

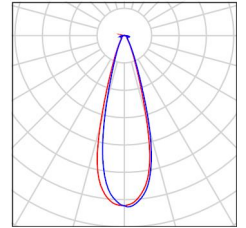


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Exterior Scene 1 / Luminaire parts list

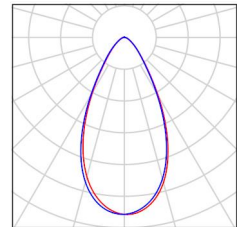
32 Pieces LED MAX-SPORT-120W-30D LED FLOOD LIGHT
Article No.: LED MAX-SPORT-120W-30D
Luminous flux (Luminaire): 19670 lm
Luminous flux (Lamps): 19681 lm
Luminaire Wattage: 120.3 W
Luminaire classification according to CIE: 99
CIE flux code: 78 85 93 99 100
Fitting: 1 x LED MAX-SPORT-120W-30D
(Correction Factor 1.000).

See our luminaire catalog for an image of the luminaire.



16 Pieces LED MAX-SPORT-120W-60D LED FLOOD LIGHT
Article No.: LED MAX-SPORT-120W-60D
Luminous flux (Luminaire): 20586 lm
Luminous flux (Lamps): 20591 lm
Luminaire Wattage: 120.2 W
Luminaire classification according to CIE: 100
CIE flux code: 82 95 99 100 100
Fitting: 1 x LED MAX-SPORT-120W-60D
(Correction Factor 1.000).

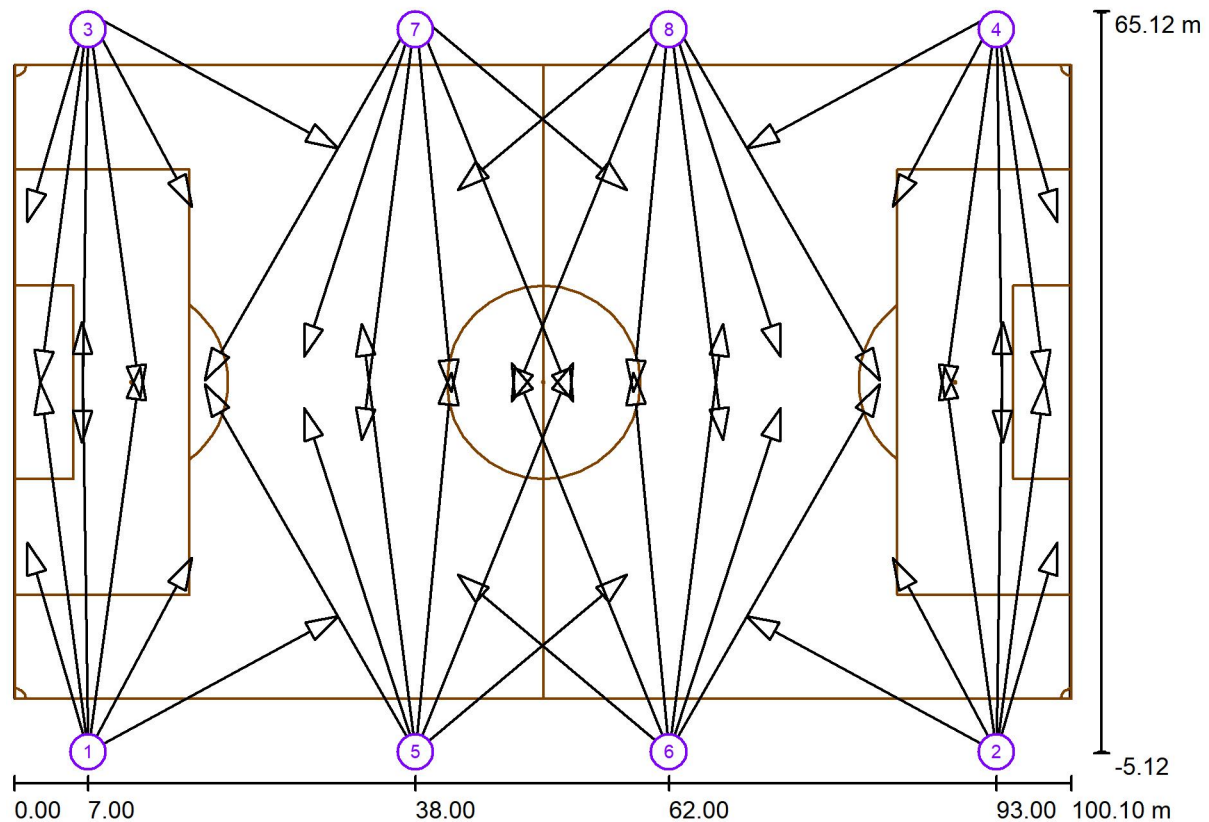
See our luminaire catalog for an image of the luminaire.





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Exterior Scene 1 / Sport Luminaires (Coordinates List)



Scale 1 : 716

List of the Sport Luminaires

Luminaire	Index	Position [m]			Aiming Point [m]			Angle [°]	Alignment	Pole
		X	Y	Z	X	Y	Z			
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	1	7.000	-5.000	15.000	11.943	31.400	0.000	22.2	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	1	7.000	-5.000	15.000	30.646	7.830	0.000	29.1	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	1	7.000	-5.000	15.000	6.410	35.699	0.000	20.2	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	1	7.000	-5.000	15.000	2.436	30.000	0.000	23.0	(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-120W-30D LED FLOOD LIGHT	2	93.000	-5.000	15.000	88.057	31.400	0.000	22.2	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	2	93.000	-5.000	15.000	69.354	7.830	0.000	29.1	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	2	93.000	-5.000	15.000	93.590	35.699	0.000	20.2	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	2	93.000	-5.000	15.000	97.564	30.000	0.000	23.0	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	3	7.000	65.000	15.000	11.943	28.600	0.000	22.2	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	3	7.000	65.000	15.000	30.646	52.170	0.000	29.1	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	3	7.000	65.000	15.000	6.410	24.301	0.000	20.2	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	3	7.000	65.000	15.000	2.436	30.000	0.000	23.0	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	4	93.000	65.000	15.000	88.057	28.600	0.000	22.2	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	4	93.000	65.000	15.000	69.354	52.170	0.000	29.1	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	4	93.000	65.000	15.000	93.590	24.301	0.000	20.2	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	4	93.000	65.000	15.000	97.564	30.000	0.000	23.0	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	5	38.000	-5.000	15.000	57.999	11.800	0.000	29.9	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	5	38.000	-5.000	15.000	27.432	27.582	0.000	23.6	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	6	62.000	-5.000	15.000	42.001	11.800	0.000	29.9	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	6	62.000	-5.000	15.000	72.568	27.582	0.000	23.6	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	7	38.000	65.000	15.000	57.999	48.200	0.000	29.9	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	7	38.000	65.000	15.000	27.432	32.418	0.000	23.6	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	8	62.000	65.000	15.000	42.001	48.200	0.000	29.9	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	8	62.000	65.000	15.000	72.568	32.418	0.000	23.6	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	1	7.000	-5.000	15.000	16.812	13.362	0.000	35.8	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	1	7.000	-5.000	15.000	1.267	14.843	0.000	36.0	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	2	93.000	-5.000	15.000	83.188	13.362	0.000	35.8	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	2	93.000	-5.000	15.000	98.733	14.843	0.000	36.0	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	3	7.000	65.000	15.000	16.812	46.638	0.000	35.8	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	3	7.000	65.000	15.000	1.267	45.157	0.000	36.0	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	4	93.000	65.000	15.000	83.188	46.638	0.000	35.8	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	4	93.000	65.000	15.000	98.733	45.157	0.000	36.0	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	5	38.000	-5.000	15.000	52.900	31.800	0.000	20.7	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	5	38.000	-5.000	15.000	41.407	30.900	0.000	22.6	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	5	38.000	-5.000	15.000	32.900	35.500	0.000	20.2	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	5	38.000	-5.000	15.000	18.039	29.797	0.000	20.5	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	6	62.000	-5.000	15.000	47.100	31.800	0.000	20.7	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	6	62.000	-5.000	15.000	58.593	30.900	0.000	22.6	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	6	62.000	-5.000	15.000	67.100	35.500	0.000	20.2	(C 90, G IMax)	/

LED MAX-SPORT-120W-30D LED
FLOOD LIGHT

6	62.000	-5.000	15.000	81.961	29.797	0.000	20.5	(C 90, G IMax)	/
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Exterior Scene 1 / Sport Luminares (Coordinates List)

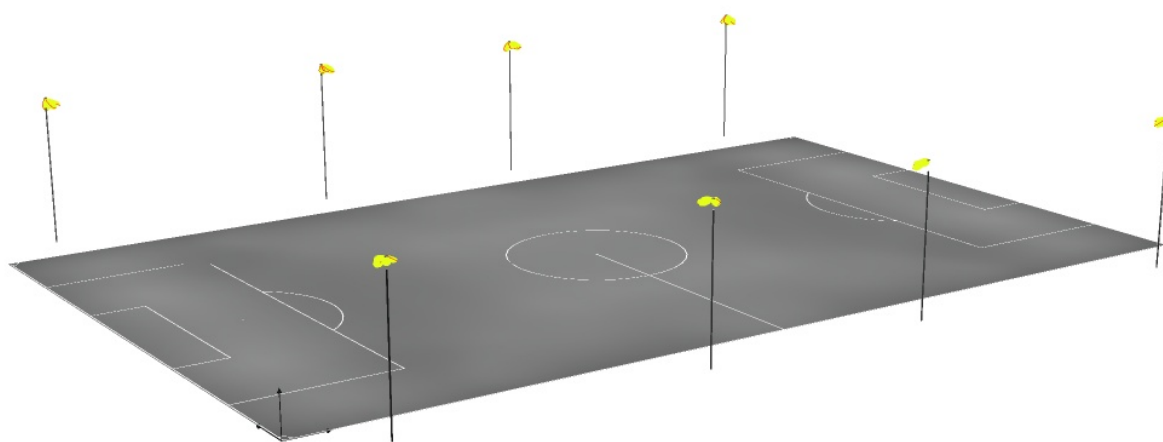
List of the Sport Luminares

Luminaire	Index	Position [m]			Aiming Point [m]			Angle [°]	Alignment	Pole
		X	Y	Z	X	Y	Z			
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	7	38.000	65.000	15.000	52.900	28.200	0.000	20.7	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	7	38.000	65.000	15.000	41.407	29.100	0.000	22.6	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	7	38.000	65.000	15.000	32.900	24.500	0.000	20.2	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	7	38.000	65.000	15.000	18.039	30.203	0.000	20.5	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	8	62.000	65.000	15.000	47.100	28.200	0.000	20.7	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	8	62.000	65.000	15.000	58.593	29.100	0.000	22.6	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	8	62.000	65.000	15.000	67.100	24.500	0.000	20.2	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	8	62.000	65.000	15.000	81.961	30.203	0.000	20.5	(C 90, G IMax)	/



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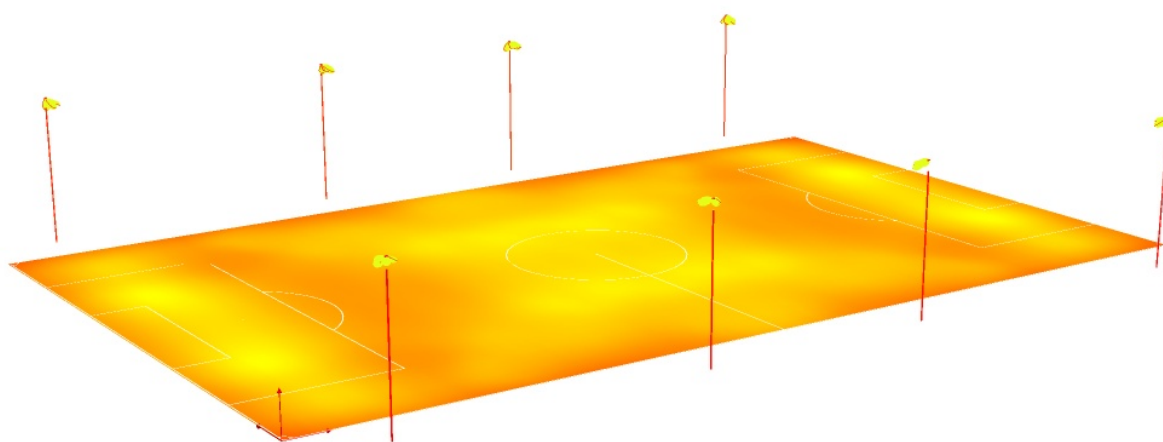
Exterior Scene 1 / 3D Rendering





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Exterior Scene 1 / False Color Rendering

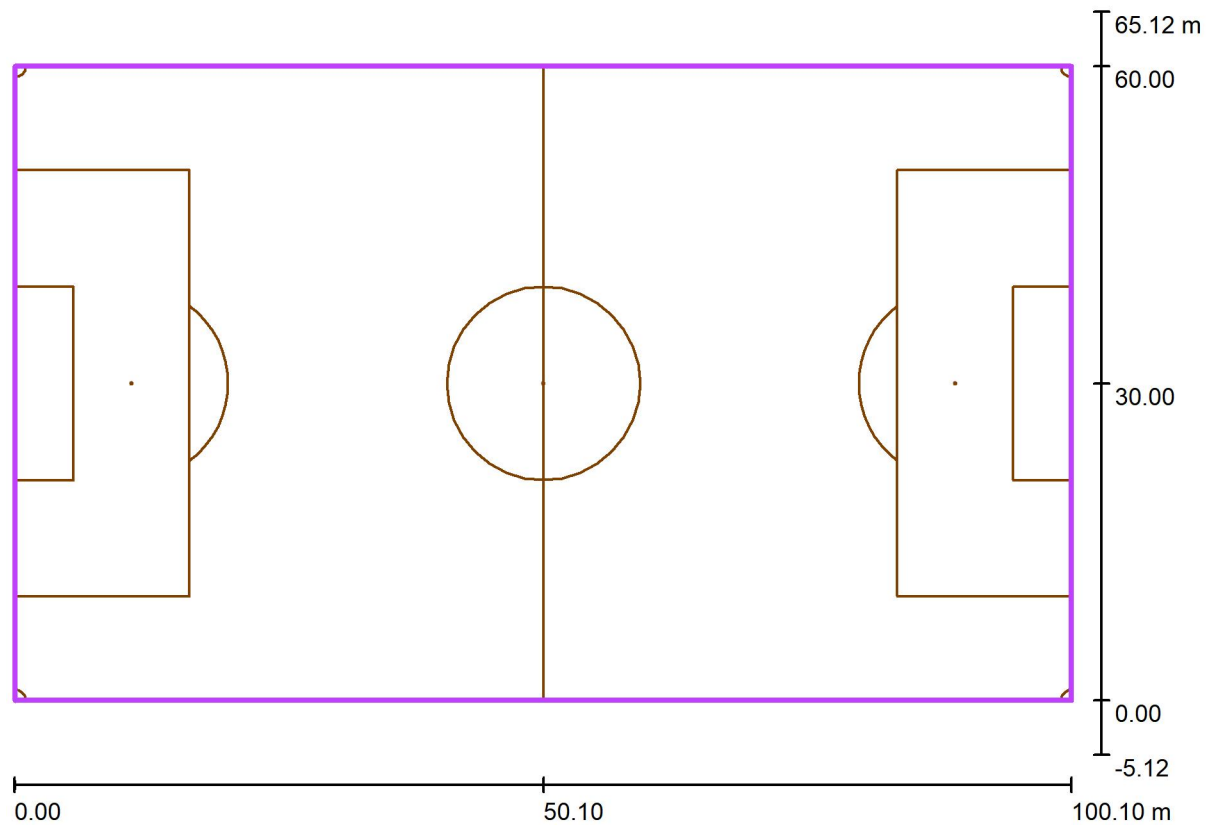


0 12.50 25 37.50 50 62.50 75 87.50 100 lx



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Exterior Scene 1 / Soccer Field 1 Calculation Grid (PA) / Summary



Scale 1 : 716

Position: (50.100 m, 30.000 m, 0.000 m)
Size: (100.000 m, 60.000 m)
Rotation: (0.0°, 0.0°, 0.0°)
Type: Normal, Grid: 19 x 11 Points
Belongs to the following sport arena: Soccer Field 1

Results overview

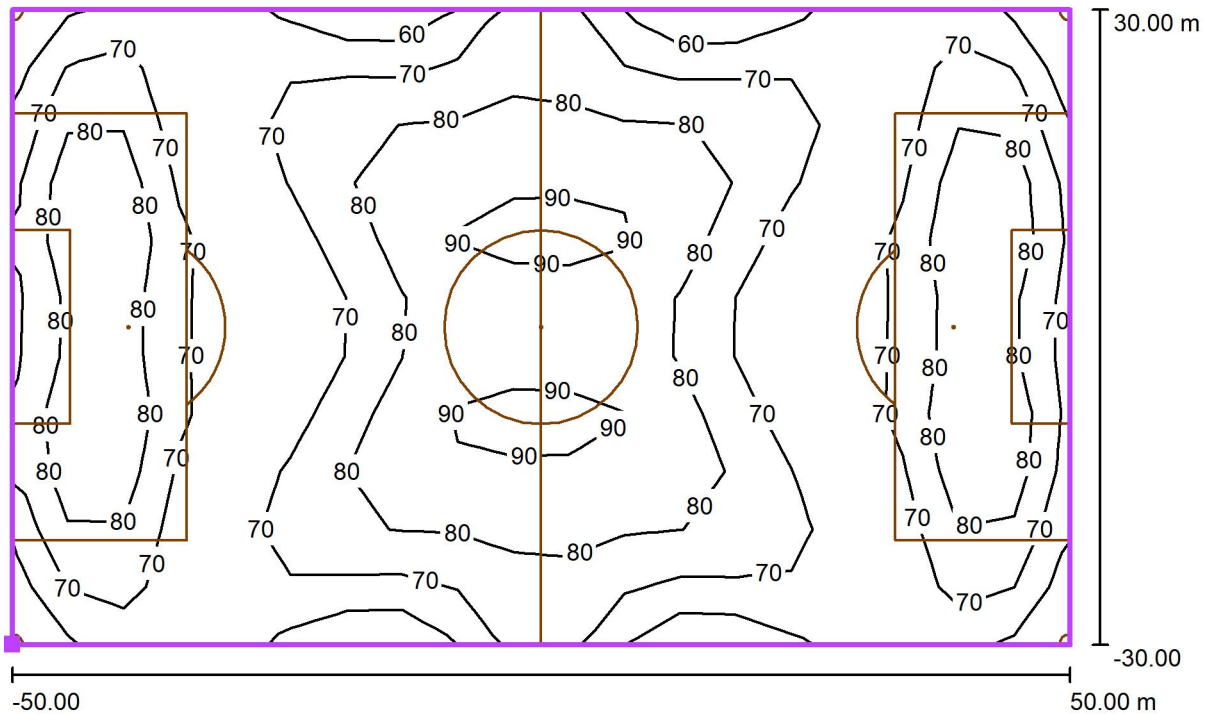
No.	Type	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	$u0$	E_{min} / E_{max}	$E_{h\ m} / E_m$	H [m]	Camera
1	perpendicular	75	56	100	0.75	0.56	/	0.000	/

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



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



Values in Lux, Scale 1 : 715

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



Grid: 19 x 11 Points

E_{av} [lx]
75

E_{min} [lx]
56

E_{max} [lx]
100

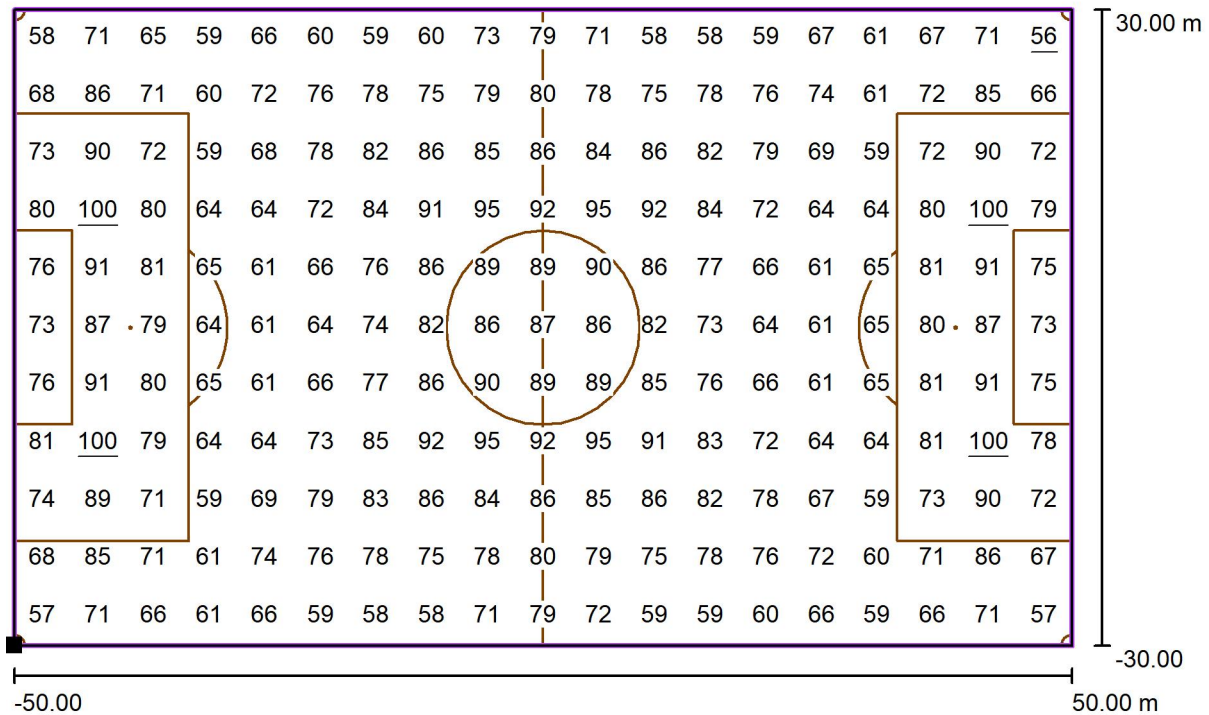
u_0
0.75

E_{min} / E_{max}
0.56



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



Values in Lux, Scale 1 : 715

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



Grid: 19 x 11 Points

E_{av} [lx]
75

E_{min} [lx]
56

E_{max} [lx]
100

u_0
0.75

E_{min} / E_{max}
0.56