

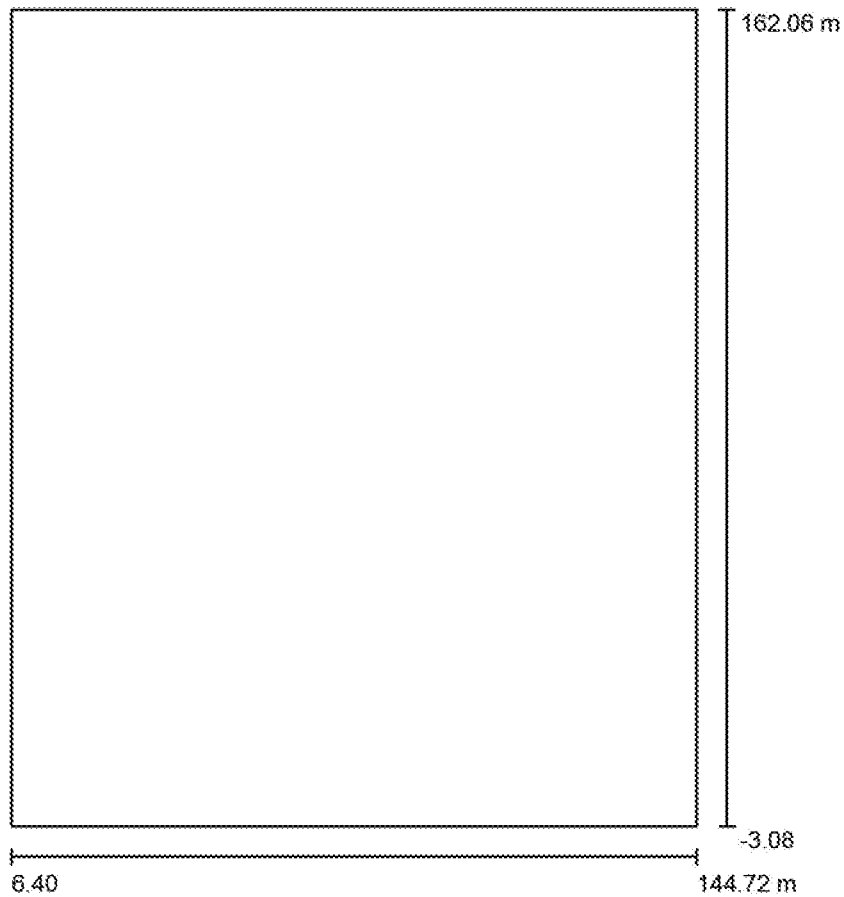
K7795r2 Audi Worthing

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Date: 21.02.2018
Operator: Glenn Castle

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Operator Glenn Castle

Exterior Scene 1 / Planning data

Maintenance factor: 0.85, ULR (Upward Light Ratio): 1.5%

Scale 1:1531

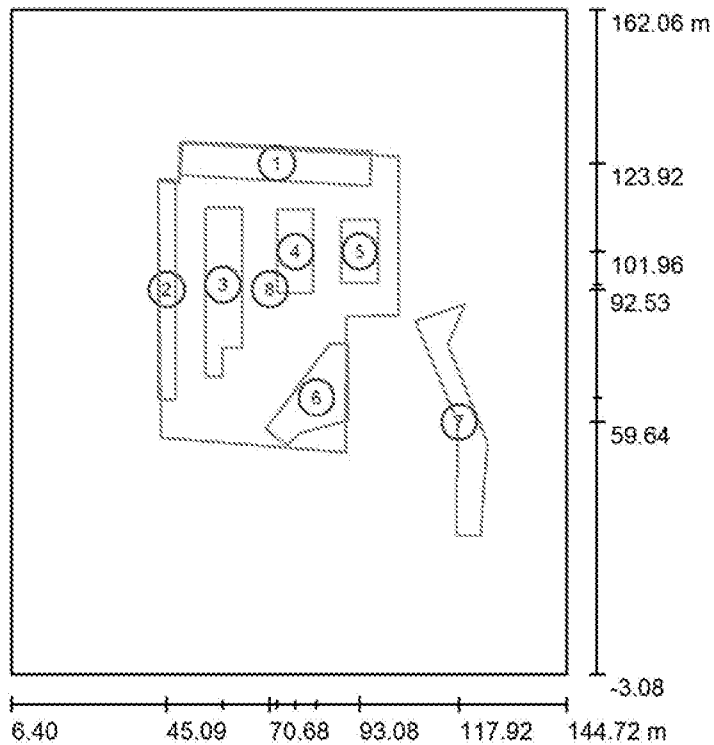
Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	I (Luminaire) [lm]	I (Lamps) [lm]	P [W]
1	18	ARTEMIDE T4183ELN00 - SEL S4 - CRI 70 SOSTITUTO LED TESTA X PALO ASIM.4000K (1.000)	11260	11261	106.0
Total:			202687	Total: 202698	1908.0

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Exterior Scene 1 / Calculation surfaces (results overview)



Scale 1 : 1880

Calculation Surface List

No.	Designation	Type	Grid	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	$u0$	E_{min} / E_{max}
1	Calculation Surface 1	perpendicular	128 x 64	35	14	97	0.386	0.142
2	Calculation Surface 2	perpendicular	32 x 128	39	17	89	0.435	0.188
3	Calculation Surface 3	perpendicular	64 x 128	31	8.47	95	0.274	0.089
4	Calculation Surface 4	perpendicular	64 x 128	32	10	93	0.323	0.111
5	Calculation Surface 5	perpendicular	64 x 64	40	14	98	0.342	0.141
6	Calculation Surface 6	perpendicular	128 x 64	37	11	100	0.303	0.112
7	Calculation Surface 7	perpendicular	128 x 64	35	7.37	101	0.209	0.073
8	Calculation Surface 8	perpendicular	128 x 128	30	3.20	98	0.107	0.033

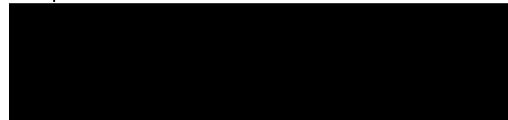
Summary of Results

Type	Quantity	Average [lx]	Min [lx]	Max [lx]	$u0$	E_{min} / E_{max}
perpendicular	8	32	3.20	101	0.10	0.03

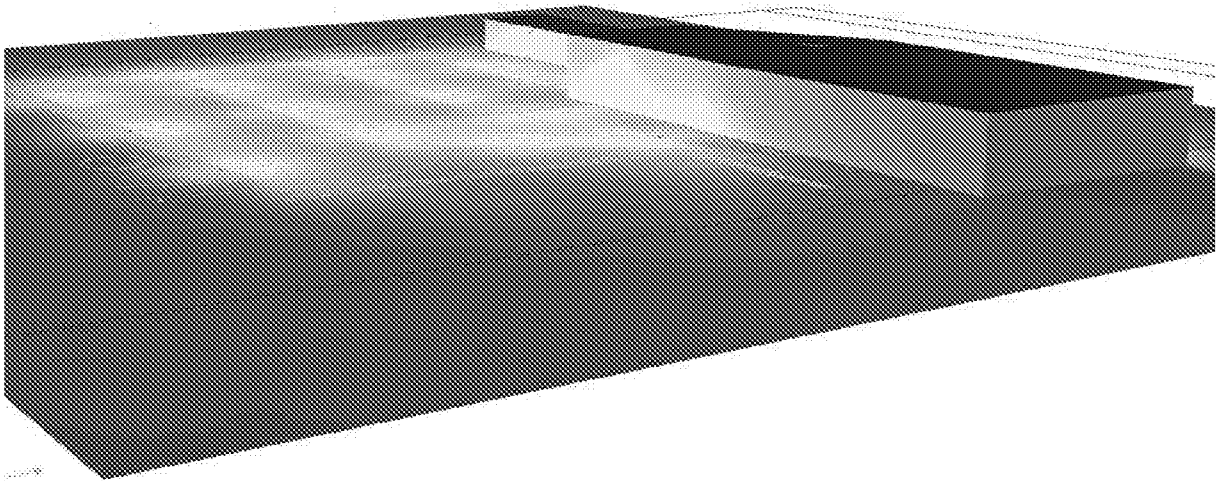


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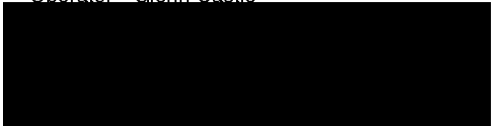
Exterior Scene 1 / 3D Rendering



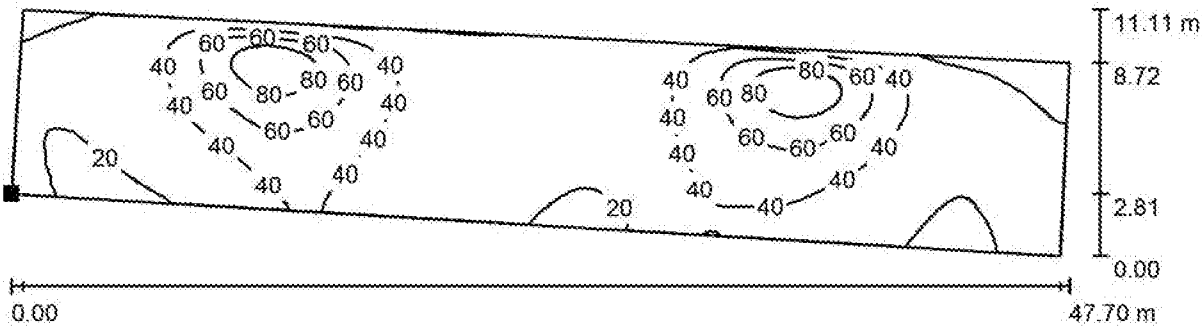


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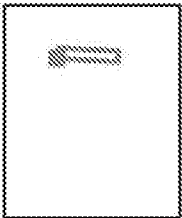


Exterior Scene 1 / Calculation Surface 1 / Isolines (E, Perpendicular)



Values in Lux, Scale 1 : 341

Position of surface in external scene:
Marked point:
(48.349 m, 121.081 m, 0.000 m)



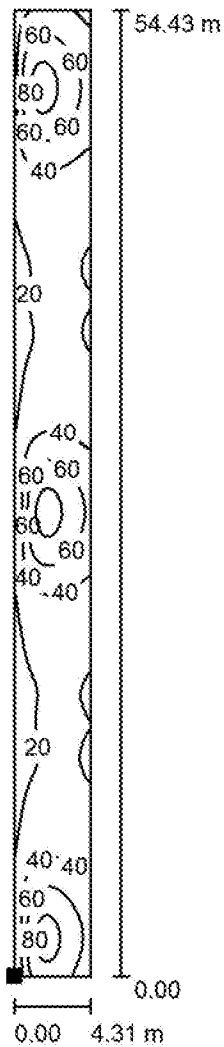
Grid: 128 x 64 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	$u0$	E_{min} / E_{max}
35	14	97	0.386	0.142

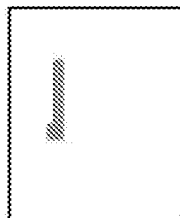
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Exterior Scene 1 / Calculation Surface 2 / Isolines (E, Perpendicular)



Position of surface in external scene:
Marked point:
(42.937 m, 65.313 m, 0.000 m)



Values in Lux, Scale 1 : 426

Grid: 32 x 128 Points

E_{av} [lx]
39

E_{min} [lx]
17

E_{max} [lx]
89

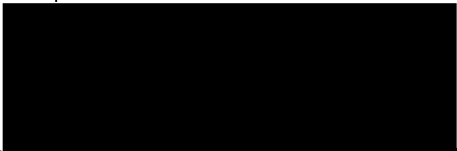
u_0
0.435

E_{min} / E_{max}
0.188

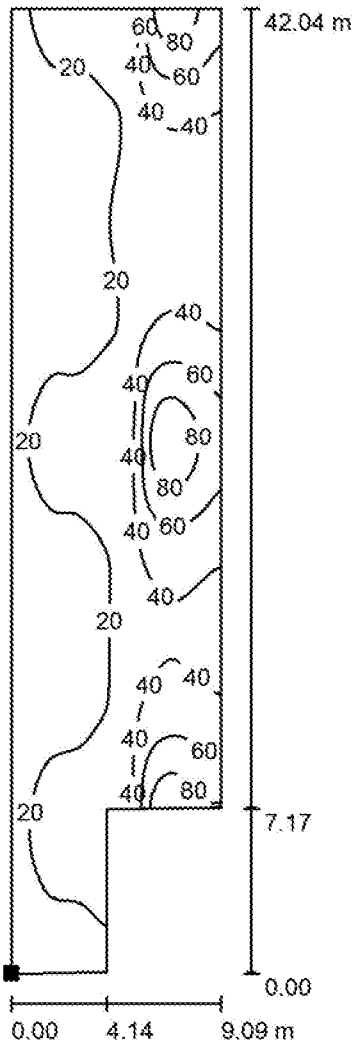


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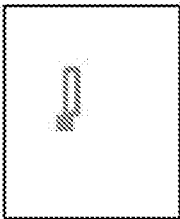


Exterior Scene 1 / Calculation Surface 3 / Iso-lines (E, Perpendicular)



Values in Lux, Scale 1 : 329

Position of surface in external scene:
Marked point:
(54.696 m, 70.928 m, 0.000 m)



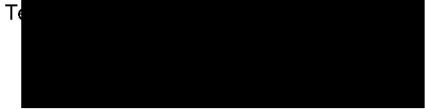
Grid: 64 x 128 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	$u0$	E_{min} / E_{max}
31	8.47	95	0.274	0.089

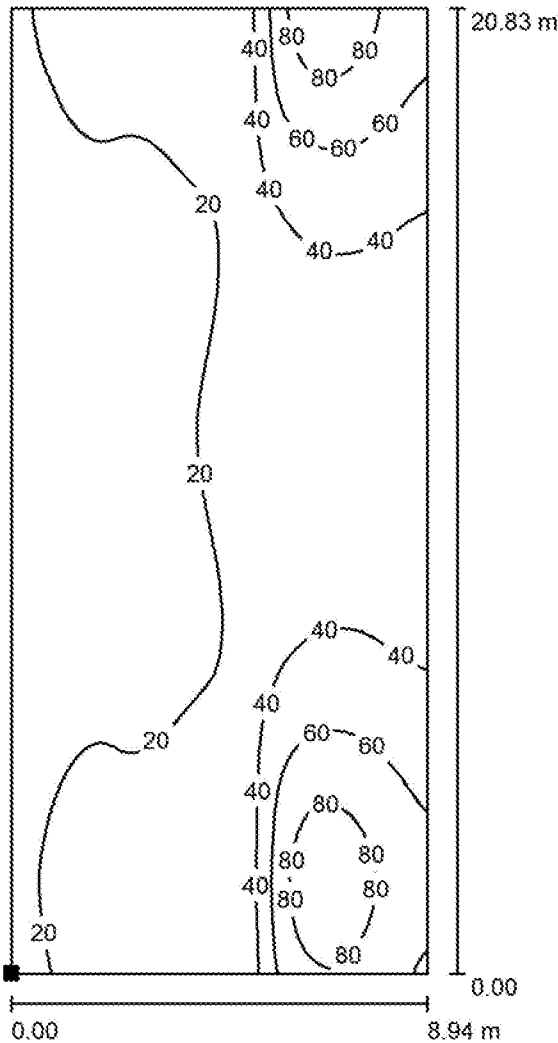


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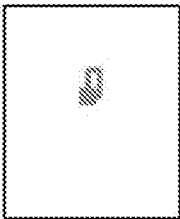


Exterior Scene 1 / Calculation Surface 4 / Isolines (E, Perpendicular)



Values in Lux, Scale 1 : 163

Position of surface in external scene:
Marked point:
(72.575 m, 91.541 m, 0.000 m)



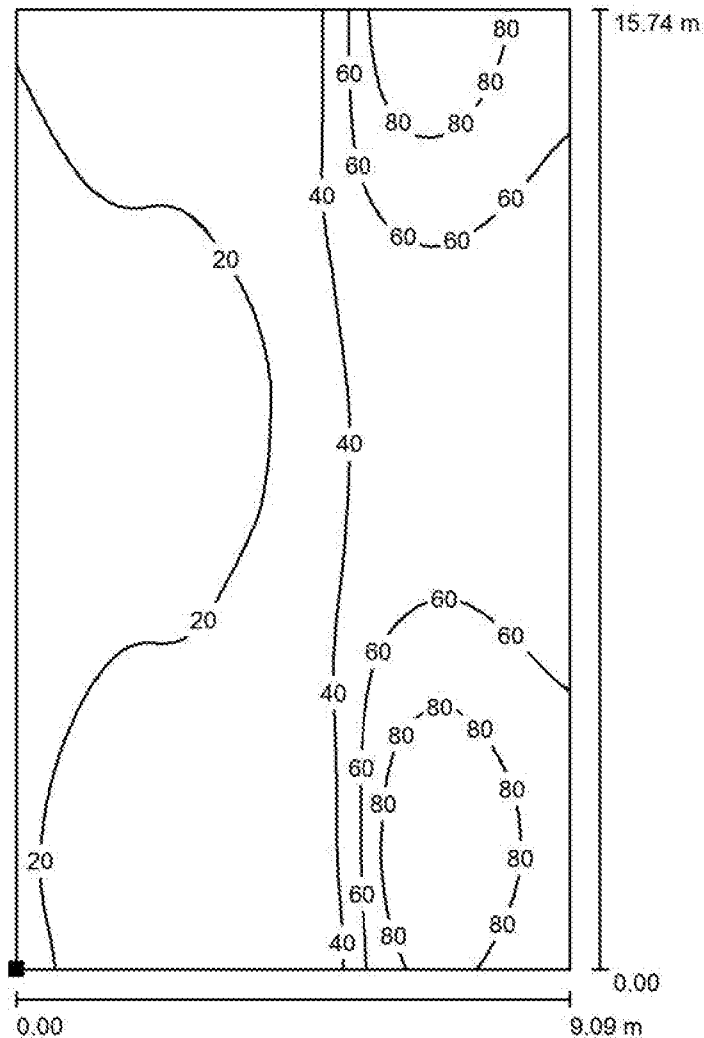
Grid: 64 x 128 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	$u0$	E_{min} / E_{max}
32	10	93	0.323	0.111

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Exterior Scene 1 / Calculation Surface 5 / Isolines (E, Perpendicular)

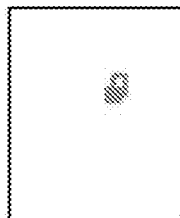


Values in Lux, Scale 1 : 124

Position of surface in external scene:

Marked point:

(88.533 m, 94.200 m, 0.000 m)



Grid: 64 x 64 Points

 E_{av} [lx]
40

 E_{min} [lx]
14

 E_{max} [lx]
98

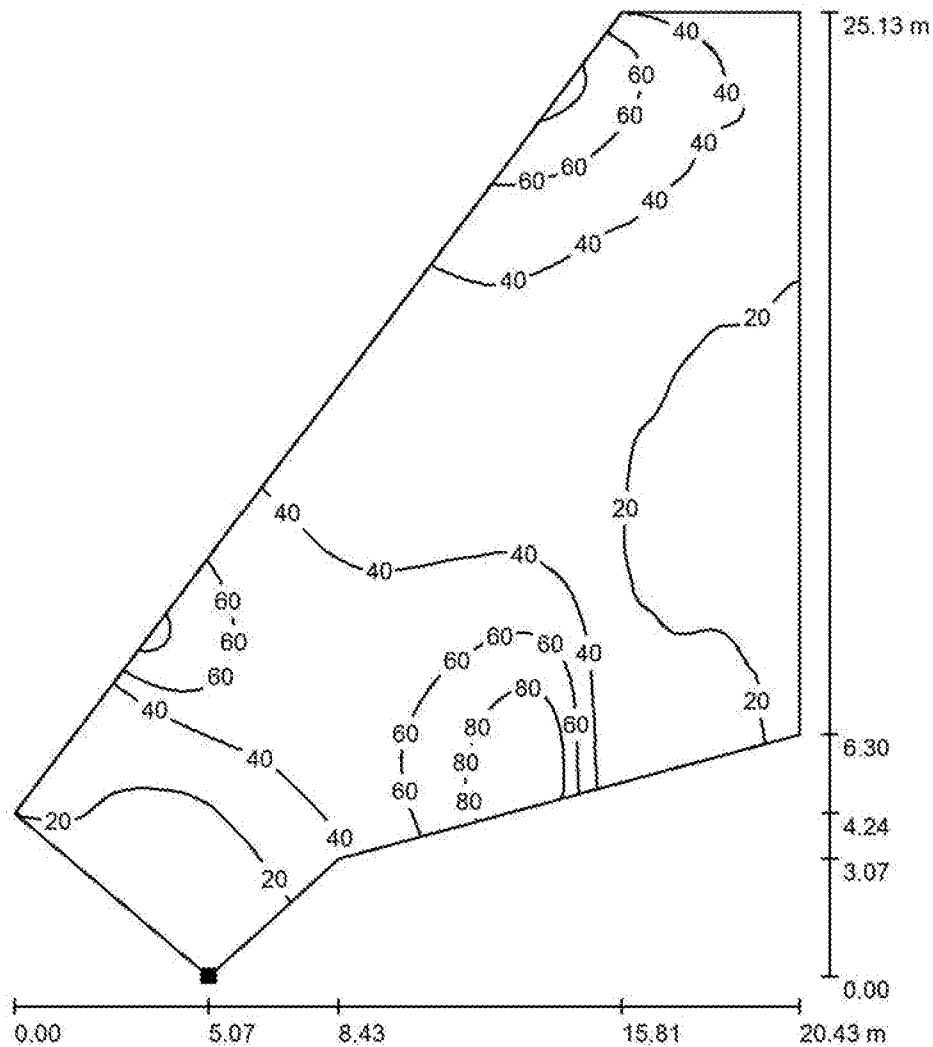
 u_0
0.342

 E_{min} / E_{max}
0.141

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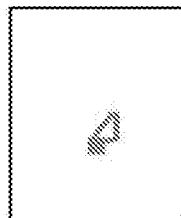
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Exterior Scene 1 / Calculation (Continued from previous page)



Values in Lux, Scale 1 : 197

Position of surface in external scene:
Marked point:
(74.755 m, 53.805 m, 0.000 m)



Grid: 128 x 64 Points

$$E_{av} [lx]$$

37

$$E_{\min} [I_X]$$
$$E_{\max} [lx]$$

$$100$$

u0
0.303

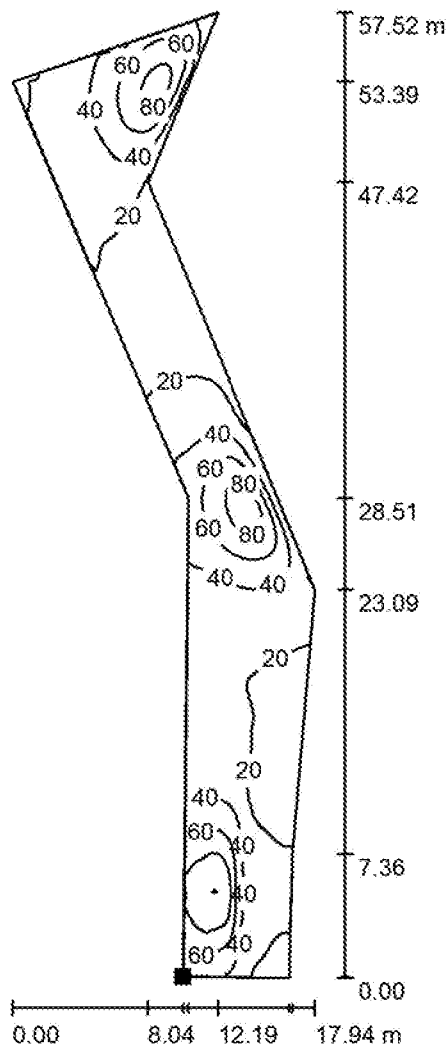
$$E_{\min} / E_{\max}$$

0.112

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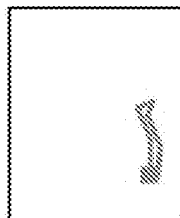
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Exterior Scene 1 / Calculation Surface 7 / Isolines (E, Perpendicular)



Values in Lux, Scale 1 : 450

Position of surface in external scene:
Marked point:
(117.116 m, 31.437 m, 0.000 m)



Grid: 128 x 64 Points

 E_{av} [lx]
35

 E_{min} [lx]
7.37

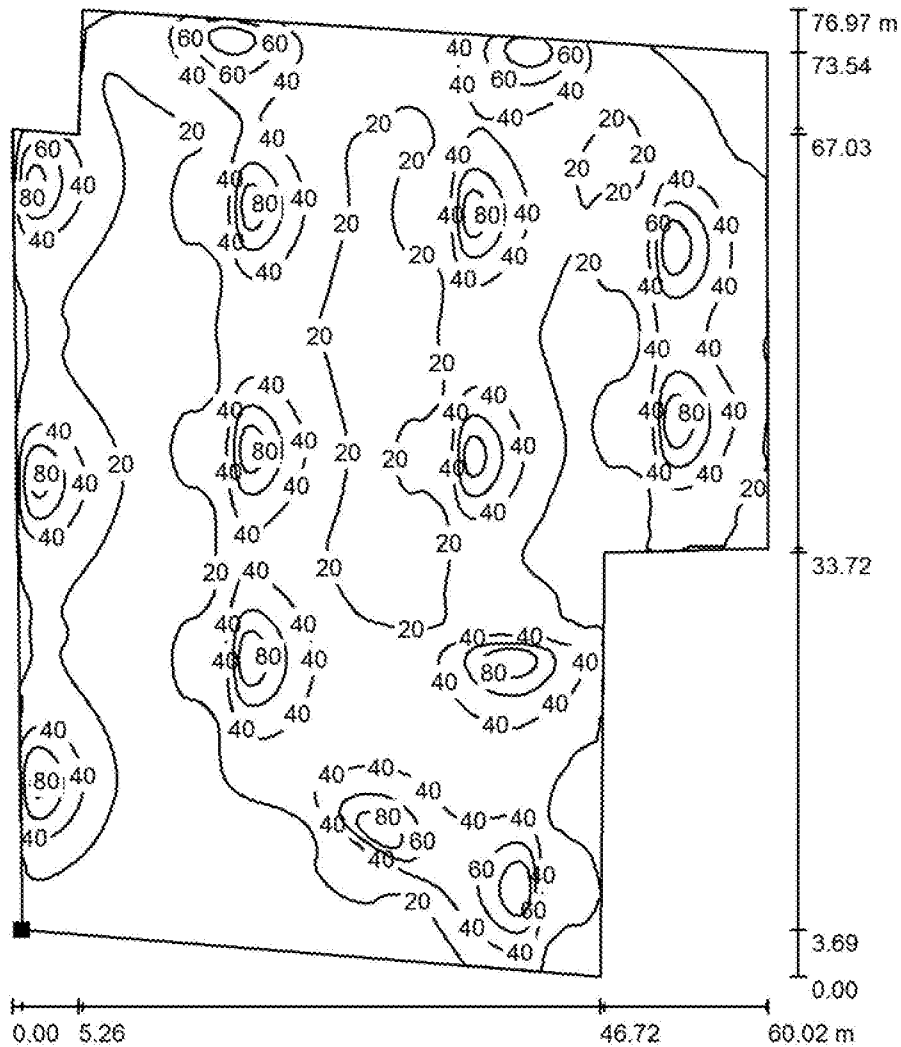
 E_{max} [lx]
101

 u_0
0.209

 E_{min} / E_{max}
0.073

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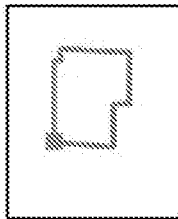
Exterior Scene 1 / Calculation Surface 8 / Isolines (E, Perpendicular)

Values in Lux, Scale 1 : 602

Position of surface in external scene:

Marked point:

(43.534 m, 55.779 m, 0.000 m)



Grid: 128 x 128 Points

 E_{av} [lx]
30

 E_{min} [lx]
3.20

 E_{max} [lx]
98

 u_0
0.107

 E_{min} / E_{max}
0.033