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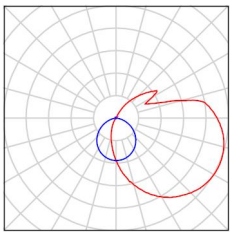
Project 1 / Luminaire parts list

1 Pieces

Article No.:
Luminous flux (Luminaire): 2266 lm
Luminous flux (Lamps): 2266 lm
Luminaire Wattage: 21.1 W
Luminaire classification according to CIE: 76
CIE flux code: 27 54 78 76 100
Fitting: 0 x User defined (Correction Factor 1.000).

See our luminaire catalog for an image of the luminaire.



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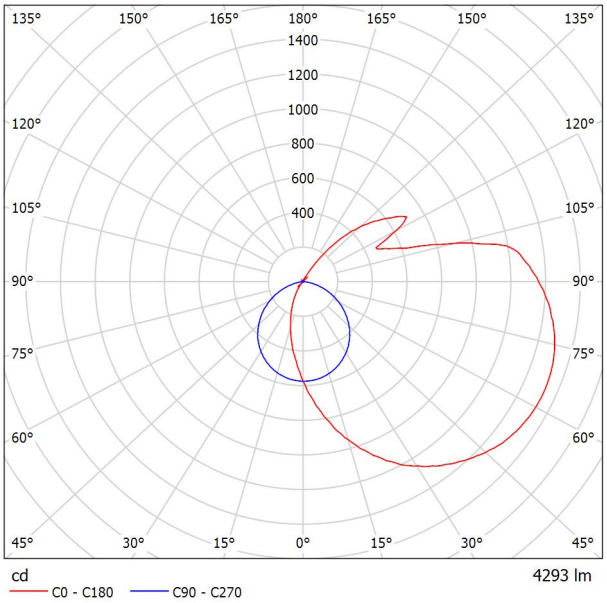
/ Luminaire Data Sheet

See our luminaire catalog for an image of the luminaire.

Luminous emittance 1:



Luminaire classification according to CIE: 76
CIE flux code: 28 54 79 76 100

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

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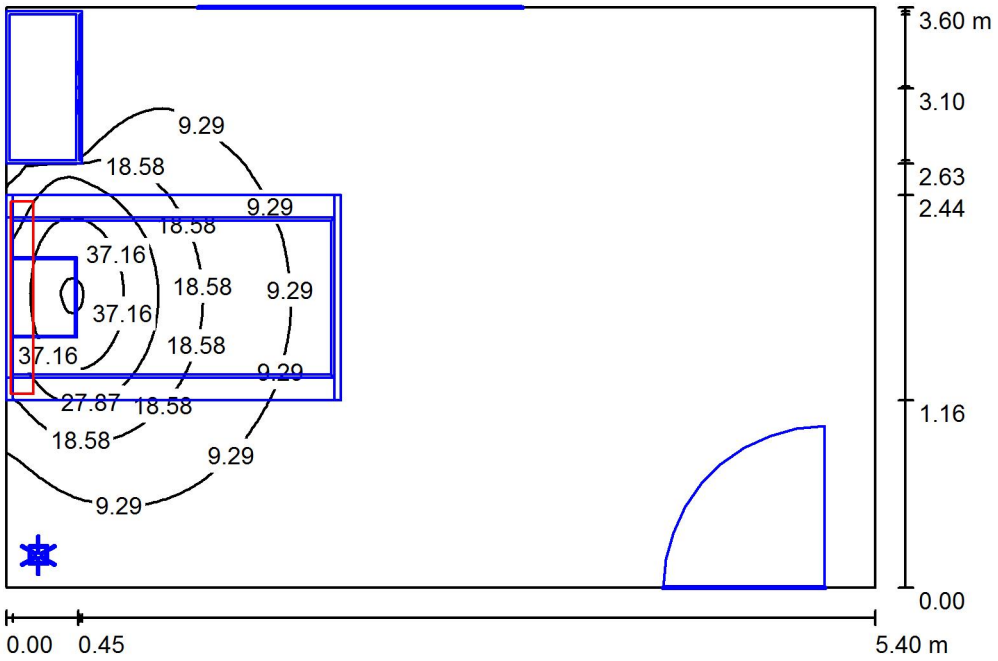
Room 1 / Summary



Height of Room: 2.800 m, Mounting Height: 1.500 m, Light loss factor: 0.80

Values in Footcandles, Scale 1:47

Surface	ρ [%]	E_{av} [fc]	E_{min} [fc]	E_{max} [fc]	u0
Workplane	/	7.01	1.17	48	0.167
Floor	68	3.52	0.08	11	0.024
Ceiling	70	3.40	1.96	6.43	0.575
Walls (4)	50	3.82	0.04	16	/

Workplane:

Height:	0.680 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	1	(1.000)	2266	2266	21.1
			Total: 2266	Total: 2266	21.1

Specific connected load: 1.09 W/m² = 1.55 W/m²/10 fc (Ground area: 19.44 m²)

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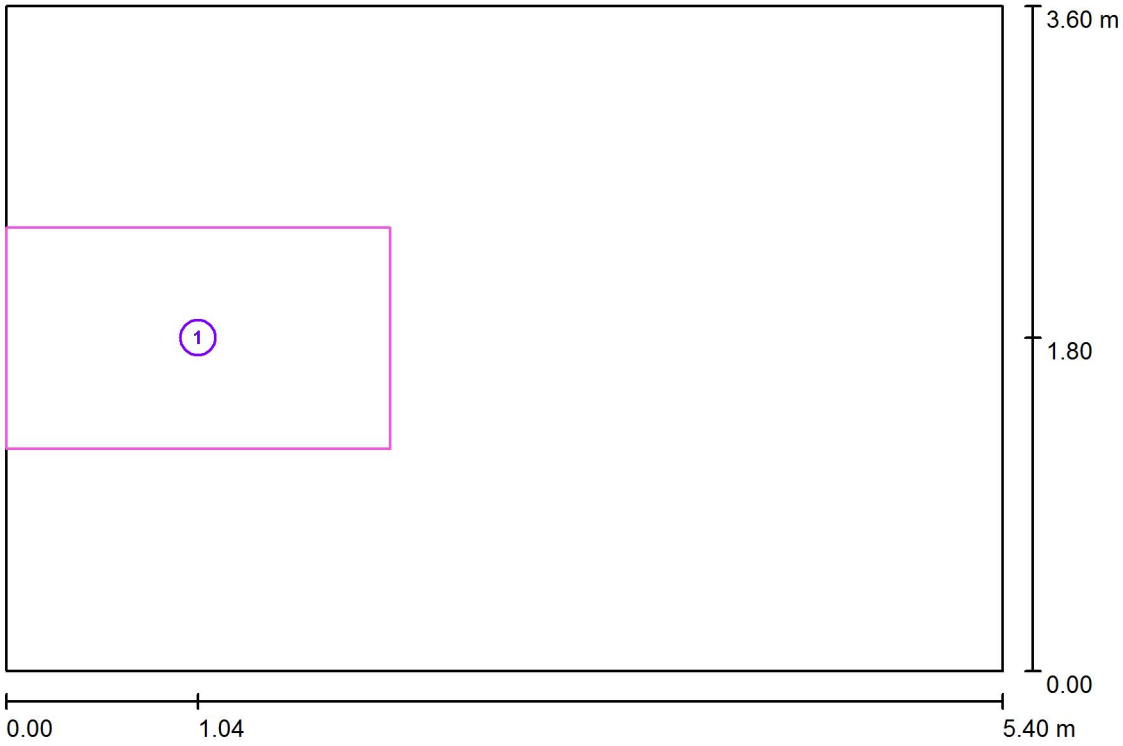
Room 1 / Calculation surfaces (results overview)



Scale 1 : 41

Calculation Surface List

No.	Designation	Type	Grid	E_{av} [fc]	E_{min} [fc]	E_{max} [fc]	u0	E_{min} / E_{max}
1	Calculation Surface 1	perpendicular	64 x 64	20	7.19	35	0.363	0.203

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Room 1 / 3D Rendering

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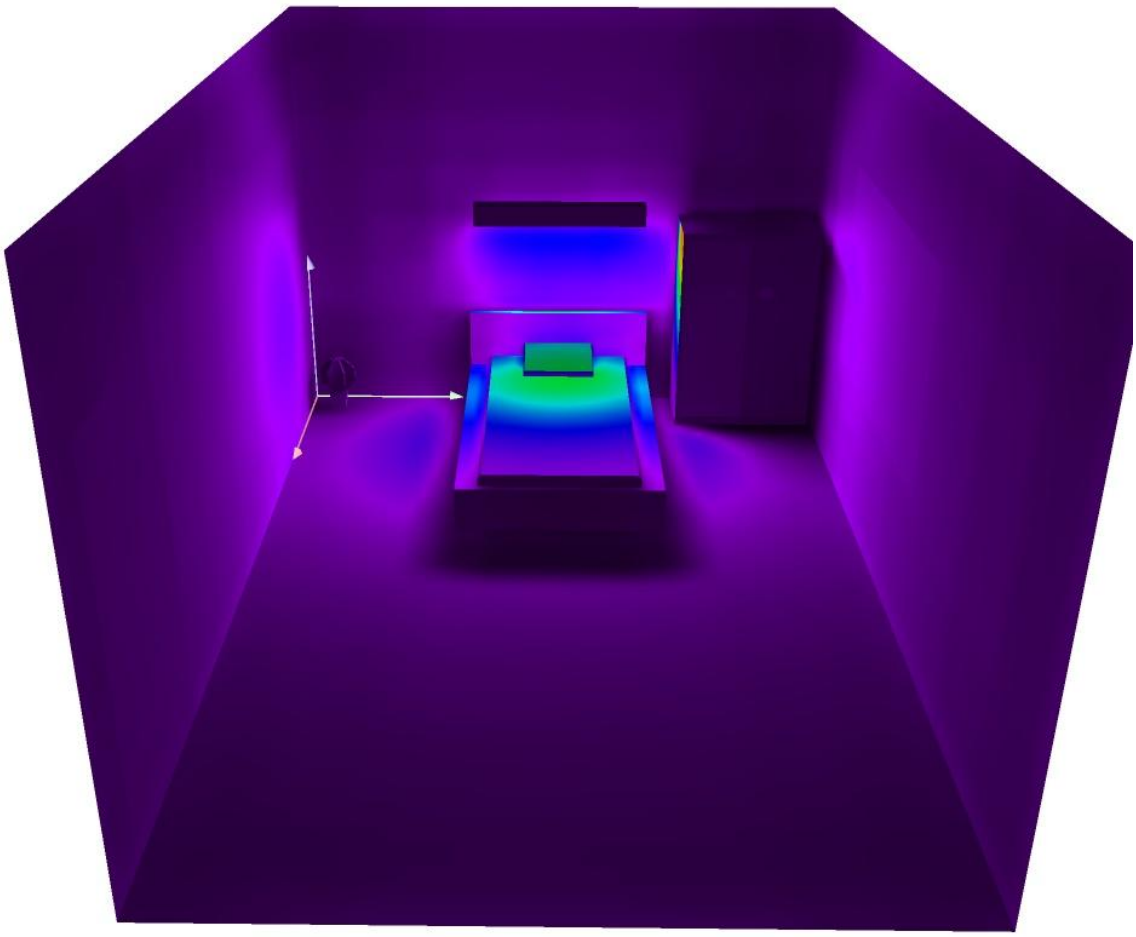
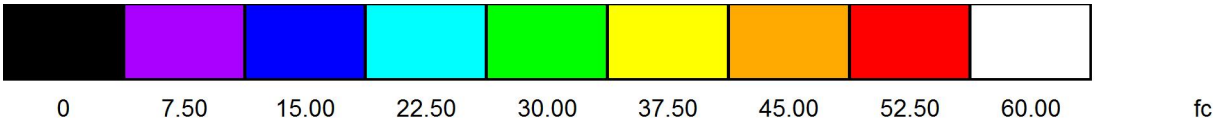
Room 1 / False Color Rendering





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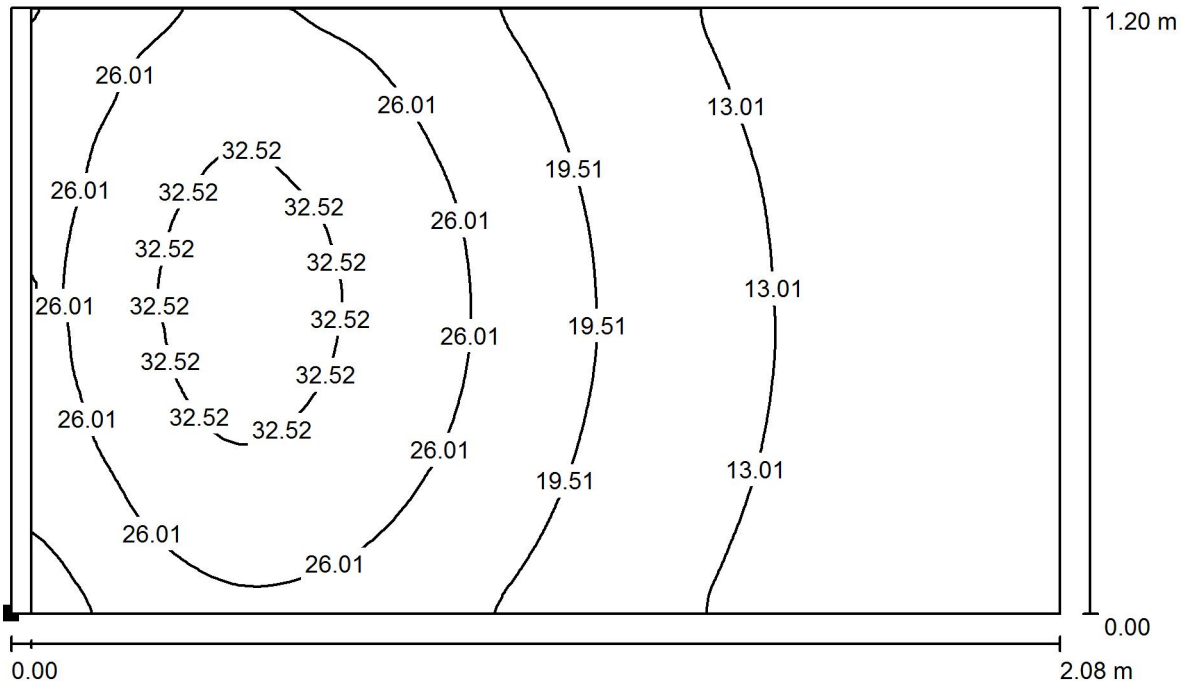
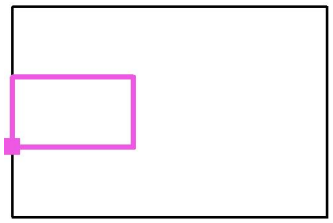
Room 1 / Calculation Surface 1 / Isolines (E, Perpendicular)



Values in Footcandles, Scale 1 : 15

Position of surface in room:
Marked point:
(0.000 m, 1.200 m, 0.500 m)



Grid: 64 x 64 Points

E_{av} [fc]	E_{min} [fc]	E_{max} [fc]	u0	E_{min} / E_{max}
20	7.19	35	0.363	0.203

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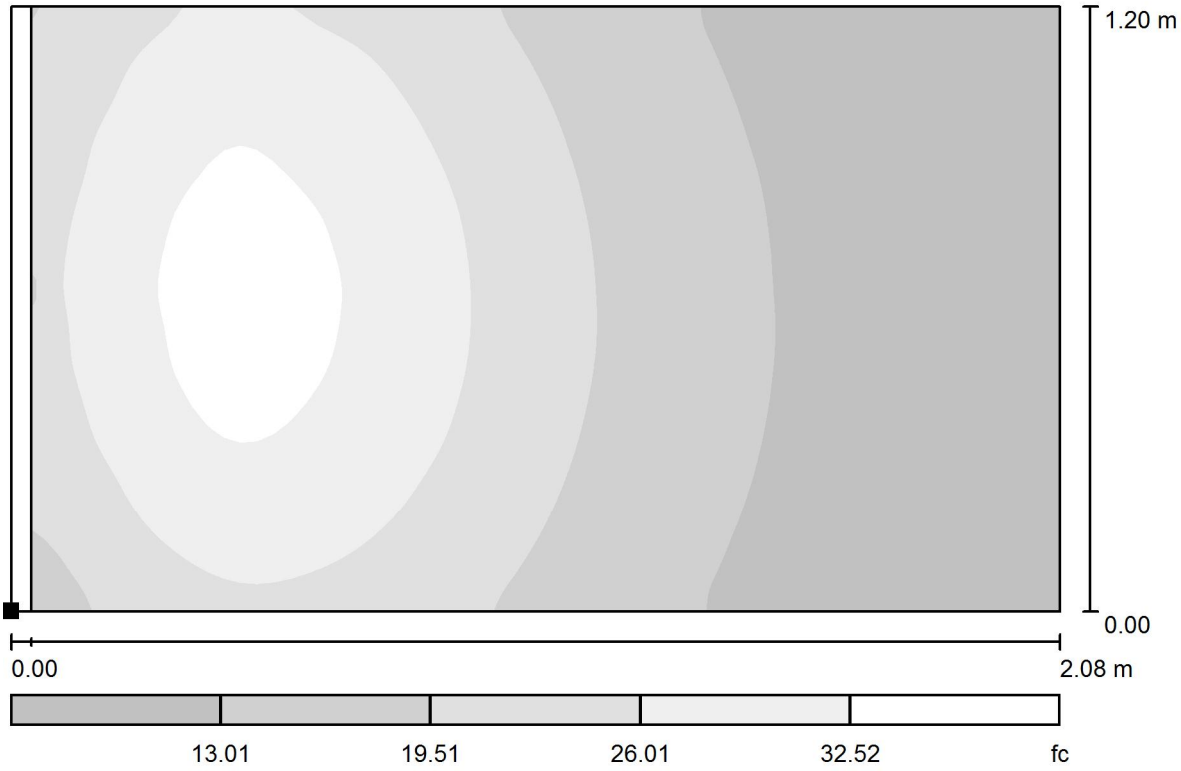
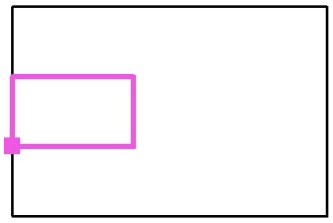
Room 1 / Calculation Surface 1 / Greyscale (E, Perpendicular)



Scale 1 : 15

Position of surface in room:
Marked point:
(0.000 m, 1.200 m, 0.500 m)



Grid: 64 x 64 Points

E_{av} [fc]	E_{min} [fc]	E_{max} [fc]	u0	E_{min} / E_{max}
20	7.19	35	0.363	0.203