

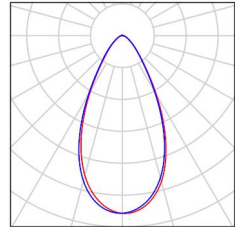


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Exterior Scene 1 / Luminaire parts list

72 Pieces LED MAX-SPORT-120W-60D LED FLOOD LIGHT
Article No.: LED MAX-SPORT-120W-60D
Luminous flux (Luminaire): 20586 lm
Luminous flux (Lamps): 20591 lm
Luminaire Wattage: 120.2 W
Luminaire classification according to CIE: 100
CIE flux code: 82 95 99 100 100
Fitting: 1 x LED MAX-SPORT-120W-60D
(Correction Factor 1.000).

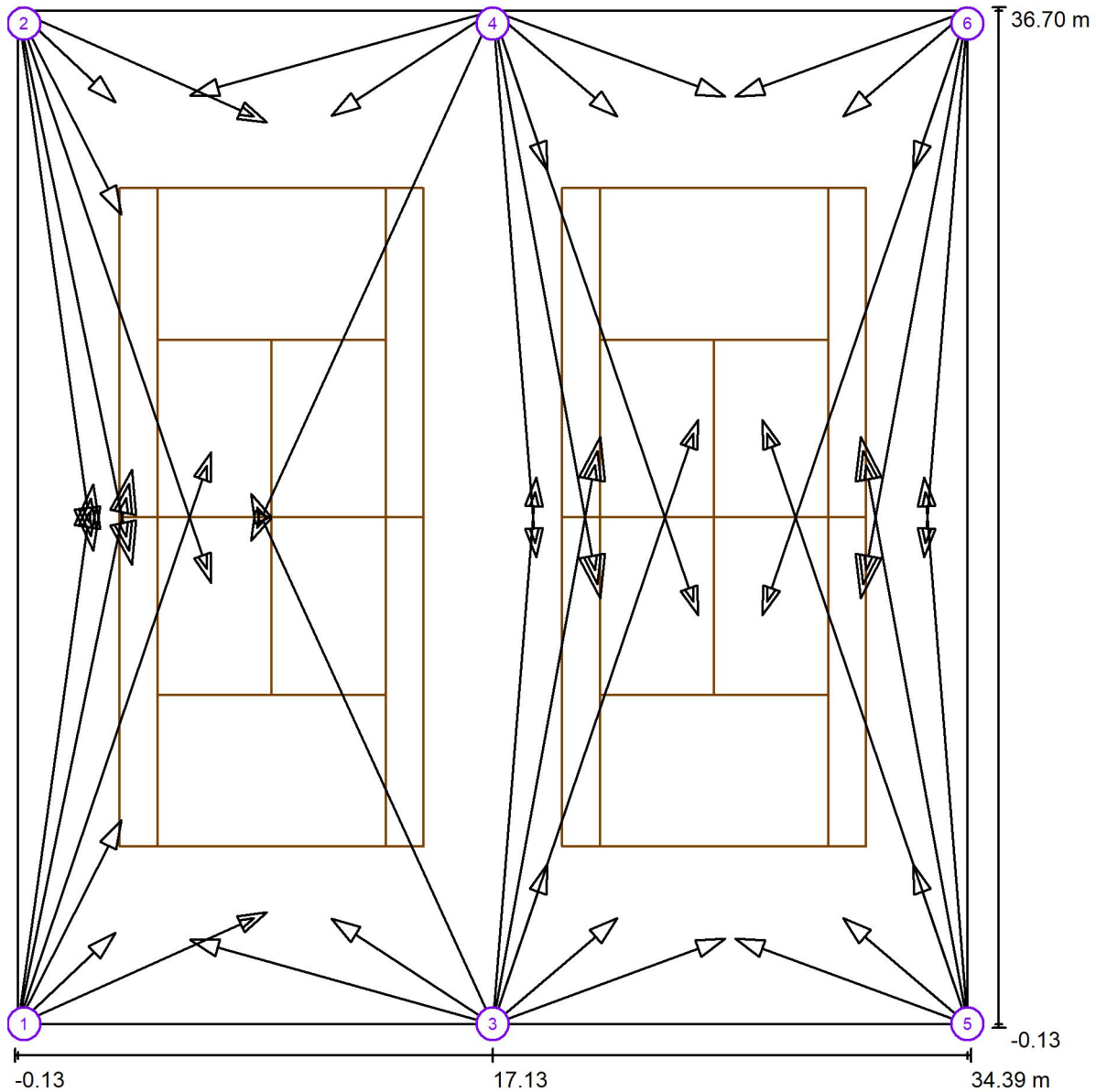
See our luminaire
catalog for an image of
the luminaire.





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Exterior Scene 1 / Sport Luminaires (Coordinates List)



Scale 1 : 250

List of the Sport Luminaires

Luminaire	Index	Position [m]			Aiming Point [m]			Angle [°]	Alignment	Pole
		X	Y	Z	X	Y	Z			
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	1	0.000	0.000	12.000	3.712	7.362	0.000	55.5	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	1	0.000	0.000	12.000	8.973	4.032	0.000	50.7	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	1	0.000	0.000	12.000	2.700	19.481	0.000	31.4	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	1	0.000	0.000	12.000	4.100	20.000	0.000	30.4	(C 90, G IMax)	/

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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			
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	1	0.000	0.000	12.000	4.100	20.000	0.000	30.4	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	1	0.000	0.000	12.000	6.968	20.642	0.000	28.8	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	2	0.000	36.570	12.000	3.712	29.208	0.000	55.5	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	2	0.000	36.570	12.000	8.973	32.538	0.000	50.7	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	2	0.000	36.570	12.000	2.700	17.089	0.000	31.4	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	2	0.000	36.570	12.000	4.100	16.570	0.000	30.4	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	2	0.000	36.570	12.000	4.100	16.570	0.000	30.4	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	2	0.000	36.570	12.000	6.968	15.928	0.000	28.8	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	3	17.130	0.000	12.000	11.300	3.800	0.000	59.9	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	3	17.130	0.000	12.000	6.198	3.045	0.000	46.6	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	4	17.130	36.570	12.000	11.300	32.770	0.000	59.9	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	4	17.130	36.570	12.000	6.198	33.525	0.000	46.6	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	1	0.000	0.000	12.000	3.500	3.300	0.000	68.2	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	1	0.000	0.000	12.000	8.973	4.032	0.000	50.7	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	1	0.000	0.000	12.000	6.968	20.642	0.000	28.8	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	1	0.000	0.000	12.000	4.100	20.000	0.000	30.4	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	1	0.000	0.000	12.000	2.700	19.481	0.000	31.4	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	1	0.000	0.000	12.000	2.700	19.481	0.000	31.4	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	2	0.000	36.570	12.000	3.500	33.270	0.000	68.2	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	2	0.000	36.570	12.000	8.973	32.538	0.000	50.7	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	2	0.000	36.570	12.000	6.968	15.928	0.000	28.8	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	2	0.000	36.570	12.000	4.100	16.570	0.000	30.4	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	2	0.000	36.570	12.000	2.700	17.089	0.000	31.4	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	2	0.000	36.570	12.000	2.700	17.089	0.000	31.4	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	3	17.130	0.000	12.000	8.405	19.129	0.000	29.7	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	3	17.130	0.000	12.000	8.405	19.129	0.000	29.7	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	4	17.130	36.570	12.000	8.405	17.441	0.000	29.7	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	4	17.130	36.570	12.000	8.405	17.441	0.000	29.7	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	5	34.260	0.000	12.000	32.297	5.767	0.000	63.1	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	5	34.260	0.000	12.000	29.769	3.823	0.000	63.8	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	5	34.260	0.000	12.000	32.700	19.719	0.000	31.2	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	5	34.260	0.000	12.000	32.700	19.719	0.000	31.2	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	5	34.260	0.000	12.000	30.400	21.200	0.000	29.1	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	5	34.260	0.000	12.000	26.853	21.816	0.000	27.5	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	6	34.260	36.570	12.000	32.297	30.803	0.000	63.1	(C 90, G IMax)	/

LED MAX-SPORT-120W-60D LED
FLOOD LIGHT

6	34.260	36.570	12.000	29.769	32.747	0.000	63.8	(C 90, G IMax)	/
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Exterior Scene 1 / Sport Luminares (Coordinates List)

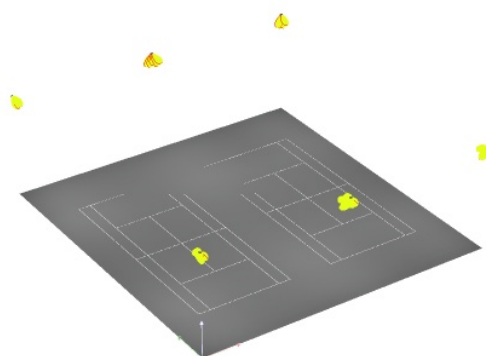
List of the Sport Luminares

Luminaire	Index	Position [m]			Aiming Point [m]			Angle [°]	Alignment	Pole
		X	Y	Z	X	Y	Z			
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	6	34.260	36.570	12.000	32.700	16.851	0.000	31.2	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	6	34.260	36.570	12.000	32.700	16.851	0.000	31.2	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	6	34.260	36.570	12.000	30.400	15.370	0.000	29.1	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	6	34.260	36.570	12.000	26.853	14.754	0.000	27.5	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	3	17.130	0.000	12.000	19.093	5.767	0.000	63.1	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	3	17.130	0.000	12.000	21.621	3.823	0.000	63.8	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	3	17.130	0.000	12.000	18.690	19.719	0.000	31.2	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	3	17.130	0.000	12.000	18.690	19.719	0.000	31.2	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	3	17.130	0.000	12.000	20.990	21.200	0.000	29.1	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	3	17.130	0.000	12.000	24.537	21.816	0.000	27.5	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	4	17.130	36.570	12.000	19.093	30.803	0.000	63.1	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	4	17.130	36.570	12.000	21.621	32.747	0.000	63.8	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	4	17.130	36.570	12.000	18.690	16.851	0.000	31.2	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	4	17.130	36.570	12.000	18.690	16.851	0.000	31.2	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	4	17.130	36.570	12.000	20.990	15.370	0.000	29.1	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	4	17.130	36.570	12.000	24.537	14.754	0.000	27.5	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	5	34.260	0.000	12.000	30.400	21.200	0.000	29.1	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	5	34.260	0.000	12.000	25.880	3.093	0.000	53.3	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	5	34.260	0.000	12.000	30.400	21.200	0.000	29.1	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	5	34.260	0.000	12.000	26.853	21.816	0.000	27.5	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	6	34.260	36.570	12.000	30.400	15.370	0.000	29.1	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	6	34.260	36.570	12.000	25.880	33.477	0.000	53.3	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	6	34.260	36.570	12.000	30.400	15.370	0.000	29.1	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	6	34.260	36.570	12.000	26.853	14.754	0.000	27.5	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	3	17.130	0.000	12.000	20.990	21.200	0.000	29.1	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	3	17.130	0.000	12.000	25.510	3.093	0.000	53.3	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	3	17.130	0.000	12.000	20.990	21.200	0.000	29.1	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	3	17.130	0.000	12.000	24.537	21.816	0.000	27.5	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	4	17.130	36.570	12.000	20.990	15.370	0.000	29.1	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	4	17.130	36.570	12.000	25.510	33.477	0.000	53.3	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	4	17.130	36.570	12.000	20.990	15.370	0.000	29.1	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	4	17.130	36.570	12.000	24.537	14.754	0.000	27.5	(C 90, G IMax)	/



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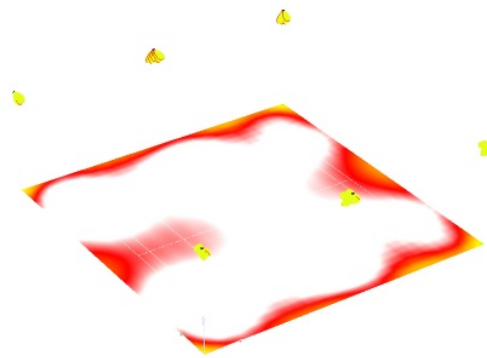
Exterior Scene 1 / 3D Rendering





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Exterior Scene 1 / False Color Rendering



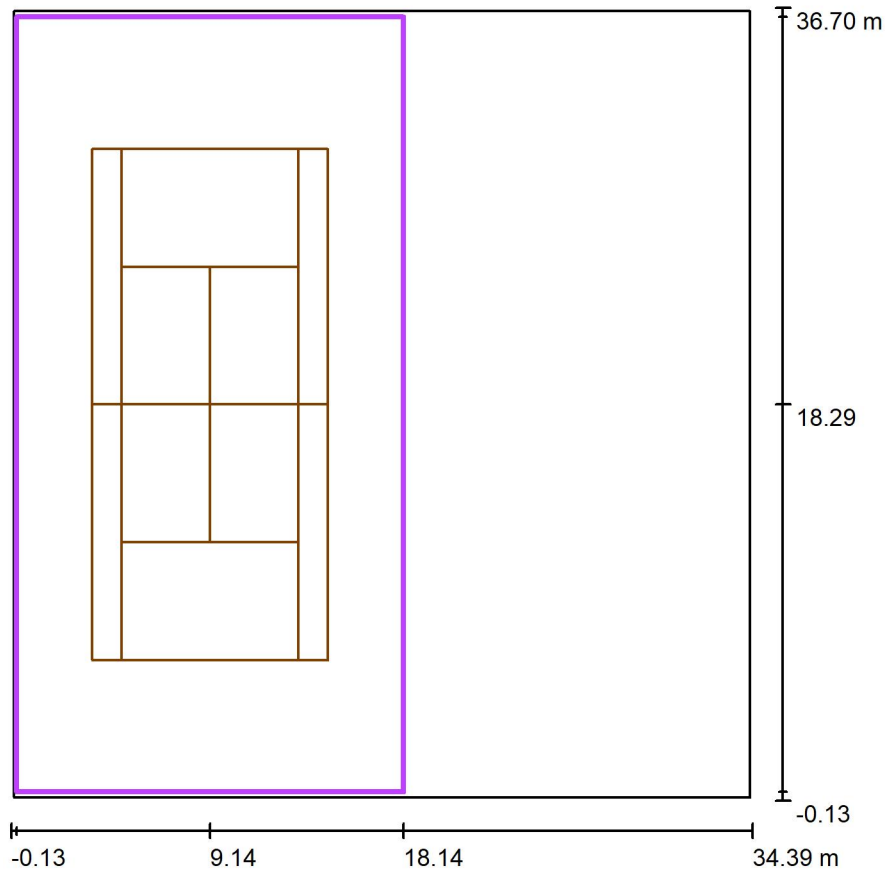
0 62.50 125 187.50 250 312.50 375 437.50 500

lx



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Exterior Scene 1 / Tennis 1 Calculation Grid (PA) / Summary



Scale 1 : 352

Position: (9.145 m, 18.285 m, 0.000 m)
Size: (36.000 m, 18.000 m)
Rotation: (0.0°, 0.0°, -90.0°)
Type: Normal, Grid: 15 x 7 Points
Belongs to the following sport arena: Tennis 1

Results overview

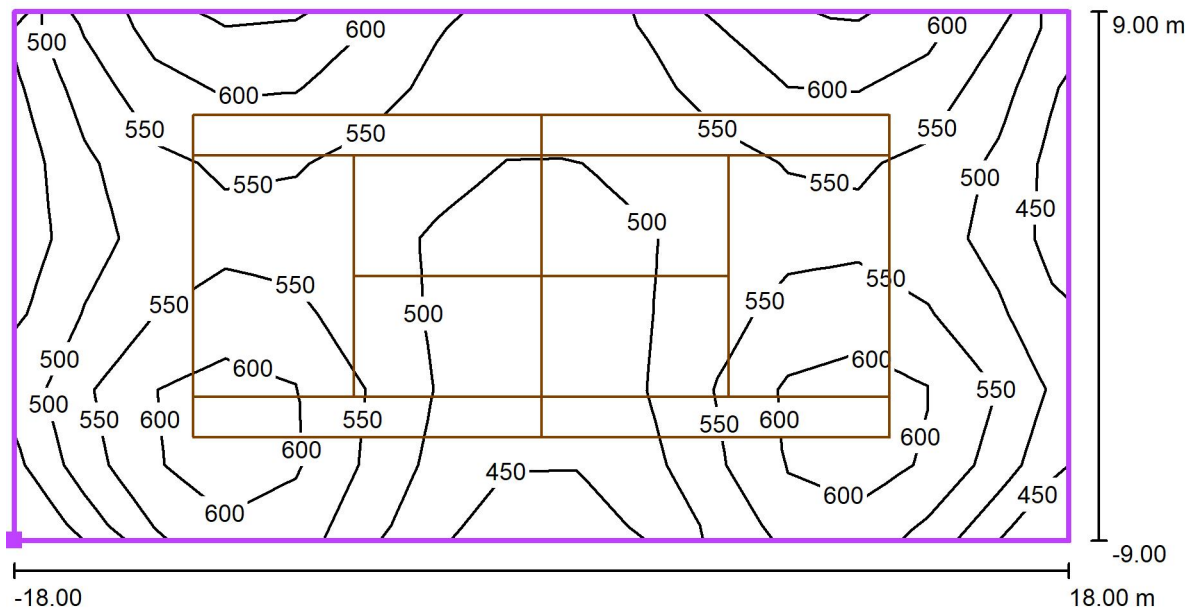
No.	Type	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}	$E_{h\ m} / E_m$	H [m]	Camera
1	perpendicular	536	429	654	0.80	0.66	/	0.000	/

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



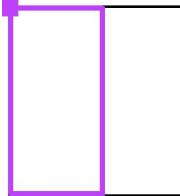
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Exterior Scene 1 / Tennis 1 Calculation Grid (PA) / Isolines (E, Perpendicular)



Values in Lux, Scale 1 : 258

Position of surface in external scene:
Marked point: (0.145 m, 36.285 m,
0.000 m)



Grid: 15 x 7 Points

E_{av} [lx]
536

E_{min} [lx]
429

E_{max} [lx]
654

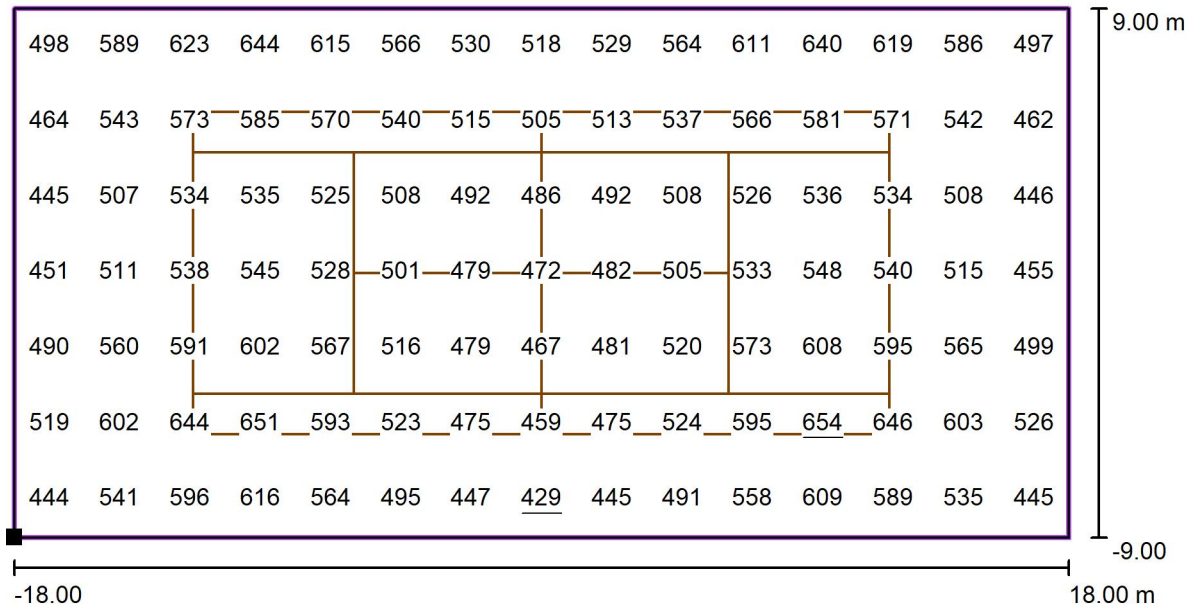
u_0
0.80

E_{min} / E_{max}
0.66



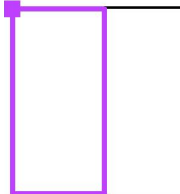
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Exterior Scene 1 / Tennis 1 Calculation Grid (PA) / Value Chart (E, Perpendicular)



Values in Lux, Scale 1 : 258

Position of surface in external scene:
Marked point: (0.145 m, 36.285 m,
0.000 m)



Grid: 15 x 7 Points

E_{av} [lx]
536

E_{min} [lx]
429

E_{max} [lx]
654

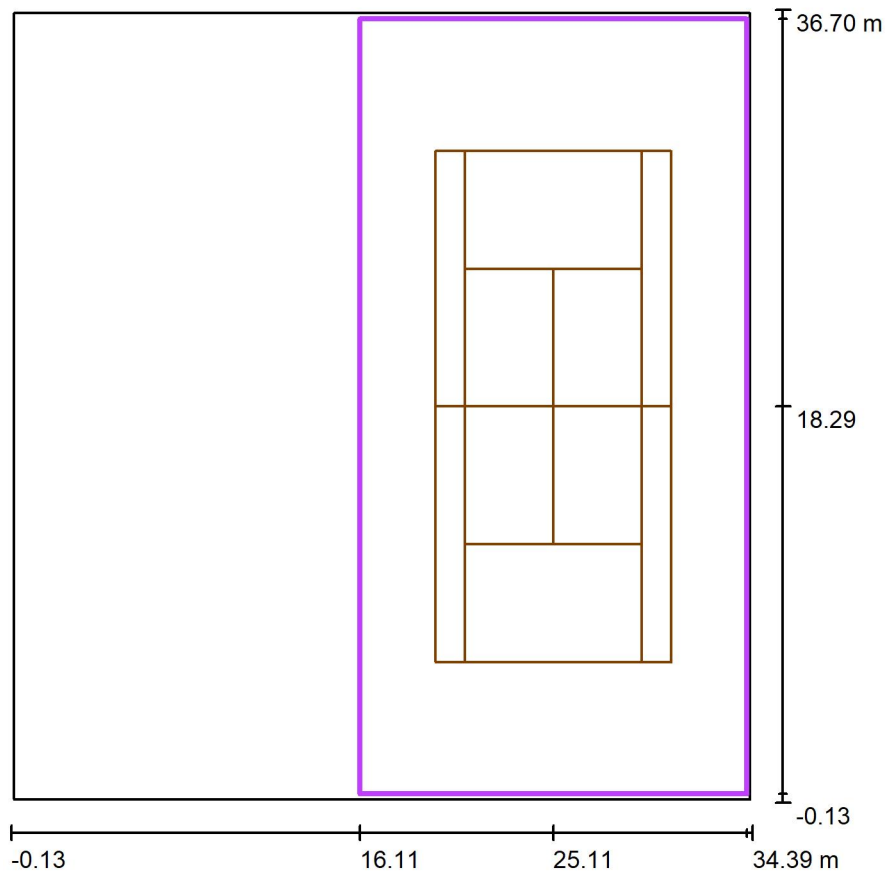
u_0
0.80

E_{min} / E_{max}
0.66



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Exterior Scene 1 / Tennis 1 Calculation Grid (PA) / Summary



Scale 1 : 352

Position: (25.115 m, 18.285 m, 0.000 m)
Size: (36.000 m, 18.000 m)
Rotation: (0.0°, 0.0°, -90.0°)
Type: Normal, Grid: 15 x 7 Points
Belongs to the following sport arena: Tennis 1

Results overview

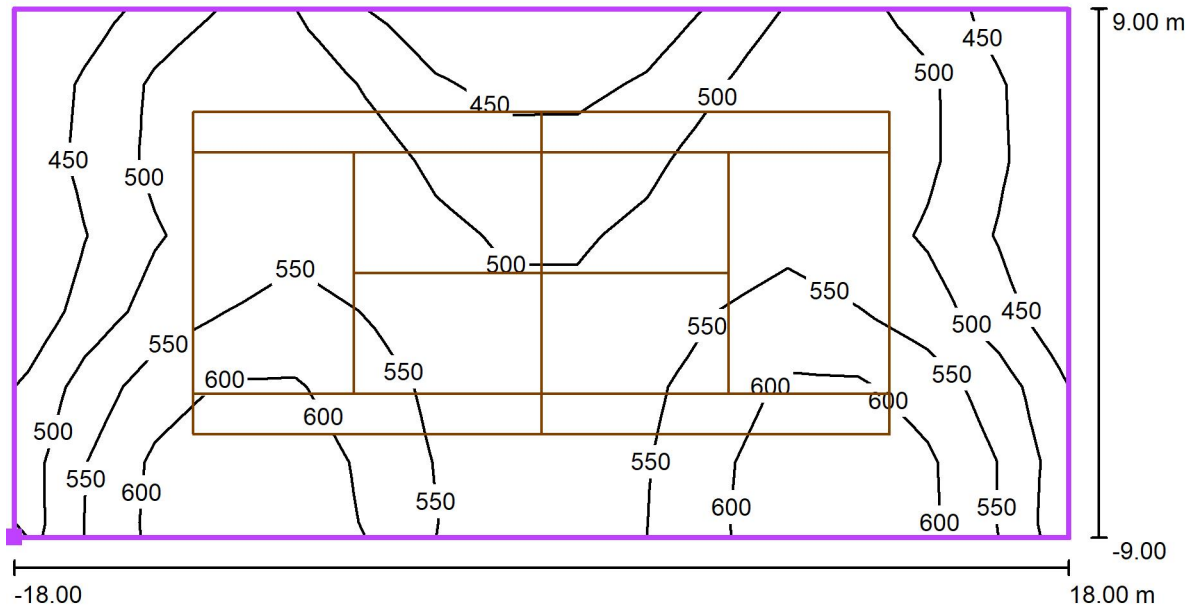
No.	Type	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	$u0$	E_{min} / E_{max}	$E_{h\ m} / E_m$	H [m]	Camera
1	perpendicular	524	406	651	0.77	0.62	/	0.000	/

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



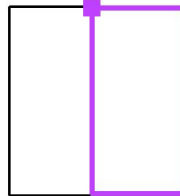
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e-Mail

Exterior Scene 1 / Tennis 1 Calculation Grid (PA) / Isolines (E, Perpendicular)



Values in Lux, Scale 1 : 258

Position of surface in external scene:
Marked point: (16.115 m, 36.285 m,
0.000 m)



Grid: 15 x 7 Points

E_{av} [lx]
524

E_{min} [lx]
406

E_{max} [lx]
651

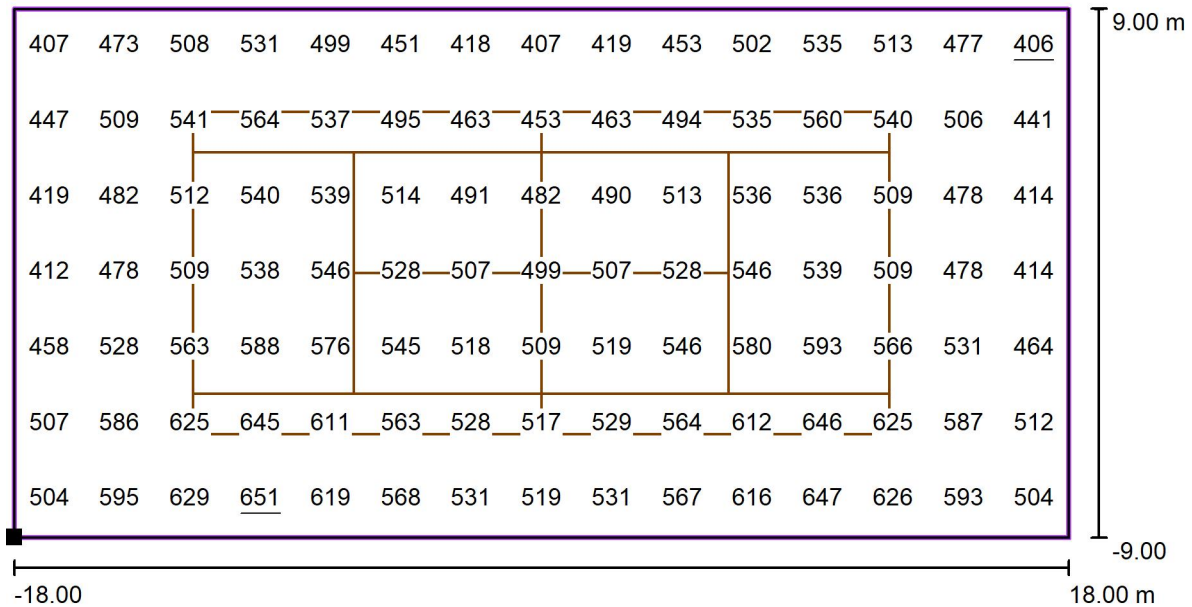
u_0
0.77

E_{min} / E_{max}
0.62



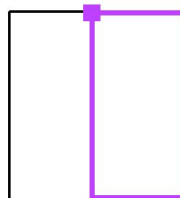
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Exterior Scene 1 / Tennis 1 Calculation Grid (PA) / Value Chart (E, Perpendicular)



Values in Lux, Scale 1 : 258

Position of surface in external scene:
Marked point: (16.115 m, 36.285 m,
0.000 m)



Grid: 15 x 7 Points

E_{av} [lx]
524

E_{min} [lx]
406

E_{max} [lx]
651

u_0
0.77

E_{min} / E_{max}
0.62