

Soccer G7.0.0 75lx 150606

Soccer Field

Field dimensions: 100m x 64m

Mounting height: 15m

Number of poles: 6

Number of fixtures: 6

Lighting class: EN-12193 class III

Horizontal illuminance in use = 75 lux

Uniformity $E_{hmin}/E_{hgem} = 0.5$

AAA-LUX LED luminaire used: 6x WS2907

IES files vRC 7.0.0 - date: 15 Jun 2020

The nominal values shown in this report are the result of precision calculations, based upon precisely positioned luminaires in a fixed relationship to each other and to the area under examination. In practice the values may vary due to tolerances on luminaires, luminaire positioning, reflection properties and/or electrical supply. Tolerated differences are defined in EN-12193 clause 5.4 with a maximum of 10%.

Date: 22.06.2020

Operator: MVD

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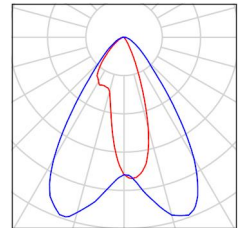
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Soccer / Luminaire parts list

6 Pieces AAA-LUX WS2907vRC 7.0.0
Article No.:
Luminous flux (Luminaire): 189212 lm
Luminous flux (Lamps): 221072 lm
Luminaire Wattage: 1550.0 W
Luminaire classification according to CIE: 99
CIE flux code: 72 91 98 99 86
Fitting: 1 x LED SOURCE AAA-LUX (Correction
Factor 1.000).

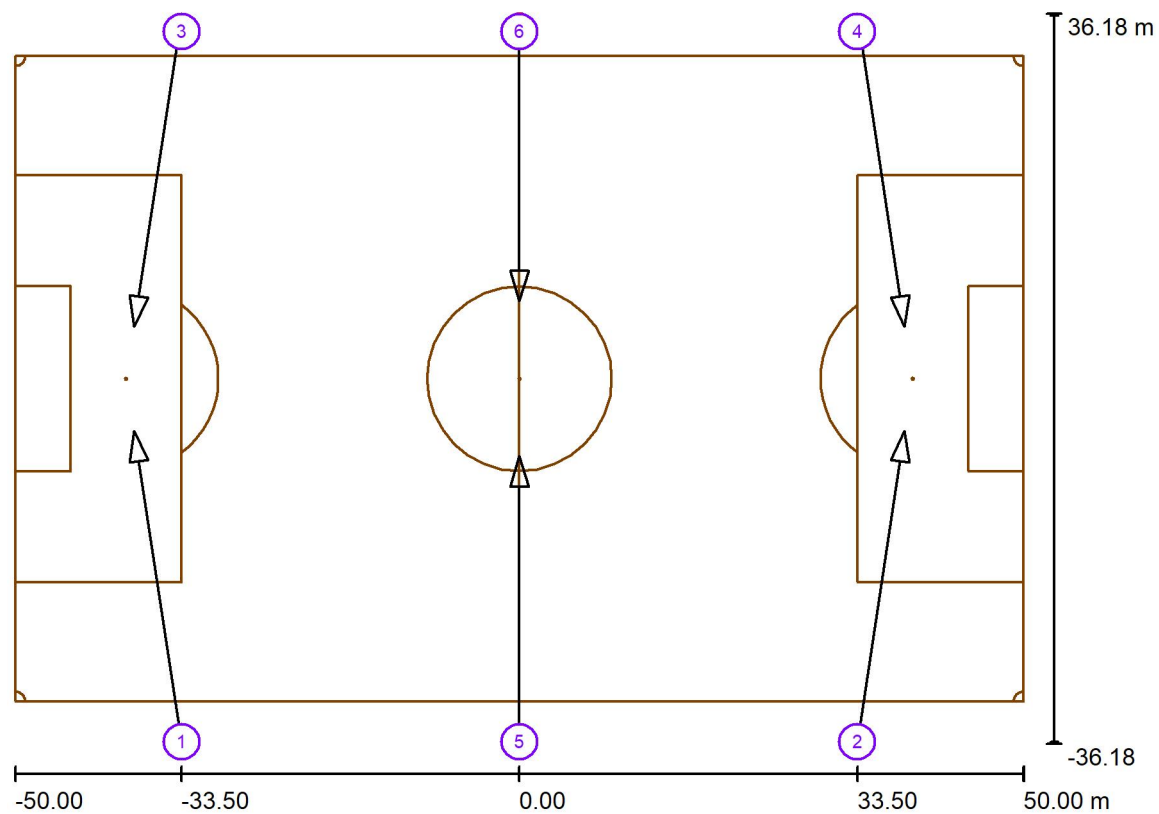
See our luminaire
catalog for an image of
the luminaire.



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Soccer / Sport Luminares (Coordinates List)



Scale 1 : 750

List of the Sport Luminares

Luminaire	Index	Position [m]			Aiming Point [m]			Angle [°]	Alignment	Pole
		X	Y	Z	X	Y	Z			
AAA-LUX WS2907vRC 7.0.0	1	-33.500	-36.000	15.200	-38.200	-5.200	0.000	26.0	(C 0, G 0)	/
AAA-LUX WS2907vRC 7.0.0	2	33.500	-36.000	15.200	38.200	-5.200	0.000	26.0	(C 0, G 0)	/
AAA-LUX WS2907vRC 7.0.0	3	-33.500	36.000	15.200	-38.200	5.200	0.000	26.0	(C 0, G 0)	/
AAA-LUX WS2907vRC 7.0.0	4	33.500	36.000	15.200	38.200	5.200	0.000	26.0	(C 0, G 0)	/

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Soccer / Sport Luminaires (Coordinates List)

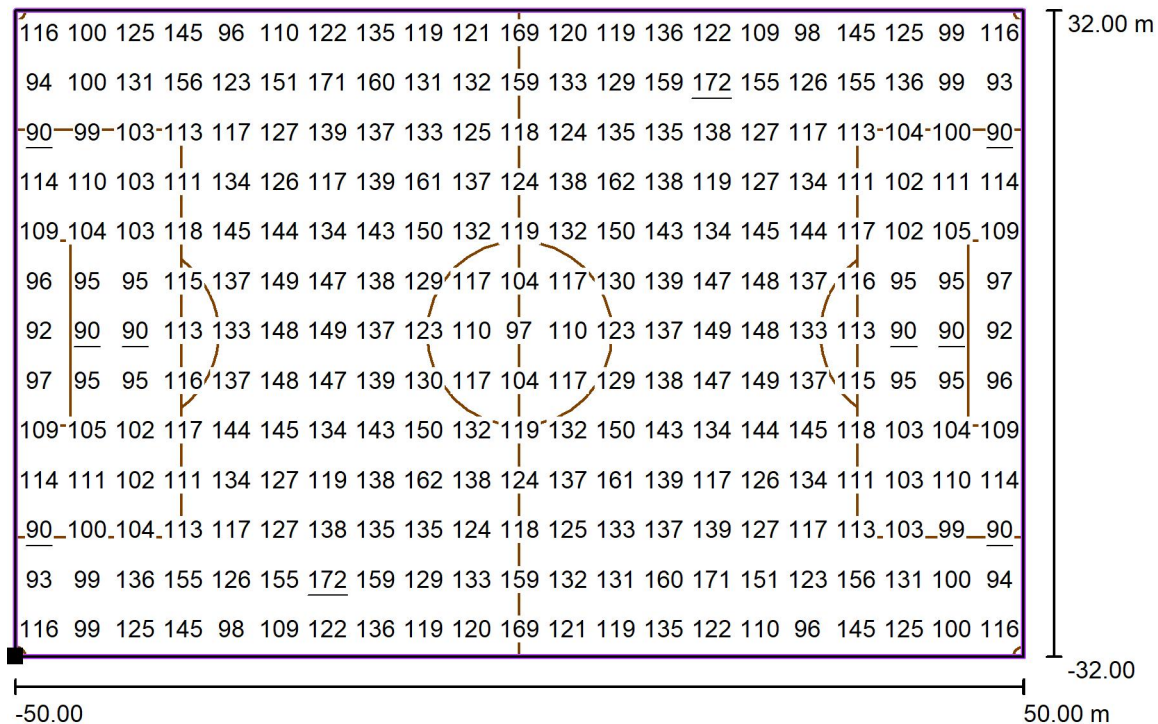
List of the Sport Luminaires

Luminaire	Index	Position [m]			Aiming Point [m]			Angle [°]	Alignment	Pole
		X	Y	Z	X	Y	Z			
AAA-LUX WS2907vRC 7.0.0	5	0.000	-36.000	15.200	0.000	-7.696	0.000	28.2	(C 0, G 0)	/
AAA-LUX WS2907vRC 7.0.0	6	0.000	36.000	15.200	0.000	7.696	0.000	28.2	(C 0, G 0)	/

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Soccer / Calculation grid according EN12193 / Value Chart (E, Horizontal)



Values in Lux, Scale 1 : 750

Position of surface in external scene:

Marked point: (-50.000 m, -32.000 m, 0.000 m)



Grid: 21 x 13 Points

E_{av} [lx]
124

E_{min} [lx]
90

E_{max} [lx]
172

u_0
0.72

E_{min} / E_{max}
0.52