

Tennis 3 Courts G7.0.0 500lx 150408c

Tenniscourt - 3 courts

Dimensions: 36m x 54m

Mounting height: 15m

Number of poles: 4

Number of fixtures: 8

Lighting class: EN-12193 class I

Horizontal illuminance in use = 500 lux at PA (TA 75%)

Uniformity Ehmin/Ehgem = 0.7 at PA (TA 75%)

IES files v6.1.0 - date: 20 Mei 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: 17.07.2020

Operator: MVD

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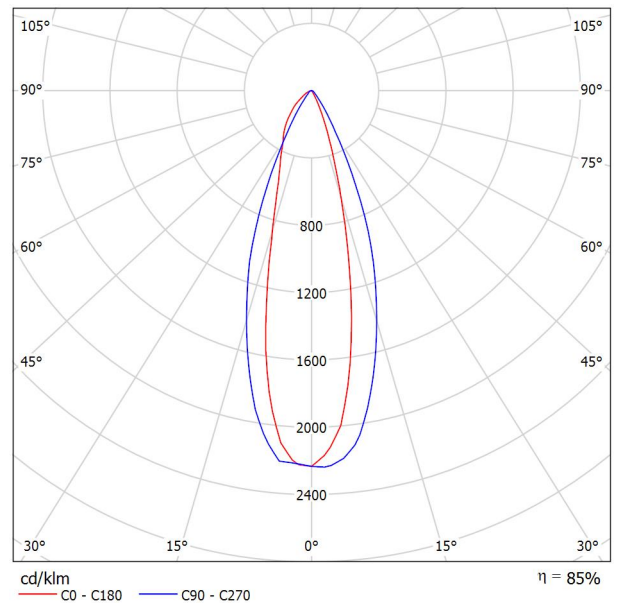
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AAA-LUX WS2707vRC 7.0.0 / Luminaire Data Sheet

Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.



Luminaire classification according to CIE: 100
CIE flux code: 91 97 99 100 85

Due to missing symmetry properties, no UGR table can be displayed for this luminaire.

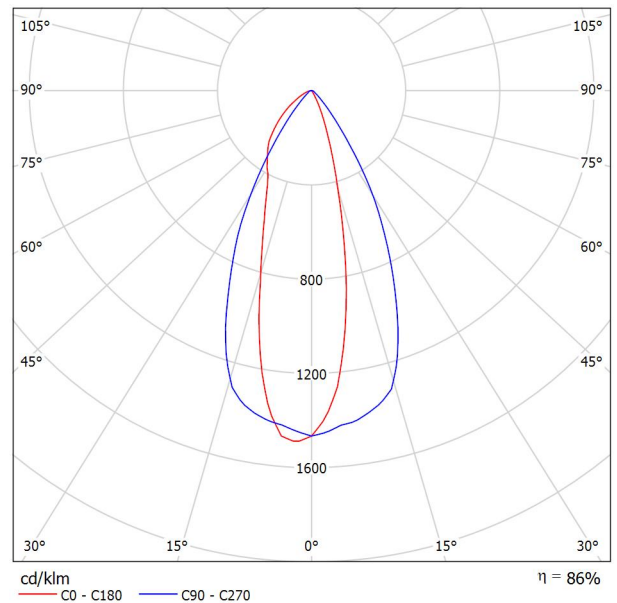
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AAA-LUX WS2507vRC 7.0.0 / Luminaire Data Sheet

Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.



Luminaire classification according to CIE: 100
CIE flux code: 88 97 99 100 86

Due to missing symmetry properties, no UGR table can be displayed for this luminaire.

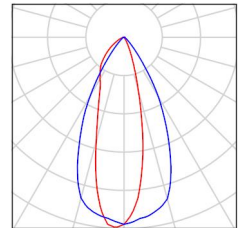
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Tennis 3 Courts / Luminaire parts list

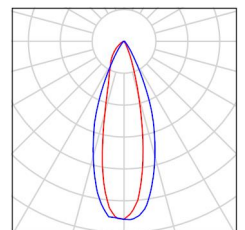
4 Pieces AAA-LUX WS2507vRC 7.0.0
Article No.:
Luminous flux (Luminaire): 189710 lm
Luminous flux (Lamps): 221072 lm
Luminaire Wattage: 1550.0 W
Luminaire classification according to CIE: 100
CIE flux code: 88 97 99 100 86
Fitting: 1 x LED SOURCE AAA-LUX (Correction Factor 1.000).

See our luminaire
catalog for an image of
the luminaire.



4 Pieces AAA-LUX WS2707vRC 7.0.0
Article No.:
Luminous flux (Luminaire): 188480 lm
Luminous flux (Lamps): 221072 lm
Luminaire Wattage: 1550.0 W
Luminaire classification according to CIE: 100
CIE flux code: 91 97 99 100 85
Fitting: 1 x LED SOURCE AAA-LUX (Correction Factor 1.000).

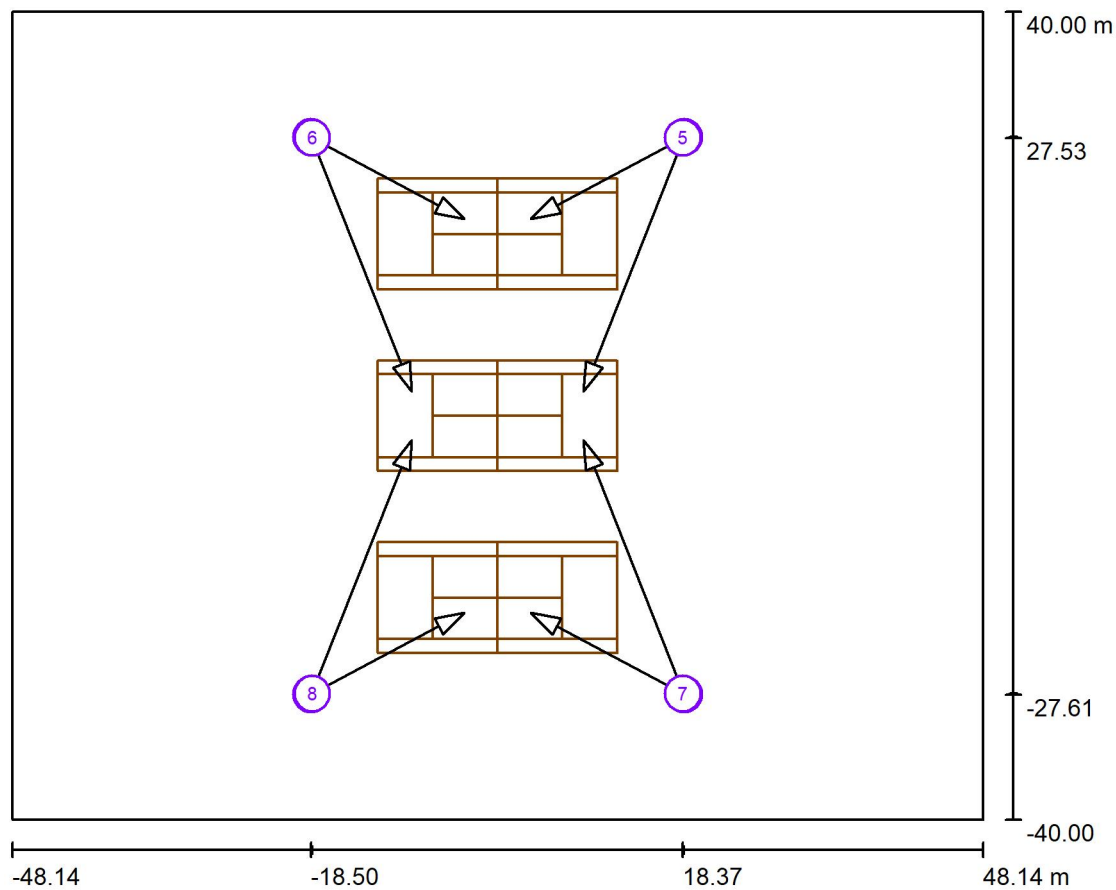
See our luminaire
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Tennis 3 Courts / Sport Luminaires (Coordinates List)



Scale 1 : 750

List of the Sport Luminaires

Luminaire	Index	Position [m]			Aiming Point [m]			Angle [°]	Alignment	Pole
		X	Y	Z	X	Y	Z			
AAA-LUX WS2707vRC 7.0.0	1	18.503	27.612	15.000	8.500	2.400	0.000	28.9	(C 0, G 0)	/
AAA-LUX WS2707vRC 7.0.0	2	-18.503	27.612	15.000	-8.500	2.400	0.000	28.9	(C 0, G 0)	/
AAA-LUX WS2707vRC 7.0.0	3	18.503	-27.612	15.000	8.500	-2.400	0.000	28.9	(C 0, G 0)	/
AAA-LUX WS2707vRC 7.0.0	4	-18.503	-27.612	15.000	-8.500	-2.400	0.000	28.9	(C 0, G 0)	/

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Tennis 3 Courts / Sport Luminaires (Coordinates List)

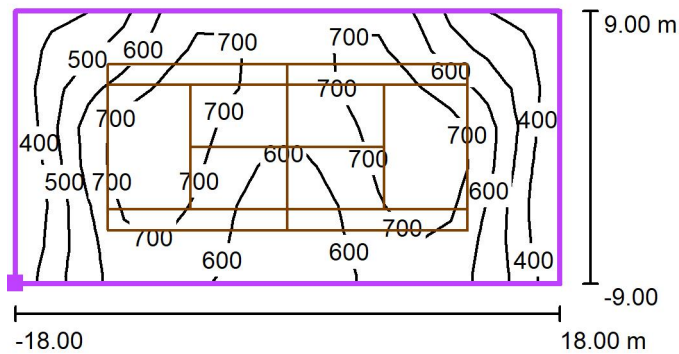
List of the Sport Luminaires

Luminaire	Index	Position [m]			Aiming Point [m]			Angle [°]	Alignment	Pole
		X	Y	Z	X	Y	Z			
AAA-LUX WS2507vRC 7.0.0	5	18.373	27.534	15.000	3.300	19.500	0.000	41.3	(C 0, G 0)	/
AAA-LUX WS2507vRC 7.0.0	6	-18.373	27.534	15.000	-3.300	19.500	0.000	41.3	(C 0, G 0)	/
AAA-LUX WS2507vRC 7.0.0	7	18.373	-27.534	15.000	3.300	-19.500	0.000	41.3	(C 0, G 0)	/
AAA-LUX WS2507vRC 7.0.0	8	-18.373	-27.534	15.000	-3.300	-19.500	0.000	41.3	(C 0, G 0)	/

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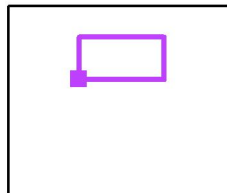
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Tennis 3 Courts / Court 1 TA / Isolines (E, Horizontal)



Values in Lux, Scale 1 : 500

Position of surface in external scene:
 Marked point: (-18.000 m, 9.000 m,
 0.000 m)



Grid: 15 x 7 Points

E_{av} [lx]
 605

E_{min} [lx]
 331

E_{max} [lx]
 810

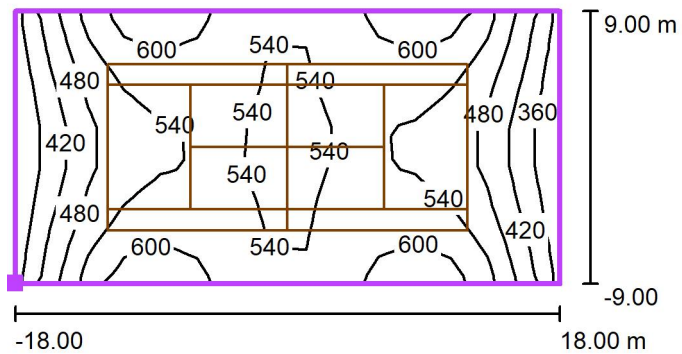
u_0
 0.55

E_{min} / E_{max}
 0.41

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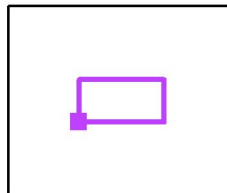
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Tennis 3 Courts / Court 2 TA / Isolines (E, Horizontal)



Values in Lux, Scale 1 : 500

Position of surface in external scene:
 Marked point: (-18.000 m, -9.000 m,
 0.000 m)



Grid: 15 x 7 Points

E_{av} [lx]
 519

E_{min} [lx]
 339

E_{max} [lx]
 628

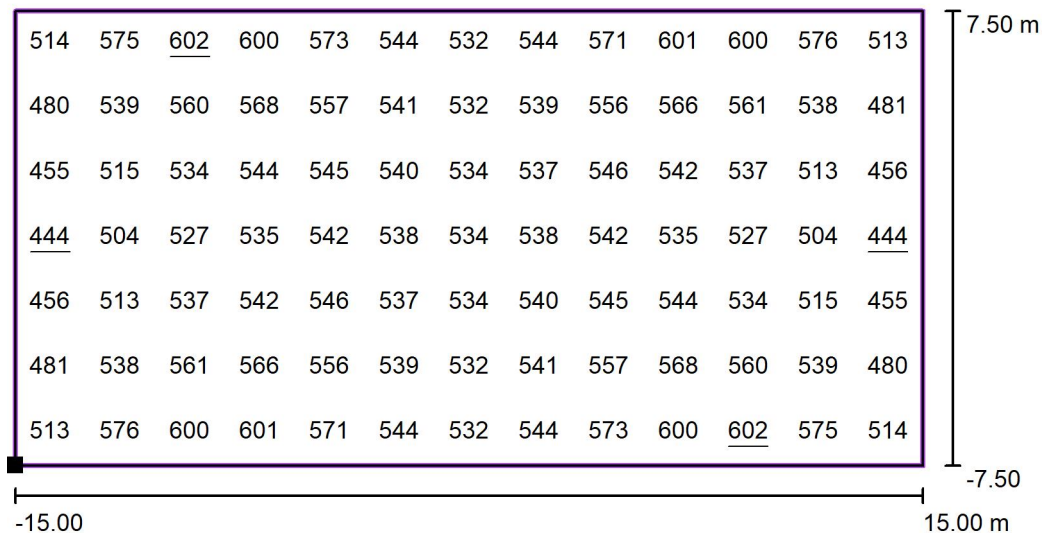
u_0
 0.65

E_{min} / E_{max}
 0.54

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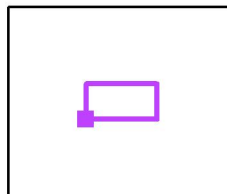
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Tennis 3 Courts / Court 2 PA / Value Chart (E, Horizontal)



Values in Lux, Scale 1 : 250

Position of surface in external scene:
 Marked point: (-15.000 m, -7.500 m,
 0.000 m)



Grid: 13 x 7 Points

E_{av} [lx]
 539

E_{min} [lx]
 444

E_{max} [lx]
 602

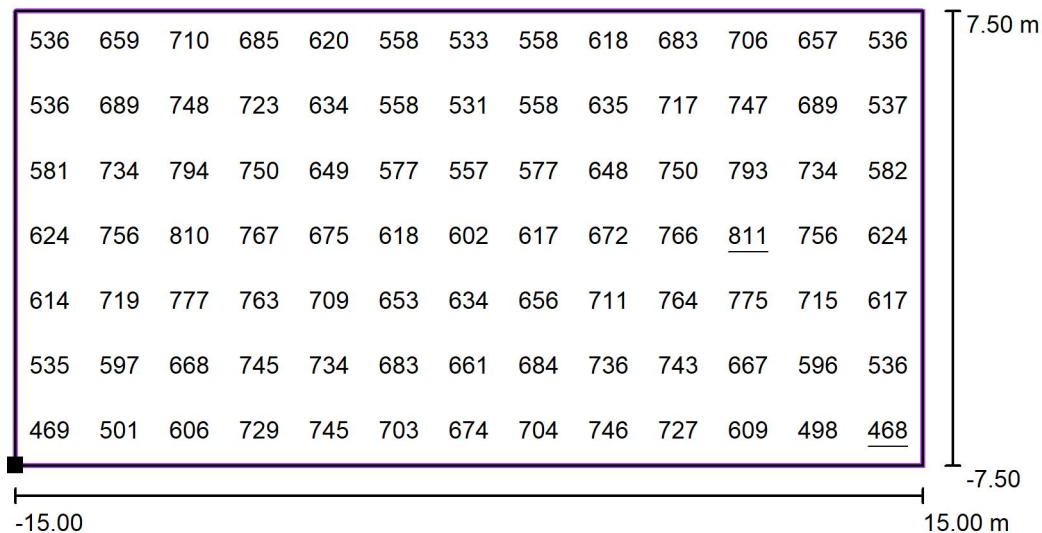
u_0
 0.82

E_{min} / E_{max}
 0.74

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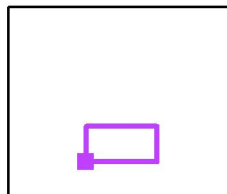
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Tennis 3 Courts / Court 3 PA / Value Chart (E, Horizontal)



Values in Lux, Scale 1 : 250

Position of surface in external scene:
 Marked point: (-15.000 m, -25.500 m,
 0.000 m)



Grid: 13 x 7 Points

E_{av} [lx]
 660

E_{min} [lx]
 468

E_{max} [lx]
 811

u_0
 0.71

E_{min} / E_{max}
 0.58