

Seven Sisters RFC 100lux 2026

100lux average c/w 0.50 uniformity.

Site Location :-

Seven Sisters RFC,
Dulais Road,
Seven Sisters,
Neath,
Neath Port Talbot,
SA10 9EL.

All lighting specifications are fully compliant with the WRU requirements and relevant standards.

Partner for Contact:

Order No.:

Company:

Customer No.:

Date: 24.03.2026

Operator:



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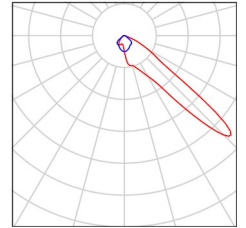


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Seven Sisters RFC 100lux 2026 / Luminaire parts list

12 Pieces SP04-800-5770-F04001X-L39
Article No.:
Luminous flux (Luminaire): 97561 lm
Luminous flux (Lamps): 97561 lm
Luminaire Wattage: 803.7 W
Luminaire classification according to CIE: 100
CIE flux code: 45 94 100 100 100
Fitting: 1 x / (Correction Factor 1.000).

See our luminaire
catalog for an image of
the luminaire.



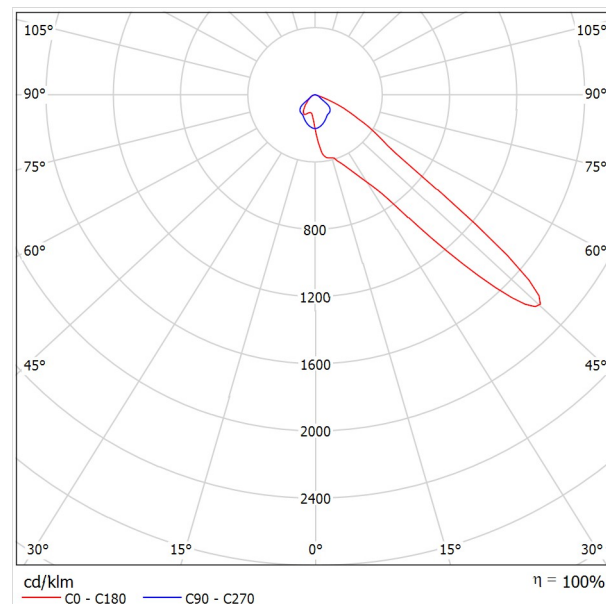


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SP04-800-5770-F04001X-L39 / Luminaire Data Sheet

Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.

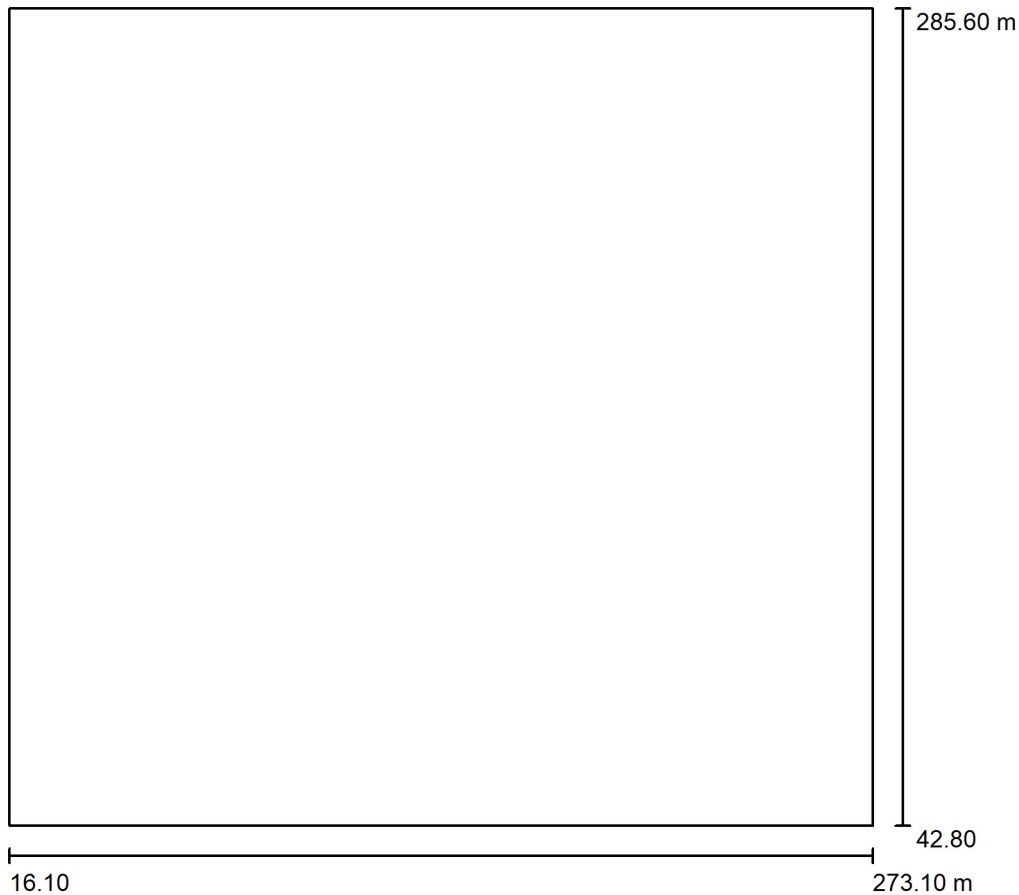


Luminaire classification according to CIE: 100
CIE flux code: 45 94 100 100 100

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



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Exterior Scene 1 / Planning data

Light loss factor: 0.80, ULR (Upward Light Ratio): 0.5%

Scale 1:2251

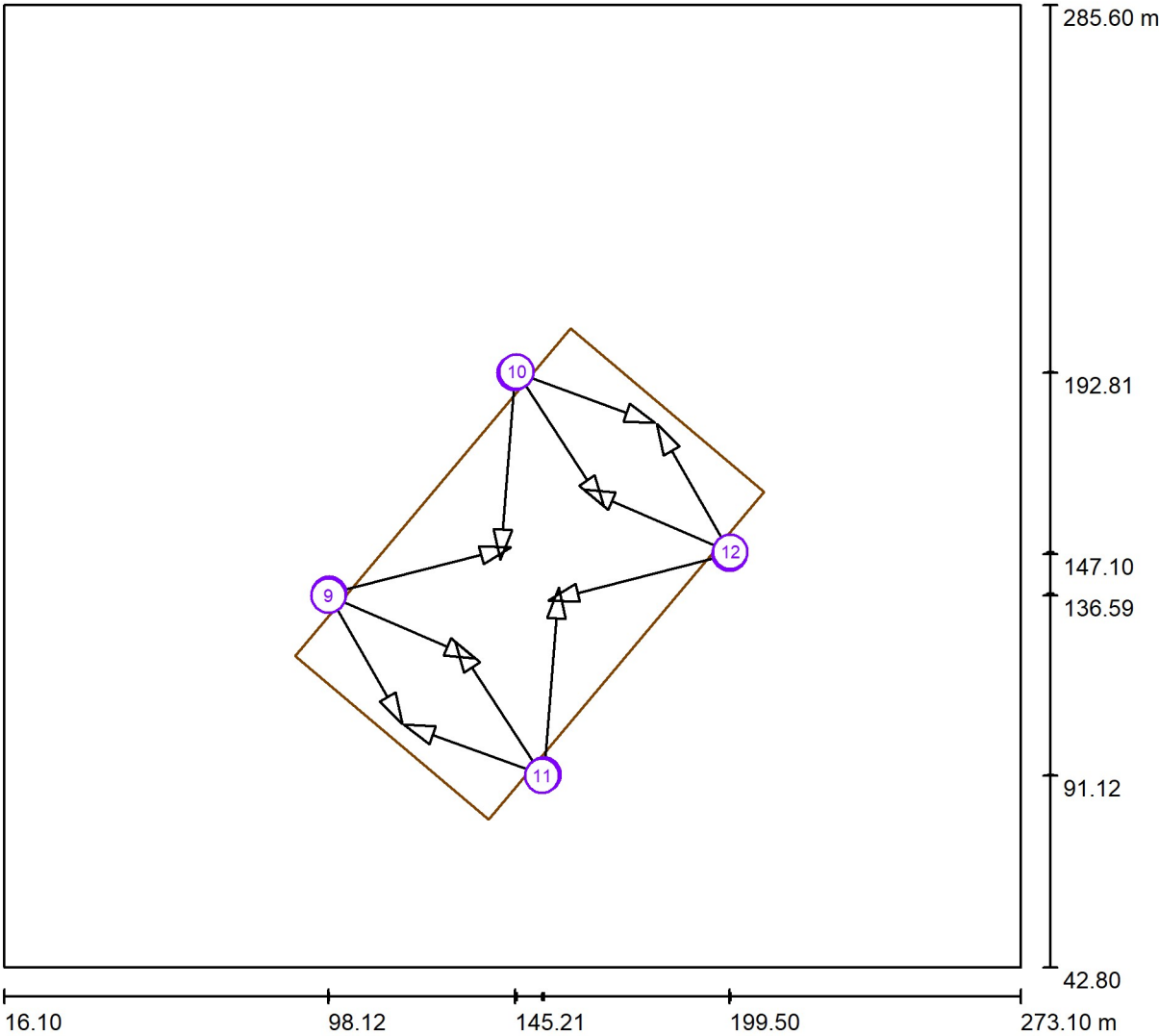
Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
1	12	SP04-800-5770-F04001X-L39 (1.000)	97561	97561	803.7
Total:			1170731	Total: 1170732	9644.0



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Exterior Scene 1 / Sport Luminaires (Coordinates List)



Scale 1 : 1838

List of the Sport Luminaires

Luminaire	Index	Position [m]			Aiming Point [m]			Angle [°]	Alignment	Pole
		X	Y	Z	X	Y	Z			
SP04-800-5770-F04001X-L39	1	98.300	137.100	15.000	144.190	148.775	0.000	17.6	(C 0, G IMax)	/
SP04-800-5770-F04001X-L39	2	145.214	192.813	15.000	141.521	145.606	0.000	17.6	(C 0, G IMax)	/
SP04-800-5770-F04001X-L39	3	152.586	91.387	15.000	156.279	138.594	0.000	17.6	(C 0, G IMax)	/
SP04-800-5770-F04001X-L39	4	199.500	147.100	15.000	153.610	135.425	0.000	17.6	(C 0, G IMax)	/



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Exterior Scene 1 / Sport Luminaires (Coordinates List)

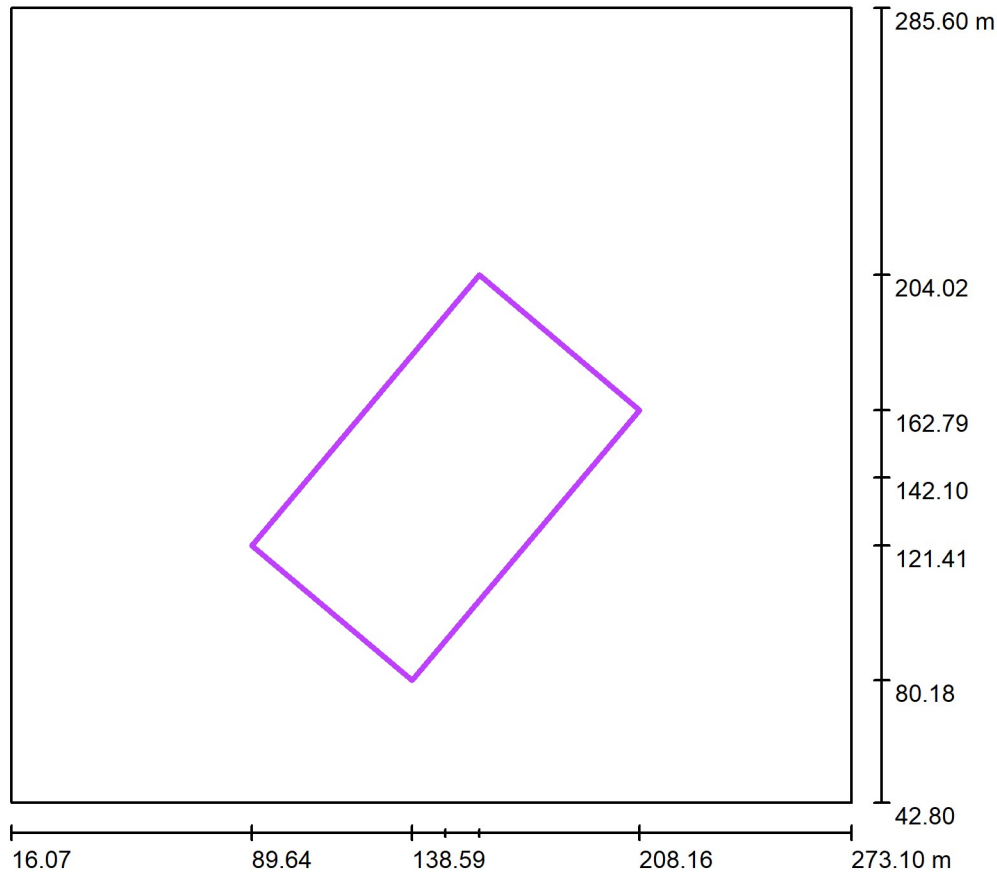
List of the Sport Luminaires

Luminaire	Index	Position [m]			Aiming Point [m]			Angle [°]	Alignment	Pole
		X	Y	Z	X	Y	Z			
SP04-800-5770-F04001X-L39	5	98.217	136.855	15.000	116.800	104.314	0.000	21.8	(C 0, G IMax)	/
SP04-800-5770-F04001X-L39	6	145.441	192.936	15.000	180.671	180.163	0.000	21.8	(C 0, G IMax)	/
SP04-800-5770-F04001X-L39	7	152.359	91.264	15.000	117.129	104.037	0.000	21.8	(C 0, G IMax)	/
SP04-800-5770-F04001X-L39	8	199.583	147.345	15.000	181.000	179.886	0.000	21.8	(C 0, G IMax)	/
SP04-800-5770-F04001X-L39	9	98.117	136.592	15.000	135.200	120.745	0.000	20.4	(C 0, G IMax)	/
SP04-800-5770-F04001X-L39	10	145.684	193.080	15.000	167.612	159.235	0.000	20.4	(C 0, G IMax)	/
SP04-800-5770-F04001X-L39	11	152.116	91.120	15.000	130.188	124.965	0.000	20.4	(C 0, G IMax)	/
SP04-800-5770-F04001X-L39	12	199.683	147.608	15.000	162.600	163.455	0.000	20.4	(C 0, G IMax)	/



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Exterior Scene 1 / General Sport Area 1 Calculation Grid (PA) / Summary



Scale 1 : 2315

Position: (148.900 m, 142.100 m, 0.000 m)

Size: (108.000 m, 64.000 m)

Rotation: (0.0°, 0.0°, 49.9°)

Type: Normal, Grid: 21 x 13 Points

Belongs to the following sport arena: General Sport Area 1

Results overview

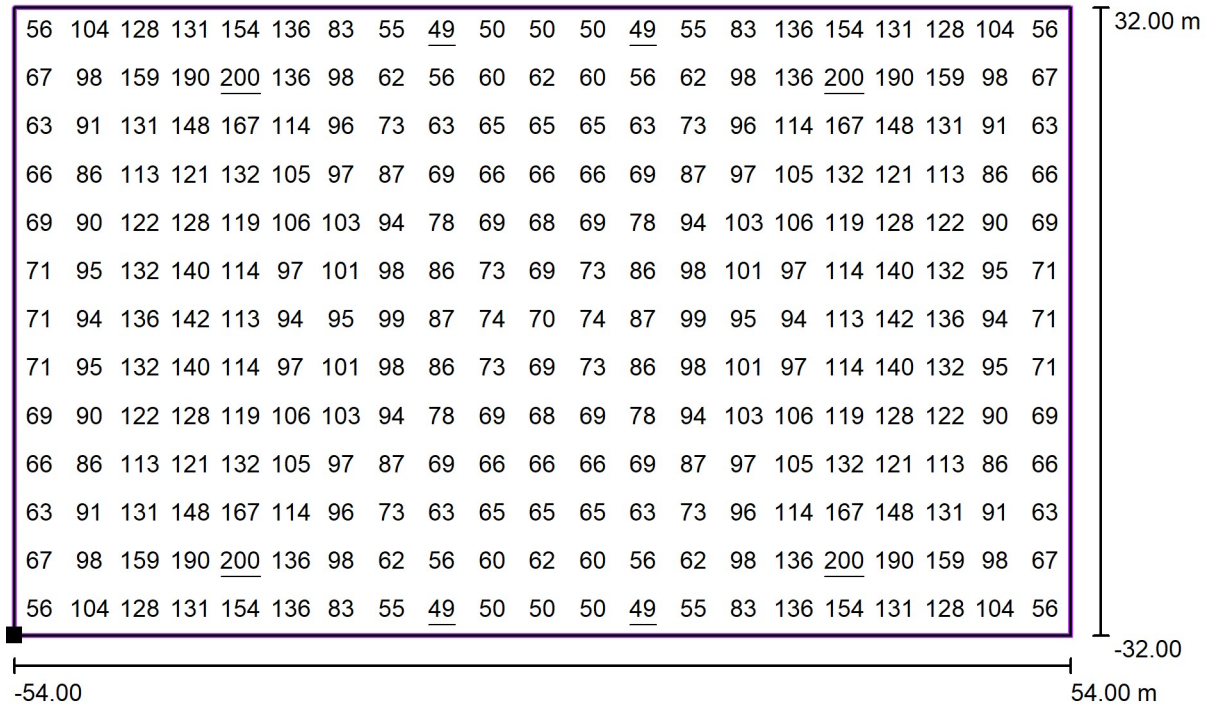
No.	Type	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	$u0$	E_{min} / E_{max}	$E_{h\ m} / E_m$	H [m]	Camera
1	perpendicular	98	49	200	0.49	0.24	/	0.000	/

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



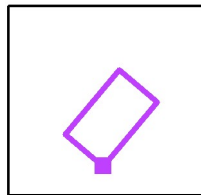
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Exterior Scene 1 / General Sport Area 1 Calculation Grid (PA) / Value Chart (E, Perpendicular)



Values in Lux, Scale 1 : 773

Position of surface in external scene:
Marked point: (138.595 m, 80.182 m, 0.000 m)



Grid: 21 x 13 Points

E_{av} [lx]
98

E_{min} [lx]
49

E_{max} [lx]
200

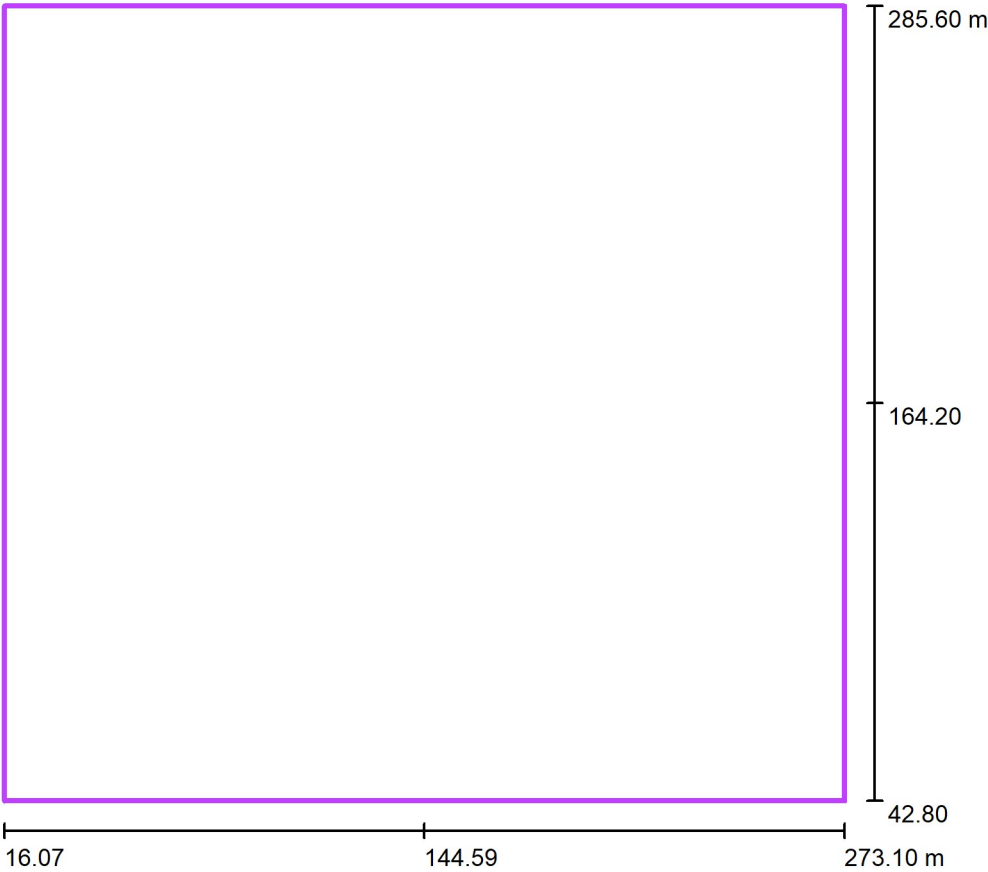
u_0
0.49

E_{min} / E_{max}
0.24



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Exterior Scene 1 / Calculation Grid 1 / Summary



Scale 1 : 2315

Position: (144.587 m, 164.200 m, 0.000 m)
Size: (257.026 m, 242.800 m)
Rotation: (0.0°, 0.0°, 0.0°)
Type: Normal, Grid: 27 x 25 Points

Results overview

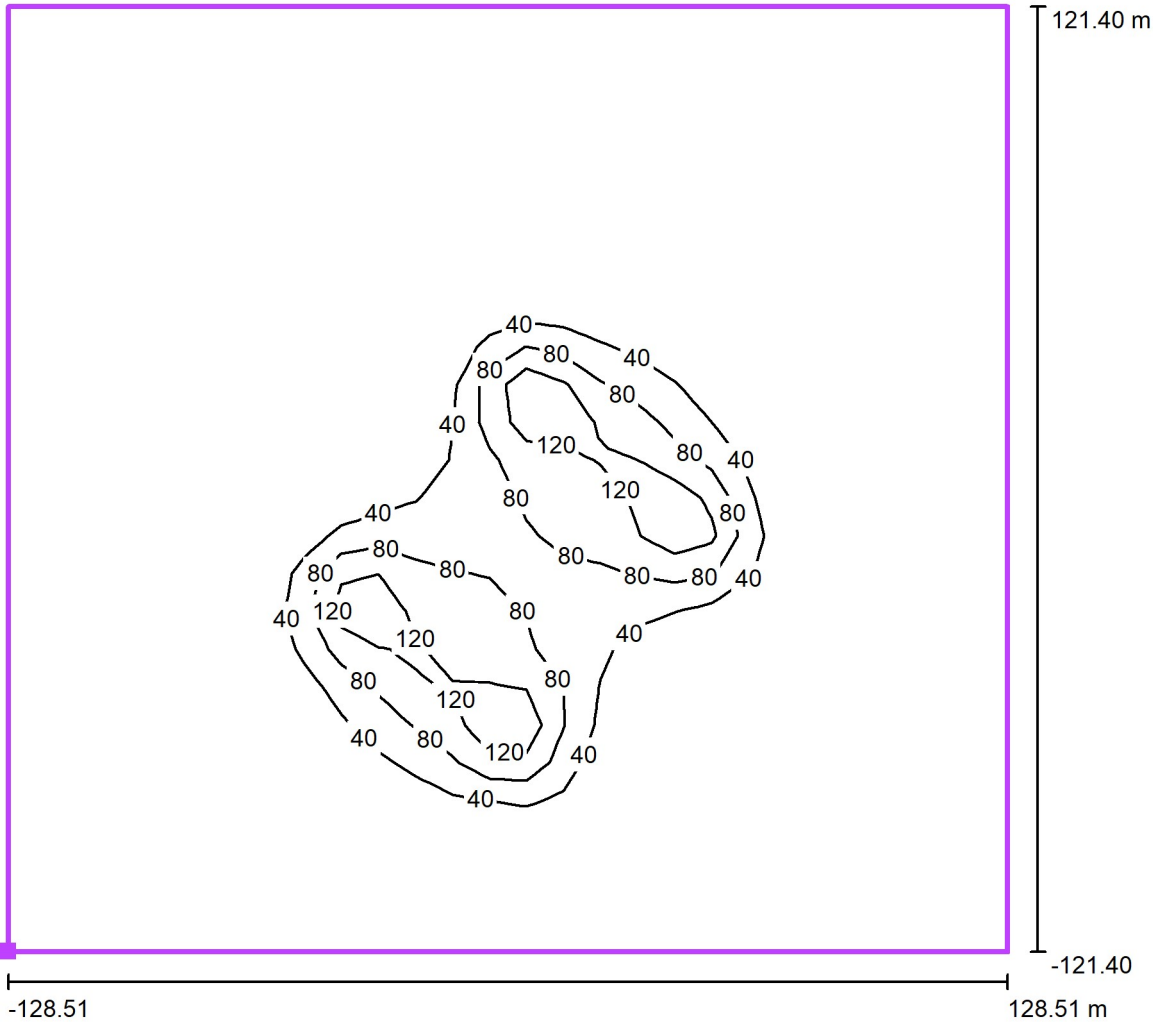
No.	Type	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}	$E_{h\ m} / E_m$	H [m]	Camera
1	perpendicular	15	0.03	191	0.00	0.00	/	0.000	/

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



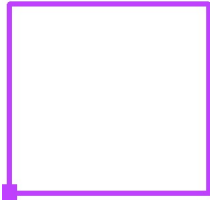
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Exterior Scene 1 / Calculation Grid 1 / Isolines (E, Perpendicular)



Values in Lux, Scale 1 : 1945

Position of surface in external scene:
Marked point: (16.074 m, 42.800 m,
0.000 m)



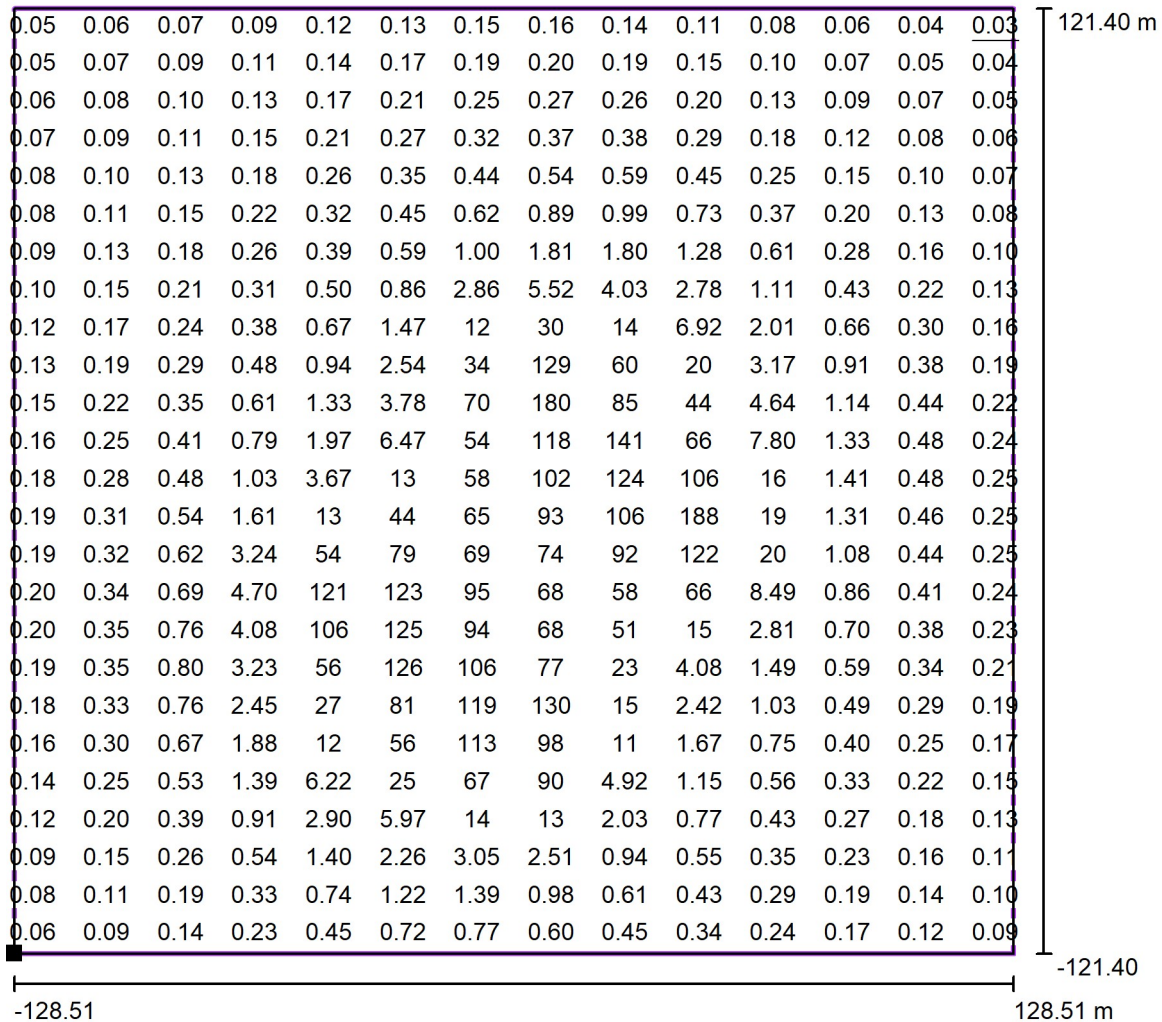
Grid: 27 x 25 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
15	0.03	191	0.00	0.00



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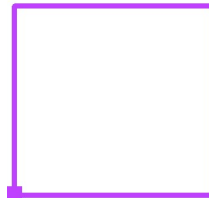
Exterior Scene 1 / Calculation Grid 1 / Value Chart (E, Perpendicular)



Values in Lux, Scale 1 : 1945

Not all calculated values could be displayed.

Position of surface in external scene:
Marked point: (16.074 m, 42.800 m,
0.000 m)



Grid: 27 x 25 Points

E_{av} [lx]
15

E_{min} [lx]
0.03

E_{max} [lx]
191

u_0
0.00

E_{min} / E_{max}
0.00