

Project 1

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

Date: 01.03.2021
Operator: Kian Spillane



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Table of contents

Project 1

Project Cover	1
Table of contents	2
Luminaire parts list	3
Thorn 96666258 PIAZZA II LED 1690-840 HF E3TX ANT [STD]	
Luminaire Data Sheet	4
Thorn 96268303 R2L2 M 60L35 WS 740 CL1 [STD]	
Luminaire Data Sheet	5
External Scene	
Planning data	6
Luminaire parts list	7
Exterior Surfaces	
Entrance 1A	
Value Chart (E, Perpendicular)	8
Entrance 1	
Value Chart (E, Perpendicular)	9
Car Park 1	
Value Chart (E, Perpendicular)	10
Entrance 2A	
Value Chart (E, Perpendicular)	11
Entrance 2	
Value Chart (E, Perpendicular)	12
Central Parking Bays and Bike Stand 1	
Value Chart (E, Perpendicular)	13
Central Parking Bays 2	
Value Chart (E, Perpendicular)	14

Project 1



DIALux

01.03.2021

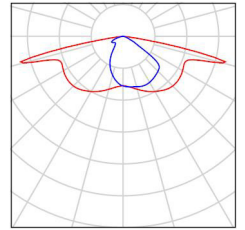
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Project 1 / Luminaire parts list

45 Pieces Thorn 96268303 R2L2 M 60L35 WS 740 CL1
[STD]
Article No.: 96268303
Luminous flux (Luminaire): 8178 lm
Luminous flux (Lamps): 8194 lm
Luminaire Wattage: 63.0 W
Luminaire classification according to CIE: 100
CIE flux code: 38 71 95 100 100
Fitting: 1 x LED 63 W (Correction Factor 1.000).

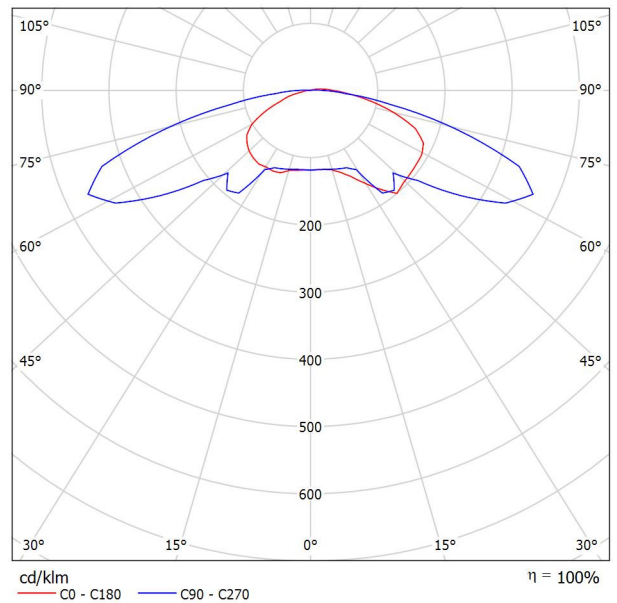


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Thorn 96666258 PIAZZA II LED 1690-840 HF E3TX ANT [STD] / Luminaire Data Sheet

Luminous emittance 1:



Luminaire classification according to CIE: 98
CIE flux code: 23 54 86 98 100

A robust wall mounted luminaire. Electronic, fixed output control gear with 3 hour, Self/Addressable test, emergency lighting circuit. Back plate: die-cast aluminium, painted anthracite. Body: anthracite polycarbonate. Ø20mm cable entry via rear or side conduit entries, BESA compatible. IP65, IK10. Complete with 4000K LED.

Dimensions: 381 x 196 x 305 mm
Luminaire input power: 15.4 W
Luminaire luminous flux: 1844 lm
Luminaire efficacy: 120 lm/W
Weight: 3.1 kg

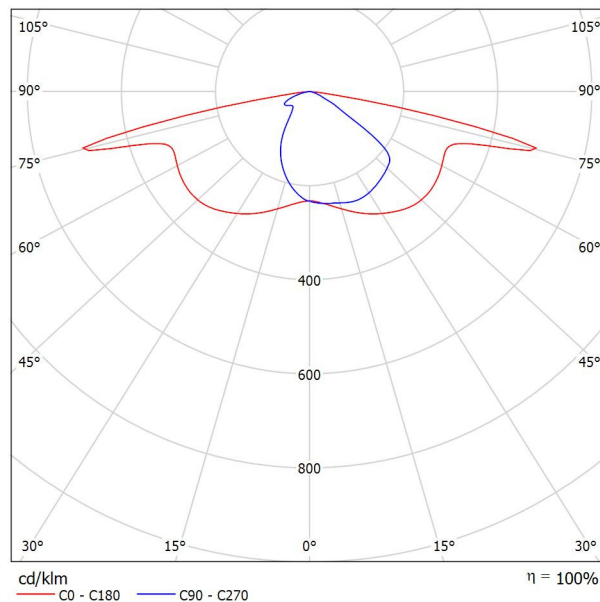
Due to missing symmetry properties, no UGR table can be displayed for this luminaire.



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Luminous emittance 1:

Luminaire classification according to CIE: 100
CIE flux code: 38 71 95 100 100

A medium size LED road lighting lantern with 60 LEDs driven at 350mA with Wide Street optic. Electronic, fixed output control gear. Class I electrical, IP66, IK08. Housing: die-cast aluminium, powder coated textured light grey. Diffuser: tempered flat glass. Screws: stainless steel, Ecolubric® treated. Post top (Ø60/76mm, tilted 0°/5°/10°) or lateral (Ø34/42/49/60mm, tilted 0°/-5°/-10°/-15°) mounting. Complete with 4000K LED.

Dimensions: 880 x 370 x 155 mm
Total power: 63 W
Weight: 12.86 kg
Scx: 0.06 m²

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

Project 1



DIALux

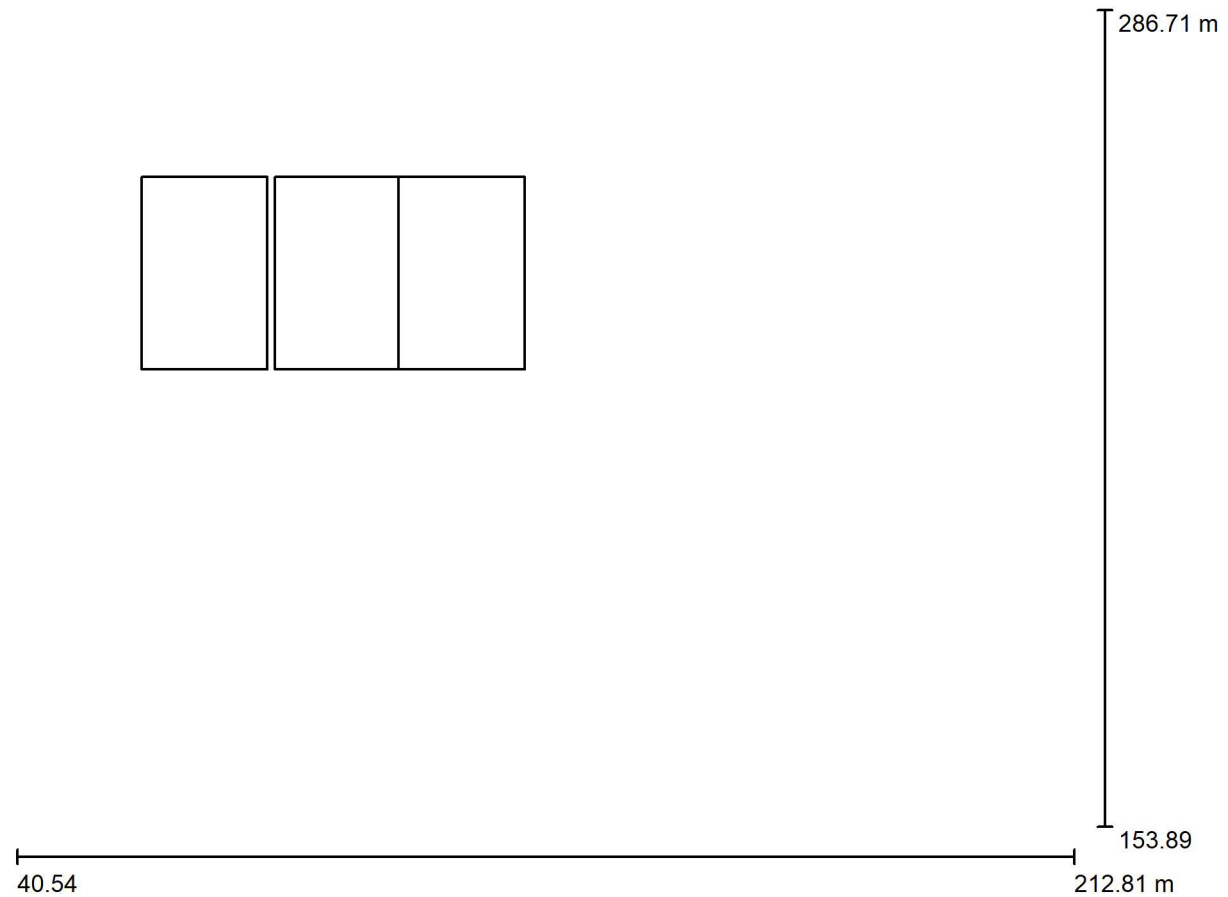
01.03.2021

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External Scene / Planning data



Maintenance factor: 0.80, ULR (Upward Light Ratio): 1.0%

Scale 1:1232

Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
1	45	Thorn 96268303 R2L2 M 60L35 WS 740 CL1 [STD] (1.000)	8178	8194	63.0
Total:			367993	368730	2835.0

Project 1



DIALux

01.03.2021

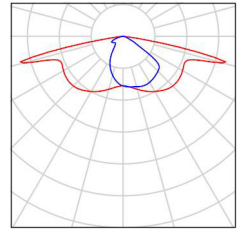
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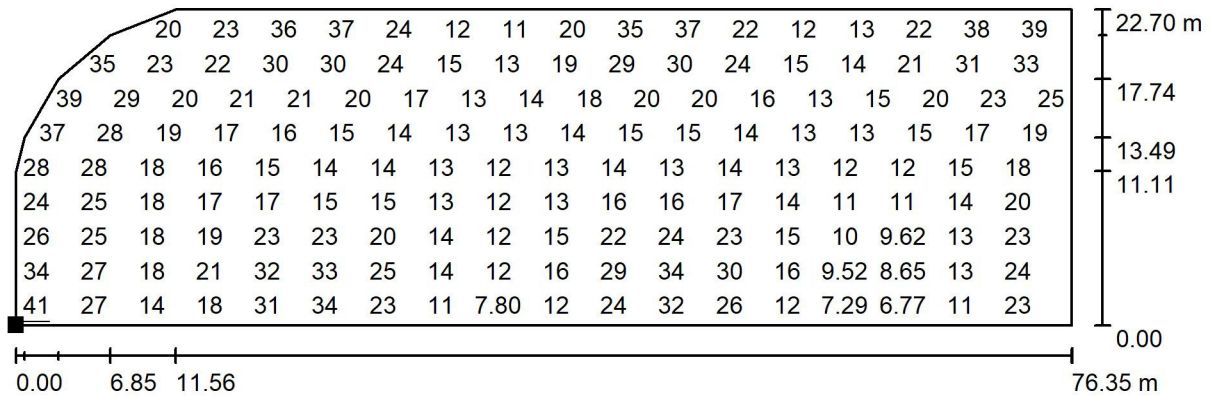
External Scene / Luminaire parts list

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[STD]
Article No.: 96268303
Luminous flux (Luminaire): 8178 lm
Luminous flux (Lamps): 8194 lm
Luminaire Wattage: 63.0 W
Luminaire classification according to CIE: 100
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Fitting: 1 x LED 63 W (Correction Factor 1.000).





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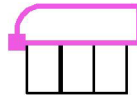
Values in Lux, Scale 1 : 546

Not all calculated values could be displayed.

Position of surface in external scene:

Marked point:

(54.545 m, 260.200 m, 0.000 m)

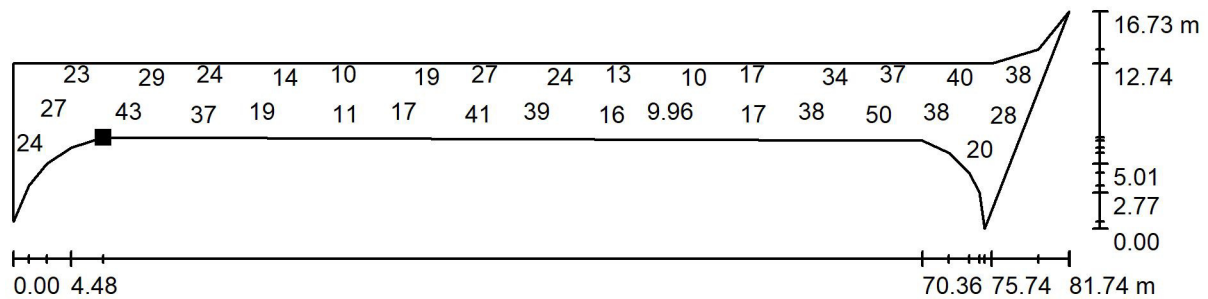


Grid: 128 x 64 Points

 E_{av} [lx]
20 E_{min} [lx]
5.82 E_{max} [lx]
41u0
0.294 E_{min} / E_{max}
0.141



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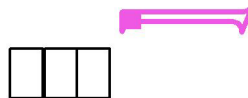
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Not all calculated values could be displayed.

Position of surface in external scene:

Marked point:

(138.060 m, 277.000 m, 0.000 m)



Grid: 128 x 32 Points

 E_{av} [lx]
26

 E_{min} [lx]
8.43

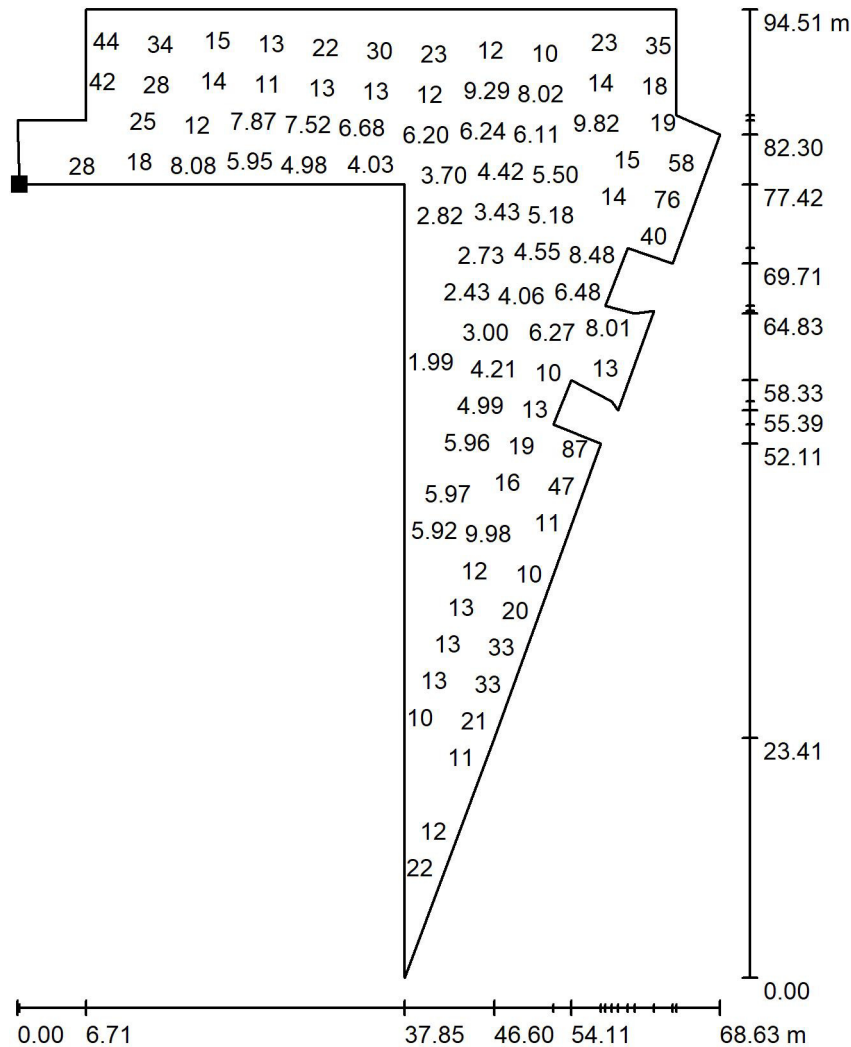
 E_{max} [lx]
54

 u_0
0.324

 E_{min} / E_{max}
0.157



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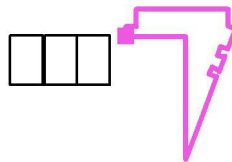
Values in Lux, Scale 1 : 739

Not all calculated values could be displayed.

Position of surface in external scene:

Marked point:

(133.502 m, 258.944 m, 0.000 m)

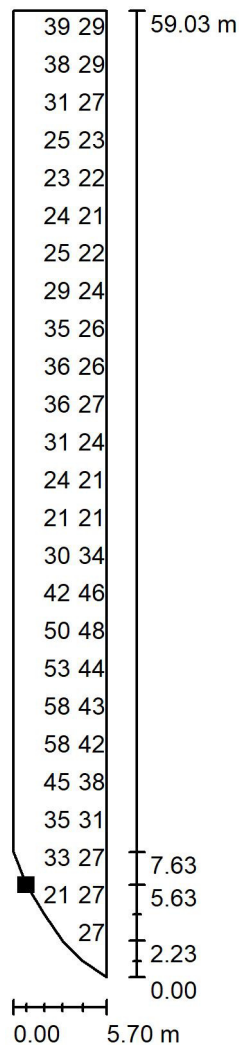


Grid: 128 x 64 Points

 E_{av} [lx]
15 E_{min} [lx]
1.63 E_{max} [lx]
93 u_0
0.107 E_{min} / E_{max}
0.018



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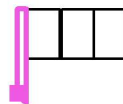
Values in Lux, Scale 1 : 462

Not all calculated values could be displayed.

Position of surface in external scene:

Marked point:

(55.403 m, 206.500 m, 0.000 m)

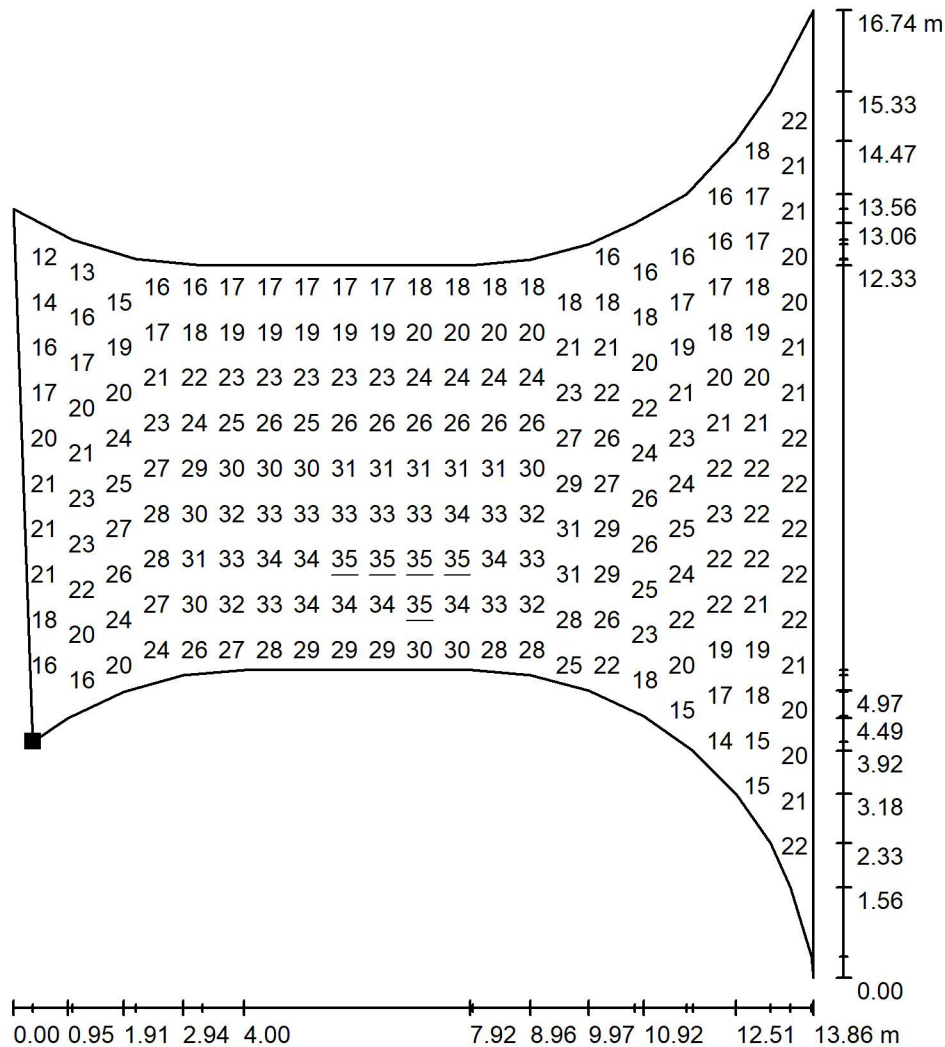


Grid: 16 x 128 Points

 E_{av} [lx]
33 E_{min} [lx]
17 E_{max} [lx]
69 u_0
0.514 E_{min} / E_{max}
0.246



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Not all calculated values could be displayed.

Position of surface in external scene:

Marked point:

(40.881 m, 243.524 m, 0.000 m)



Grid: 64 x 64 Points

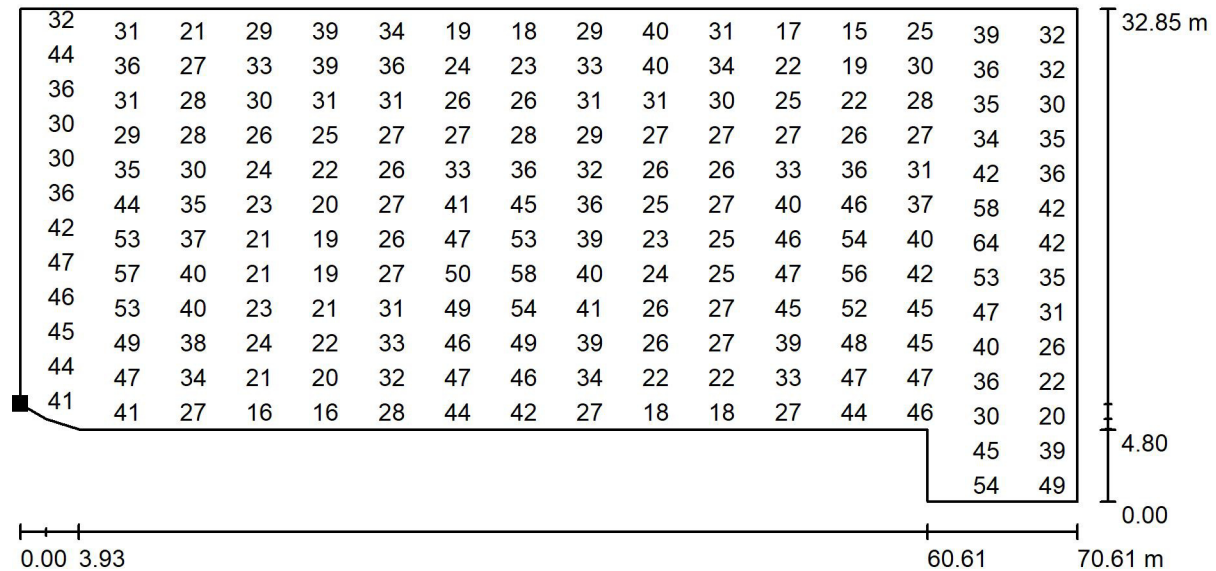
 E_{av} [lx]
23 E_{min} [lx]
10 E_{max} [lx]
35 u_0
0.436 E_{min} / E_{max}
0.286



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External Scene / Central Parking Bays and Bike Stand 1 / Value Chart (E, Perpendicular)



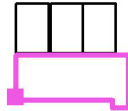
Values in Lux, Scale 1 : 505

Not all calculated values could be displayed.

Position of surface in external scene:

Marked point:

(60.543 m, 200.754 m, 0.000 m)

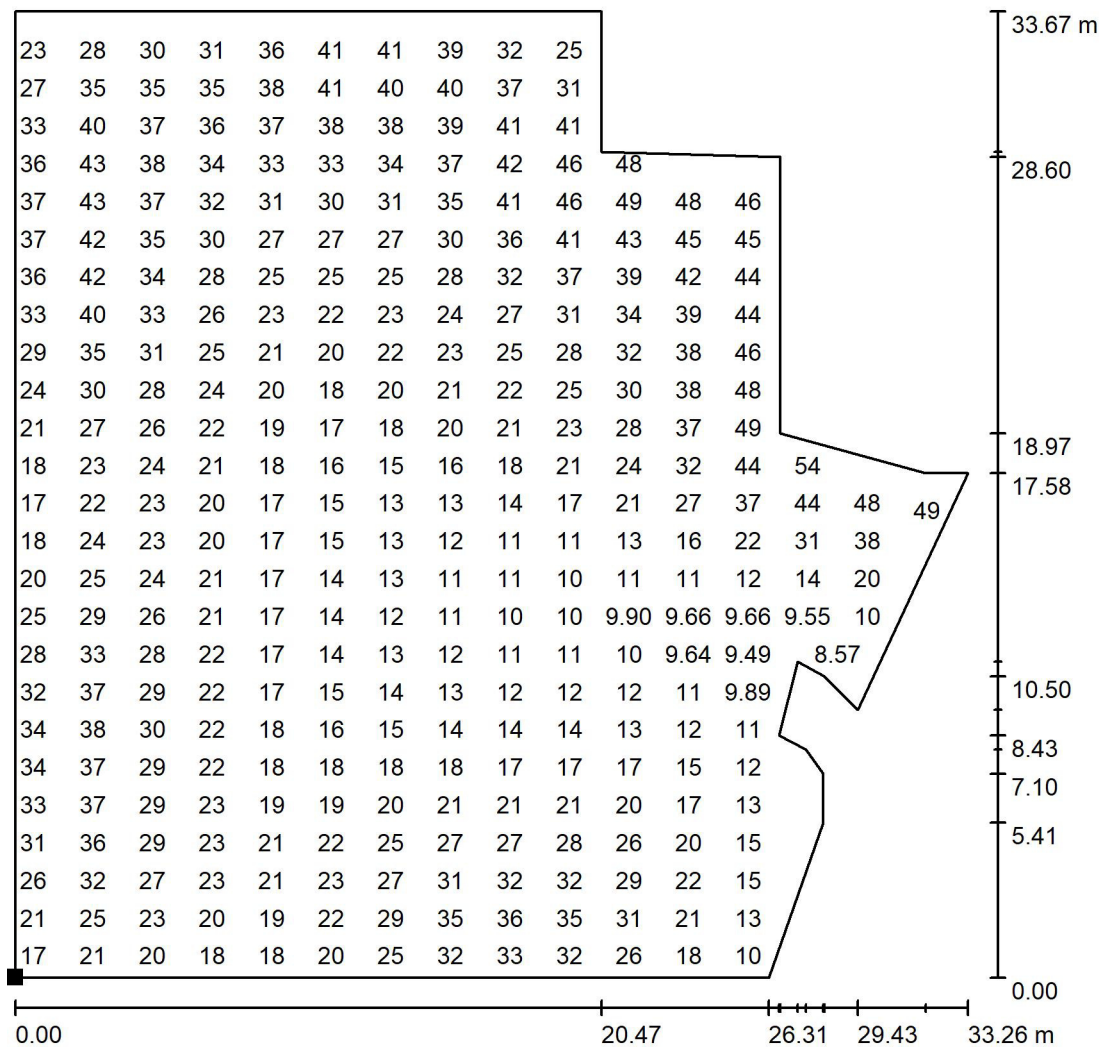


Grid: 128 x 64 Points

 E_{av} [lx]
34 E_{min} [lx]
9.81 E_{max} [lx]
68 u_0
0.290 E_{min} / E_{max}
0.145



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Values in Lux, Scale 1 : 264

Not all calculated values could be displayed.

Position of surface in external scene:

Marked point:

(134.340 m, 154.200 m, 0.000 m)



Grid: 128 x 128 Points

 E_{av} [lx]
26 E_{min} [lx]
7.71 E_{max} [lx]
59 u_0
0.297 E_{min} / E_{max}
0.130