

Project Name: Ahmadabad Airport

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

Date: 24.10.2019
Operator: Abhishek Seth

Halonix Technologies Pvt Ltd

B-31, Phase-2, NoidaDist-Gautam Budh Nagar (UP)-201305

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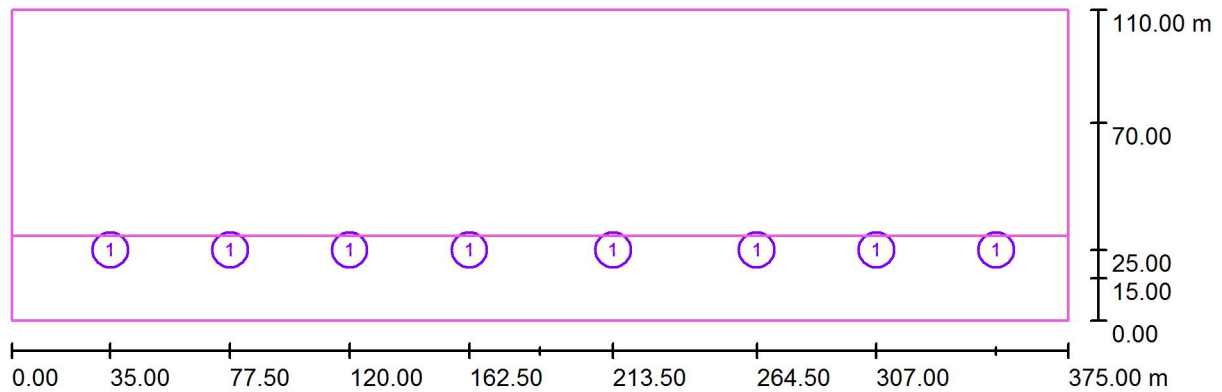
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APRON HORIZONTAL ILLUMINANCE / Planning data



Light loss factor: 0.85, ULR (Upward Light Ratio): 11.5%

Scale 1:2681

Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
1	104	HALONIX 150W LED FLOOD LIGHT NWL (1.000)	15056	15056	150.0
Total:			1565824	Total: 1565824	15600.0

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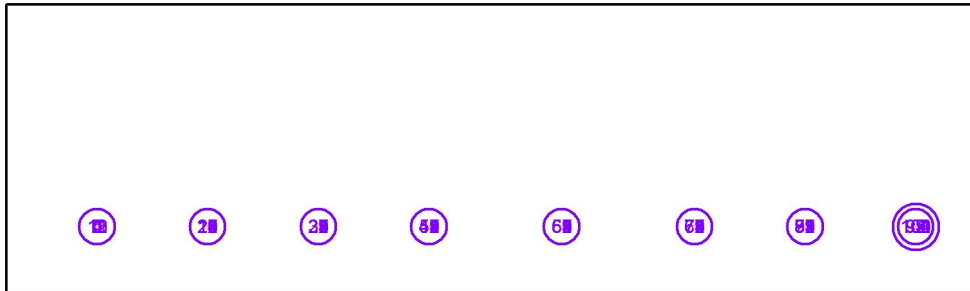
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APRON HORIZONTAL ILLUMINANCE / Luminaires (coordinates list)**HALONIX 150W LED FLOOD LIGHT NWL (1.000)**

15056 lm, 150.0 W, 1 x 1 x User defined (Correction Factor 1.000).



No.	Position [m]			Rotation [°]		
	X	Y	Z	X	Y	Z
1	35.000	25.000	11.000	60.0	0.0	170.0
2	35.000	25.000	11.000	60.0	0.0	-135.0
3	35.000	25.000	11.000	70.0	0.0	79.0
4	35.000	25.000	11.000	70.0	0.0	63.0
5	35.000	25.000	11.000	70.0	0.0	47.0
6	35.000	25.000	11.000	70.0	0.0	30.0
7	35.000	25.000	11.000	70.0	0.0	13.0
8	35.000	25.000	11.000	70.0	0.0	-4.0
9	35.000	25.000	11.000	70.0	0.0	-21.0
10	35.000	25.000	11.000	70.0	0.0	-37.0
11	35.000	25.000	11.000	70.0	0.0	-52.0
12	35.000	25.000	11.000	70.0	0.0	-67.0
13	35.000	25.000	11.000	70.0	0.0	120.0
14	77.500	25.000	11.000	60.0	0.0	170.0
15	77.500	25.000	11.000	60.0	0.0	-135.0
16	77.500	25.000	11.000	70.0	0.0	79.0
17	77.500	25.000	11.000	70.0	0.0	63.0
18	77.500	25.000	11.000	70.0	0.0	47.0
19	77.500	25.000	11.000	70.0	0.0	30.0
20	77.500	25.000	11.000	70.0	0.0	13.0
21	77.500	25.000	11.000	70.0	0.0	-4.0
22	77.500	25.000	11.000	70.0	0.0	-21.0
23	77.500	25.000	11.000	70.0	0.0	-37.0
24	77.500	25.000	11.000	70.0	0.0	-52.0
25	77.500	25.000	11.000	70.0	0.0	-67.0
26	77.500	25.000	11.000	60.0	0.0	120.0
27	120.000	25.000	11.000	60.0	0.0	170.0
28	120.000	25.000	11.000	60.0	0.0	-135.0

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APRON HORIZONTAL ILLUMINANCE / Luminaires (coordinates list)

No.	Position [m]			Rotation [°]		
	X	Y	Z	X	Y	Z
29	120.000	25.000	11.000	70.0	0.0	79.0
30	120.000	25.000	11.000	70.0	0.0	63.0
31	120.000	25.000	11.000	70.0	0.0	47.0
32	120.000	25.000	11.000	70.0	0.0	30.0
33	120.000	25.000	11.000	70.0	0.0	13.0
34	120.000	25.000	11.000	70.0	0.0	-4.0
35	120.000	25.000	11.000	70.0	0.0	-21.0
36	120.000	25.000	11.000	70.0	0.0	-37.0
37	120.000	25.000	11.000	70.0	0.0	-52.0
38	120.000	25.000	11.000	70.0	0.0	-67.0
39	120.000	25.000	11.000	60.0	0.0	120.0
40	162.500	25.000	11.000	60.0	0.0	170.0
41	162.500	25.000	11.000	60.0	0.0	-135.0
42	162.500	25.000	11.000	70.0	0.0	79.0
43	162.500	25.000	11.000	70.0	0.0	63.0
44	162.500	25.000	11.000	70.0	0.0	47.0
45	162.500	25.000	11.000	70.0	0.0	30.0
46	162.500	25.000	11.000	70.0	0.0	13.0
47	162.500	25.000	11.000	70.0	0.0	-4.0
48	162.500	25.000	11.000	70.0	0.0	-21.0
49	162.500	25.000	11.000	70.0	0.0	-37.0
50	162.500	25.000	11.000	70.0	0.0	-52.0
51	162.500	25.000	11.000	70.0	0.0	-67.0
52	162.500	25.000	11.000	60.0	0.0	120.0
53	213.500	25.000	11.000	60.0	0.0	170.0
54	213.500	25.000	11.000	60.0	0.0	-135.0
55	213.500	25.000	11.000	70.0	0.0	79.0
56	213.500	25.000	11.000	70.0	0.0	63.0
57	213.500	25.000	11.000	70.0	0.0	47.0
58	213.500	25.000	11.000	70.0	0.0	30.0
59	213.500	25.000	11.000	70.0	0.0	13.0
60	213.500	25.000	11.000	70.0	0.0	-4.0
61	213.500	25.000	11.000	70.0	0.0	-21.0
62	213.500	25.000	11.000	70.0	0.0	-37.0
63	213.500	25.000	11.000	70.0	0.0	-52.0
64	213.500	25.000	11.000	70.0	0.0	-67.0
65	213.500	25.000	11.000	60.0	0.0	120.0
66	264.500	25.000	11.000	60.0	0.0	170.0

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APRON HORIZONTAL ILLUMINACE / Luminaires (coordinates list)

No.	Position [m]			Rotation [°]		
	X	Y	Z	X	Y	Z
67	264.500	25.000	11.000	60.0	0.0	-135.0
68	264.500	25.000	11.000	70.0	0.0	79.0
69	264.500	25.000	11.000	70.0	0.0	63.0
70	264.500	25.000	11.000	70.0	0.0	47.0
71	264.500	25.000	11.000	70.0	0.0	30.0
72	264.500	25.000	11.000	70.0	0.0	13.0
73	264.500	25.000	11.000	70.0	0.0	-4.0
74	264.500	25.000	11.000	70.0	0.0	-21.0
75	264.500	25.000	11.000	70.0	0.0	-37.0
76	264.500	25.000	11.000	70.0	0.0	-52.0
77	264.500	25.000	11.000	70.0	0.0	-67.0
78	264.500	25.000	11.000	60.0	0.0	120.0
79	307.000	25.000	11.000	60.0	0.0	170.0
80	307.000	25.000	11.000	60.0	0.0	-135.0
81	307.000	25.000	11.000	72.0	0.0	79.0
82	307.000	25.000	11.000	70.0	0.0	63.0
83	307.000	25.000	11.000	70.0	0.0	47.0
84	307.000	25.000	11.000	70.0	0.0	30.0
85	307.000	25.000	11.000	70.0	0.0	13.0
86	307.000	25.000	11.000	70.0	0.0	-4.0
87	307.000	25.000	11.000	70.0	0.0	-21.0
88	307.000	25.000	11.000	70.0	0.0	-37.0
89	307.000	25.000	11.000	70.0	0.0	-52.0
90	307.000	25.000	11.000	70.0	0.0	-67.0
91	307.000	25.000	11.000	60.0	0.0	120.0
92	349.500	25.000	11.000	60.0	0.0	165.0
93	349.500	25.000	11.000	60.0	0.0	-135.0
94	349.500	25.000	11.000	70.0	0.0	79.0
95	349.500	25.000	11.000	70.0	0.0	63.0
96	349.500	25.000	11.000	70.0	0.0	47.0
97	349.500	25.000	11.000	70.0	0.0	30.0
98	349.500	25.000	11.000	70.0	0.0	13.0
99	349.500	25.000	11.000	70.0	0.0	-4.0
100	349.500	25.000	11.000	70.0	0.0	-21.0
101	349.500	25.000	11.000	70.0	0.0	-37.0
102	349.500	25.000	11.000	70.0	0.0	-52.0
103	349.500	25.000	11.000	70.0	0.0	-67.0
104	349.500	25.000	11.000	60.0	0.0	120.0

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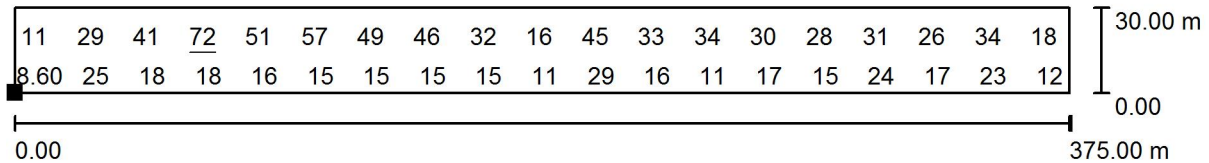
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APRON HORIZONTAL ILLUMINANCE / GSE-1 AREA / Value Chart (E, Perpendicular)

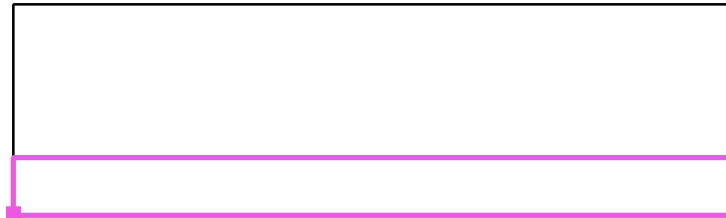
Values in Lux, Scale 1 : 2681

Not all calculated values could be displayed.

Position of surface in external scene:

Marked point:

(0.000 m, 0.000 m, 0.000 m)



Grid: 188 x 15 Points

 E_{av} [lx]
31 E_{min} [lx]
4.66 E_{max} [lx]
72 u_0
0.151 E_{min} / E_{max}
0.065

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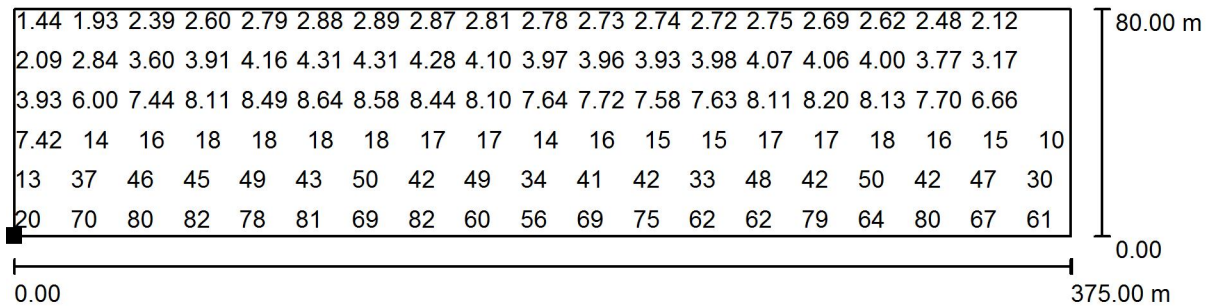
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APRON HORIZONTAL ILLUMINANCE / APRON AREA - HOZ / Value Chart (E, Perpendicular)



Values in Lux, Scale 1 : 2681

Not all calculated values could be displayed.

Position of surface in external scene:

Marked point:

(0.000 m, 30.000 m, 0.000 m)



Grid: 188 x 40 Points

 E_{av} [lx]
23

 E_{min} [lx]
1.20

 E_{max} [lx]
90

 u_0
0.053

 E_{min} / E_{max}
0.013

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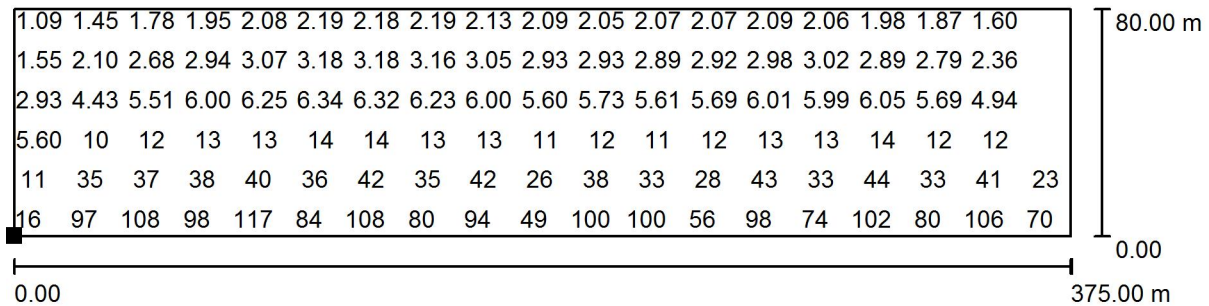
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APRON HORIZONTAL ILLUMINANCE / APRON AREA - VER. ILLUMINANCE / Value Chart (E, Perpendicular)



Values in Lux, Scale 1 : 2681

Not all calculated values could be displayed.

Position of surface in external scene:

Marked point:

(0.000 m, 30.000 m, 2.000 m)



Grid: 188 x 40 Points

 E_{av} [lx]
22

 E_{min} [lx]
0.92

 E_{max} [lx]
118

 u_0
0.041

 E_{min} / E_{max}
0.008

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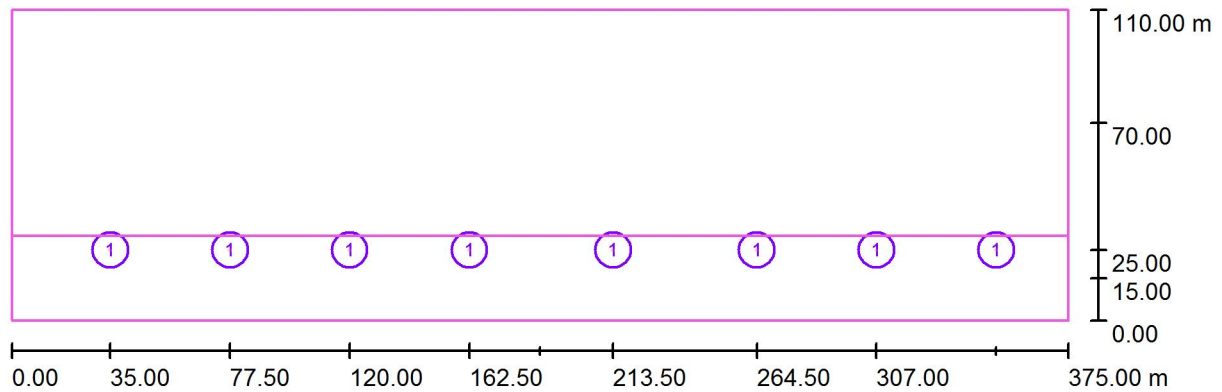
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APRON EMERGENCY SUPPLY SWITCHED ON / Planning data

Light loss factor: 0.85, ULR (Upward Light Ratio): 16.0%

Scale 1:2681

Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
1	32	HALONIX 150W LED FLOOD LIGHT NWL (1.000)	15056	15056	150.0
Total:			481792	481792	4800.0

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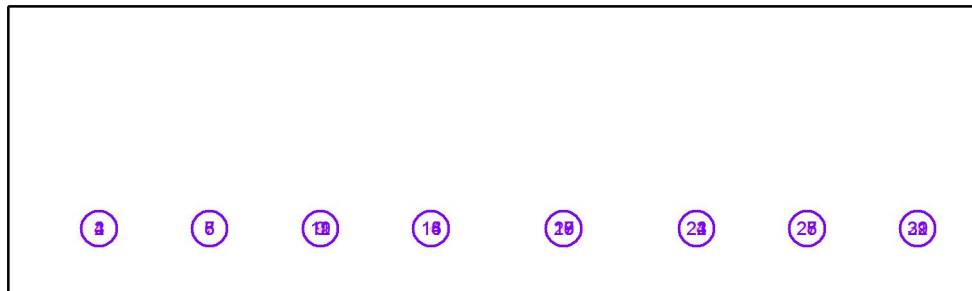
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APRON EMERGENCY SUPPLY SWITCHED ON / Luminaires (coordinates list)**HALONIX 150W LED FLOOD LIGHT NWL (1.000)**

15056 lm, 150.0 W, 1 x 1 x User defined (Correction Factor 1.000).



No.	Position [m]			Rotation [°]		
	X	Y	Z	X	Y	Z
1	35.000	25.000	11.000	75.0	0.0	58.0
2	35.000	25.000	11.000	72.0	0.0	3.0
3	35.000	25.000	11.000	75.0	0.0	-41.0
4	35.000	25.000	11.000	70.0	0.0	165.0
5	77.500	25.000	11.000	75.0	0.0	58.0
6	77.500	25.000	11.000	72.0	0.0	3.0
7	77.500	25.000	11.000	75.0	0.0	-41.0
8	77.500	25.000	11.000	70.0	0.0	165.0
9	120.000	25.000	11.000	75.0	0.0	58.0
10	120.000	25.000	11.000	72.0	0.0	3.0
11	120.000	25.000	11.000	75.0	0.0	-41.0
12	120.000	25.000	11.000	70.0	0.0	165.0
13	162.500	25.000	11.000	75.0	0.0	58.0
14	162.500	25.000	11.000	72.0	0.0	3.0
15	162.500	25.000	11.000	75.0	0.0	-41.0
16	162.500	25.000	11.000	70.0	0.0	165.0
17	213.500	25.000	11.000	75.0	0.0	58.0
18	213.500	25.000	11.000	72.0	0.0	3.0
19	213.500	25.000	11.000	75.0	0.0	-41.0
20	213.500	25.000	11.000	70.0	0.0	165.0
21	264.500	25.000	11.000	75.0	0.0	58.0
22	264.500	25.000	11.000	72.0	0.0	3.0
23	264.500	25.000	11.000	75.0	0.0	-41.0
24	264.500	25.000	11.000	70.0	0.0	165.0
25	307.000	25.000	11.000	75.0	0.0	58.0
26	307.000	25.000	11.000	72.0	0.0	3.0
27	307.000	25.000	11.000	75.0	0.0	-41.0
28	307.000	25.000	11.000	70.0	0.0	165.0

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APRON EMERGENCY SUPPLY SWITCHED ON / Luminaires (coordinates list)

No.	Position [m]			Rotation [°]		
	X	Y	Z	X	Y	Z
29	349.500	25.000	11.000	75.0	0.0	58.0
30	349.500	25.000	11.000	72.0	0.0	3.0
31	349.500	25.000	11.000	75.0	0.0	-41.0
32	349.500	25.000	11.000	70.0	0.0	165.0

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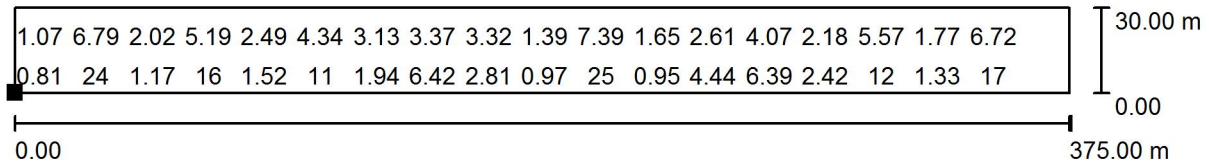
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APRON EMERGENCY SUPPLY SWITCHED ON / GSE-1 AREA / Value Chart (E, Perpendicular)



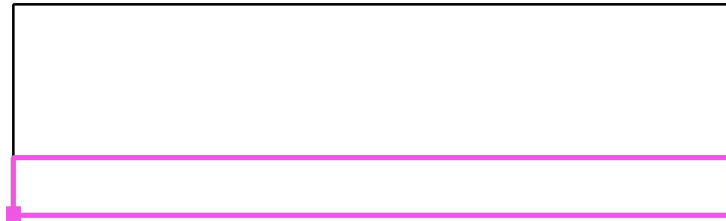
Values in Lux, Scale 1 : 2681

Not all calculated values could be displayed.

Position of surface in external scene:

Marked point:

(0.000 m, 0.000 m, 0.000 m)



Grid: 188 x 15 Points

 E_{av} [lx]
5.72

 E_{min} [lx]
0.20

 E_{max} [lx]
30

 u_0
0.034

 E_{min} / E_{max}
0.007

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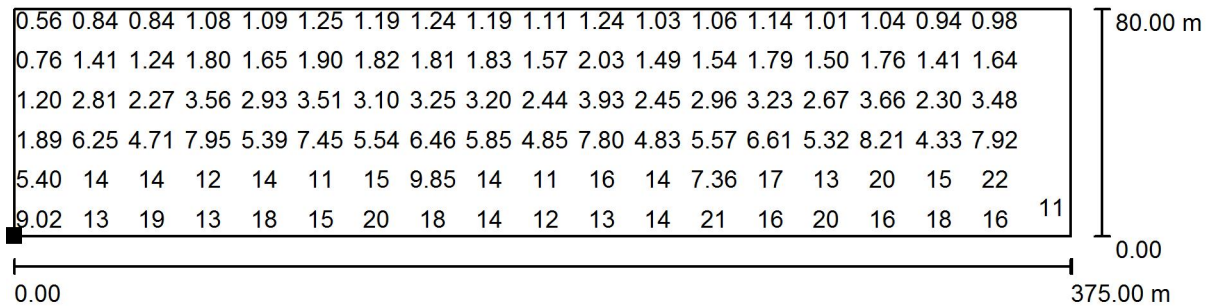
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APRON EMERGENCY SUPPLY SWITCHED ON / APRON AREA - HOZ / Value Chart (E, Perpendicular)



Values in Lux, Scale 1 : 2681

Not all calculated values could be displayed.

Position of surface in external scene:

Marked point:

(0.000 m, 30.000 m, 0.000 m)



Grid: 188 x 40 Points

 E_{av} [lx]
6.69

 E_{min} [lx]
0.42

 E_{max} [lx]
30

 u_0
0.063

 E_{min} / E_{max}
0.014