

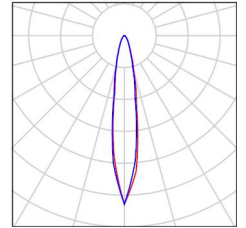


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football field / Luminaire parts list

64 Pieces FL500J 15D
Article No.:
Luminous flux (Luminaire): 66417 lm
Luminous flux (Lamps): 67027 lm
Luminaire Wattage: 500.2 W
Luminaire classification according to CIE: 100
CIE flux code: 89 97 99 100 100
Fitting: 1 x LED (Correction Factor 1.000).

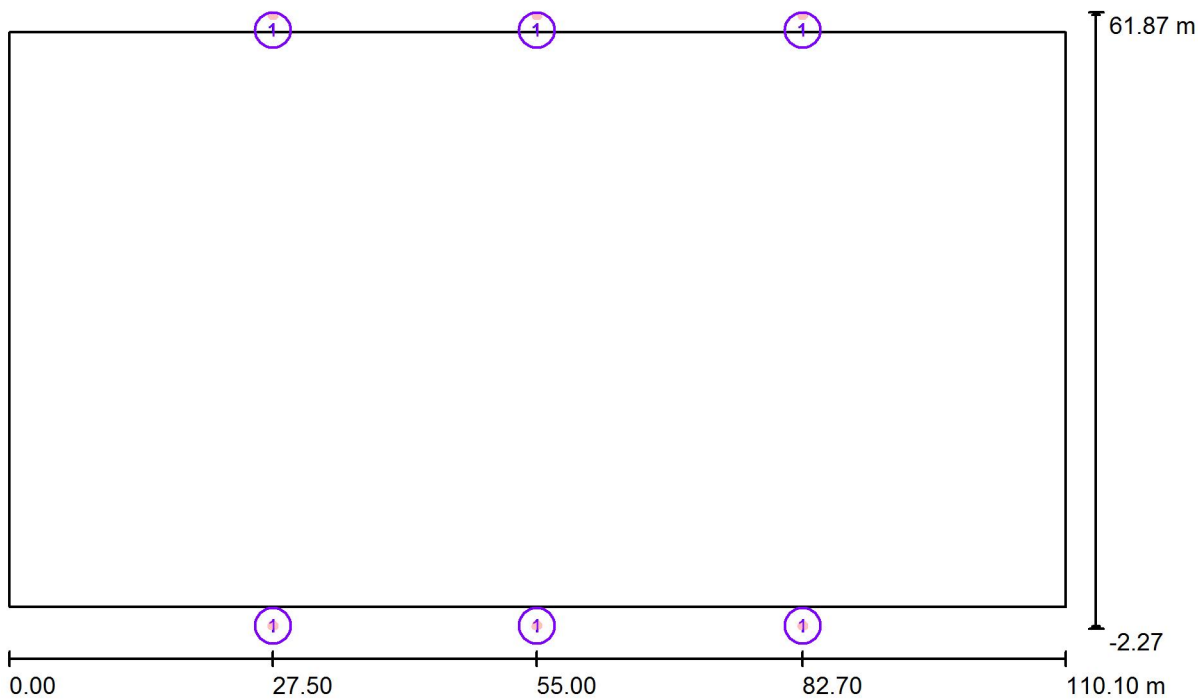
See our luminaire
catalog for an image of
the luminaire.





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football field / Luminaires (layout plan)



Scale 1 : 788

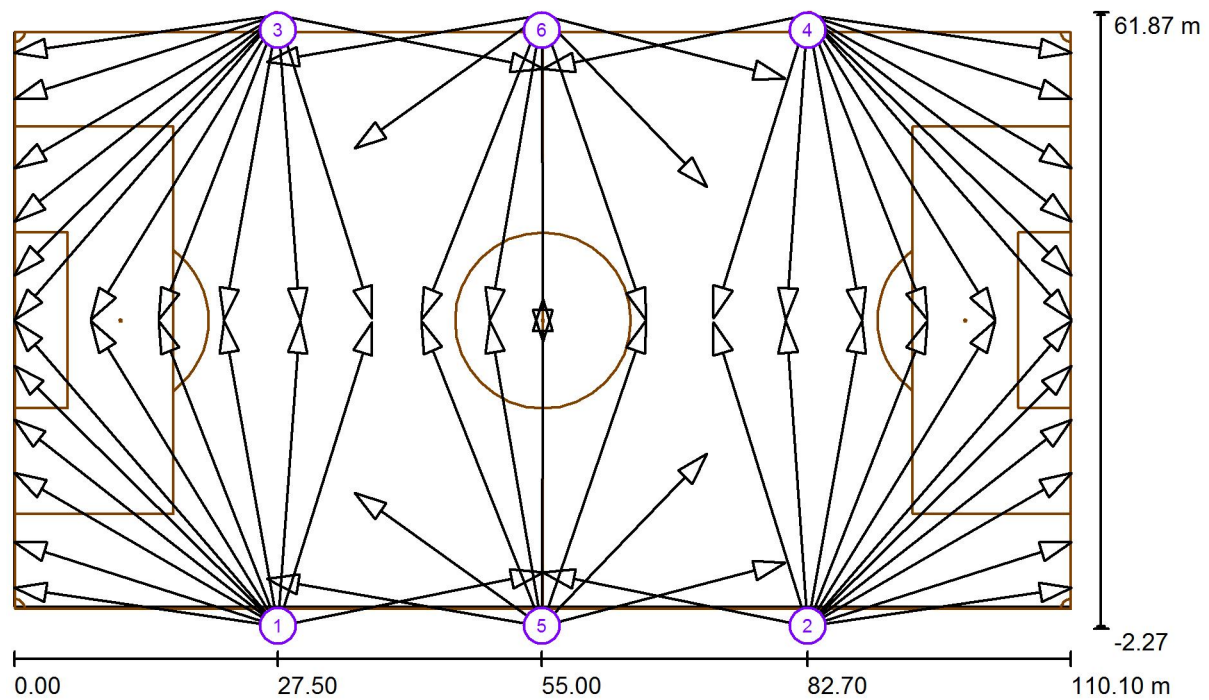
Luminaire Parts List

No.	Pieces	Designation
1	64	FL500J 15D



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football field / Sport Luminaires (Coordinates List)



Scale 1 : 788

List of the Sport Luminaires

Luminaire	Index	Position [m]			Aiming Point [m]			Angle [°]	Alignment	Pole
		X	Y	Z	X	Y	Z			
FL500J 15D	1	27.500	-2.000	12.352	37.310	29.600	0.000	20.5	(C 90, G IMax)	/
FL500J 15D	1	27.500	-2.000	12.352	0.000	13.943	0.000	21.2	(C 90, G IMax)	/
FL500J 15D	1	27.500	-2.000	12.352	0.000	1.975	0.000	24.0	(C 90, G IMax)	/
FL500J 15D	1	27.500	-2.000	12.352	15.065	29.747	0.000	19.9	(C 90, G IMax)	/

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football field / 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			
FL500J 15D	1	27.500	-2.000	12.352	0.000	6.748	0.000	23.2	(C 90, G IMax)	/
FL500J 15D	1	27.500	-2.000	12.352	7.976	29.747	0.000	18.3	(C 90, G IMax)	/
FL500J 15D	1	27.500	-2.000	12.352	0.000	19.483	0.000	19.5	(C 90, G IMax)	/
FL500J 15D	1	27.500	-2.000	12.352	29.784	29.747	0.000	21.2	(C 90, G IMax)	/
FL500J 15D	1	27.500	-2.000	12.352	21.846	29.747	0.000	21.0	(C 90, G IMax)	/
FL500J 15D	1	27.500	-2.000	12.352	0.000	29.747	0.000	16.4	(C 90, G IMax)	/
FL500J 15D	1	27.500	-2.000	12.352	55.100	3.606	0.000	23.7	(C 90, G IMax)	/
FL500J 15D	1	27.500	-2.000	12.352	0.000	25.107	0.000	17.7	(C 90, G IMax)	/
FL500J 15D	2	82.700	-2.000	12.352	72.890	29.600	0.000	20.5	(C 90, G IMax)	/
FL500J 15D	2	82.700	-2.000	12.352	110.200	13.943	0.000	21.2	(C 90, G IMax)	/
FL500J 15D	2	82.700	-2.000	12.352	110.200	1.975	0.000	24.0	(C 90, G IMax)	/
FL500J 15D	2	82.700	-2.000	12.352	95.135	29.747	0.000	19.9	(C 90, G IMax)	/
FL500J 15D	2	82.700	-2.000	12.352	110.200	6.748	0.000	23.2	(C 90, G IMax)	/
FL500J 15D	2	82.700	-2.000	12.352	102.224	29.747	0.000	18.3	(C 90, G IMax)	/
FL500J 15D	2	82.700	-2.000	12.352	110.200	19.483	0.000	19.5	(C 90, G IMax)	/
FL500J 15D	2	82.700	-2.000	12.352	80.416	29.747	0.000	21.2	(C 90, G IMax)	/
FL500J 15D	2	82.700	-2.000	12.352	88.354	29.747	0.000	21.0	(C 90, G IMax)	/
FL500J 15D	2	82.700	-2.000	12.352	110.200	29.747	0.000	16.4	(C 90, G IMax)	/
FL500J 15D	2	82.700	-2.000	12.352	55.100	3.606	0.000	23.7	(C 90, G IMax)	/
FL500J 15D	2	82.700	-2.000	12.352	110.200	25.107	0.000	17.7	(C 90, G IMax)	/
FL500J 15D	3	27.500	61.600	12.352	37.310	30.000	0.000	20.5	(C 90, G IMax)	/
FL500J 15D	3	27.500	61.600	12.352	0.000	45.657	0.000	21.2	(C 90, G IMax)	/
FL500J 15D	3	27.500	61.600	12.352	0.000	57.625	0.000	24.0	(C 90, G IMax)	/
FL500J 15D	3	27.500	61.600	12.352	15.065	29.853	0.000	19.9	(C 90, G IMax)	/
FL500J 15D	3	27.500	61.600	12.352	0.000	52.852	0.000	23.2	(C 90, G IMax)	/
FL500J 15D	3	27.500	61.600	12.352	7.976	29.853	0.000	18.3	(C 90, G IMax)	/
FL500J 15D	3	27.500	61.600	12.352	0.000	40.117	0.000	19.5	(C 90, G IMax)	/
FL500J 15D	3	27.500	61.600	12.352	29.784	29.853	0.000	21.2	(C 90, G IMax)	/
FL500J 15D	3	27.500	61.600	12.352	21.846	29.853	0.000	21.0	(C 90, G IMax)	/
FL500J 15D	3	27.500	61.600	12.352	0.000	29.853	0.000	16.4	(C 90, G IMax)	/
FL500J 15D	3	27.500	61.600	12.352	55.100	55.994	0.000	23.7	(C 90, G IMax)	/
FL500J 15D	3	27.500	61.600	12.352	0.000	34.493	0.000	17.7	(C 90, G IMax)	/
FL500J 15D	4	82.700	61.600	12.352	72.890	30.000	0.000	20.5	(C 90, G IMax)	/
FL500J 15D	4	82.700	61.600	12.352	110.200	45.657	0.000	21.2	(C 90, G IMax)	/
FL500J 15D	4	82.700	61.600	12.352	110.200	57.625	0.000	24.0	(C 90, G IMax)	/
FL500J 15D	4	82.700	61.600	12.352	95.135	29.853	0.000	19.9	(C 90, G IMax)	/



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football field / Sport Luminares (Coordinates List)

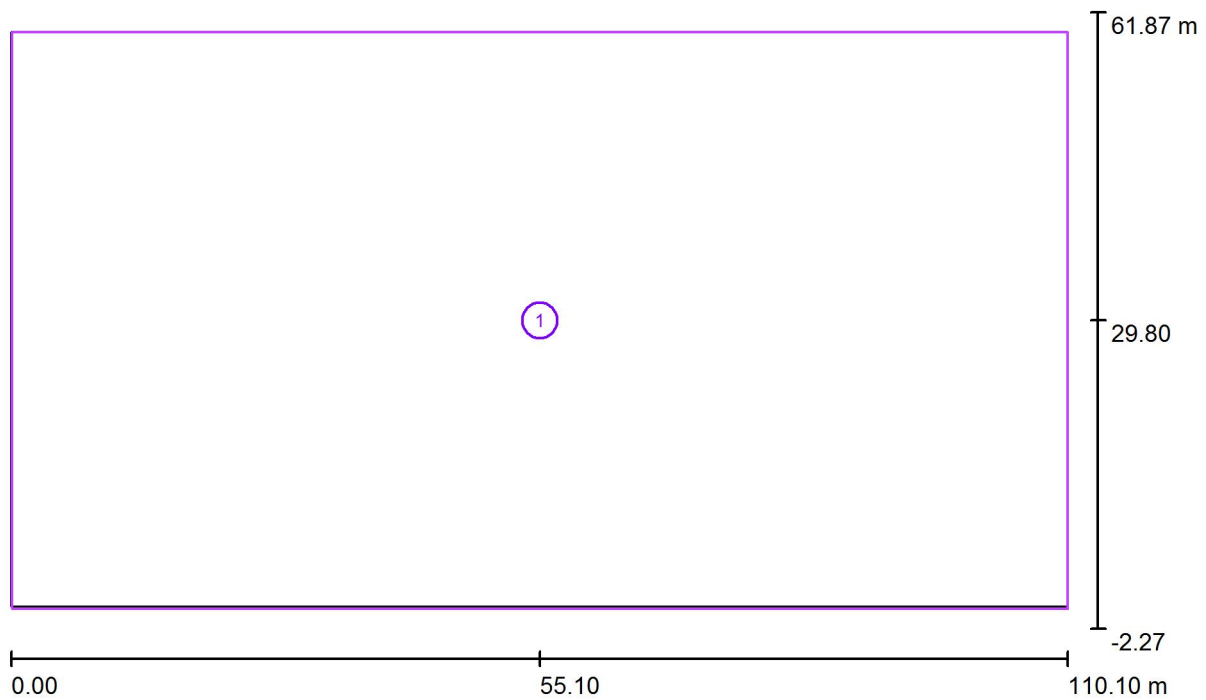
List of the Sport Luminares

Luminaire	Index	Position [m]			Aiming Point [m]			Angle [°]	Alignment	Pole
		X	Y	Z	X	Y	Z			
FL500J 15D	4	82.700	61.600	12.352	110.200	52.852	0.000	23.2	(C 90, G IMax)	/
FL500J 15D	4	82.700	61.600	12.352	102.224	29.853	0.000	18.3	(C 90, G IMax)	/
FL500J 15D	4	82.700	61.600	12.352	110.200	40.117	0.000	19.5	(C 90, G IMax)	/
FL500J 15D	4	82.700	61.600	12.352	80.416	29.853	0.000	21.2	(C 90, G IMax)	/
FL500J 15D	4	82.700	61.600	12.352	88.354	29.853	0.000	21.0	(C 90, G IMax)	/
FL500J 15D	4	82.700	61.600	12.352	110.200	29.853	0.000	16.4	(C 90, G IMax)	/
FL500J 15D	4	82.700	61.600	12.352	55.100	55.994	0.000	23.7	(C 90, G IMax)	/
FL500J 15D	4	82.700	61.600	12.352	110.200	34.493	0.000	17.7	(C 90, G IMax)	/
FL500J 15D	5	55.000	-2.000	12.352	55.100	32.000	0.000	20.0	(C 90, G IMax)	/
FL500J 15D	5	55.000	-2.000	12.352	80.366	4.598	0.000	25.2	(C 90, G IMax)	/
FL500J 15D	5	55.000	-2.000	12.352	26.311	2.900	0.000	23.0	(C 90, G IMax)	/
FL500J 15D	5	55.000	-2.000	12.352	42.437	29.747	0.000	19.9	(C 90, G IMax)	/
FL500J 15D	5	55.000	-2.000	12.352	35.500	11.886	0.000	27.3	(C 90, G IMax)	/
FL500J 15D	5	55.000	-2.000	12.352	49.549	29.747	0.000	21.0	(C 90, G IMax)	/
FL500J 15D	5	55.000	-2.000	12.352	72.200	15.900	0.000	26.5	(C 90, G IMax)	/
FL500J 15D	5	55.000	-2.000	12.352	65.840	29.800	0.000	20.2	(C 90, G IMax)	/
FL500J 15D	6	55.000	61.600	12.352	55.100	27.600	0.000	20.0	(C 90, G IMax)	/
FL500J 15D	6	55.000	61.600	12.352	80.366	55.002	0.000	25.2	(C 90, G IMax)	/
FL500J 15D	6	55.000	61.600	12.352	26.311	56.700	0.000	23.0	(C 90, G IMax)	/
FL500J 15D	6	55.000	61.600	12.352	42.437	29.853	0.000	19.9	(C 90, G IMax)	/
FL500J 15D	6	55.000	61.600	12.352	35.500	47.714	0.000	27.3	(C 90, G IMax)	/
FL500J 15D	6	55.000	61.600	12.352	49.549	29.853	0.000	21.0	(C 90, G IMax)	/
FL500J 15D	6	55.000	61.600	12.352	72.200	43.700	0.000	26.5	(C 90, G IMax)	/
FL500J 15D	6	55.000	61.600	12.352	65.840	29.800	0.000	20.2	(C 90, G IMax)	/



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football field / Calculation Grid (Coordinates List)



Scale 1 : 788

List of the Calculation Grids

No.	Designation	Position [m]			Size [m]		Rotation [°]		
		X	Y	Z	L	W	X	Y	Z
1	football field(TA)	55.100	29.800	0.000	110.000	60.000	0.0	0.0	0.0



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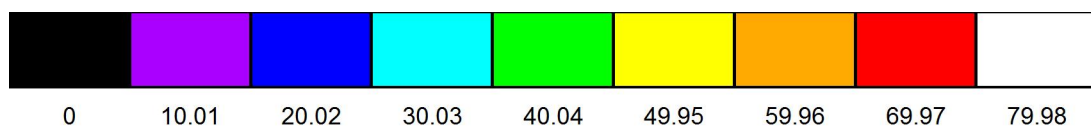
football field / 3D Rendering





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football field / False Color Rendering

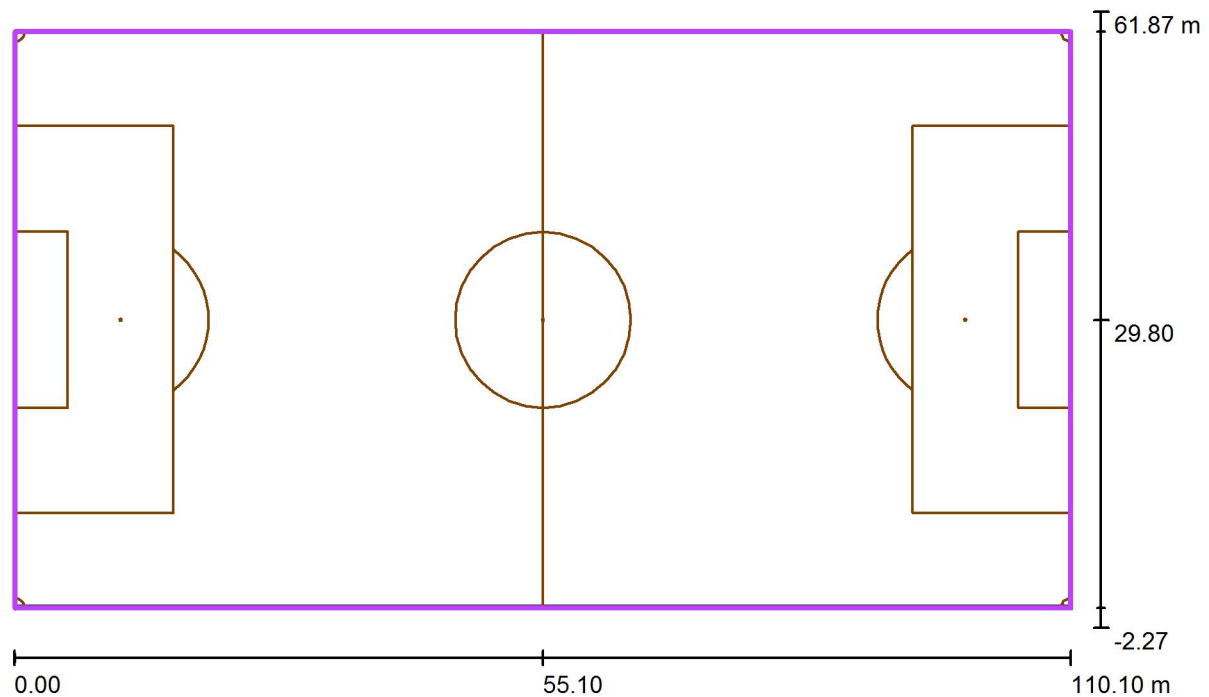


lx



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football field / football field(TA) / Summary



Scale 1 : 788

Position: (55.100 m, 29.800 m, 0.000 m)
Size: (110.000 m, 60.000 m)
Rotation: (0.0°, 0.0°, 0.0°)
Type: Normal, Grid: 21 x 11 Points
Belongs to the following sport arena: football field

Results overview

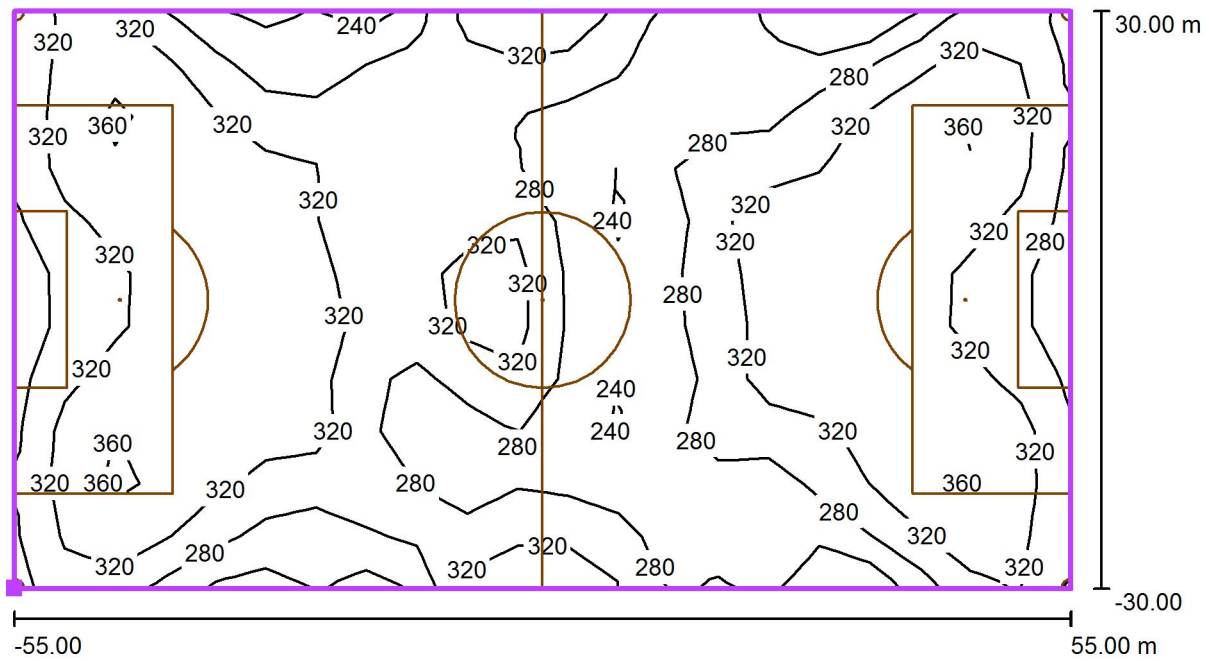
No.	Type	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	$u0$	E_{min} / E_{max}	$E_{h\ m} / E_m$	H [m]	Camera
1	perpendicular	304	209	374	0.69	0.56	/	0.000	/

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



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football field / football field(TA) / Isolines (E, Perpendicular)



Values in Lux, Scale 1 : 787

Position of surface in external scene:
Marked point: (0.100 m, -0.200 m,
0.000 m)



Grid: 21 x 11 Points

E_{av} [lx]
304

E_{min} [lx]
209

E_{max} [lx]
374

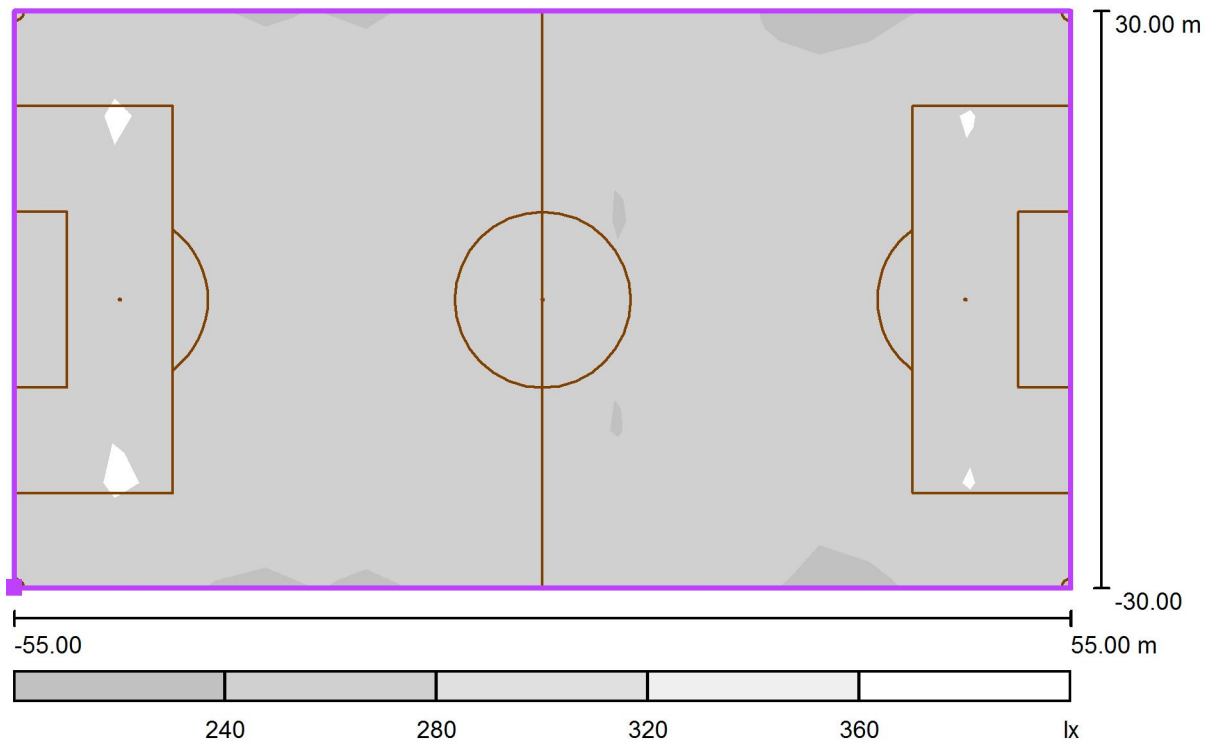
u_0
0.69

E_{min} / E_{max}
0.56



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football field / football field(TA) / Greyscale (E, Perpendicular)



Scale 1 : 787

Position of surface in external scene:
Marked point: (0.100 m, -0.200 m,
0.000 m)



Grid: 21 x 11 Points

E_{av} [lx]
304

E_{min} [lx]
209

E_{max} [lx]
374

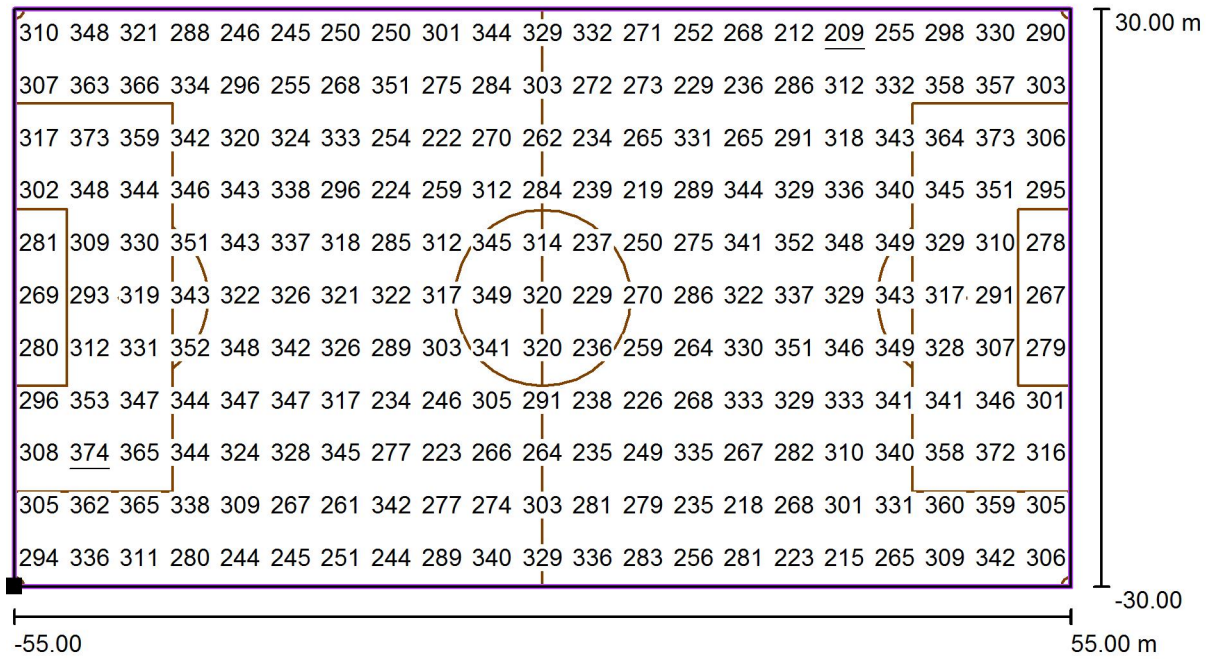
u_0
0.69

E_{min} / E_{max}
0.56



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football field / football field(TA) / Value Chart (E, Perpendicular)



Values in Lux, Scale 1 : 787

Position of surface in external scene:
Marked point: (0.100 m, -0.200 m,
0.000 m)



Grid: 21 x 11 Points

E_{av} [lx]
304

E_{min} [lx]
209

E_{max} [lx]
374

u_0
0.69

E_{min} / E_{max}
0.56