

29875

YVR Vancouver

Ewo proposal 4:

2 Highmast - each Highmast composed of:

3 x F32_MC
DP32 L/R 5700K
3 x 555W @ 500mA (1.66kW)
Tilt 4° ; LPH 26.5m

Total power 3.33kW

Calculation File: 29875_04p.pdf

Date: 12.11.2013
Operator: Lukas Dusini

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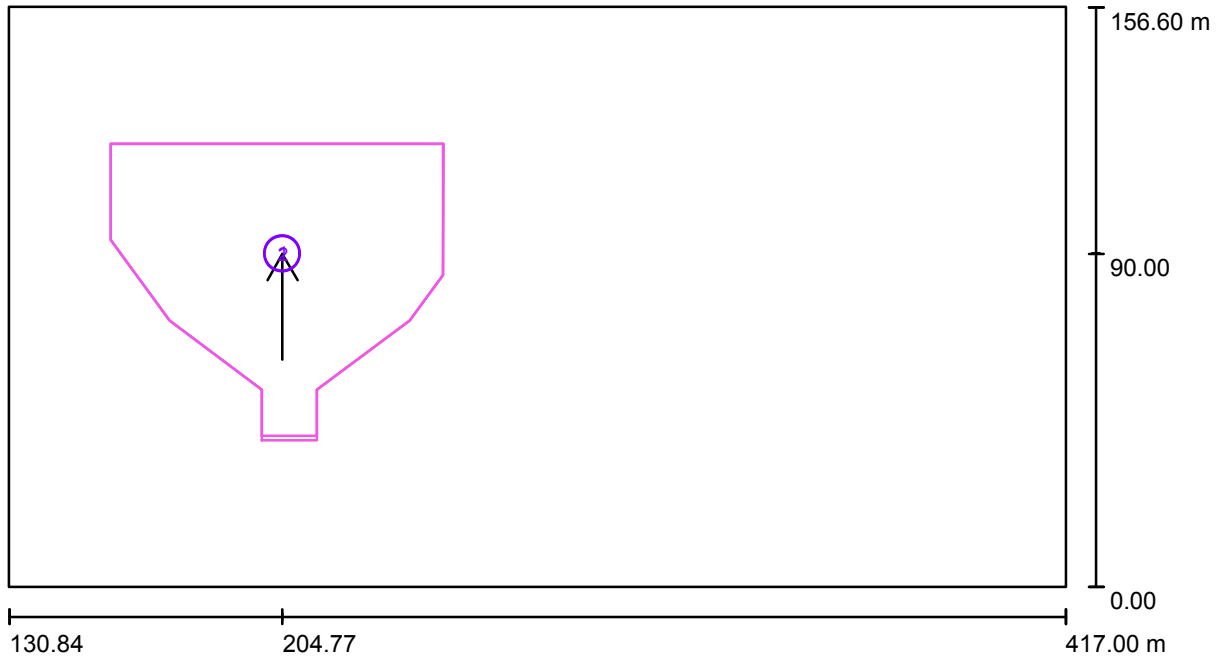
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Exterior Scene 1 / Calculation surfaces (results overview)



Scale 1 : 2046

Calculation Surface List

No.	Designation	Type	Grid	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
1	Vertical Calculation Surface	vertical, 270.0°	128 x 128	46	2.31	74	0.050	0.031
2	Perpendicular Calculation Surface	perpendicular	40 x 45	30	7.64	47	0.252	0.161

Summary of Results

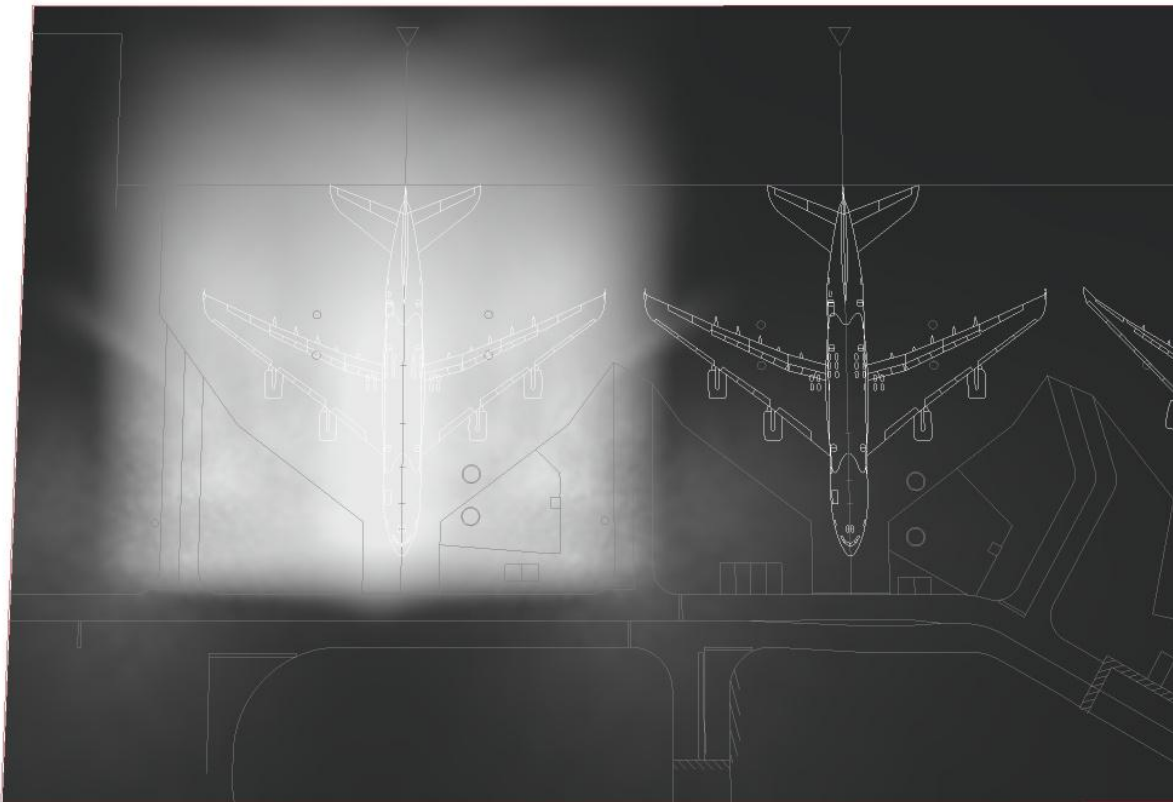
Type	Quantity	Average [lx]	Min [lx]	Max [lx]	u0	E_{min} / E_{max}
perpendicular	1	30	7.64	47	0.25	0.16
vertical	1	46	2.31	74	0.05	0.03

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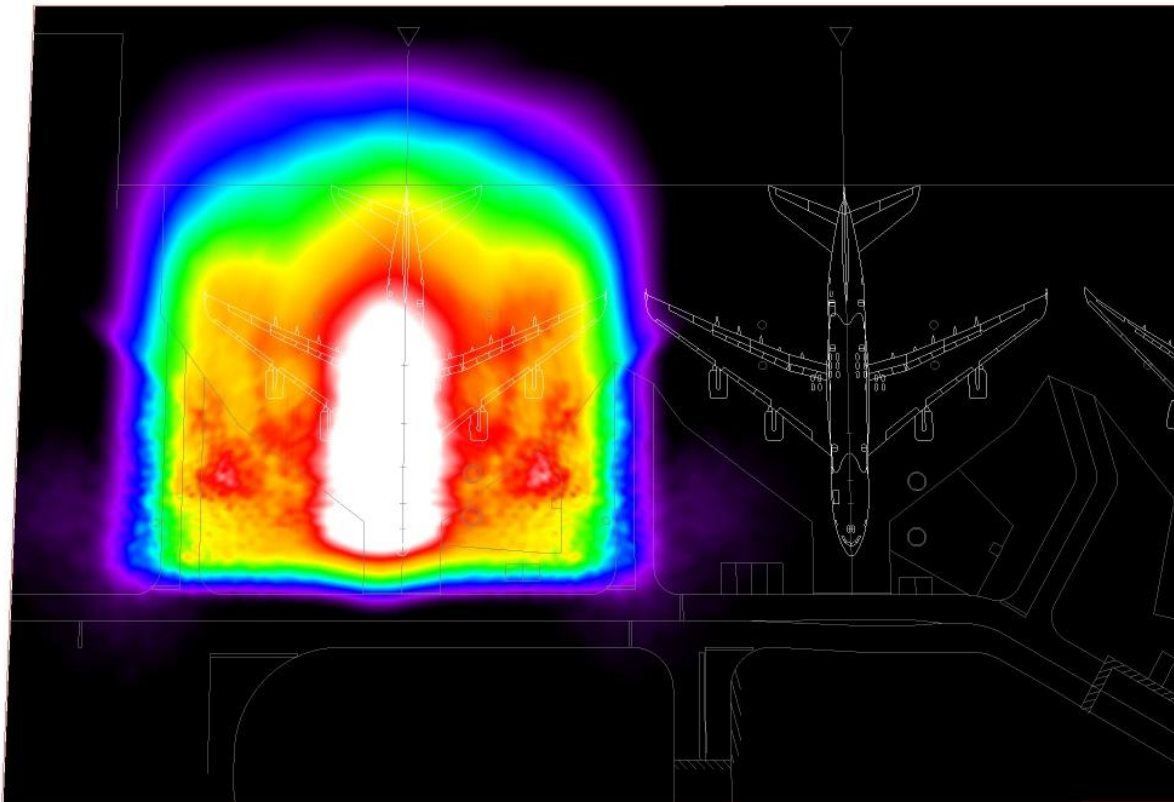
Exterior Scene 1 / 3D Rendering



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Exterior Scene 1 / False Colour Rendering

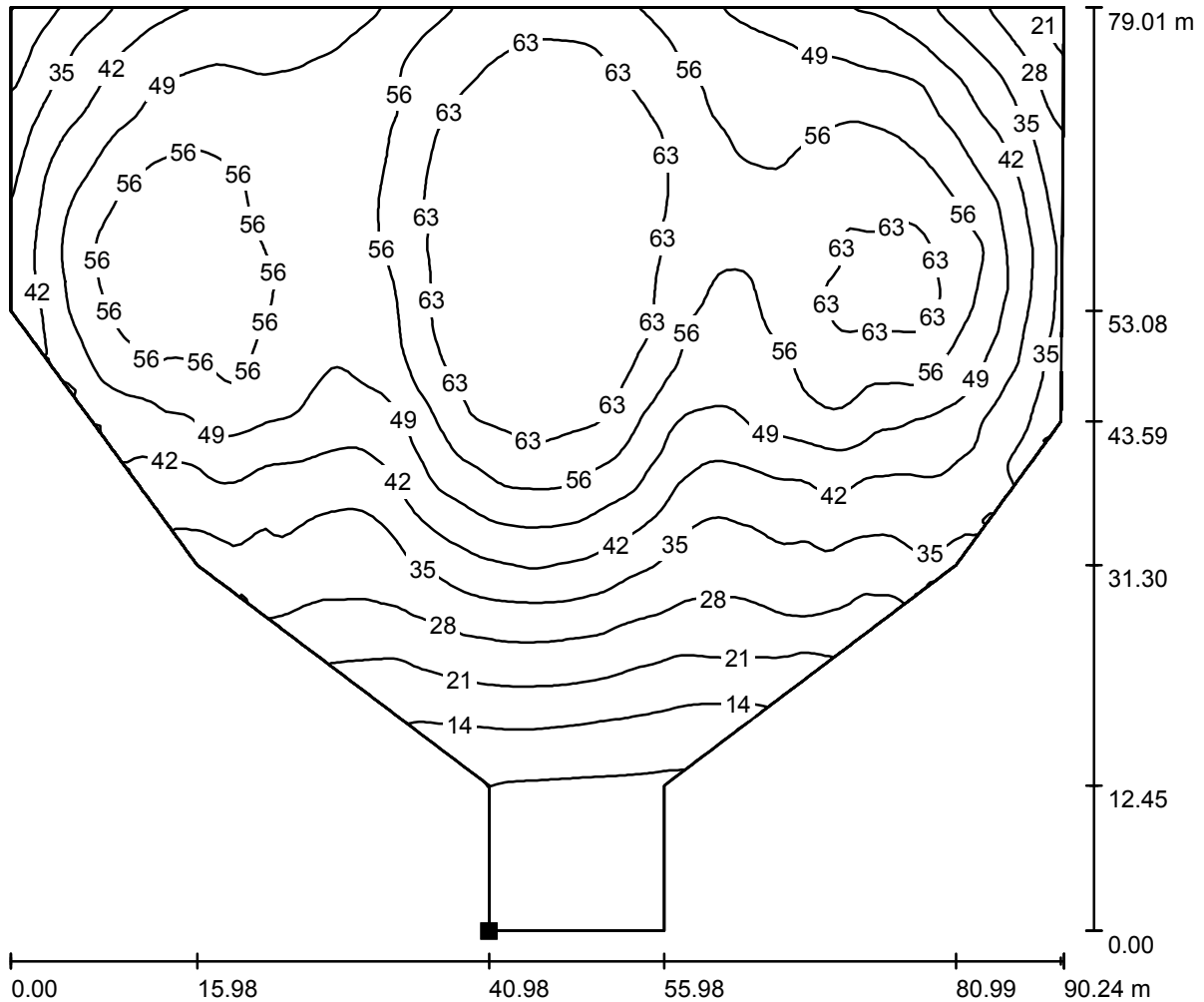


1 5.88 10.75 15.63 20.50 25.38 30.25 35.13 40 lx

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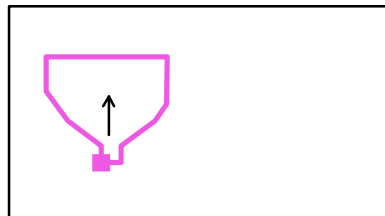
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Exterior Scene 1 / Vertical Calculation Surface / Isolines (E, Vertical)



Values in Lux, Scale 1 : 646

Position of surface in external scene:
 Marked point:
 (199.180 m, 40.776 m, 2.000 m)



Grid: 128 x 128 Points

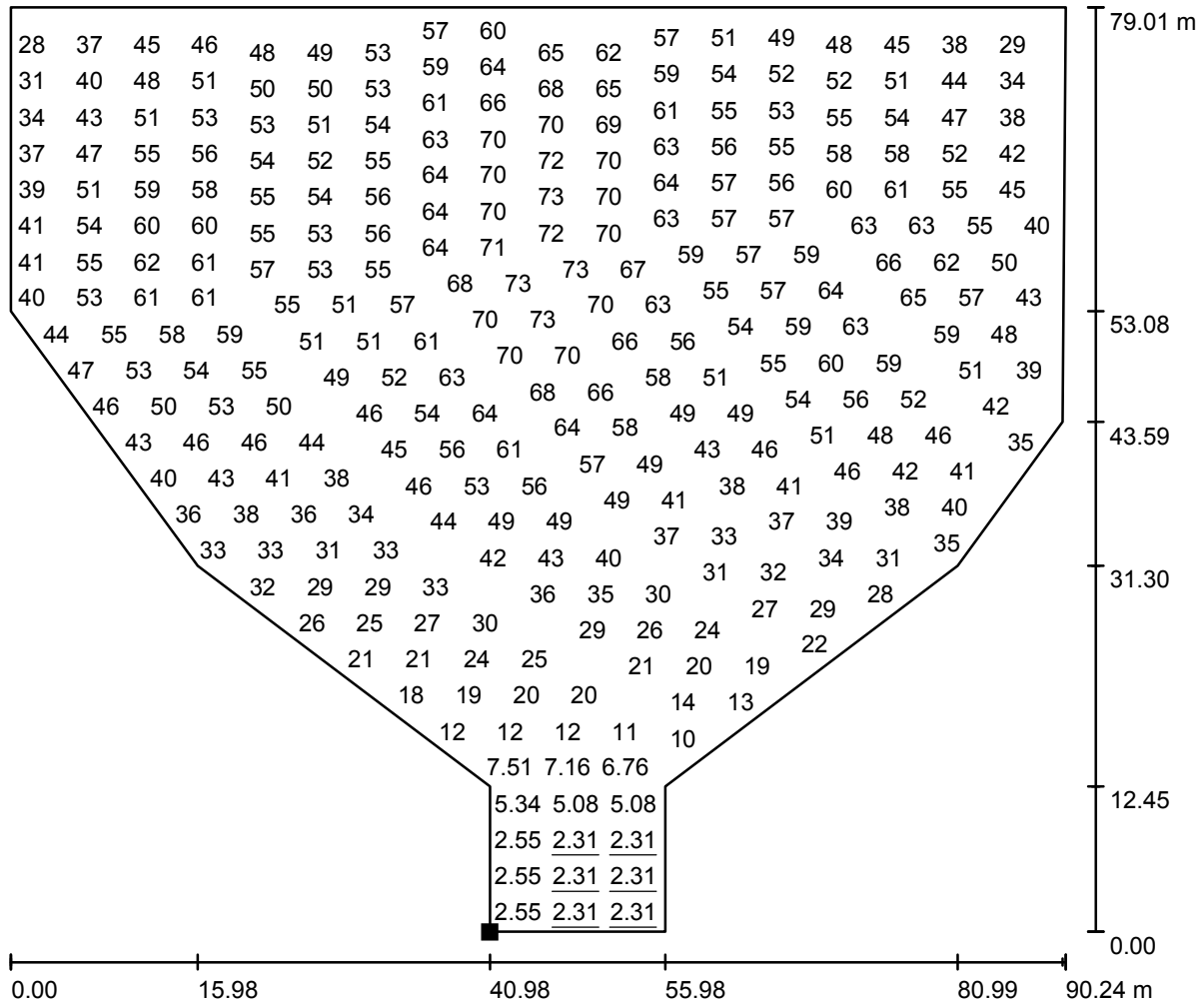
E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u_0	E_{min} / E_{max}
46	2.31	74	0.050	0.031

Rotation: 270.0°

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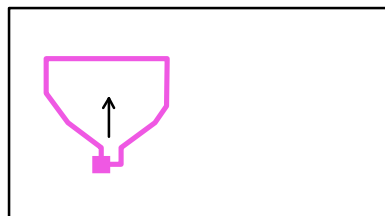
Exterior Scene 1 / Veritical Calculation Surface / Value Chart (E, Vertical)



Values in Lux, Scale 1 : 646

Not all calculated values could be displayed.

Position of surface in external scene:
 Marked point:
 (199.180 m, 40.776 m, 2.000 m)



Grid: 128 x 128 Points

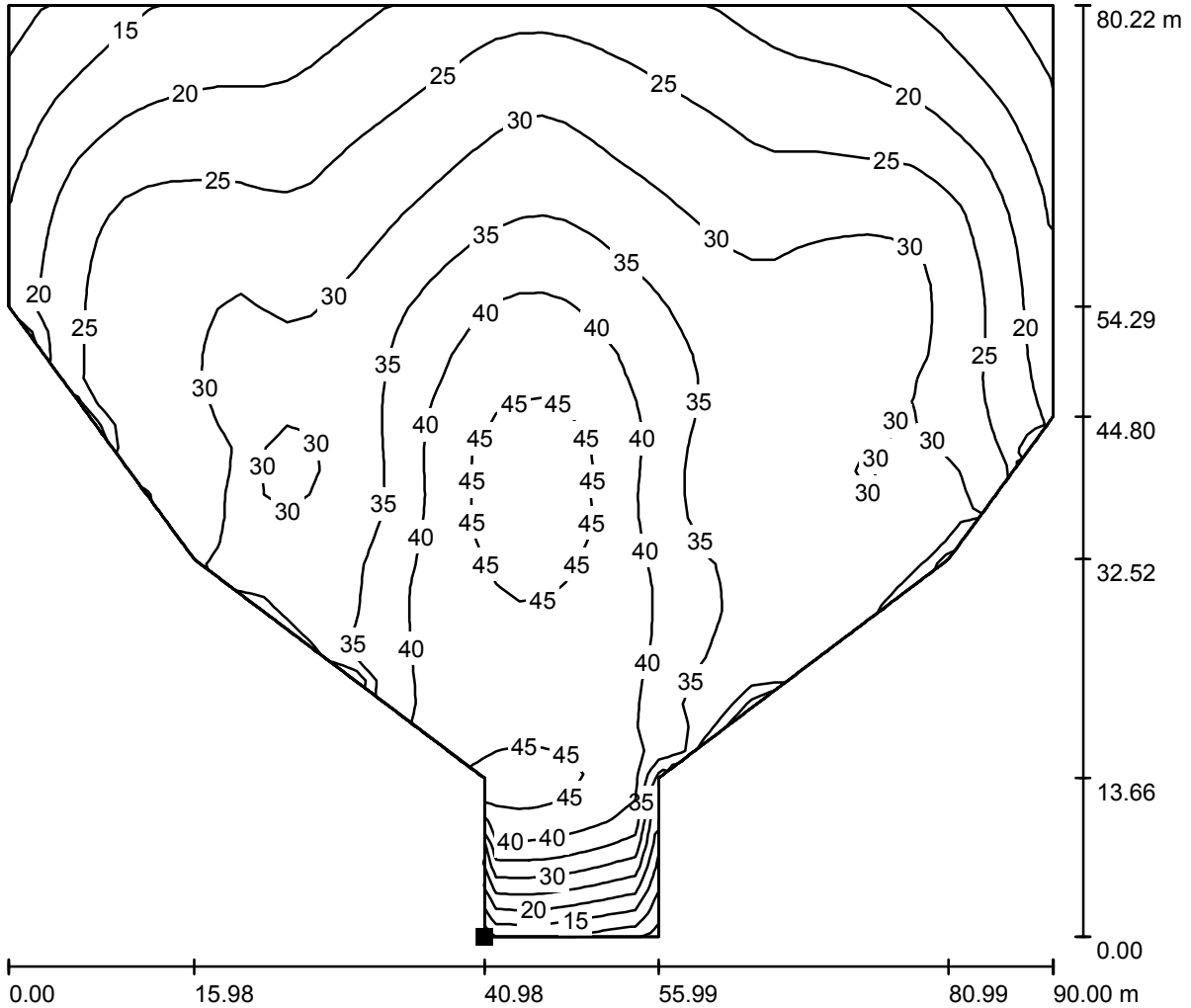
E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
46	2.31	74	0.050	0.031

Rotation: 270.0°

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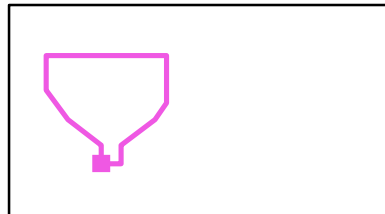
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Exterior Scene 1 / Perpendicular Calculation Surface / Isolines (E, Perpendicular)



Values in Lux, Scale 1 : 644

Position of surface in external scene:
 Marked point:
 (199.180 m, 39.561 m, 0.000 m)



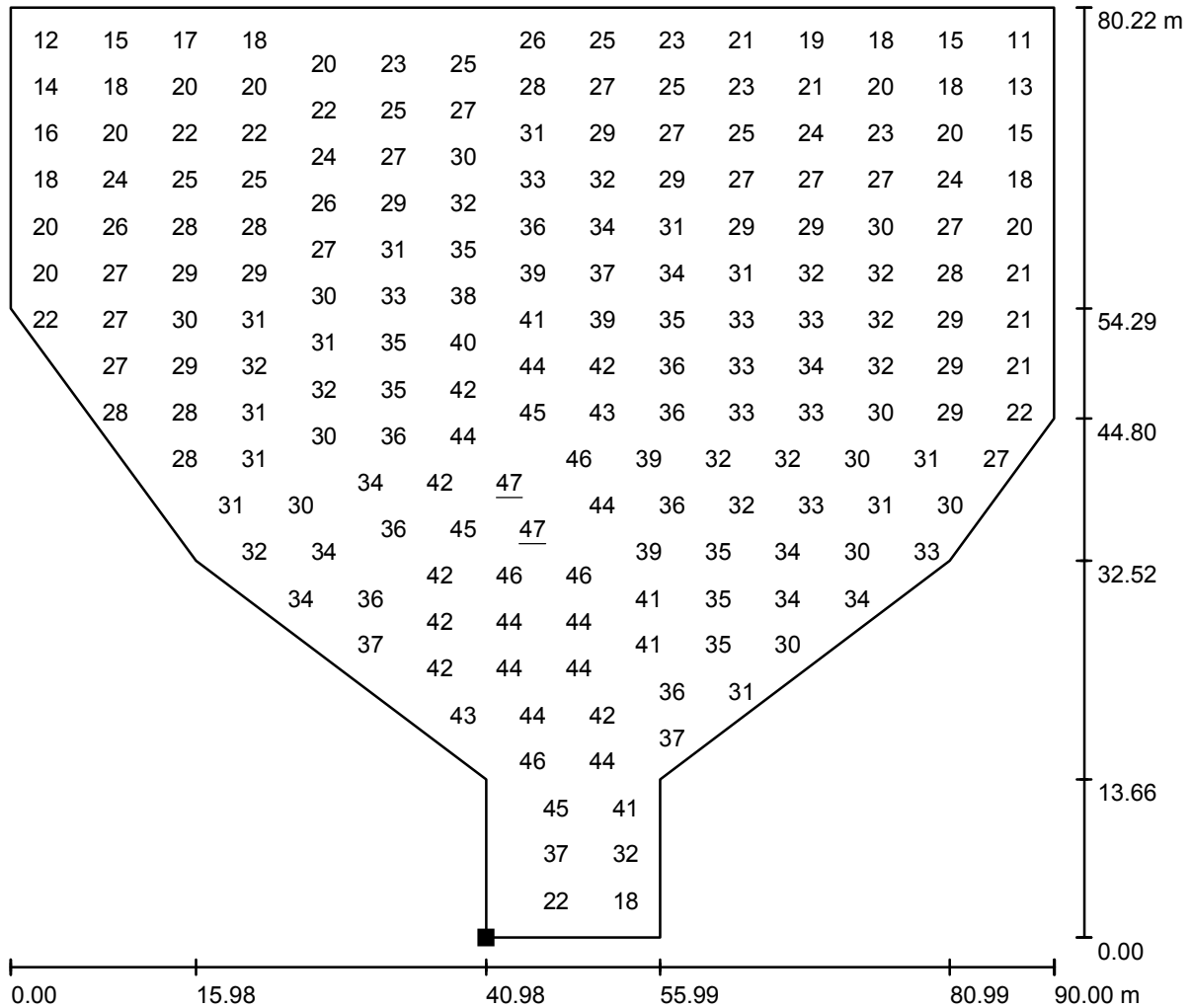
Grid: 40 x 45 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u_0	E_{min} / E_{max}
30	7.64	47	0.252	0.161

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Exterior Scene 1 / Perpendicular Calculation Surface / Value Chart (E, Perpendicular)

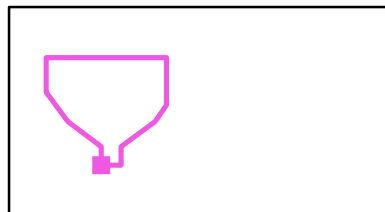


Values in Lux, Scale 1 : 644

Not all calculated values could be displayed.

Position of surface in external scene:

Marked point:
 (199.180 m, 39.561 m, 0.000 m)



Grid: 40 x 45 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u_0	E_{min} / E_{max}
30	7.64	47	0.252	0.161