

ЦДГ № 2 „Зорница”

Основен ремонт и въвеждане на мерки за енергийна ефективност за сградата на ЦДГ № 2 „Зорница”,
УПИ II3326-детска градина, кв. 7801, гр. Стара Загора

Partner for Contact:

Order No.:

Company:

Customer No.:

Date: 07.01.2017

Operator: Любомир Георгиев



TORI Lighting

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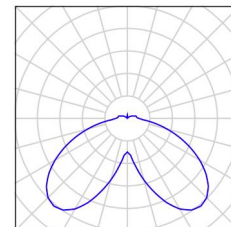
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ЦДГ № 2 „Зорница“ / Luminaire parts list

22 Pieces LIGMAN QB-20941-W30 Qba post top Luminaire
LED
Article No.: QB-20941-W30
Luminous flux (Luminaire): 2082 lm
Luminous flux (Lamps): 2082 lm
Luminaire Wattage: 41.2 W
Luminaire classification according to CIE: 93
CIE flux code: 33 70 92 93 100
Fitting: 1 x 1 LED 3000K (Correction Factor
1.000).

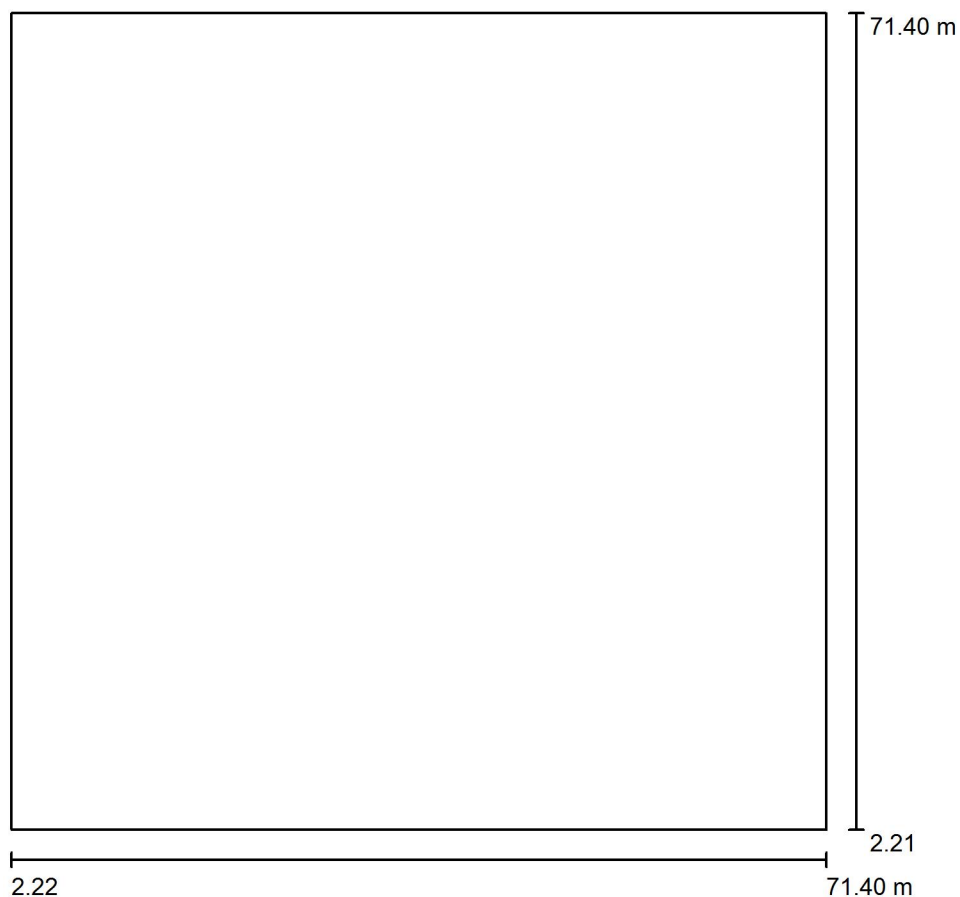
See our luminaire
catalog for an image of
the luminaire.



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Exterior Scene 1 / Planning data



Maintenance factor: 0.80, ULR (Upward Light Ratio): 6.0%

Scale 1:642

Luminaire Parts List

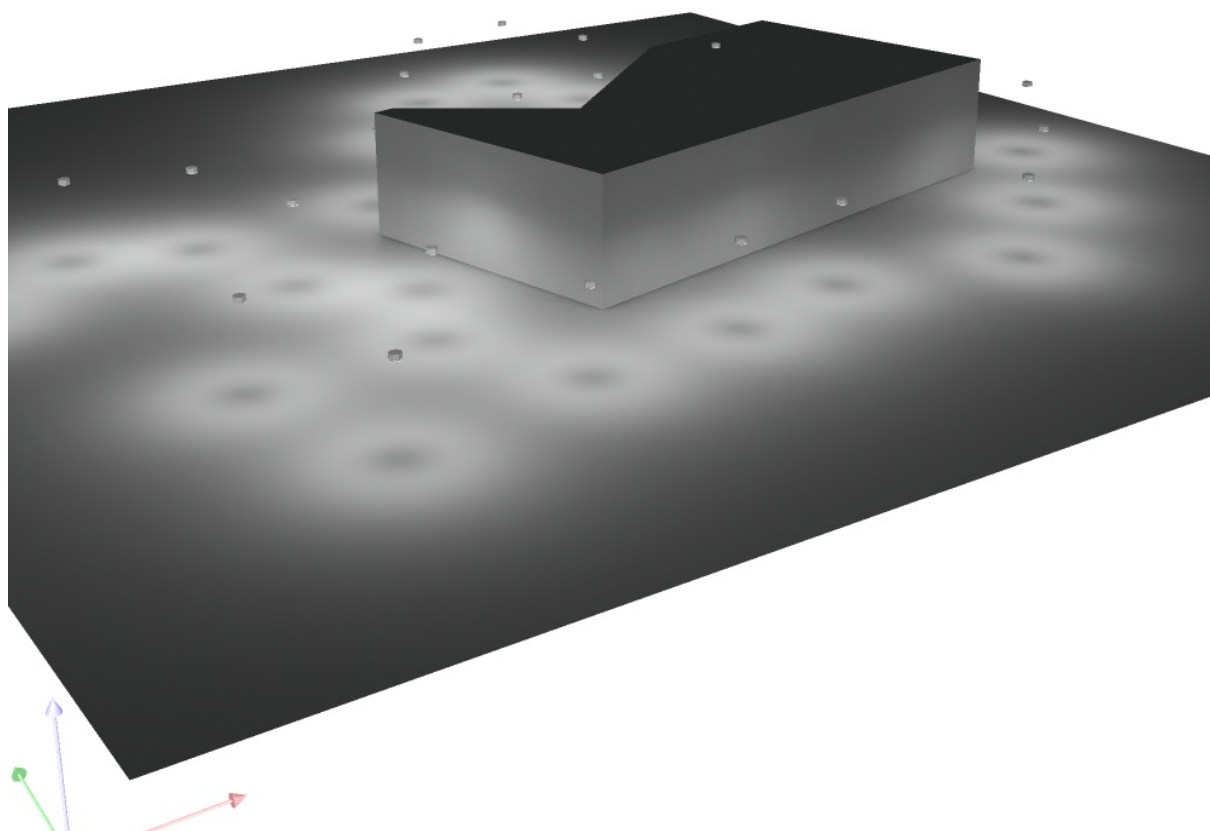
No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
1	22	LIGMAN QB-20941-W30 Qba post top Luminaire LED (1.000)	2082	2082	41.2
Total:			45808	45808	906.4



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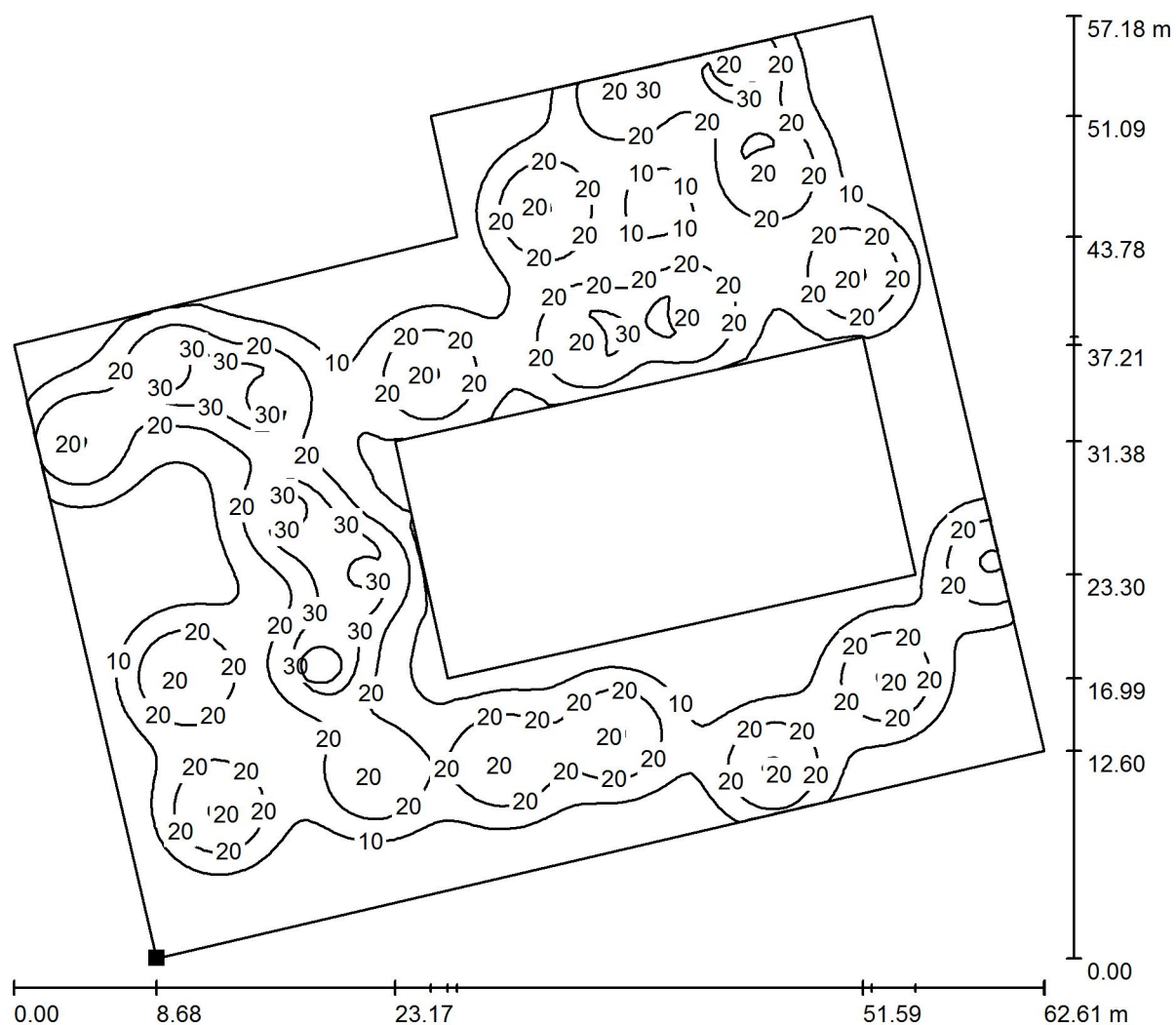
Exterior Scene 1 / 3D Rendering



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

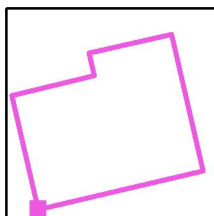


Values in Lux, Scale 1 : 448

Position of surface in external scene:

Marked point:

(12.693 m, 5.756 m, 0.750 m)



Grid: 128 x 128 Points

E_{av} [lx]
15

E_{min} [lx]
0.83

E_{max} [lx]
38

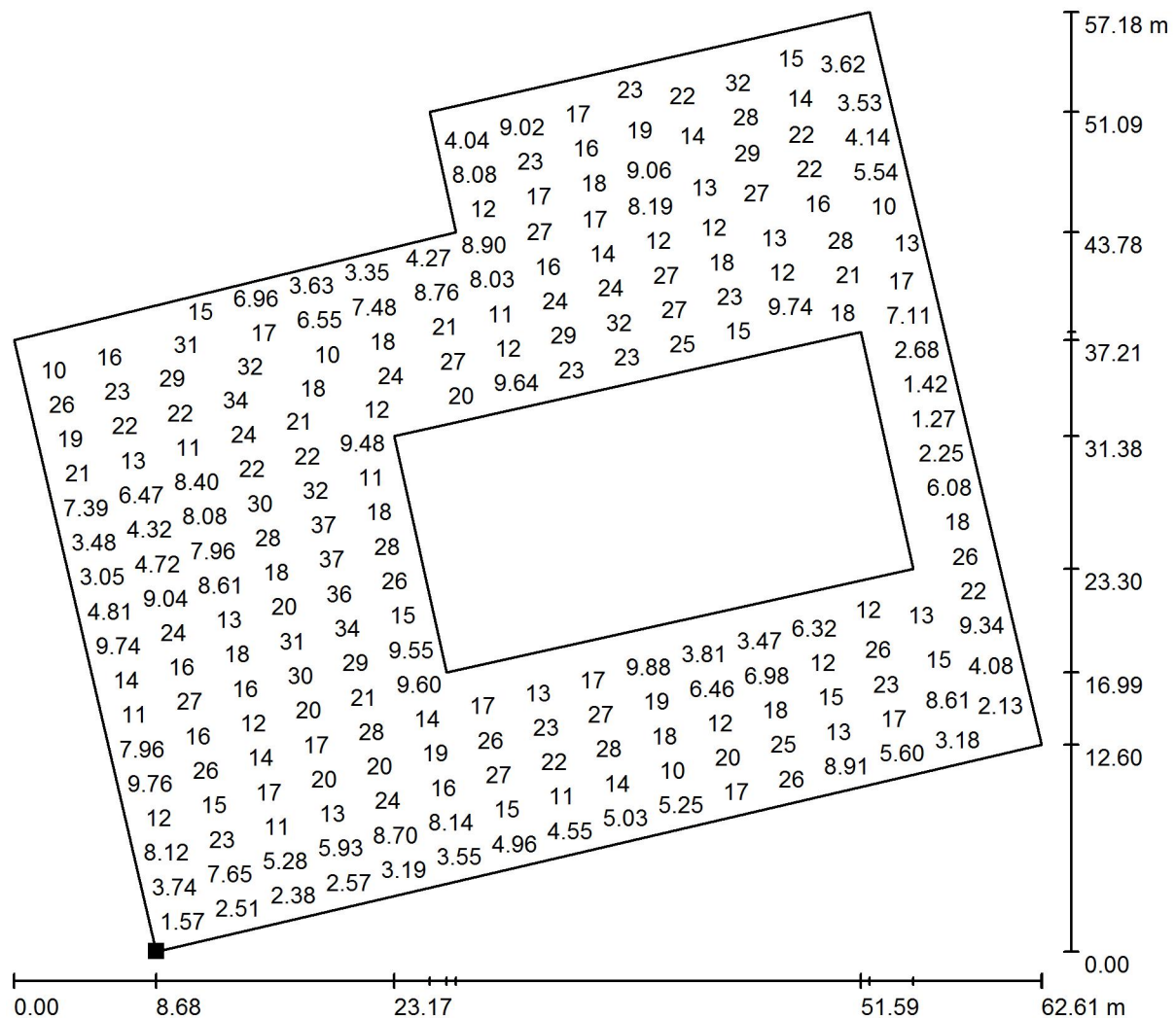
u_0
0.056

E_{min} / E_{max}
0.022

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



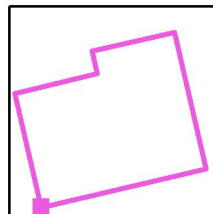
Values in Lux, Scale 1 : 448

Not all calculated values could be displayed.

Position of surface in external scene:

Marked point:

(12.693 m, 5.756 m, 0.750 m)



Grid: 128 x 128 Points

E_{av} [lx]
15

E_{min} [lx]
0.83

E_{max} [lx]
38

u_0
0.056

E_{min} / E_{max}
0.022