19.01.2023

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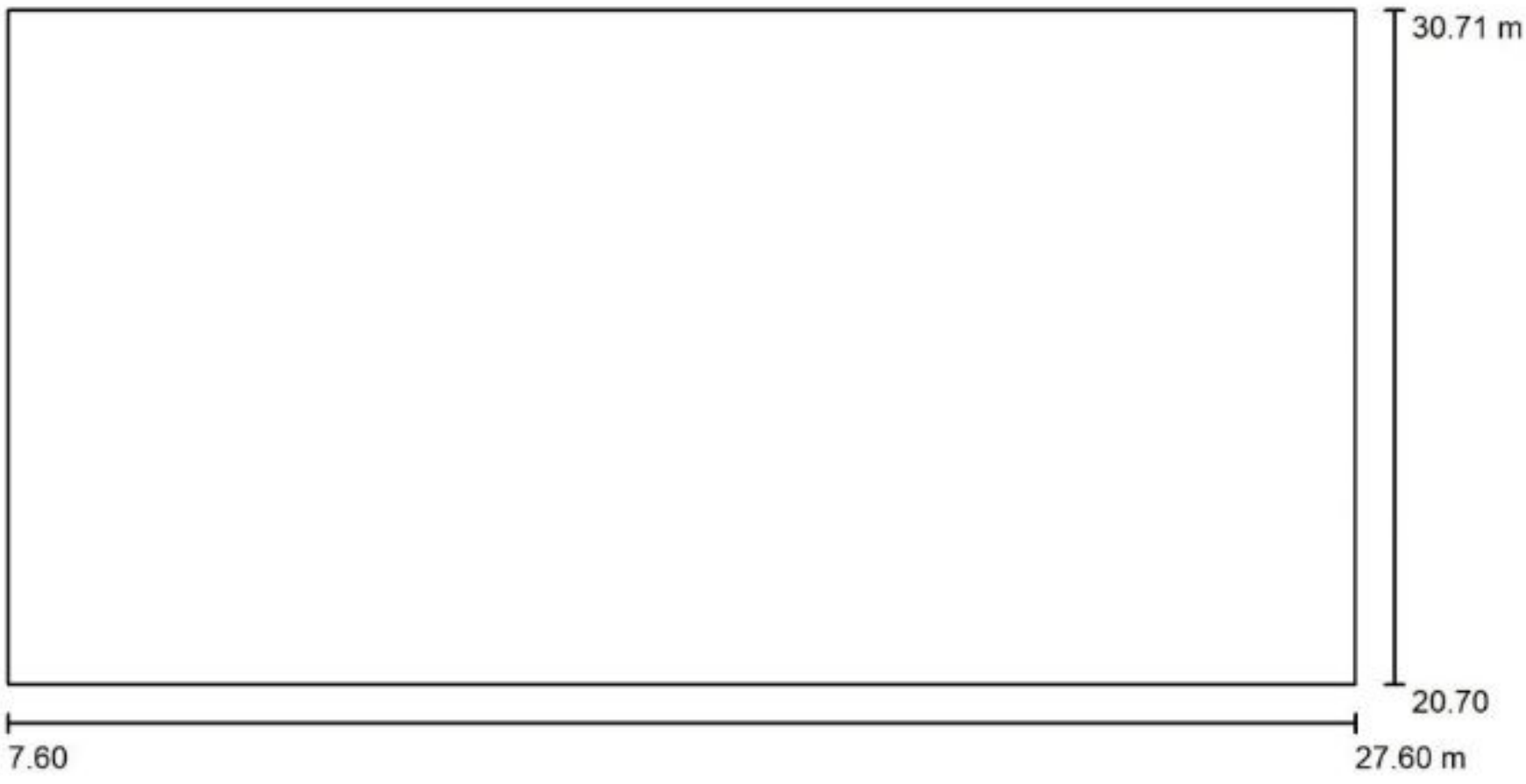
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PADEL / Planning data



Maintenance factor: 0.80, ULR (Upward Light Ratio): 1.0%

Scale 1:144

Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
1	8	F2144-200W-5700K (1.000)	25337	25338	199.9
			Total: 202693	Total: 202703	1599.2

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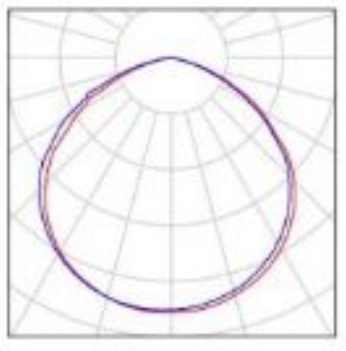
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PADEL / Luminaire parts list

8 Pieces F2144-200W-5700K
Article No.:
Luminous flux (Luminaire): 25337 lm
Luminous flux (Lamps): 25338 lm
Luminaire Wattage: 199.9 W
Luminaire classification according to CIE: 100
CIE flux code: 50 83 98 100 100
Fitting: 1 x User defined (Correction Factor 1.000).

See our luminaire catalog for an image of the luminaire.

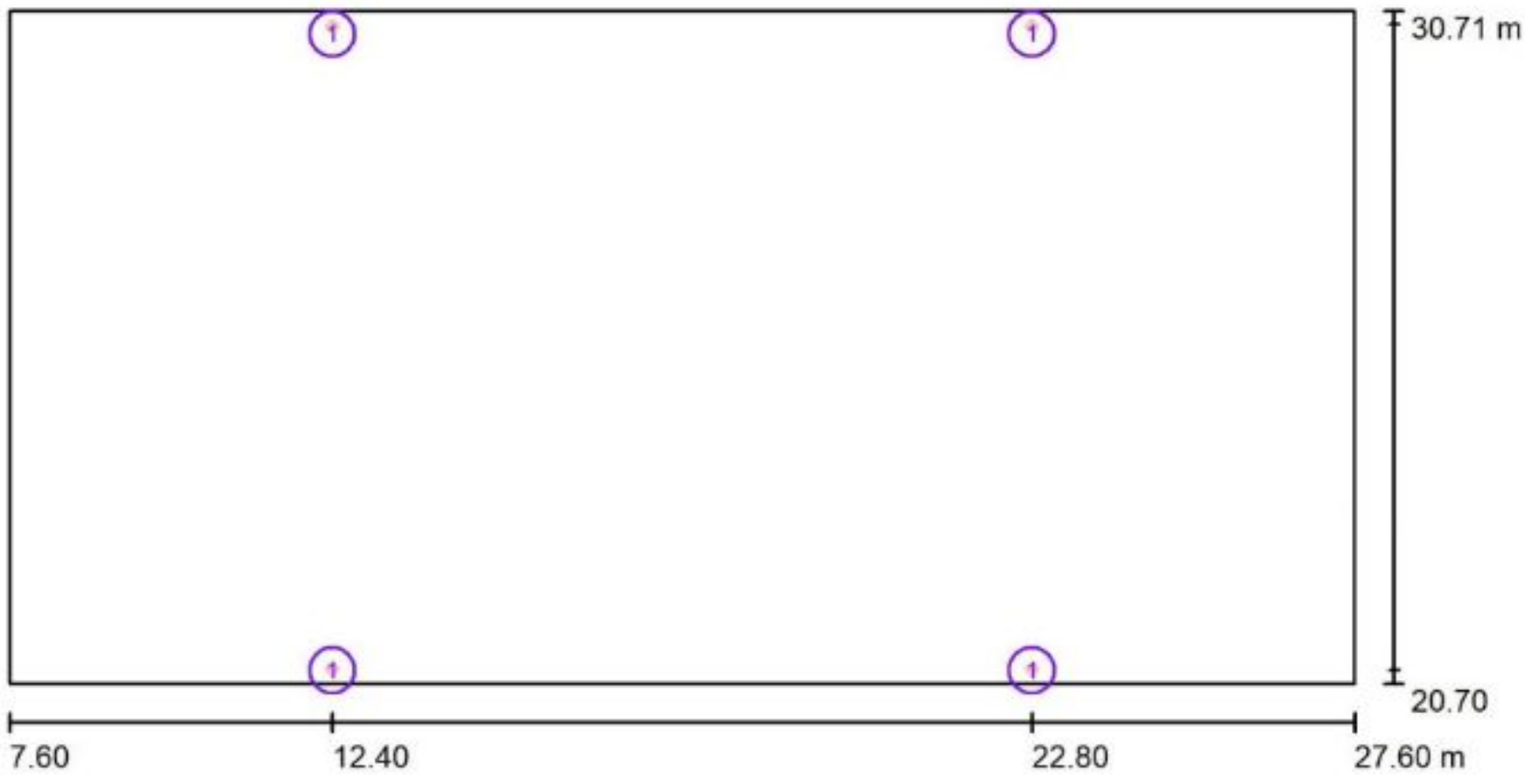


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PADEL / Luminaires (layout plan)



Scale 1 : 144

Luminaire Parts List

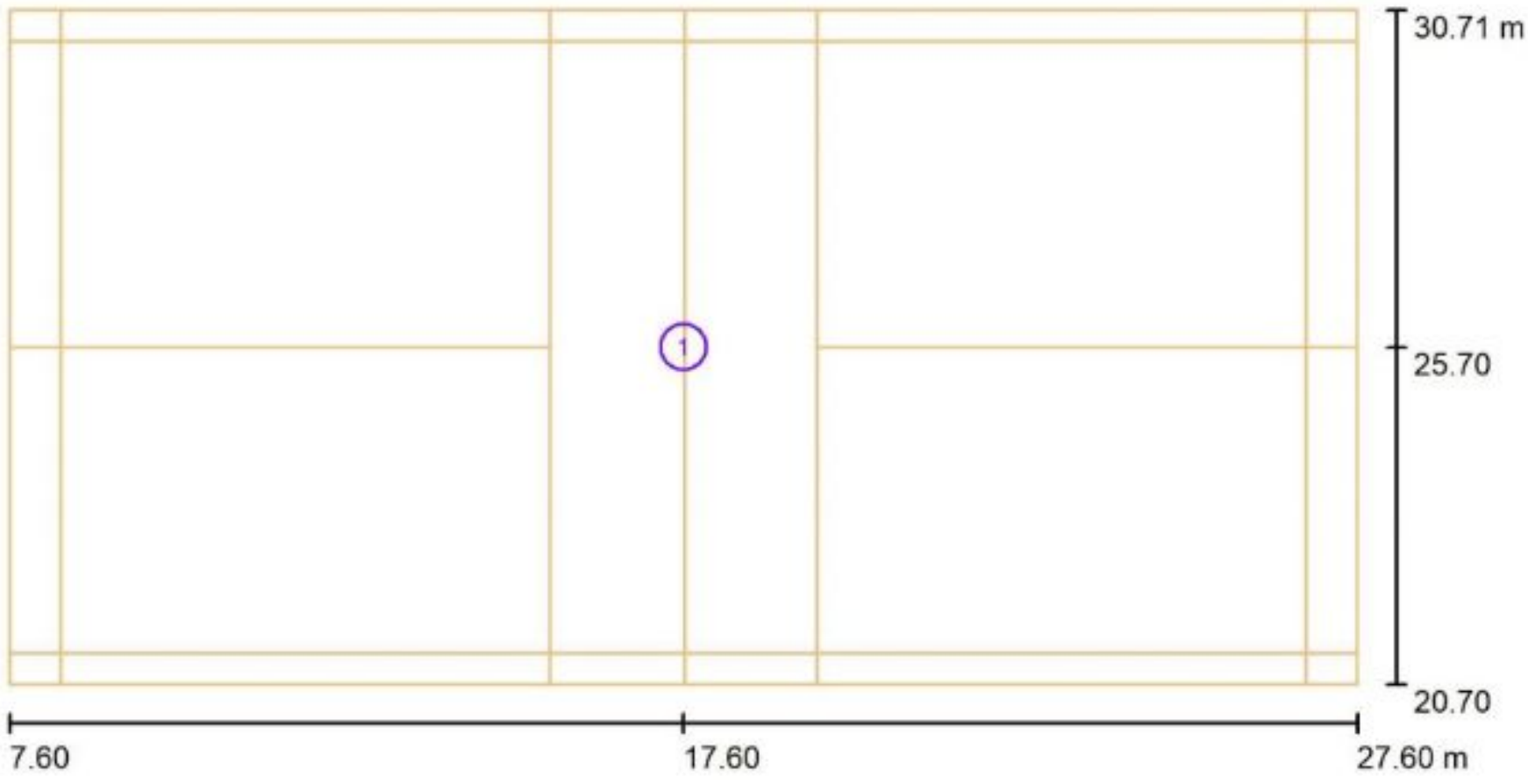
No.	Pieces	Designation
1	8	F2144-200W-5700K

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PADEL / Sport Sites (layout plan)



Scale 1 : 144

Sport Site Parts List

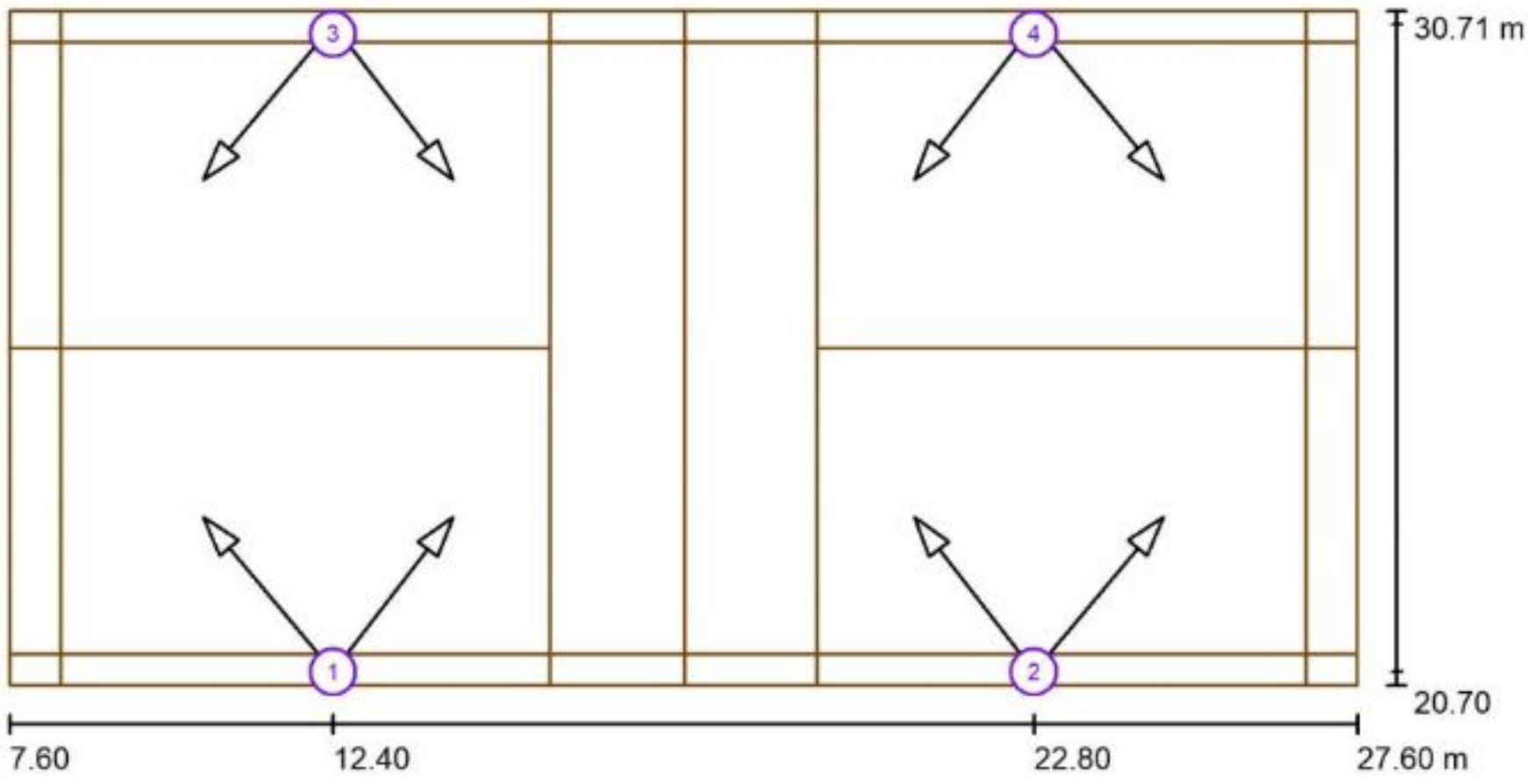
No.	Pieces	Designation
1	1	Badminton

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PADEL / Sport Luminaires (Coordinates List)



Scale 1 : 144

List of the Sport Luminaires

Luminaire	Index	Position [m] X	Y	Z	Aiming Point [m] X	Y	Z	Angle [°]	Alignment	Pole
F2144-200W-5700K	1	12.400	20.900	6.000	10.475	23.200	0.000	63.4	(C 90, G IMax)	/
F2144-200W-5700K	1	12.400	20.900	6.000	14.174	23.200	0.000	64.2	(C 90, G IMax)	/
F2144-200W-5700K	2	22.800	20.900	6.000	24.725	23.200	0.000	63.4	(C 90, G IMax)	/
F2144-200W-5700K	2	22.800	20.900	6.000	21.026	23.200	0.000	64.2	(C 90, G IMax)	/

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PADEL / Sport Luminaires (Coordinates List)

List of the Sport Luminaires

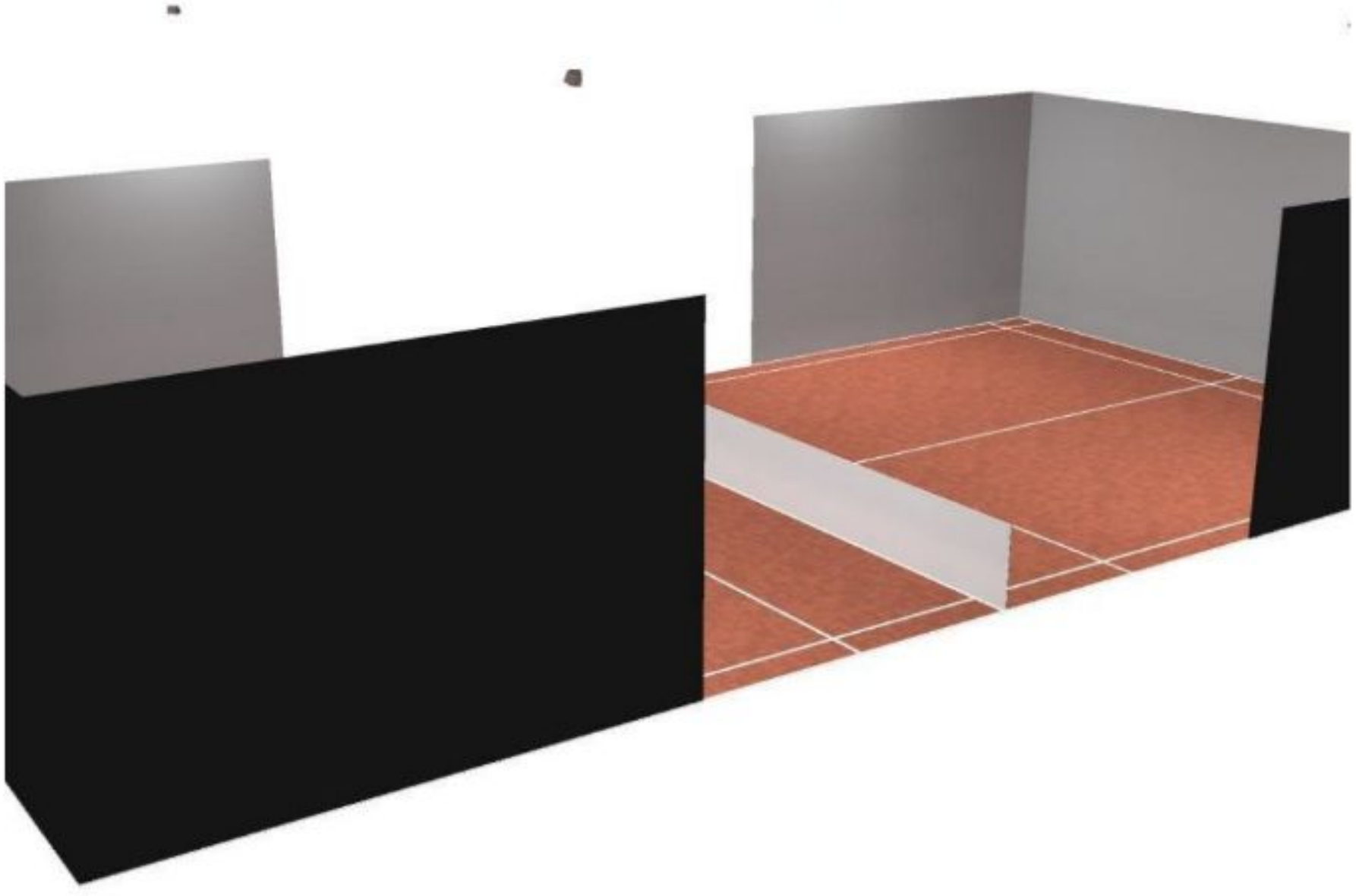
Luminaire	Index	Position [m]			Aiming Point [m]			Angle [°]	Alignment	Pole
		X	Y	Z	X	Y	Z			
F2144-200W-5700K	3	12.400	30.500	6.000	10.475	28.200	0.000	63.4	(C 90, G IMax)	/
F2144-200W-5700K	3	12.400	30.500	6.000	14.174	28.200	0.000	64.2	(C 90, G IMax)	/
F2144-200W-5700K	4	22.800	30.500	6.000	24.725	28.200	0.000	63.4	(C 90, G IMax)	/
F2144-200W-5700K	4	22.800	30.500	6.000	21.026	28.200	0.000	64.2	(C 90, G IMax)	/

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PADEL / 3D Rendering

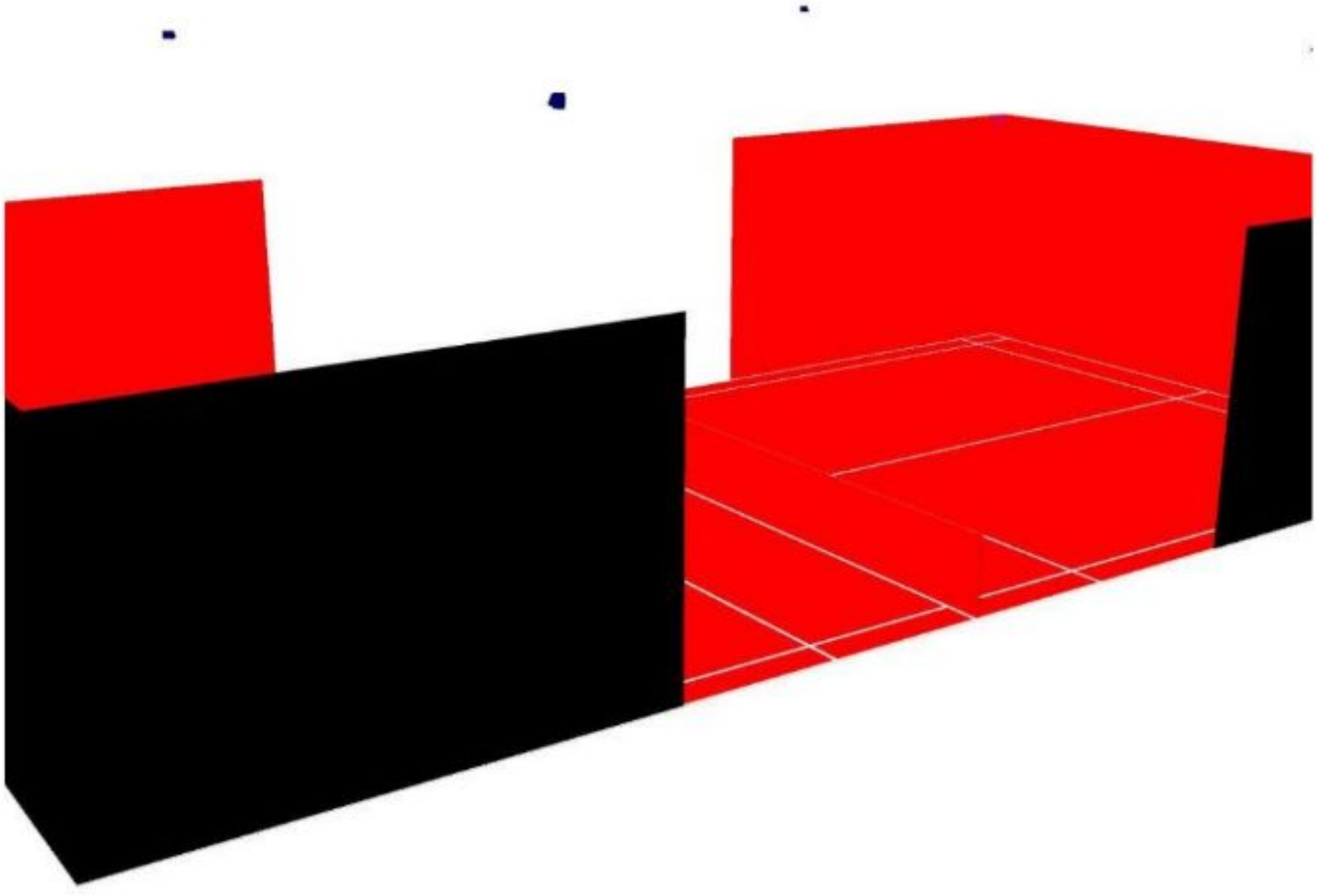


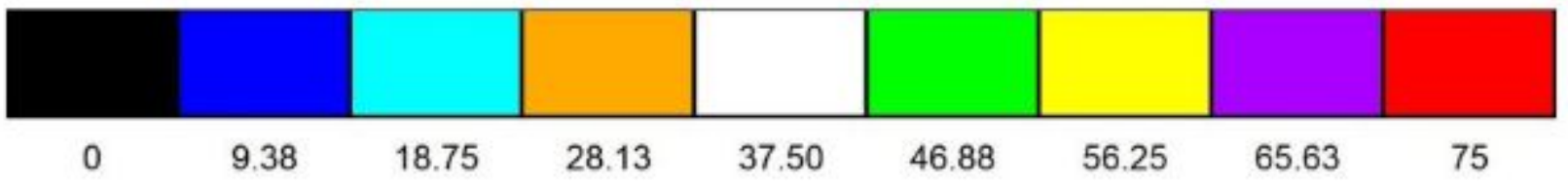
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PADEL / False Colour Rendering



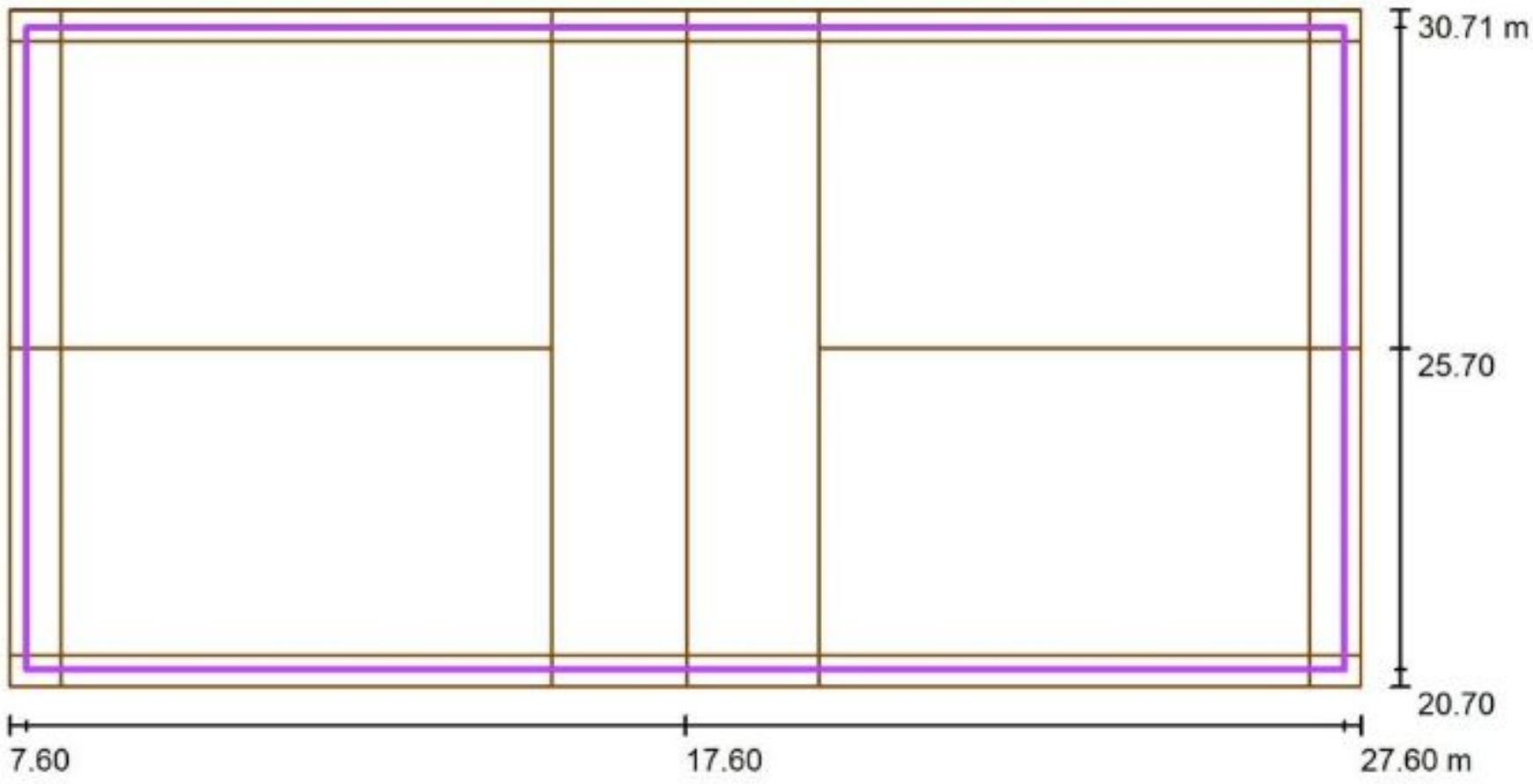


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PADEL / Trama de cálculo 2 / Summary



Scale 1 : 144

Position: (17.600 m, 25.700 m, 0.000 m)
Size: (19.500 m, 9.500 m)
Rotation: (0.0°, 0.0°, 0.0°)
Type: Normal, Grid: 13 x 7 Points
Belongs to the following sport arena: padel

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	365	246	483	0.67	0.51	/	0.000	/

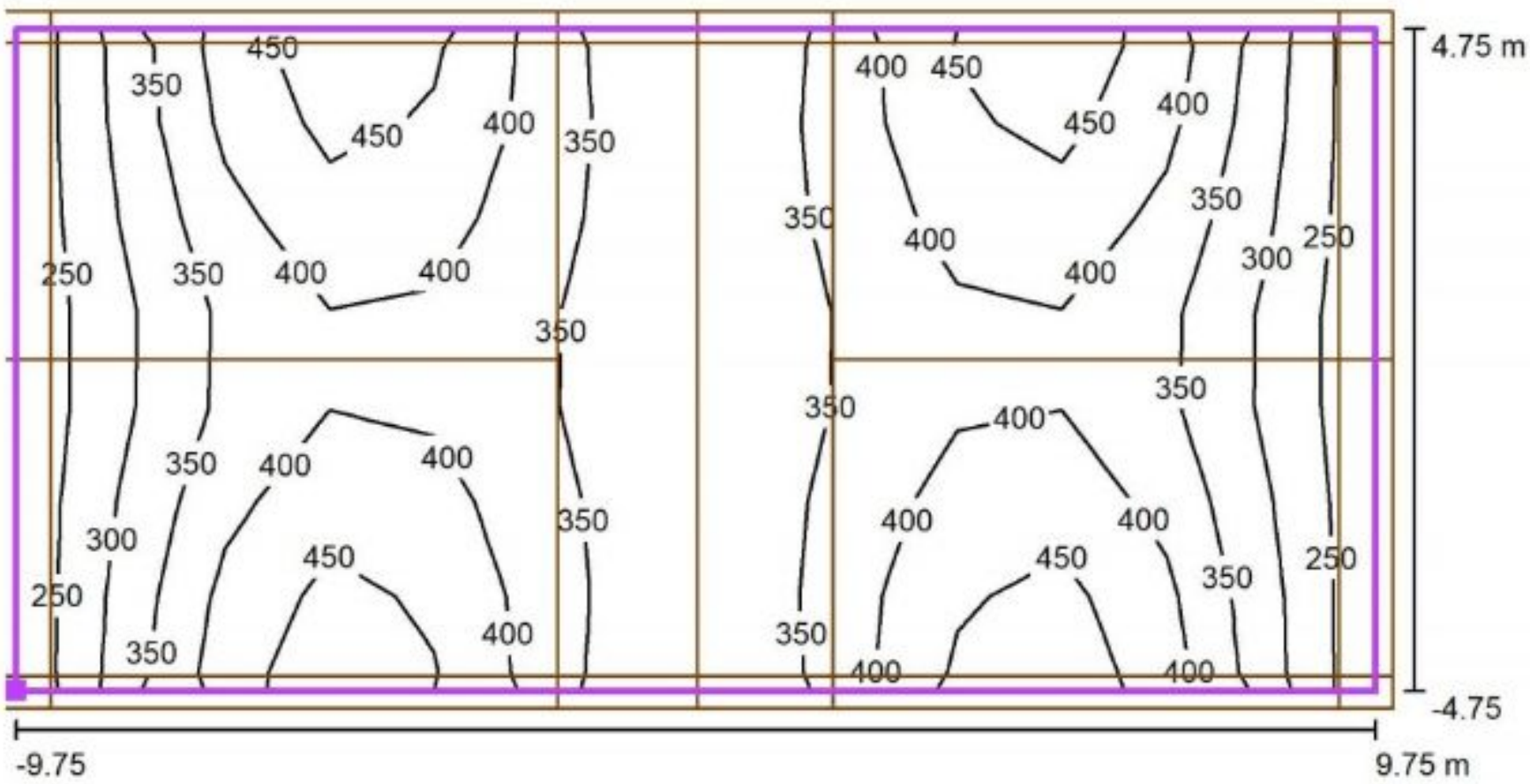
$E_{h\,m}/E_m$ = Relationship between middle horizontal and vertical illuminance, H = Measuring Height

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PADEL / Trama de cálculo 2 / Isolines (E, Perpendicular)



Values in Lux, Scale 1 : 140

Position of surface in external scene:
Marked point: (7.850 m, 20.950 m, 0.000 m)



Grid: 13 x 7 Points

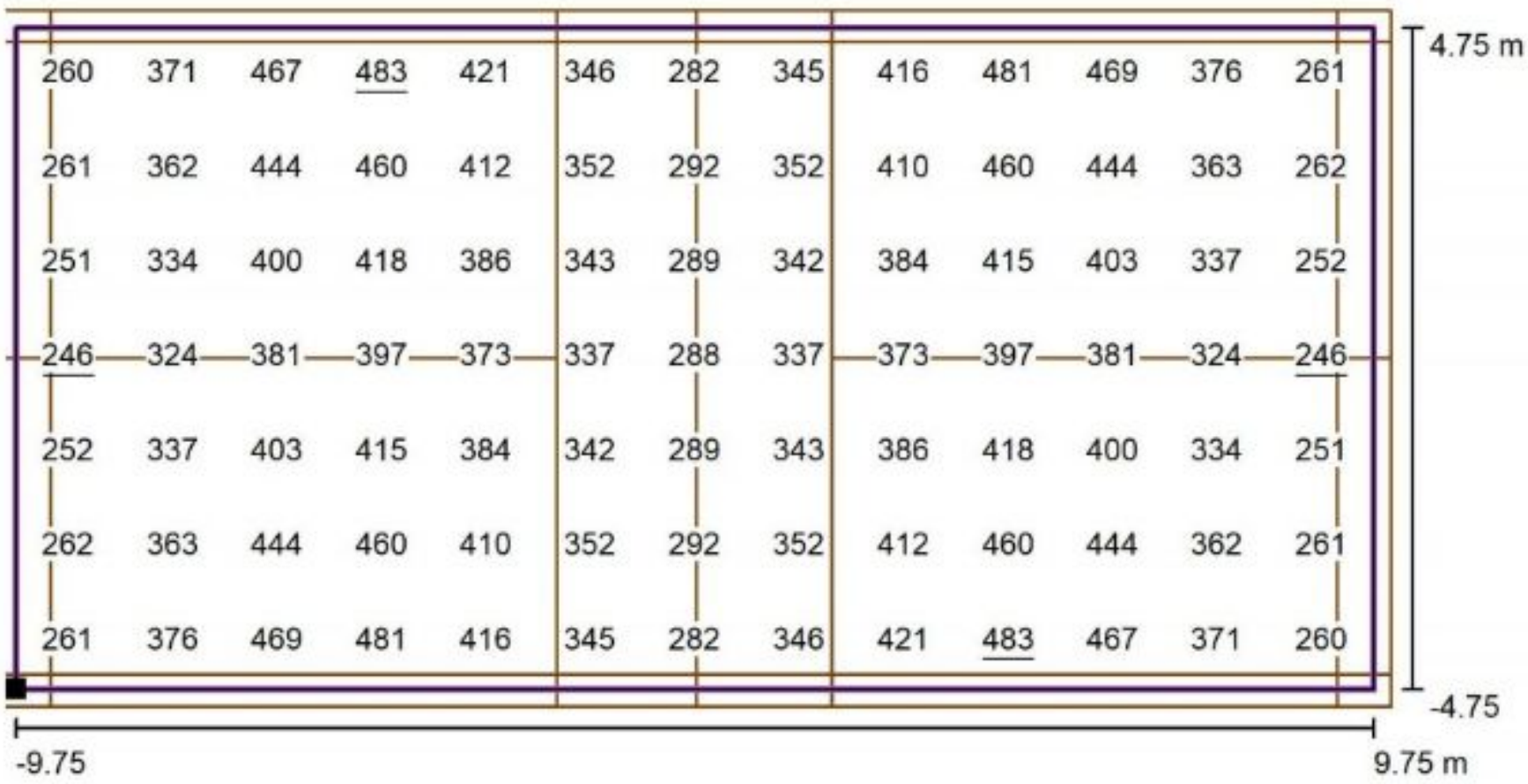
E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
365	246	483	0.67	0.51

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PADEL / Trama de cálculo 2 / Value Chart (E, Perpendicular)



Values in Lux, Scale 1 : 140

Position of surface in external scene:
Marked point: (7.850 m, 20.950 m, 0.000 m)



Grid: 13 x 7 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
365	246	483	0.67	0.51

Escaneado con CamScanner