

Soccer G7.0.0 150lx 150608c

Soccer Field

Field dimensions: 100m x 64m

Mounting height: 15m

Number of poles: 6

Number of fixtures: 8

Lighting class: EN-12193 class IIIc

Horizontal illuminance in use = 150 lux

Uniformity E_{hmin}/E_{hgem} = 0.6

AAA-LUX LED luminaire used: 8x WS2007

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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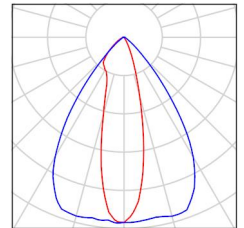
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Soccer / Luminaire parts list

8 Pieces AAA-LUX WS2007vRC 7.0.0
Article No.:
Luminous flux (Luminaire): 188123 lm
Luminous flux (Lamps): 221072 lm
Luminaire Wattage: 1550.0 W
Luminaire classification according to CIE: 100
CIE flux code: 86 97 99 100 85
Fitting: 1 x LED SOURCE AAA-LUX (Correction
Factor 1.000).

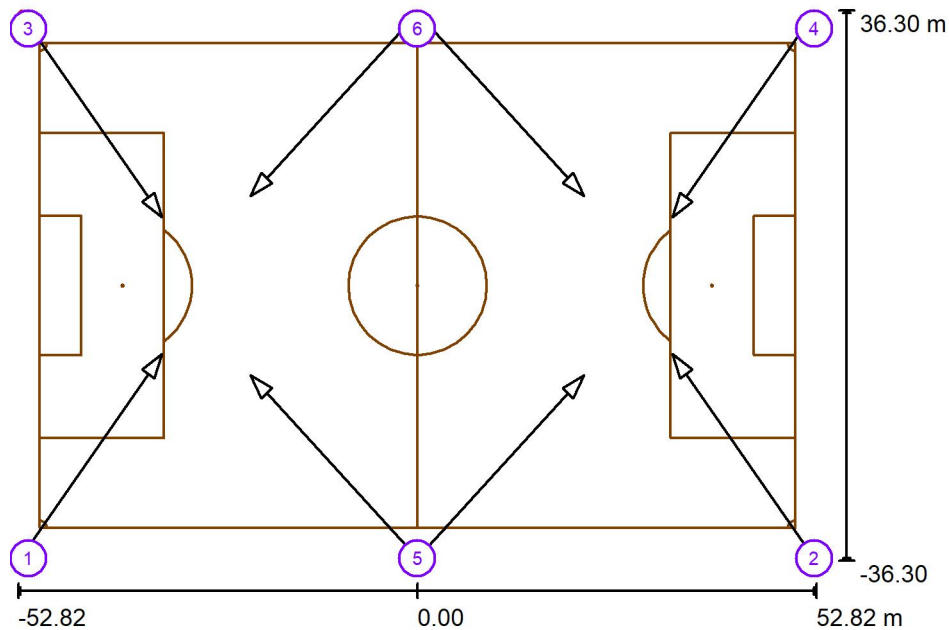
See our luminaire
catalog for an image of
the luminaire.



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Soccer / Sport Luminaires (Coordinates List)



Scale 1 : 1000

List of the Sport Luminaires

Luminaire	Index	Position [m]			Aiming Point [m]			Angle [°]	Alignment	Pole
		X	Y	Z	X	Y	Z			
AAA-LUX WS2007vRC 7.0.0	1	-52.500	-36.000	15.200	-33.769	-9.040	0.000	24.8	(C 0, G 0)	/
AAA-LUX WS2007vRC 7.0.0	2	52.500	-36.000	15.200	33.769	-9.040	0.000	24.8	(C 0, G 0)	/
AAA-LUX WS2007vRC 7.0.0	3	-52.500	36.000	15.200	-33.769	9.040	0.000	24.8	(C 0, G 0)	/
AAA-LUX WS2007vRC 7.0.0	4	52.500	36.000	15.200	33.769	9.040	0.000	24.8	(C 0, G 0)	/

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Soccer / Sport Luminaires (Coordinates List)

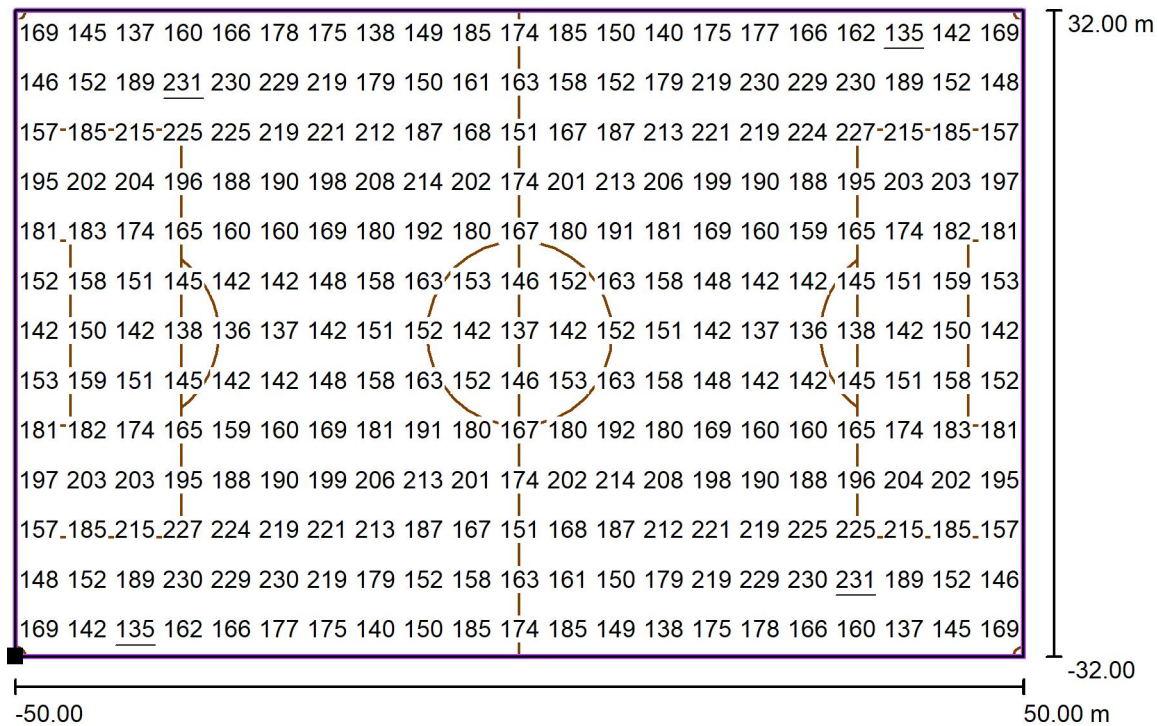
List of the Sport Luminaires

Luminaire	Index	Position [m]			Aiming Point [m]			Angle [°]	Alignment	Pole
		X	Y	Z	X	Y	Z			
AAA-LUX WS2007vRC 7.0.0	5	0.000	-36.000	15.200	-22.066	-11.842	0.000	24.9	(C 0, G 0)	/
AAA-LUX WS2007vRC 7.0.0	5	0.000	-36.000	15.200	22.066	-11.842	0.000	24.9	(C 0, G 0)	/
AAA-LUX WS2007vRC 7.0.0	6	0.000	36.000	15.200	-22.066	11.842	0.000	24.9	(C 0, G 0)	/
AAA-LUX WS2007vRC 7.0.0	6	0.000	36.000	15.200	22.066	11.842	0.000	24.9	(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]
 176

E_{min} [lx]
 135

E_{max} [lx]
 231

u_0
 0.77

E_{min} / E_{max}
 0.58