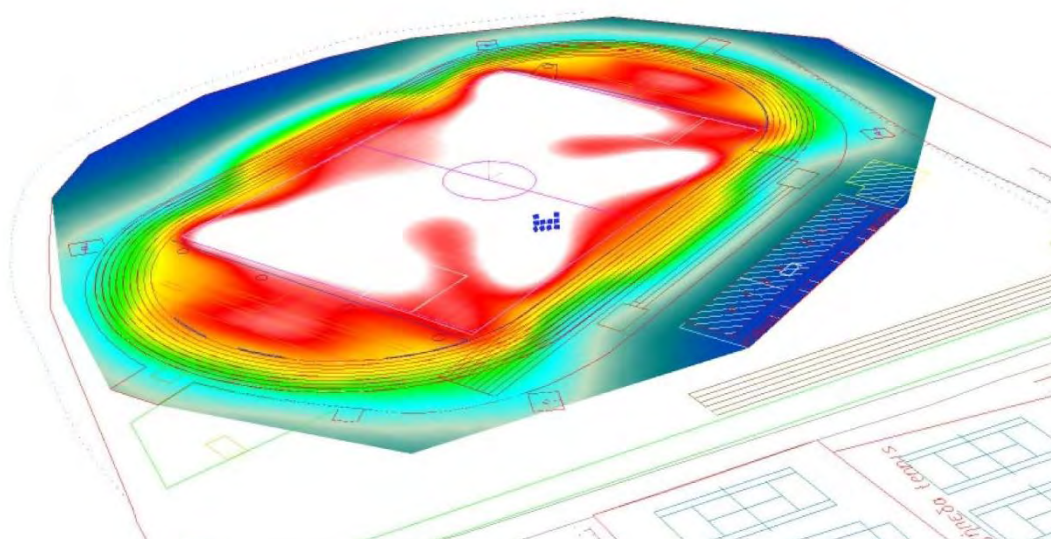




ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ
ΔΗΜΟΣ ΡΕΘΥΜΝΗΣ
Δ/ΝΣΗ ΤΕΧΝΙΚΩΝ ΥΠΗΡΕΣΙΩΝ

ΕΡΓΟ: ΑΝΤΙΚΑΤΑΣΤΑΣΗ ΠΥΛΩΝΩΝ ΚΑΙ
ΒΕΛΤΙΩΤΙΚΕΣ ΠΑΡΕΜΒΑΣΕΙΣ ΣΤΟ
Δ.Α.Κ. ΓΑΛΛΟΥ

ΦΩΤΟΤΕΧΝΙΚΗ ΜΕΛΕΤΗ



Ο ΣΥΝΤΑΚΤΗΣ

Πετρουλάκης Γεώργιος
Ηλεκτρολόγος Μηχανικός

ΡΕΘΥΜΝΟ ΑΥΓΟΥΣΤΟΣ 2026

ΘΕΩΡΗΘΗΚΕ
Η Αν/τρια Πρ/νη Δ.Τ.Υ.

Μαρκουλάκη Μαριάννα
Πολιτικός Μηχανικός

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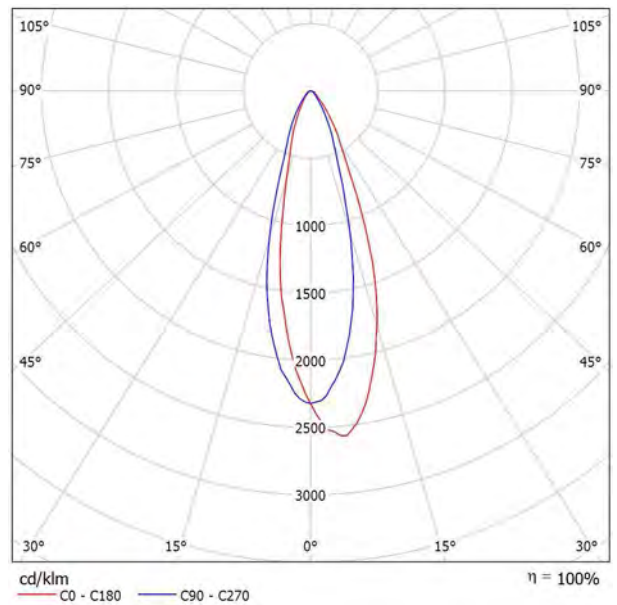
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Operator
Telephone
Fax
e-Mail

Disano Illuminazione SpA 3230 Forum 2.0 3M FMS_Led_tipoA+ 757 3230 Forum 2.0 3M FMS_Led_tipoA+ 757 / Luminaire Data Sheet

Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.



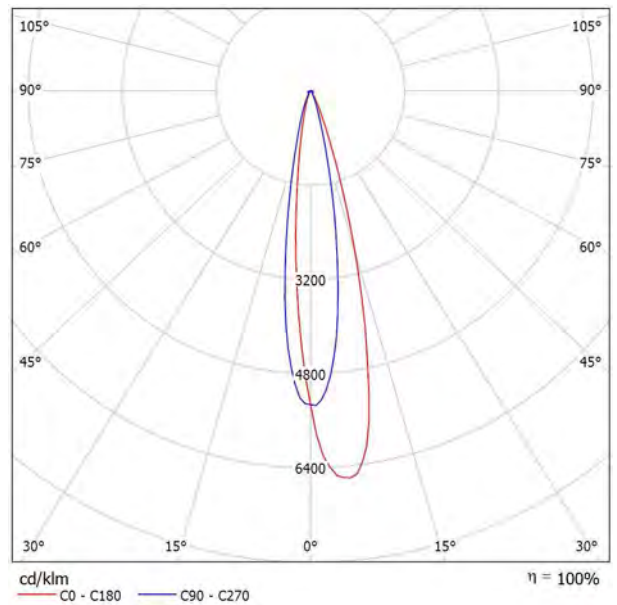
Luminaire classification according to CIE: 100
CIE flux code: 88 96 99 100 100

Due to missing symmetry properties, no UGR table can be displayed for this luminaire.

Disano Illuminazione SpA 3198 Forum 2.0 3M FS_Led_tipoA+ 757 3198 Forum 2.0 3M FS_Led_tipoA+ 757 / Luminaire Data Sheet

Luminous emittance 1:

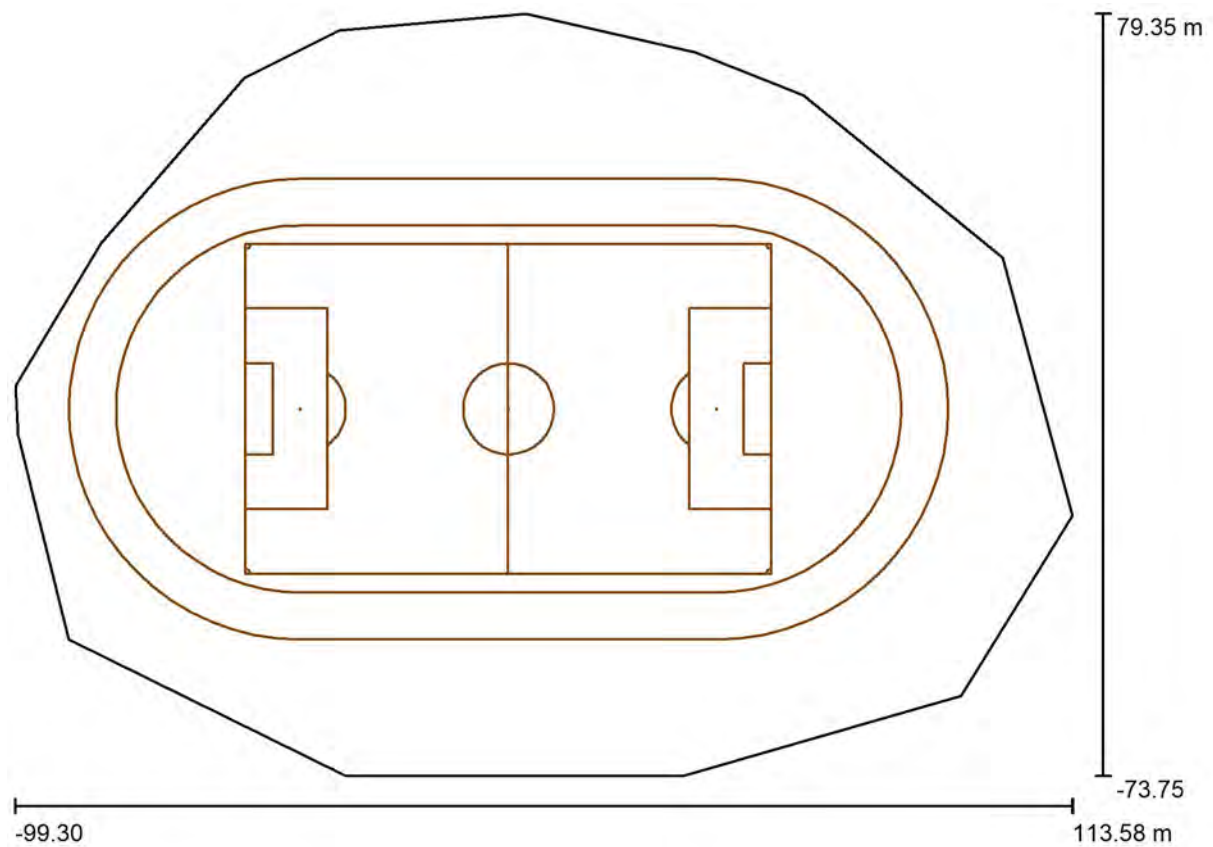
See our luminaire catalog for an image of the luminaire.



Luminaire classification according to CIE: 100
CIE flux code: 92 97 99 100 100

Due to missing symmetry properties, no UGR table can be displayed for this luminaire.

Δημοτικό στάδιο Γάλλου / Planning data



Maintenance factor: 0.90, ULR (Upward Light Ratio): 6.0%

Scale 1:1522

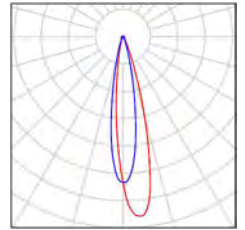
Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
1	26	Disano Illuminazione SpA 3198 Forum 2.0 3M FS_Led_tipoA+ 757 3198 Forum 2.0 3M FS_Led_tipoA+ 757 (1.000)	261832	262156	1625.0
2	14	Disano Illuminazione SpA 3230 Forum 2.0 3M FMS_Led_tipoA+ 757 3230 Forum 2.0 3M FMS_Led_tipoA+ 757 (1.000)	266862	267000	1625.0
Total:			10543695	10554056	65000.0

Δημοτικό στάδιο Γάλλου / Luminaire parts list

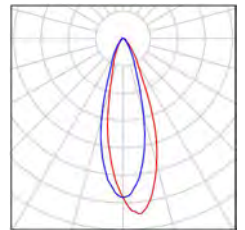
26 Pieces Disano Illuminazione SpA 3198 Forum 2.0 3M
FS_Led_tipoA+ 757 3198 Forum 2.0 3M
FS_Led_tipoA+ 757
Article No.: 3198 Forum 2.0 3M FS_Led_tipoA+
757
Luminous flux (Luminaire): 261832 lm
Luminous flux (Lamps): 262156 lm
Luminaire Wattage: 1625.0 W
Luminaire classification according to CIE: 100
CIE flux code: 92 97 99 100 100
Fitting: 1 x Led TipoA+ 1,0A (Correction Factor
1.000).

See our luminaire
catalog for an image of
the luminaire.



14 Pieces Disano Illuminazione SpA 3230 Forum 2.0 3M
FMS_Led_tipoA+ 757 3230 Forum 2.0 3M
FMS_Led_tipoA+ 757
Article No.: 3230 Forum 2.0 3M FMS_Led_tipoA+
757
Luminous flux (Luminaire): 266862 lm
Luminous flux (Lamps): 267000 lm
Luminaire Wattage: 1625.0 W
Luminaire classification according to CIE: 100
CIE flux code: 88 96 99 100 100
Fitting: 1 x Led TipoA+ 1,0A (Correction Factor
1.000).

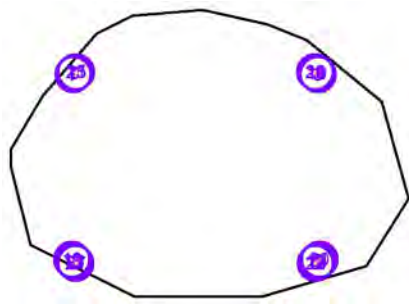
See our luminaire
catalog for an image of
the luminaire.



Δημοτικό στάδιο Γάλλου / Luminares (coordinates list)

Disano Illuminazione SpA 3198 Forum 2.0 3M FS_Led_tipoA+ 757 3198 Forum 2.0 3M FS_Led_tipoA+ 757

261832 lm, 1625.0 W, 1 x 1 x Led TipoA+ 1,0A (Correction Factor 1.000).

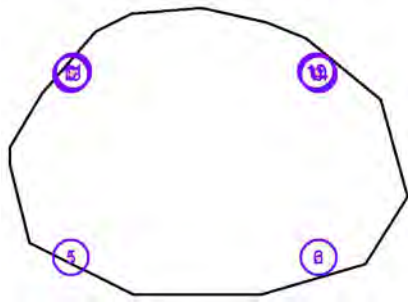


No.	Position [m]			Rotation [°]		
	X	Y	Z	X	Y	Z
1	-65.489	-54.658	30.000	0.0	-65.0	97.1
2	65.489	-54.658	30.000	0.0	-65.0	82.9
3	-64.782	-55.365	30.000	0.0	-65.0	88.6
4	64.782	-55.365	30.000	0.0	-65.0	91.4
5	-64.075	-56.072	30.000	0.0	-62.0	15.0
6	64.075	-56.072	30.000	0.0	-62.0	165.0
7	-65.489	44.658	30.000	0.0	-65.0	-96.7
8	65.489	44.658	30.000	0.0	-65.0	-83.3
9	-64.782	45.365	30.000	0.0	-65.0	-88.0
10	64.782	45.365	30.000	0.0	-65.0	-92.0
11	-64.075	46.072	30.000	0.0	-60.0	-4.0
12	64.075	46.072	30.000	0.0	-60.0	-176.0
13	-65.489	-54.660	31.000	0.0	-60.0	60.0
14	65.489	-54.660	31.000	0.0	-60.0	120.0
15	-64.782	-55.370	31.000	0.0	-65.0	40.0
16	64.782	-55.370	31.000	0.0	-65.0	140.0
17	-64.075	-56.070	31.000	0.0	-55.0	38.0
18	64.075	-56.070	31.000	0.0	-55.0	142.0
19	-66.196	-53.950	32.000	0.0	-60.0	70.0
20	66.196	-53.950	32.000	0.0	-60.0	110.0
21	-64.075	-56.070	32.000	0.0	-64.0	30.0
22	64.075	-56.070	32.000	0.0	-64.0	150.0
23	-64.075	46.070	31.000	0.0	-62.0	-20.0
24	64.075	46.070	31.000	0.0	-62.0	-160.0
25	-63.914	46.061	32.000	0.0	-60.0	-38.0
26	63.914	46.061	32.000	0.0	-60.0	-142.0

Δημοτικό στάδιο Γάλλου / Luminaires (coordinates list)

Disano Illuminazione SpA 3230 Forum 2.0 3M FMS_Led_tipoA+ 757 3230 Forum 2.0 3M FMS_Led_tipoA+ 757

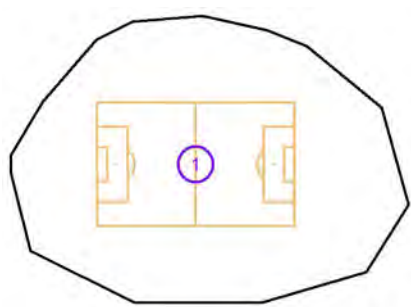
266862 lm, 1625.0 W, 1 x 1 x Led TipoA+ 1,0A (Correction Factor 1.000).



No.	Position [m]			Rotation [°]		
	X	Y	Z	X	Y	Z
1	-66.196	-53.951	30.000	0.0	-60.0	109.0
2	66.196	-53.951	30.000	0.0	-60.0	71.0
3	-66.196	43.951	30.000	0.0	-55.0	-112.7
4	66.196	43.951	30.000	0.0	-55.0	-67.3
5	-66.196	-53.950	31.000	0.0	-43.0	55.0
6	66.196	-53.950	31.000	0.0	-43.0	125.0
7	-66.196	43.950	31.000	0.0	-55.0	-65.0
8	66.196	43.950	31.000	0.0	-55.0	-115.0
9	-65.489	44.660	31.000	0.0	-40.0	-40.0
10	65.489	44.660	31.000	0.0	-40.0	-140.0
11	-64.782	45.370	31.000	0.0	-65.0	-30.0
12	64.782	45.370	31.000	0.0	-65.0	-150.0
13	-66.196	43.950	32.000	0.0	-55.0	-50.0
14	66.196	43.950	32.000	0.0	-55.0	-130.0

Δημοτικό στάδιο Γάλλου / Sport Sites (Coordinates List)

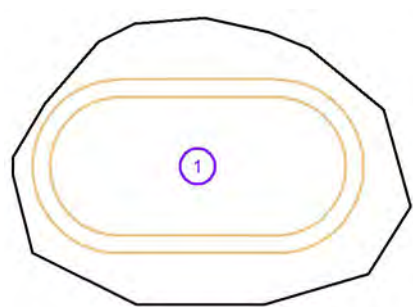
Soccer Field



No.	Position [m]			Size Playing Area [m]		Size Total Area [m]		Rotation [°]		
	X	Y	Z	L	W	L	W	X	Y	Z
1	0.000	0.000	0.000	105.850	66.350	105.850	66.350	0.0	0.0	0.0

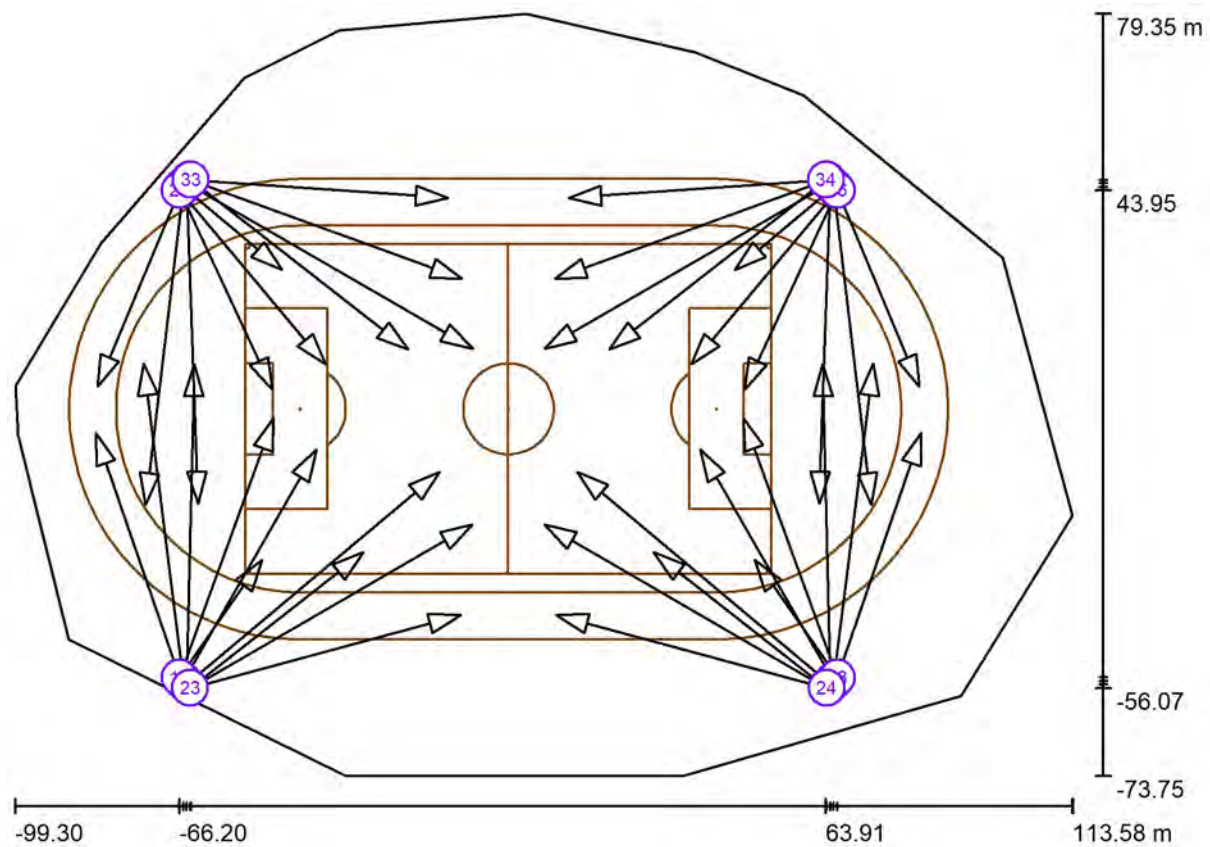
Δημοτικό στάδιο Γάλλου / Sport Sites (Coordinates List)

Track



No.	Position [m]			Size Playing Area [m]		Size Total Area [m]		Rotation [°]		
	X	Y	Z	L	W	L	W	X	Y	Z
1	0.000	0.000	0.000	176.910	92.520	176.910	92.520	0.0	0.0	0.0

Δημοτικό στάδιο Γάλλου / Sport Luminaires (Coordinates List)



Scale 1 : 1522

List of the Sport Luminaires

Luminaire	Index	Position [m]			Aiming Point [m]			Angle [°]	Alignment	Pole
		X	Y	Z	X	Y	Z			
Disano Illuminazione SpA 3230 Forum 2.0 3M FMS_Led_tipoA+ 757 3230	1	-66.196	-53.951	30.000	-83.130	-4.827	0.000	30.0	(C 0, G 0)	/
Disano Illuminazione SpA 3230 Forum 2.0 3M FMS_Led_tipoA+ 757 3230	2	66.196	-53.951	30.000	83.130	-4.827	0.000	30.0	(C 0, G 0)	/
Disano Illuminazione SpA 3198 Forum 2.0 3M FS_Led_tipoA+ 757 3198 Forum 2.0 3M FS_Led_tipoA+ 757	3	-65.489	-54.658	30.000	-73.408	9.188	0.000	25.0	(C 0, G 0)	/
Disano Illuminazione SpA 3198 Forum 2.0 3M FS_Led_tipoA+ 757 3198 Forum 2.0 3M FS_Led_tipoA+ 757	4	65.489	-54.658	30.000	73.408	9.188	0.000	25.0	(C 0, G 0)	/

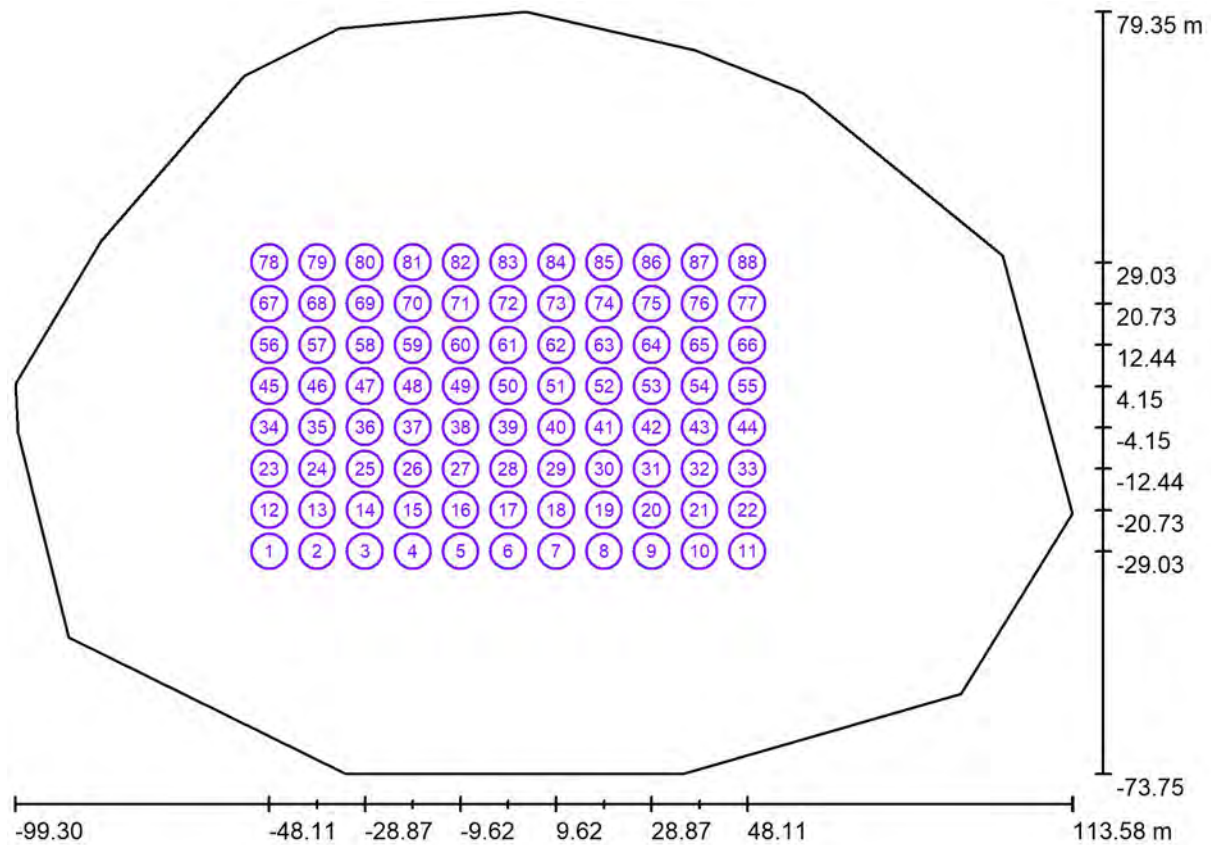
Δημοτικό στάδιο Γάλλου / Sport Luminares (Coordinates List)

List of the Sport Luminaires

Luminaire	Index	Position [m]			Aiming Point [m]			Angle [°]	Alignment	Pole
		X	Y	Z	X	Y	Z			
Disano Illuminazione SpA 3198 Forum 2.0 3M FS_Led_tipoA+ 757 3198 Forum 2.0 3M FS_Led_tipoA+ 757	5	-64.782	-55.365	30.000	-63.238	8.951	0.000	25.0	(C 0, G 0)	/
Disano Illuminazione SpA 3198 Forum 2.0 3M FS_Led_tipoA+ 757 3198 Forum 2.0 3M FS_Led_tipoA+ 757	6	64.782	-55.365	30.000	63.238	8.951	0.000	25.0	(C 0, G 0)	/
Disano Illuminazione SpA 3198 Forum 2.0 3M FS_Led_tipoA+ 757 3198 Forum 2.0 3M FS_Led_tipoA+ 757	7	-64.075	-56.072	30.000	-9.575	-41.469	0.000	28.0	(C 0, G 0)	/
Disano Illuminazione SpA 3198 Forum 2.0 3M FS_Led_tipoA+ 757 3198 Forum 2.0 3M FS_Led_tipoA+ 757	8	64.075	-56.072	30.000	9.575	-41.469	0.000	28.0	(C 0, G 0)	/
Disano Illuminazione SpA 3230 Forum 2.0 3M FMS_Led_tipoA+ 757 3230 Forum 2.0 3M FMS_Led_tipoA+ 757	9	-66.196	43.951	30.000	-82.759	4.438	0.000	35.0	(C 0, G 0)	/
Disano Illuminazione SpA 3230 Forum 2.0 3M FMS_Led_tipoA+ 757 3230 Forum 2.0 3M FMS_Led_tipoA+ 757	10	66.196	43.951	30.000	82.759	4.438	0.000	35.0	(C 0, G 0)	/
Disano Illuminazione SpA 3198 Forum 2.0 3M FS_Led_tipoA+ 757 3198 Forum 2.0 3M FS_Led_tipoA+ 757	11	-65.489	44.658	30.000	-73.004	-19.237	0.000	25.0	(C 0, G 0)	/
Disano Illuminazione SpA 3198 Forum 2.0 3M FS_Led_tipoA+ 757 3198 Forum 2.0 3M FS_Led_tipoA+ 757	12	65.489	44.658	30.000	73.004	-19.237	0.000	25.0	(C 0, G 0)	/
Disano Illuminazione SpA 3198 Forum 2.0 3M FS_Led_tipoA+ 757 3198 Forum 2.0 3M FS_Led_tipoA+ 757	13	-64.782	45.365	30.000	-62.527	-18.930	0.000	25.0	(C 0, G 0)	/
Disano Illuminazione SpA 3198 Forum 2.0 3M FS_Led_tipoA+ 757 3198 Forum 2.0 3M FS_Led_tipoA+ 757	14	64.782	45.365	30.000	62.527	-18.930	0.000	25.0	(C 0, G 0)	/
Disano Illuminazione SpA 3198 Forum 2.0 3M FS_Led_tipoA+ 757 3198 Forum 2.0 3M FS_Led_tipoA+ 757	15	-64.075	46.072	30.000	-12.241	42.426	0.000	30.0	(C 0, G 0)	/
Disano Illuminazione SpA 3198 Forum 2.0 3M FS_Led_tipoA+ 757 3198 Forum 2.0 3M FS_Led_tipoA+ 757	16	64.075	46.072	30.000	12.241	42.426	0.000	30.0	(C 0, G 0)	/
Disano Illuminazione SpA 3230 Forum 2.0 3M FMS_Led_tipoA+ 757 3230 Forum 2.0 3M FMS_Led_tipoA+ 757	17	-66.196	-53.950	31.000	-49.615	-30.270	0.000	47.0	(C 0, G 0)	/
Disano Illuminazione SpA 3230 Forum 2.0 3M FMS_Led_tipoA+ 757 3230 Forum 2.0 3M FMS_Led_tipoA+ 757	18	66.196	-53.950	31.000	49.615	-30.270	0.000	47.0	(C 0, G 0)	/
Disano Illuminazione SpA 3198 Forum 2.0 3M FS_Led_tipoA+ 757 3198 Forum 2.0 3M FS_Led_tipoA+ 757	19	-65.489	-54.660	31.000	-38.642	-8.160	0.000	30.0	(C 0, G 0)	/
Disano Illuminazione SpA 3198 Forum 2.0 3M FS_Led_tipoA+ 757 3198 Forum 2.0 3M FS_Led_tipoA+ 757	20	65.489	-54.660	31.000	38.642	-8.160	0.000	30.0	(C 0, G 0)	/
Disano Illuminazione SpA 3198 Forum 2.0 3M FS_Led_tipoA+ 757 3198 Forum 2.0 3M FS_Led_tipoA+ 757	21	-64.782	-55.370	31.000	-13.856	-12.638	0.000	25.0	(C 0, G 0)	/
Disano Illuminazione SpA 3198 Forum 2.0 3M FS_Led_tipoA+ 757 3198 Forum 2.0 3M FS_Led_tipoA+ 757	22	64.782	-55.370	31.000	13.856	-12.638	0.000	25.0	(C 0, G 0)	/
Disano Illuminazione SpA 3198 Forum 2.0 3M FS_Led_tipoA+ 757 3198 Forum 2.0 3M FS_Led_tipoA+ 757	23	-64.075	-56.070	31.000	-29.188	-28.813	0.000	35.0	(C 0, G 0)	/
Disano Illuminazione SpA 3198 Forum 2.0 3M FS_Led_tipoA+ 757 3198 Forum 2.0 3M FS_Led_tipoA+ 757	24	64.075	-56.070	31.000	29.188	-28.813	0.000	35.0	(C 0, G 0)	/
Disano Illuminazione SpA 3198 Forum 2.0 3M FS_Led_tipoA+ 757 3198 Forum 2.0 3M FS_Led_tipoA+ 757	17	-66.196	-53.950	32.000	-47.239	-1.867	0.000	30.0	(C 0, G 0)	/
Disano Illuminazione SpA 3198 Forum 2.0 3M FS_Led_tipoA+ 757 3198 Forum 2.0 3M FS_Led_tipoA+ 757	18	66.196	-53.950	32.000	47.239	-1.867	0.000	30.0	(C 0, G 0)	/
Disano Illuminazione SpA 3198 Forum 2.0 3M FS_Led_tipoA+ 757 3198 Forum 2.0 3M FS_Led_tipoA+ 757	23	-64.075	-56.070	32.000	-7.255	-23.265	0.000	26.0	(C 0, G 0)	/

Disano Illuminazione SpA 3198 Forum 2.0 3M FS_Led_tipoA+ 757 3198 Forum 2.0 3M FS_Led_tipoA+ 757	24	64.075	-56.070	32.000	7.255	-23.265	0.000	26.0	(C 0, G 0)	/
Disano Illuminazione SpA 3230 Forum 2.0 3M FMS_Led_tipoA+ 757 3230 Forum 2.0 3M FMS_Led_tipoA+ 757	25	-66.196	43.950	31.000	-47.486	3.825	0.000	35.0	(C 0, G 0)	/
Disano Illuminazione SpA 3230 Forum 2.0 3M FMS_Led_tipoA+ 757 3230 Forum 2.0 3M FMS_Led_tipoA+ 757	26	66.196	43.950	31.000	47.486	3.825	0.000	35.0	(C 0, G 0)	/
Disano Illuminazione SpA 3230 Forum 2.0 3M FMS_Led_tipoA+ 757 3230 Forum 2.0 3M FMS_Led_tipoA+ 757	27	-65.489	44.660	31.000	-45.563	27.940	0.000	50.0	(C 0, G 0)	/
Disano Illuminazione SpA 3230 Forum 2.0 3M FMS_Led_tipoA+ 757 3230 Forum 2.0 3M FMS_Led_tipoA+ 757	28	65.489	44.660	31.000	45.563	27.940	0.000	50.0	(C 0, G 0)	/
Disano Illuminazione SpA 3230 Forum 2.0 3M FMS_Led_tipoA+ 757 3230 Forum 2.0 3M FMS_Led_tipoA+ 757	29	-64.782	45.370	31.000	-7.209	12.130	0.000	25.0	(C 0, G 0)	/
Disano Illuminazione SpA 3230 Forum 2.0 3M FMS_Led_tipoA+ 757 3230 Forum 2.0 3M FMS_Led_tipoA+ 757	30	64.782	45.370	31.000	7.209	12.130	0.000	25.0	(C 0, G 0)	/
Disano Illuminazione SpA 3198 Forum 2.0 3M FS_Led_tipoA+ 757 3198 Forum 2.0 3M FS_Led_tipoA+ 757	31	-64.075	46.070	31.000	-9.289	26.129	0.000	28.0	(C 0, G 0)	/
Disano Illuminazione SpA 3198 Forum 2.0 3M FS_Led_tipoA+ 757 3198 Forum 2.0 3M FS_Led_tipoA+ 757	32	64.075	46.070	31.000	9.289	26.129	0.000	28.0	(C 0, G 0)	/
Disano Illuminazione SpA 3230 Forum 2.0 3M FMS_Led_tipoA+ 757 3230 Forum 2.0 3M FMS_Led_tipoA+ 757	25	-66.196	43.950	32.000	-36.820	8.941	0.000	35.0	(C 0, G 0)	/
Disano Illuminazione SpA 3230 Forum 2.0 3M FMS_Led_tipoA+ 757 3230 Forum 2.0 3M FMS_Led_tipoA+ 757	26	66.196	43.950	32.000	36.820	8.941	0.000	35.0	(C 0, G 0)	/
Disano Illuminazione SpA 3198 Forum 2.0 3M FS_Led_tipoA+ 757 3198 Forum 2.0 3M FS_Led_tipoA+ 757	33	-63.914	46.061	32.000	-20.238	11.938	0.000	30.0	(C 0, G 0)	/
Disano Illuminazione SpA 3198 Forum 2.0 3M FS_Led_tipoA+ 757 3198 Forum 2.0 3M FS_Led_tipoA+ 757	34	63.914	46.061	32.000	20.238	11.938	0.000	30.0	(C 0, G 0)	/

Δημοτικό στάδιο Γάλλου / GR Observer (Results Overview)



Scale 1 : 1522

GR Observerlist

No.	Designation	Position [m]			Viewing sector [°]			Slope angle	Max
		X	Y	Z	Start	End	Increment		
1	GR Observer 1	-48.114	-29.028	1.000	0.0	360.0	15.0	-2.0	38 ²⁾
2	GR Observer 2	-38.491	-29.028	1.000	0.0	360.0	15.0	-2.0	38 ²⁾
3	GR Observer 3	-28.868	-29.028	1.000	0.0	360.0	15.0	-2.0	41 ²⁾
4	GR Observer 4	-19.245	-29.028	1.000	0.0	360.0	15.0	-2.0	43 ²⁾

Δημοτικό στάδιο Γάλλου / GR Observer (Results Overview)

GR Observerlist

No.	Designation	Position [m]			Viewing sector [°]				Max
		X	Y	Z	Start	End	Increment	Slope angle	
5	GR Observer 5	-9.623	-29.028	1.000	0.0	360.0	15.0	-2.0	44 ²⁾
6	GR Observer 6	0.000	-29.028	1.000	0.0	360.0	15.0	-2.0	43 ²⁾
7	GR Observer 7	9.623	-29.028	1.000	0.0	360.0	15.0	-2.0	44 ²⁾
8	GR Observer 8	19.245	-29.028	1.000	0.0	360.0	15.0	-2.0	44 ²⁾
9	GR Observer 9	28.868	-29.028	1.000	0.0	360.0	15.0	-2.0	41 ²⁾
10	GR Observer 10	38.491	-29.028	1.000	0.0	360.0	15.0	-2.0	39 ²⁾
11	GR Observer 11	48.114	-29.028	1.000	0.0	360.0	15.0	-2.0	38 ²⁾
12	GR Observer 12	-48.114	-20.734	1.000	0.0	360.0	15.0	-2.0	38 ²⁾
13	GR Observer 13	-38.491	-20.734	1.000	0.0	360.0	15.0	-2.0	39 ²⁾
14	GR Observer 14	-28.868	-20.734	1.000	0.0	360.0	15.0	-2.0	43 ²⁾
15	GR Observer 15	-19.245	-20.734	1.000	0.0	360.0	15.0	-2.0	46 ²⁾
16	GR Observer 16	-9.623	-20.734	1.000	0.0	360.0	15.0	-2.0	47 ²⁾
17	GR Observer 17	0.000	-20.734	1.000	0.0	360.0	15.0	-2.0	46 ²⁾
18	GR Observer 18	9.623	-20.734	1.000	0.0	360.0	15.0	-2.0	47 ²⁾
19	GR Observer 19	19.245	-20.734	1.000	0.0	360.0	15.0	-2.0	46 ²⁾
20	GR Observer 20	28.868	-20.734	1.000	0.0	360.0	15.0	-2.0	42 ²⁾
21	GR Observer 21	38.491	-20.734	1.000	0.0	360.0	15.0	-2.0	39 ²⁾
22	GR Observer 22	48.114	-20.734	1.000	0.0	360.0	15.0	-2.0	38 ²⁾
23	GR Observer 23	-48.114	-12.441	1.000	0.0	360.0	15.0	-2.0	39 ²⁾
24	GR Observer 24	-38.491	-12.441	1.000	0.0	360.0	15.0	-2.0	41 ²⁾
25	GR Observer 25	-28.868	-12.441	1.000	0.0	360.0	15.0	-2.0	42 ²⁾
26	GR Observer 26	-19.245	-12.441	1.000	0.0	360.0	15.0	-2.0	45 ²⁾
27	GR Observer 27	-9.623	-12.441	1.000	0.0	360.0	15.0	-2.0	47 ²⁾
28	GR Observer 28	0.000	-12.441	1.000	0.0	360.0	15.0	-2.0	47 ²⁾
29	GR Observer 29	9.623	-12.441	1.000	0.0	360.0	15.0	-2.0	47 ²⁾
30	GR Observer 30	19.245	-12.441	1.000	0.0	360.0	15.0	-2.0	45 ²⁾
31	GR Observer 31	28.868	-12.441	1.000	0.0	360.0	15.0	-2.0	41 ²⁾
32	GR Observer 32	38.491	-12.441	1.000	0.0	360.0	15.0	-2.0	41 ²⁾
33	GR Observer 33	48.114	-12.441	1.000	0.0	360.0	15.0	-2.0	39 ²⁾
34	GR Observer 34	-48.114	-4.147	1.000	0.0	360.0	15.0	-2.0	42 ²⁾
35	GR Observer 35	-38.491	-4.147	1.000	0.0	360.0	15.0	-2.0	44 ²⁾
36	GR Observer 36	-28.868	-4.147	1.000	0.0	360.0	15.0	-2.0	43 ²⁾
37	GR Observer 37	-19.245	-4.147	1.000	0.0	360.0	15.0	-2.0	45 ²⁾
38	GR Observer 38	-9.623	-4.147	1.000	0.0	360.0	15.0	-2.0	46 ²⁾
39	GR Observer 39	0.000	-4.147	1.000	0.0	360.0	15.0	-2.0	46 ²⁾
40	GR Observer 40	9.623	-4.147	1.000	0.0	360.0	15.0	-2.0	46 ²⁾

Δημοτικό στάδιο Γάλλου / GR Observer (Results Overview)

GR Observerlist

No.	Designation	Position [m]			Viewing sector [°]				Max
		X	Y	Z	Start	End	Increment	Slope angle	
41	GR Observer 41	19.245	-4.147	1.000	0.0	360.0	15.0	-2.0	45 ²⁾
42	GR Observer 42	28.868	-4.147	1.000	0.0	360.0	15.0	-2.0	43 ²⁾
43	GR Observer 43	38.491	-4.147	1.000	0.0	360.0	15.0	-2.0	44 ²⁾
44	GR Observer 44	48.114	-4.147	1.000	0.0	360.0	15.0	-2.0	42 ²⁾
45	GR Observer 45	-48.114	4.147	1.000	0.0	360.0	15.0	-2.0	43 ²⁾
46	GR Observer 46	-38.491	4.147	1.000	0.0	360.0	15.0	-2.0	45 ²⁾
47	GR Observer 47	-28.868	4.147	1.000	0.0	360.0	15.0	-2.0	44 ²⁾
48	GR Observer 48	-19.245	4.147	1.000	0.0	360.0	15.0	-2.0	45 ²⁾
49	GR Observer 49	-9.623	4.147	1.000	0.0	360.0	15.0	-2.0	44 ²⁾
50	GR Observer 50	0.000	4.147	1.000	0.0	360.0	15.0	-2.0	45 ²⁾
51	GR Observer 51	9.623	4.147	1.000	0.0	360.0	15.0	-2.0	45 ²⁾
52	GR Observer 52	19.245	4.147	1.000	0.0	360.0	15.0	-2.0	45 ²⁾
53	GR Observer 53	28.868	4.147	1.000	0.0	360.0	15.0	-2.0	44 ²⁾
54	GR Observer 54	38.491	4.147	1.000	0.0	360.0	15.0	-2.0	45 ²⁾
55	GR Observer 55	48.114	4.147	1.000	0.0	360.0	15.0	-2.0	43 ²⁾
56	GR Observer 56	-48.114	12.441	1.000	0.0	360.0	15.0	-2.0	44 ²⁾
57	GR Observer 57	-38.491	12.441	1.000	0.0	360.0	15.0	-2.0	44 ²⁾
58	GR Observer 58	-28.868	12.441	1.000	0.0	360.0	15.0	-2.0	44 ²⁾
59	GR Observer 59	-19.245	12.441	1.000	0.0	360.0	15.0	-2.0	43 ²⁾
60	GR Observer 60	-9.623	12.441	1.000	0.0	360.0	15.0	-2.0	45 ²⁾
61	GR Observer 61	0.000	12.441	1.000	0.0	360.0	15.0	-2.0	45 ²⁾
62	GR Observer 62	9.623	12.441	1.000	0.0	360.0	15.0	-2.0	45 ²⁾
63	GR Observer 63	19.245	12.441	1.000	0.0	360.0	15.0	-2.0	43 ²⁾
64	GR Observer 64	28.868	12.441	1.000	0.0	360.0	15.0	-2.0	44 ²⁾
65	GR Observer 65	38.491	12.441	1.000	0.0	360.0	15.0	-2.0	44 ²⁾
66	GR Observer 66	48.114	12.441	1.000	0.0	360.0	15.0	-2.0	43 ²⁾
67	GR Observer 67	-48.114	20.734	1.000	0.0	360.0	15.0	-2.0	43 ²⁾
68	GR Observer 68	-38.491	20.734	1.000	0.0	360.0	15.0	-2.0	43 ²⁾
69	GR Observer 69	-28.868	20.734	1.000	0.0	360.0	15.0	-2.0	43 ²⁾
70	GR Observer 70	-19.245	20.734	1.000	0.0	360.0	15.0	-2.0	43 ²⁾
71	GR Observer 71	-9.623	20.734	1.000	0.0	360.0	15.0	-2.0	44 ²⁾
72	GR Observer 72	0.000	20.734	1.000	0.0	360.0	15.0	-2.0	44 ²⁾
73	GR Observer 73	9.623	20.734	1.000	0.0	360.0	15.0	-2.0	44 ²⁾
74	GR Observer 74	19.245	20.734	1.000	0.0	360.0	15.0	-2.0	43 ²⁾
75	GR Observer 75	28.868	20.734	1.000	0.0	360.0	15.0	-2.0	43 ²⁾
76	GR Observer 76	38.491	20.734	1.000	0.0	360.0	15.0	-2.0	43 ²⁾

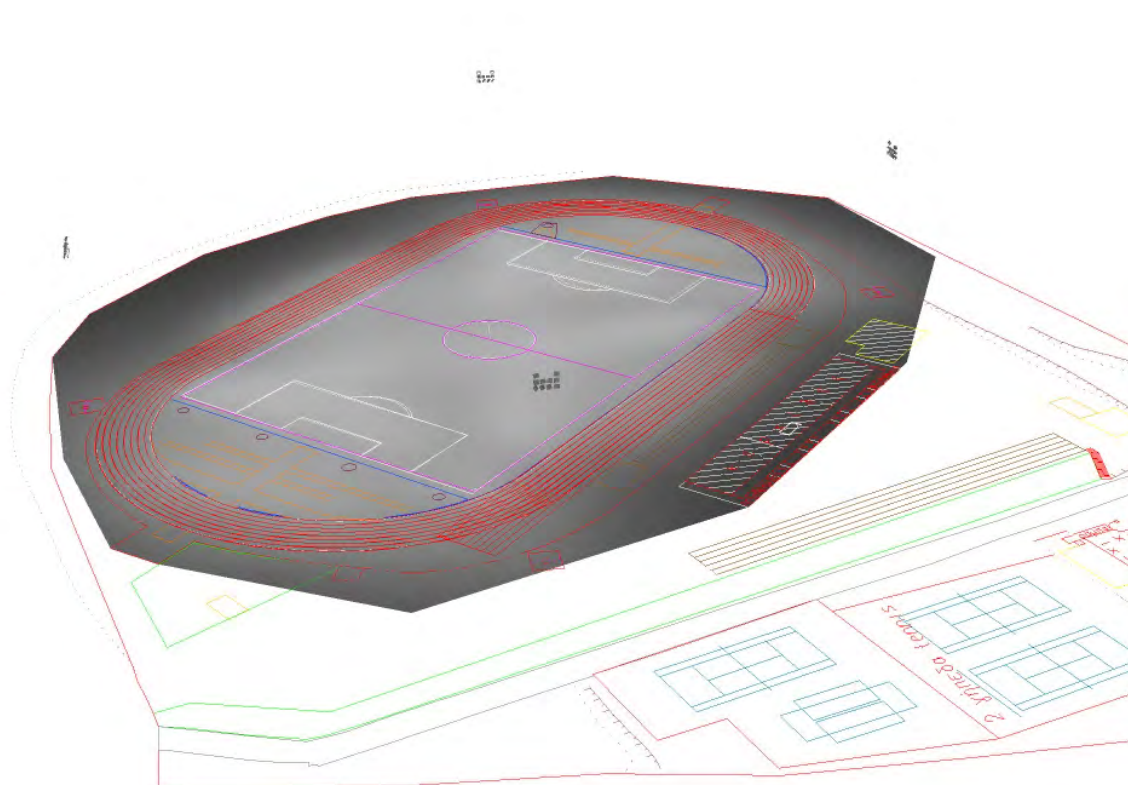
Δημοτικό στάδιο Γάλλου / GR Observer (Results Overview)

GR Observerlist

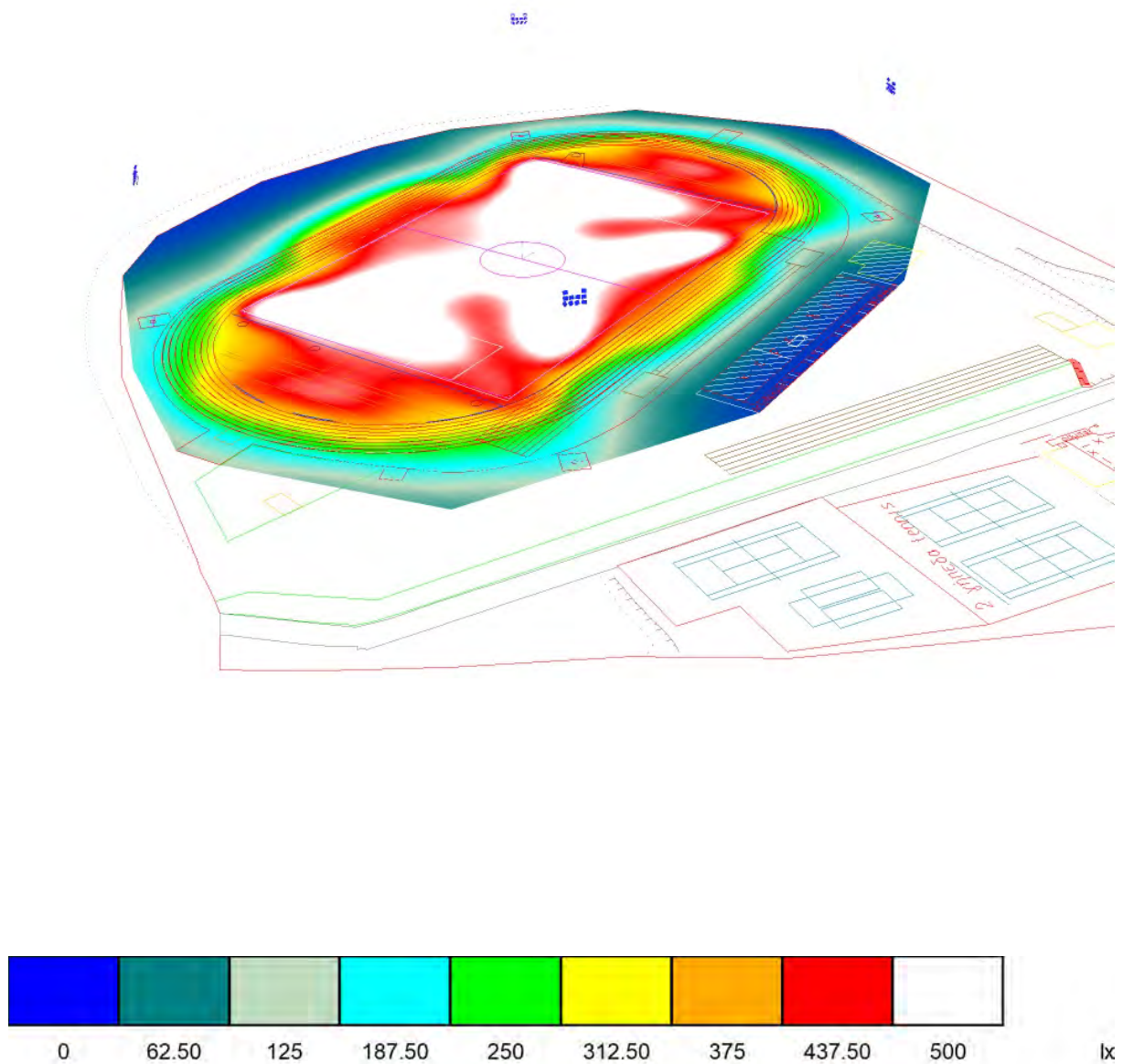
No.	Designation	Position [m]			Start	End	Viewing sector [°]		Max
		X	Y	Z			Increment	Slope angle	
77	GR Observer 77	48.114	20.734	1.000	0.0	360.0	15.0	-2.0	43 ²⁾
78	GR Observer 78	-48.114	29.028	1.000	0.0	360.0	15.0	-2.0	42 ²⁾
79	GR Observer 79	-38.491	29.028	1.000	0.0	360.0	15.0	-2.0	42 ²⁾
80	GR Observer 80	-28.868	29.028	1.000	0.0	360.0	15.0	-2.0	41 ²⁾
81	GR Observer 81	-19.245	29.028	1.000	0.0	360.0	15.0	-2.0	42 ²⁾
82	GR Observer 82	-9.623	29.028	1.000	0.0	360.0	15.0	-2.0	44 ²⁾
83	GR Observer 83	0.000	29.028	1.000	0.0	360.0	15.0	-2.0	44 ²⁾
84	GR Observer 84	9.623	29.028	1.000	0.0	360.0	15.0	-2.0	43 ²⁾
85	GR Observer 85	19.245	29.028	1.000	0.0	360.0	15.0	-2.0	42 ²⁾
86	GR Observer 86	28.868	29.028	1.000	0.0	360.0	15.0	-2.0	41 ²⁾
87	GR Observer 87	38.491	29.028	1.000	0.0	360.0	15.0	-2.0	42 ²⁾
88	GR Observer 88	48.114	29.028	1.000	0.0	360.0	15.0	-2.0	42 ²⁾

2) The calculated equivalent veil luminance of the environment is based on the assumption of a complete diffuse reflection behavior of the environment (acc. EN 12464-2).

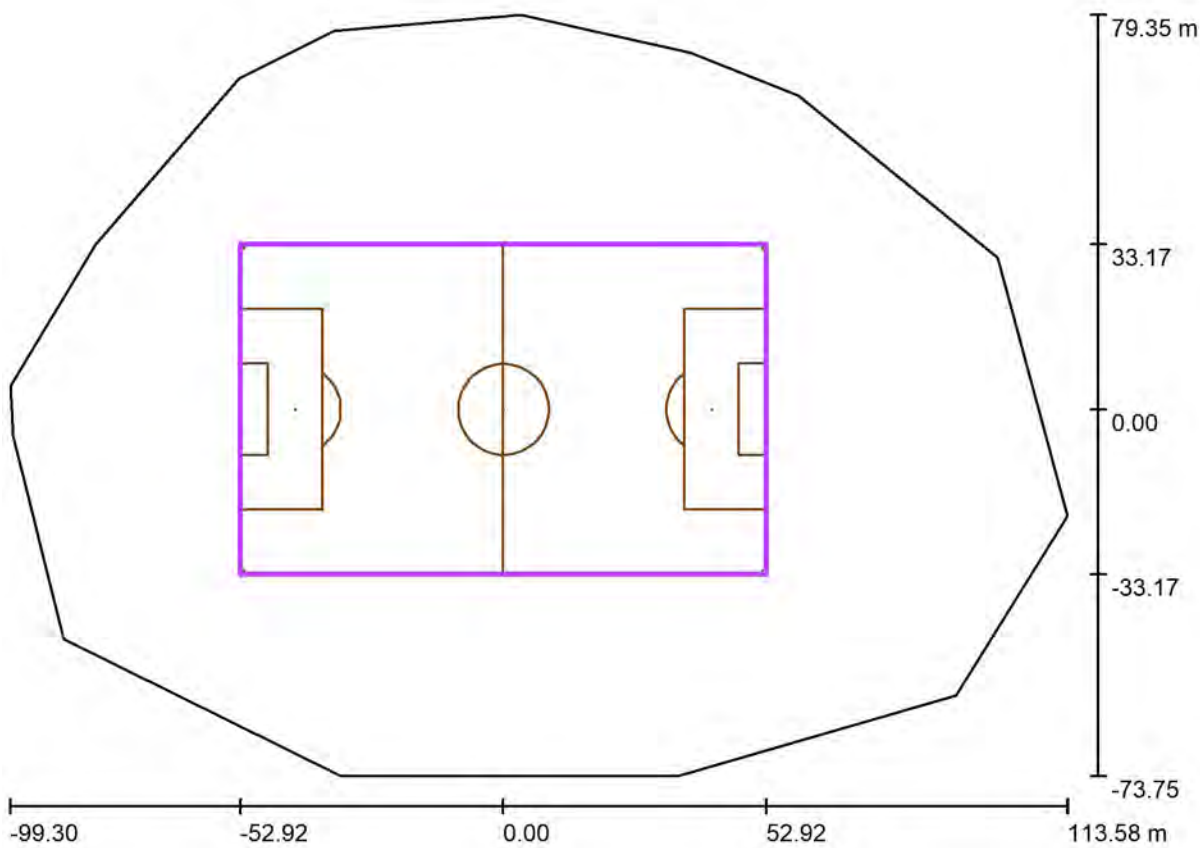
Δημοτικό στάδιο Γάλλου / 3D Rendering



Δημοτικό στάδιο Γάλλου / False Colour Rendering



Δημοτικό στάδιο Γάλλου / Soccer Field (PA) / Summary



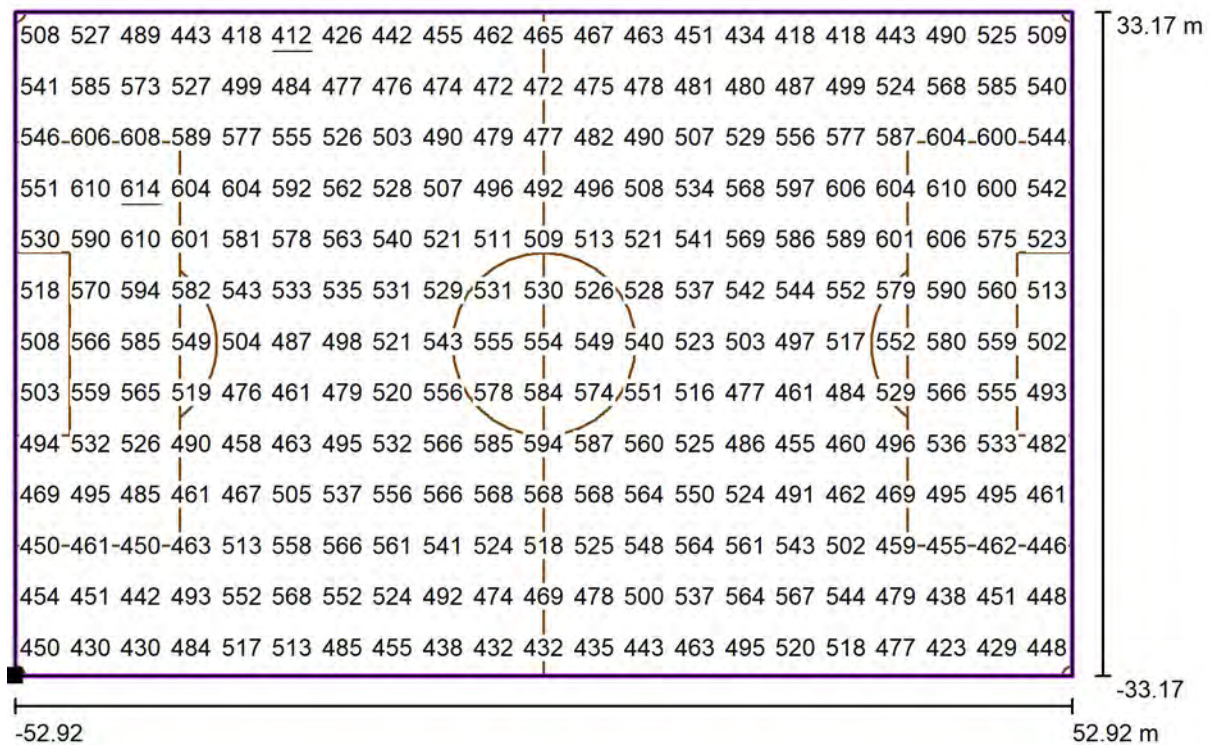
Position: (0.000 m, 0.000 m, 0.000 m)
Size: (105.850 m, 66.350 m)
Rotation: (0.0°, 0.0°, 0.0°)
Type: Normal, Grid: 21 x 13 Points
Belongs to the following sport arena: Soccer Field

Results overview

No.	Type	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u_0	E_{min} / E_{max}	$E_{h\ m} / E_m$	H [m]	Camera
1	horizontal	518	412	614	0.79	0.67	/	0.000	/

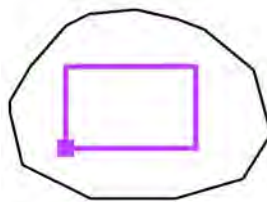
$E_{h\ m} / E_m$ = Relationship between middle horizontal and vertical illuminance, H = Measuring Height

Δημοτικό στάδιο Γάλλου / Soccer Field (PA) / Value Chart (E, Horizontal)



Values in Lux, Scale 1 : 757

Position of surface in external scene:
Marked point: (-52.925 m, -33.175 m, 0.000 m)



Grid: 21 x 13 Points

 E_{av} [lx]
518

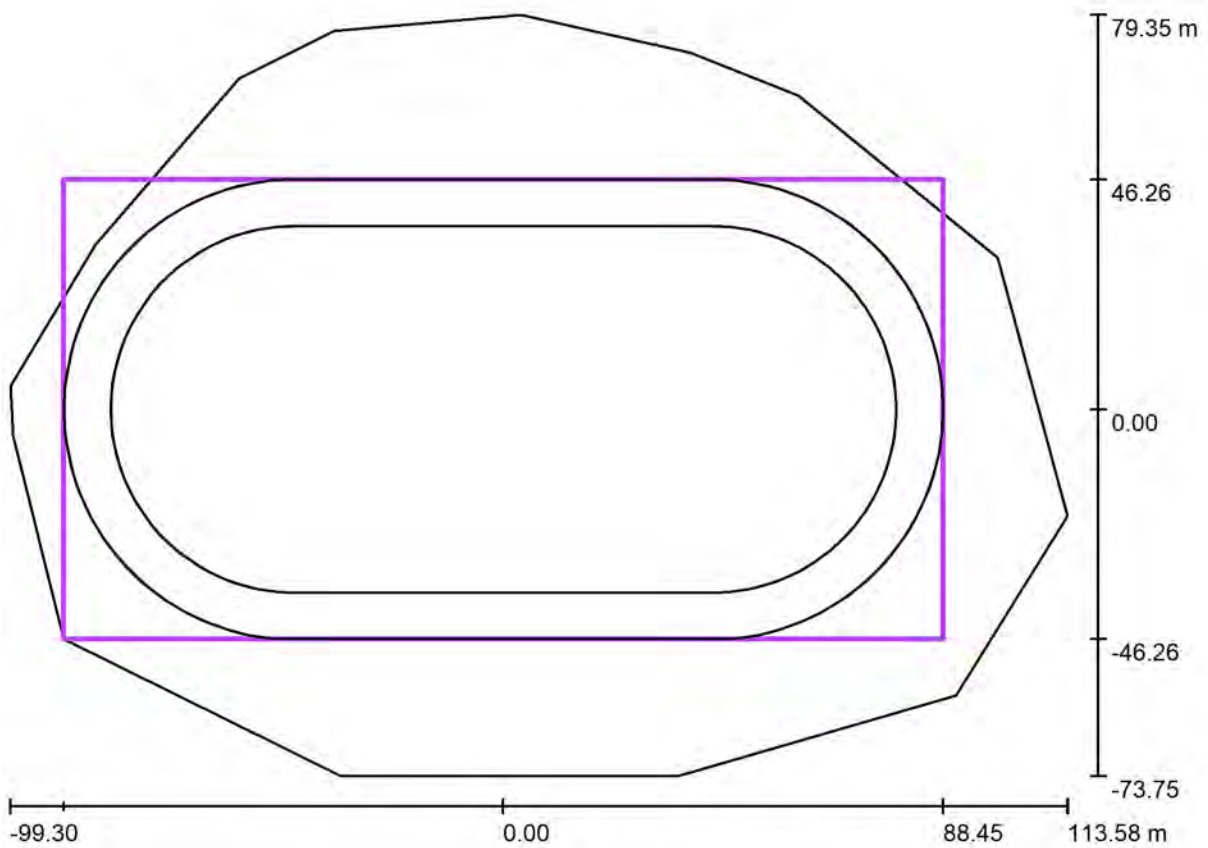
 E_{min} [lx]
412

 E_{max} [lx]
614

 u_0
0.79

 E_{min} / E_{max}
0.67

Δημοτικό στάδιο Γάλλου / Track (PA) / Summary



Scale 1 : 1522

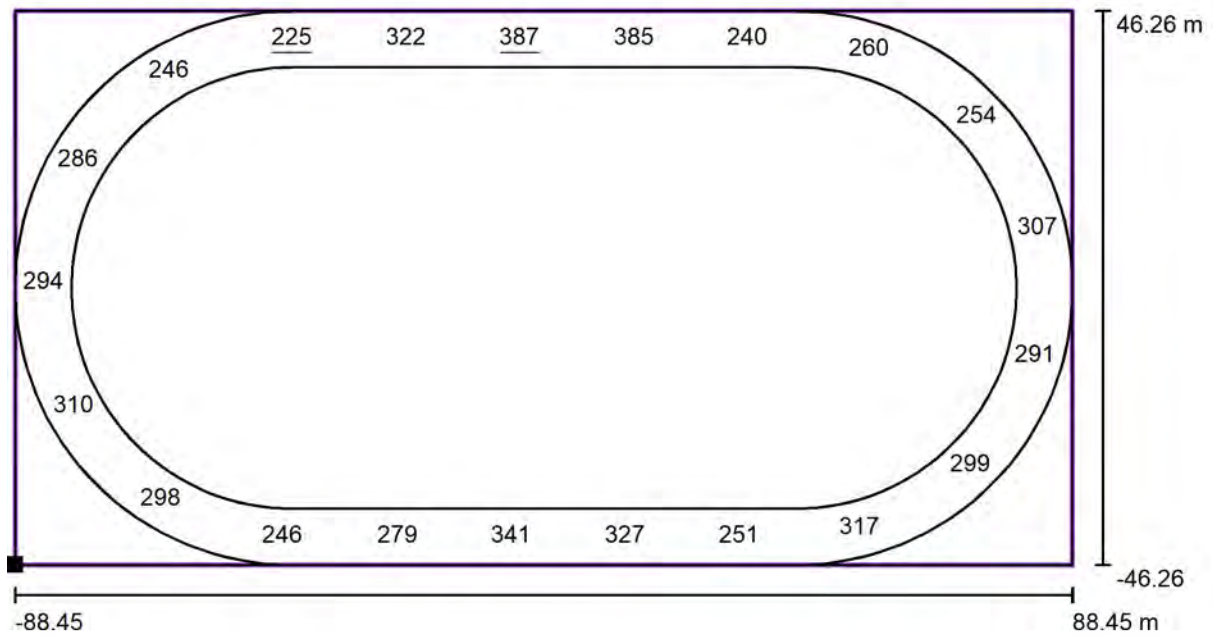
Position: (0.000 m, 0.000 m, 0.000 m)
Size: (176.910 m, 92.520 m)
Rotation: (0.0°, 0.0°, 0.0°)
Type: Radial, Grid: 21 x 1 Points
Belongs to the following sport arena: Track

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	horizontal	294	225	387	0.77	0.58	/	0.000	/

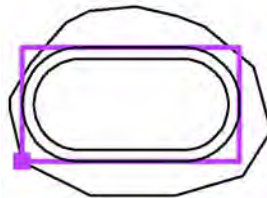
$E_{h\ m} / E_m$ = Relationship between middle horizontal and vertical illuminance, H = Measuring Height

Δημοτικό στάδιο Γάλλου / Track (PA) / Value Chart (E, Horizontal)



Values in Lux, Scale 1 : 1265

Position of surface in external scene:
Marked point: (-88.455 m, -46.260 m,
0.000 m)



Grid: 21 x 1 Points

E_{av} [lx]
294

E_{min} [lx]
225

E_{max} [lx]
387

u_0
0.77

E_{min} / E_{max}
0.58