

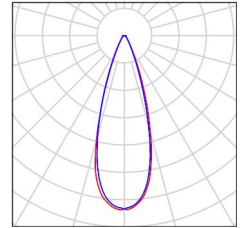


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Exterior Scene 1 / Luminaire parts list

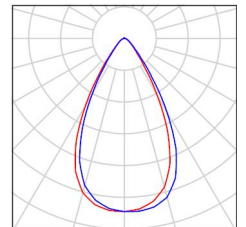
8 Pieces LED MAX sport ULTRALUX 300W-30D LED FLOOD LIGHT
Article No.: LED MAX sport ULTRALUX 300W-30D
Luminous flux (Luminaire): 46049 lm
Luminous flux (Lamps): 46075 lm
Luminaire Wattage: 301.2 W
Luminaire classification according to CIE: 100
CIE flux code: 88 94 97 100 100
Fitting: 1 x LED MAX sport ULTRALUX 300W-30D (Correction Factor 1.000).

See our luminaire catalog for an image of the luminaire.



8 Pieces LED MAX sport ULTRALUX 300W-60D LED Flood Light
Article No.: LED MAX sport ULTRALUX 300W-60D
Luminous flux (Luminaire): 46756 lm
Luminous flux (Lamps): 47019 lm
Luminaire Wattage: 299.5 W
Luminaire classification according to CIE: 100
CIE flux code: 87 96 99 100 100
Fitting: 1 x LED MAX sport ULTRALUX 300W-60D (Correction Factor 1.000).

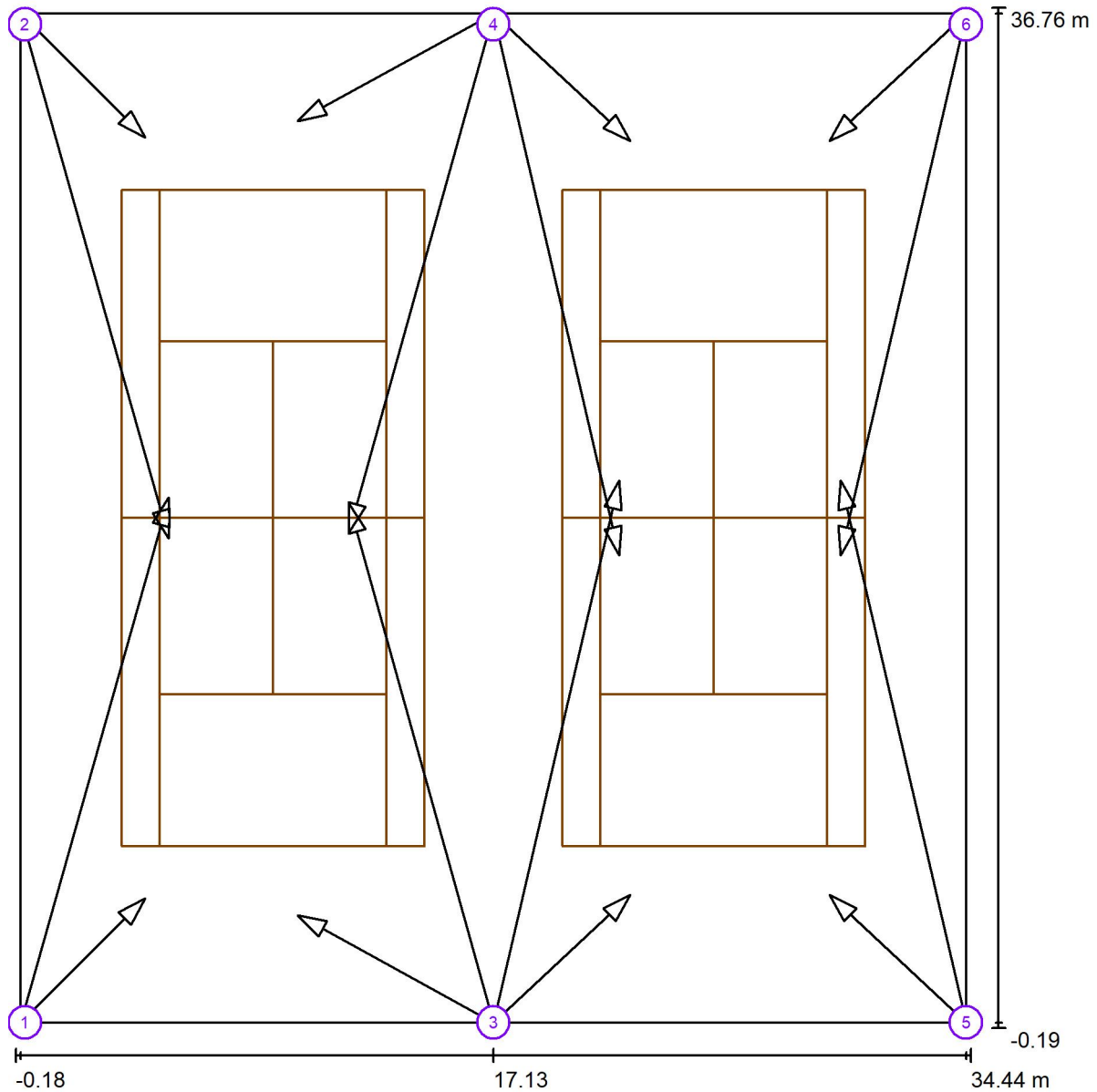
See our luminaire catalog for an image of the luminaire.





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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 ULTRALUX 300W-30D LED FLOOD LIGHT	1	0.000	0.000	15.000	5.365	19.023	0.000	37.2	(C 90, G IMax)	/
LED MAX sport ULTRALUX 300W-30D LED FLOOD LIGHT	2	0.000	36.570	15.000	5.365	17.547	0.000	37.2	(C 90, G IMax)	/
LED MAX sport ULTRALUX 300W-60D LED Flood Light	3	17.130	0.000	15.000	10.035	3.900	0.000	61.6	(C 90, G IMax)	/
LED MAX sport ULTRALUX 300W-60D LED Flood Light	4	17.130	36.570	15.000	10.035	32.670	0.000	61.6	(C 90, G IMax)	/



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Exterior Scene 1 / Sport Luminares (Coordinates List)

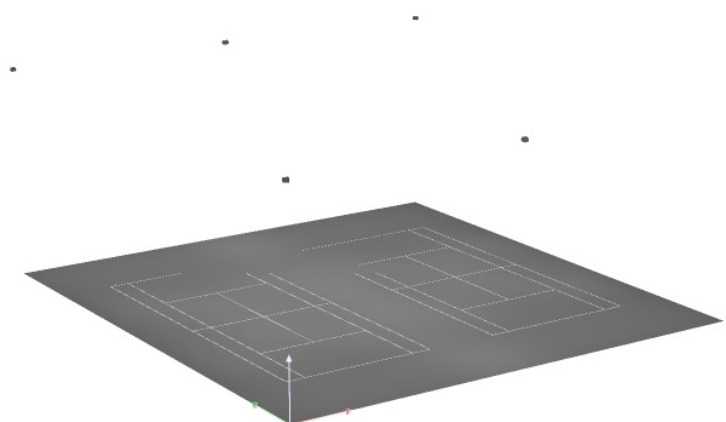
List of the Sport Luminares

Luminaire	Index	Position [m]			Aiming Point [m]			Angle [°]	Alignment	Pole
		X	Y	Z	X	Y	Z			
LED MAX sport ULTRALUX 300W-60D LED Flood Light	1	0.000	0.000	15.000	4.500	4.500	0.000	67.0	(C 90, G IMax)	/
LED MAX sport ULTRALUX 300W-60D LED Flood Light	2	0.000	36.570	15.000	4.500	32.070	0.000	67.0	(C 90, G IMax)	/
LED MAX sport ULTRALUX 300W-30D LED FLOOD LIGHT	3	17.130	0.000	15.000	11.900	18.800	0.000	37.5	(C 90, G IMax)	/
LED MAX sport ULTRALUX 300W-30D LED FLOOD LIGHT	4	17.130	36.570	15.000	11.900	17.770	0.000	37.5	(C 90, G IMax)	/
LED MAX sport ULTRALUX 300W-30D LED FLOOD LIGHT	5	34.260	0.000	15.000	29.700	19.647	0.000	36.6	(C 90, G IMax)	/
LED MAX sport ULTRALUX 300W-30D LED FLOOD LIGHT	6	34.260	36.570	15.000	29.700	16.923	0.000	36.6	(C 90, G IMax)	/
LED MAX sport ULTRALUX 300W-30D LED FLOOD LIGHT	3	17.130	0.000	15.000	21.690	19.647	0.000	36.6	(C 90, G IMax)	/
LED MAX sport ULTRALUX 300W-30D LED FLOOD LIGHT	4	17.130	36.570	15.000	21.690	16.923	0.000	36.6	(C 90, G IMax)	/
LED MAX sport ULTRALUX 300W-60D LED Flood Light	5	34.260	0.000	15.000	29.300	4.623	0.000	65.7	(C 90, G IMax)	/
LED MAX sport ULTRALUX 300W-60D LED Flood Light	6	34.260	36.570	15.000	29.300	31.947	0.000	65.7	(C 90, G IMax)	/
LED MAX sport ULTRALUX 300W-60D LED Flood Light	3	17.130	0.000	15.000	22.090	4.623	0.000	65.7	(C 90, G IMax)	/
LED MAX sport ULTRALUX 300W-60D LED Flood Light	4	17.130	36.570	15.000	22.090	31.947	0.000	65.7	(C 90, G IMax)	/



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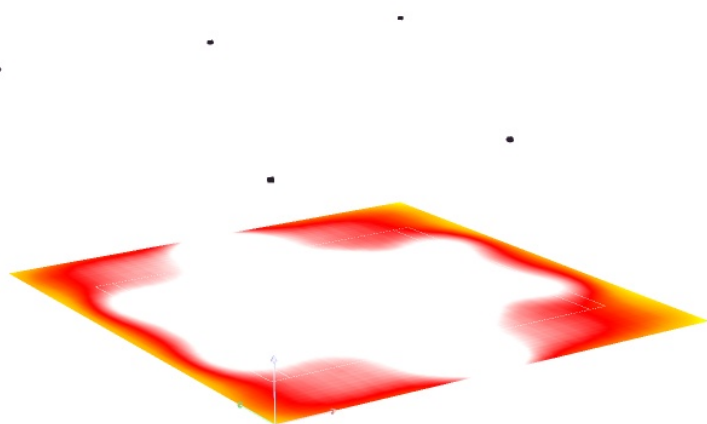
Exterior Scene 1 / 3D Rendering





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Exterior Scene 1 / False Color Rendering

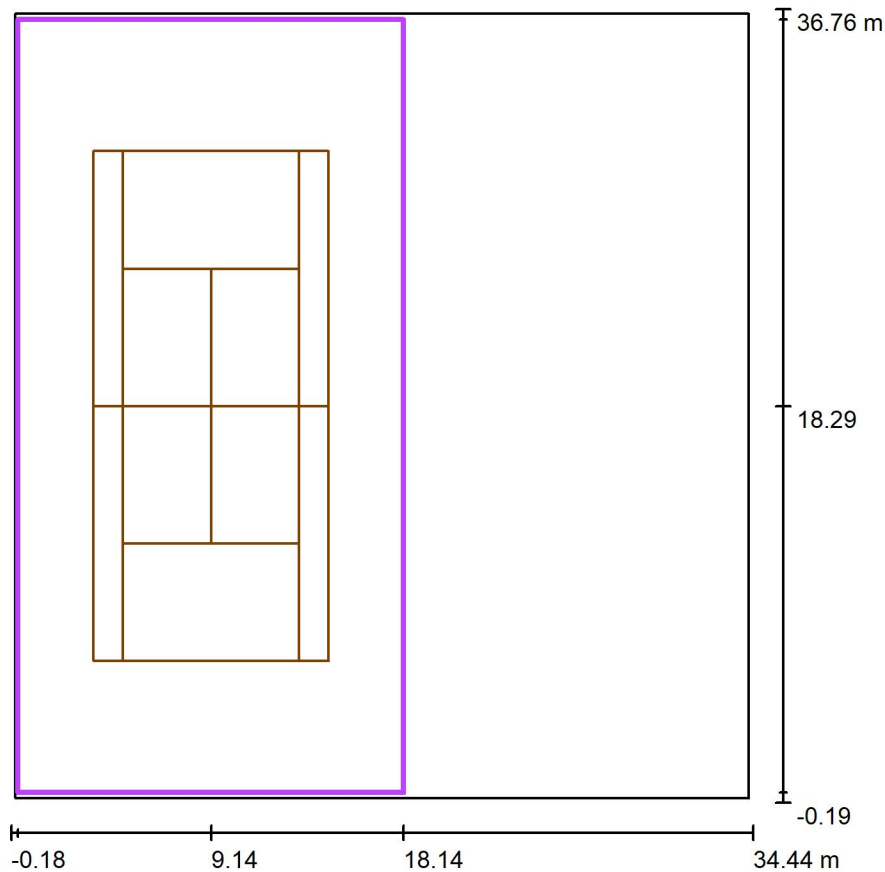


lx



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



Scale 1 : 353

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

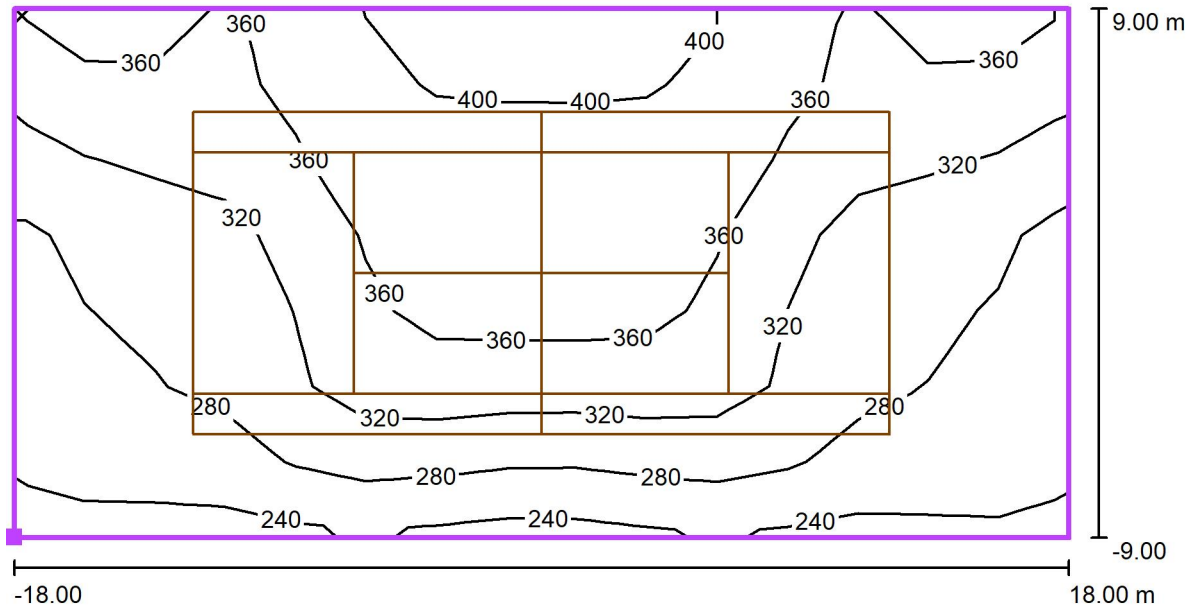
No.	Type	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}	$E_{h\ m} / E_m$	H [m]	Camera
1	perpendicular	325	238	417	0.73	0.57	/	0.000	/

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



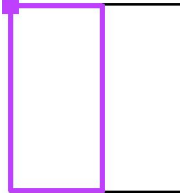
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Exterior Scene 1 / Tennis 1 Calculation Grid (PA) / Isolines (E, Perpendicular)



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]
325

E_{min} [lx]
238

E_{max} [lx]
417

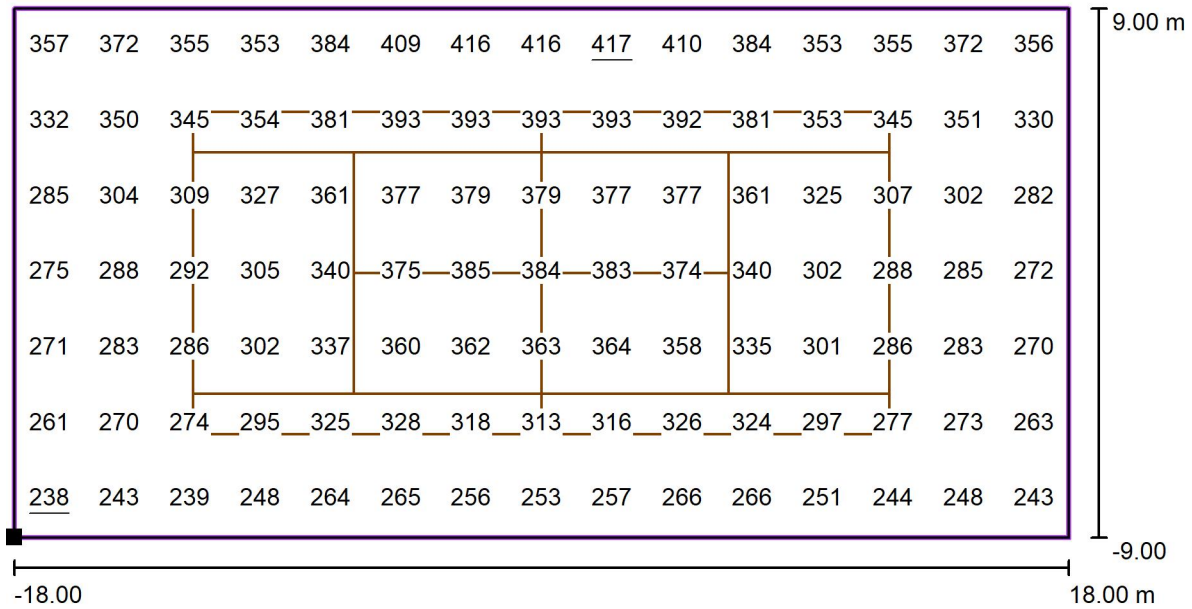
u_0
0.73

E_{min} / E_{max}
0.57



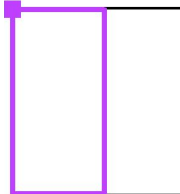
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Exterior Scene 1 / Tennis 1 Calculation Grid (PA) / Value Chart (E, Perpendicular)



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]
325

E_{min} [lx]
238

E_{max} [lx]
417

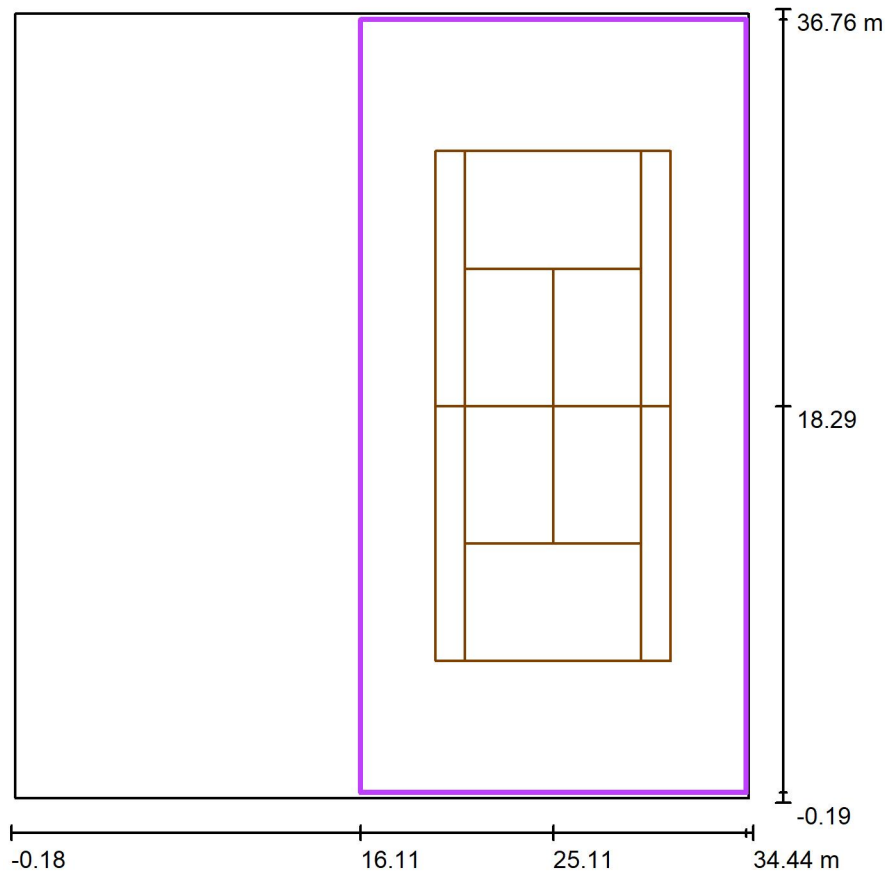
u_0
0.73

E_{min} / E_{max}
0.57



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



Scale 1 : 353

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

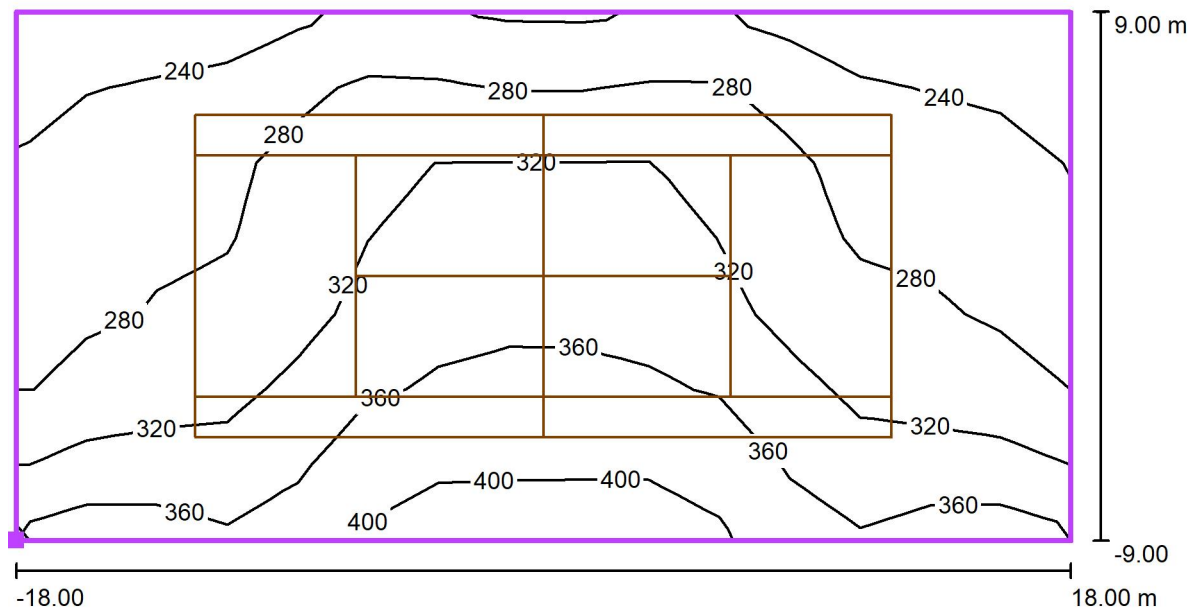
No.	Type	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}	$E_{h\ m} / E_m$	H [m]	Camera
1	perpendicular	308	219	413	0.71	0.53	/	0.000	/

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



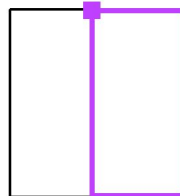
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Exterior Scene 1 / Tennis 1 Calculation Grid (PA) / Isolines (E, Perpendicular)



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]
308

E_{min} [lx]
219

E_{max} [lx]
413

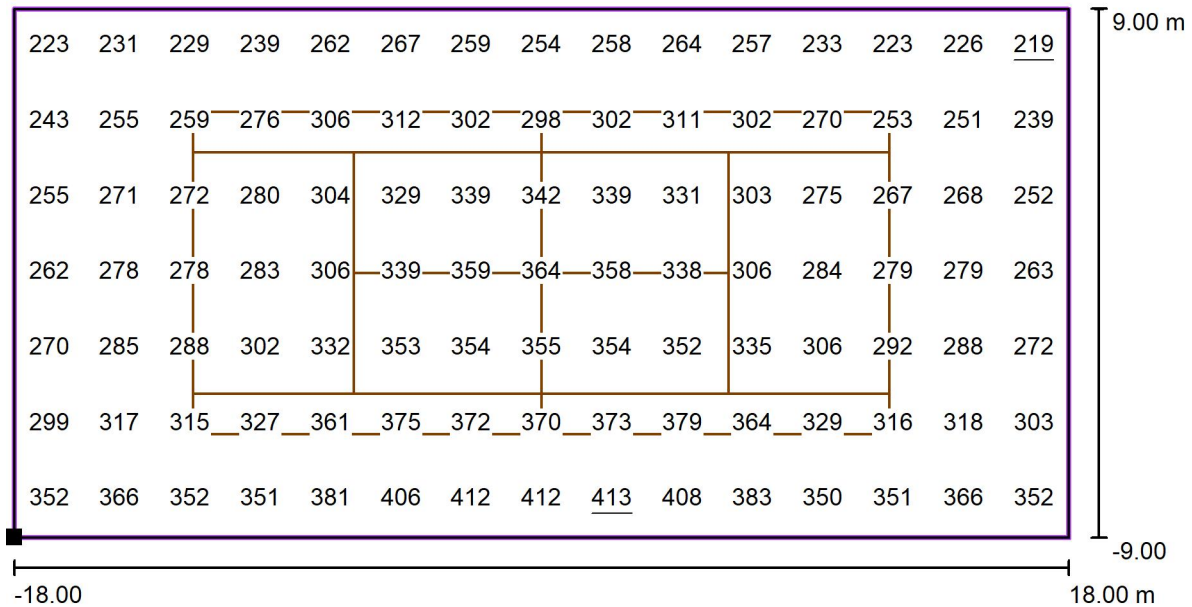
u_0
0.71

E_{min} / E_{max}
0.53



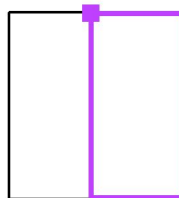
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Exterior Scene 1 / Tennis 1 Calculation Grid (PA) / Value Chart (E, Perpendicular)



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]
308

E_{min} [lx]
219

E_{max} [lx]
413

u_0
0.71

E_{min} / E_{max}
0.53