

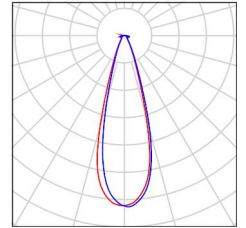


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Exterior Scene 1 / Luminaire parts list

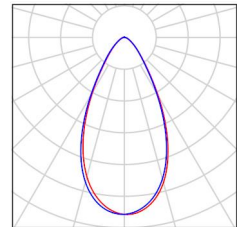
48 Pieces LED MAX-SPORT-120W-30D LED FLOOD LIGHT
Article No.: LED MAX-SPORT-120W-30D
Luminous flux (Luminaire): 19670 lm
Luminous flux (Lamps): 19681 lm
Luminaire Wattage: 120.3 W
Luminaire classification according to CIE: 99
CIE flux code: 78 85 93 99 100
Fitting: 1 x LED MAX-SPORT-120W-30D
(Correction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

See our luminaire catalog for an image of the luminaire.



32 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).

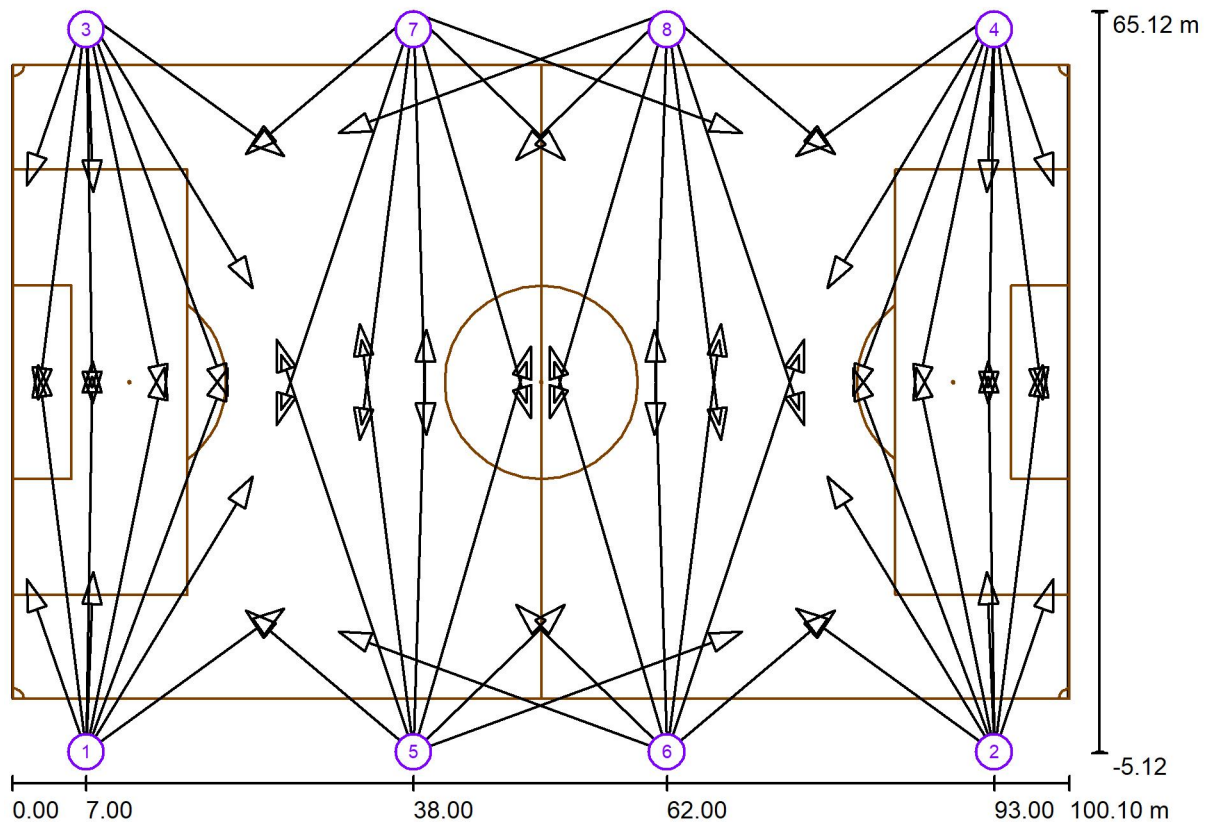
See our luminaire catalog for an image of the luminaire.





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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	2.436	31.657	0.000	22.1	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	1	7.000	-5.000	15.000	25.769	8.600	0.000	32.9	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	1	7.000	-5.000	15.000	20.400	31.300	0.000	21.2	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	1	7.000	-5.000	15.000	2.436	31.657	0.000	22.1	(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	1	7.000	-5.000	15.000	7.600	32.016	0.000	22.1	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	1	7.000	-5.000	15.000	14.403	31.400	0.000	22.0	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	2	93.000	-5.000	15.000	97.564	31.657	0.000	22.1	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	2	93.000	-5.000	15.000	74.231	8.600	0.000	32.9	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	2	93.000	-5.000	15.000	79.600	31.300	0.000	21.2	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	2	93.000	-5.000	15.000	97.564	31.657	0.000	22.1	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	2	93.000	-5.000	15.000	92.400	32.016	0.000	22.1	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	2	93.000	-5.000	15.000	85.597	31.400	0.000	22.0	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	3	7.000	65.000	15.000	2.436	28.343	0.000	22.1	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	3	7.000	65.000	15.000	25.769	51.400	0.000	32.9	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	3	7.000	65.000	15.000	20.400	28.700	0.000	21.2	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	3	7.000	65.000	15.000	2.436	28.343	0.000	22.1	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	3	7.000	65.000	15.000	7.600	27.984	0.000	22.1	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	3	7.000	65.000	15.000	14.403	28.600	0.000	22.0	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	4	93.000	65.000	15.000	97.564	28.343	0.000	22.1	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	4	93.000	65.000	15.000	74.231	51.400	0.000	32.9	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	4	93.000	65.000	15.000	79.600	28.700	0.000	21.2	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	4	93.000	65.000	15.000	97.564	28.343	0.000	22.1	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	4	93.000	65.000	15.000	92.400	27.984	0.000	22.1	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	4	93.000	65.000	15.000	85.597	28.600	0.000	22.0	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	5	38.000	-5.000	15.000	22.100	8.400	0.000	35.8	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	5	38.000	-5.000	15.000	25.000	34.050	0.000	20.0	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D 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-60D LED FLOOD LIGHT	5	38.000	-5.000	15.000	52.316	8.926	0.000	36.9	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	6	62.000	-5.000	15.000	77.900	8.400	0.000	35.8	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	6	62.000	-5.000	15.000	75.000	34.050	0.000	20.0	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D 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-60D LED FLOOD LIGHT	6	62.000	-5.000	15.000	47.684	8.926	0.000	36.9	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	7	38.000	65.000	15.000	22.100	51.600	0.000	35.8	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	7	38.000	65.000	15.000	25.000	25.950	0.000	20.0	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D 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-60D LED FLOOD LIGHT	7	38.000	65.000	15.000	52.316	51.074	0.000	36.9	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	8	62.000	65.000	15.000	77.900	51.600	0.000	35.8	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	8	62.000	65.000	15.000	75.000	25.950	0.000	20.0	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	8	62.000	65.000	15.000	67.100	24.500	0.000	20.2	(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-60D LED FLOOD LIGHT	1	7.000	-5.000	15.000	22.800	21.100	0.000	26.2	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	1	7.000	-5.000	15.000	1.400	11.380	0.000	40.9	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	1	7.000	-5.000	15.000	7.600	32.016	0.000	22.1	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	1	7.000	-5.000	15.000	7.700	12.011	0.000	41.4	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	2	93.000	-5.000	15.000	77.200	21.100	0.000	26.2	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	2	93.000	-5.000	15.000	98.600	11.380	0.000	40.9	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	2	93.000	-5.000	15.000	92.400	32.016	0.000	22.1	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	2	93.000	-5.000	15.000	92.300	12.011	0.000	41.4	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	3	7.000	65.000	15.000	22.800	38.900	0.000	26.2	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	3	7.000	65.000	15.000	1.400	48.620	0.000	40.9	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	3	7.000	65.000	15.000	7.600	27.984	0.000	22.1	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	3	7.000	65.000	15.000	7.700	47.989	0.000	41.4	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	4	93.000	65.000	15.000	77.200	38.900	0.000	26.2	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	4	93.000	65.000	15.000	98.600	48.620	0.000	40.9	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	4	93.000	65.000	15.000	92.400	27.984	0.000	22.1	(C 90, G IMax)	/
LED MAX-SPORT-120W-60D LED FLOOD LIGHT	4	93.000	65.000	15.000	92.300	47.989	0.000	41.4	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	5	38.000	-5.000	15.000	25.000	34.050	0.000	20.0	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	5	38.000	-5.000	15.000	39.200	34.986	0.000	20.6	(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	49.100	33.400	0.000	20.6	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	5	38.000	-5.000	15.000	69.100	6.400	0.000	24.4	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	5	38.000	-5.000	15.000	49.100	33.400	0.000	20.6	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	6	62.000	-5.000	15.000	75.000	34.050	0.000	20.0	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	6	62.000	-5.000	15.000	60.800	34.986	0.000	20.6	(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	50.900	33.400	0.000	20.6	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	6	62.000	-5.000	15.000	30.900	6.400	0.000	24.4	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	6	62.000	-5.000	15.000	50.900	33.400	0.000	20.6	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	7	38.000	65.000	15.000	25.000	25.950	0.000	20.0	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	7	38.000	65.000	15.000	39.200	25.014	0.000	20.6	(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	49.100	26.600	0.000	20.6	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	7	38.000	65.000	15.000	69.100	53.600	0.000	24.4	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	7	38.000	65.000	15.000	49.100	26.600	0.000	20.6	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	8	62.000	65.000	15.000	75.000	25.950	0.000	20.0	(C 90, G IMax)	/

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

8 62.000 65.000 15.000 60.800 25.014 0.000 20.6 (C 90, G IMax) /



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Exterior Scene 1 / Sport Luminaires (Coordinates List)

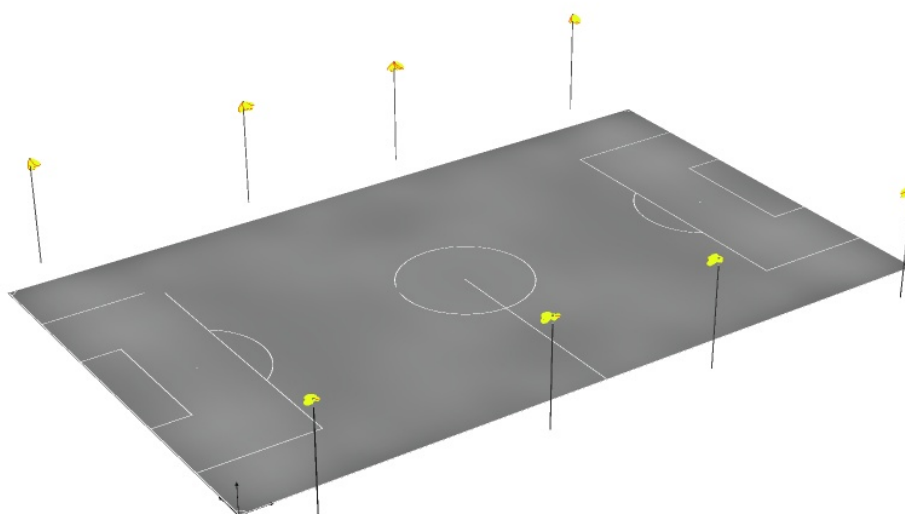
List of the Sport Luminaires

Luminaire	Index	Position [m]			Aiming Point [m]			Angle [°]	Alignment	Pole
		X	Y	Z	X	Y	Z			
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	50.900	26.600	0.000	20.6	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	8	62.000	65.000	15.000	30.900	53.600	0.000	24.4	(C 90, G IMax)	/
LED MAX-SPORT-120W-30D LED FLOOD LIGHT	8	62.000	65.000	15.000	50.900	26.600	0.000	20.6	(C 90, G IMax)	/



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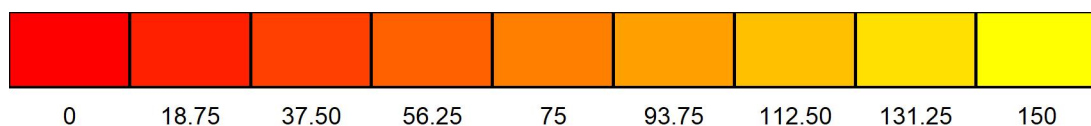
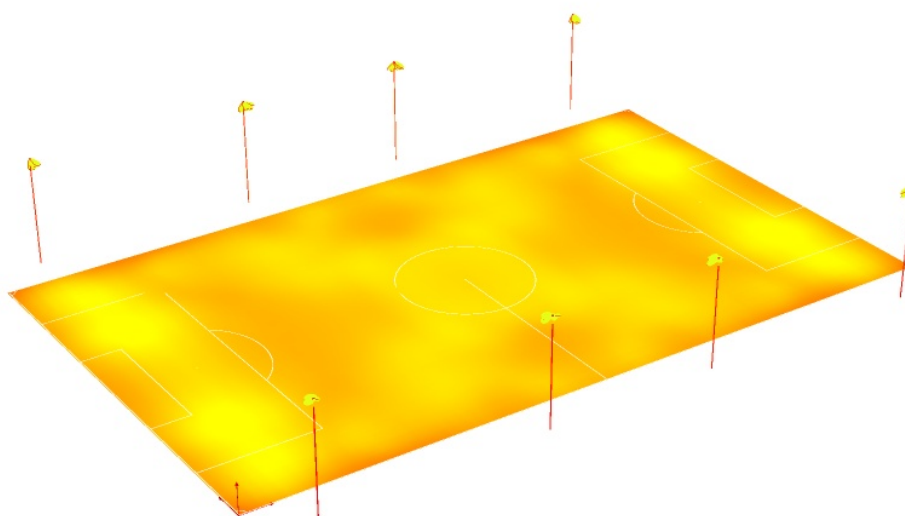
Exterior Scene 1 / 3D Rendering





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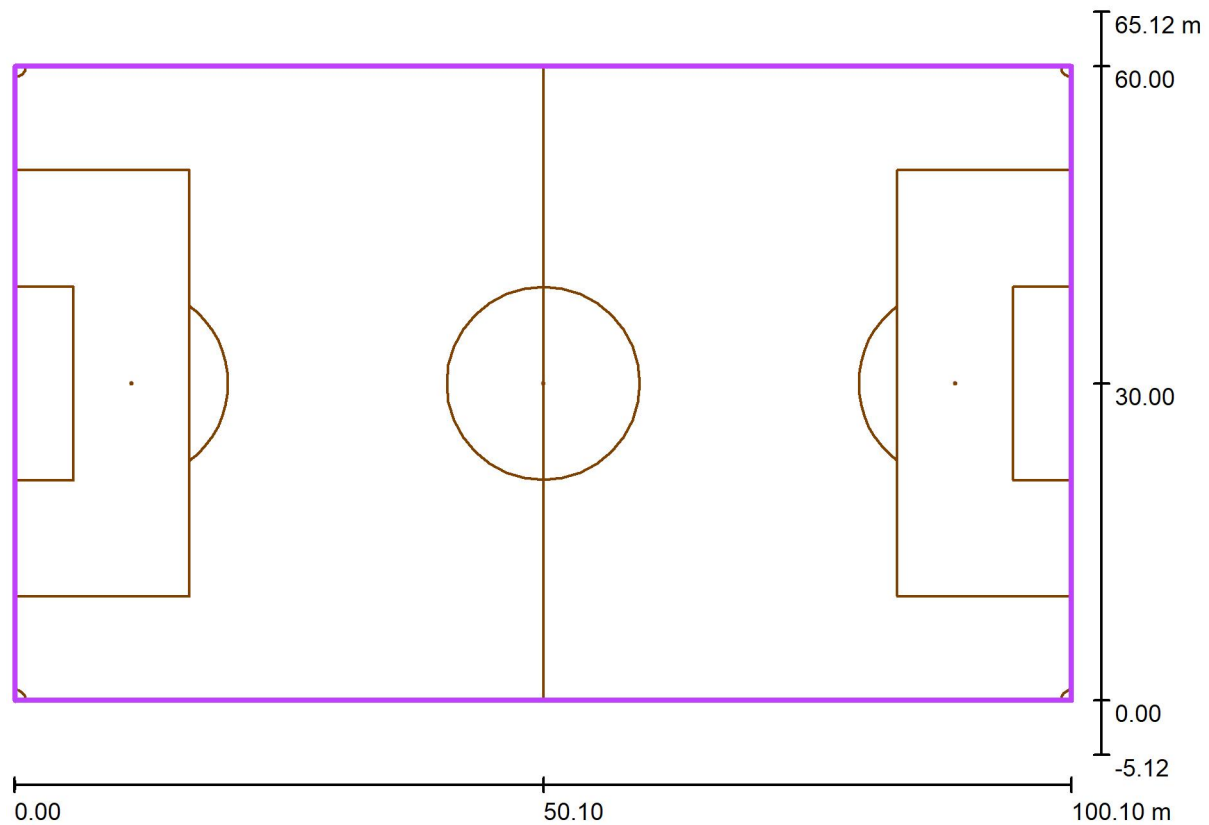
Exterior Scene 1 / False Color Rendering





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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

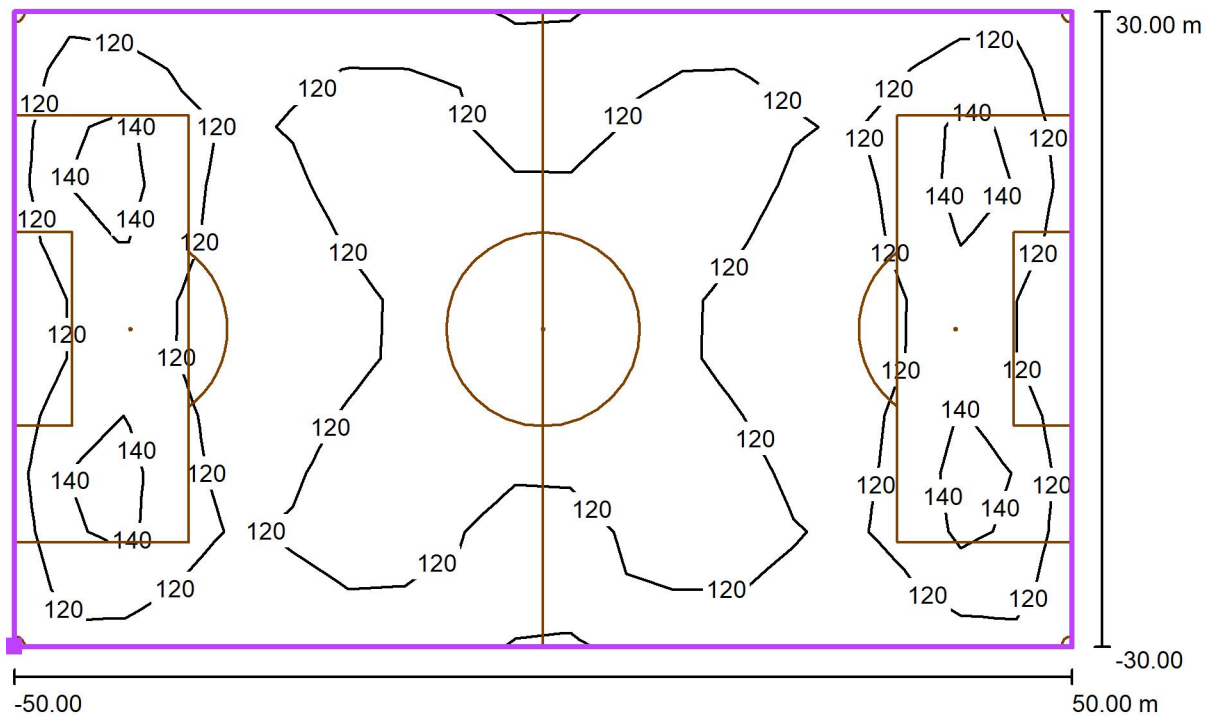
No.	Type	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	$u0$	E_{min} / E_{max}	$E_{h\ m} / E_m$	H [m]	Camera
1	perpendicular	123	106	156	0.86	0.68	/	0.000	/

$E_{h\ m} / E_m$ = 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]
123

E_{min} [lx]
106

E_{max} [lx]
156

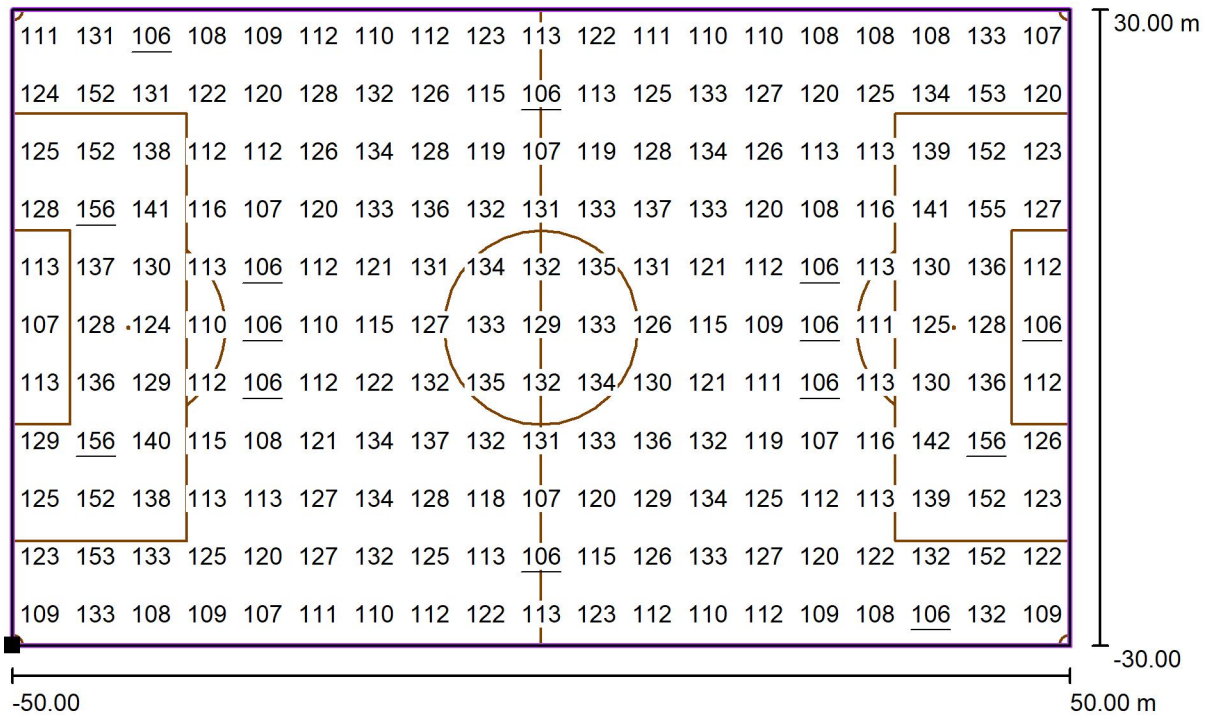
u_0
0.86

E_{min} / E_{max}
0.68



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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]
123

E_{min} [lx]
106

E_{max} [lx]
156

u_0
0.86

E_{min} / E_{max}
0.68