CUSTOMER

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

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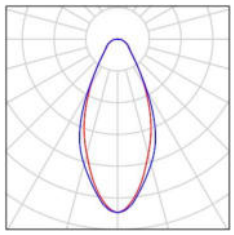
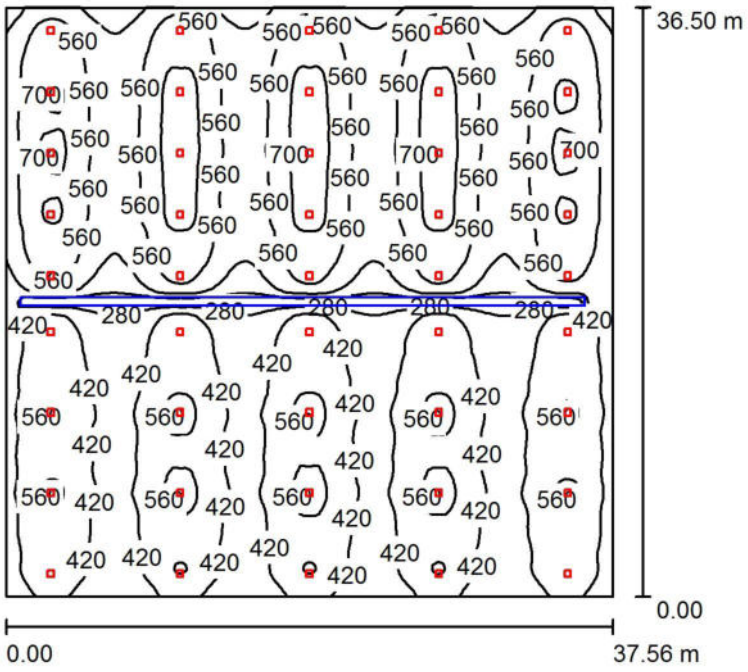
TCGUnitech/Luminaire parts list

91 Pieces dali type of lamps 273W 26600lm
4000K 80Ra DALI
Article No.: dali
Luminous flux (Luminaire): 26601 lm
Luminous flux (Lamps): 26600 lm
Luminaire Wattage: 273.0 W
Luminaire classification according to DIN: A60
CIE flux code: 71 87 96 100 100
Fitting: 1 x LED (Correction Factor 1.000).

See our luminaire catalog for an image of the luminaire.



Objekt13/Summary



Height of Room: 9.500 m, Mounting Height: 8.500 m, Maintenance factor: 0.70

Values in Lux, Scale 1:469

Surface	□ [%]	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0
Workplane	/	504	90	769	0.179
Floor	20	498	206	714	0.413
Ceiling	70	97	77	118	0.797
Walls (4)	50	219	81	582	/

Workplane:

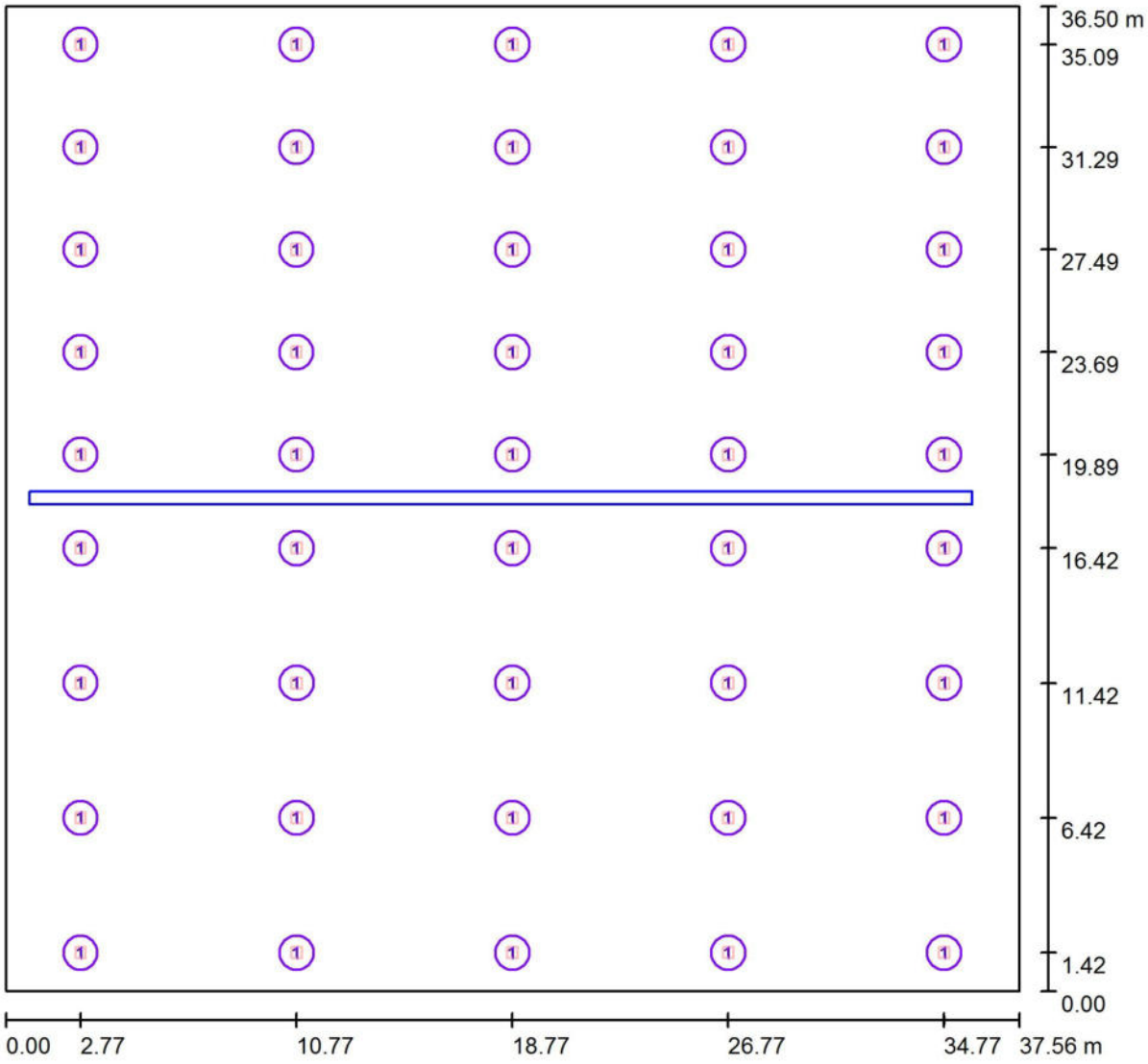
Height:	0.850 m
Grid:	128 x 128 Points
Boundary Zone:	0.000 m

Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	□ (Luminaire) [lm]	□ (Lamps) [lm]	P [W]
1	45	dali type of lamp 273W 26600lm 4000K 80Ra DALI (1.000)	26601	26600	273.0
			Total: 1197029	Total: 1197000	12285.0

Specific connected load: 8.96 W/m² = 1.78 W/m²/100 lx (Ground area: 1370.83 m²)

Objekt13/Luminaires(layout plan)

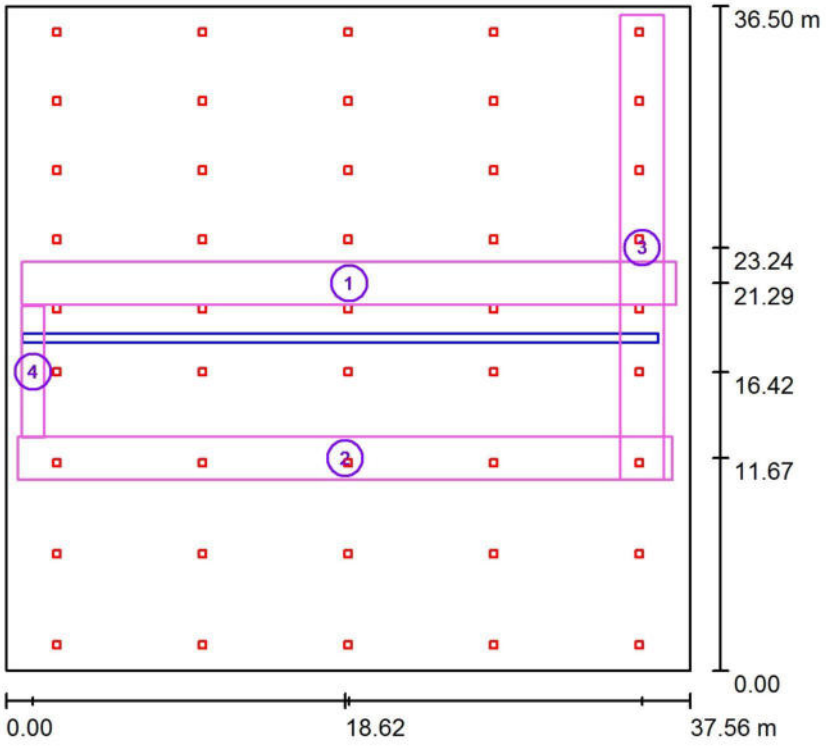


Scale 1 : 269

Luminaire Parts List

No.	Pieces	Designation
1	45	dali type of lamp 273W 26600lm 4000K 80Ra DALI

Objekt 13 / Calculation surfaces (results overview)



Scale 1 : 416

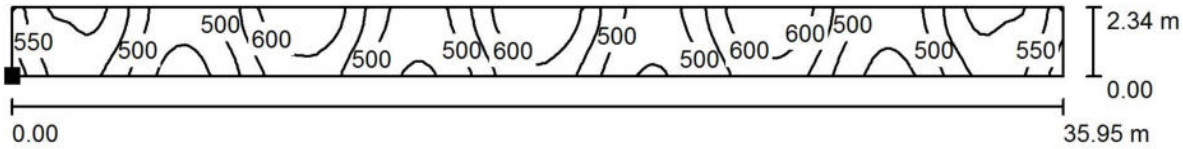
Calculation Surface List

No.	Designation	Type	Grid	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
1	Calculation Surface	horizontal	128 x 8	538	434	643	0.806	0.675
2	Calculation Surface	horizontal	128 x 8	469	389	558	0.830	0.698
3	Calculation Surface	horizontal	16 x 128	563	251	684	0.446	0.368
4	Calculation Surface	horizontal	8 x 32	414	224	509	0.540	0.440

Summary of Results

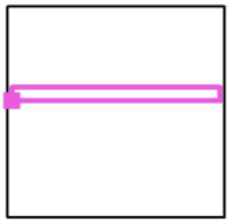
Type	Quantity	Average [lx]	Min [lx]	Max [lx]	u0	E_{min} / E_{max}
horizontal	4	516	224	684	0.43	0.33

Objekt 13 / Calculation Surface / Isolines (E, Horizontal)



Values in Lux, Scale 1 : 258

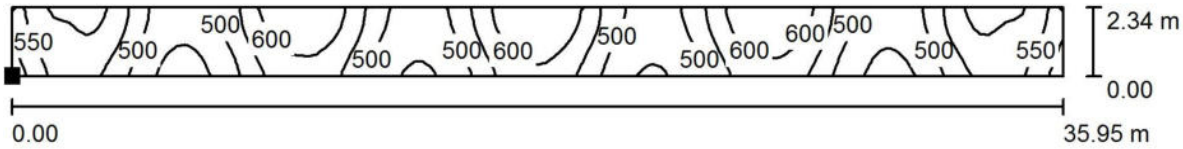
Position of surface in room:
Marked point:
(0.856 m, 20.117 m, 0.020 m)



Grid: 128 x 8 Points

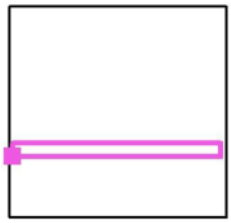
E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
538	434	643	0.806	0.675

Objekt 13 / Calculation Surface / Isolines (E, Horizontal)



Values in Lux, Scale 1 : 258

Position of surface in room:
Marked point:
(0.643 m, 10.504 m, 0.020 m)



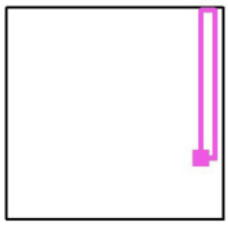
Grid: 128 x 8 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
469	389	558	0.830	0.698

Objekt 13 / Calculation Surface / Isolines (E, Horizontal)

Values in Lux, Scale 1 : 200

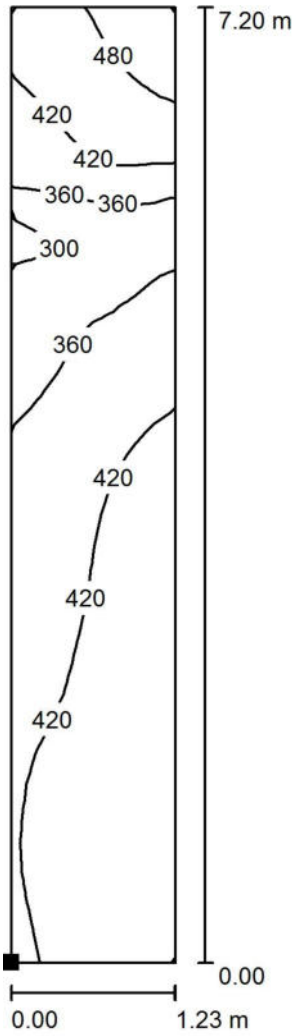
Position of surface in room:
Marked point:
(33.722 m, 10.474 m, 0.020 m)



Grid: 16 x 128 Points

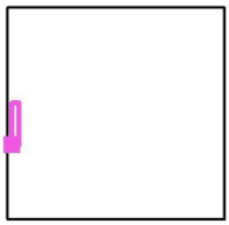
E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
563	251	684	0.446	0.368

Objekt 13 / Calculation Surface / Isolines (E, Horizontal)



Values in Lux, Scale 1 : 57

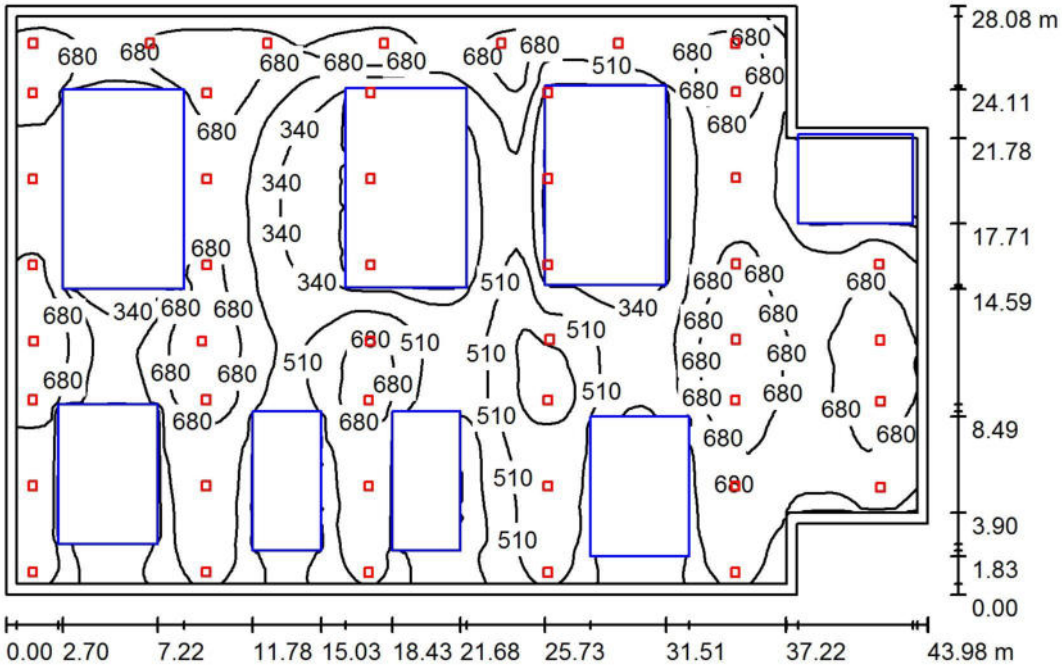
Position of surface in room:
Marked point:
(0.862 m, 12.822 m, 0.020 m)



Grid: 8 x 32 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
414	224	509	0.540	0.440

Objekt11/Summary



Height of Room: 9.500 m, Mounting Height: 8.500 m, Maintenance factor: 0.70

Values in Lux, Scale 1:361

Surface	□ [%]	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0
Workplane	/	560	20	831	0.035
Floor	20	397	6.91	769	0.017
Ceiling	70	112	49	282	0.440
Walls (8)	50	238	15	889	/

Workplane:

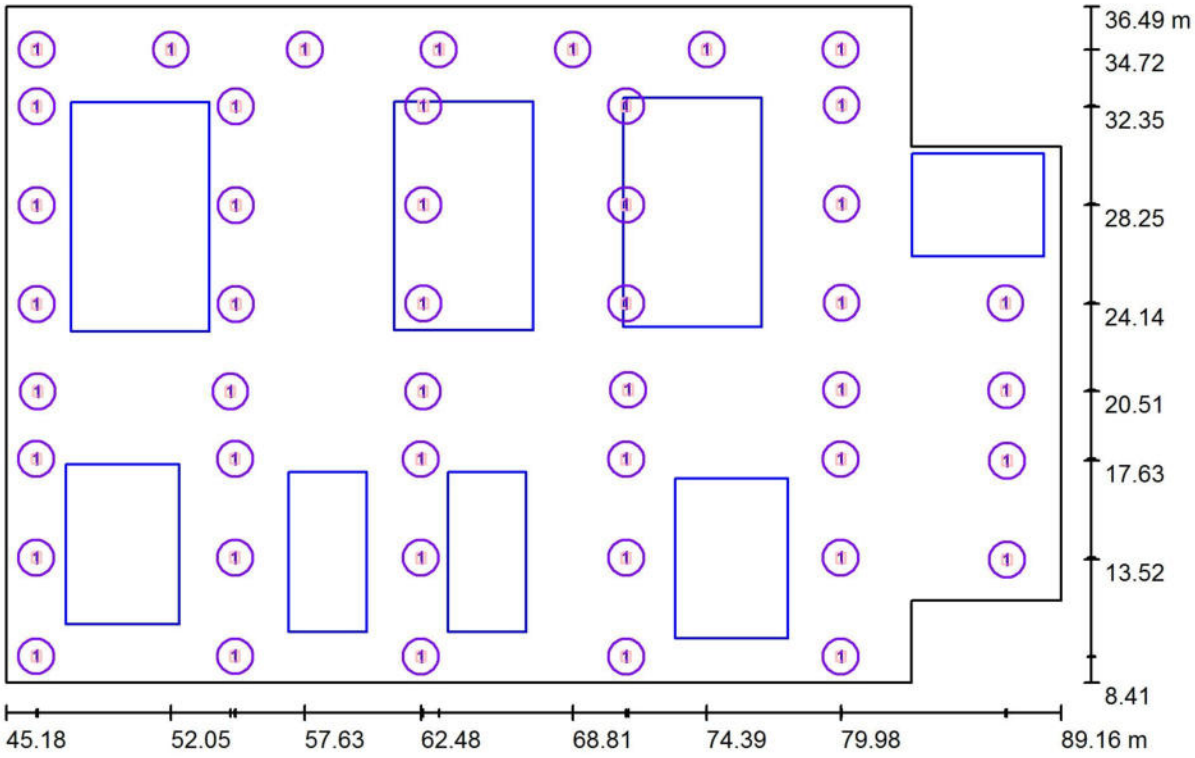
Height:	0.750 m
Grid:	128 x 128 Points
Boundary Zone:	0.500 m

Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	□ (Luminaire) [lm]	□ (Lamps) [lm]	P [W]
1	46	dali type of lamp 273W 26600lm 4000K 80Ra DALI (1.000)	26601	26600	273.0
			Total: 1223629	Total: 1223600	12558.0

Specific connected load: 10.66 W/m² = 1.90 W/m²/100 lx (Ground area: 1177.58 m²)

Objekt11/Luminaires(layout plan)

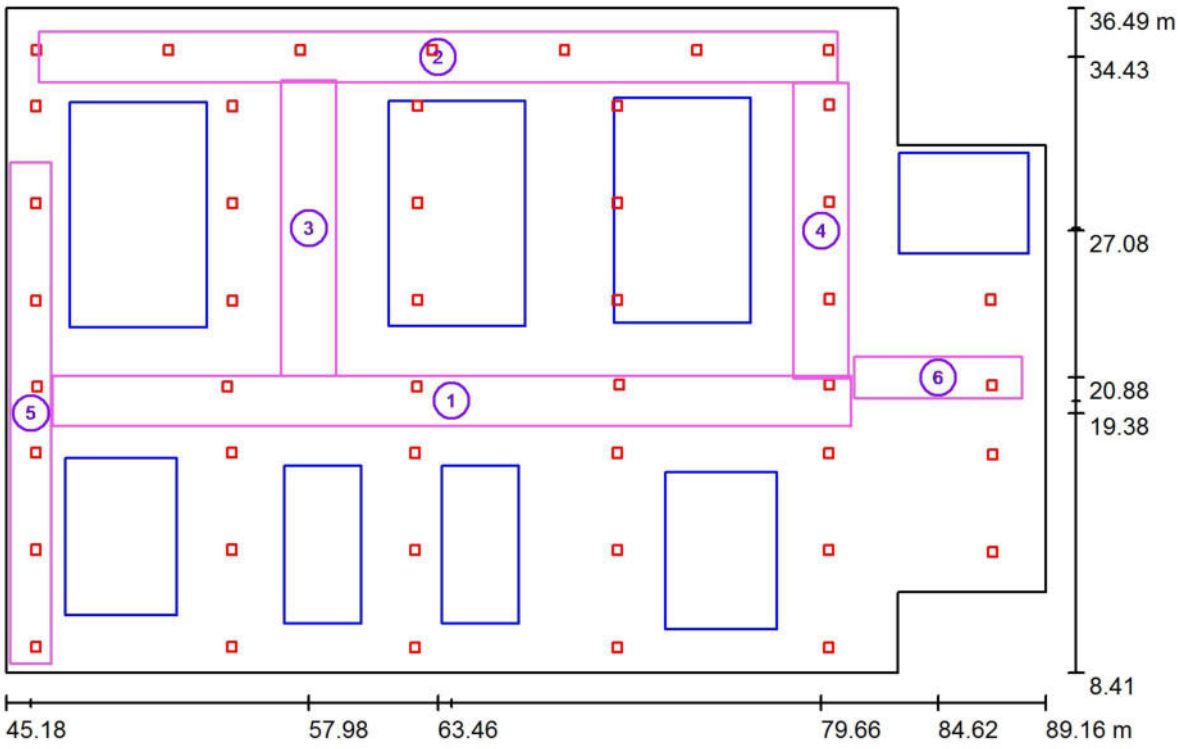


Scale 1 : 315

Luminaire Parts List

No.	Pieces	Designation
1	46	. dali AD-IVAR L55 273W 26600lm 4000K 80Ra DALI

Objekt11/Calculationsurfaces(resultsoverview)



Scale 1 : 320

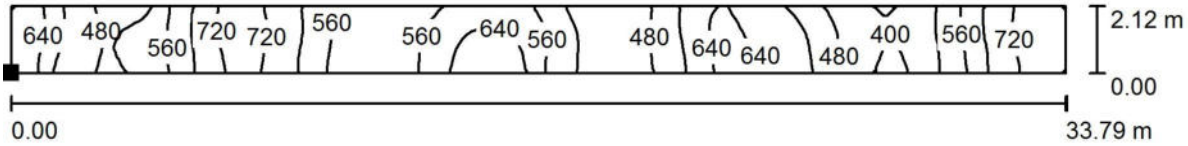
Calculation Surface List

No.	Designation	Type	Grid	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
1	Calculation Surface	horizontal	128 x 8	574	388	761	0.677	0.510
2	Calculation Surface	horizontal	128 x 8	629	425	759	0.675	0.559
3	Calculation Surface	horizontal	16 x 64	456	308	657	0.676	0.469
4	Calculation Surface	horizontal	16 x 64	643	544	751	0.846	0.724
5	Calculation Surface	horizontal	8 x 64	615	452	728	0.734	0.620
6	Calculation Surface	horizontal	32 x 8	697	634	762	0.909	0.831

Summary of Results

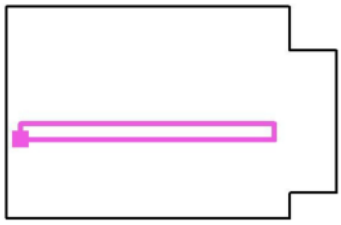
Type	Quantity	Average [lx]	Min [lx]	Max [lx]	u0	E_{min} / E_{max}
horizontal	6	596	308	762	0.52	0.40

Objekt11/CalculationSurface/Isolines(E,Horizontal)



Values in Lux, Scale 1 : 242

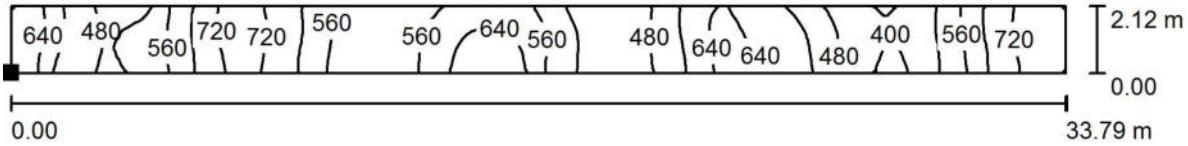
Position of surface in room:
Marked point:
(47.133 m, 18.839 m, 0.020 m)



Grid: 128 x 8 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
574	388	761	0.677	0.510

Objekt11/CalculationSurface/Isolines(E,Horizontal)



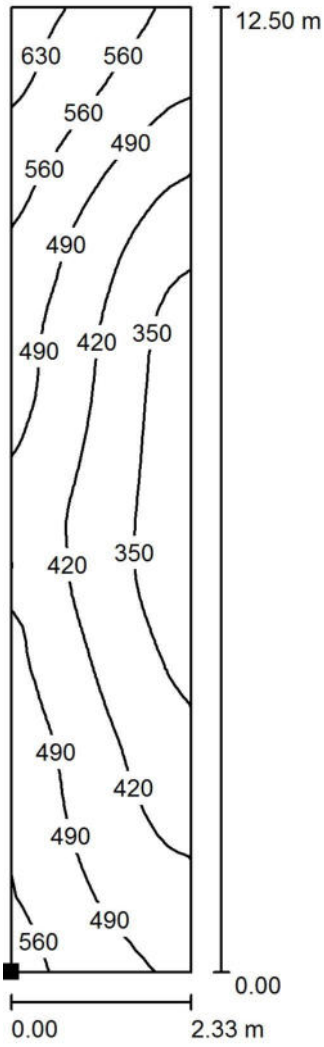
Values in Lux, Scale 1 : 242

Position of surface in room:
Marked point:
(46.564 m, 33.366 m, 0.020 m)

Grid: 128 x 8 Points

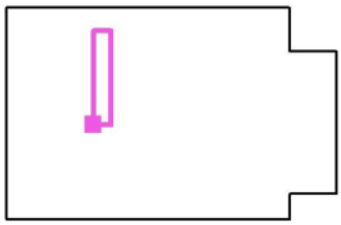
E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
629	425	759	0.675	0.559

Objekt11/CalculationSurface/Isolines(E,Horizontal)



Values in Lux, Scale 1 : 98

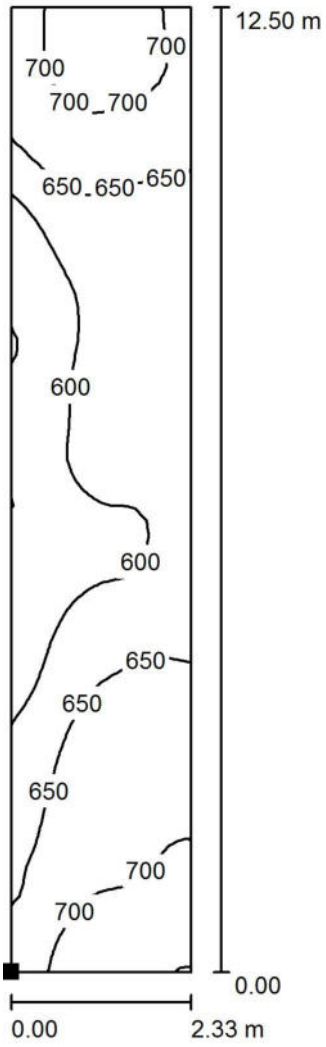
Position of surface in room:
Marked point:
(56.820 m, 20.944 m, 0.020 m)



Grid: 16 x 64 Points

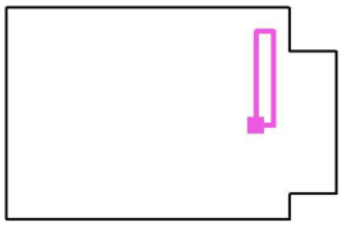
E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
456	308	657	0.676	0.469

Objekt11/CalculationSurface/Isolines(E,Horizontal)



Values in Lux, Scale 1 : 98

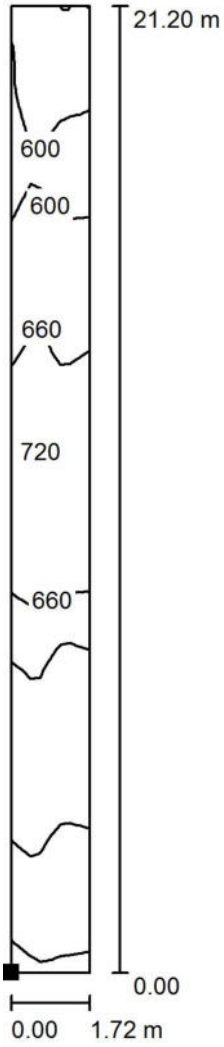
Position of surface in room:
Marked point:
(78.494 m, 20.834 m, 0.020 m)



Grid: 16 x 64 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
643	544	751	0.846	0.724

Objekt11/CalculationSurface/Isolines(E,Horizontal)



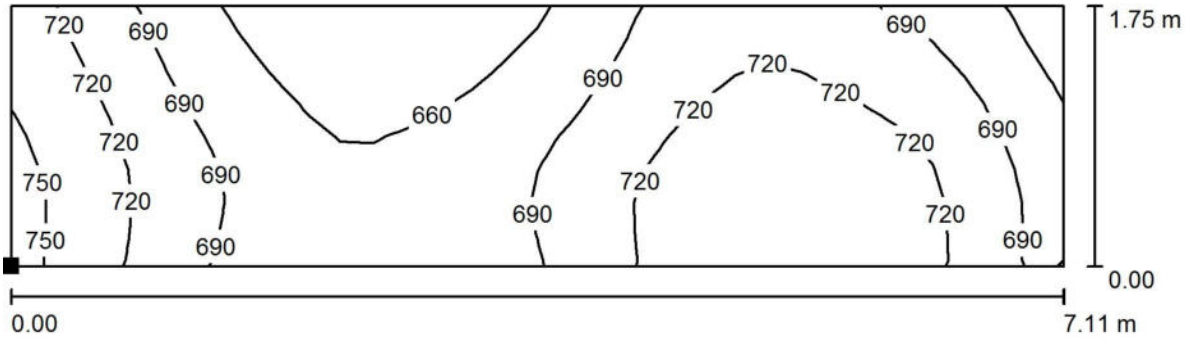
Values in Lux, Scale 1 : 166

Position of surface in room:
Marked point:
(45.369 m, 8.781 m, 0.020 m)

Grid: 8 x 64 Points

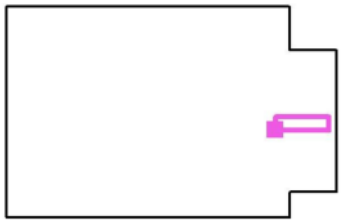
E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
615	452	728	0.734	0.620

Objekt11/CalculationSurface/Isolines(E,Horizontal)



Values in Lux, Scale 1 : 51

Position of surface in room:
Marked point:
(81.061 m, 20.004 m, 0.020 m)



Grid: 32 x 8 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
697	634	762	0.909	0.831