

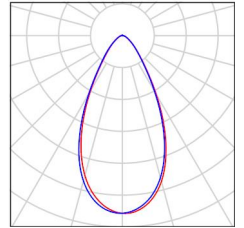


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Exterior Scene 1 / Luminaire parts list

32 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).

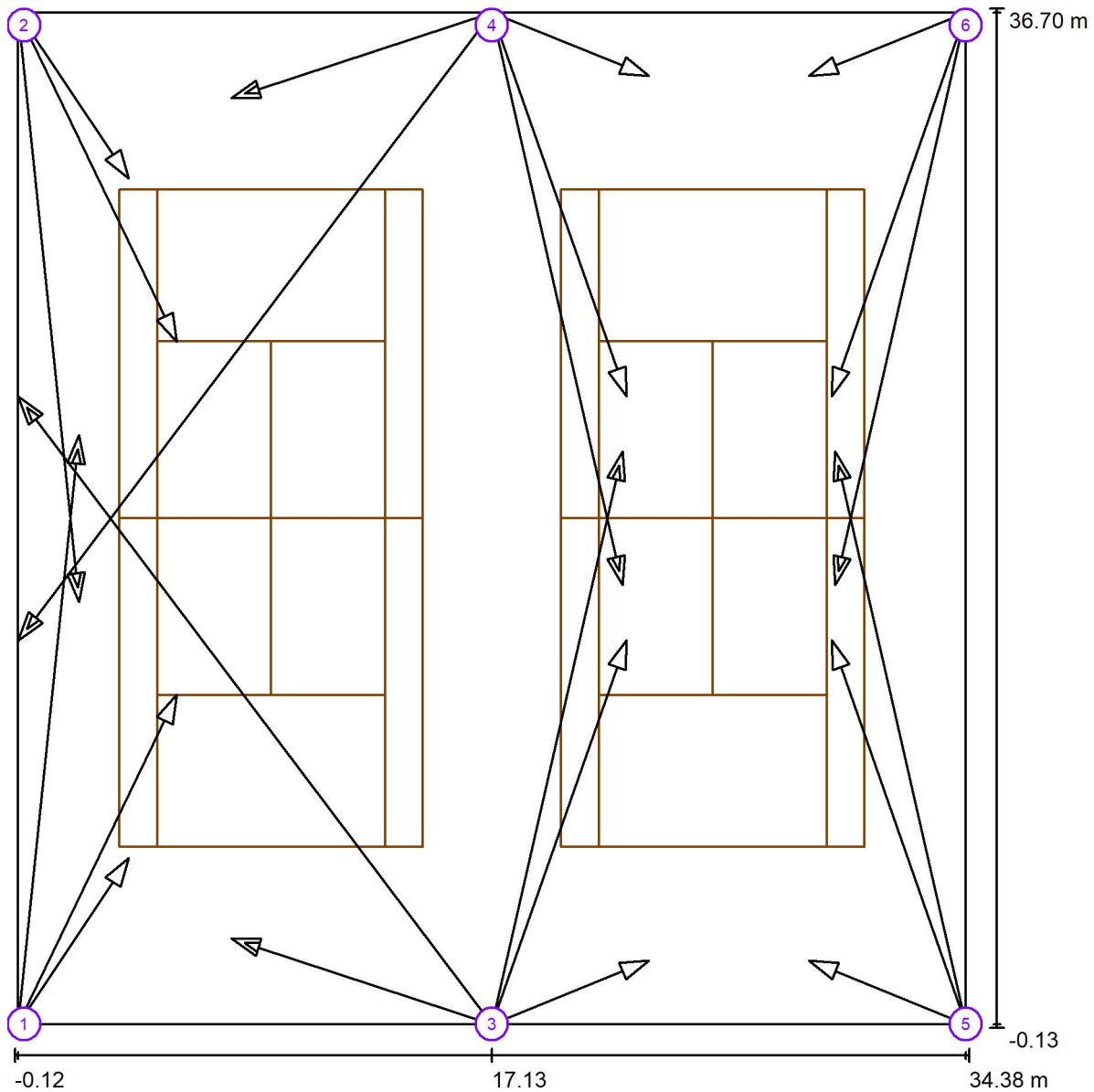
See our luminaire
catalog for an image of
the luminaire.





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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	2.200	21.300	0.000	29.3	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	1	0.000	0.000	12.000	2.200	21.300	0.000	29.3	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	2	0.000	36.570	12.000	2.200	15.270	0.000	29.3	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	2	0.000	36.570	12.000	2.200	15.270	0.000	29.3	(C 90, G IMax)	/



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Exterior Scene 1 / Sport Luminares (Coordinates List)

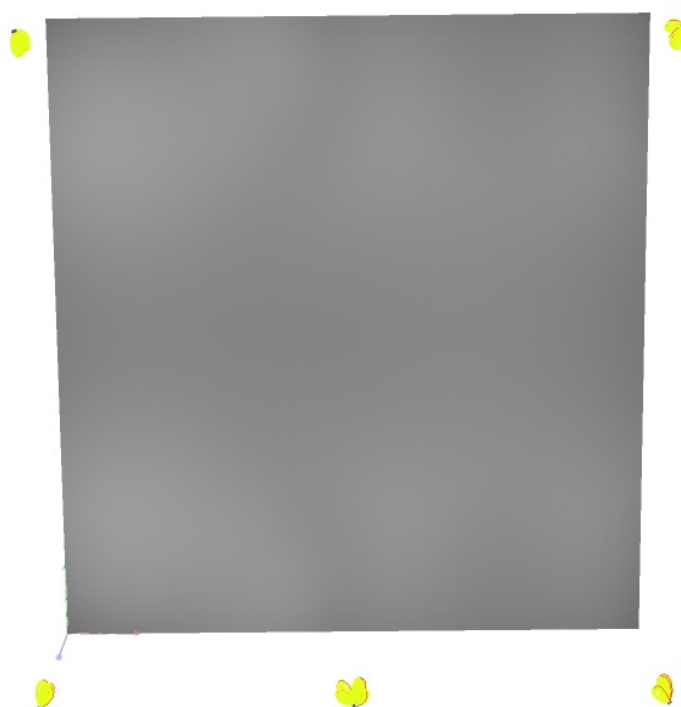
List of the Sport Luminares

Luminaire	Index	Position [m]			Aiming Point [m]			Angle [°]	Alignment	Pole
		X	Y	Z	X	Y	Z			
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	3	17.130	0.000	12.000	7.700	3.100	0.000	50.4	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	3	17.130	0.000	12.000	7.700	3.100	0.000	50.4	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	4	17.130	36.570	12.000	7.700	33.470	0.000	50.4	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	4	17.130	36.570	12.000	7.700	33.470	0.000	50.4	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	1	0.000	0.000	12.000	4.000	6.000	0.000	59.0	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	1	0.000	0.000	12.000	5.741	11.912	0.000	42.2	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	2	0.000	36.570	12.000	4.000	30.570	0.000	59.0	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	2	0.000	36.570	12.000	5.741	24.658	0.000	42.2	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	3	17.130	0.000	12.000	0.000	22.700	0.000	22.9	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	3	17.130	0.000	12.000	0.000	22.700	0.000	22.9	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	4	17.130	36.570	12.000	0.000	13.870	0.000	22.9	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	4	17.130	36.570	12.000	0.000	13.870	0.000	22.9	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	5	34.260	0.000	12.000	29.544	20.700	0.000	29.5	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	5	34.260	0.000	12.000	29.544	20.700	0.000	29.5	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	6	34.260	36.570	12.000	29.544	15.870	0.000	29.5	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	6	34.260	36.570	12.000	29.544	15.870	0.000	29.5	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	3	17.130	0.000	12.000	21.846	20.700	0.000	29.5	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	3	17.130	0.000	12.000	21.846	20.700	0.000	29.5	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	4	17.130	36.570	12.000	21.846	15.870	0.000	29.5	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	4	17.130	36.570	12.000	21.846	15.870	0.000	29.5	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	5	34.260	0.000	12.000	28.585	2.300	0.000	63.0	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	5	34.260	0.000	12.000	29.401	13.879	0.000	39.2	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	6	34.260	36.570	12.000	28.585	34.270	0.000	63.0	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	6	34.260	36.570	12.000	29.401	22.691	0.000	39.2	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	3	17.130	0.000	12.000	22.805	2.300	0.000	63.0	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	3	17.130	0.000	12.000	21.989	13.879	0.000	39.2	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	4	17.130	36.570	12.000	22.805	34.270	0.000	63.0	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	4	17.130	36.570	12.000	21.989	22.691	0.000	39.2	(C 90, G IMax)	/



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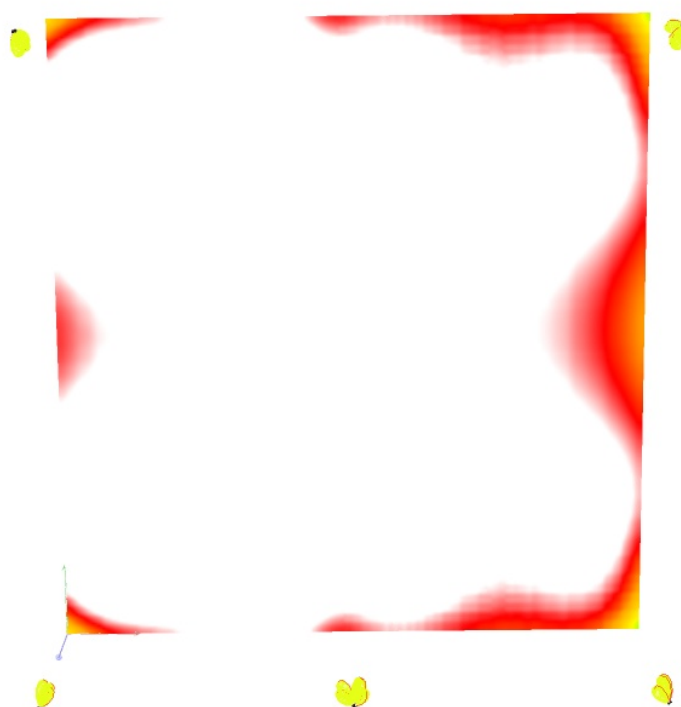
Exterior Scene 1 / 3D Rendering





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Exterior Scene 1 / False Color Rendering

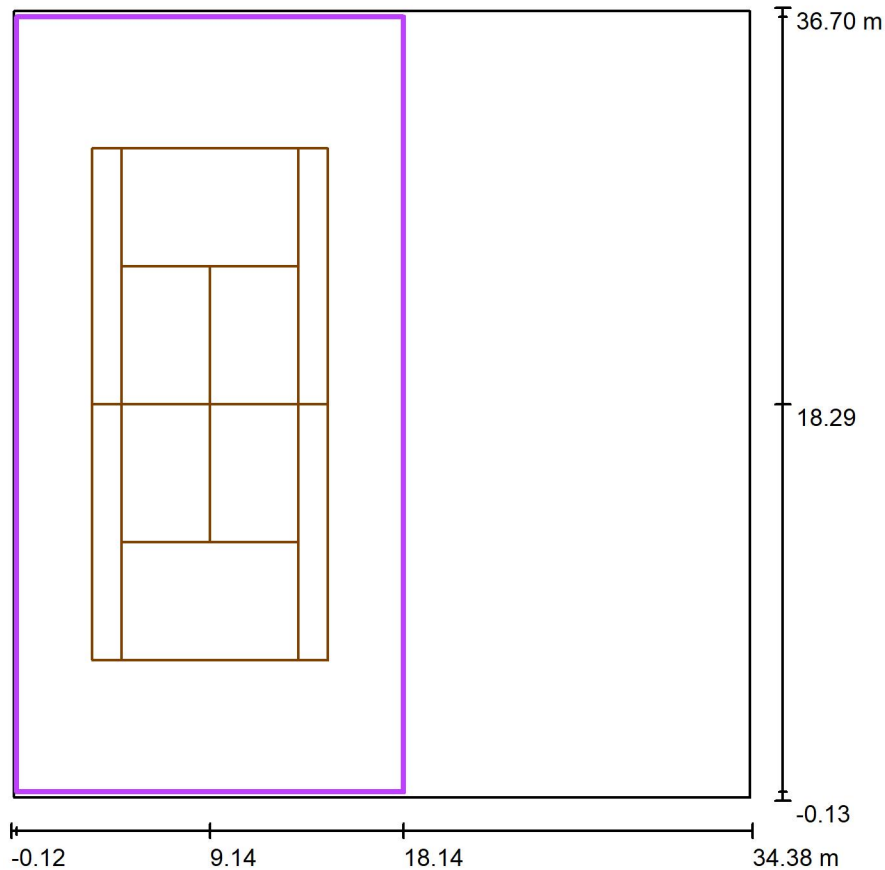


lx



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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

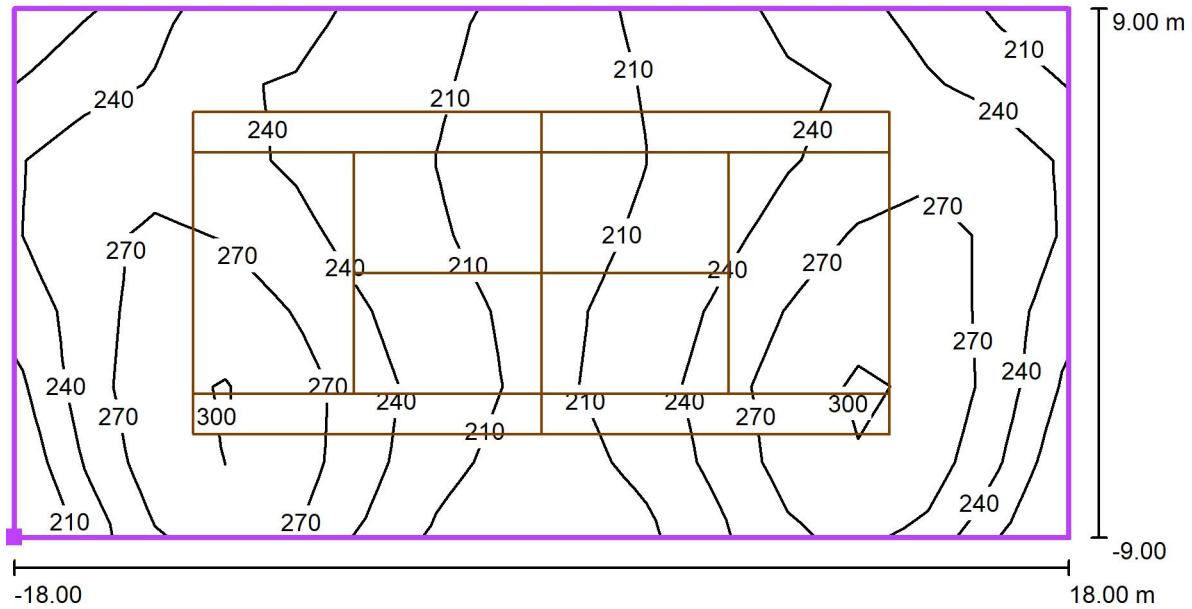
No.	Type	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	$u0$	E_{min} / E_{max}	$E_{h\ m} / E_m$	H [m]	Camera
1	perpendicular	243	191	311	0.78	0.61	/	0.000	/

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



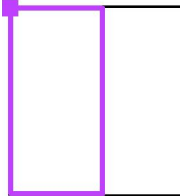
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Exterior Scene 1 / Tennis 1 Calculation Grid (PA) / Isolines (E, Perpendicular)



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]
243

E_{min} [lx]
191

E_{max} [lx]
311

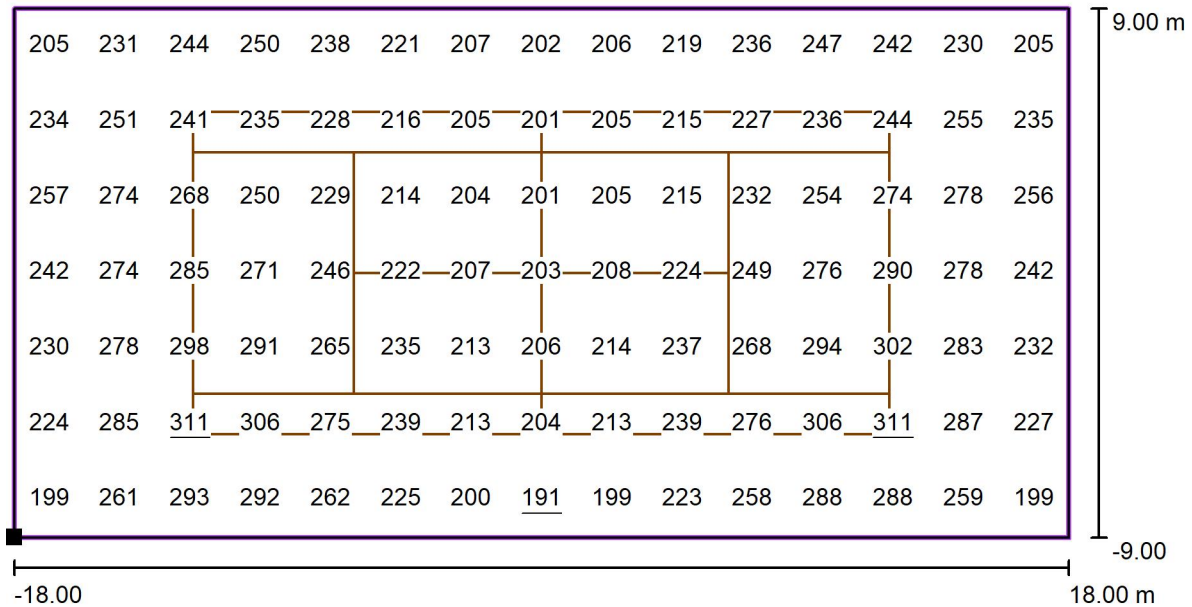
u_0
0.78

E_{min} / E_{max}
0.61



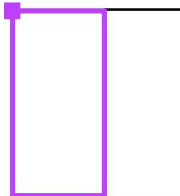
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Exterior Scene 1 / Tennis 1 Calculation Grid (PA) / Value Chart (E, Perpendicular)



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]
243

E_{min} [lx]
191

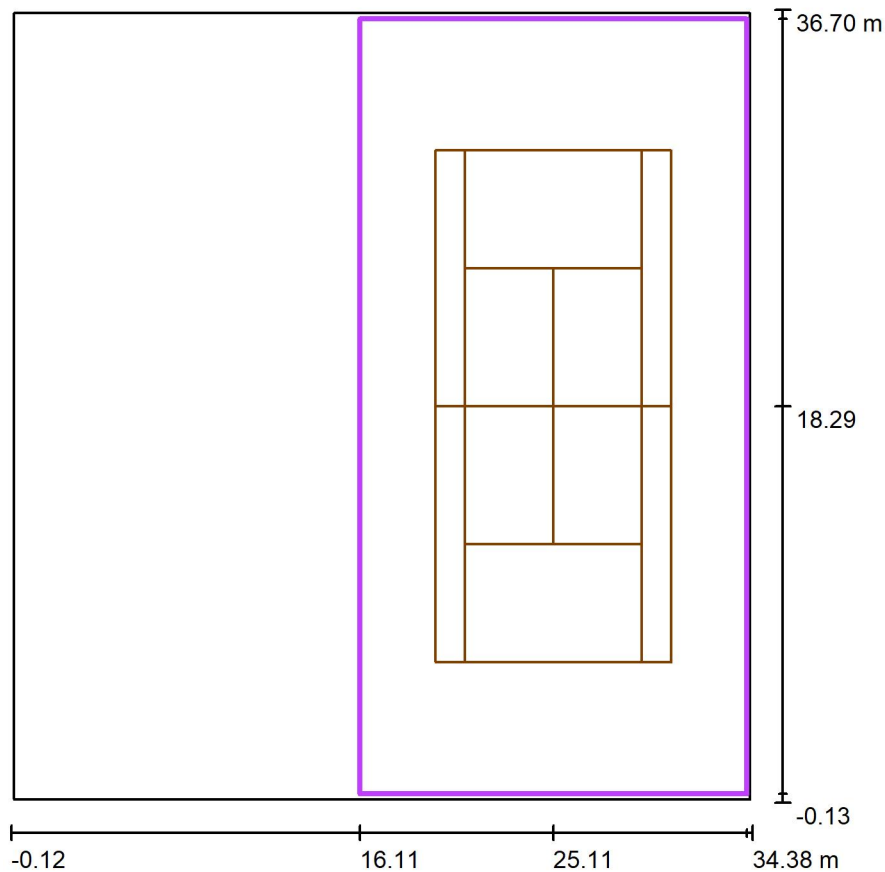
E_{max} [lx]
311

u_0
0.78

E_{min} / E_{max}
0.61

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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

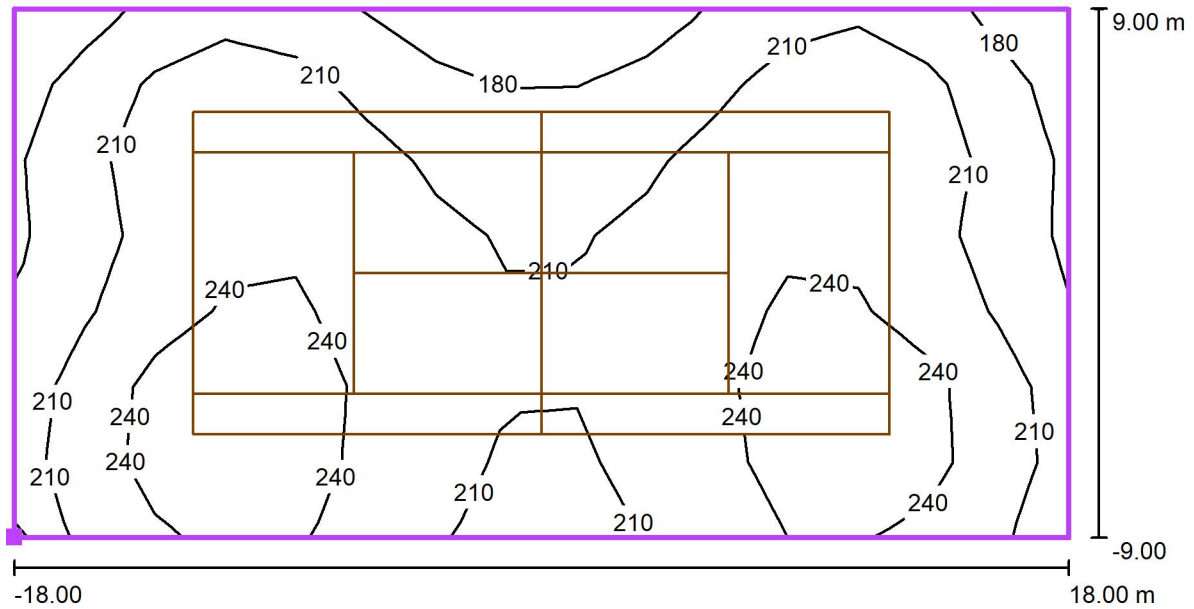
No.	Type	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	$u0$	E_{min} / E_{max}	$E_{h\ m} / E_m$	H [m]	Camera
1	perpendicular	219	166	267	0.76	0.62	/	0.000	/

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



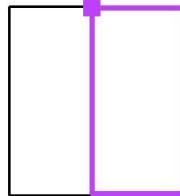
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Exterior Scene 1 / Tennis 1 Calculation Grid (PA) / Isolines (E, Perpendicular)



Values in Lux, Scale 1 : 258

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



Grid: 15 x 7 Points

E_{av} [lx]
219

E_{min} [lx]
166

E_{max} [lx]
267

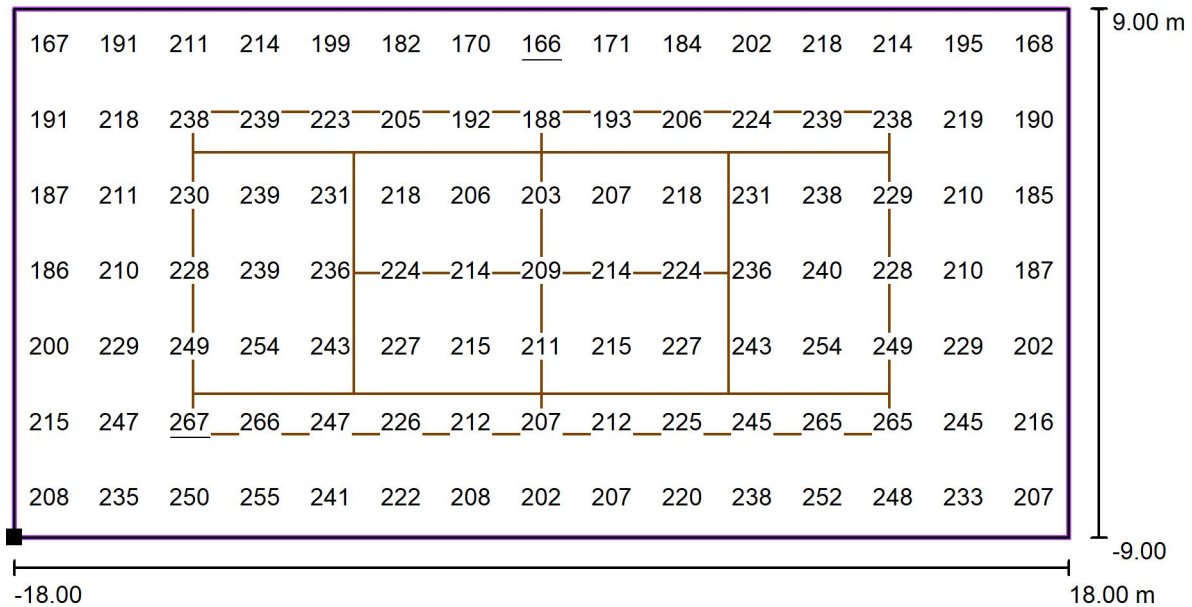
u_0
0.76

E_{min} / E_{max}
0.62



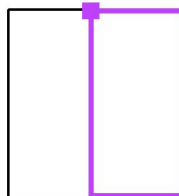
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Exterior Scene 1 / Tennis 1 Calculation Grid (PA) / Value Chart (E, Perpendicular)



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]
219

E_{min} [lx]
166

E_{max} [lx]
267

u_0
0.76

E_{min} / E_{max}
0.62