

Stadio Mirabello

ZUMTOBEL Group

Project code: 0002315263

Notes:

Symmetry Y enabled
Maintenance Factor: 0,9

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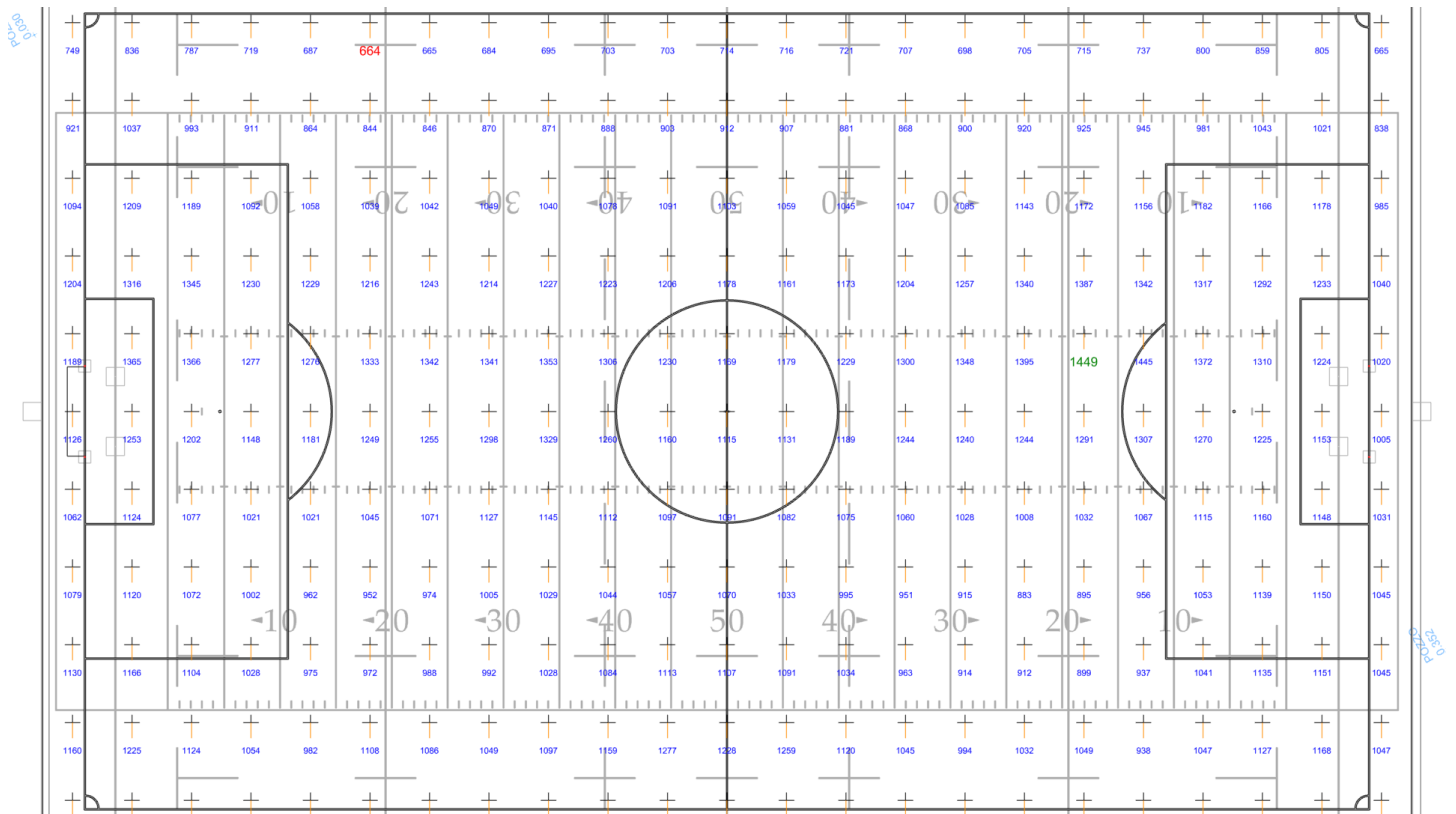
Order No	Quantity	Luminaire Type	Power per luminaire	Power [W]	Lum.Flux per Luminaire	Lum.Flux [lm]
ALG5 504L125-957T86 MB	32	ALG5 504L125-957T86 MB	1870	59840	199615	6387680
ALG5 504L125-957T86 WB	16	ALG5 504L125-957T86 WB	1870	29920	197421	3158736
1400993332	32	ALG5 504L125-957T86 NB	1870	59840	202905	6492960
Total installed load				149,60kW		16039376lm

Results

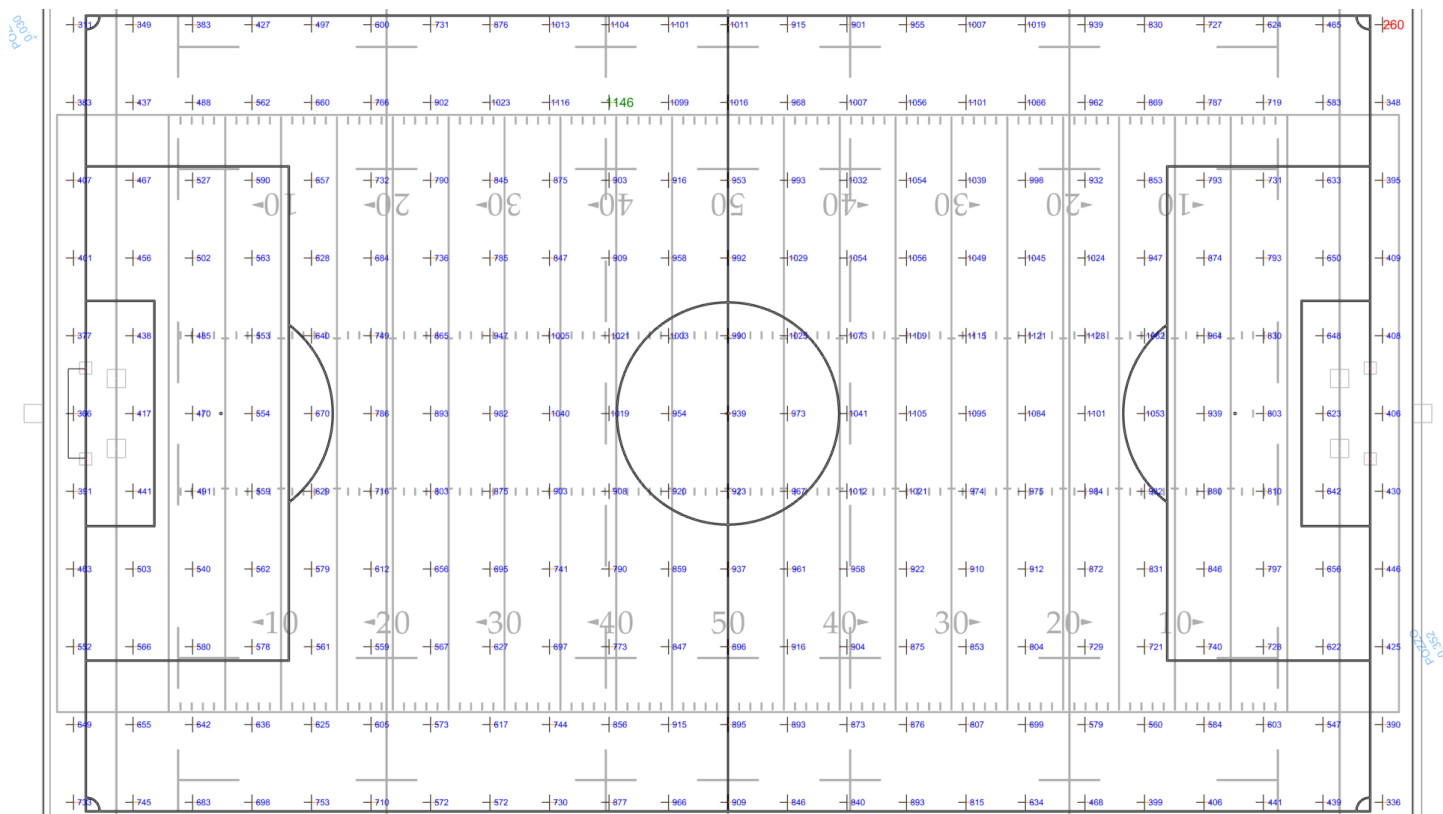
Grid name	Calculation metric	Illumination				Calculation parameters			Illumination Req.					GR
		EAvg	EMin	U0	U1	Height	Angle	Camera	Req. EAvg	Req. EMin	Req. U0	Req. U1	Req. MAUR	MaxGr
Rugby TA (112x70 m)	Vertical	1073	664	0,62	0,46	1,00	270,00	-						-
Rugby TA (112x70 m)	Vertical	767	260	0,34	0,23	1,00	0,00	-						-
Rugby TA (112x70 m)	Vertical	705	223	0,32	0,21	1,00	180,00	-						-
Rugby TA (112x70 m)	Vertical	615	314	0,51	0,34	1,00	90,00	-						-
Rugby TA (112x70 m)	Oriented	1068	647	0,61	0,39	1,50	0,00	Camera 1						-
Rugby TA (112x70 m)	Horizontal	1139	838	0,74	0,57	0,00	0,00	-						-
Rugby TA (112x70 m)	GR EN 12464-2	-	-	-	-	-	-	-						43,00
Campo da calcio (105x65 m)	Vertical	800	375	0,47	0,32	1,00	0,00	-						-
Campo da calcio (105x65 m)	Vertical	735	355	0,48	0,31	1,00	180,00	-						-

Campo da calcio (105x65 m)	Vertical	633	401	0,63	0,43	1,00	90,00	-							-
Campo da calcio (105x65 m)	Vertical	1096	708	0,65	0,49	1,00	270,00	-							-
Campo da calcio (105x65 m)	Oriented	1085	724	0,67	0,44	1,50	0,00	Camera 1							-
Campo da calcio (105x65 m)	Horizontal	1144	940	0,82	0,63	0,00	0,00	-							-
Rugby PA (100x70 m)	Vertical	1075	654	0,61	0,45	1,00	270,00	-							-
Rugby PA (100x70 m)	Vertical	806	345	0,43	0,30	1,00	0,00	-							-
Rugby PA (100x70 m)	Vertical	743	291	0,39	0,26	1,00	180,00	-							-
Rugby PA (100x70 m)	Vertical	615	381	0,62	0,41	1,00	90,00	-							-
Rugby PA (100x70 m)	Oriented	1079	674	0,62	0,41	1,50	0,00	Camera 1							-
Rugby PA (100x70 m)	Horizontal	1139	947	0,83	0,65	0,00	0,00	-							-
Football americano (109,72x49,76 m)	Vertical	793	376	0,47	0,33	1,00	0,00	-							-

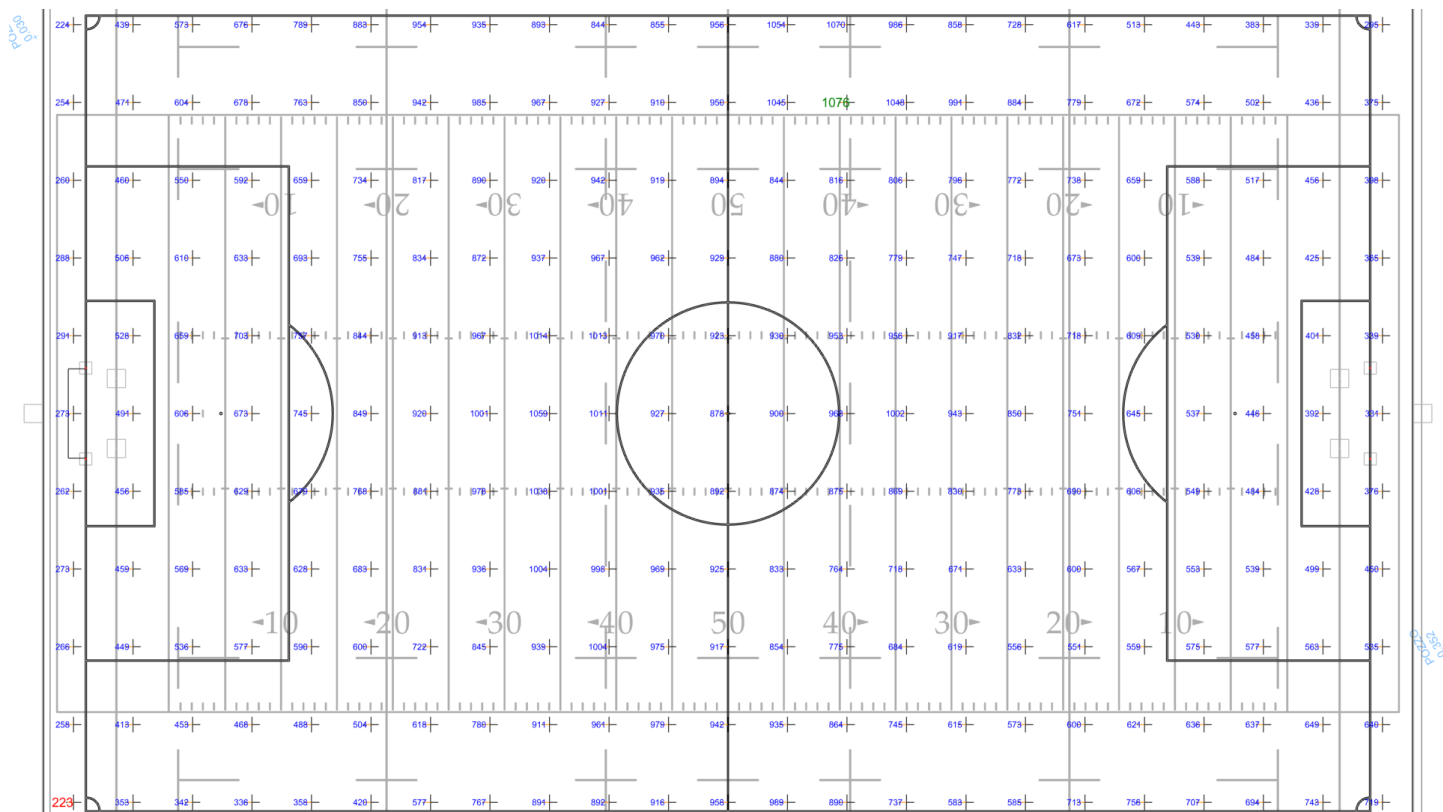
Football americano (109,72x49,76 m)	Vertical	655	477	0,73	0,51	1,00	90,00	-							-
Football americano (109,72x49,76 m)	Vertical	717	324	0,45	0,31	1,00	180,00	-							-
Football americano (109,72x49,76 m)	Vertical	1132	880	0,78	0,61	1,00	270,00	-							-
Football americano (109,72x49,76 m)	Oriented	1098	794	0,72	0,57	1,50	0,00	Camera 1							-
Football americano (109,72x49,76 m)	Horizontal	1117	944	0,85	0,70	0,00	0,00	-							-



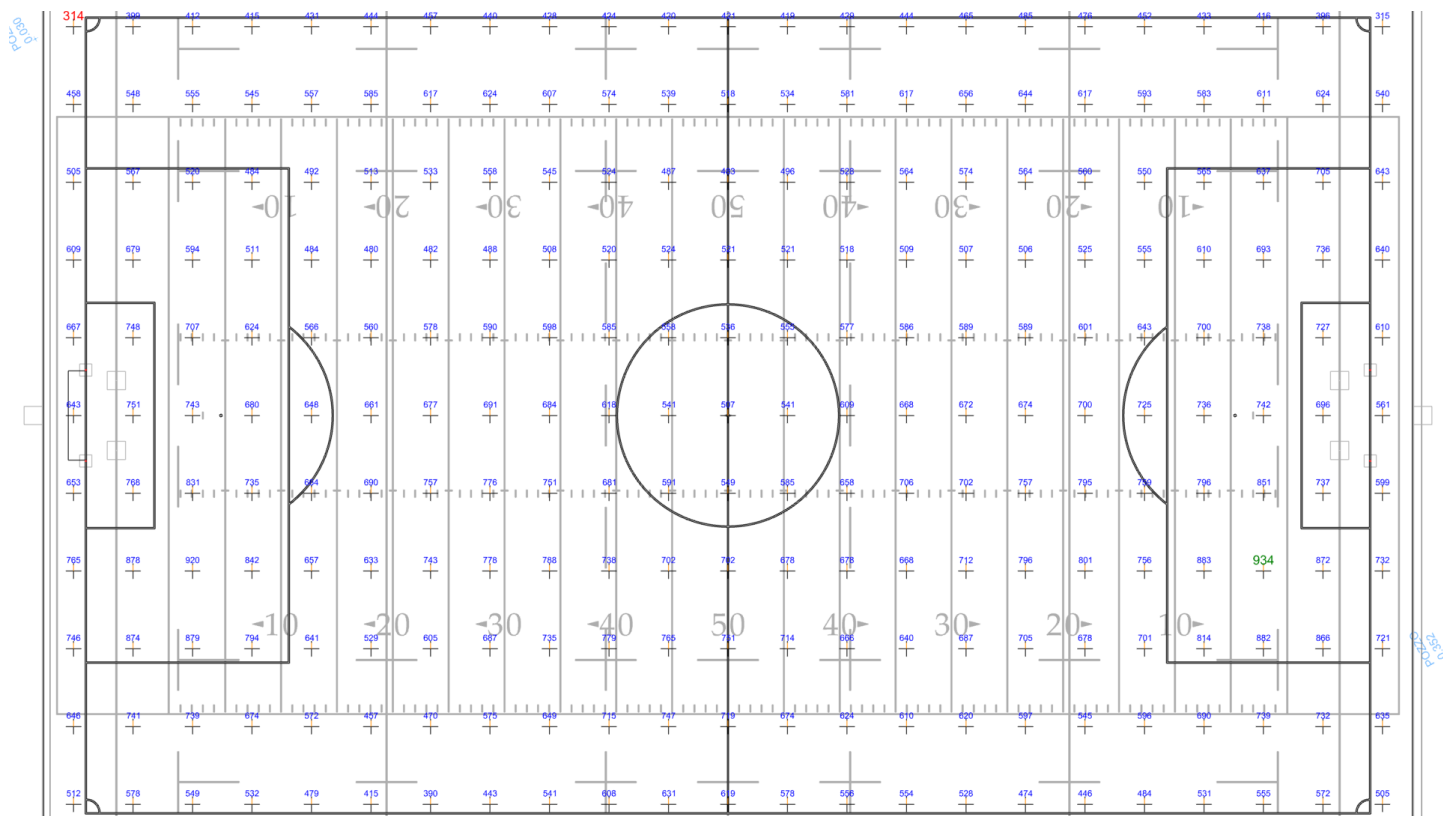
Result Name	Calc.Type	DisplayMode	Height	Angle	Eavg	Emin	Emax	U0	U1	MAUR	Req.Eavg	Req.Emin	Req.U0	Req.U1	Req.MAUR
Rugby TA (112x70 m)	Vertical	Illuminance	1,00m	270°	1073lx	664lx	1449lx	0,62	0,46	0,65	1000lx	0lx	0,60	0,40	0,60



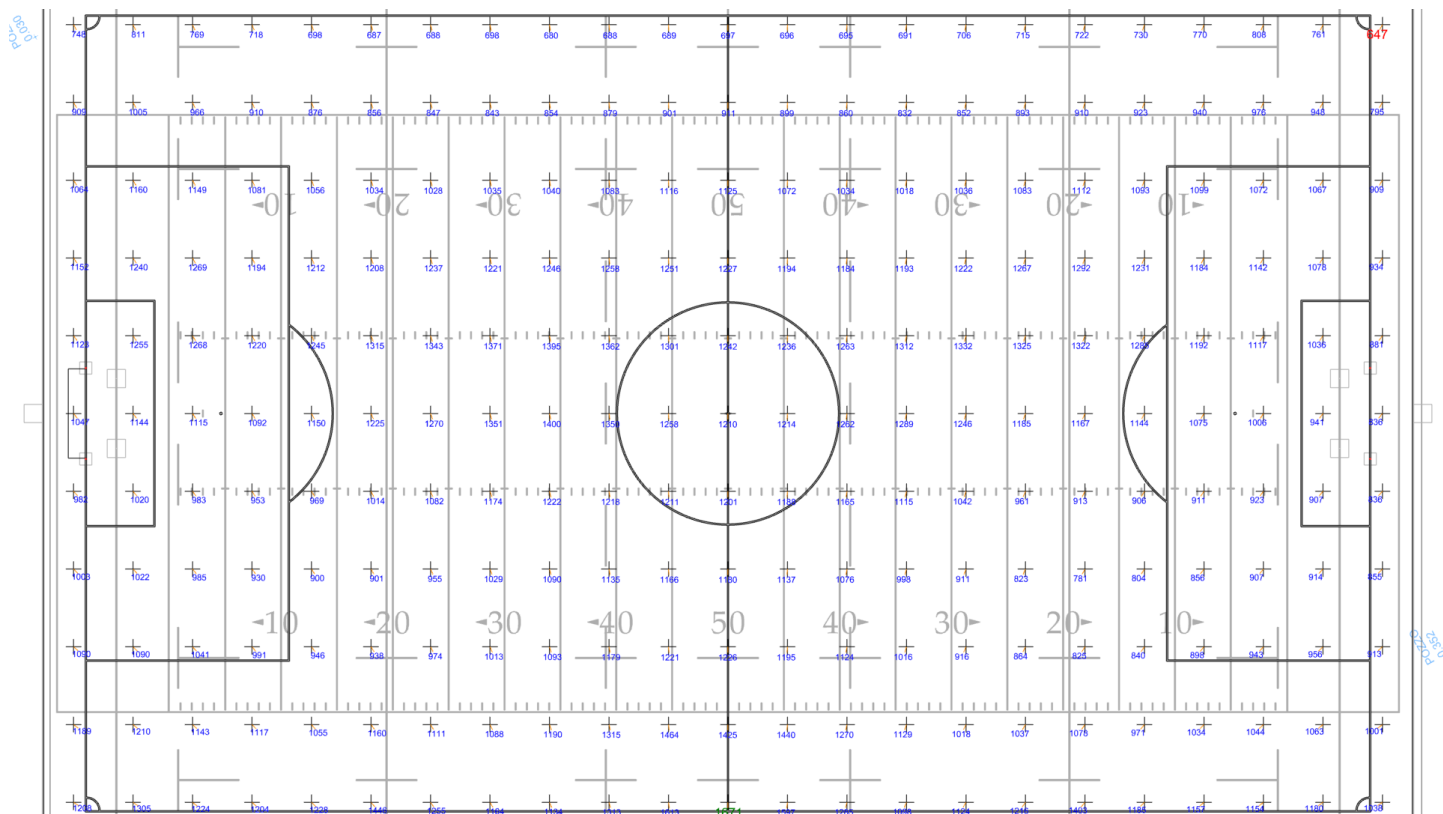
Result Name	Calc.Type	DisplayMode	Height	Angle	Eavg	Emin	Emax	U0	U1	MAUR	Req.Eavg	Req.Emin	Req.U0	Req.U1	Req.MAUR
Rugby TA (112x70 m)	Vertical	Illuminance	1,00m	0°	767lx	260lx	1146lx	0,34	0,23	0,45	500lx	0lx	0,00	0,00	0,60



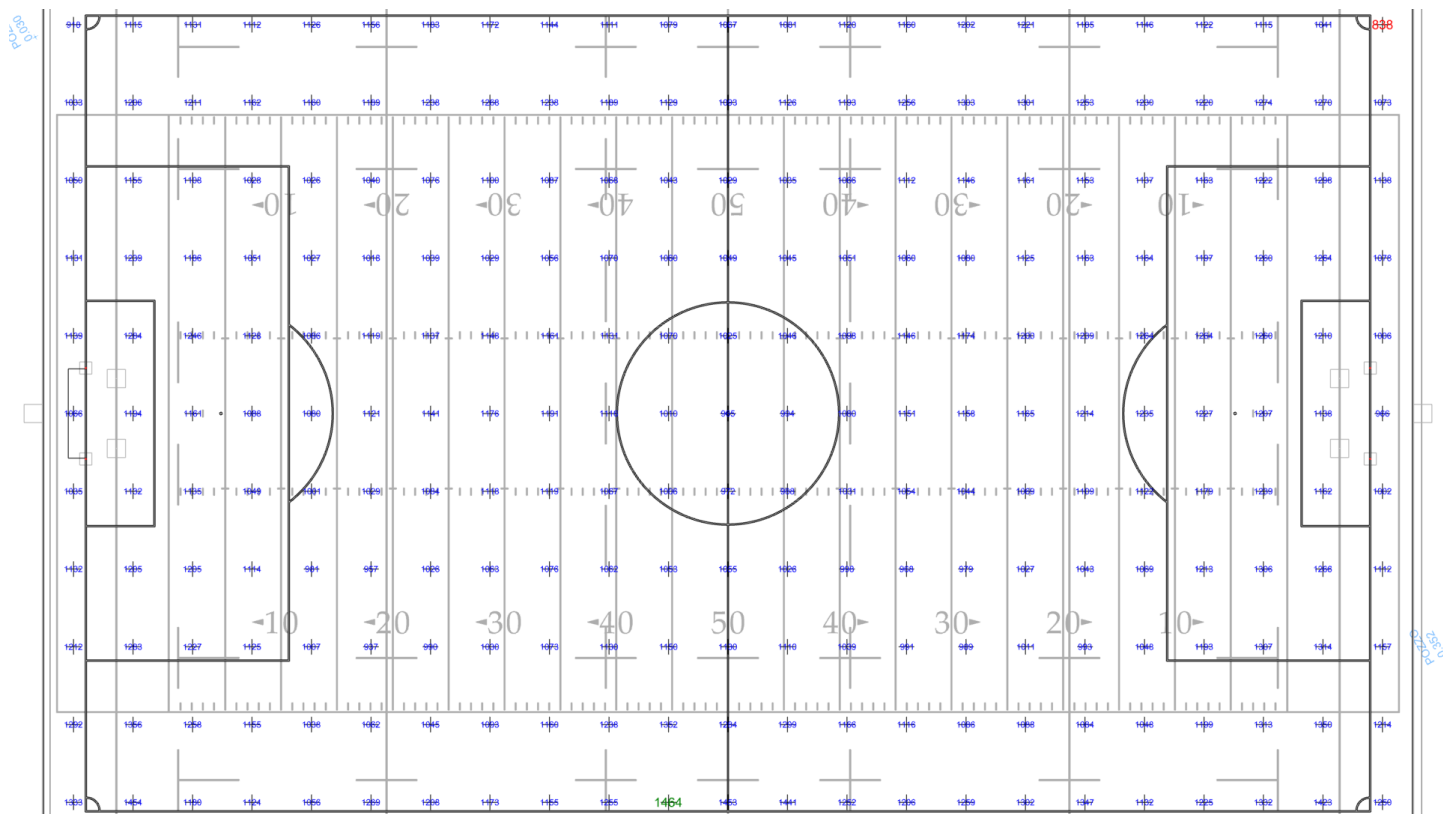
Result Name	Calc.Type	DisplayMode	Height	Angle	Eavg	Emin	Emax	U0	U1	MAUR	Req.Eavg	Req.Emin	Req.U0	Req.U1	Req.MAUR
Rugby TA (112x70 m)	Vertical	Illuminance	1,00m	180°	705lx	223lx	1076lx	0,32	0,21	0,48	500lx	0lx	0,00	0,00	0,60



Result Name	Calc.Type	DisplayMode	Height	Angle	Eavg	Emin	Emax	U0	U1	MAUR	Req.Eavg	Req.Emin	Req.U0	Req.U1	Req.MAUR
Rugby TA (112x70 m)	Vertical	Illuminance	1,00m	90°	615lx	314lx	934lx	0,51	0,34	0,50	500lx	0lx	0,00	0,00	0,60



Result Name	Calc.Type	DisplayMode	Height	Camera	Eavg	Emin	Emax	U0	U1	MAUR	Req.Eavg	Req.Emin	Req.U0	Req.U1	Req.MAUR
Rugby TA (112x70 m)	Oriented	Illuminance	1,50m	Camera 1	1068lx	647lx	1671lx	0,61	0,39	0,68	1000lx	0lx	0,60	0,40	0,60



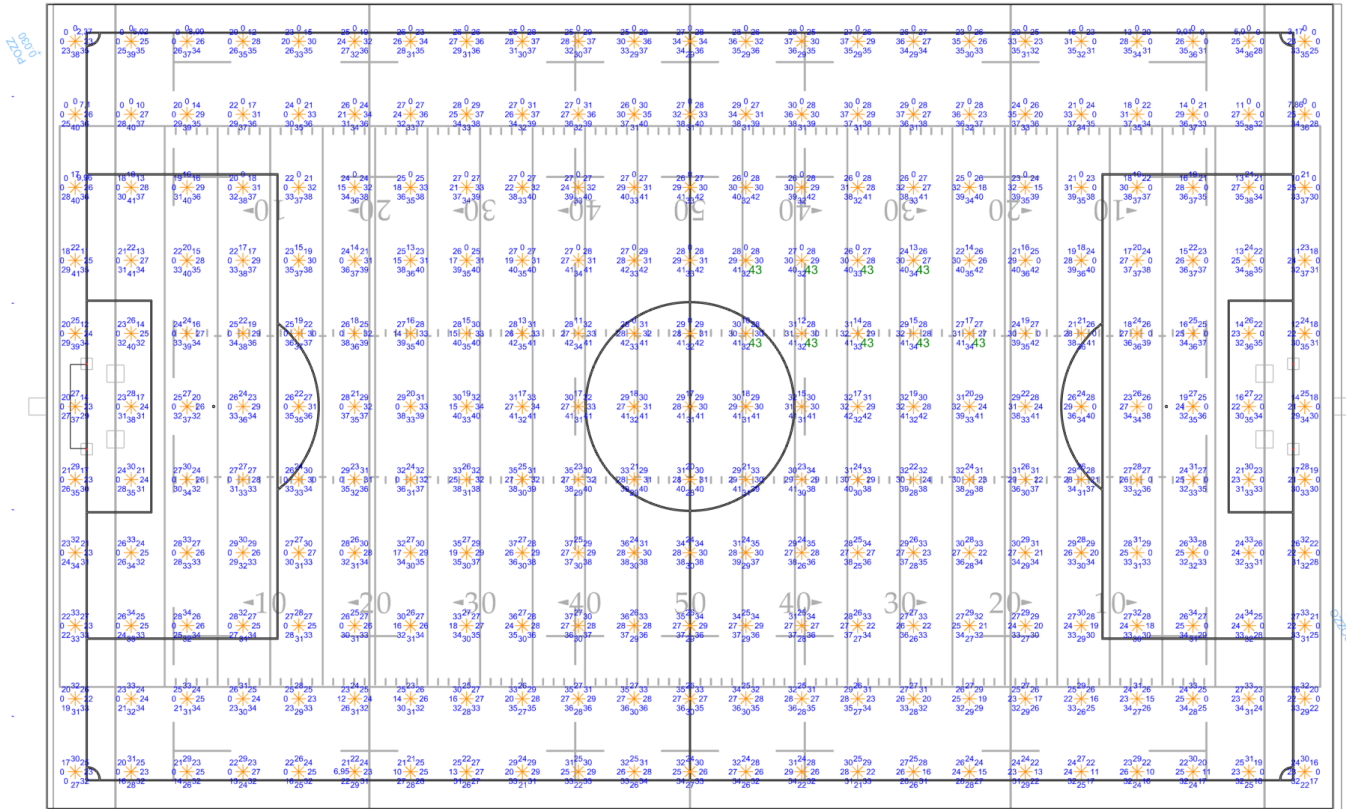
Result Name	Calc.Type	DisplayMode	Height	Eavg	Emin	Emax	U0	U1	MAUR	Req.Eavg	Req.Emin	Req.U0	Req.U1	Req.MAUR
Rugby TA (112x70 m)	Horizontal	Illuminance	0,00m	1139lx	838lx	1464lx	0,74	0,57	0,66	1000lx	0lx	0,80	0,50	0,60

Views

Rugby TA (112x70 m)-GR EN
12464-2

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Result Name	Calc. Type	Height	StepWidth	Inclination	MaxGR	GrAvg	GrMax	GrMin
Rugby TA (112x70 m)	GR EN 12464-2	1,5	45	-2	50	26	43	0

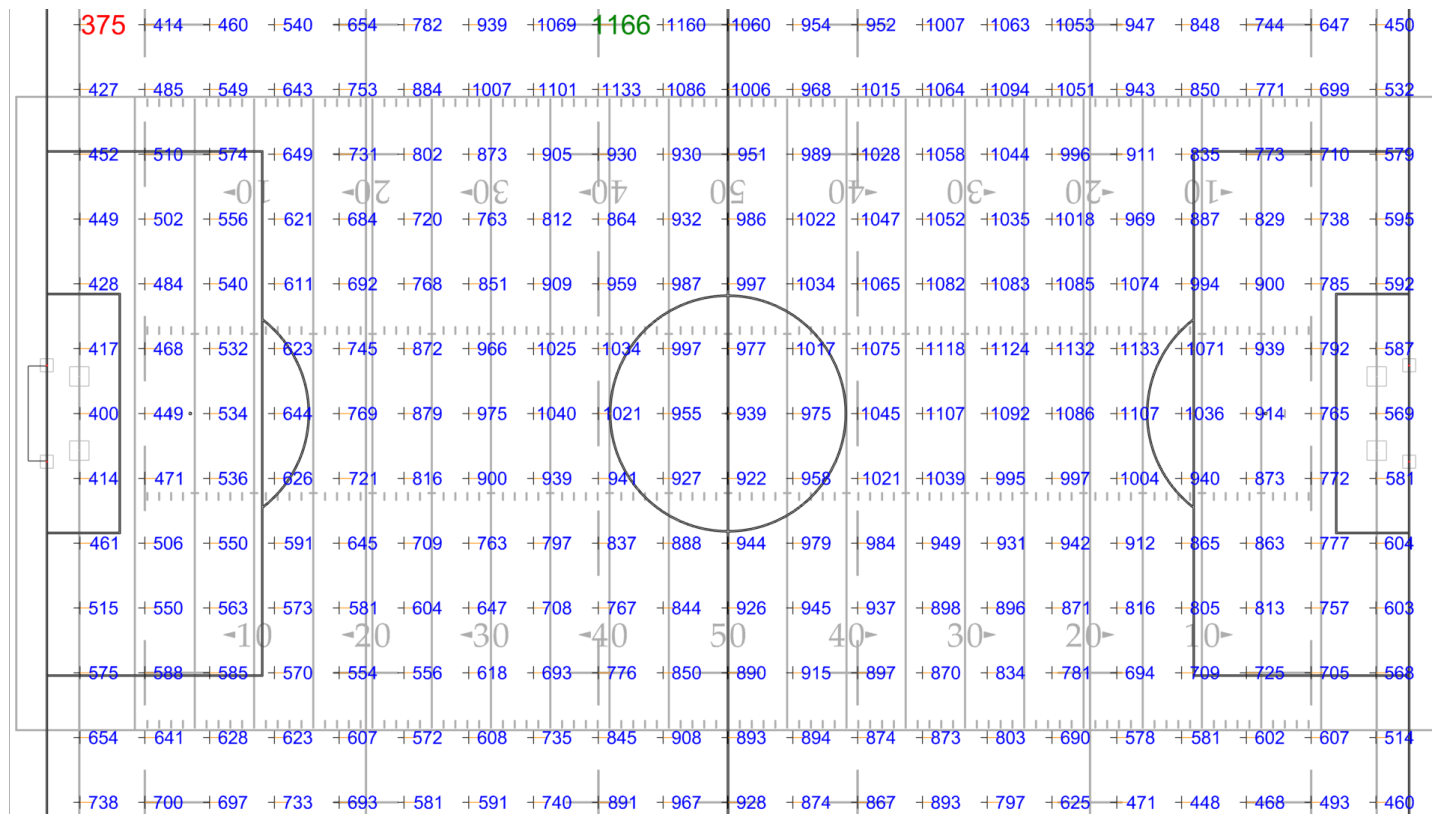
Views

Campo da calcio (105x65 m)-

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Vertical



Result Name	Calc.Type	DisplayMode	Height	Angle	Eavg	Emin	Emax	U0	U1	MAUR	Req.Eavg	Req.Emin	Req.U0	Req.U1	Req.MAUR
Campo da calcio (105x65 m)	Vertical	Illuminance	1,00m	0°	800lx	375lx	1166lx	0,47	0,32	0,64	500lx	0lx	0,00	0,00	0,60

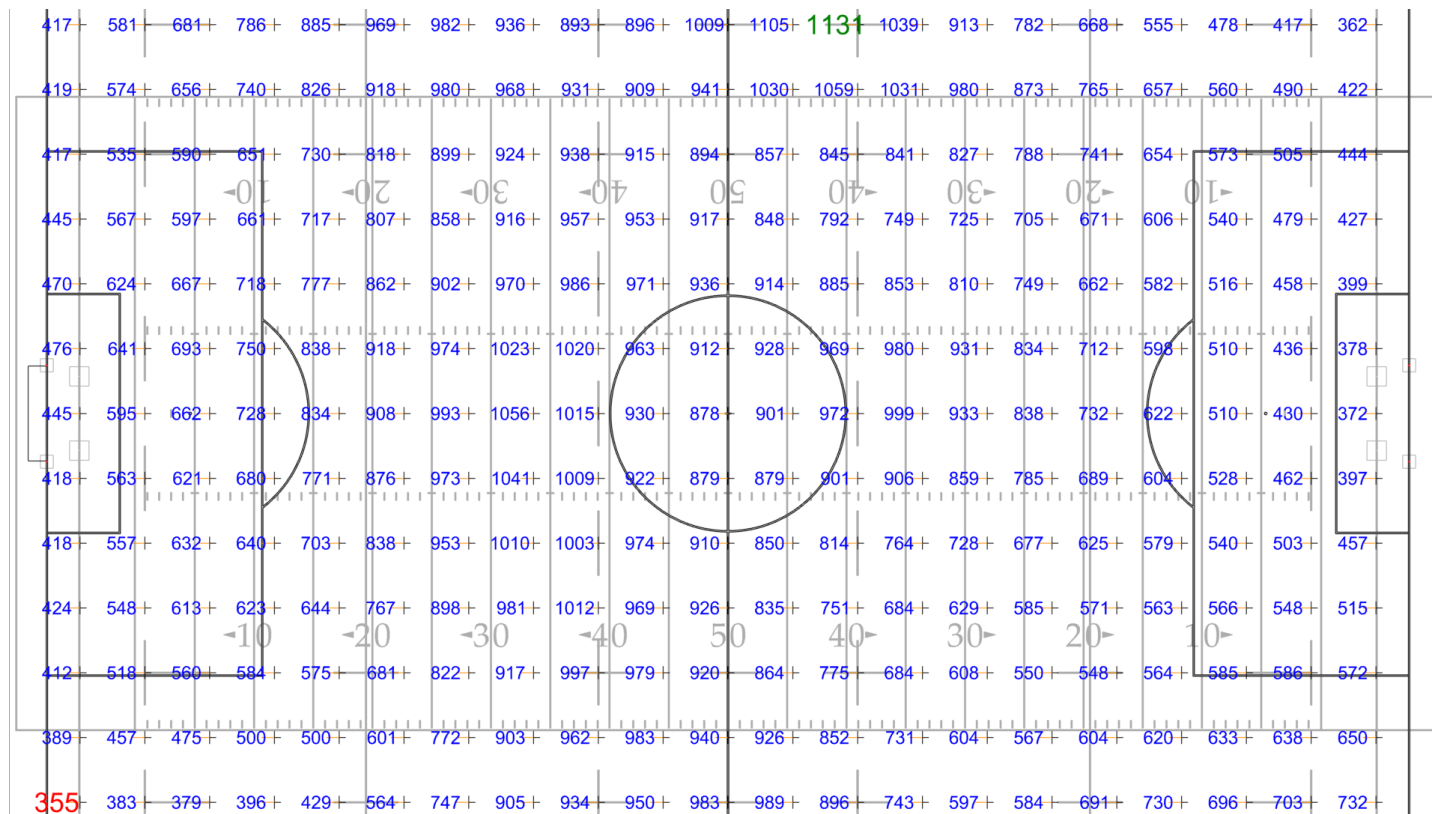
Views

Campo da calcio (105x65 m)-

Stadio Mirabello

Date: 15/04/2024

Vertical



Result Name	Calc.Type	DisplayMode	Height	Angle	Eavg	Emin	Emax	U0	U1	MAUR	Req.Eavg	Req.Emin	Req.U0	Req.U1	Req.MAUR
Campo da calcio (105x65 m)	Vertical	Illuminance	1,00m	180°	735lx	355lx	1131lx	0,48	0,31	0,69	500lx	0lx	0,00	0,00	0,60

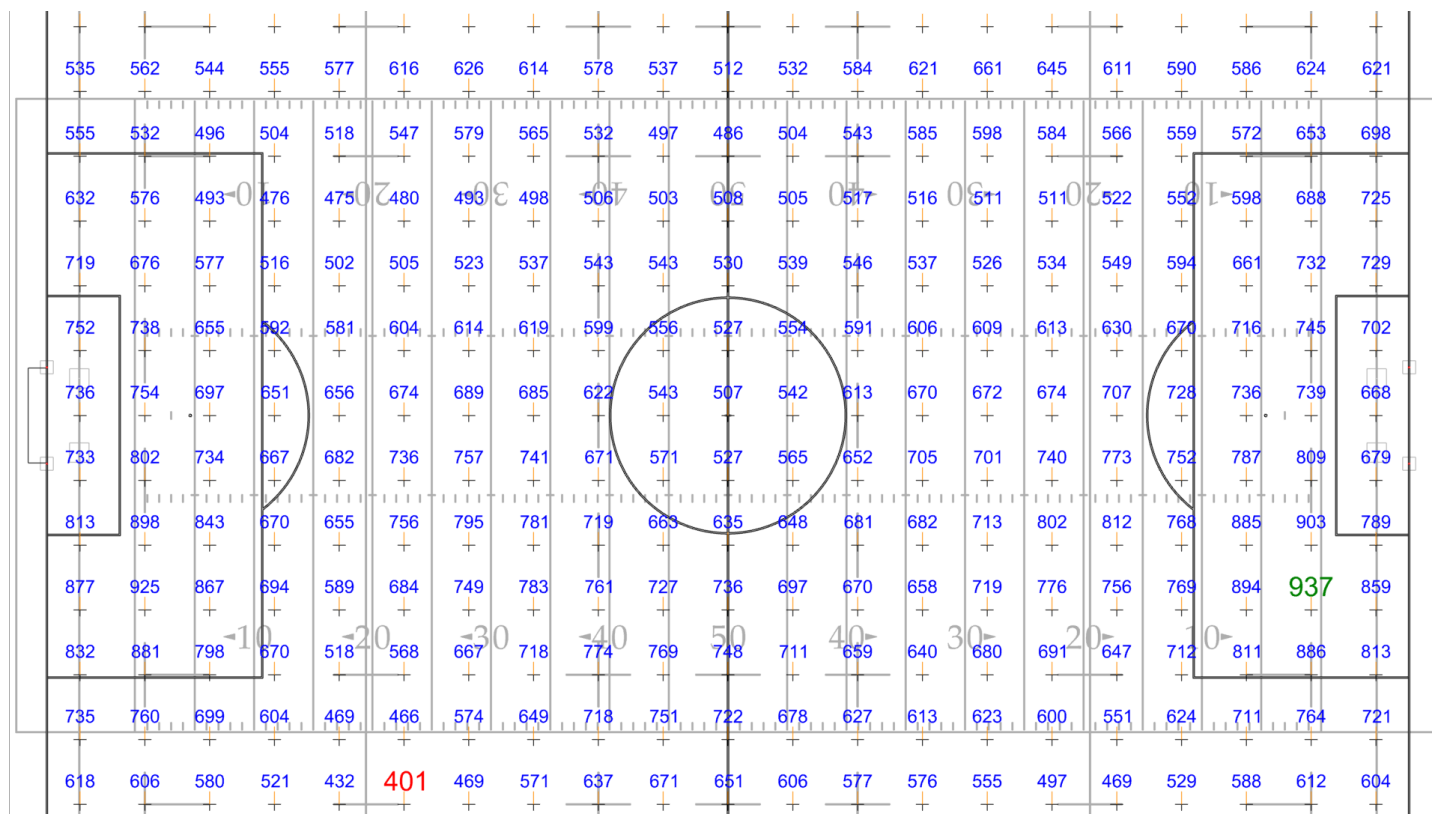
Views

Campo da calcio (105x65 m)-

Stadio Mirabello

Date: 15/04/2024

Vertical



Result Name	Calc.Type	DisplayMode	Height	Angle	Eavg	Emin	Emax	U0	U1	MAUR	Req.Eavg	Req.Emin	Req.U0	Req.U1	Req.MAUR
Campo da calcio (105x65 m)	Vertical	Illuminance	1,00m	90°	633lx	401lx	937lx	0,63	0,43	0,70	500lx	0lx	0,00	0,00	0,60

Views

Campo da calcio (105x65 m)-

Stadio Mirabello

Date: 15/04/2024

Vertical



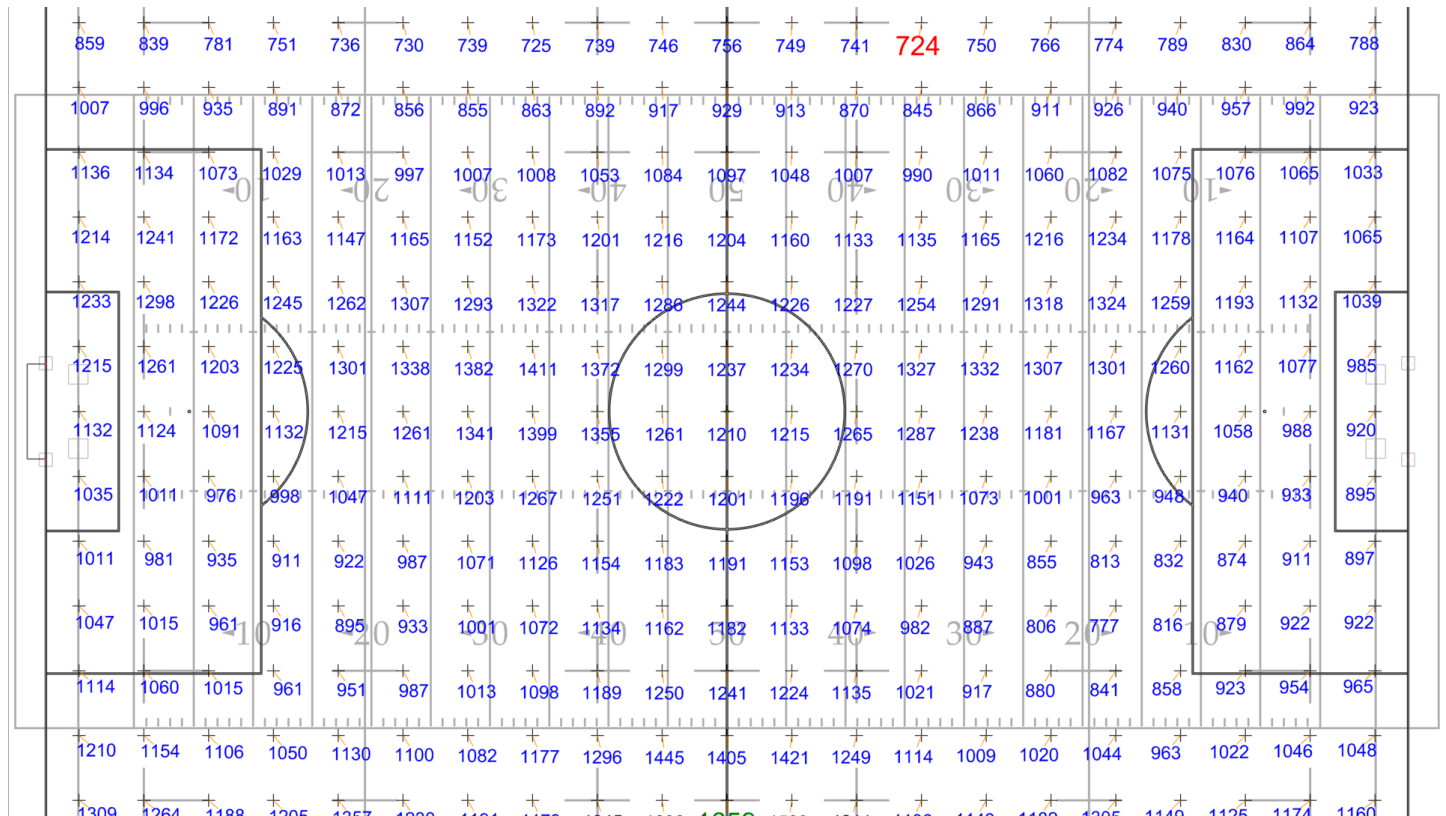
Result Name	Calc.Type	DisplayMode	Height	Angle	Eavg	Emin	Emax	U0	U1	MAUR	Req.Eavg	Req.Emin	Req.U0	Req.U1	Req.MAUR
Campo da calcio (105x65 m)	Vertical	Illuminance	1,00m	270°	1096lx	708lx	1441lx	0,65	0,49	0,77	1000lx	0lx	0,60	0,40	0,60

Views

Campo da calcio (105x65 m)-
Oriented

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Date: 15/04/2024



Result Name	Calc.Type	DisplayMode	Height	Camera	Eavg	Emin	Emax	U0	U1	MAUR	Req.Eavg	Req.Emin	Req.U0	Req.U1	Req.MAUR
Campo da calcio (105x65 m)	Oriented	Illuminance	1,50m	Camera 1	1085lx	724lx	1659lx	0,67	0,44	0,74	1000lx	0lx	0,60	0,40	0,60

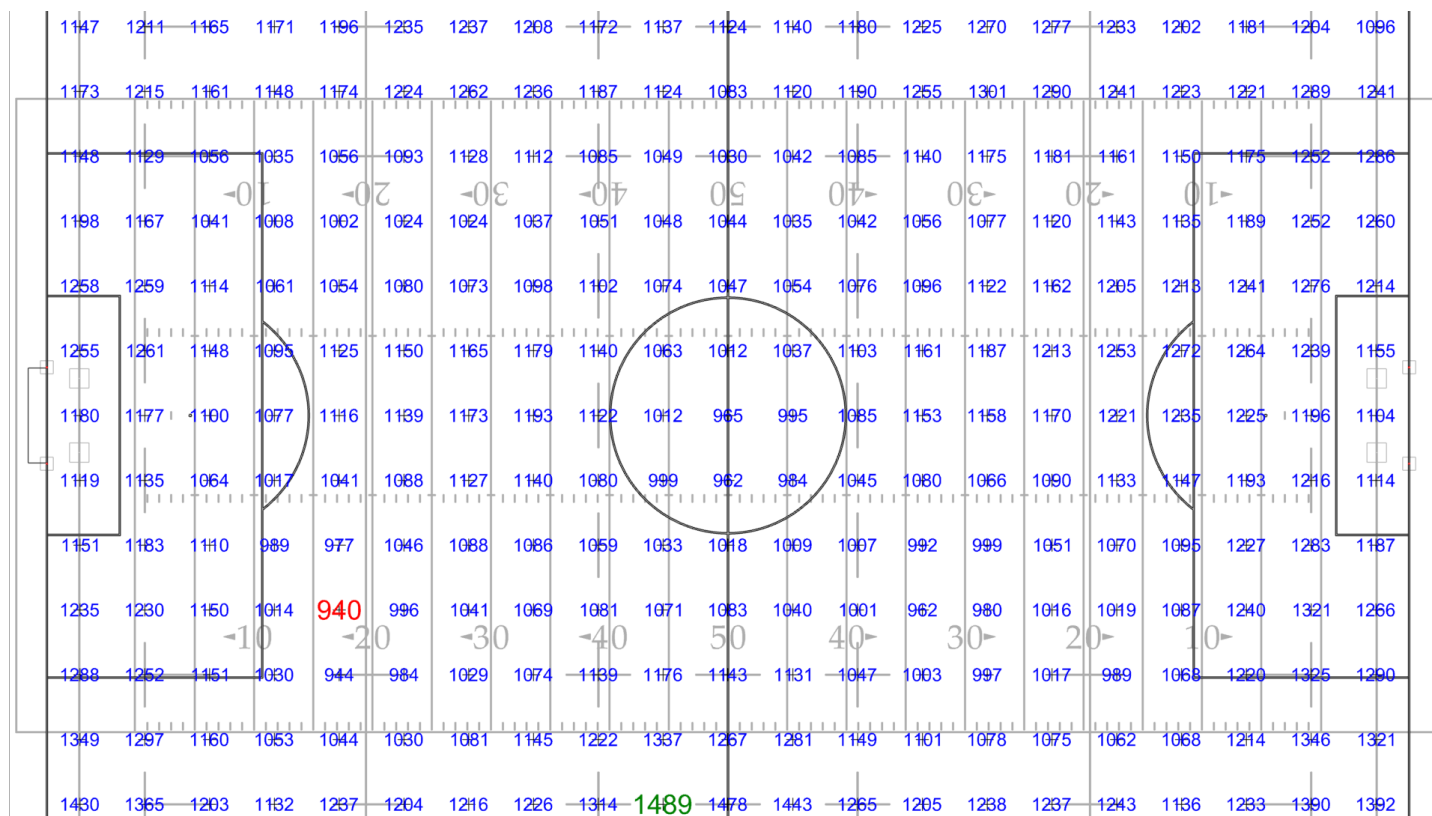
Views

Campo da calcio (105x65 m)-

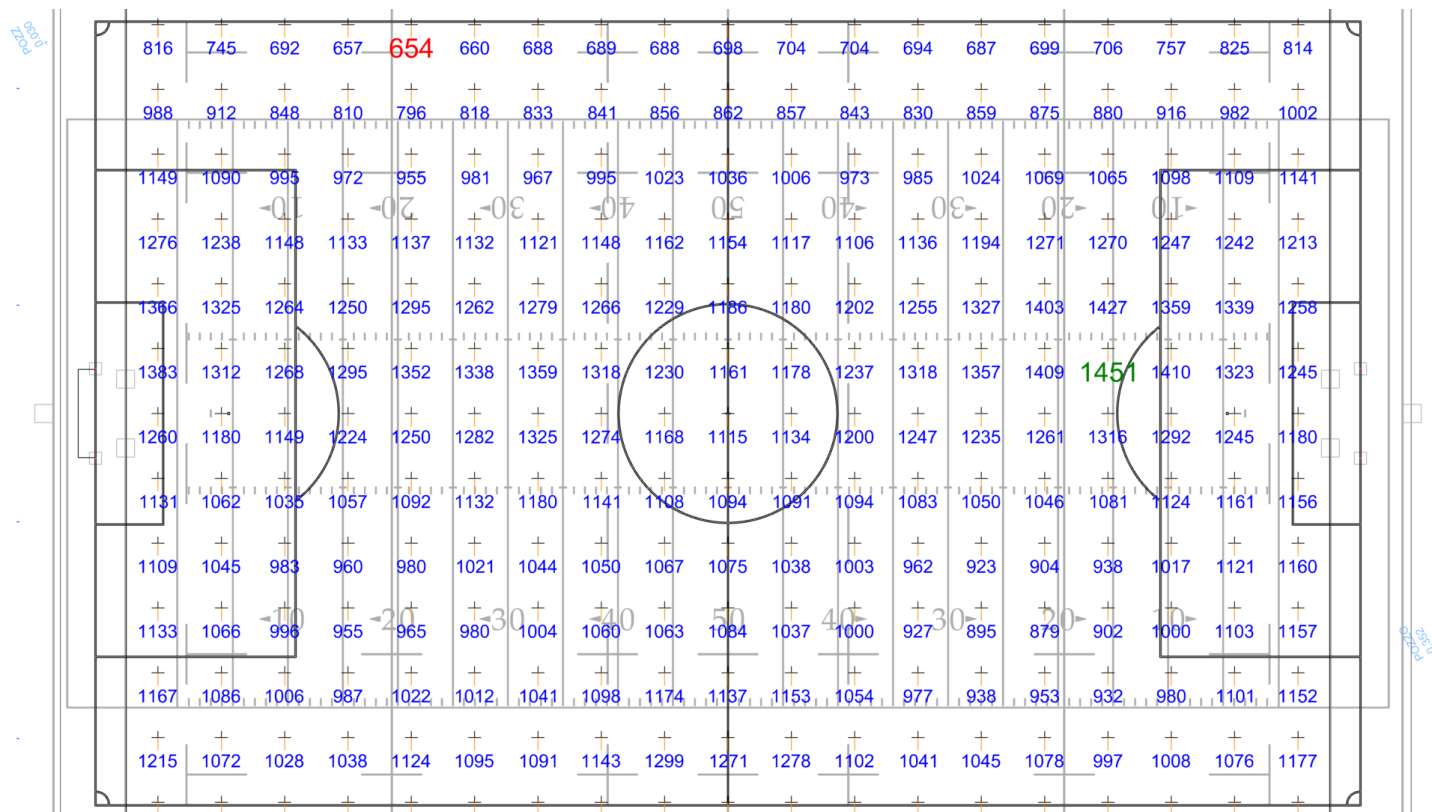
Stadio Mirabello

Date: 15/04/2024

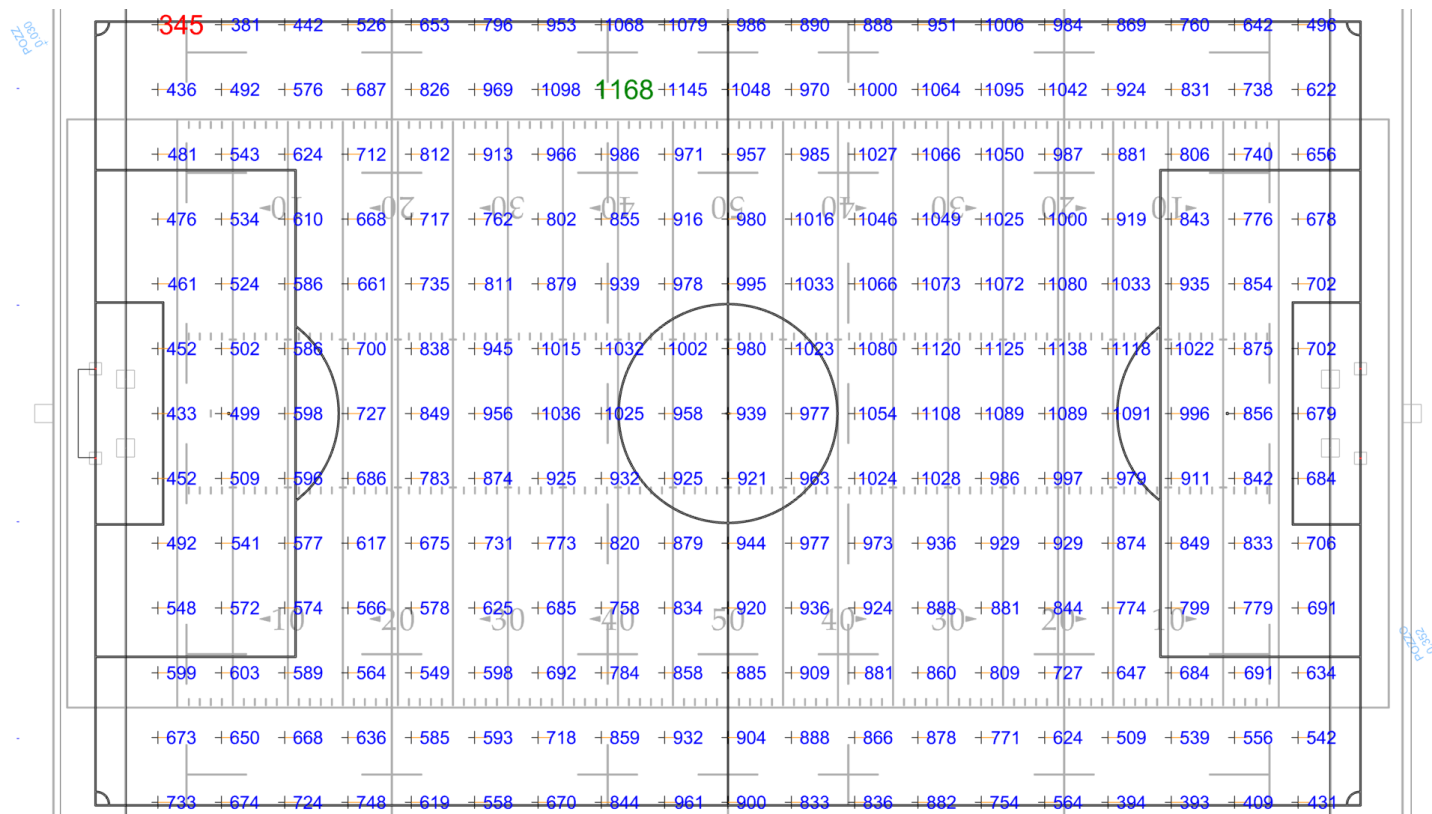
Horizontal



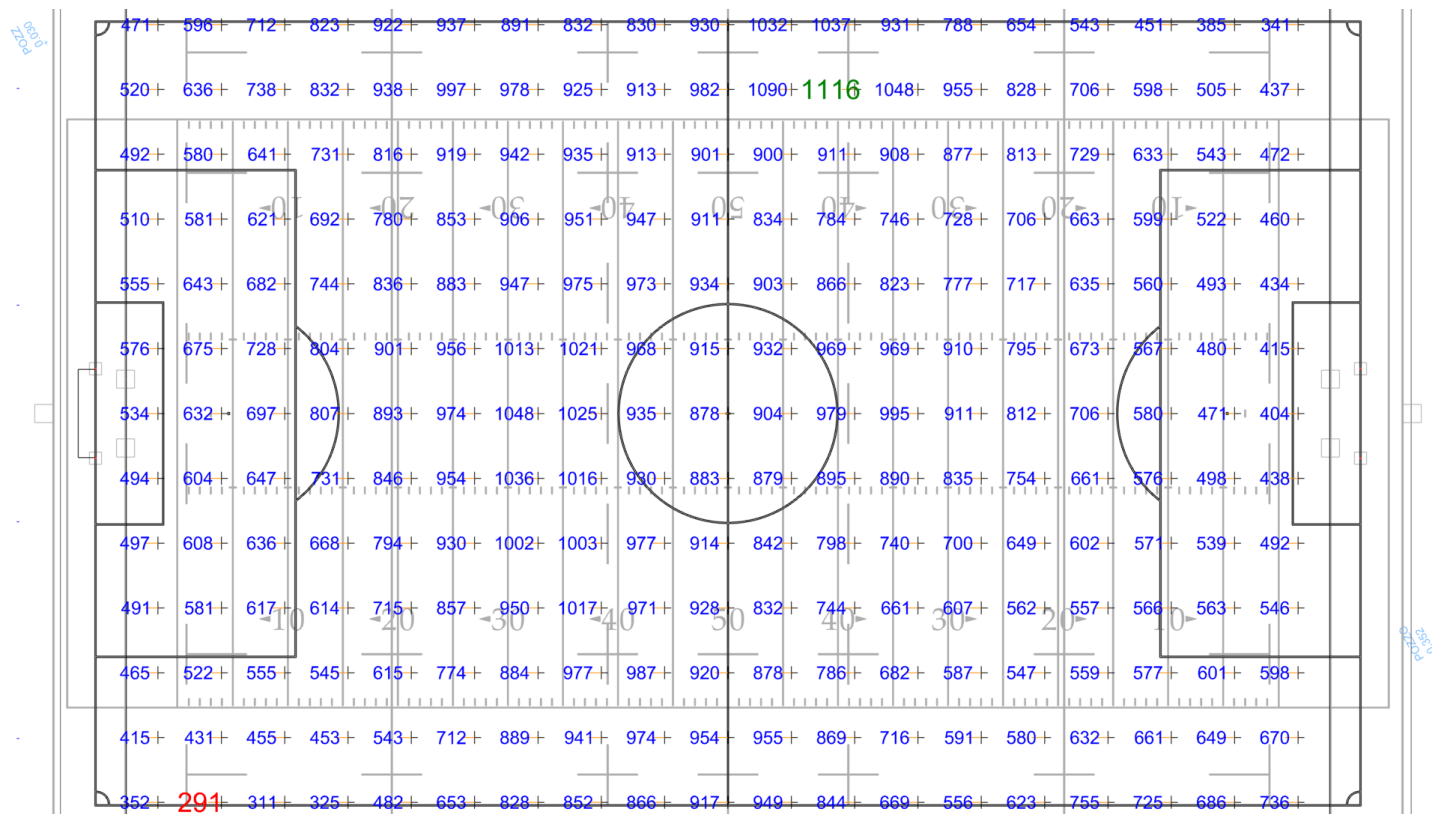
Result Name	Calc.Type	DisplayMode	Height	Eavg	Emin	Emax	U0	U1	MAUR	Req.Eavg	Req.Emin	Req.U0	Req.U1	Req.MAUR
Campo da calcio (105x65 m)	Horizontal	Illuminance	0,00m	1144lx	940lx	1489lx	0,82	0,63	0,80	1000lx	0lx	0,70	0,50	0,60



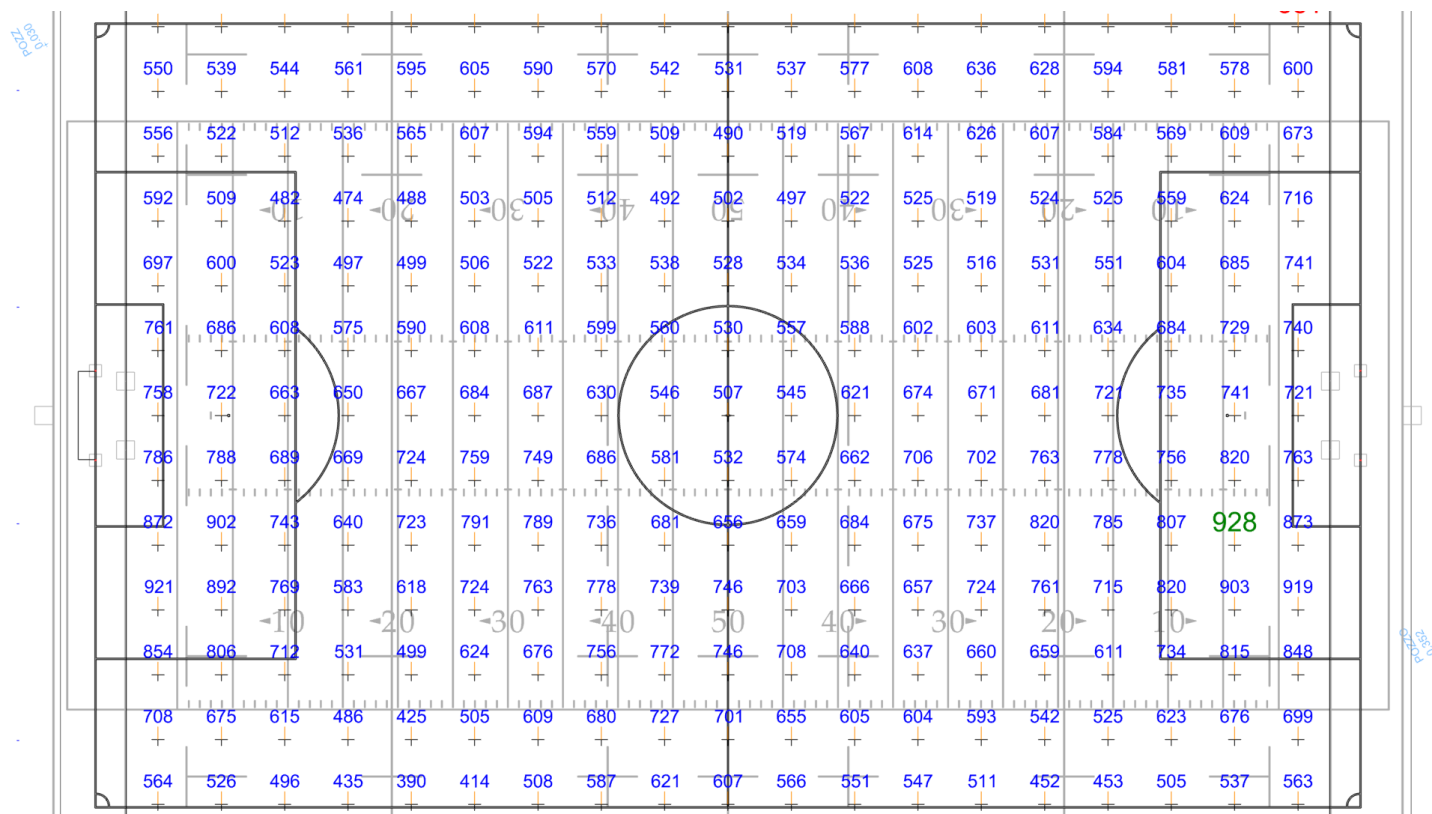
Result Name	Calc.Type	DisplayMode	Height	Angle	Eavg	Emin	Emax	U0	U1	MAUR	Req.Eavg	Req.Emin	Req.U0	Req.U1	Req.MAUR
Rugby PA (100x70 m)	Vertical	Illuminance	1,00m	270°	1075lx	654lx	1451lx	0,61	0,45	0,75	1000lx	0lx	0,60	0,40	0,60



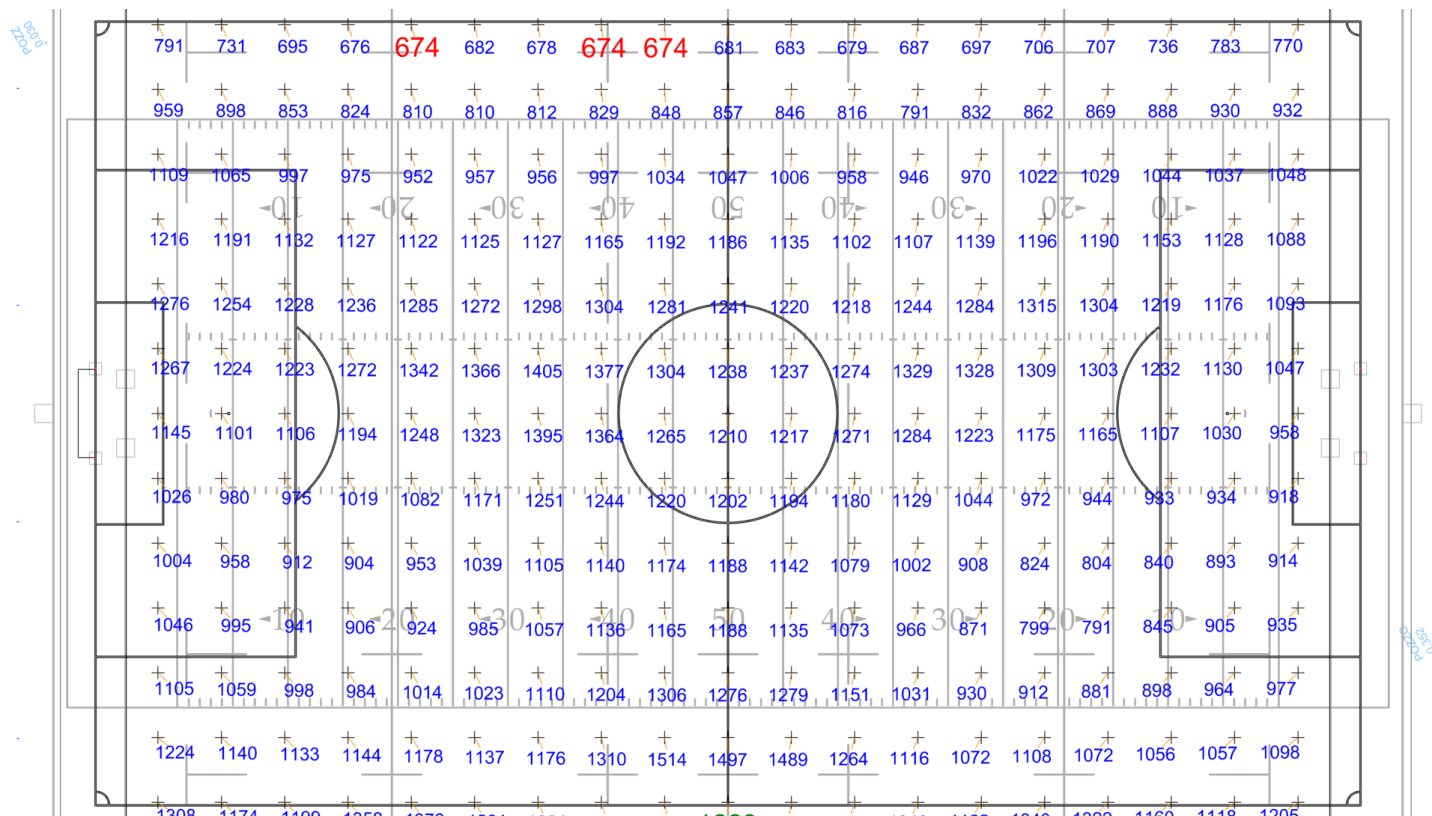
Result Name	Calc.Type	DisplayMode	Height	Angle	Eavg	Emin	Emax	U0	U1	MAUR	Req.Eavg	Req.Emin	Req.U0	Req.U1	Req.MAUR
Rugby PA (100x70 m)	Vertical	Illuminance	1,00m	0°	806lx	345lx	1168lx	0,43	0,30	0,63	500lx	0lx	0,00	0,00	0,60



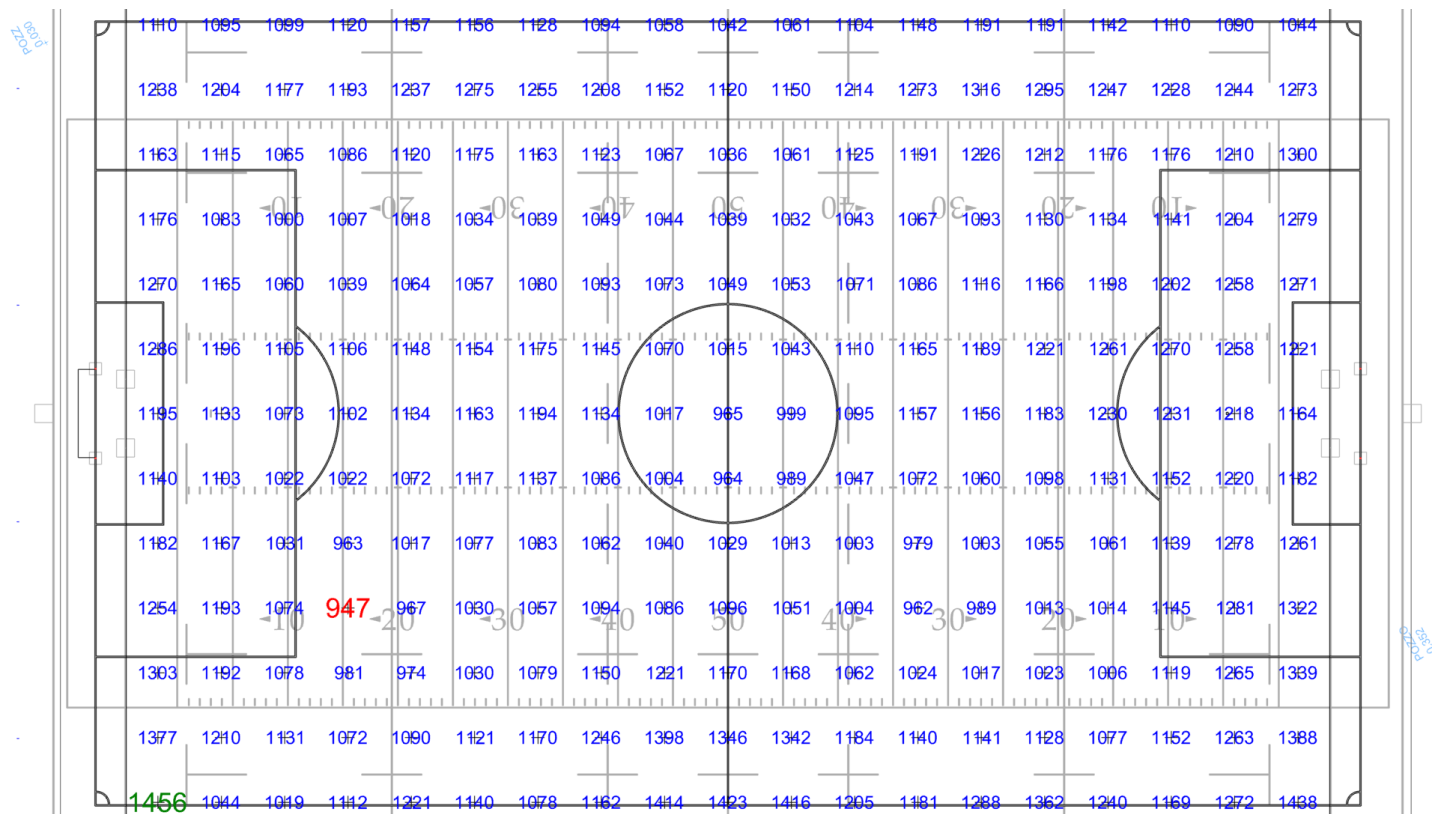
Result Name	Calc.Type	DisplayMode	Height	Angle	Eavg	Emin	Emax	U0	U1	MAUR	Req.Eavg	Req.Emin	Req.U0	Req.U1	Req.MAUR
Rugby PA (100x70 m)	Vertical	Illuminance	1,00m	180°	743lx	291lx	1116lx	0,39	0,26	0,60	500lx	0lx	0,00	0,00	0,60



Result Name	Calc.Type	DisplayMode	Height	Angle	Eavg	Emin	Emax	U0	U1	MAUR	Req.Eavg	Req.Emin	Req.U0	Req.U1	Req.MAUR
Rugby PA (100x70 m)	Vertical	Illuminance	1,00m	90°	615lx	381lx	928lx	0,62	0,41	0,63	500lx	0lx	0,00	0,00	0,60



Result Name	Calc.Type	DisplayMode	Height	Camera	Eavg	Emin	Emax	U0	U1	MAUR	Req.Eavg	Req.Emin	Req.U0	Req.U1	Req.MAUR
Rugby PA (100x70 m)	Oriented	Illuminance	1,50m	Camera 1	1079lx	674lx	1660lx	0,62	0,41	0,76	1000lx	0lx	0,60	0,40	0,60



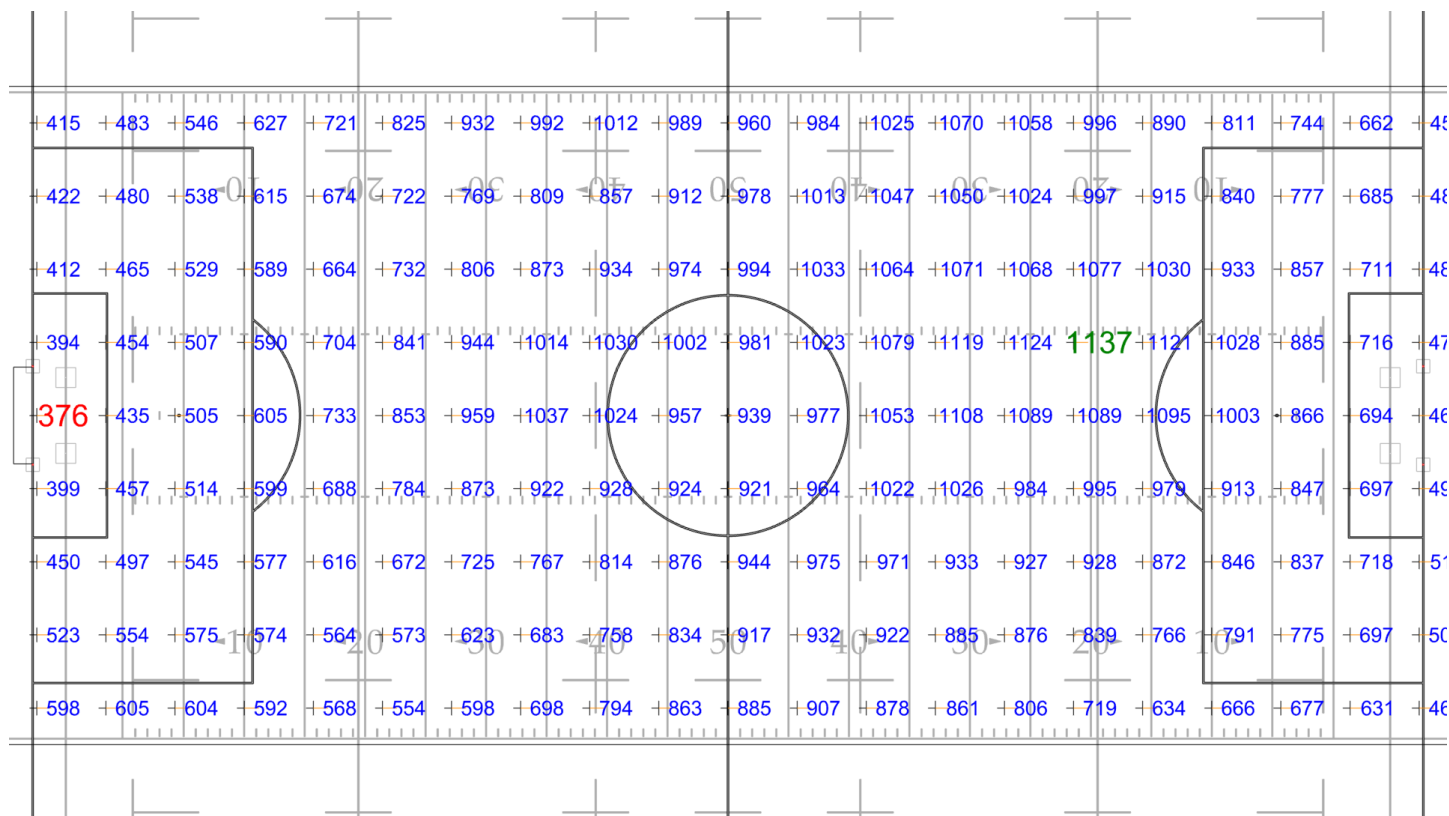
Result Name	Calc.Type	DisplayMode	Height	Eavg	Emin	Emax	U0	U1	MAUR	Req.Eavg	Req.Emin	Req.U0	Req.U1	Req.MAUR
Rugby PA (100x70 m)	Horizontal	Illuminance	0,00m	1139lx	947lx	1456lx	0,83	0,65	0,72	1000lx	0lx	0,70	0,50	0,60

Views

Football americano
(109,72x49,76 m)-Vertical

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Date: 15/04/2024



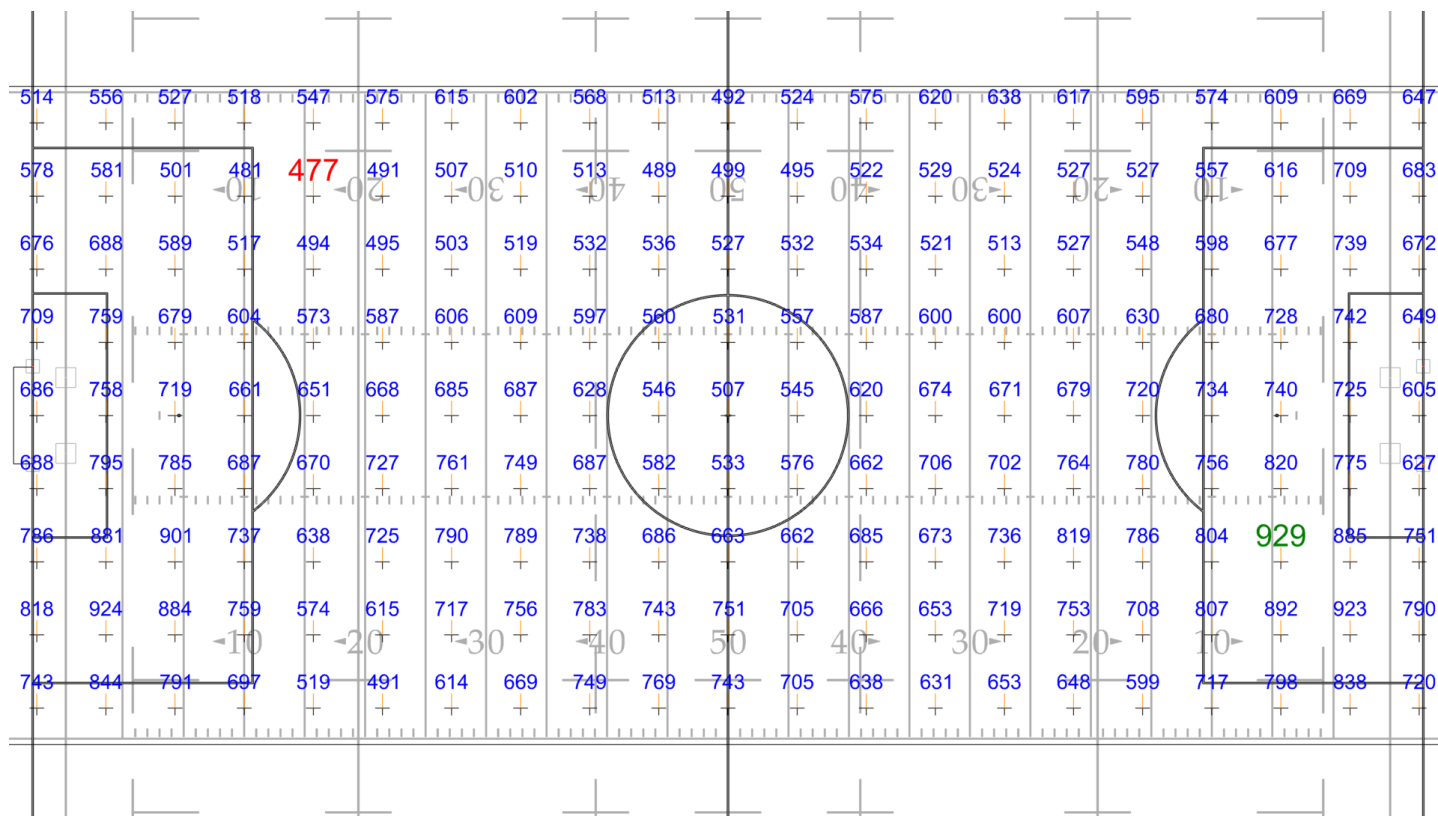
Result Name	Calc.Type	DisplayMode	Height	Angle	Eavg	Emin	Emax	U0	U1	MAUR	Req.Eavg	Req.Emin	Req.U0	Req.U1	Req.MAUR
Football americano (109,72x49,76 m)	Vertical	Illuminance	1,00m	0°	793lx	376lx	1137lx	0,47	0,33	0,65	500lx	0lx	0,00	0,00	0,60

Views

Football americano
(109,72x49,76 m)-Vertical

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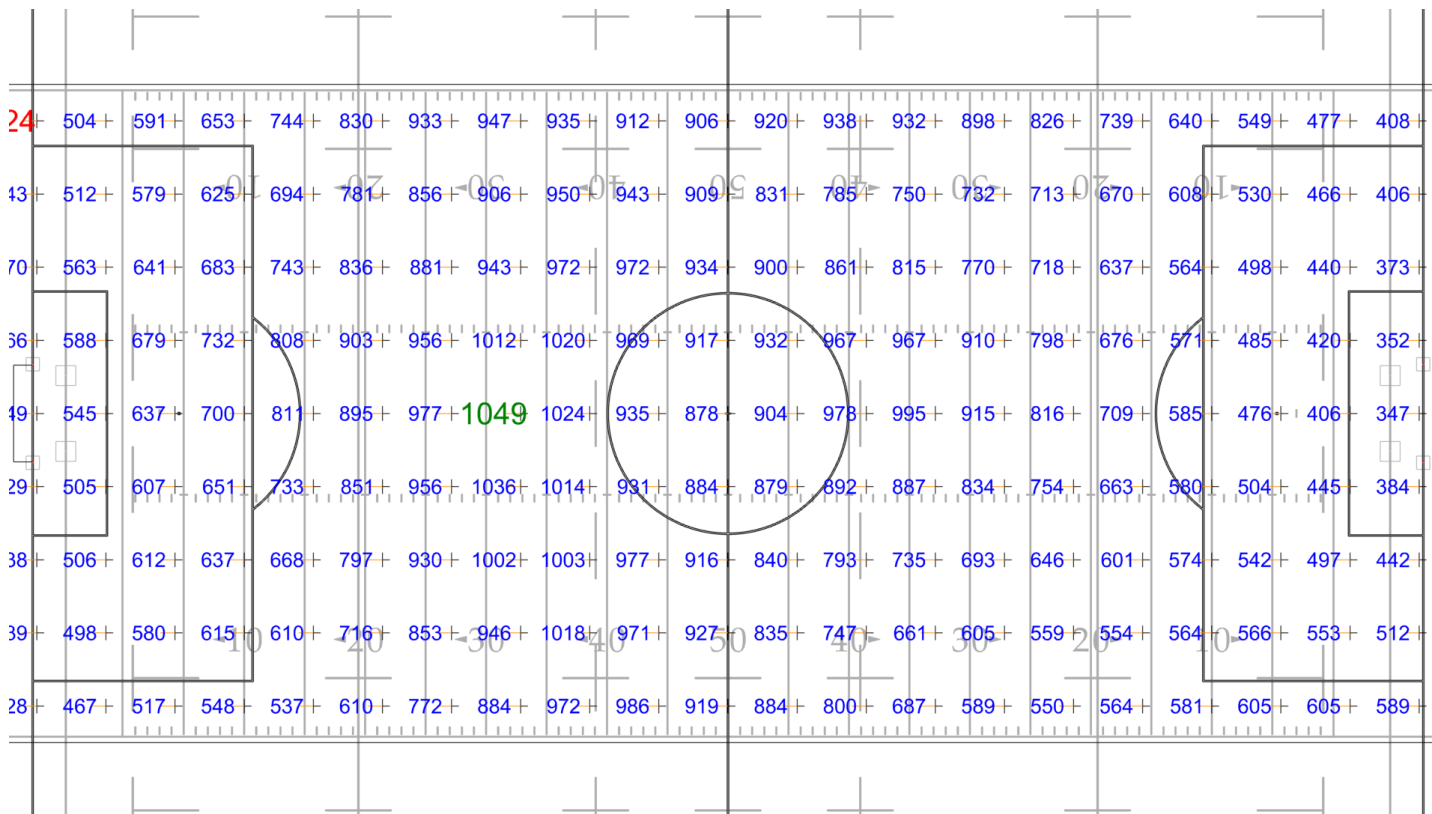
Result Name	Calc.Type	DisplayMode	Height	Angle	Eavg	Emin	Emax	U0	U1	MAUR	Req.Eavg	Req.Emin	Req.U0	Req.U1	Req.MAUR
Football americano (109,72x49,76 m)	Vertical	Illuminance	1,00m	90°	655lx	477lx	929lx	0,73	0,51	0,68	500lx	0lx	0,00	0,00	0,60

Views

Football americano
(109,72x49,76 m)-Vertical

Stadio Mirabello

Date: 15/04/2024



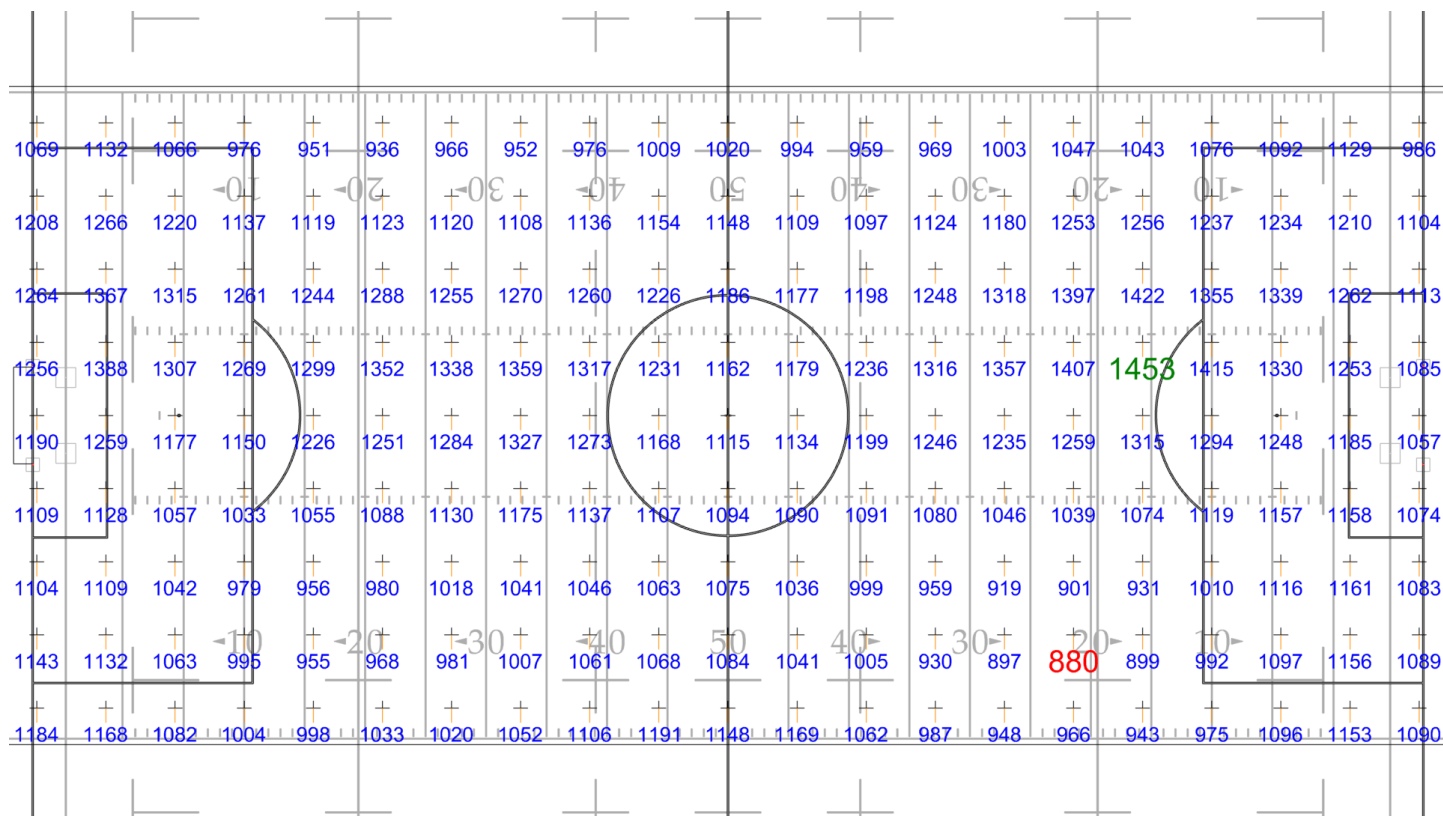
Result Name	Calc.Type	DisplayMode	Height	Angle	Eavg	Emin	Emax	U0	U1	MAUR	Req.Eavg	Req.Emin	Req.U0	Req.U1	Req.MAUR
Football americano (109,72x49,76 m)	Vertical	Illuminance	1,00m	180°	717lx	324lx	1049lx	0,45	0,31	0,59	500lx	0lx	0,00	0,00	0,60

Views

Football americano
(109,72x49,76 m)-Vertical

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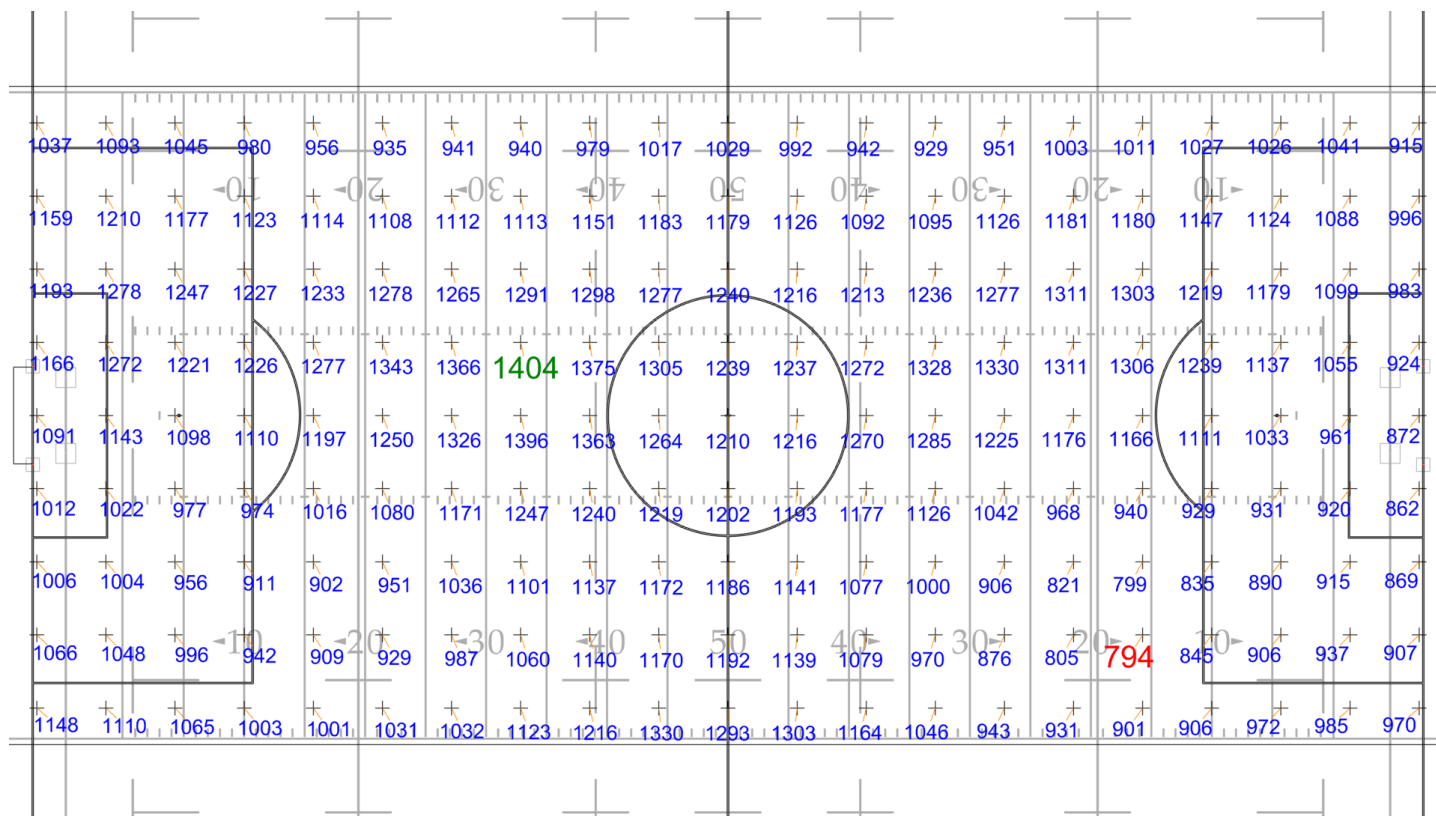
Result Name	Calc.Type	DisplayMode	Height	Angle	Eavg	Emin	Emax	U0	U1	MAUR	Req.Eavg	Req.Emin	Req.U0	Req.U1	Req.MAUR
Football americano (109,72x49,76 m)	Vertical	Illuminance	1,00m	270°	1132lx	880lx	1453lx	0,78	0,61	0,79	1000lx	0lx	0,60	0,40	0,60

Views

Football americano
(109,72x49,76 m)-Oriented

Stadio Mirabello

Date: 15/04/2024



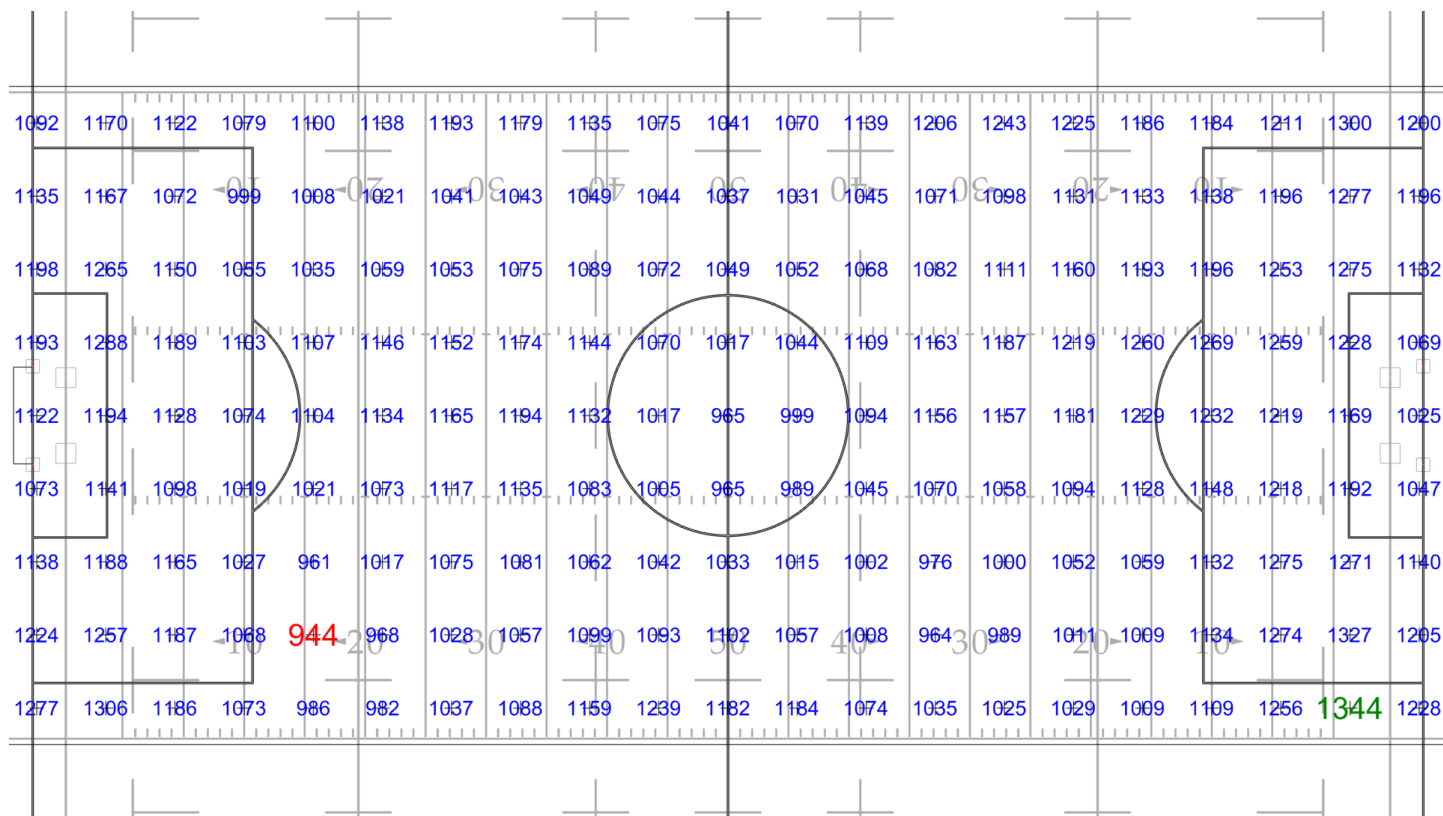
Result Name	Calc.Type	DisplayMode	Height	Camera	Eavg	Emin	Emax	U0	U1	MAUR	Req.Eavg	Req.Emin	Req.U0	Req.U1	Req.MAUR
Football americano (109,72x49,76 m)	Oriented	Illuminance	1,50m	Camera 1	1098lx	794lx	1404lx	0,72	0,57	0,79	1000lx	0lx	0,60	0,40	0,60

Views

Football americano
(109,72x49,76 m)-Horizontal

Stadio Mirabello

Date: 15/04/2024



Result Name	Calc.Type	DisplayMode	Height	Eavg	Emin	Emax	U0	U1	MAUR	Req.Eavg	Req.Emin	Req.U0	Req.U1	Req.MAUR
Football americano (109,72x49,76 m)	Horizontal	Illuminance	0,00m	1117lx	944lx	1344lx	0,85	0,70	0,82	1000lx	0lx	0,70	0,50	0,60