

Osvetlenie výrobnjej haly 8x12x4,5m

Pozadovane:
200 lux min (na podlahe)
vysoke CRI nad 70
Riadenie intenzity (DALI)

Kontaktní osoba:
Eís. zakázky:
Firma:
Eíslo zákazníka:

Date: 28.05.2014
Operator: FuturoLighting

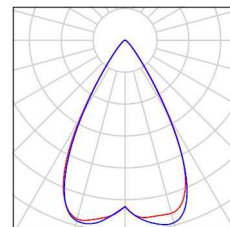
FuturoLighting, s.r.o.
N. Teslu 5
92101 Piestany

Operator FuturoLighting
Telephone 0908/170480
Fax
e-Mail valentin.kulikov@fulit.eu

Osvetlenie výrobnéj haly 8x12x4,5m / Luminaire parts list

6 Pieces FuturoLighting HighStick HighStick, 4000K,
72CRI, 9600lm, high bay fixture
Article No.: HighStick
Luminous flux (Luminaire): 9580 lm
Luminous flux (Lamps): 10560 lm
Luminaire Wattage: 93.0 W
Luminaire classification according to CIE: 100
CIE flux code: 95 99 100 100 91
Fitting: 1 x HighStick (Correction Factor 1.000).

See our luminaire
catalog for an image of
the luminaire.



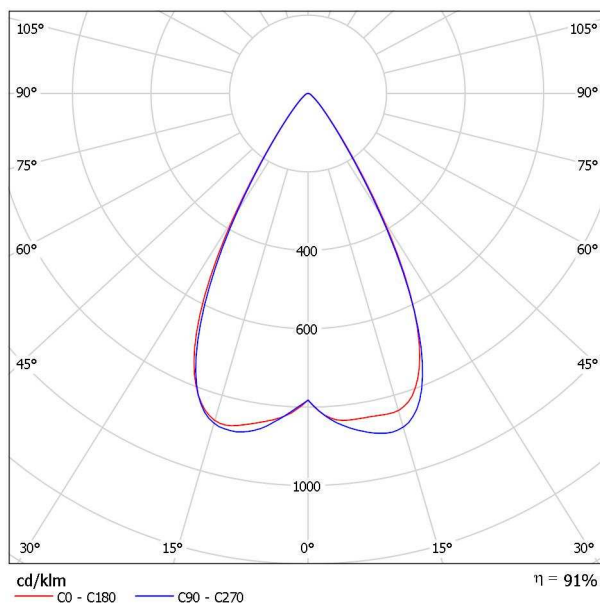
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FuturoLighting HighStick HighStick, 4000K, 72CRI, 9600lm, high bay fixture / Luminaire Data Sheet

See our luminaire catalog for an image of the luminaire.

Luminous emittance 1:



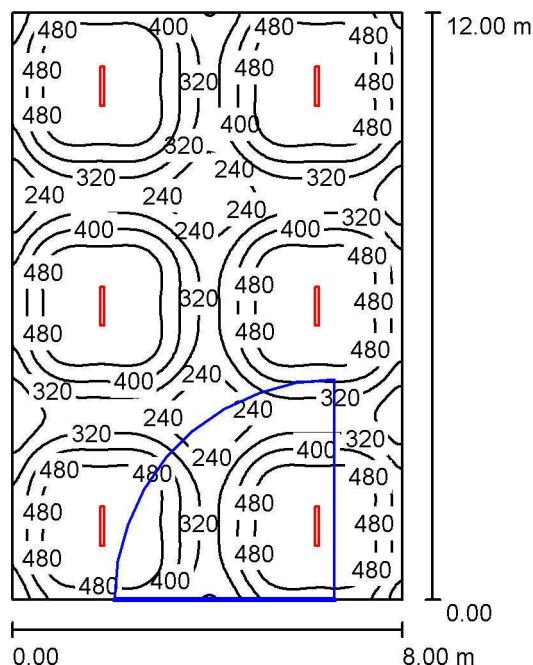
Luminaire classification according to CIE: 100
CIE flux code: 95 99 100 100 91

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

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MB Servis / Summary



Height of Room: 4.500 m, Mounting Height: 4.500 m

Values in Lux, Scale 1:155

Surface	ρ [%]	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u_0
Užívateľská úroveň	/	411	162	559	0.395
Podlaha	20	379	274	412	0.724
Strop	70	61	40	70	0.651
Walls (4)	50	112	40	241	/

Užívateľská úroveň:

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	6	FuturoLighting HighStick HighStick, 4000K, 72CRI, 9600lm, high bay fixture (1.000)	9580	10560	93.0
Total:			57480	63360	558.0

Specific connected load: $5.81 \text{ W/m}^2 = 1.42 \text{ W/m}^2/100 \text{ lx}$ (Ground area: 96.00 m^2)

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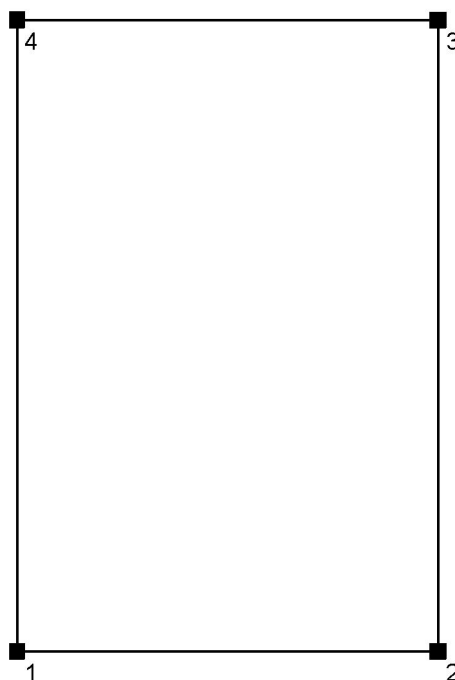
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MB Servis / Input Protocol

Poznámka: Intenzita na podlahe

Height of working plane: 0.850 m
Boundary Zone: 0.000 m

Height of Room: 4.500 m
Ground area: 96.00 m²

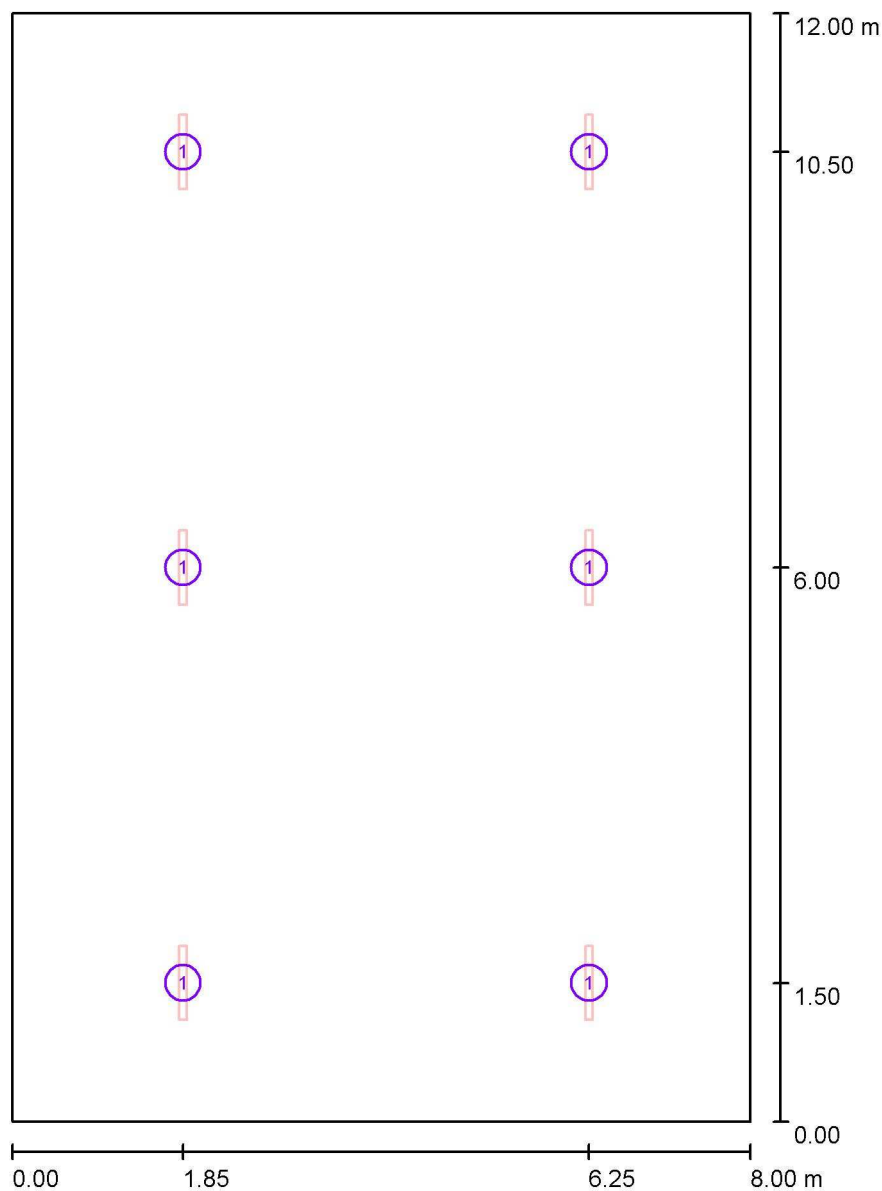


Surface	Rho [%]	from ([m] [m])	towards ([m] [m])	Length [m]
Podlaha	20	/	/	/
Strop	70	/	/	/
Stěna 1	50	(0.000 0.000)	(8.000 0.000)	8.000
Stěna 2	50	(8.000 0.000)	(8.000 12.000)	12.000
Stěna 3	50	(8.000 12.000)	(0.000 12.000)	8.000
Stěna 4	50	(0.000 12.000)	(0.000 0.000)	12.000

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MB Servis / Luminaires (layout plan)



Scale 1 : 82

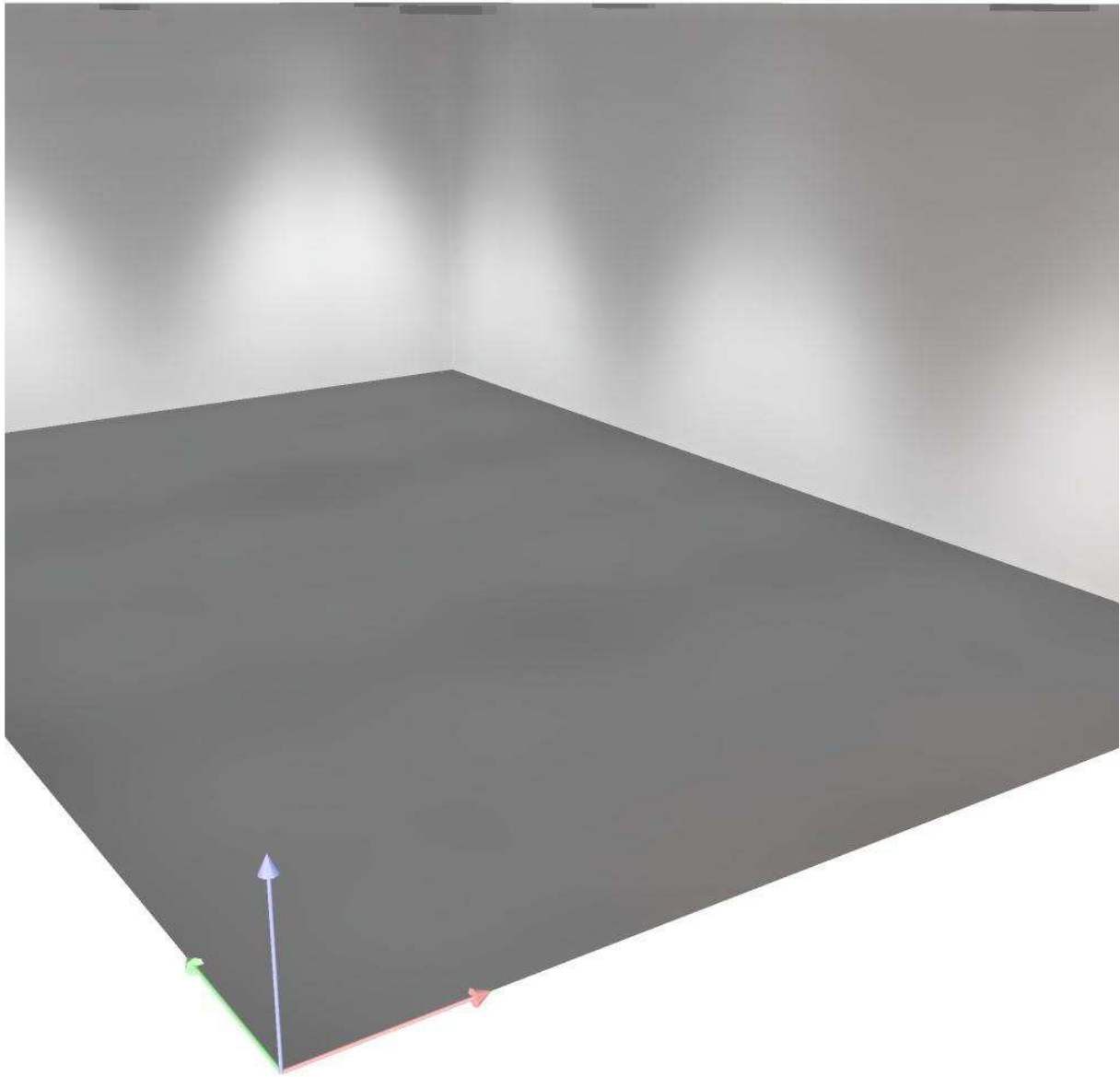
Luminaire Parts List

No.	Pieces	Designation
1	6	FuturoLighting HighStick HighStick, 4000K, 72CRI, 9600lm, high bay fixture

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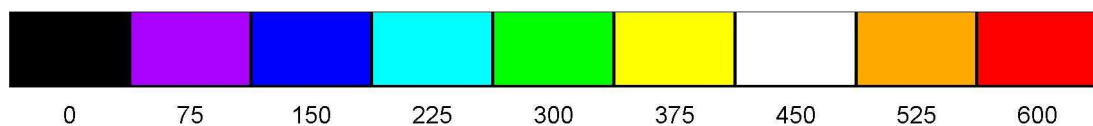
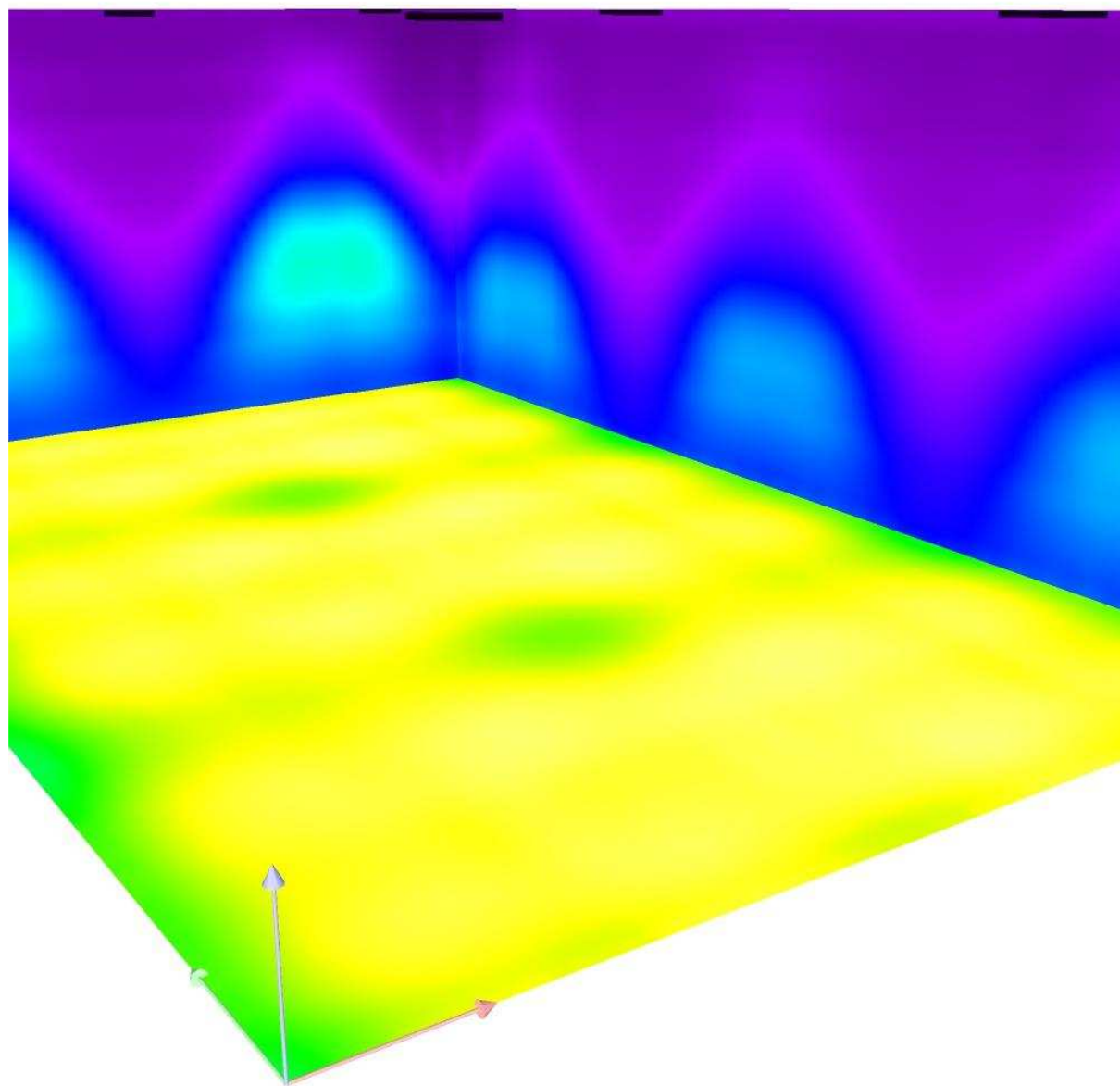
MB Servis / 3D Rendering



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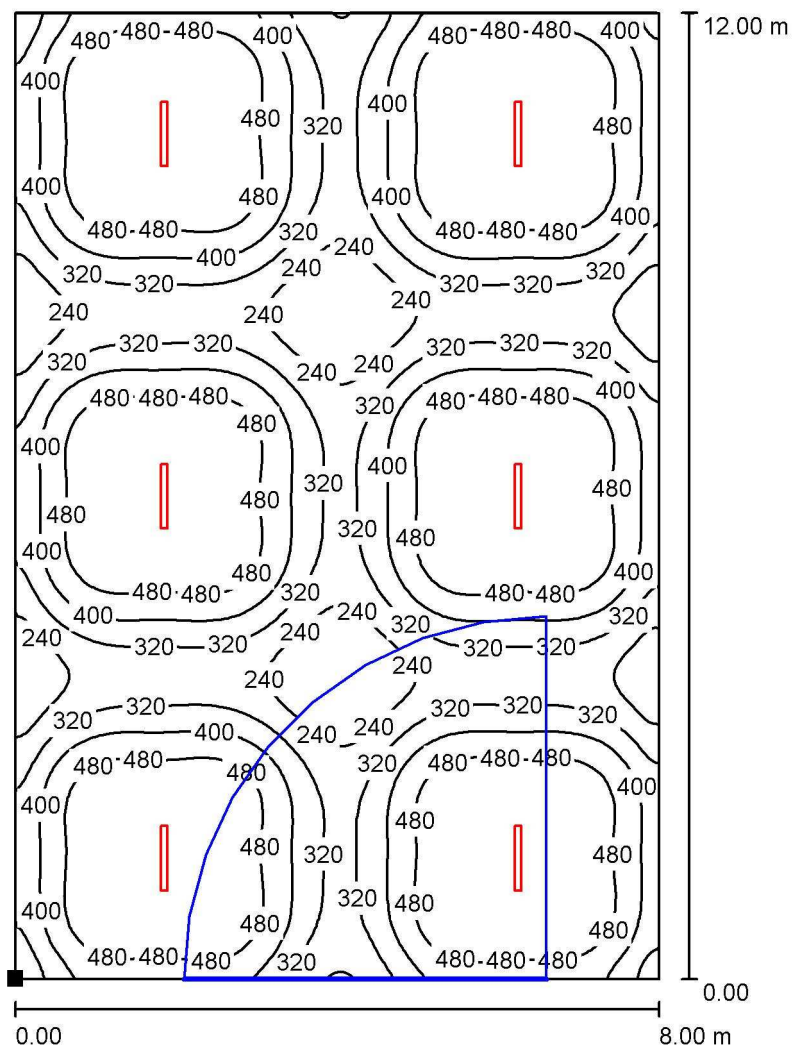
MB Servis / False Color Rendering



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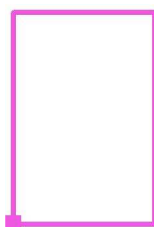
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MB Servis / Uživatelská úroveň / Isolines (E)



Values in Lux, Scale 1 : 94

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



Grid: 128 x 128 Points

E_{av} [lx]
411

E_{min} [lx]
162

E_{max} [lx]
559

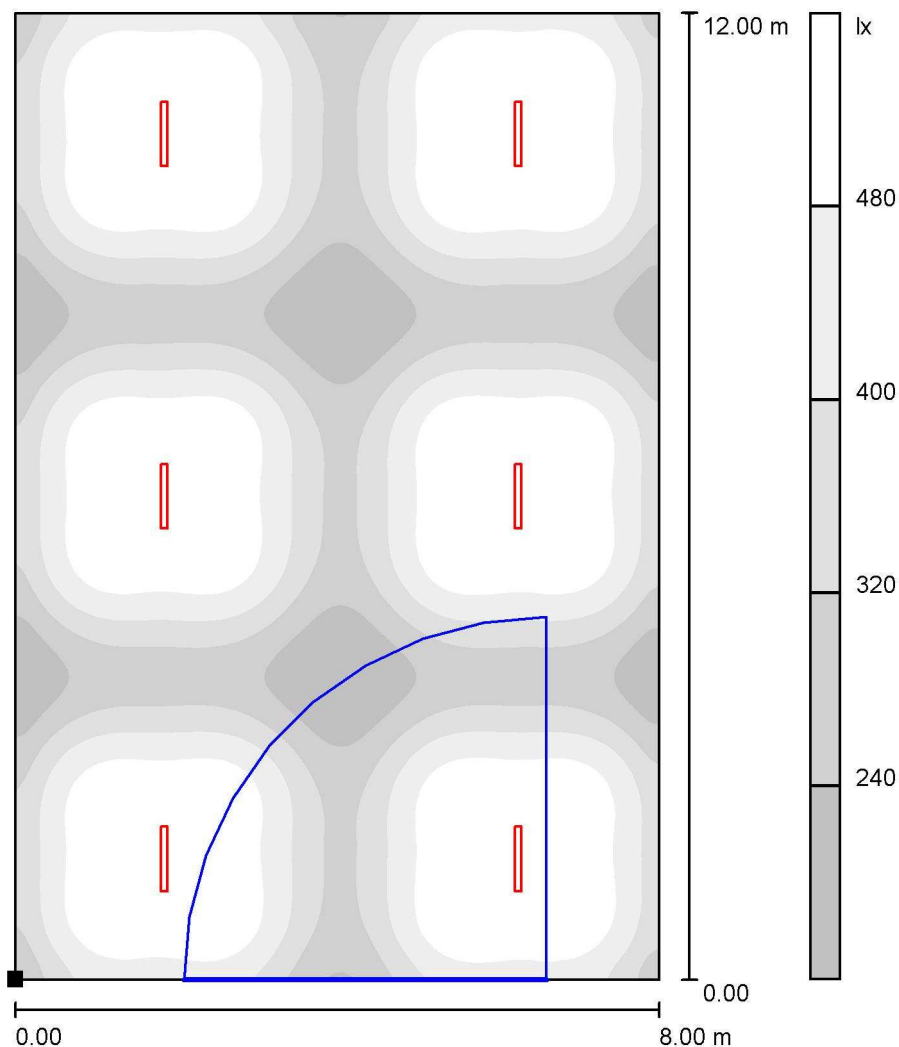
u_0
0.395

E_{min} / E_{max}
0.290

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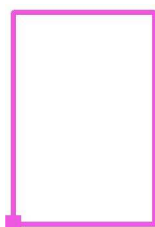
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MB Servis / Uživatelská úroveň / Greyscale (E)



Scale 1 : 94

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



Grid: 128 x 128 Points

E_{av} [lx]
411

E_{min} [lx]
162

E_{max} [lx]
559

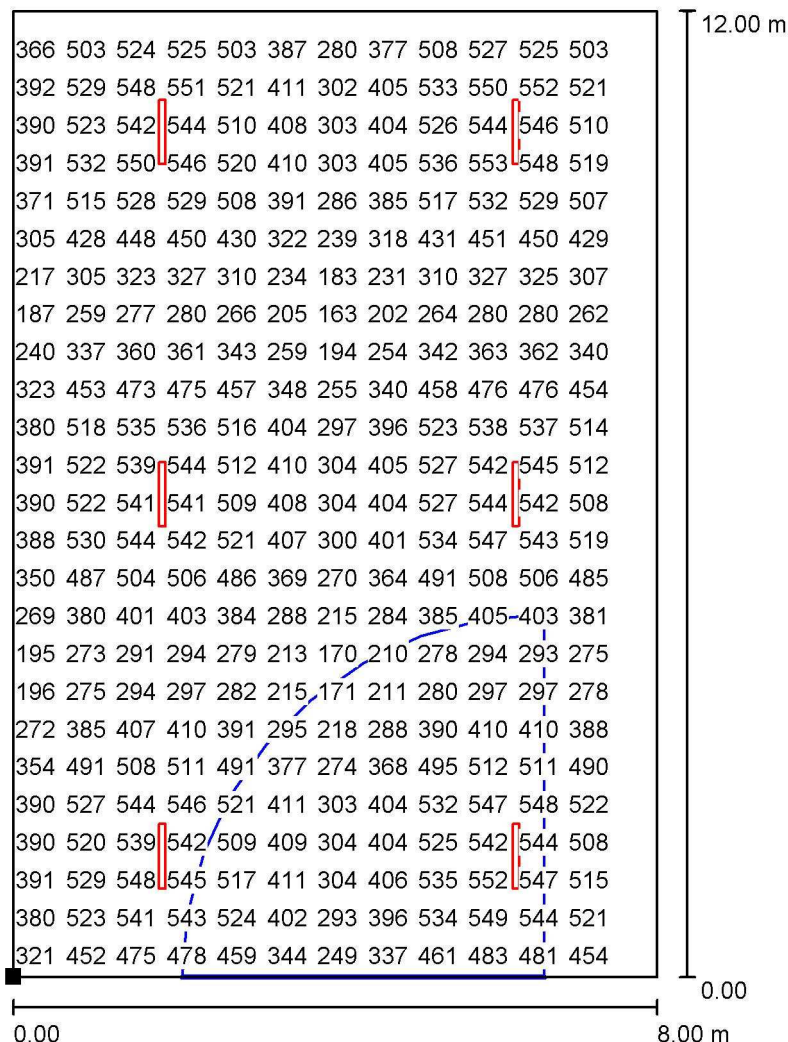
u_0
0.395

E_{min} / E_{max}
0.290

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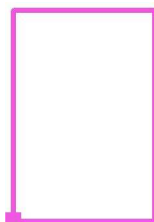
MB Servis / Uživatelská úroveň / Value Chart (E)



Values in Lux, Scale 1 : 94

Not all calculated values could be displayed.

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



Grid: 128 x 128 Points

E_{av} [lx]
411

E_{min} [lx]
162

E_{max} [lx]
559

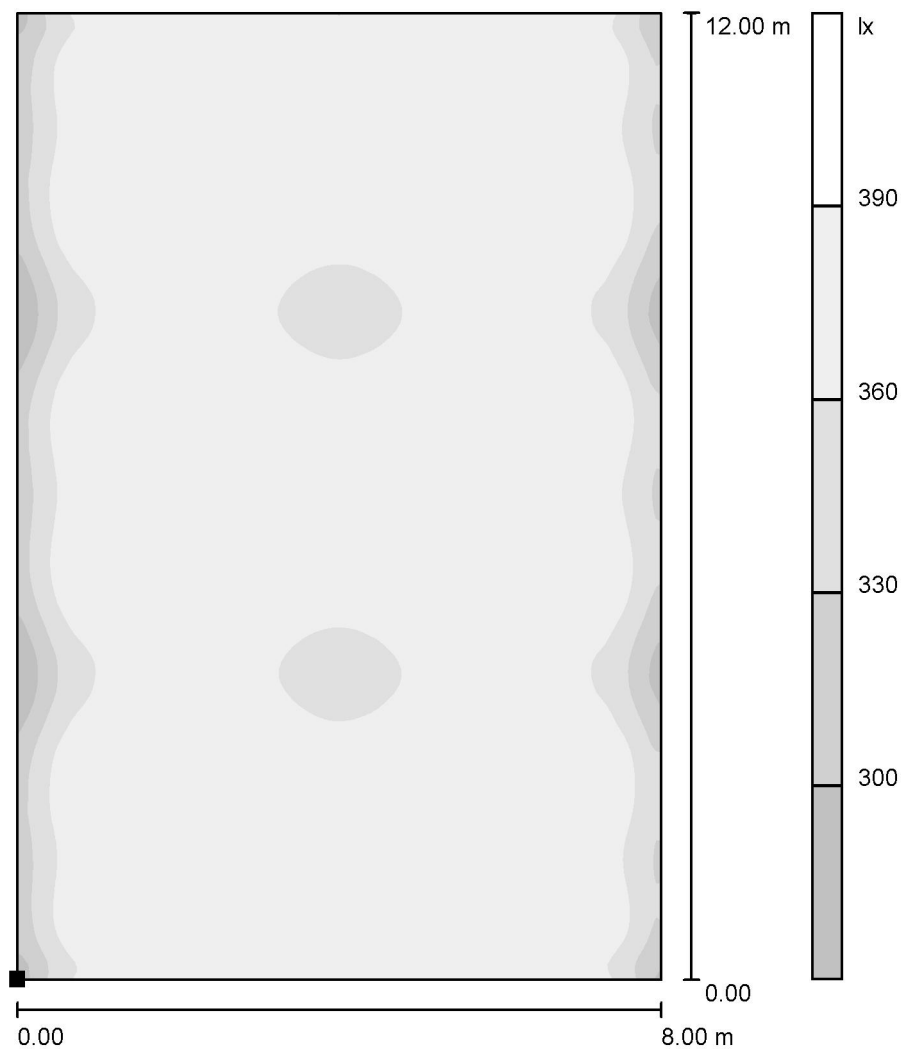
u_0
0.395

E_{min} / E_{max}
0.290

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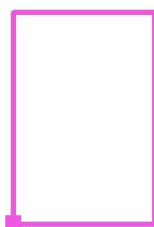
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MB Servis / Podlaha / Greyscale (E)



Scale 1 : 94

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



Grid: 128 x 128 Points

E_{av} [lx]
379

E_{min} [lx]
274

E_{max} [lx]
412

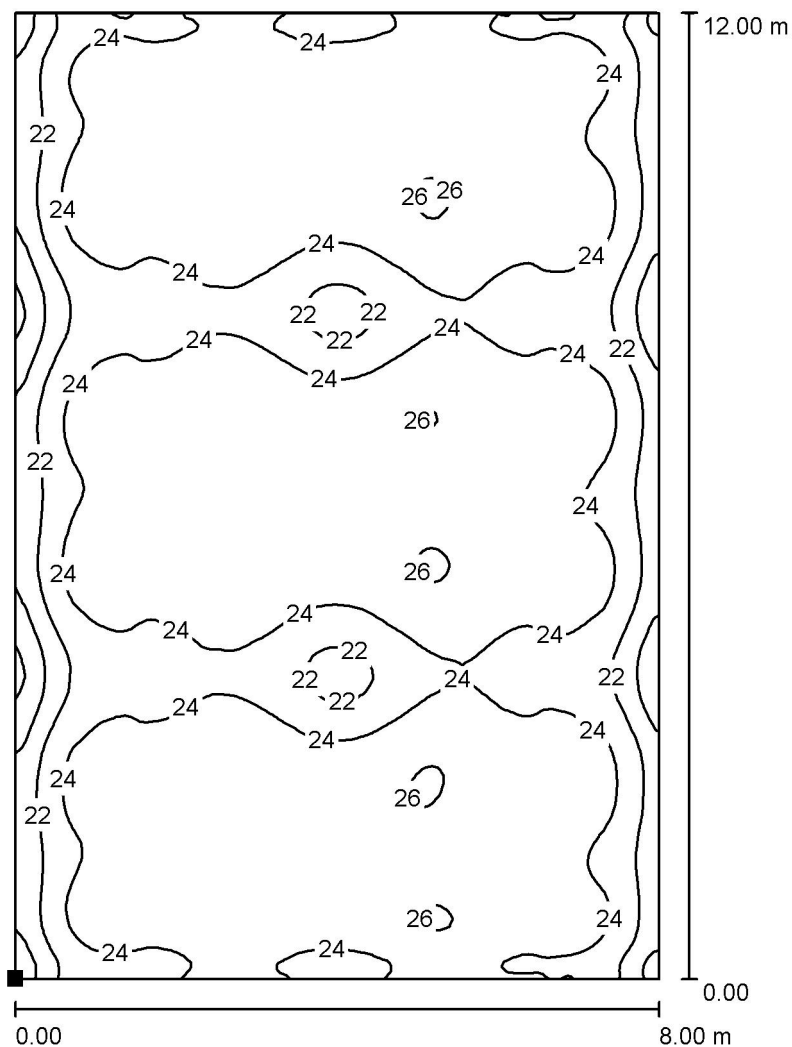
u_0
0.724

E_{min} / E_{max}
0.666

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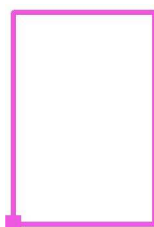
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MB Servis / Podlaha / Isolines (L)



Values in Candela/m², Scale 1 : 94

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



Grid: 128 x 128 Points

L_{av} [cd/m²]
24

L_{min} [cd/m²]
17

L_{max} [cd/m²]
26