

Project 1

Partner for Contact:
Order No.:
Company:
Customer No.:

Date: 18.02.2022
Operator:



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e-Mail

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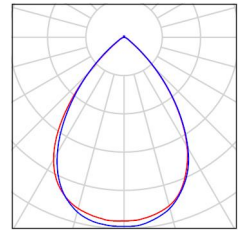


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Project 1 / Luminaire parts list

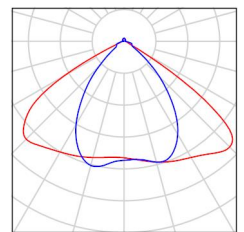
100 Pieces PL-UFO-031-200W 60D
Article No.:
Luminous flux (Luminaire): 33201 lm
Luminous flux (Lamps): 33008 lm
Luminaire Wattage: 199.4 W
Luminaire classification according to CIE: 99
CIE flux code: 82 98 100 99 101
Fitting: 1 x User defined (Correction Factor 1.000).

See our luminaire catalog for an image of the luminaire.



210 Pieces PL-HBL-200W-90*120D
Article No.: PL-HBL-200W-90*120D
Luminous flux (Luminaire): 27244 lm
Luminous flux (Lamps): 27246 lm
Luminaire Wattage: 198.1 W
Luminaire classification according to CIE: 97
CIE flux code: 61 94 99 97 100
Fitting: 1 x User defined (Correction Factor 1.000).

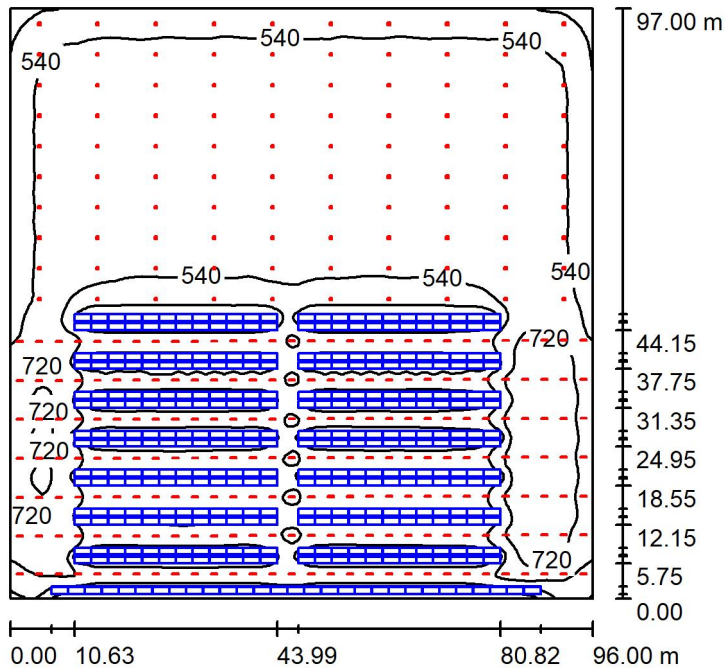
See our luminaire catalog for an image of the luminaire.





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Room 1 / Summary



Height of Room: 12.000 m, Mounting Height: 12.000 m, Maintenance factor: 0.80

Values in Lux, Scale 1:1246

Surface	ρ [%]	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u_0
Workplane	/	545	24	888	0.044
Floor	20	455	3.03	831	0.007
Ceiling	70	70	3.83	1976	0.054
Walls (4)	50	184	3.06	1596	/

Workplane:

Height: 0.850 m
Grid: 128 x 128 Points
Boundary Zone: 0.000 m

Luminaire Parts List

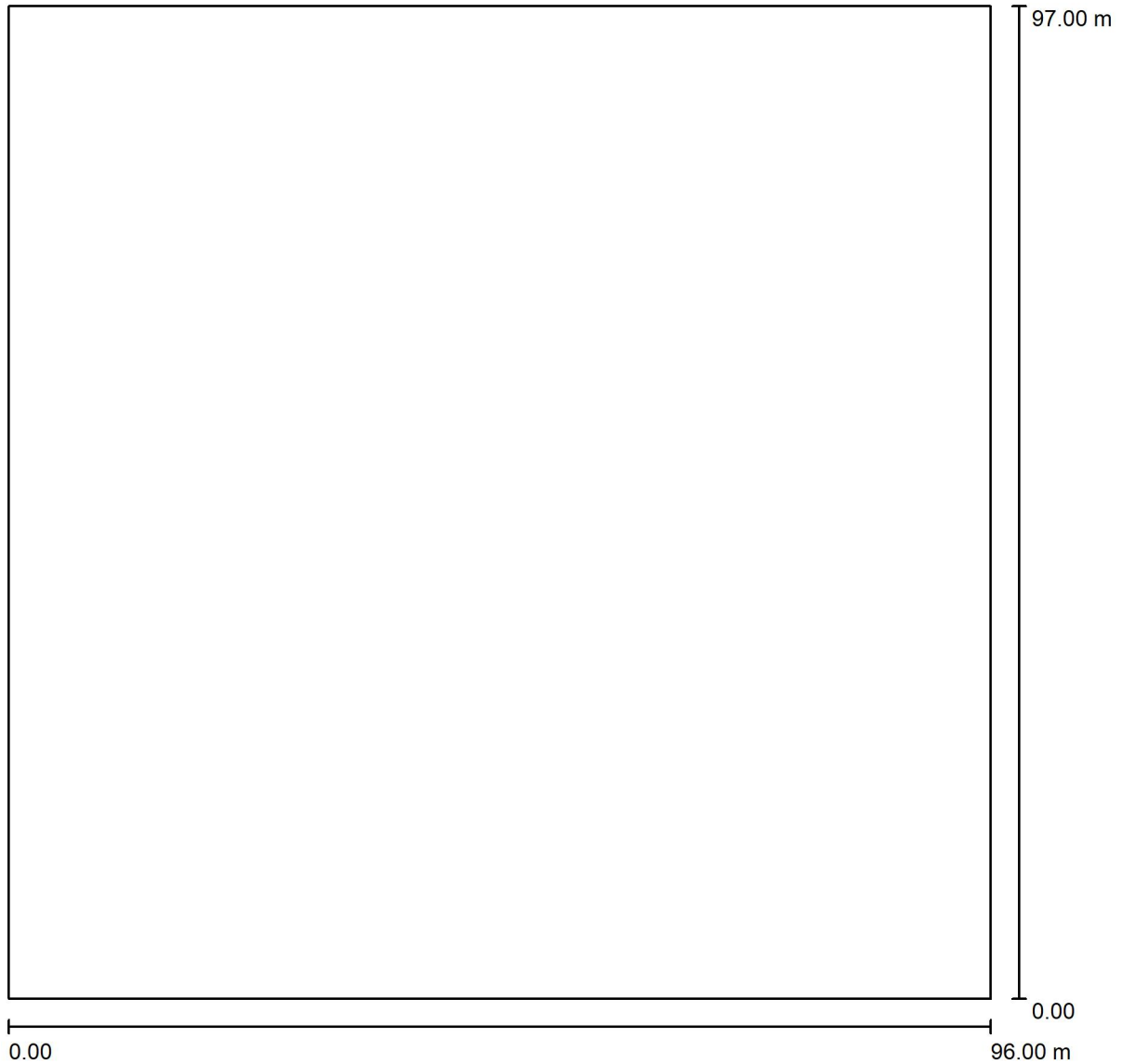
No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
1	100	PL-UFO-031-200W 60D (1.000)	33201	33008	199.4
2	210	PL-HBL-200W-90*120D (1.000)	27244	27246	198.1
			Total: 9041334	Total: 9022355	61544.2

Specific connected load: $6.61 \text{ W/m}^2 = 1.21 \text{ W/m}^2/100 \text{ lx}$ (Ground area: 9312.00 m^2)



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Room 1 / Floor plan

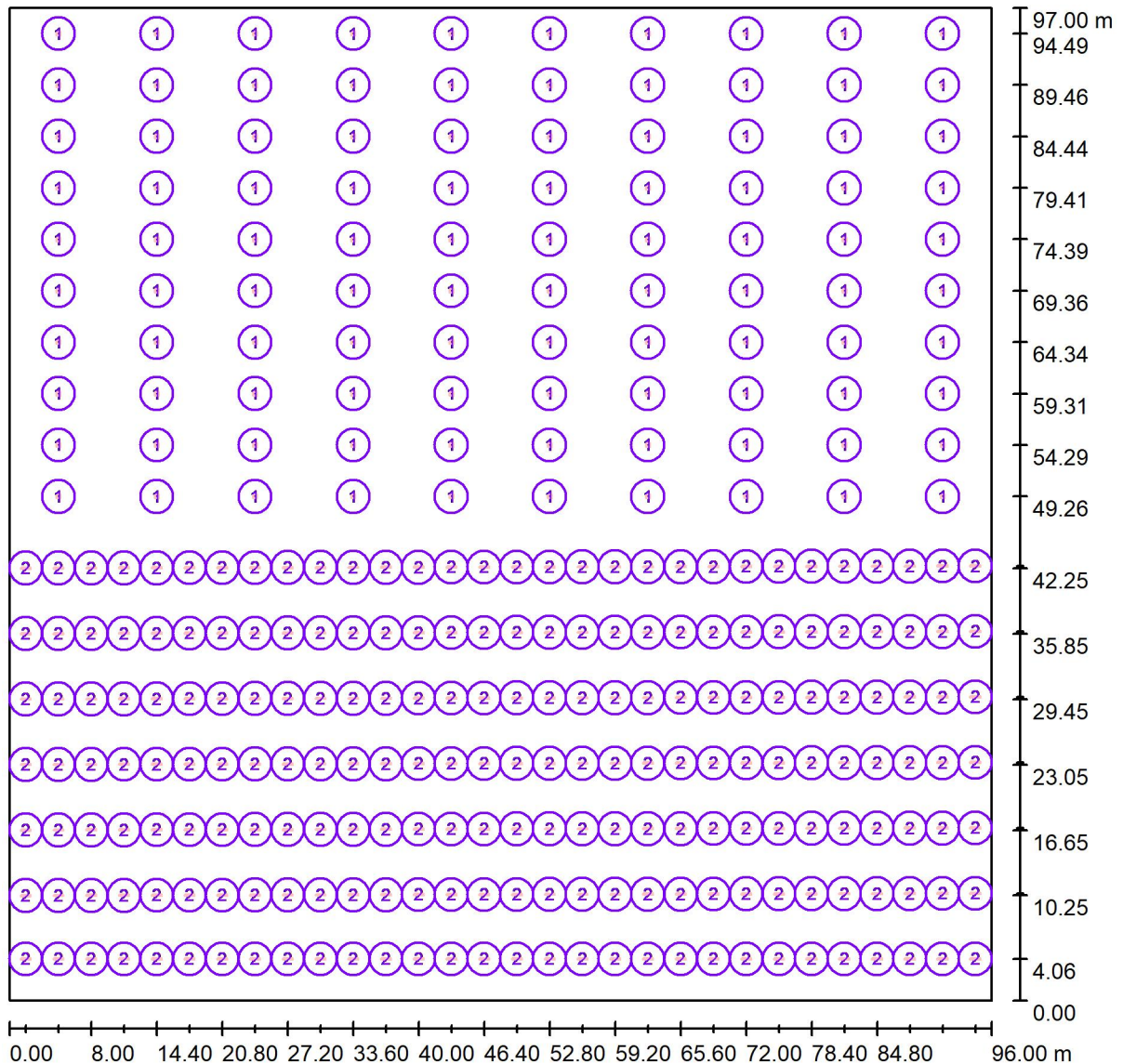


Scale 1 : 687



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Room 1 / Luminaires (layout plan)



Scale 1 : 687

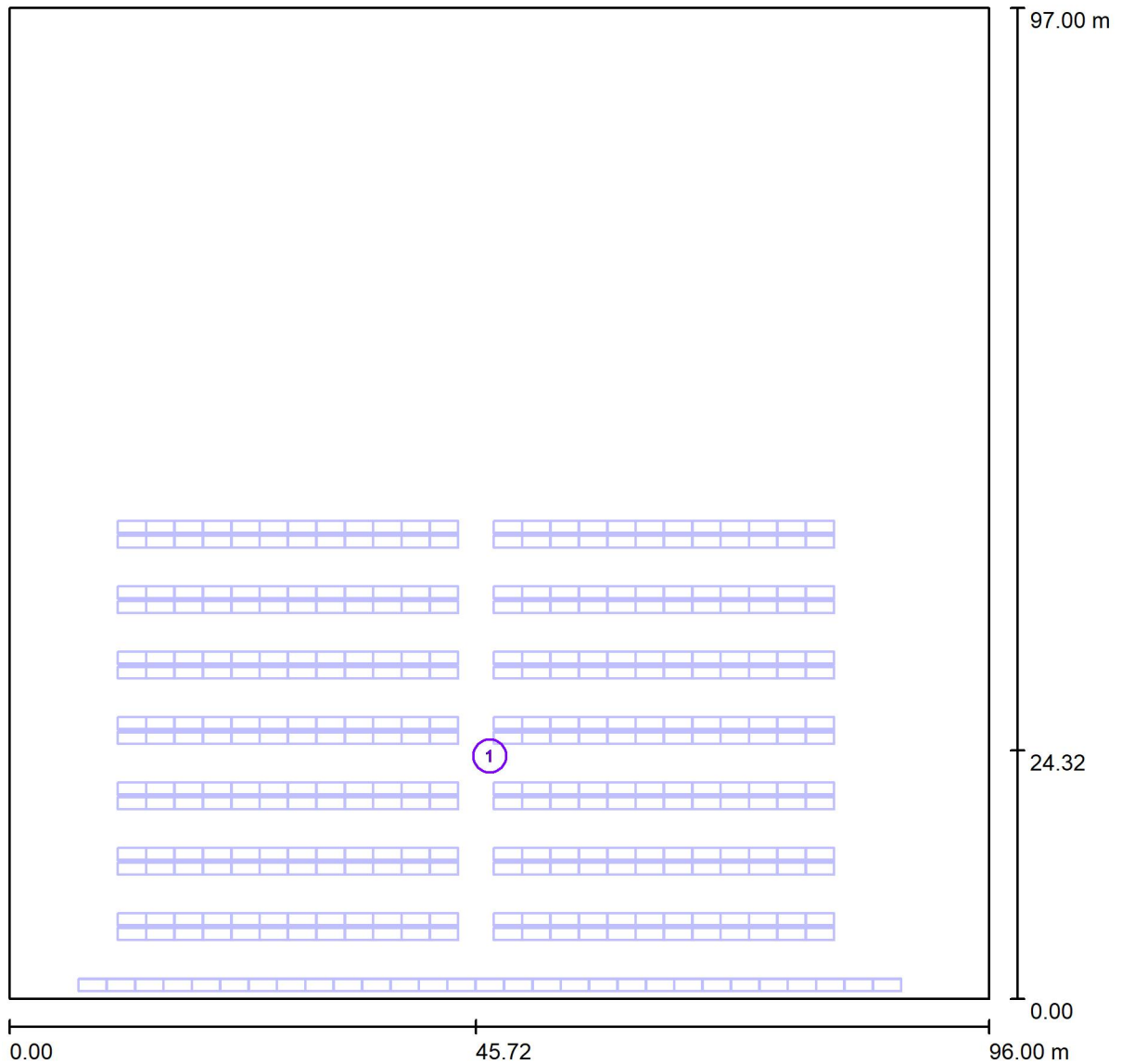
Luminaire Parts List

No.	Pieces	Designation
1	100	PL-UFO-031-200W 60D
2	210	PL-HBL-200W-90*120D



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Room 1 / Objects (layout plan)



Scale 1 : 687

Object parts list

No.	Pieces	Designation
1	1	shelves (Decoration object)



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Room 1 / Photometric Results

Total Luminous Flux: 9041334 lm
Total Load: 61544.2 W
Maintenance factor: 0.80
Boundary Zone: 0.000 m

Surface	Average illuminances [lx]			Reflection factor [%]	Average luminance [cd/m ²]
	direct	indirect	total		
Workplane	484	61	545	/	/
Floor	407	48	455	20	29
Ceiling	2.40	68	70	70	16
Wall 1	19	19	37	50	5.91
Wall 2	174	77	251	50	40
Wall 3	98	85	183	50	29
Wall 4	194	71	265	50	42

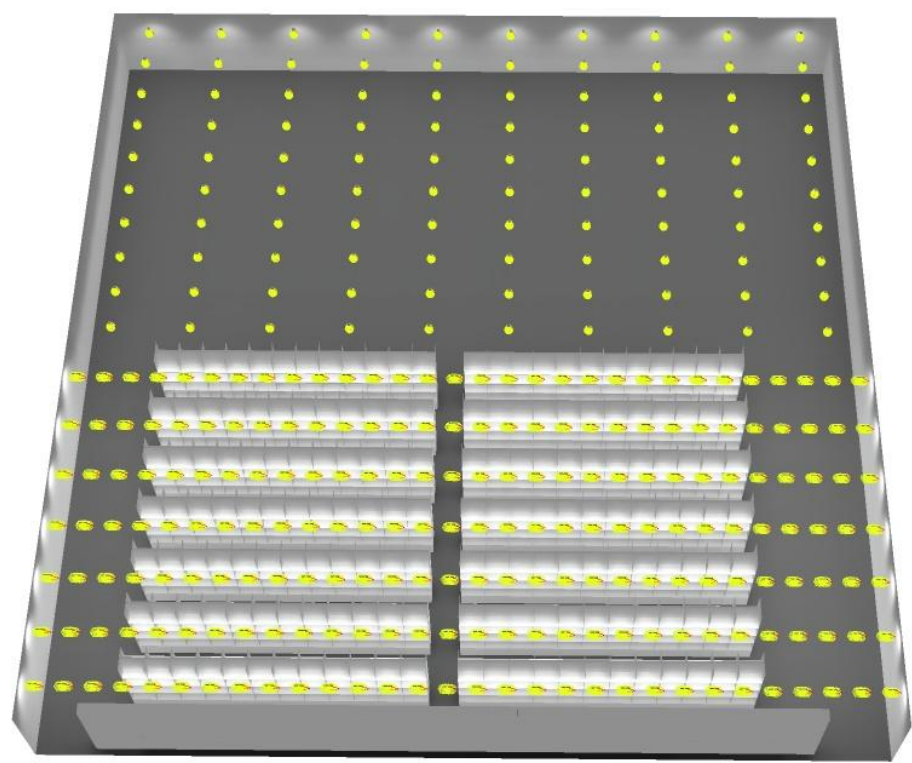
Uniformity on the working plane
u₀: 0.044 (1:23)
E_{min} / E_{max}: 0.027 (1:37)

Specific connected load: 6.61 W/m² = 1.21 W/m²/100 lx (Ground area: 9312.00 m²)



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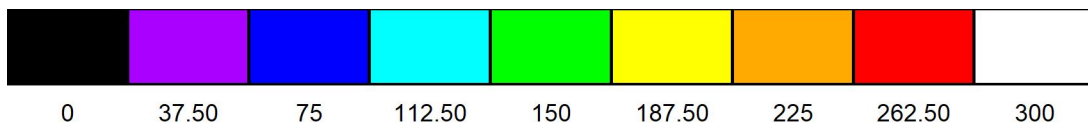
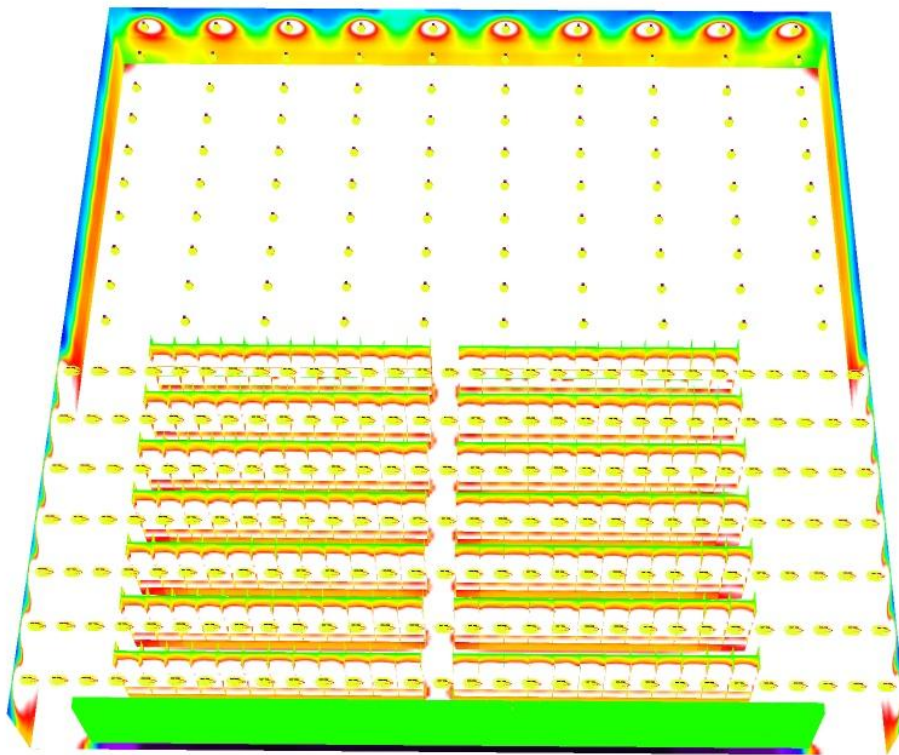
Room 1 / 3D Rendering





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Room 1 / False Colour Rendering

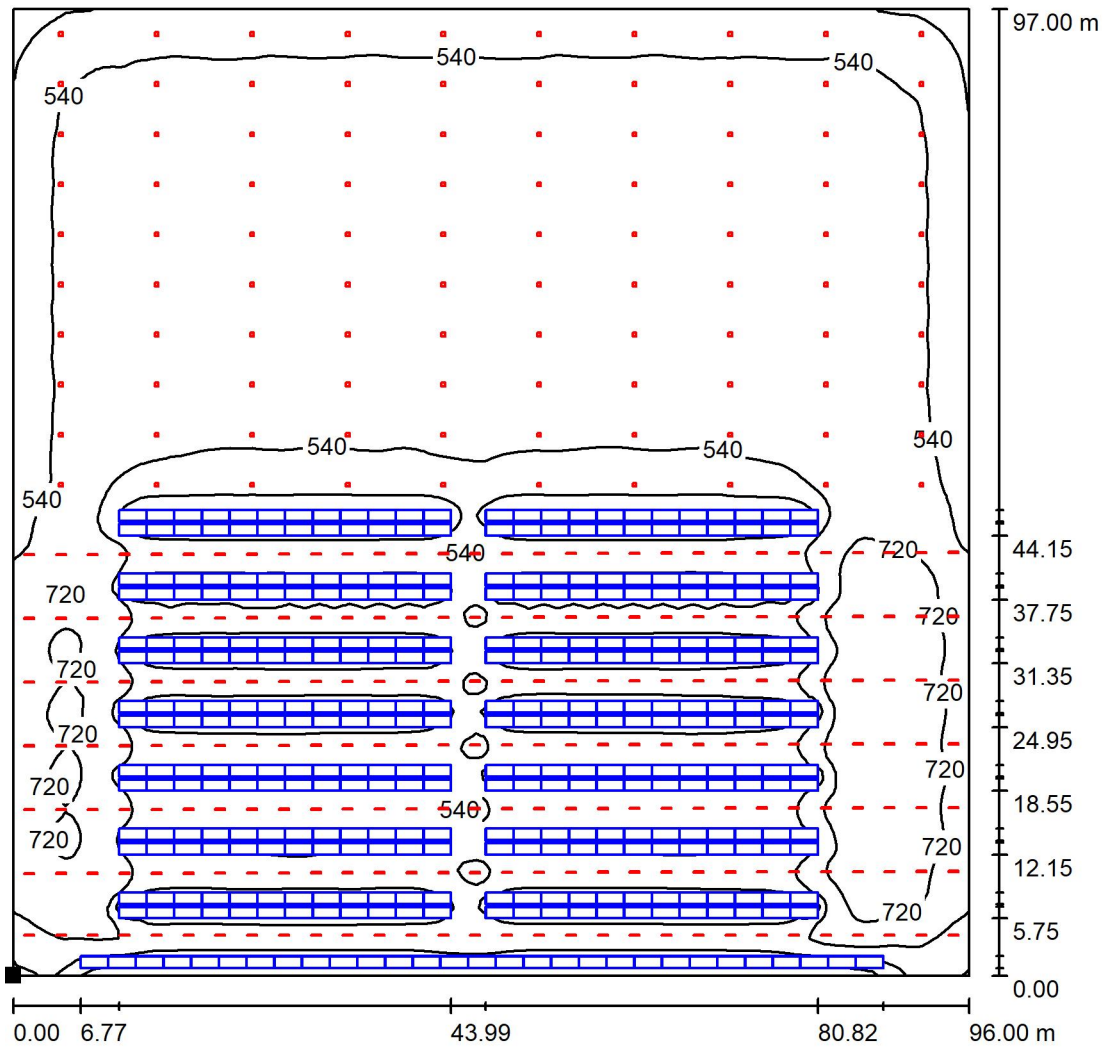


lx



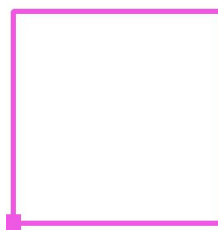
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Room 1 / Workplane / Isolines (E)



Values in Lux, Scale 1 : 759

Position of surface in room:
Marked point:
(0.000 m, 0.000 m, 0.850 m)



Grid: 128 x 128 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
545	24	888	0.044	0.027