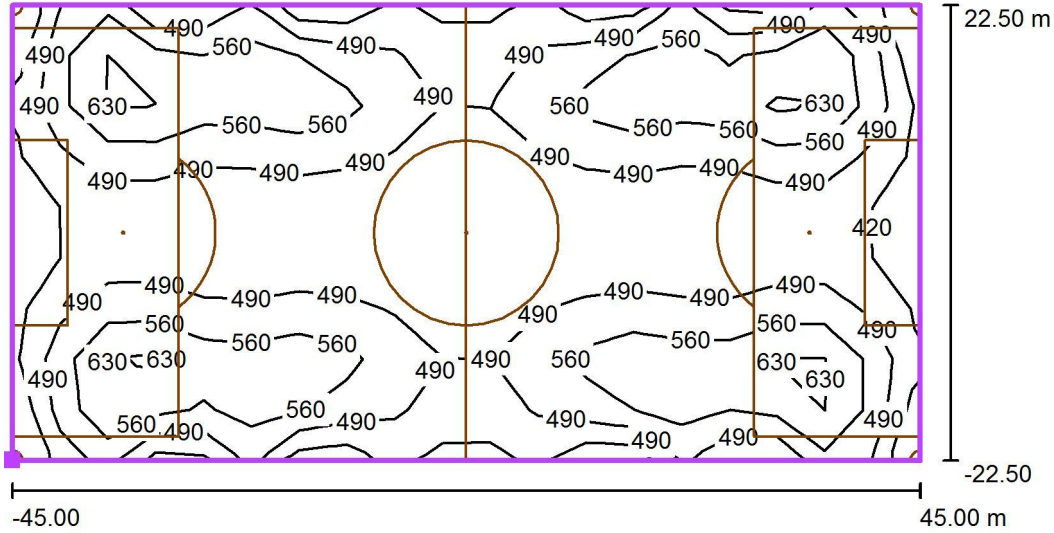
No.	Type	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}	$E_{h,m} / E_m$	H [m]	Camera
1	perpendicular	510	384	710	0.75	0.54	/	0.000	/

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



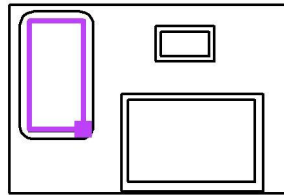
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Stadium / Training playground / Football Field 2(PA) / Isolines (E, Perpendicular)



Values in Lux, Scale 1 : 750

Position of surface in external scene:
Marked point: (61.500 m, 52.700 m,
0.000 m)



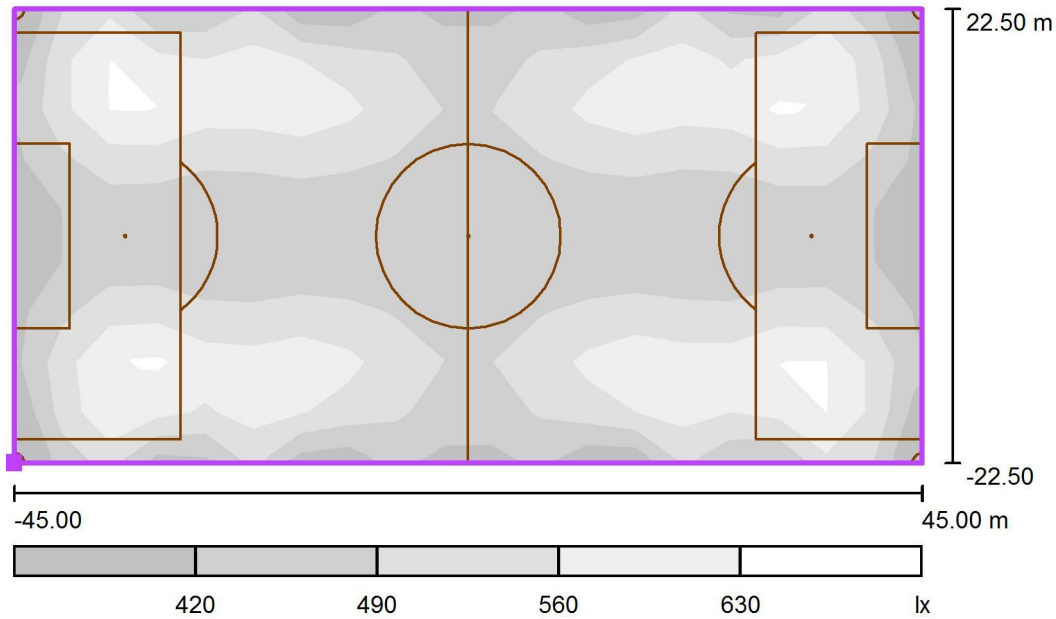
Grid: 19 x 9 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
510	384	710	0.75	0.54



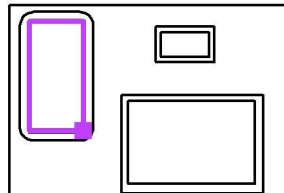
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Stadium / Training playground / Football Field 2(PA) / Greyscale (E, Perpendicular)



Scale 1 : 750

Position of surface in external scene:
Marked point: (61.500 m, 52.700 m, 0.000 m)



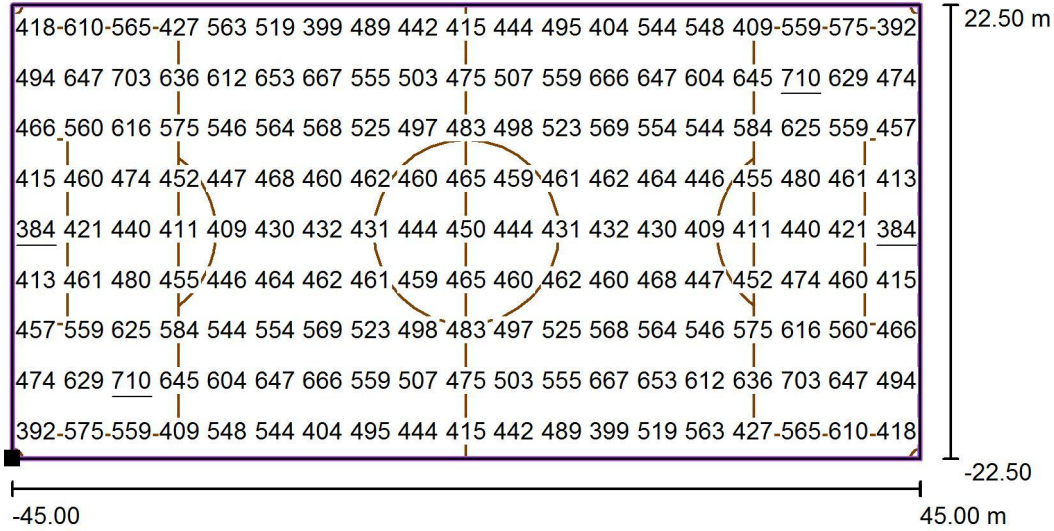
Grid: 19 x 9 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
510	384	710	0.75	0.54



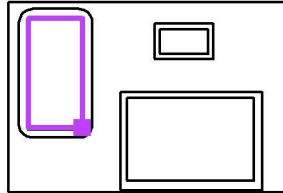
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Stadium / Training playground / Football Field 2(PA) / Value Chart (E, Perpendicular)



Values in Lux, Scale 1 : 750

Position of surface in external scene:
 Marked point: (61.500 m, 52.700 m, 0.000 m)



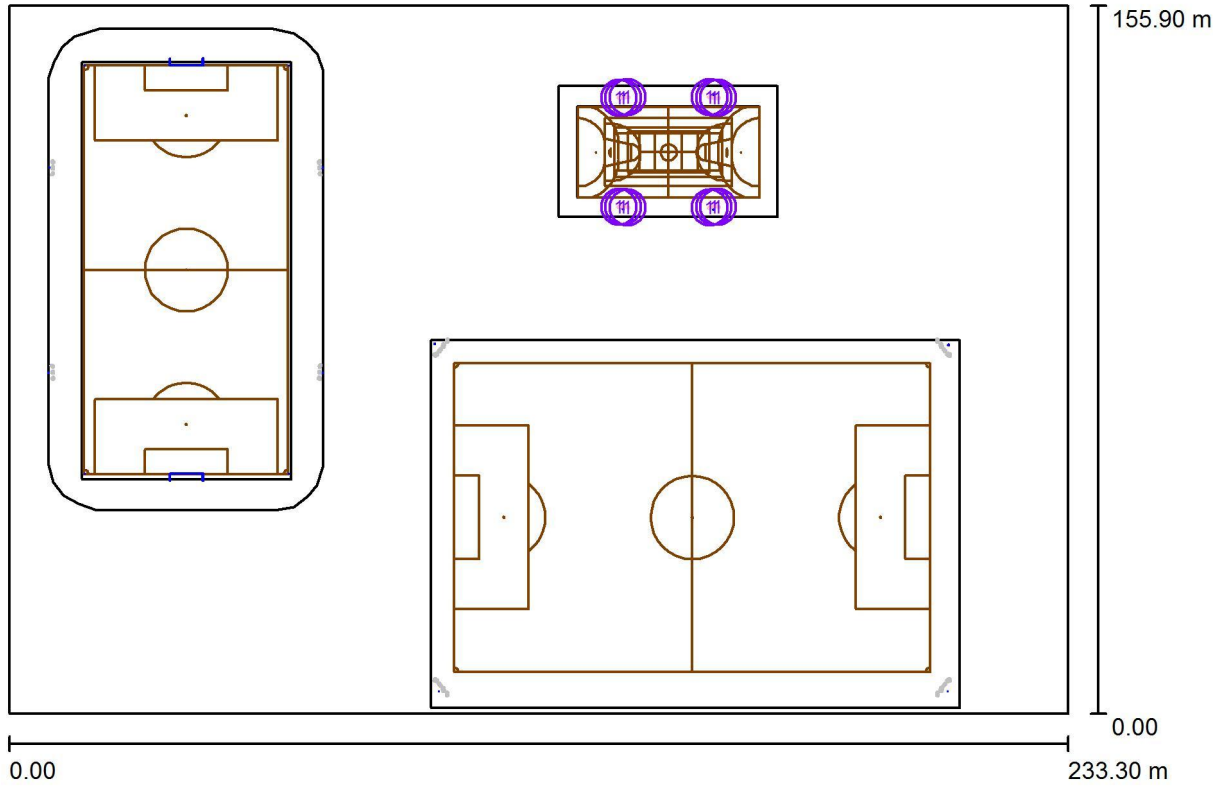
Grid: 19 x 9 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
510	384	710	0.75	0.54



Operator
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Stadium / Multiple playground / Planning data



Light loss factor: 0.90, ULR (Upward Light Ratio): 8.0%

Scale 1:1668

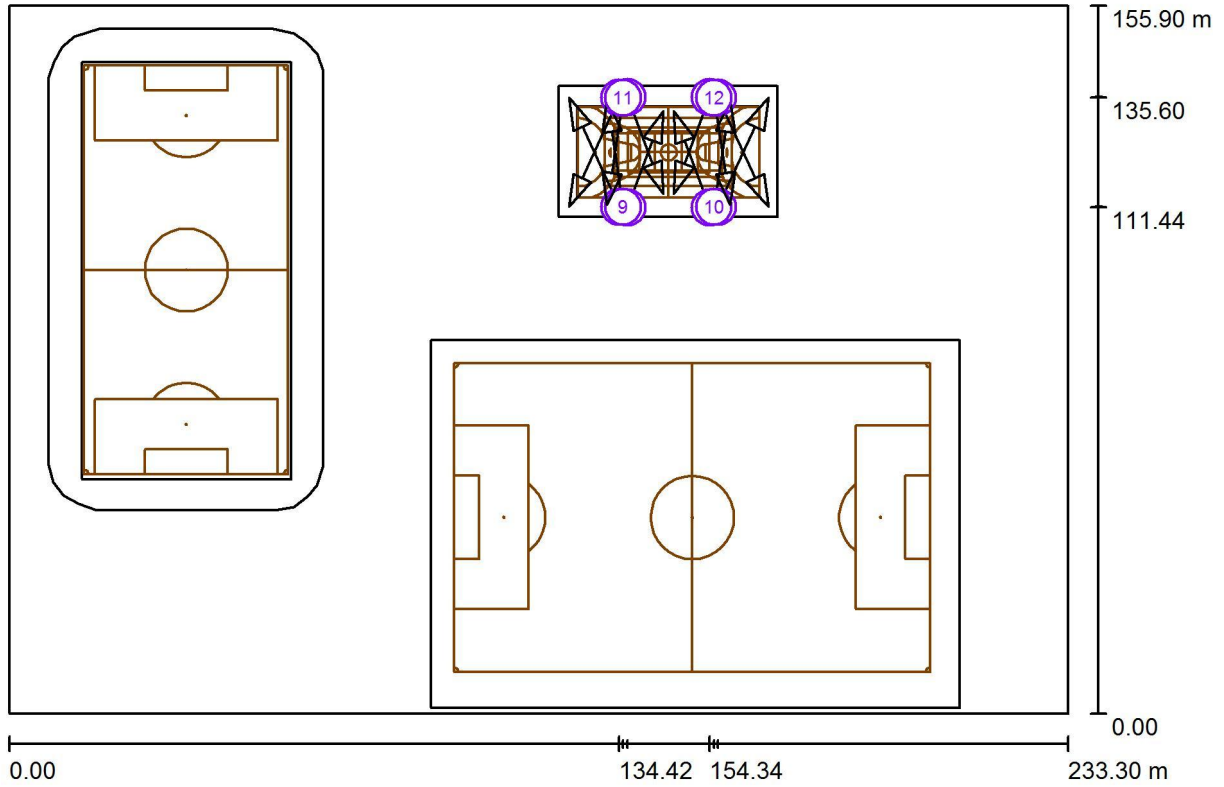
Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
1	12	MIC OPTOELECTRONIC CO.,LTD MFL-G960 (1.000)	148781	148430	959.6
Total:			1785374	1781160	11515.3



Operator
Telephone
Fax
e-Mail

Stadium / Multiple playground / Sport Luminaires (Coordinates List)



Scale 1 : 1668

List of the Sport Luminaires

Luminaire	Index	Position [m]			Aiming Point [m]			Angle [°]	Alignment	Pole
		X	Y	Z	X	Y	Z			
MIC OPTOELECTRONIC CO.,LTD MFL-G960	1	134.417	111.601	9.000	123.309	135.626	0.000	18.8	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G960	2	156.183	111.601	9.000	167.291	135.626	0.000	18.8	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G960	3	134.417	135.599	9.000	123.309	111.574	0.000	18.8	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G960	4	156.183	135.599	9.000	167.291	111.574	0.000	18.8	(C 90, G IMax)	/

Operator
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e-Mail

Stadium / Multiple playground / Sport Luminaires (Coordinates List)

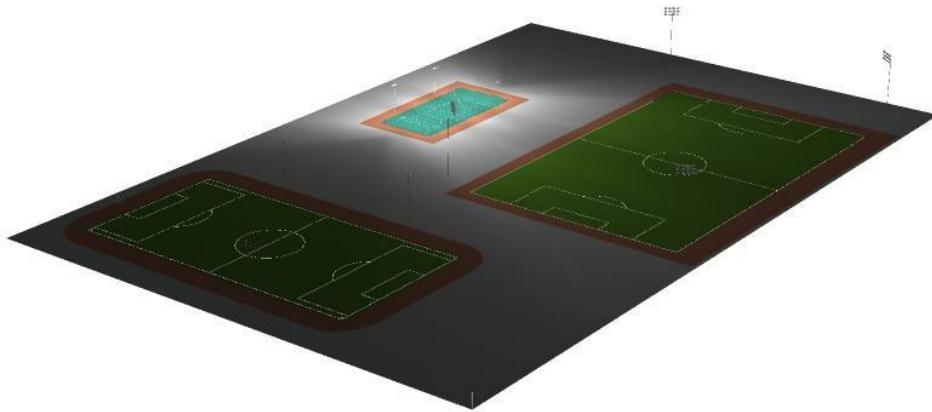
List of the Sport Luminaires

Luminaire	Index	Position [m]			Aiming Point [m]			Angle [°]	Alignment	Pole
		X	Y	Z	X	Y	Z			
MIC OPTOELECTRONIC CO.,LTD MFL-G960	5	136.257	111.445	9.000	144.203	132.728	0.000	21.6	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G960	6	154.343	111.445	9.000	146.397	132.728	0.000	21.6	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G960	7	136.257	135.755	9.000	144.203	114.472	0.000	21.6	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G960	8	154.343	135.755	9.000	146.397	114.472	0.000	21.6	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G960	9	135.278	111.601	9.000	131.758	135.077	0.000	20.8	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G960	10	155.322	111.601	9.000	158.842	135.077	0.000	20.8	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G960	11	135.278	135.599	9.000	131.758	112.123	0.000	20.8	(C 90, G IMax)	/
MIC OPTOELECTRONIC CO.,LTD MFL-G960	12	155.322	135.599	9.000	158.842	112.123	0.000	20.8	(C 90, G IMax)	/



Operator
Telephone
Fax
e-Mail

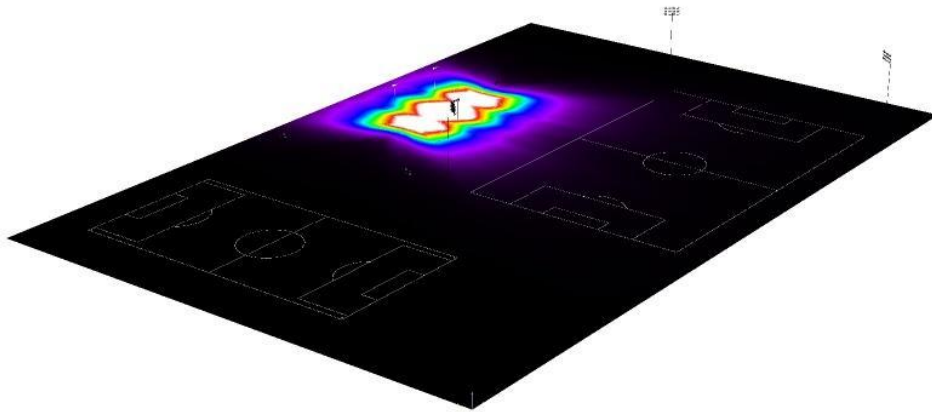
Stadium / Multiple playground / 3D Rendering





Operator
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e-Mail

Stadium / Multiple playground / False Color Rendering



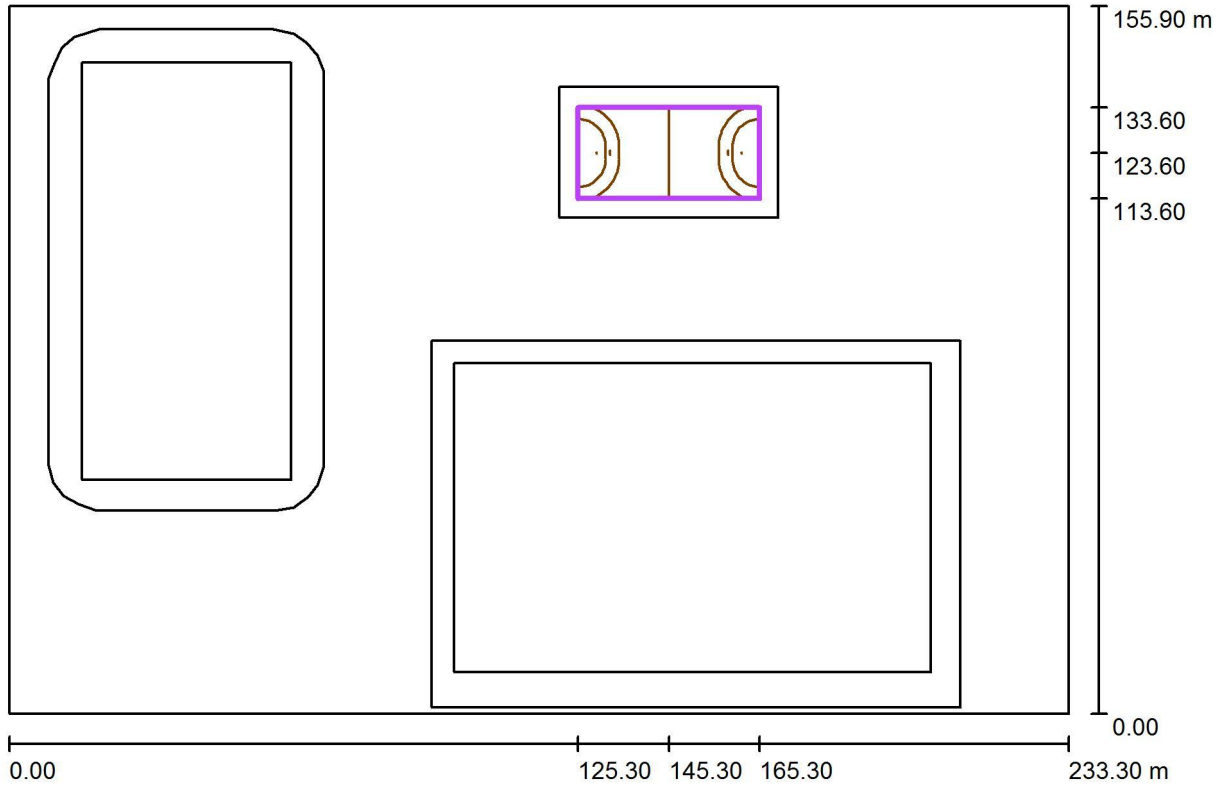
0 87.50 175 262.50 350 437.50 525 612.50 700

lx



Operator
Telephone
Fax
e-Mail

Stadium / Multiple playground / Handball 1(PA) / Summary



Scale 1 : 1668

Position: (145.300 m, 123.600 m, 0.000 m)
 Size: (40.000 m, 20.000 m)
 Rotation: (0.0°, 0.0°, 0.0°)
 Type: Normal, Grid: 15 x 7 Points
 Belongs to the following sport arena: Handball 1

Results overview

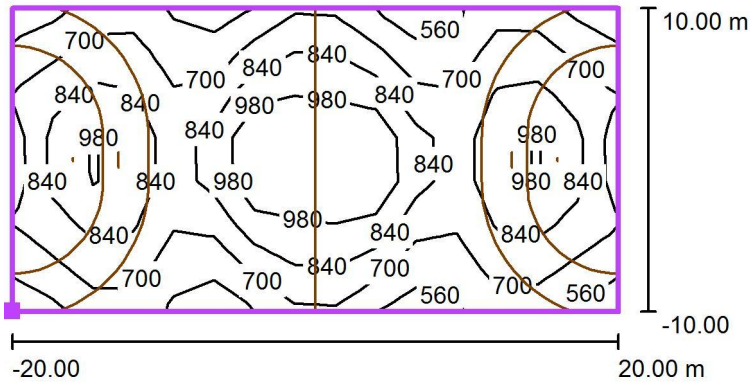
No.	Type	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}	$E_{h\ m} / E_m$	H [m]	Camera
1	perpendicular	796	500	1172	0.63	0.43	/	0.000	/

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



Operator
Telephone
Fax
e-Mail

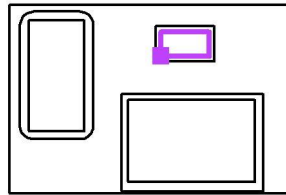
Stadium / Multiple playground / Handball 1(PA) / Isolines (E, Perpendicular)



Values in Lux, Scale 1 : 500

Position of surface in external scene:

Marked point: (125.300 m,
113.600 m, 0.000 m)



Grid: 15 x 7 Points

E_{av} [lx]
796

E_{min} [lx]
500

E_{max} [lx]
1172

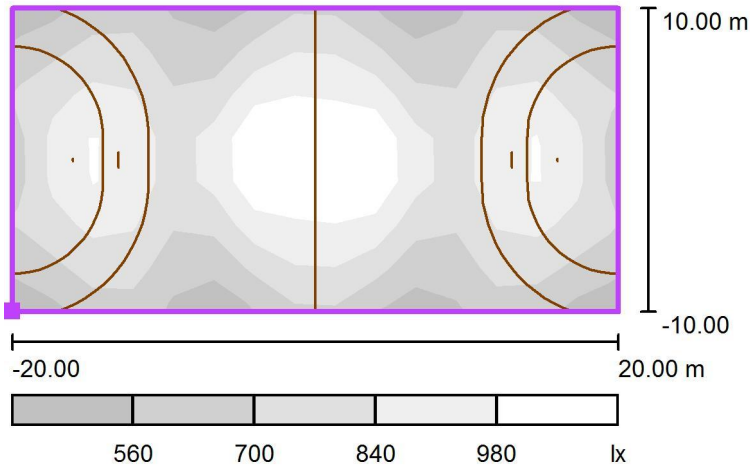
u0
0.63

E_{min} / E_{max}
0.43



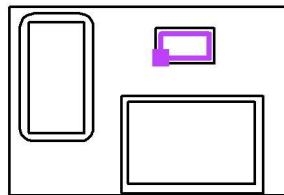
Operator
Telephone
Fax
e-Mail

Stadium / Multiple playground / Handball 1(PA) / Greyscale (E, Perpendicular)



Scale 1 : 500

Position of surface in external scene:
Marked point: (125.300 m,
113.600 m, 0.000 m)



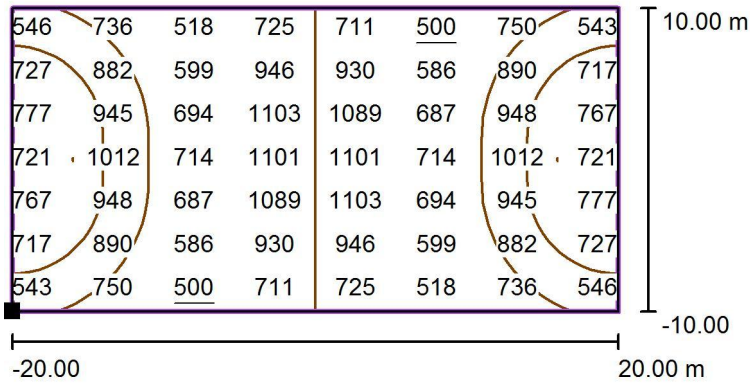
Grid: 15 x 7 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
796	500	1172	0.63	0.43



Operator
Telephone
Fax
e-Mail

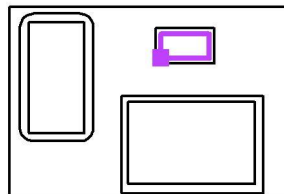
Stadium / Multiple playground / Handball 1(PA) / Value Chart (E, Perpendicular)



Values in Lux, Scale 1 : 500

Not all calculated values could be displayed.

Position of surface in external scene:
Marked point: (125.300 m,
113.600 m, 0.000 m)



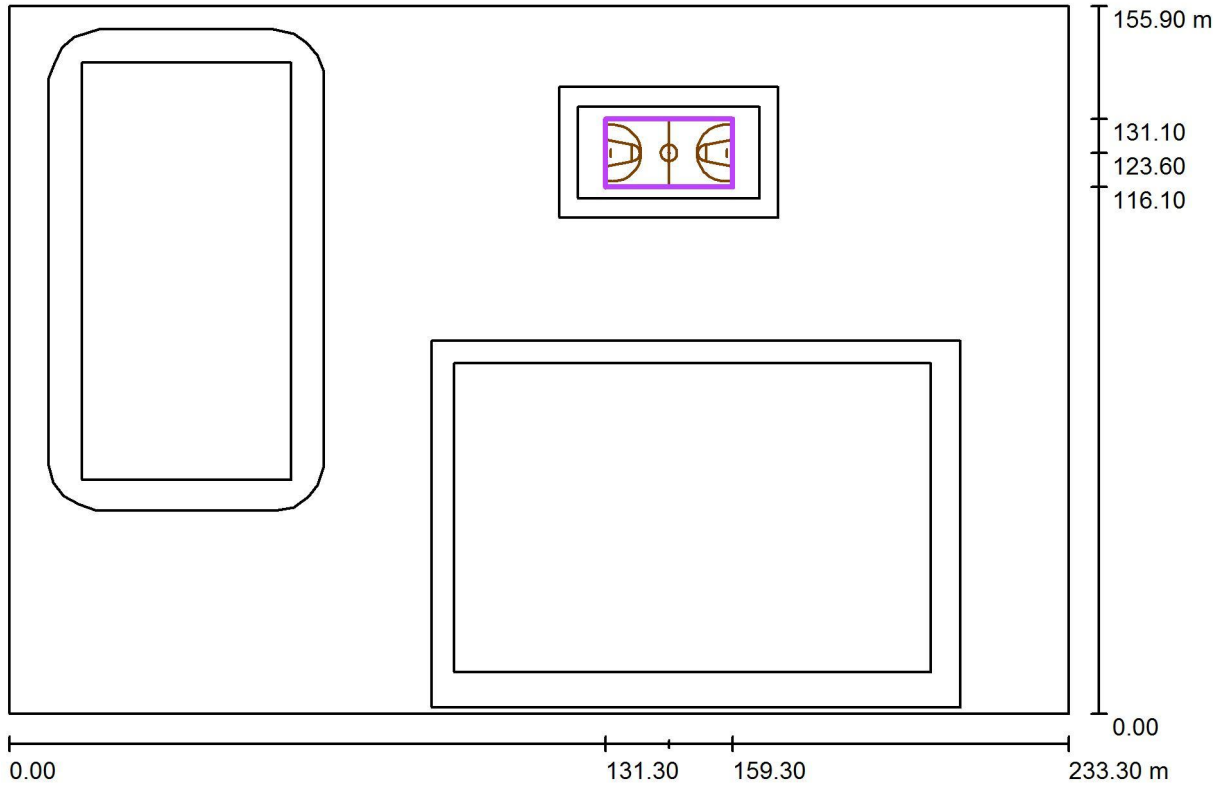
Grid: 15 x 7 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
796	500	1172	0.63	0.43



Operator
Telephone
Fax
e-Mail

Stadium / Multiple playground / Basetball 1(PA) / Summary



Scale 1 : 1668

Position: (145.300 m, 123.600 m, 0.000 m)
 Size: (28.000 m, 15.000 m)
 Rotation: (0.0°, 0.0°, 0.0°)
 Type: Normal, Grid: 13 x 7 Points
 Belongs to the following sport arena: Basetball 1

Results overview

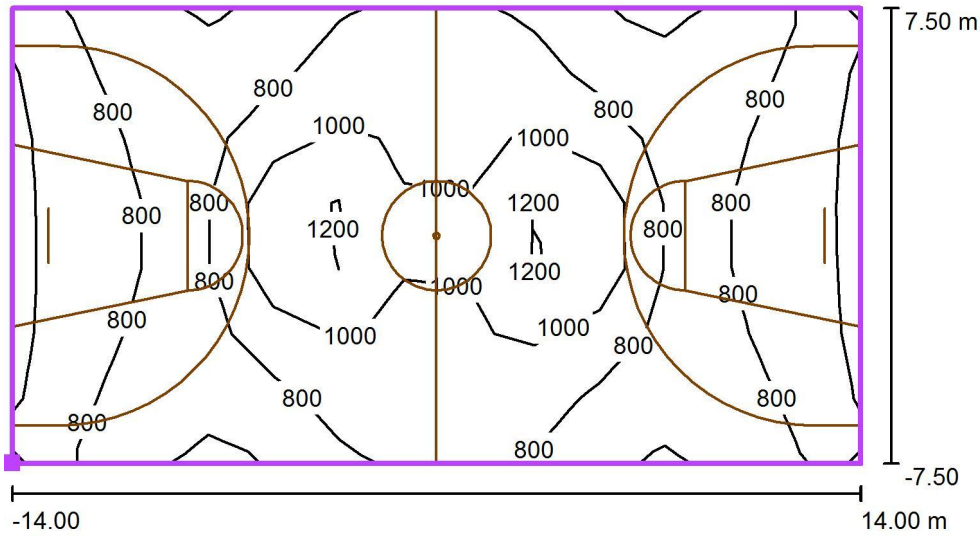
No.	Type	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}	$E_{h\ m} / E_m$	H [m]	Camera
1	perpendicular	873	596	1554	0.68	0.38	/	0.000	/

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



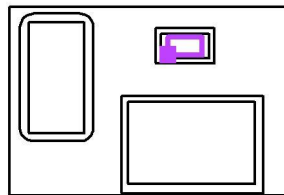
Operator
Telephone
Fax
e-Mail

Stadium / Multiple playground / Basetball 1(PA) / Isolines (E, Perpendicular)



Values in Lux, Scale 1 : 250

Position of surface in external scene:
Marked point: (131.300 m,
116.100 m, 0.000 m)



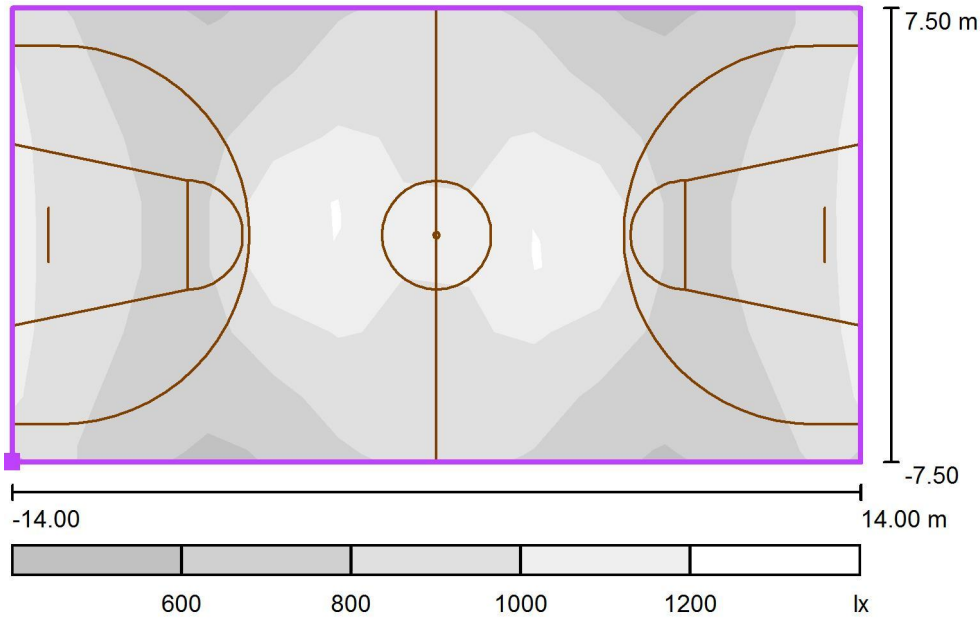
Grid: 13 x 7 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
873	596	1554	0.68	0.38



Operator
Telephone
Fax
e-Mail

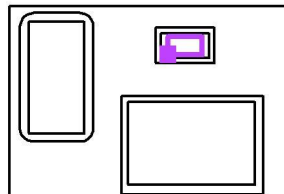
Stadium / Multiple playground / Baseketball 1(PA) / Greyscale (E, Perpendicular)



Scale 1 : 250

Position of surface in external scene:

Marked point: (131.300 m,
116.100 m, 0.000 m)



Grid: 13 x 7 Points

E_{av} [lx]
873

E_{min} [lx]
596

E_{max} [lx]
1554

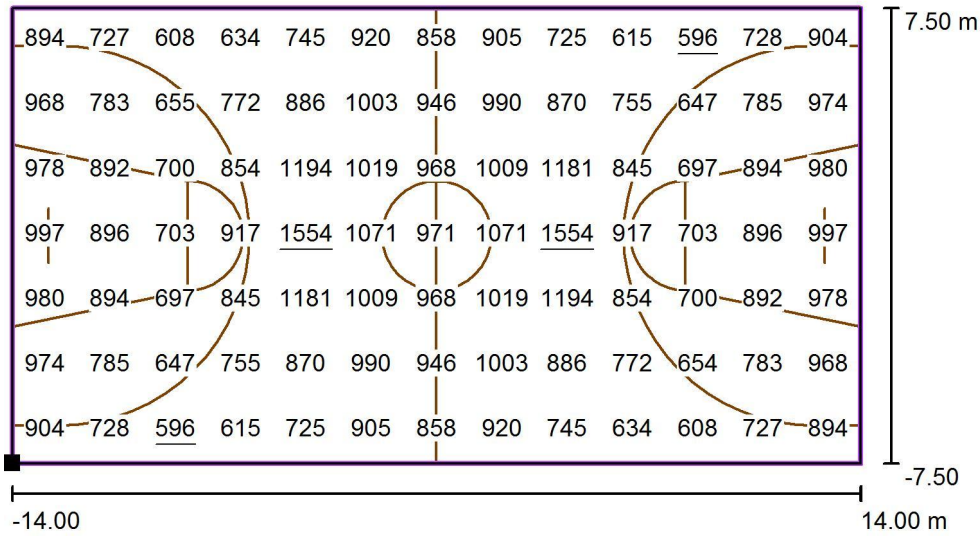
u_0
0.68

E_{min} / E_{max}
0.38



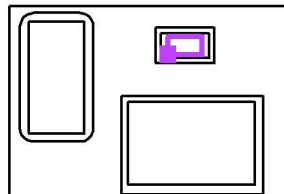
Operator
Telephone
Fax
e-Mail

Stadium / Multiple playground / Basetball 1(PA) / Value Chart (E, Perpendicular)



Values in Lux, Scale 1 : 250

Position of surface in external scene:
Marked point: (131.300 m,
116.100 m, 0.000 m)



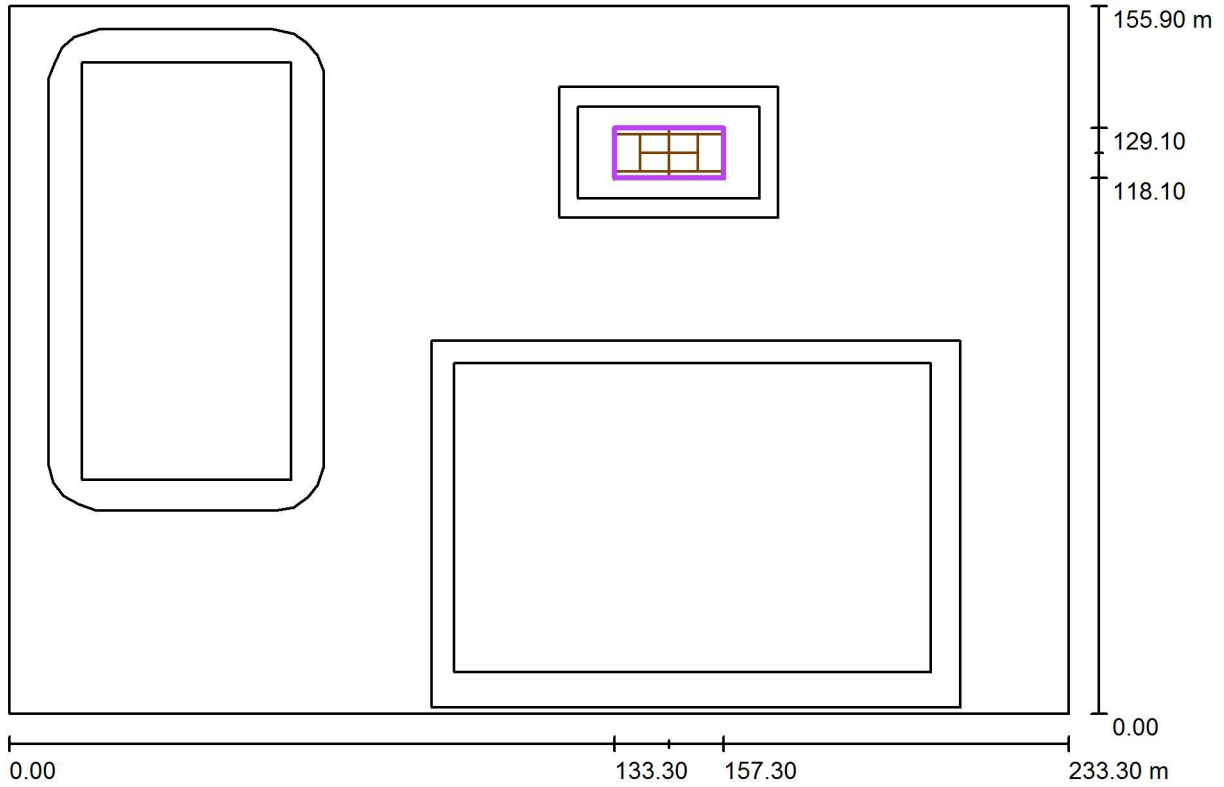
Grid: 13 x 7 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
873	596	1554	0.68	0.38



Operator
Telephone
Fax
e-Mail

Stadium / Multiple playground / Tennis Court 1(PA) / Summary



Scale 1 : 1668

Position: (145.300 m, 123.600 m, 0.000 m)
 Size: (24.000 m, 11.000 m)
 Rotation: (0.0°, 0.0°, 0.0°)
 Type: Normal, Grid: 13 x 5 Points
 Belongs to the following sport arena: Tennis Court 1

Results overview

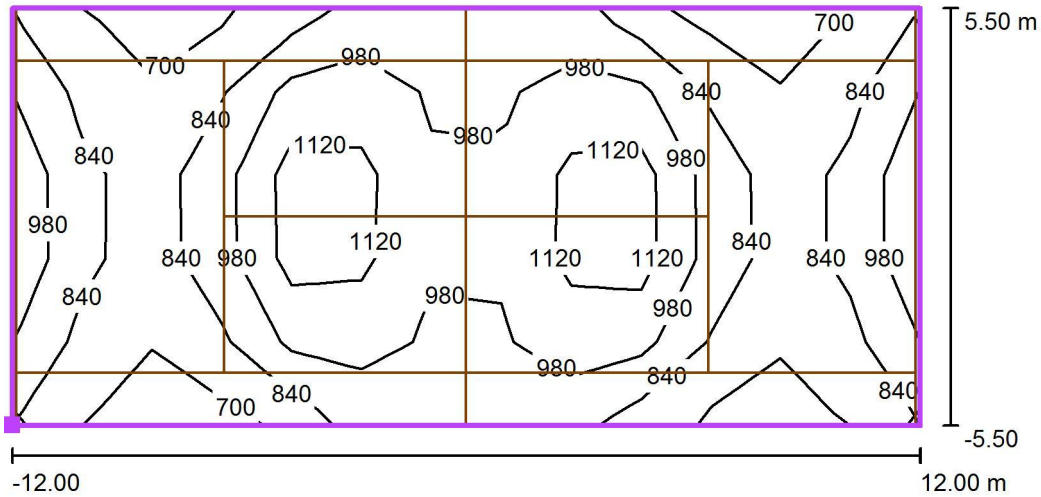
No.	Type	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}	$E_{h\ m} / E_m$	H [m]	Camera
1	perpendicular	915	652	1318	0.71	0.49	/	0.000	/

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



Operator
Telephone
Fax
e-Mail

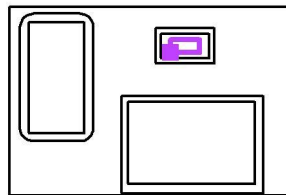
Stadium / Multiple playground / Tennis Court 1(PA) / Isolines (E, Perpendicular)



Values in Lux, Scale 1 : 200

Position of surface in external scene:

Marked point: (133.300 m,
118.100 m, 0.000 m)



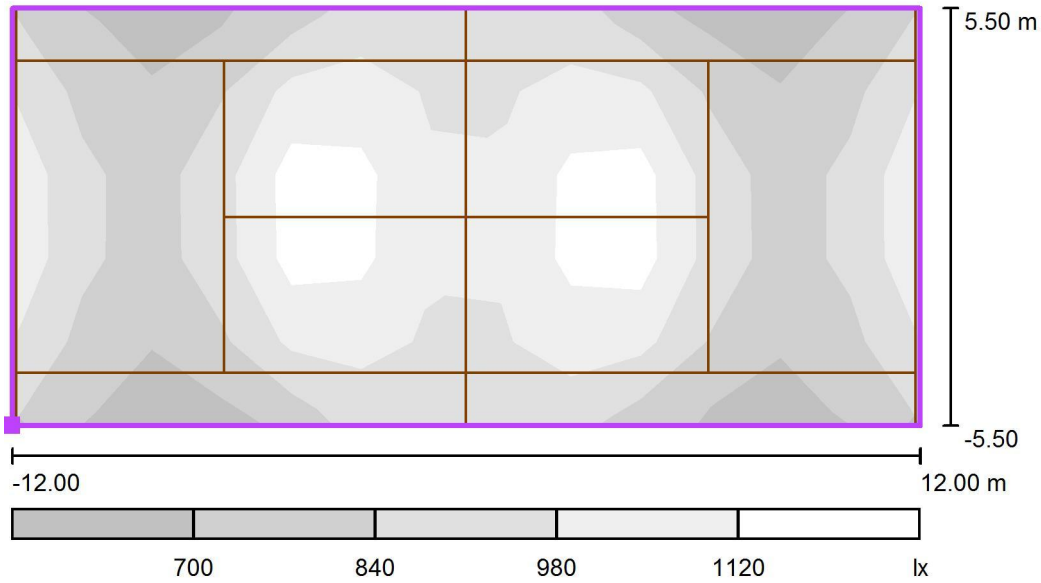
Grid: 13 x 5 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
915	652	1318	0.71	0.49



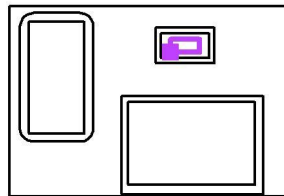
Operator
Telephone
Fax
e-Mail

Stadium / Multiple playground / Tennis Court 1(PA) / Greyscale (E, Perpendicular)



Scale 1 : 200

Position of surface in external scene:
Marked point: (133.300 m,
118.100 m, 0.000 m)



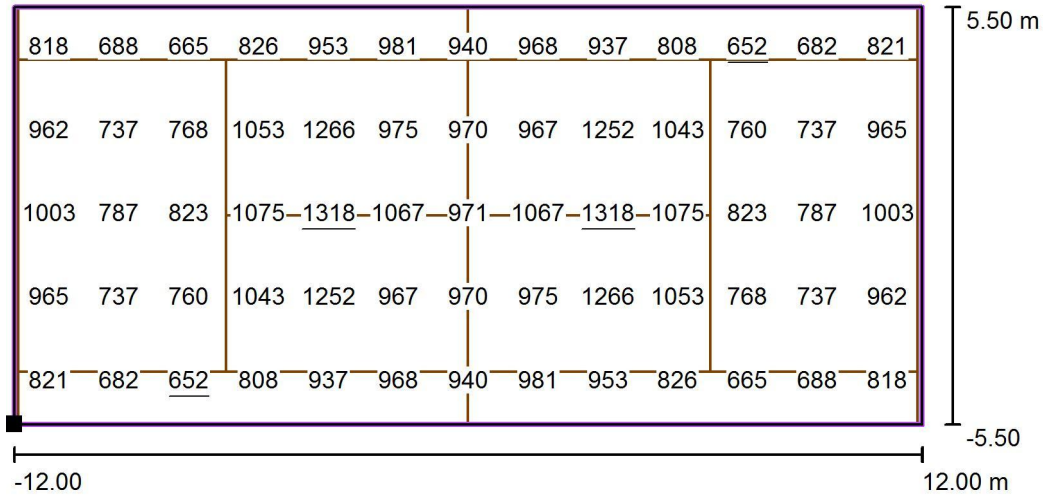
Grid: 13 x 5 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
915	652	1318	0.71	0.49



Operator
Telephone
Fax
e-Mail

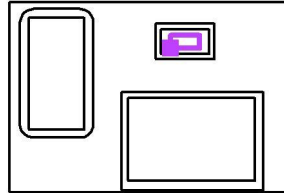
Stadium / Multiple playground / Tennis Court 1(PA) / Value Chart (E, Perpendicular)



Values in Lux, Scale 1 : 200

Position of surface in external scene:

Marked point: (133.300 m,
118.100 m, 0.000 m)



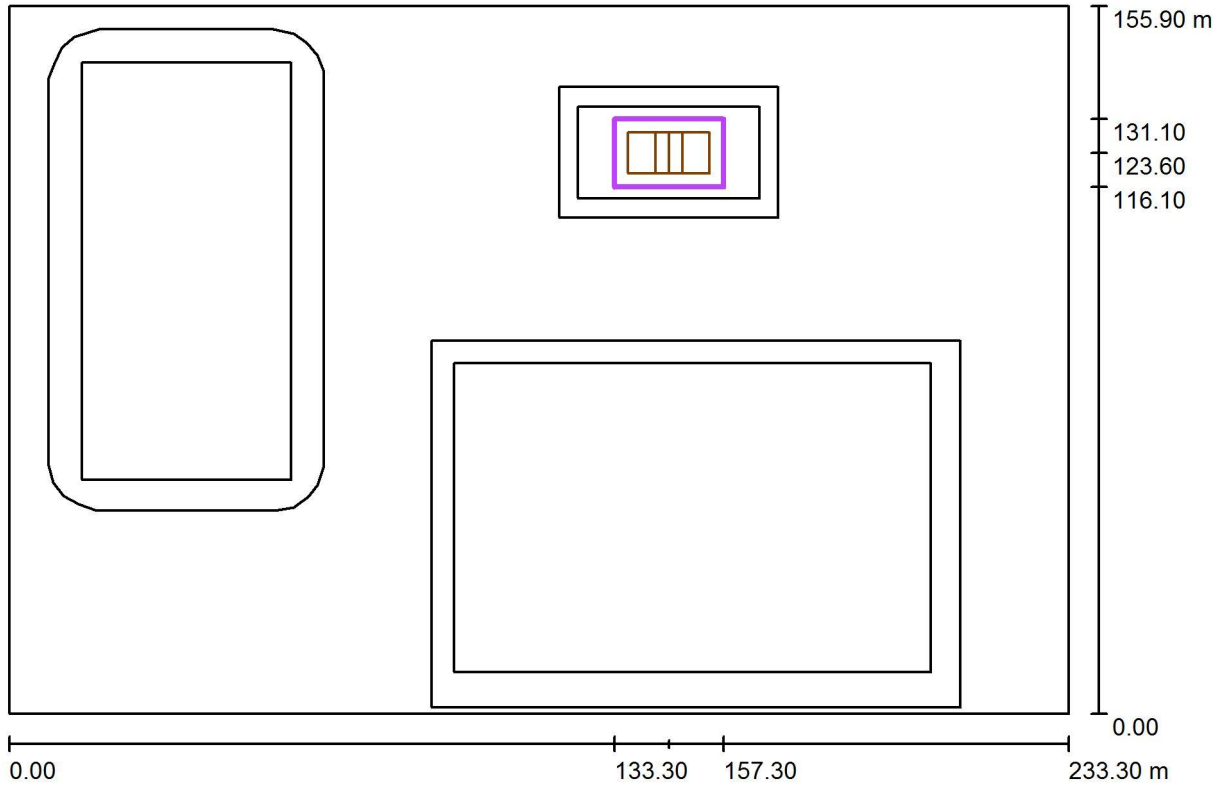
Grid: 13 x 5 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
915	652	1318	0.71	0.49



Operator
Telephone
Fax
e-Mail

Stadium / Multiple playground / Volleyball 1(PA) / Summary



Scale 1 : 1668

Position: (145.300 m, 123.600 m, 0.000 m)
 Size: (24.000 m, 15.000 m)
 Rotation: (0.0°, 0.0°, 0.0°)
 Type: Normal, Grid: 13 x 9 Points
 Belongs to the following sport arena: 排球 1

Results overview

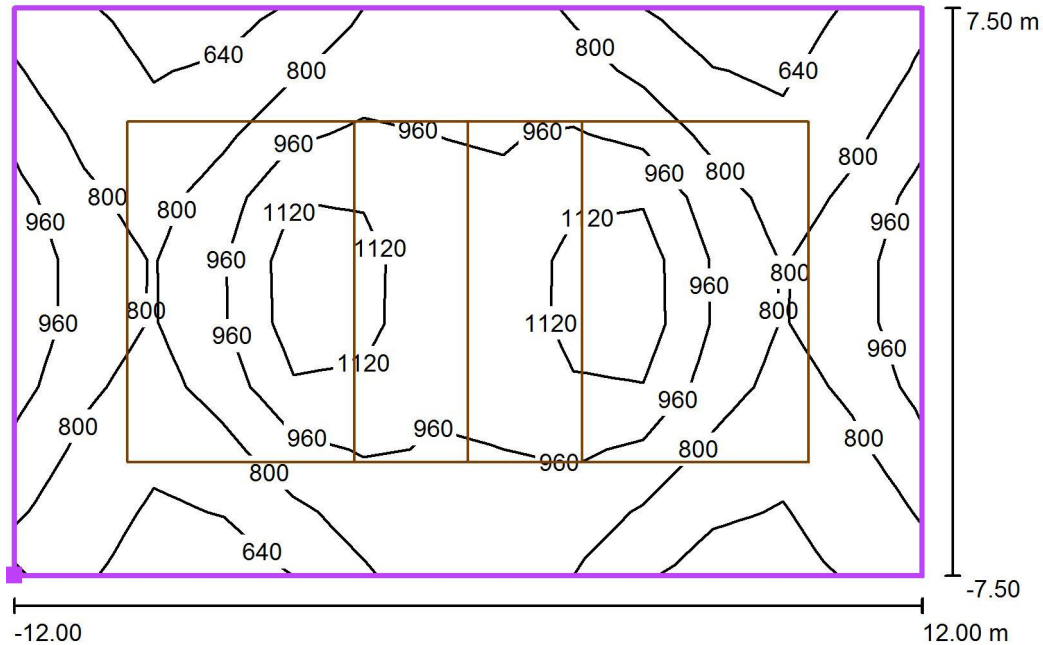
No.	Type	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}	$E_{h\ m} / E_m$	H [m]	Camera
1	perpendicular	866	545	1318	0.63	0.41	/	0.000	/

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



Operator
Telephone
Fax
e-Mail

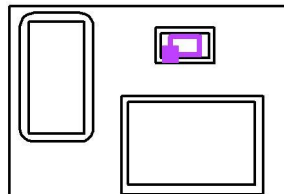
Stadium / Multiple playground / Volleyball 1(PA) / Isolines (E, Perpendicular)



Values in Lux, Scale 1 : 200

Position of surface in external scene:

Marked point: (133.300 m,
116.100 m, 0.000 m)



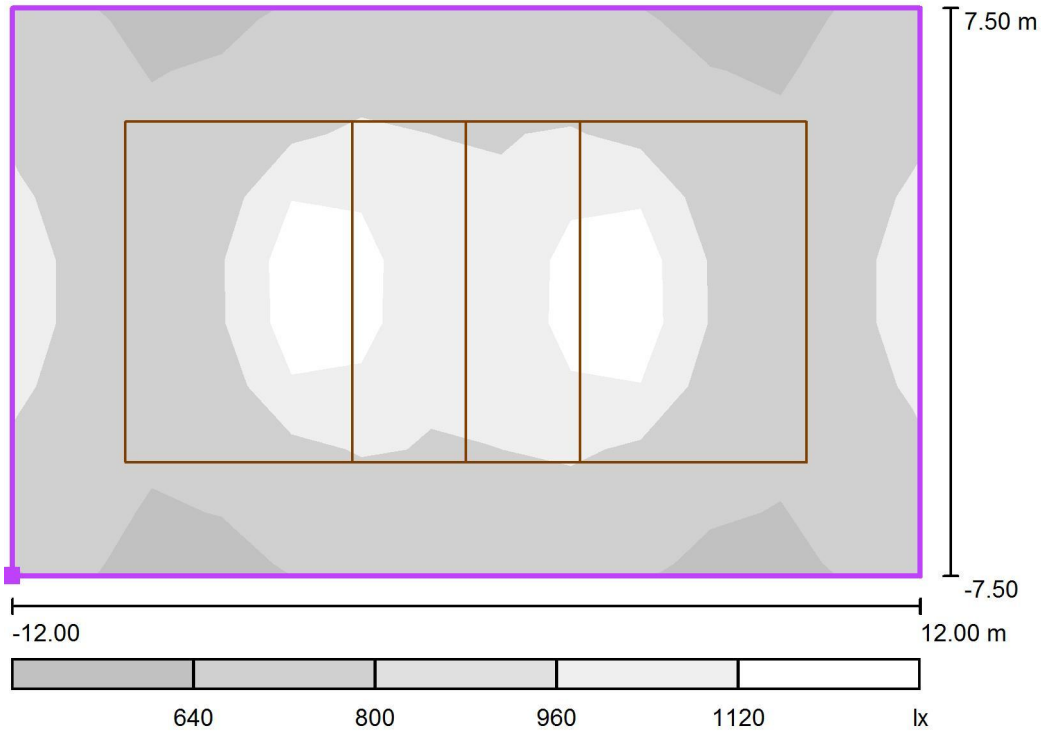
Grid: 13 x 9 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u_0	E_{min} / E_{max}
866	545	1318	0.63	0.41



Operator
Telephone
Fax
e-Mail

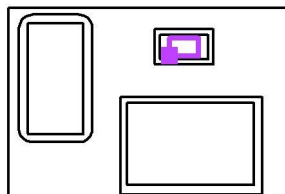
Stadium / Multiple playground / Volleyball 1(PA) / Greyscale (E, Perpendicular)



Scale 1 : 200

Position of surface in external scene:

Marked point: (133.300 m,
116.100 m, 0.000 m)



Grid: 13 x 9 Points

E_{av} [lx]
866

E_{min} [lx]
545

E_{max} [lx]
1318

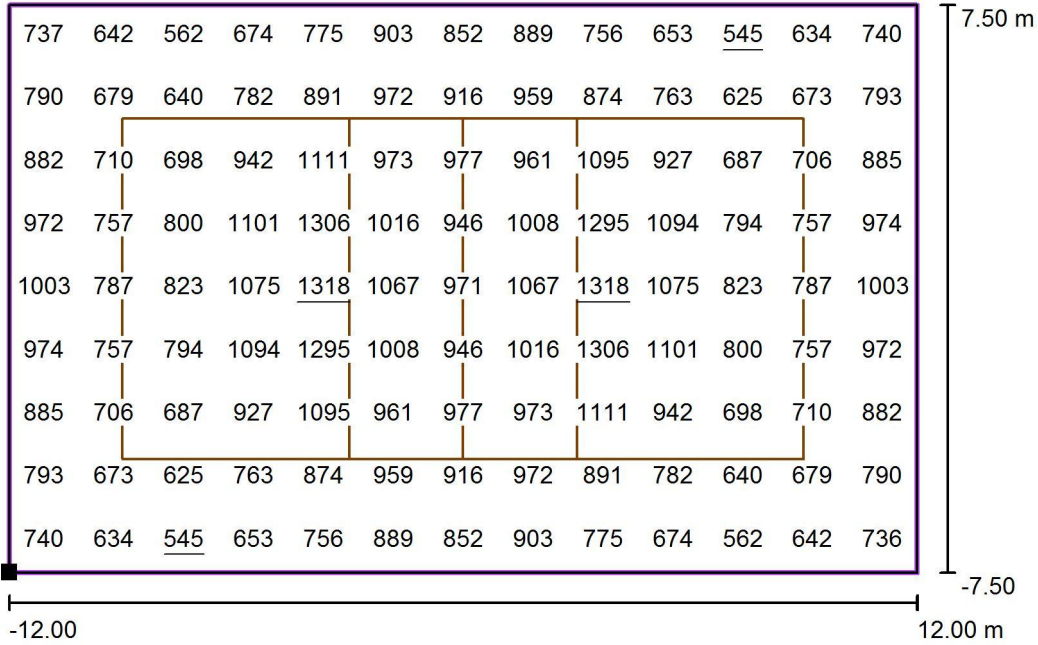
u_0
0.63

E_{min} / E_{max}
0.41



Operator
Telephone
Fax
e-Mail

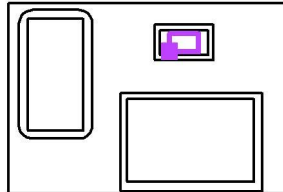
Stadium / Multiple playground / Volleyball 1(PA) / Value Chart (E, Perpendicular)



Values in Lux, Scale 1 : 200

Position of surface in external scene:

Marked point: (133.300 m,
116.100 m, 0.000 m)



Grid: 13 x 9 Points

E_{av} [lx]
866

E_{min} [lx]
545

E_{max} [lx]
1318

u_0
0.63

E_{min} / E_{max}
0.41