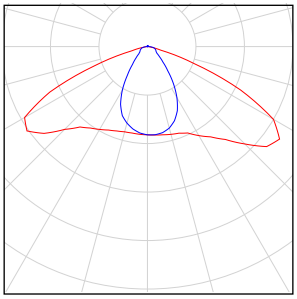
Date:
2023-08-08

Project-0808

Content

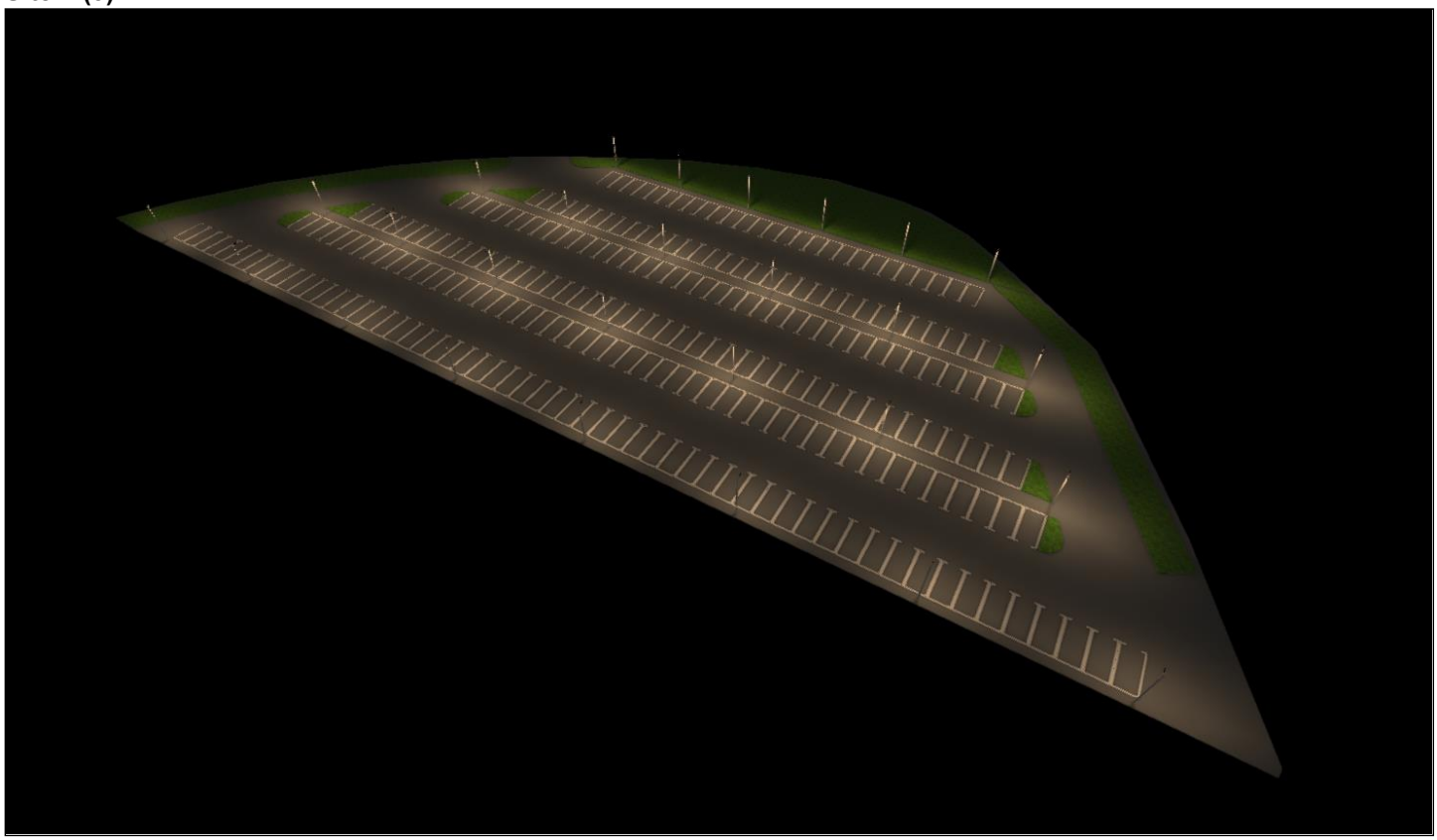
Project-0808

Quantity	Luminaire (Luminous emittance)		
40	LED - 30W Solar Light Luminous emittance 1 Fitting: 1x Light output ratio: 99.99% Lamp luminous flux: 5269 lm Luminaire luminous flux: 5268 lm Power: 30.0 W Luminous efficacy: 175.6 lm/W Colorimetric data 1x: CCT 3000 K, CRI 100	See our luminaire catalog for an image of the luminaire.	

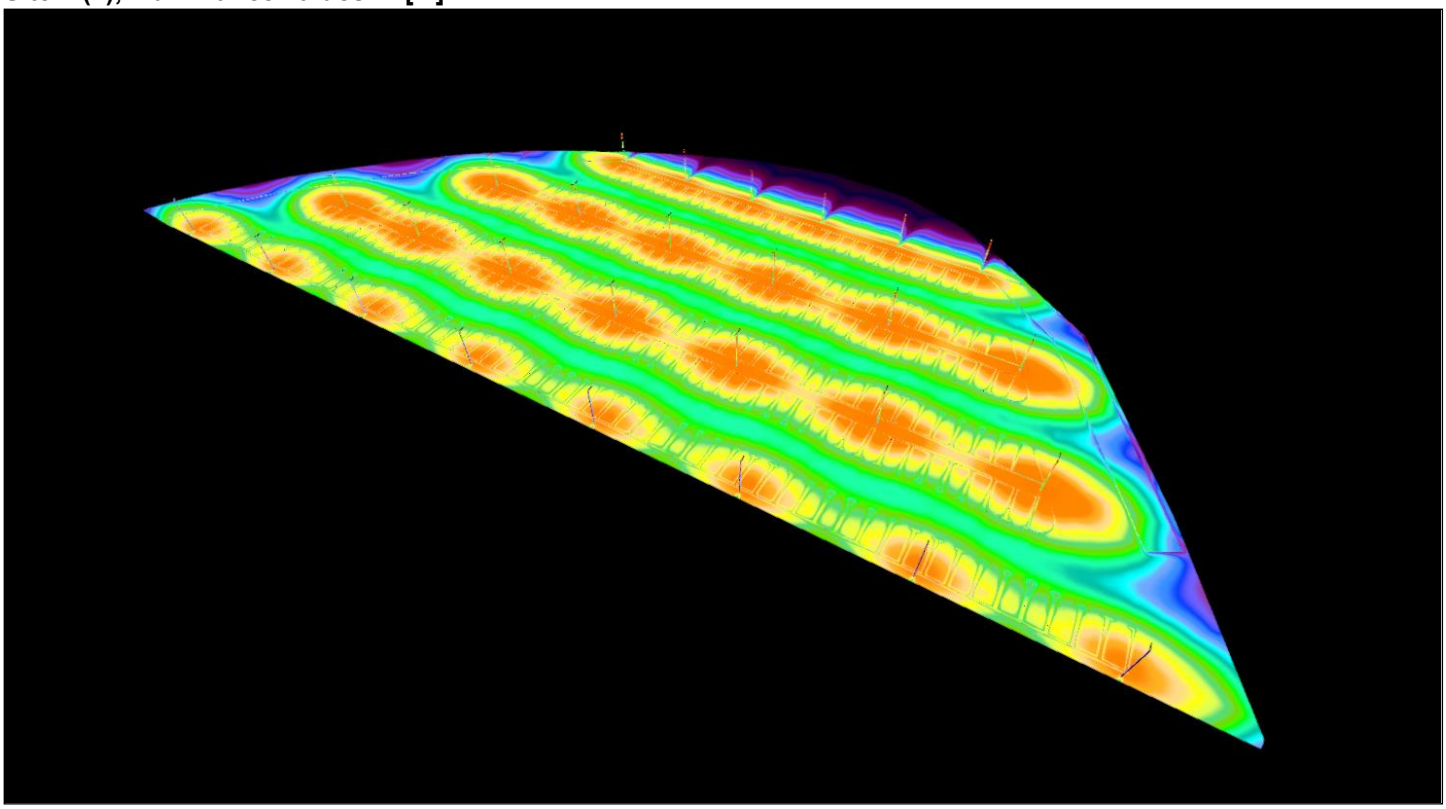
Total lamp luminous flux: 210760 lm, Total luminaire luminous flux: 210720 lm, Total Load: 1200.0 W, Luminous efficacy: 175.6 lm/W

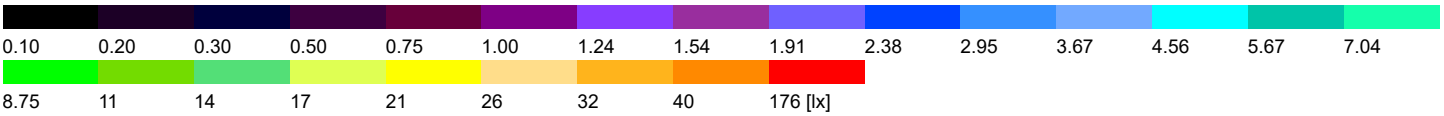
Project-0808

Site 1 (3)

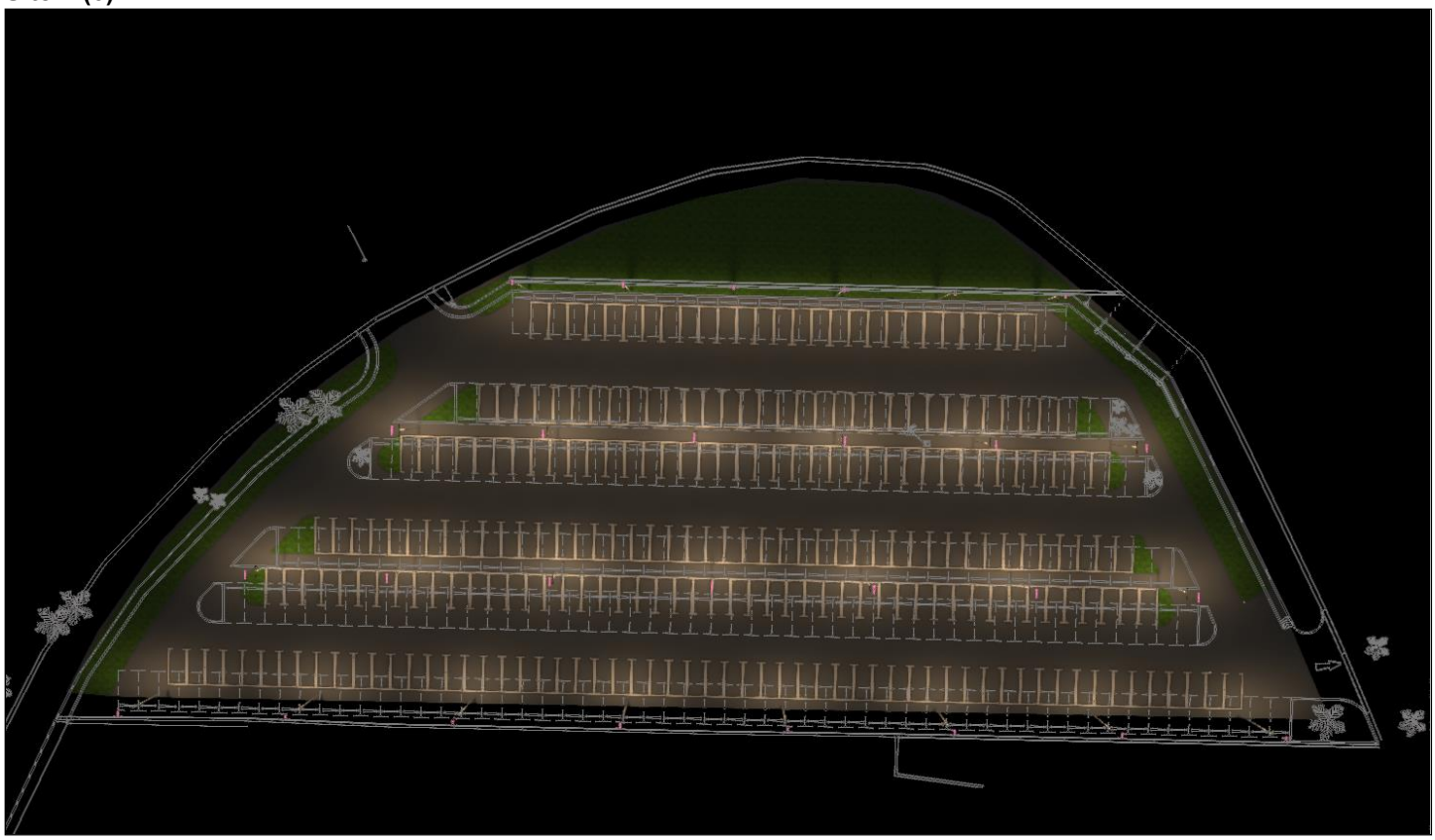


Site 1 (4), Illuminance values in [lx]

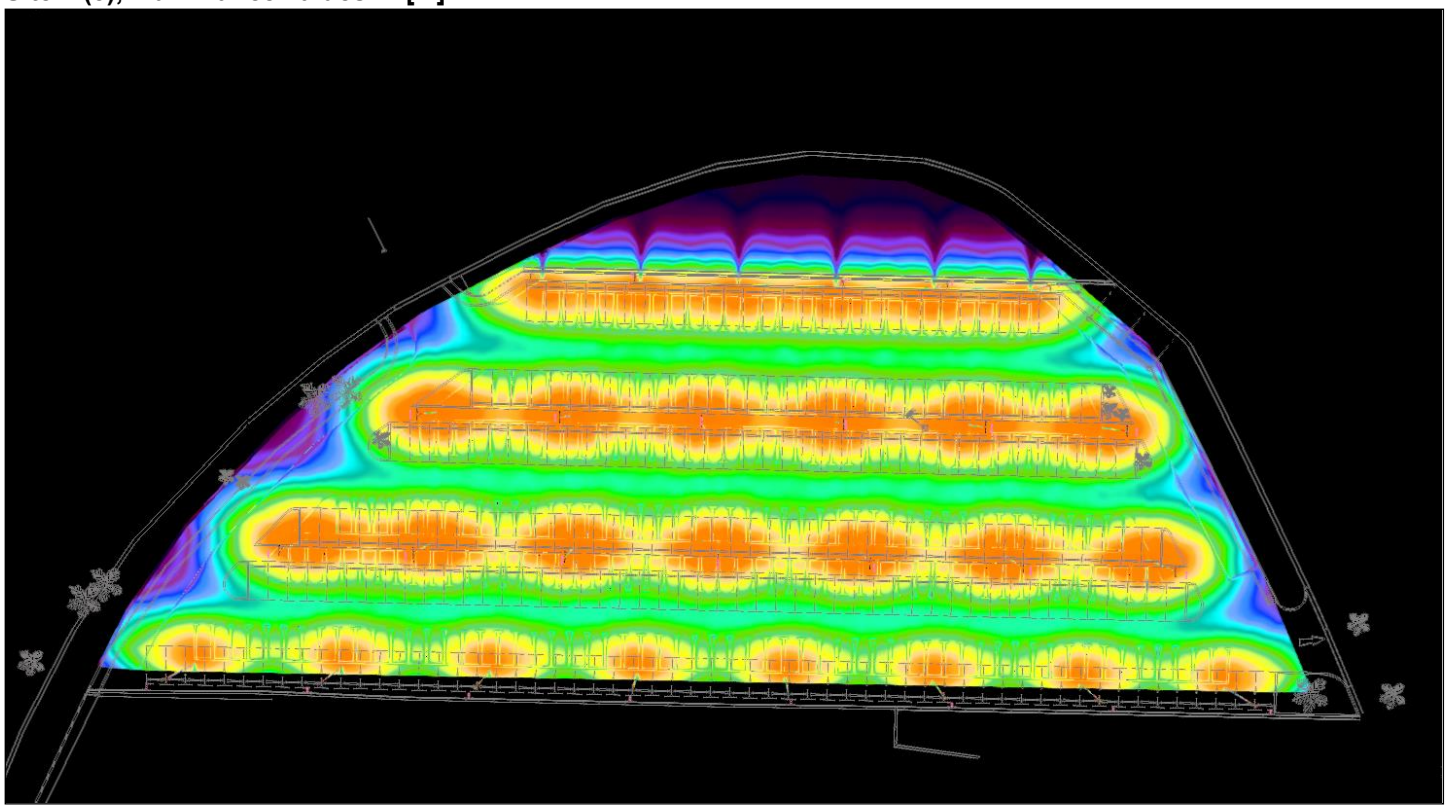




Site 1 (6)

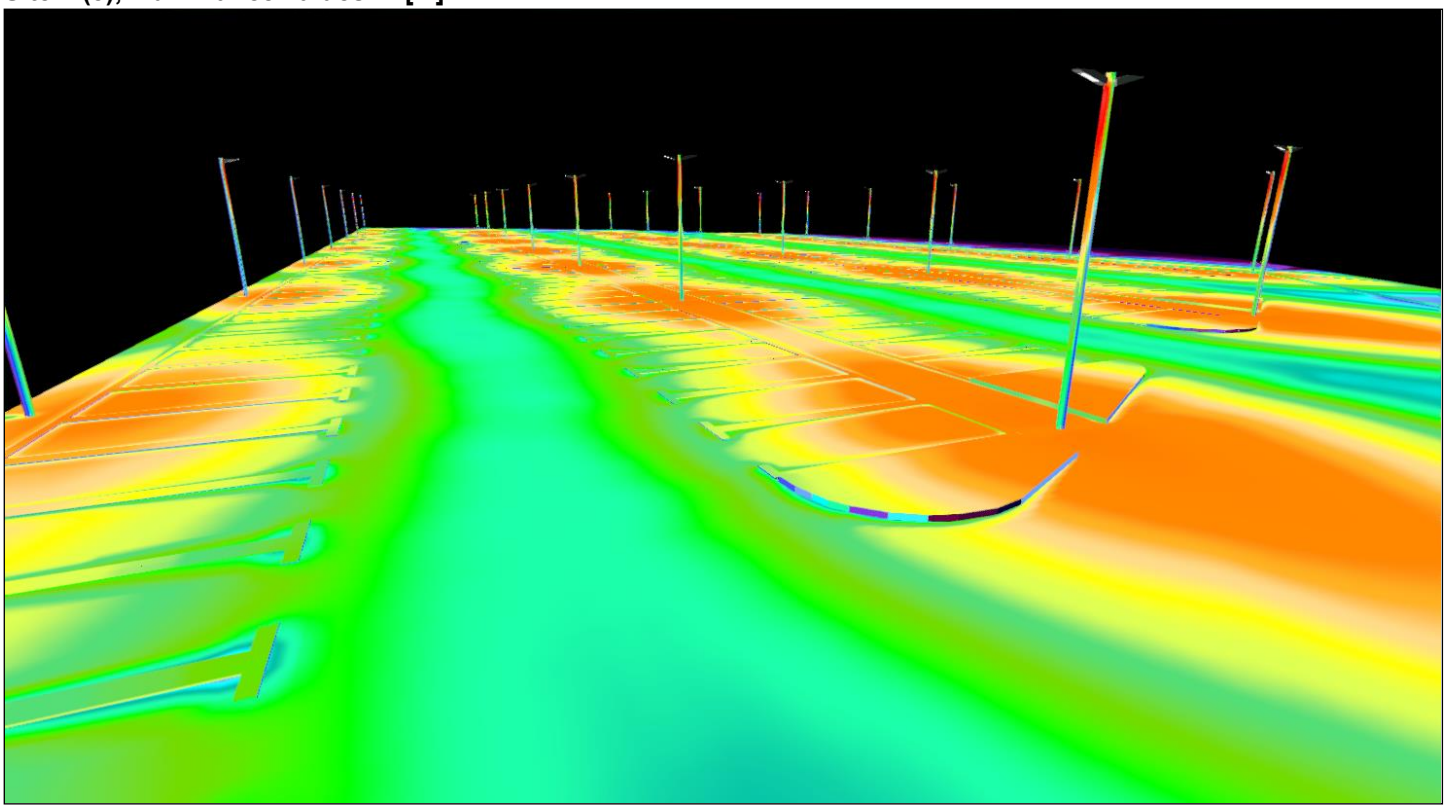


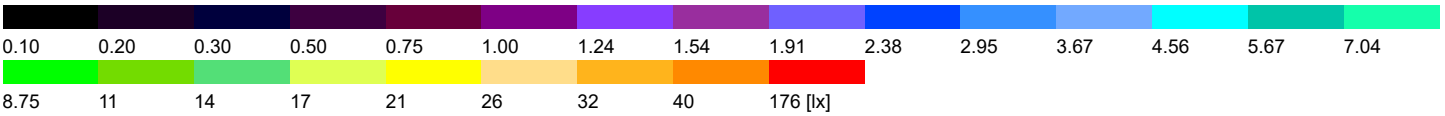
Site 1 (5), Illuminance values in [lx]



Site 1 (7)

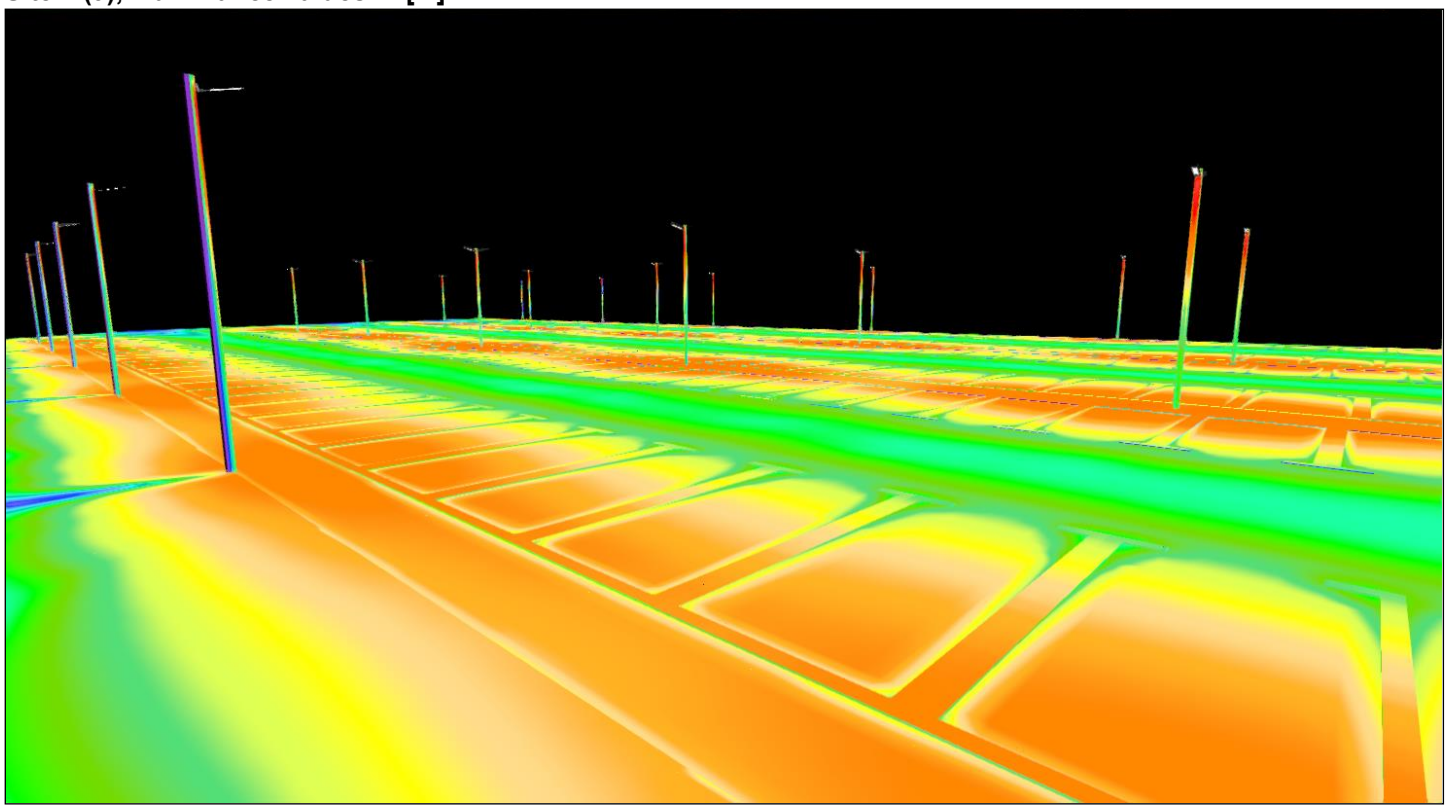
Site 1 (8), Illuminance values in [lx]

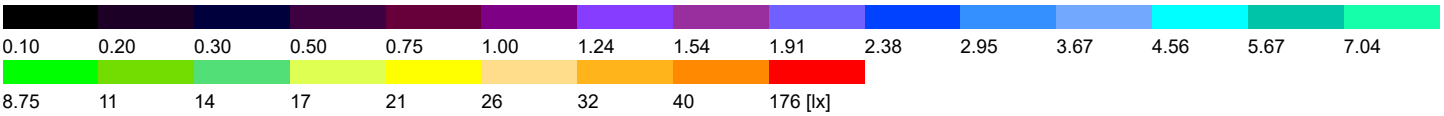




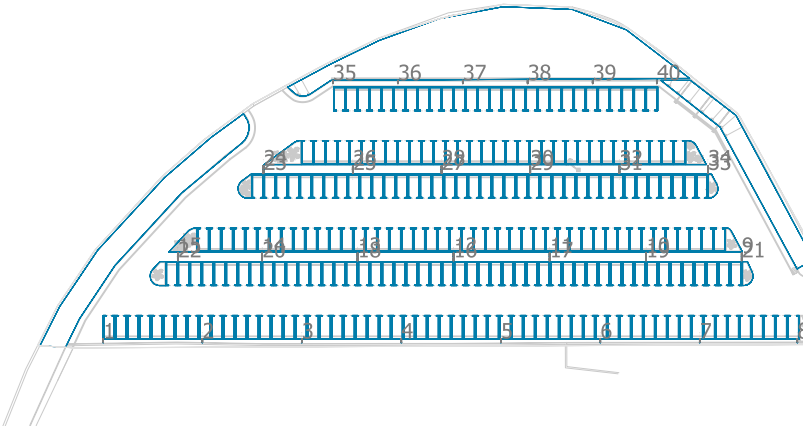
Site 1 (10)

Site 1 (9), Illuminance values in [lx]





Site 1

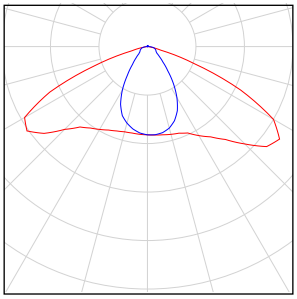


LED 30W Solar Light

No.	X [m]	Y [m]	Mounting height [m]	Light loss factor
1	21.186	23.368	6.000	0.80
2	41.825	23.368	6.000	0.80
3	62.554	23.368	6.000	0.80
4	83.263	23.368	6.000	0.80
5	104.016	23.368	6.000	0.80
6	124.704	23.368	6.000	0.80
7	145.431	23.368	6.000	0.80
8	165.740	23.368	6.000	0.80
9	154.162	41.173	6.000	0.80
10	134.260	41.173	6.000	0.80
11	114.162	41.173	6.000	0.80
12	94.162	41.173	6.000	0.80
13	74.167	41.173	6.000	0.80
14	54.288	41.173	6.000	0.80
15	36.726	41.173	6.000	0.80
16	94.162	40.300	6.000	0.80
17	114.162	40.300	6.000	0.80
18	74.167	40.300	6.000	0.80
19	134.260	40.300	6.000	0.80
20	54.288	40.300	6.000	0.80
21	154.162	40.300	6.000	0.80
22	36.726	40.300	6.000	0.80
23	54.565	58.510	6.000	0.80
24	54.565	59.384	6.000	0.80
25	73.186	58.510	6.000	0.80
26	73.186	59.384	6.000	0.80
27	91.666	58.510	6.000	0.80
28	91.666	59.384	6.000	0.80
29	110.133	58.510	6.000	0.80
30	110.133	59.384	6.000	0.80
31	128.691	58.510	6.000	0.80
32	128.691	59.384	6.000	0.80
33	147.137	58.510	6.000	0.80
34	147.137	59.384	6.000	0.80

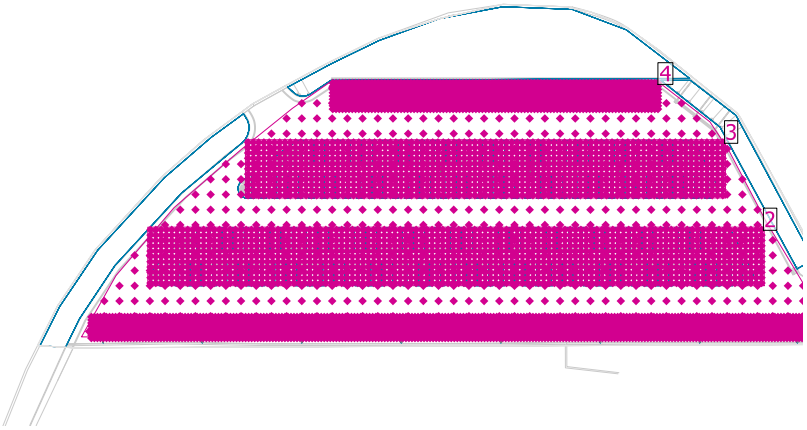
No.	X [m]	Y [m]	Mounting height [m]	Light loss factor
35	69.023	77.173	6.000	0.80
36	82.583	77.173	6.000	0.80
37	96.087	77.173	6.000	0.80
38	109.593	77.173	6.000	0.80
39	123.140	77.173	6.000	0.80
40	136.479	77.173	6.000	0.80

Site 1

Quantity	Luminaire (Luminous emittance)		
40	LED - 30W Solar Light Luminous emittance 1 Fitting: 1x Light output ratio: 99.99% Lamp luminous flux: 5269 lm Luminaire luminous flux: 5268 lm Power: 30.0 W Luminous efficacy: 175.6 lm/W Colorimetric data 1x: CCT 3000 K, CRI 100	See our luminaire catalog for an image of the luminaire.	

Total lamp luminous flux: 210760 lm, Total luminaire luminous flux: 210720 lm, Total Load: 1200.0 W, Luminous efficacy: 175.6 lm/W

Site 1

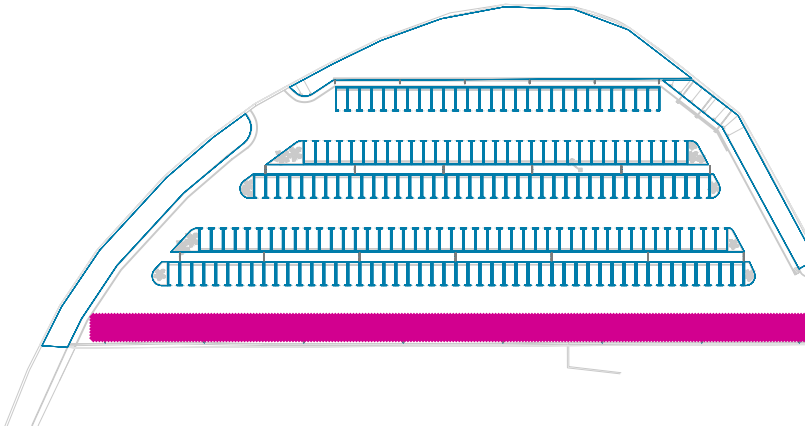


Light loss factor: 0.80

General

	Surface	Result	Average (Target)	Min	Max	Min/average	Min/max
1	Calculation surface 1	Perpendicular illuminance [lx] Height: 0.100 m	22.5	9.88	44.0	0.44	0.22
2	Calculation surface 2	Perpendicular illuminance [lx] Height: 0.100 m	30.1	9.77	77.6	0.32	0.13
3	Calculation surface 3	Perpendicular illuminance [lx] Height: 0.100 m	32.2	12.1	78.1	0.38	0.15
4	Calculation surface 4	Perpendicular illuminance [lx] Height: 0.100 m	31.3	14.7	48.7	0.47	0.30
5	Calculation surface 5	Perpendicular illuminance [lx] Height: 0.100 m	21.9	2.99	76.0	0.14	0.039

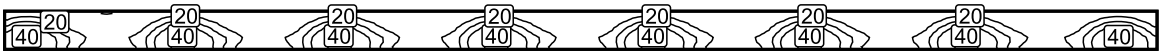
Calculation surface 1 / Perpendicular illuminance



Light loss factor: 0.80

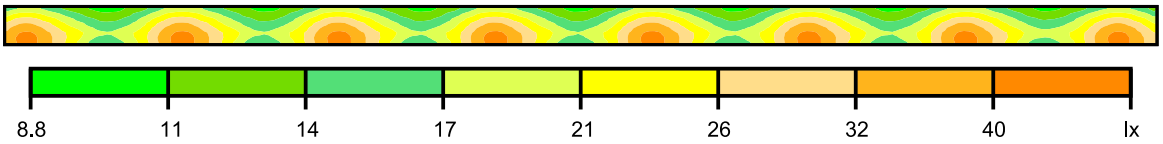
Calculation surface 1: Perpendicular illuminance (Grid)
Light scene: Light scene 1
Average: 22.5 lx, Min: 9.88 lx, Max: 44.0 lx, Min/average: 0.44, Min/max: 0.22
Height: 0.100 m

Isolines [lx]



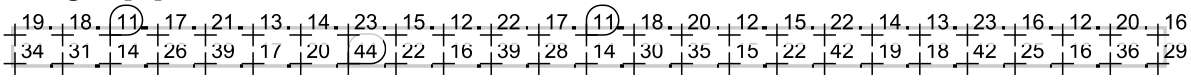
Scale: 1 : 1000

False colors [lx]



Scale: 1 : 1000

Value grid [lx]



Scale: 1 : 1000

Value chart [lx]

m	-75.898	-75.268	-74.638	-74.008	-73.378	-72.748	-72.119	-71.489	-70.859	-70.229	-69.599	-68.969	-68.339	-67.710	-67.080
2.209	15.1	16.0	16.6	17.4	17.4	17.5	17.1	16.8	16.2	15.4	14.7	13.9	13.3	12.7	12.2
1.578	18.9	20.1	21.0	21.9	22.0	22.0	21.5	20.7	19.8	18.8	17.9	16.8	16.0	15.2	14.5
0.947	22.8	24.5	26.0	26.8	27.1	26.9	26.1	25.0	23.7	22.5	21.2	20.0	18.7	17.5	16.6
0.316	26.9	28.9	30.7	31.8	32.2	31.9	30.9	29.3	27.7	26.2	24.5	22.7	21.2	19.9	18.8
-0.316	30.5	33.0	35.1	36.6	37.1	36.6	35.4	33.4	31.2	29.3	27.4	25.5	23.7	22.4	21.2
-0.947	33.3	36.1	38.6	40.3	41.0	40.7	39.2	36.9	34.4	32.4	30.3	28.2	26.4	25.1	23.7
-1.578	34.6	37.6	40.4	42.4	43.2	42.8	41.1	38.5	35.8	33.7	31.3	29.0	27.0	25.3	23.7
-2.209	34.2	37.3	40.0	42.1	43.0	42.8	41.1	38.6	36.2	33.8	31.0	28.6	26.4	24.3	22.3

m	-66.450	-65.820	-65.190	-64.560	-63.930	-63.301	-62.671	-62.041	-61.411	-60.781	-60.151	-59.521	-58.892	-58.262	-57.632
2.209	11.8	11.4	10.9	10.6	10.3	9.97	**9.88**	10.0	10.1	10.4	10.9	11.4	11.9	12.4	13.0
1.578	13.7	13.1	12.4	12.0	11.7	11.3	11.2	11.3	11.4	11.8	12.4	13.0	13.9	14.6	15.5

m	-66.450	-65.820	-65.190	-64.560	-63.930	-63.301	-62.671	-62.041	-61.411	-60.781	-60.151	-59.521	-58.892	-58.262	-57.632
0.947	15.7	15.0	14.1	13.6	13.1	12.7	12.6	12.7	12.9	13.3	14.0	14.6	15.6	16.7	18.1
0.316	17.8	16.9	15.9	15.2	14.6	14.2	14.1	14.2	14.4	15.0	15.7	16.4	17.4	18.6	20.2
-0.316	20.1	18.9	17.7	16.9	16.1	15.7	15.6	15.6	16.1	16.6	17.5	18.2	19.2	20.5	22.2
-0.947	22.5	20.9	19.6	18.4	17.5	17.2	16.9	17.0	17.8	18.4	19.4	20.2	21.2	22.5	24.2
-1.578	22.1	20.2	18.8	17.3	16.4	16.1	15.9	16.0	16.8	17.7	18.7	19.9	21.0	22.5	24.4
-2.209	20.3	18.4	16.9	15.3	14.4	14.0	14.0	14.2	14.9	16.0	17.0	18.5	19.9	21.6	23.7

m	-57.002	-56.372	-55.742	-55.112	-54.483	-53.853	-53.223	-52.593	-51.963	-51.333	-50.703	-50.074	-49.444	-48.814	-48.184
2.209	13.8	14.9	15.8	16.8	17.4	18.1	18.6	18.6	18.5	17.9	17.4	16.7	16.0	15.2	14.4
1.578	16.5	17.8	19.2	20.4	21.5	22.2	22.9	22.9	22.7	22.1	21.2	20.3	19.2	18.2	17.2
0.947	19.5	21.0	22.7	24.4	25.9	27.1	27.8	27.9	27.3	26.6	25.3	23.9	22.7	21.5	20.3
0.316	22.1	24.2	26.4	28.5	30.3	31.8	32.8	32.9	32.4	31.1	29.5	27.8	26.3	24.5	22.9
-0.316	24.4	26.9	29.4	32.0	34.4	36.3	37.3	37.7	37.0	35.5	33.4	31.1	29.3	27.4	25.5
-0.947	26.6	29.4	32.1	34.8	37.4	39.6	41.3	41.5	40.9	39.1	36.6	34.1	32.3	30.2	28.2
-1.578	27.0	30.1	33.0	36.0	38.9	41.6	43.3	43.8	42.9	41.1	38.2	35.6	33.5	31.0	28.8
-2.209	26.4	29.4	32.6	35.6	38.6	41.1	42.9	43.5	42.9	41.0	38.6	36.0	33.5	30.8	28.3

m	-47.554	-46.924	-46.294	-45.665	-45.035	-44.405	-43.775	-43.145	-42.515	-41.885	-41.256	-40.626	-39.996	-39.366	-38.736
2.209	13.8	13.3	12.8	12.3	11.8	11.3	10.9	10.5	10.2	10.2	10.3	10.3	10.7	11.1	11.6
1.578	16.3	15.5	14.8	14.1	13.3	12.7	12.3	11.9	11.5	11.4	11.5	11.7	12.0	12.6	13.3
0.947	18.9	17.7	16.7	15.9	15.0	14.2	13.8	13.2	12.8	12.8	12.9	13.0	13.5	14.1	14.9
0.316	21.2	20.0	18.9	17.9	16.8	15.9	15.3	14.7	14.3	14.2	14.3	14.5	15.1	15.8	16.6
-0.316	23.7	22.4	21.2	20.0	18.8	17.7	16.8	16.1	15.8	15.6	15.7	16.1	16.7	17.6	18.4
-0.947	26.4	25.0	23.6	22.4	20.7	19.4	18.2	17.4	17.2	16.9	17.1	17.8	18.5	19.5	20.4
-1.578	26.8	25.1	23.4	21.8	20.0	18.6	17.1	16.3	16.0	15.9	16.1	16.9	17.8	18.9	20.1
-2.209	26.1	24.0	22.1	20.0	18.1	16.5	15.1	14.3	13.9	14.0	14.2	14.9	16.1	17.2	18.7

m	-38.106	-37.476	-36.847	-36.217	-35.587	-34.957	-34.327	-33.697	-33.067	-32.438	-31.808	-31.178	-30.548	-29.918	-29.288
2.209	12.1	12.7	13.3	14.1	15.1	16.0	16.9	17.5	18.1	18.5	18.5	18.4	17.8	17.3	16.7
1.578	14.1	14.9	15.8	16.8	18.0	19.4	20.6	21.7	22.3	22.9	22.9	22.5	22.0	21.1	20.2
0.947	15.8	17.0	18.4	19.7	21.3	22.9	24.5	26.0	27.1	27.9	27.9	27.3	26.4	25.2	23.8
0.316	17.6	18.9	20.5	22.4	24.6	26.7	28.6	30.5	32.1	32.9	33.0	32.3	30.9	29.3	27.6
-0.316	19.4	20.7	22.5	24.6	27.2	29.7	32.3	34.6	36.5	37.5	37.6	36.9	35.4	33.3	30.9
-0.947	21.4	22.7	24.5	26.9	29.6	32.3	35.0	37.7	39.9	41.4	41.6	40.9	39.0	36.4	33.9
-1.578	21.3	22.8	24.7	27.3	30.3	33.3	36.3	39.2	41.9	**44.0**	**44.0**	42.8	40.8	38.0	35.4
-2.209	20.1	21.8	24.0	26.8	29.9	32.9	36.0	38.8	41.4	43.3	43.6	42.7	40.7	38.2	35.8

m	-28.658	-28.029	-27.399	-26.769	-26.139	-25.509	-24.879	-24.249	-23.620	-22.990	-22.360	-21.730	-21.100	-20.470	-19.840
2.209	16.0	15.2	14.5	13.9	13.3	12.8	12.3	11.7	11.2	10.9	10.5	10.2	10.1	10.3	10.3
1.578	19.1	18.2	17.2	16.3	15.6	14.7	14.0	13.3	12.7	12.3	11.8	11.5	11.4	11.5	11.6
0.947	22.6	21.4	20.2	18.8	17.7	16.7	15.9	15.0	14.2	13.7	13.2	12.8	12.8	13.0	13.1
0.316	26.2	24.4	22.6	21.2	20.0	18.8	17.8	16.8	15.9	15.3	14.7	14.3	14.2	14.4	14.6
-0.316	29.2	27.1	25.3	23.7	22.4	21.1	20.0	18.8	17.6	16.8	16.1	15.8	15.6	15.8	16.3
-0.947	32.2	29.9	28.0	26.4	24.9	23.5	22.3	20.7	19.4	18.1	17.4	17.3	16.9	17.2	17.9
-1.578	33.3	30.8	28.6	26.7	25.0	23.3	21.6	19.9	18.5	17.1	16.3	16.1	15.9	16.2	17.1
-2.209	33.2	30.6	28.1	25.9	23.9	22.0	19.9	18.1	16.4	15.1	14.4	14.0	14.0	14.3	15.1

m	-19.211	-18.581	-17.951	-17.321	-16.691	-16.061	-15.431	-14.802	-14.172	-13.542	-12.912	-12.282	-11.652	-11.022	-10.393	-9.763
2.209	10.7	11.2	11.6	12.2	12.7	13.4	14.2	15.2	16.1	16.9	17.6	18.2	18.5	18.5	18.2	17.9
1.578	12.1	12.7	13.4	14.3	15.0	15.9	17.0	18.2	19.5	20.7	21.8	22.5	22.9	22.8	22.4	21.9
0.947	13.6	14.2	15.0	16.0	17.1	18.6	19.9	21.5	23.0	24.8	26.2	27.2	27.8	27.9	27.2	26.2
0.316	15.2	15.9	16.7	17.7	19.0	20.8	22.6	24.8	26.9	28.8	30.6	32.2	33.0	32.8	32.2	30.8
-0.316	16.9	17.8	18.5	19.6	20.9	22.8	24.9	27.5	30.0	32.6	34.9	36.6	37.6	37.7	36.8	35.2

m	-19.211	-18.581	-17.951	-17.321	-16.691	-16.061	-15.431	-14.802	-14.172	-13.542	-12.912	-12.282	-11.652	-11.022	-10.393	-9.763
-0.947	18.6	19.6	20.6	21.5	22.9	24.8	27.2	30.1	32.7	35.4	38.0	40.1	41.4	41.6	40.6	38.7
-1.578	17.9	19.1	20.3	21.4	23.0	25.0	27.7	30.6	33.6	36.7	39.5	42.2	43.6	43.8	42.7	40.5
-2.209	16.2	17.4	18.9	20.3	22.1	24.2	27.1	30.2	33.3	36.3	39.2	41.6	43.2	43.5	42.6	40.4

m	-9.133	-8.503	-7.873	-7.243	-6.613	-5.984	-5.354	-4.724	-4.094	-3.464	-2.834	-2.204	-1.575	-0.945	-0.315	0.315	0.945	1.575
2.209	17.4	16.7	16.0	15.2	14.4	13.8	13.3	12.6	12.2	11.6	11.1	10.8	10.4	10.1	10.1	10.2	10.4	10.8
1.578	21.0	20.1	19.1	18.0	17.0	16.2	15.5	14.6	13.9	13.2	12.6	12.2	11.7	11.3	11.4	11.5	11.7	12.1
0.947	25.0	23.7	22.5	21.3	20.0	18.7	17.6	16.6	15.7	14.8	14.1	13.7	13.1	12.7	12.7	12.9	13.1	13.6
0.316	29.2	27.5	26.0	24.2	22.5	21.0	19.8	18.7	17.8	16.7	15.8	15.1	14.5	14.2	14.2	14.3	14.6	15.1
-0.316	33.0	30.7	29.0	27.0	25.1	23.5	22.2	20.9	19.9	18.5	17.5	16.6	16.0	15.7	15.5	15.8	16.3	16.8
-0.947	36.2	33.7	31.9	29.7	27.8	26.2	24.7	23.4	22.1	20.4	19.2	18.0	17.3	17.1	16.8	17.2	17.9	18.6
-1.578	37.7	35.2	33.0	30.5	28.4	26.5	24.8	23.2	21.4	19.7	18.2	16.9	16.2	15.9	15.8	16.2	17.1	18.0
-2.209	37.9	35.6	32.9	30.2	27.8	25.7	23.6	21.7	19.6	17.8	16.2	14.9	14.3	13.8	14.0	14.3	15.1	16.2

m	2.204	2.834	3.464	4.094	4.724	5.354	5.984	6.613	7.243	7.873	8.503	9.133	9.763	10.393	11.022	11.652	12.282	12.912	13.542
2.209	11.2	11.7	12.2	12.7	13.5	14.3	15.2	16.2	17.0	17.7	18.2	18.4	18.5	18.3	17.9	17.4	16.7	15.9	15.1
1.578	12.7	13.4	14.3	15.0	15.9	17.1	18.3	19.6	20.7	21.8	22.5	22.9	23.0	22.5	21.9	21.0	20.1	19.0	18.0
0.947	14.2	15.0	16.0	17.2	18.7	20.0	21.7	23.2	24.9	26.2	27.1	27.9	27.8	27.2	26.2	25.0	23.8	22.4	21.3
0.316	15.9	16.7	17.7	19.1	20.8	22.8	24.8	26.9	28.9	30.8	32.1	32.9	32.9	32.1	30.7	29.0	27.5	25.9	24.3
-0.316	17.7	18.6	19.6	21.0	22.8	25.1	27.7	30.1	32.7	35.0	36.6	37.7	37.6	36.7	35.1	32.9	30.7	28.9	26.9
-0.947	19.7	20.6	21.5	22.9	25.0	27.4	30.1	32.8	35.6	38.1	40.4	41.5	41.6	40.6	38.6	36.1	33.6	31.8	29.6
-1.578	19.1	20.3	21.5	23.1	25.1	27.8	30.8	33.7	36.8	39.7	42.3	43.7	43.8	42.7	40.3	37.6	35.2	32.9	30.4
-2.209	17.4	18.9	20.4	22.1	24.4	27.2	30.3	33.5	36.4	39.4	41.7	43.3	43.5	42.6	40.4	37.7	35.4	32.8	30.2

m	14.172	14.802	15.431	16.061	16.691	17.321	17.951	18.581	19.211	19.840	20.470	21.100	21.730	22.360	22.990	23.620	24.249
2.209	14.4	13.8	13.2	12.7	12.2	11.6	11.1	10.9	10.4	10.1	10.2	10.3	10.5	10.9	11.3	11.7	12.3
1.578	17.1	16.2	15.4	14.6	13.9	13.2	12.5	12.2	11.7	11.4	11.5	11.6	11.8	12.2	12.9	13.6	14.4
0.947	20.0	18.6	17.5	16.6	15.8	14.9	14.1	13.7	13.1	12.8	12.9	13.1	13.3	13.8	14.4	15.2	16.1
0.316	22.4	21.0	19.8	18.7	17.8	16.7	15.8	15.2	14.6	14.3	14.3	14.5	14.8	15.4	16.1	16.9	18.0
-0.316	25.1	23.5	22.2	21.0	19.9	18.5	17.5	16.7	16.1	15.8	15.7	16.0	16.4	17.1	17.9	18.7	19.8
-0.947	27.7	26.2	24.7	23.3	22.1	20.4	19.3	18.0	17.4	17.3	17.0	17.4	18.1	18.9	19.8	20.7	21.8
-1.578	28.2	26.5	24.7	23.1	21.4	19.7	18.3	16.9	16.3	16.1	16.0	16.4	17.3	18.2	19.4	20.5	21.7
-2.209	27.7	25.6	23.5	21.7	19.5	17.8	16.2	15.0	14.4	14.0	14.1	14.5	15.4	16.5	17.7	19.2	20.6

m	24.879	25.509	26.139	26.769	27.399	28.029	28.658	29.288	29.918	30.548	31.178	31.808	32.438	33.067	33.697	34.327	34.957
2.209	12.8	13.6	14.5	15.3	16.3	17.1	17.6	18.2	18.4	18.5	18.2	17.9	17.3	16.6	15.9	15.0	14.2
1.578	15.2	16.0	17.2	18.3	19.7	20.9	21.7	22.5	22.8	22.9	22.4	21.9	20.9	19.9	18.8	17.8	16.8
0.947	17.4	18.8	20.3	21.8	23.4	25.0	26.4	27.3	27.7	27.8	27.1	26.0	24.7	23.5	22.3	21.0	19.6
0.316	19.3	21.1	23.1	25.2	27.4	29.1	31.0	32.4	33.0	32.7	31.9	30.5	28.9	27.3	25.7	23.9	22.2
-0.316	21.2	23.2	25.4	28.0	30.5	33.1	35.3	36.9	37.8	37.5	36.7	34.7	32.7	30.3	28.5	26.5	24.7
-0.947	23.2	25.2	27.8	30.6	33.2	36.0	38.4	40.5	41.5	41.4	40.3	38.2	35.7	33.4	31.5	29.2	27.4
-1.578	23.4	25.5	28.3	31.3	34.3	37.4	40.1	42.5	43.6	43.6	42.3	39.9	37.2	34.7	32.5	30.1	27.9
-2.209	22.5	24.8	27.7	30.8	33.9	36.9	39.9	42.0	43.4	43.3	42.2	39.9	37.3	35.0	32.4	29.8	27.4

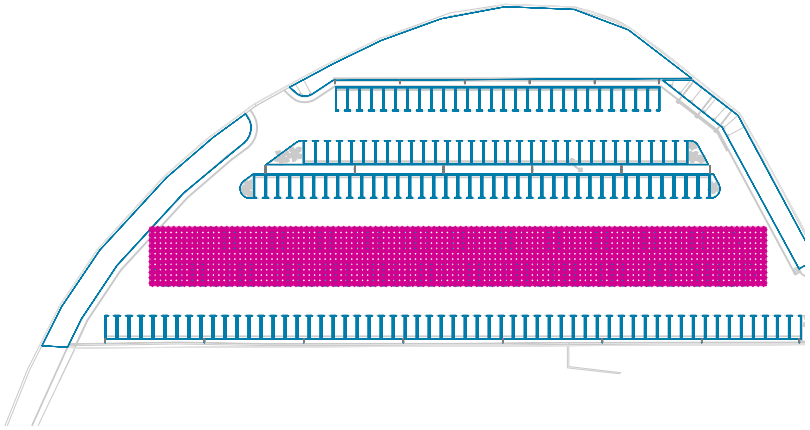
m	35.587	36.217	36.847	37.476	38.106	38.736	39.366	39.996	40.626	41.256	41.885	42.515	43.145	43.775	44.405	45.035	45.665
2.209	13.5	13.1	12.5	12.1	11.5	11.0	10.7	10.3	10.1	10.2	10.2	10.4	10.9	11.3	11.7	12.3	12.9
1.578	16.0	15.3	14.5	13.8	13.0	12.4	12.0	11.6	11.4	11.4	11.5	11.8	12.3	12.8	13.6	14.5	15.2
0.947	18.4	17.3	16.4	15.6	14.7	14.0	13.5	13.0	12.7	12.8	13.0	13.2	13.8	14.3	15.2	16.3	17.5
0.316	20.7	19.6	18.5	17.6	16.4	15.6	15.0	14.5	14.2	14.2	14.4	14.7	15.4	16.1	17.0	18.0	19.4
-0.316	23.2	21.9	20.8	19.7	18.3	17.3	16.4	16.0	15.7	15.6	15.9	16.4	17.1	17.9	18.7	19.9	21.2
-0.947	25.8	24.4	23.1	21.7	20.2	19.0	17.7	17.2	17.1	16.9	17.4	18.0	18.9	19.8	20.7	21.8	23.2
-1.578	26.2	24.4	22.9	21.0	19.4	17.9	16.7	16.1	16.0	15.9	16.4	17.4	18.2	19.4	20.5	21.8	23.4
-2.209	25.3	23.2	21.3	19.2	17.6	15.9	14.8	14.2	13.9	14.0	14.5	15.4	16.5	17.8	19.3	20.7	22.6

m	46.294	46.924	47.554	48.184	48.814	49.444	50.074	50.703	51.333	51.963	52.593	53.223	53.853	54.483	55.112	55.742	56.372
2.209	13.6	14.4	15.4	16.3	17.0	17.5	18.2	18.3	18.6	18.2	17.8	17.2	16.5	15.7	14.9	14.2	13.6
1.578	16.1	17.3	18.5	19.7	20.8	21.7	22.5	22.8	23.0	22.3	21.8	20.8	19.9	18.8	17.7	16.8	16.0
0.947	18.9	20.4	21.9	23.4	25.0	26.5	27.4	27.8	27.8	27.1	25.9	24.6	23.4	22.1	21.0	19.6	18.4
0.316	21.2	23.3	25.4	27.4	29.3	31.1	32.4	33.0	32.8	31.9	30.3	28.6	27.1	25.5	23.8	22.1	20.7
-0.316	23.3	25.7	28.2	30.8	33.5	35.3	37.0	37.7	37.4	36.3	34.5	32.3	30.2	28.4	26.4	24.7	23.3
-0.947	25.4	28.0	30.8	33.5	36.2	38.6	40.7	41.7	41.4	40.1	38.0	35.5	33.2	31.3	29.2	27.3	25.9
-1.578	25.7	28.5	31.5	34.5	37.5	40.4	42.7	43.8	43.6	42.1	39.7	37.0	34.5	32.4	29.9	27.8	26.3
-2.209	25.0	27.9	31.1	34.2	37.2	39.9	42.2	43.4	43.3	42.0	39.6	37.2	34.8	32.1	29.6	27.3	25.2

m	57.002	57.632	58.262	58.892	59.521	60.151	60.781	61.411	62.041	62.671	63.301	63.930	64.560	65.190	65.820	66.450	67.080
2.209	13.1	12.5	12.1	11.4	11.0	10.7	10.3	10.2	10.3	10.4	10.7	11.0	11.3	11.8	12.3	12.9	13.7
1.578	15.3	14.5	13.8	13.0	12.5	12.1	11.7	11.6	11.7	11.8	12.1	12.6	13.2	14.0	14.7	15.5	16.6
0.947	17.4	16.4	15.7	14.8	14.2	13.7	13.2	13.1	13.3	13.3	13.7	14.2	14.9	15.8	17.0	18.3	19.7
0.316	19.7	18.6	17.7	16.6	15.9	15.4	14.8	14.7	14.8	14.9	15.4	16.0	16.7	17.6	18.9	20.5	22.5
-0.316	22.0	20.9	19.8	18.5	17.7	16.9	16.4	16.3	16.3	16.6	17.1	17.9	18.6	19.6	20.8	22.6	24.8
-0.947	24.5	23.3	21.9	20.5	19.4	18.4	18.0	17.8	17.9	18.4	19.0	19.9	20.7	21.6	22.8	24.8	27.2
-1.578	24.5	23.0	21.2	19.7	18.3	17.3	17.0	16.7	16.8	17.6	18.3	19.3	20.4	21.5	23.1	25.0	27.6
-2.209	23.2	21.3	19.3	17.8	16.2	15.2	14.8	14.7	14.8	15.5	16.6	17.6	19.0	20.3	22.1	24.3	27.1

m	67.710	68.339	68.969	69.599	70.229	70.859	71.489	72.119	72.748	73.378	74.008	74.638	75.268	75.898
2.209	14.5	15.4	16.1	16.7	17.4	17.6	17.6	17.3	16.7	16.2	15.3	14.3	13.3	12.4
1.578	17.6	19.0	20.1	21.0	21.7	22.1	22.0	21.5	20.9	19.8	18.7	17.5	16.3	15.1
0.947	21.1	22.7	24.3	25.6	26.6	27.0	27.0	26.3	25.4	23.9	22.5	21.1	19.6	18.1
0.316	24.6	26.5	28.5	30.3	31.5	32.3	32.1	31.2	29.8	28.0	26.3	24.6	22.6	20.6
-0.316	27.3	29.8	32.3	34.4	36.1	37.1	37.0	35.8	34.2	31.9	29.6	27.5	25.3	23.2
-0.947	29.8	32.5	35.2	37.7	39.8	41.0	41.0	39.7	37.8	35.1	32.6	30.6	28.1	26.0
-1.578	30.6	33.5	36.6	39.4	41.8	43.2	43.2	42.0	39.6	36.7	34.1	31.7	29.1	26.7
-2.209	30.1	33.2	36.2	39.1	41.3	42.9	43.0	41.9	39.6	37.1	34.5	31.8	29.0	26.4

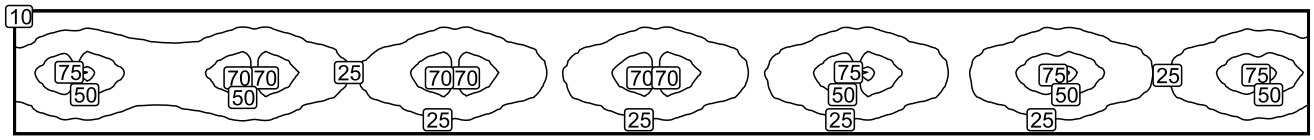
Calculation surface 2 / Perpendicular illuminance



Light loss factor: 0.80

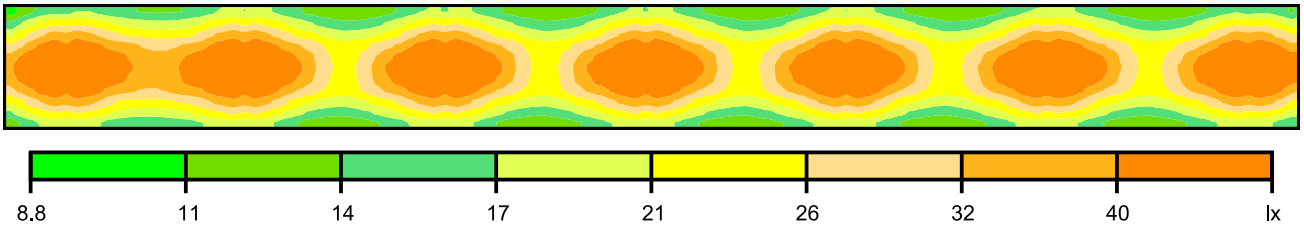
Calculation surface 2: Perpendicular illuminance (Grid)
Light scene: Light scene 1
Average: 30.1 lx, Min: 9.77 lx, Max: 77.6 lx, Min/average: 0.32, Min/max: 0.13
Height: 0.100 m

Isolines [lx]



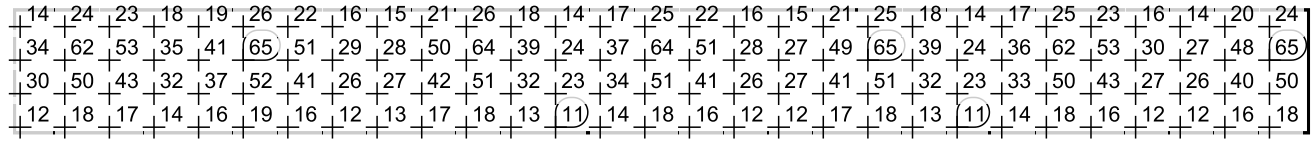
Scale: 1 : 750

False colors [lx]



Scale: 1 : 750

Value grid [lx]



Scale: 1 : 750

Value chart [lx]

m	-63.632	-62.525	-61.418	-60.312	-59.205	-58.098	-56.992	-55.885	-54.778	-53.672	-52.565	-51.459	-50.352	-49.245	-48.139
5.541	9.77	11.3	13.1	14.9	15.8	15.5	16.6	16.7	15.9	14.8	14.2	13.6	13.3	13.2	13.2
4.433	14.0	16.4	19.2	22.2	24.0	23.6	24.8	24.3	22.6	20.9	19.6	18.5	18.0	17.5	17.5
3.324	18.8	22.3	27.1	31.1	34.7	32.9	35.6	33.2	31.0	28.0	25.4	24.7	23.9	23.2	23.0
2.216	26.7	30.4	36.3	42.6	47.1	40.9	49.0	45.2	41.4	36.5	34.9	33.3	31.4	30.5	30.2
1.108	33.8	40.4	47.5	56.3	62.5	45.7	65.2	59.6	52.7	46.8	42.4	38.4	35.1	33.7	34.3

m	-63.632	-62.525	-61.418	-60.312	-59.205	-58.098	-56.992	-55.885	-54.778	-53.672	-52.565	-51.459	-50.352	-49.245	-48.139
0.000	37.7	46.7	54.9	64.5	72.7	77.2	75.1	68.6	59.9	52.8	46.0	40.2	36.6	34.8	36.0
-1.108	35.7	42.5	50.1	58.4	65.2	46.4	67.8	62.2	54.3	47.7	42.4	38.1	35.0	34.0	35.2
-2.216	30.3	34.1	39.4	45.1	49.9	42.0	51.3	47.9	43.1	37.4	35.1	33.4	31.9	31.8	32.7
-3.324	21.8	24.9	29.5	33.1	36.8	34.6	37.7	35.3	32.3	28.1	25.4	24.8	24.4	24.5	25.1
-4.433	16.4	19.0	21.8	24.3	26.3	25.6	26.6	25.8	23.6	21.4	19.8	18.9	18.5	18.7	19.1
-5.541	12.1	13.7	15.6	17.3	18.0	17.6	18.2	18.0	16.9	15.6	14.7	14.3	14.2	14.2	14.5

m	-47.032	-45.925	-44.819	-43.712	-42.605	-41.499	-40.392	-39.286	-38.179	-37.072	-35.966	-34.859	-33.752	-32.646	-31.539
5.541	13.3	13.8	14.5	15.8	17.0	17.3	16.7	17.3	17.3	16.1	14.7	13.6	12.8	12.1	11.4
4.433	17.7	18.6	20.0	22.1	24.2	25.6	24.5	25.5	24.2	22.2	20.1	18.3	16.7	15.6	14.7
3.324	23.5	24.0	26.5	30.3	33.3	36.2	33.6	36.1	32.9	30.2	26.4	23.5	21.9	20.1	18.7
2.216	31.5	33.0	34.9	40.2	45.1	48.9	41.6	49.0	44.4	39.8	34.6	32.2	29.3	26.0	23.6
1.108	37.0	40.7	45.4	51.3	59.2	64.6	45.0	64.5	58.4	50.8	44.2	38.8	33.7	28.5	25.3
0.000	39.3	44.9	51.8	58.8	67.6	74.7	42.4	74.4	66.9	57.8	50.0	41.9	35.0	29.6	25.8
-1.108	38.4	42.7	47.6	54.1	61.3	67.2	44.6	67.0	60.9	52.4	45.1	38.8	33.2	28.4	25.3
-2.216	34.9	36.9	38.8	43.1	47.5	51.7	42.6	51.1	47.0	41.2	35.3	32.0	29.0	26.1	24.0
-3.324	26.2	27.0	29.0	32.5	35.2	38.0	35.2	38.0	34.6	30.8	26.2	23.2	21.5	19.8	18.9
-4.433	19.8	20.8	22.3	24.1	26.0	27.3	26.1	27.1	25.3	22.7	20.0	17.9	16.2	15.3	14.8
-5.541	15.0	15.5	16.4	17.4	18.6	18.9	17.9	18.4	17.9	16.2	14.5	13.3	12.5	11.9	11.5

m	-30.432	-29.326	-28.219	-27.113	-26.006	-24.899	-23.793	-22.686	-21.579	-20.473	-19.366	-18.259	-17.153	-16.046	-14.940
5.541	11.0	11.1	11.5	12.0	12.8	13.9	15.4	16.6	17.1	16.5	17.4	17.2	16.0	14.8	13.6
4.433	14.0	14.2	14.7	15.6	17.1	19.0	21.4	23.8	25.3	24.4	25.5	24.1	22.1	20.0	18.2
3.324	17.8	18.1	18.9	20.4	21.9	25.1	29.4	32.7	35.7	33.4	35.7	32.7	29.9	26.2	23.4
2.216	22.3	23.1	24.9	27.5	30.3	33.1	39.1	44.4	48.6	41.4	48.6	44.1	39.5	34.5	32.1
1.108	24.5	25.1	28.0	32.6	37.8	43.5	50.3	58.5	64.3	44.6	64.0	58.0	50.5	44.0	38.5
0.000	24.5	25.8	29.6	34.9	41.9	49.9	57.8	67.1	74.4	42.4	74.0	66.5	57.4	49.7	41.5
-1.108	24.6	25.5	28.9	34.0	39.7	45.7	52.9	60.6	66.8	44.2	66.5	60.5	52.0	44.7	38.5
-2.216	23.2	24.5	27.2	30.7	34.0	36.7	41.8	46.7	51.2	42.2	50.7	46.6	40.8	35.0	31.8
-3.324	18.5	19.5	21.0	23.1	24.8	27.5	31.4	34.5	37.6	34.8	37.6	34.3	30.6	25.9	23.0
-4.433	14.7	15.4	16.3	17.5	19.1	21.1	23.4	25.4	26.9	25.7	26.8	25.0	22.4	19.9	17.7
-5.541	11.5	12.0	12.7	13.4	14.3	15.4	16.9	18.0	18.2	17.7	18.2	17.6	16.1	14.4	13.2

m	-13.833	-12.726	-11.620	-10.513	-9.406	-8.300	-7.193	-6.086	-4.980	-3.873	-2.767	-1.660	-0.553	0.553	1.660	2.767	3.873	4.980
5.541	12.7	12.0	11.4	11.0	11.1	11.5	11.9	12.7	13.8	15.2	16.5	17.2	16.6	17.4	17.2	16.1	14.7	13.5
4.433	16.6	15.5	14.6	13.9	14.1	14.6	15.5	17.0	18.8	21.2	23.7	25.3	24.5	25.6	24.3	22.3	20.1	18.3
3.324	21.8	19.9	18.6	17.6	17.9	18.7	20.3	21.8	24.9	29.2	32.5	35.8	33.5	35.9	32.8	30.1	26.4	23.6
2.216	29.1	25.8	23.3	22.0	22.7	24.5	27.3	30.1	32.9	38.6	44.2	48.4	41.4	48.8	44.5	39.8	34.6	32.2
1.108	33.3	28.2	25.0	24.1	24.7	27.6	32.2	37.3	43.1	49.8	58.0	63.9	44.6	64.5	58.6	51.0	44.4	38.9
0.000	34.6	29.2	25.4	24.1	25.4	29.0	34.3	41.3	49.4	57.2	66.5	74.0	42.2	74.4	67.2	58.0	50.2	42.1
-1.108	32.9	28.0	24.9	24.2	25.0	28.4	33.6	39.2	45.2	52.4	60.1	66.3	44.4	67.0	61.0	52.6	45.2	38.9
-2.216	28.8	25.8	23.7	22.9	24.1	26.7	30.3	33.7	36.5	41.4	46.4	50.9	42.3	51.0	46.9	41.2	35.2	32.0
-3.324	21.4	19.6	18.6	18.3	19.3	20.7	22.8	24.7	27.2	31.2	34.3	37.6	34.9	37.5	34.5	30.9	26.3	23.1
-4.433	16.1	15.1	14.6	14.4	15.2	16.2	17.3	18.9	21.0	23.2	25.2	26.9	25.7	26.8	25.2	22.7	20.0	17.8
-5.541	12.4	11.8	11.4	11.4	11.9	12.6	13.3	14.2	15.4	16.8	18.1	18.3	17.7	18.2	17.6	16.2	14.6	13.3

m	6.086	7.193	8.300	9.406	10.513	11.620	12.726	13.833	14.940	16.046	17.153	18.259	19.366	20.473	21.579	22.686	23.793
5.541	12.7	12.1	11.6	11.1	11.1	11.4	11.9	12.7	13.6	15.1	16.5	17.1	16.7	17.4	17.3	16.2	14.6
4.433	16.7	15.6	14.7	13.9	14.0	14.6	15.4	16.9	18.8	21.1	23.5	25.2	24.5	25.4	24.3	22.3	20.2
3.324	22.0	20.1	18.6	17.6	17.9	18.7	20.2	21.7	24.5	28.8	32.3	35.7	33.4	35.7	33.0	30.3	26.7
2.216	29.3	26.0	23.5	22.0	22.6	24.4	27.1	29.9	32.7	38.1	43.8	48.0	41.4	49.0	44.7	40.2	34.8
1.108	33.7	28.5	25.2	24.1	24.6	27.3	31.9	36.8	42.6	49.2	57.5	63.3	44.4	64.8	58.9	51.5	44.9

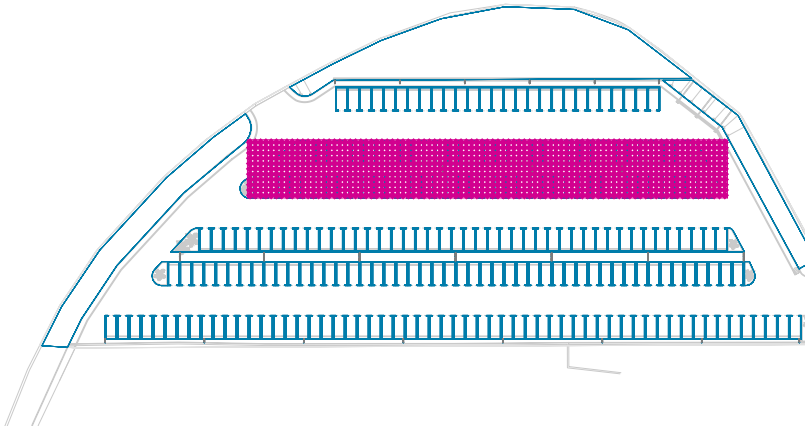
m	6.086	7.193	8.300	9.406	10.513	11.620	12.726	13.833	14.940	16.046	17.153	18.259	19.366	20.473	21.579	22.686	23.793
0.000	35.1	29.6	25.6	24.1	25.2	28.7	33.9	40.8	48.8	56.6	65.7	73.6	77.6	74.8	67.8	58.7	50.7
-1.108	33.2	28.3	25.1	24.2	24.9	28.1	33.2	38.8	44.7	51.7	59.5	65.9	44.4	67.5	61.5	53.1	45.7
-2.216	29.0	26.0	23.8	22.8	23.9	26.5	30.2	33.4	36.3	41.0	46.1	50.6	42.2	51.1	47.2	41.7	35.3
-3.324	21.5	19.8	18.7	18.2	19.2	20.6	22.7	24.6	26.9	30.9	34.1	37.4	34.9	37.7	34.7	31.2	26.5
-4.433	16.2	15.3	14.6	14.4	15.2	16.1	17.2	18.8	20.7	23.0	25.2	26.7	25.7	26.6	25.4	22.8	20.2
-5.541	12.4	11.9	11.4	11.3	11.9	12.5	13.2	14.2	15.2	16.7	18.1	18.4	17.7	18.1	17.8	16.2	14.6

m	24.899	26.006	27.113	28.219	29.326	30.432	31.539	32.646	33.752	34.859	35.966	37.072	38.179	39.286	40.392	41.499	42.605
5.541	13.6	12.8	12.1	11.6	11.0	11.0	11.3	11.7	12.4	13.4	14.7	16.3	16.9	16.7	17.2	17.3	16.1
4.433	18.3	16.8	15.6	14.6	13.8	13.9	14.3	15.2	16.5	18.3	20.6	23.0	25.1	24.4	25.1	24.6	22.6
3.324	23.6	22.0	20.2	18.5	17.5	17.6	18.3	19.8	21.4	23.8	28.1	31.8	35.3	33.5	35.5	33.5	30.7
2.216	32.2	29.4	26.1	23.3	21.7	22.2	23.9	26.6	29.3	32.1	36.9	43.0	47.0	42.7	48.9	45.3	40.9
1.108	39.3	33.9	28.6	25.1	23.7	24.1	26.7	30.9	35.9	41.4	48.0	56.1	62.5	59.2	65.7	60.1	52.7
0.000	42.7	35.4	29.8	25.5	23.8	24.7	27.6	32.8	39.5	47.5	55.2	64.2	72.6	77.5	75.4	69.2	60.0
-1.108	39.2	33.4	28.4	25.0	23.7	24.2	27.3	32.1	37.7	43.6	50.4	58.1	65.0	62.5	68.3	62.6	54.3
-2.216	32.1	29.0	26.0	23.7	22.6	23.3	25.8	29.5	32.9	35.8	39.8	45.3	49.8	44.3	51.1	47.7	42.7
-3.324	23.2	21.5	19.8	18.5	18.0	18.8	20.1	22.3	24.2	26.3	30.2	33.6	36.9	35.2	37.2	35.3	31.9
-4.433	17.9	16.2	15.2	14.5	14.2	14.9	15.7	17.0	18.5	20.4	22.6	24.8	26.8	25.8	26.5	25.7	23.3
-5.541	13.3	12.4	11.8	11.4	11.2	11.7	12.3	13.0	13.9	15.0	16.5	17.9	18.5	17.8	18.0	17.9	16.5

m	43.712	44.819	45.925	47.032	48.139	49.245	50.352	51.459	52.565	53.672	54.778	55.885	56.992	58.098	59.205	60.312	61.418
5.541	14.8	13.7	13.0	12.3	11.6	11.1	10.9	11.1	11.4	12.1	13.1	14.3	15.6	16.3	15.7	16.1	16.0
4.433	20.6	18.6	17.0	15.9	14.8	14.0	13.9	14.3	15.0	16.3	18.0	20.3	22.6	24.5	23.7	24.2	23.5
3.324	27.3	23.9	22.3	20.5	18.8	17.8	17.8	18.3	19.8	21.2	23.6	27.8	31.4	34.7	32.7	34.7	32.4
2.216	35.4	32.7	30.0	26.8	24.0	22.2	22.5	24.0	26.6	29.3	32.0	36.8	42.7	46.9	41.8	48.1	44.2
1.108	45.8	40.2	34.8	29.5	25.9	24.3	24.5	26.9	31.0	35.9	41.4	47.9	55.9	62.2	56.9	64.9	58.9
0.000	52.0	44.1	36.8	30.8	26.3	24.5	25.1	28.0	33.0	39.6	47.6	55.2	64.1	72.4	77.0	74.6	68.2
-1.108	46.7	40.2	34.4	29.3	25.9	24.3	24.7	27.7	32.3	37.8	43.6	50.4	58.1	64.8	60.8	67.6	61.7
-2.216	36.0	32.7	29.7	26.8	24.4	23.1	23.7	26.1	29.6	32.9	35.7	39.9	45.2	49.5	43.5	50.3	46.8
-3.324	27.2	23.4	21.8	20.2	18.8	18.4	19.1	20.3	22.4	24.2	26.3	30.1	33.4	36.6	34.5	36.7	34.5
-4.433	20.6	18.3	16.4	15.5	14.7	14.5	15.1	15.9	17.0	18.4	20.3	22.5	24.6	26.5	25.4	25.8	24.8
-5.541	14.9	13.5	12.6	11.9	11.5	11.4	11.7	12.3	13.0	13.9	14.9	16.3	17.7	18.2	17.4	17.5	17.0

m	62.525	63.632
5.541	14.6	13.0
4.433	21.2	18.6
3.324	29.3	25.4
2.216	39.4	33.4
1.108	51.3	43.9
0.000	58.6	50.1
-1.108	53.0	45.0
-2.216	41.4	34.2
-3.324	30.7	25.6
-4.433	22.1	19.1
-5.541	15.5	13.6

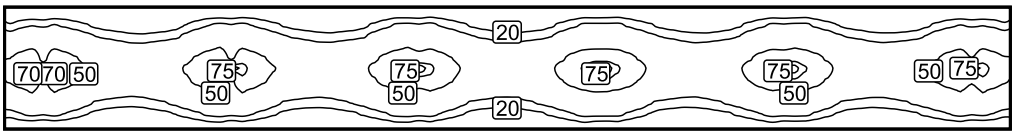
Calculation surface 3 / Perpendicular illuminance



Light loss factor: 0.80

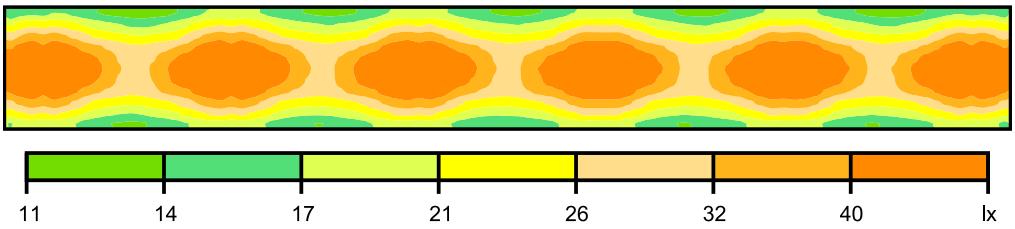
Calculation surface 3: Perpendicular illuminance (Grid)
Light scene: Light scene 1
Average: 32.2 lx, Min: 12.1 lx, Max: 78.1 lx, Min/average: 0.38, Min/max: 0.15
Height: 0.100 m

Isolines [lx]



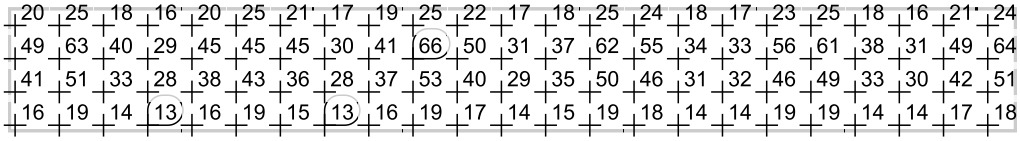
Scale: 1 : 750

False colors [lx]



Scale: 1 : 750

Value grid [lx]



Scale: 1 : 750

Value chart [lx]

m	-49.431	-48.333	-47.235	-46.136	-45.038	-43.939	-42.841	-41.742	-40.644	-39.545	-38.447	-37.348	-36.250	-35.151	-34.053
5.508	13.7	15.3	15.9	15.5	16.7	16.5	15.4	14.3	13.4	13.0	12.6	12.3	12.1	12.4	12.7
4.406	20.1	22.8	24.2	23.4	24.7	23.6	21.7	19.9	18.5	17.4	16.6	16.0	15.7	16.2	16.7
3.305	28.2	31.8	34.9	32.6	35.0	32.3	29.8	26.5	24.2	22.9	21.8	20.8	20.5	21.1	21.9
2.203	38.0	43.5	47.8	40.7	47.8	43.7	39.5	35.0	33.0	30.7	28.3	26.6	26.5	27.8	29.6
1.102	49.4	57.8	63.8	44.0	63.1	57.5	50.5	44.4	39.7	35.4	31.2	29.3	29.5	31.3	35.3
0.000	57.1	66.8	74.1	56.8	73.8	66.3	57.5	50.3	42.8	36.6	32.3	30.1	30.2	33.2	38.0

m	-49.431	-48.333	-47.235	-46.136	-45.038	-43.939	-42.841	-41.742	-40.644	-39.545	-38.447	-37.348	-36.250	-35.151	-34.053
-1.102	52.5	60.6	67.1	44.0	66.5	60.6	52.5	45.6	39.9	35.1	31.2	29.5	29.9	32.4	36.9
-2.203	41.3	46.8	51.5	42.1	51.1	47.1	41.5	36.2	33.4	31.0	29.0	27.7	28.5	30.6	33.4
-3.305	30.9	34.3	37.6	34.9	38.1	34.9	31.2	26.8	24.4	23.1	22.3	21.8	22.3	23.7	25.0
-4.406	22.9	25.4	26.9	26.1	27.1	25.4	23.0	20.6	18.8	17.6	17.1	16.9	17.2	18.2	19.1
-5.508	16.5	18.0	18.6	17.9	18.5	18.0	16.6	15.1	14.2	13.6	13.3	13.0	13.2	14.0	14.5

m	-32.954	-31.856	-30.757	-29.659	-28.560	-27.462	-26.363	-25.265	-24.166	-23.068	-21.970	-20.871	-19.773	-18.674	-17.576
5.508	13.4	14.4	15.8	17.0	17.2	16.8	17.6	17.4	16.3	15.1	14.3	13.7	13.3	13.0	12.8
4.406	18.1	19.8	22.2	24.4	25.4	24.7	25.5	24.4	22.5	20.6	19.1	18.0	17.3	16.7	16.4
3.305	23.1	26.4	30.4	33.5	36.0	33.6	35.8	32.9	30.3	27.0	24.7	23.5	22.4	21.4	21.1
2.203	31.8	34.2	40.5	45.3	49.0	41.6	48.5	44.3	39.8	35.5	33.6	31.2	29.0	27.2	27.2
1.102	39.7	45.2	51.7	59.7	65.2	45.1	63.5	57.7	50.6	44.7	40.1	35.7	31.7	30.0	30.5
0.000	44.4	51.9	59.4	68.6	75.4	**78.1**	74.1	66.3	57.5	50.2	42.9	36.9	32.7	30.9	31.1
-1.102	42.1	47.8	54.9	62.4	68.5	46.6	67.0	60.7	52.5	45.8	40.1	35.3	31.7	30.2	31.0
-2.203	36.1	38.5	43.7	48.5	52.8	43.0	51.3	47.4	41.5	36.5	33.7	31.4	29.5	28.3	29.3
-3.305	26.5	29.2	33.0	35.9	38.8	35.7	38.5	35.1	31.4	26.9	24.6	23.4	22.7	22.4	22.9
-4.406	20.5	22.4	24.6	26.7	27.8	26.7	27.4	25.7	23.3	20.9	19.0	17.9	17.4	17.4	17.6
-5.508	15.3	16.5	17.9	19.1	19.3	18.5	19.0	18.3	16.8	15.4	14.4	13.9	13.6	13.5	13.6

m	-16.477	-15.379	-14.280	-13.182	-12.083	-10.985	-9.886	-8.788	-7.689	-6.591	-5.492	-4.394	-3.295	-2.197	-1.098	0.000	1.098
5.508	13.0	13.3	13.9	14.9	16.4	17.5	17.3	17.2	17.9	17.4	16.3	15.1	14.3	13.7	13.3	13.0	12.8
4.406	16.8	17.3	18.7	20.5	22.9	25.2	25.5	24.9	25.8	24.1	22.3	20.5	19.0	17.9	17.1	16.7	16.5
3.305	21.8	22.5	23.7	27.4	31.2	34.4	35.7	34.3	35.5	32.6	29.9	26.5	24.6	23.3	22.1	21.4	21.3
2.203	28.6	30.4	32.5	35.4	41.7	45.8	48.9	44.1	47.8	43.7	38.9	35.2	33.2	30.9	28.7	27.1	27.5
1.102	32.5	36.5	41.0	46.5	53.5	61.0	66.1	60.6	62.7	56.4	49.6	43.8	39.3	35.0	31.4	29.9	30.8
0.000	34.4	39.6	46.3	53.4	61.1	70.3	76.3	77.9	73.1	64.7	56.2	49.1	41.9	36.0	32.2	31.1	31.6
-1.102	33.6	38.2	43.3	49.1	56.2	63.7	69.5	66.5	66.2	59.3	51.3	44.7	39.2	34.7	31.4	30.1	31.4
-2.203	31.6	34.2	36.7	39.3	44.6	49.3	52.7	46.5	50.4	46.6	40.4	36.0	33.4	31.1	29.3	28.3	29.8
-3.305	24.3	25.5	26.8	30.1	33.6	36.6	38.5	36.2	38.1	34.7	30.7	26.3	24.5	23.4	22.6	22.5	23.1
-4.406	18.6	19.4	21.0	23.0	25.1	27.2	27.7	27.0	27.6	25.3	22.9	20.7	18.7	17.9	17.5	17.7	17.8
-5.508	14.2	14.8	15.6	16.8	18.2	19.3	19.3	18.6	19.1	18.1	16.6	15.2	14.3	13.8	13.6	13.7	13.8

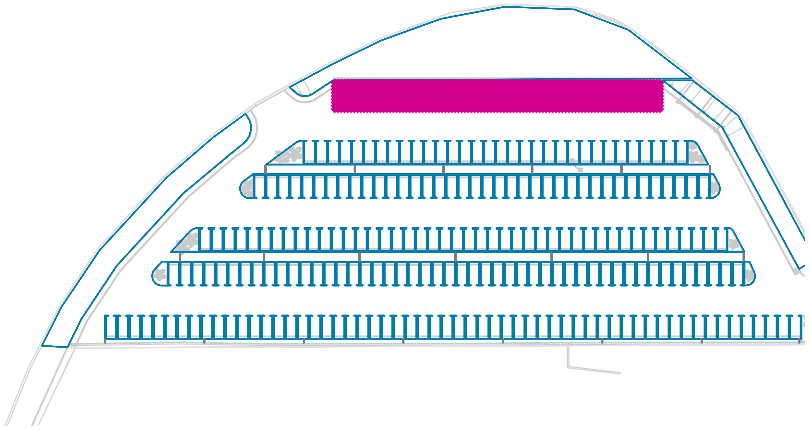
m	2.197	3.295	4.394	5.492	6.591	7.689	8.788	9.886	10.985	12.083	13.182	14.280	15.379	16.477	17.576	18.674	19.773	20.871
5.508	13.1	13.4	14.0	15.3	16.6	17.5	17.3	17.6	17.8	17.1	15.9	14.9	14.1	13.5	13.0	12.8	12.7	13.1
4.406	17.0	17.6	19.0	21.0	23.3	25.4	25.4	25.4	25.6	23.8	21.9	20.2	18.6	17.7	16.7	16.5	16.3	16.8
3.305	22.0	22.8	24.4	28.1	32.0	35.0	34.9	34.8	34.9	32.1	29.2	25.9	24.3	23.0	21.7	21.1	21.0	21.7
2.203	29.0	30.8	33.0	36.6	42.7	46.5	47.0	47.2	46.8	42.7	37.7	34.8	32.6	30.3	28.1	26.7	27.4	28.9
1.102	33.2	37.2	41.9	47.7	55.0	61.9	66.0	65.9	61.8	55.1	48.3	42.8	38.3	33.8	30.8	29.4	30.6	33.3
0.000	35.1	40.7	47.8	54.7	62.9	71.7	77.4	77.3	71.7	62.9	54.8	47.6	40.6	35.0	31.3	30.6	31.5	35.3
-1.102	34.4	39.2	44.3	50.4	57.7	64.9	70.1	70.1	65.1	57.5	49.9	43.4	38.1	33.5	30.8	29.8	31.3	34.7
-2.203	32.3	34.8	37.2	40.2	45.5	49.8	51.0	50.8	49.3	45.6	38.9	35.4	32.7	30.6	28.8	27.9	29.7	32.3
-3.305	24.6	25.9	27.2	30.9	34.2	37.4	37.4	37.5	37.5	34.0	29.7	25.6	24.1	23.1	22.2	22.2	23.1	24.5
-4.406	18.7	19.6	21.2	23.3	25.5	27.4	27.3	27.3	27.1	24.8	22.3	20.1	18.3	17.7	17.2	17.4	17.9	18.8
-5.508	14.3	14.9	15.7	17.0	18.5	19.4	18.9	18.8	19.0	17.7	16.1	14.9	14.1	13.7	13.3	13.6	13.8	14.3

m	21.970	23.068	24.166	25.265	26.363	27.462	28.560	29.659	30.757	31.856	32.954	34.053	35.151	36.250	37.348	38.447	39.545
5.508	13.5	14.1	15.3	16.6	17.3	17.1	17.4	17.7	16.8	15.5	14.4	13.8	13.3	12.7	12.5	12.4	12.5
4.406	17.7	19.2	21.1	23.4	25.3	24.9	25.4	25.4	23.4	21.5	19.7	18.3	17.5	16.6	16.3	16.1	16.6
3.305	22.8	24.5	28.5	32.1	35.3	34.5	35.3	34.6	31.7	28.7	25.4	24.0	22.8	21.5	21.1	21.2	21.7
2.203	30.8	33.2	37.3	43.1	47.0	45.5	48.3	46.3	42.1	37.2	34.4	32.3	30.1	27.9	26.8	27.6	29.2
1.102	37.4	42.2	48.2	55.8	62.4	63.9	66.3	61.2	54.3	47.6	42.4	37.8	33.4	30.9	29.7	31.0	34.3
0.000	41.1	48.3	55.3	63.8	72.6	77.6	76.7	70.8	61.9	54.0	46.8	40.1	34.7	31.3	30.8	32.4	36.4

m	21.970	23.068	24.166	25.265	26.363	27.462	28.560	29.659	30.757	31.856	32.954	34.053	35.151	36.250	37.348	38.447	39.545
-1.102	39.5	44.7	51.1	58.4	65.5	69.1	69.7	64.4	56.6	49.2	42.9	37.6	33.3	30.8	30.2	31.9	35.8
-2.203	35.0	37.4	40.8	46.0	50.2	48.6	51.7	49.1	44.9	38.3	35.0	32.5	30.4	28.8	28.4	30.3	32.8
-3.305	25.9	27.4	31.1	34.3	37.6	36.8	38.0	37.0	33.6	29.3	25.3	24.0	23.1	22.3	22.6	23.4	24.8
-4.406	19.7	21.4	23.4	25.5	27.5	26.9	27.3	27.0	24.6	22.0	19.9	18.2	17.7	17.2	17.6	18.0	18.8
-5.508	15.0	15.7	17.0	18.6	19.4	18.8	18.9	18.8	17.7	16.0	14.7	14.0	13.6	13.3	13.5	13.9	14.4

m	40.644	41.742	42.841	43.939	45.038	46.136	47.235	48.333	49.431
5.508	12.9	13.6	14.7	16.0	16.3	15.6	16.2	15.9	14.5
4.406	17.5	19.0	20.9	23.1	24.5	23.5	24.2	23.3	21.0
3.305	22.6	25.0	28.8	32.0	34.9	32.7	34.7	32.1	29.0
2.203	31.1	33.3	38.2	43.5	47.4	40.6	47.9	43.8	39.0
1.102	38.2	43.2	49.2	56.9	62.6	49.2	64.2	58.3	50.6
0.000	42.3	49.6	56.7	65.5	73.3	77.3	74.5	67.6	58.1
-1.102	40.5	45.7	52.3	59.7	66.1	53.3	67.9	61.7	52.9
-2.203	35.4	37.8	41.8	46.7	50.8	42.6	51.4	47.3	41.6
-3.305	26.2	28.0	31.7	34.6	37.8	34.9	37.6	34.8	30.9
-4.406	19.9	21.6	23.6	25.6	27.3	26.0	26.7	25.4	22.5
-5.508	15.1	15.9	17.1	18.3	18.9	18.0	18.2	17.6	15.8

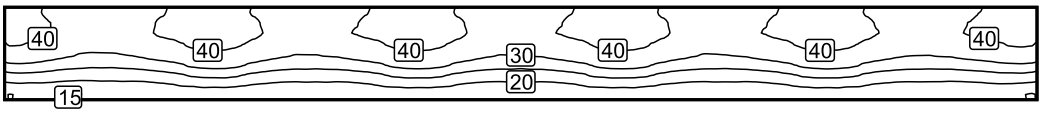
Calculation surface 4 / Perpendicular illuminance



Light loss factor: 0.80

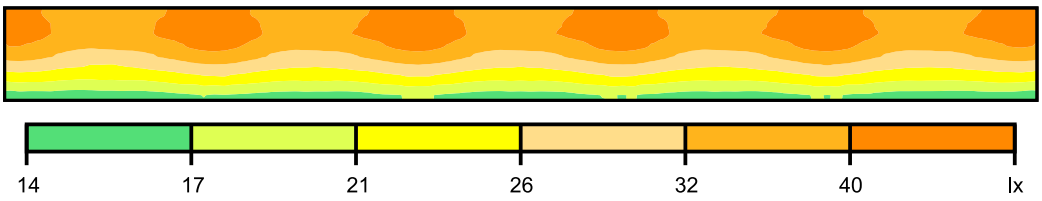
Calculation surface 4: Perpendicular illuminance (Grid)
Light scene: Light scene 1
Average: 31.3 lx, Min: 14.7 lx, Max: 48.7 lx, Min/average: 0.47, Min/max: 0.30
Height: 0.100 m

Isolines [lx]



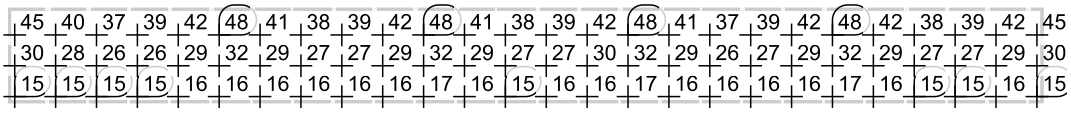
Scale: 1 : 500

False colors [lx]



Scale: 1 : 500

Value grid [lx]



Scale: 1 : 500

Value chart [lx]

m	-33.866	-33.188	-32.511	-31.834	-31.156	-30.479	-29.802	-29.124	-28.447	-27.770	-27.093	-26.415	-25.738	-25.061	-24.383
2.723	44.4	43.9	42.5	40.3	38.1	36.3	34.7	33.4	33.2	33.4	34.1	34.8	35.7	36.4	37.9
2.042	46.0	45.5	44.1	42.1	40.0	38.3	36.7	35.7	35.9	36.2	37.2	37.5	38.2	38.5	39.6
1.361	44.6	44.6	43.3	41.8	40.1	38.8	37.4	36.8	36.9	37.5	38.3	38.7	38.9	39.3	39.9
0.681	40.6	40.5	39.8	38.4	37.0	35.5	34.3	33.6	33.3	33.7	34.1	34.5	34.7	35.3	36.1
0.000	35.4	35.4	35.0	34.0	33.0	31.7	30.7	30.0	29.6	29.7	29.7	30.2	30.4	31.0	32.0
-0.681	29.6	29.9	29.6	29.0	28.0	27.1	26.7	26.4	25.9	25.9	25.9	26.1	26.4	27.0	27.7
-1.361	24.1	24.4	24.2	23.9	23.5	22.8	22.4	22.1	22.1	22.4	22.3	22.5	22.4	22.6	23.1
-2.042	19.1	19.5	19.2	19.3	19.1	18.7	18.5	18.3	18.4	18.6	18.6	18.8	18.7	18.7	19.1

m	-33.866	-33.188	-32.511	-31.834	-31.156	-30.479	-29.802	-29.124	-28.447	-27.770	-27.093	-26.415	-25.738	-25.061	-24.383
-2.723	14.9	15.3	15.3	15.3	15.4	15.1	15.0	15.0	15.1	15.2	15.3	15.4	15.3	15.4	15.6

m	-23.706	-23.029	-22.351	-21.674	-20.997	-20.319	-19.642	-18.965	-18.287	-17.610	-16.933	-16.256	-15.578	-14.901	-14.224
2.723	39.5	41.0	42.8	45.1	46.5	46.8	45.6	43.8	41.4	39.2	37.2	35.4	34.1	33.7	33.9
2.042	41.1	42.3	44.2	46.7	48.3	48.6	47.8	45.9	43.5	41.2	39.3	37.5	36.4	36.4	36.7
1.361	41.2	41.9	43.7	45.9	47.3	47.6	47.0	45.3	43.4	41.4	39.8	38.3	37.6	37.6	38.0
0.681	37.3	38.4	40.1	41.9	43.0	43.7	43.1	41.6	40.1	38.3	36.6	35.2	34.5	34.0	34.2
0.000	33.1	34.1	35.2	36.6	37.7	38.2	37.8	36.8	35.4	34.1	32.8	31.5	30.7	30.2	30.2
-0.681	28.3	29.1	30.1	31.1	31.8	32.1	31.9	31.4	30.3	29.2	28.2	27.5	27.0	26.6	26.5
-1.361	23.7	24.3	25.1	25.6	26.1	26.2	26.3	25.8	25.2	24.4	23.8	23.2	22.8	22.7	22.9
-2.042	19.5	20.0	20.5	20.5	21.0	20.9	21.1	20.7	20.4	20.0	19.7	19.3	19.0	18.9	19.1
-2.723	15.8	16.1	16.3	16.5	16.7	16.5	16.6	16.5	16.4	16.2	16.1	15.8	15.7	15.6	15.7

m	-13.546	-12.869	-12.192	-11.514	-10.837	-10.160	-9.482	-8.805	-8.128	-7.450	-6.773	-6.096	-5.419	-4.741	-4.064	-3.387	-2.709
2.723	34.6	35.1	36.1	36.8	38.2	39.8	41.3	43.2	45.2	46.6	46.7	45.6	43.7	41.3	39.0	37.1	35.4
2.042	37.6	37.9	38.5	38.9	39.8	41.4	42.6	44.5	46.9	48.5	**48.7**	47.9	45.8	43.3	41.1	39.3	37.4
1.361	38.8	39.1	39.4	39.7	40.3	41.5	42.4	44.2	46.0	47.5	47.6	46.9	45.1	43.3	41.4	39.8	38.3
0.681	34.6	35.0	35.1	35.8	36.4	37.6	38.7	40.6	42.1	43.3	43.6	43.1	41.7	40.0	38.2	36.5	35.2
0.000	30.2	30.6	30.8	31.5	32.4	33.3	34.4	35.6	36.9	37.9	38.2	37.9	36.7	35.4	34.1	32.7	31.5
-0.681	26.3	26.5	26.8	27.4	28.0	28.6	29.4	30.4	31.3	31.9	32.2	31.9	31.3	30.4	29.1	28.3	27.5
-1.361	22.8	22.9	22.8	22.9	23.5	23.9	24.6	25.3	25.9	26.3	26.3	26.3	25.8	25.2	24.5	23.7	23.2
-2.042	19.0	19.1	18.9	19.0	19.3	19.7	20.2	20.6	20.8	21.2	21.1	21.1	20.7	20.5	20.0	19.5	19.1
-2.723	15.6	15.6	15.5	15.5	15.7	16.0	16.4	16.5	16.6	16.9	16.7	16.8	16.6	16.3	16.2	16.0	15.6

m	-2.032	-1.355	-0.677	0.000	0.677	1.355	2.032	2.709	3.387	4.064	4.741	5.419	6.096	6.773	7.450	8.128	8.805	9.482	10.160
2.723	34.0	33.7	33.8	34.6	35.2	36.1	36.8	38.3	39.9	41.4	43.5	45.3	46.7	46.7	45.5	43.5	41.1	38.8	36.9
2.042	36.5	36.5	36.7	37.7	37.9	38.5	38.9	39.9	41.5	42.7	44.7	47.1	48.5	48.6	47.7	45.6	43.1	40.9	39.1
1.361	37.7	37.6	38.1	38.8	39.1	39.3	39.7	40.3	41.4	42.4	44.2	46.2	47.5	47.6	46.9	45.0	43.1	41.1	39.6
0.681	34.5	34.0	34.3	34.6	34.9	35.1	35.7	36.4	37.6	38.7	40.4	42.2	43.3	43.7	42.9	41.6	39.8	38.1	36.4
0.000	30.7	30.2	30.3	30.3	30.5	30.7	31.4	32.3	33.4	34.4	35.7	37.2	37.9	38.1	37.7	36.7	35.2	34.0	32.5
-0.681	27.0	26.6	26.5	26.3	26.6	26.7	27.4	27.9	28.7	29.5	30.4	31.5	32.0	32.1	32.0	31.2	30.2	29.2	28.1
-1.361	22.8	22.7	22.8	22.6	22.9	22.7	22.9	23.5	24.0	24.7	25.5	25.9	26.3	26.4	26.2	25.9	25.2	24.4	23.6
-2.042	18.9	18.8	19.1	18.9	19.1	18.9	19.0	19.3	19.7	20.3	20.7	20.9	21.2	21.0	21.2	20.6	20.4	20.0	19.6
-2.723	15.5	15.5	15.6	15.6	15.7	15.6	15.7	15.7	16.1	16.4	16.5	16.7	16.7	16.7	16.8	16.4	16.4	16.2	16.0

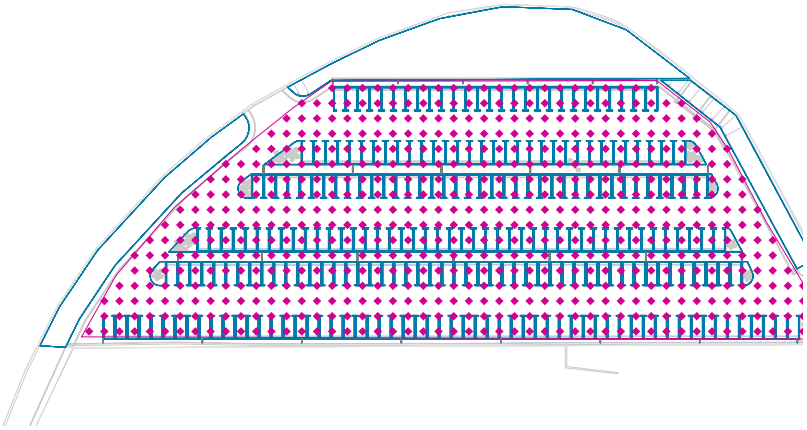
m	10.837	11.514	12.192	12.869	13.546	14.224	14.901	15.578	16.256	16.933	17.610	18.287	18.965	19.642	20.319	20.997	21.674
2.723	35.2	33.8	33.6	33.7	34.5	35.0	35.9	36.8	38.2	39.8	41.3	43.3	45.4	46.7	46.7	45.7	43.7
2.042	37.3	36.2	36.3	36.6	37.6	37.8	38.4	38.8	39.8	41.3	42.6	44.6	47.0	48.4	**48.7**	47.9	45.9
1.361	38.1	37.4	37.4	38.0	38.7	39.0	39.2	39.6	40.3	41.5	42.4	44.3	46.3	47.6	47.7	47.0	45.2
0.681	35.0	34.2	33.9	34.1	34.4	34.8	35.0	35.6	36.4	37.6	38.8	40.6	42.1	43.3	43.7	43.1	41.8
0.000	31.5	30.6	30.0	30.1	30.2	30.4	30.7	31.4	32.3	33.4	34.4	35.6	37.1	37.8	38.1	37.8	36.9
-0.681	27.5	26.9	26.5	26.3	26.2	26.4	26.7	27.4	27.9	28.6	29.5	30.4	31.4	31.9	32.4	32.0	31.5
-1.361	23.1	22.7	22.6	22.8	22.6	22.8	22.7	22.9	23.4	23.8	24.7	25.2	25.8	26.2	26.3	26.2	25.9
-2.042	19.2	18.9	18.9	19.0	19.0	19.0	18.8	18.9	19.2	19.7	20.1	20.5	20.8	21.2	21.1	21.2	20.7
-2.723	15.7	15.5	15.6	15.7	15.6	15.6	15.5	15.5	15.6	15.9	16.2	16.4	16.6	16.8	16.6	16.9	16.5

m	22.351	23.029	23.706	24.383	25.061	25.738	26.415	27.093	27.770	28.447	29.124	29.802	30.479	31.156	31.834	32.511	33.188
2.723	41.4	39.2	37.4	35.6	34.4	34.3	34.4	35.2	35.6	36.4	37.3	38.6	40.1	41.3	43.1	44.7	45.2
2.042	43.5	41.2	39.5	37.7	36.9	36.9	37.4	38.1	38.3	38.7	39.2	40.2	41.5	42.5	44.5	46.1	46.9
1.361	43.3	41.7	40.1	38.7	38.1	37.9	38.6	39.1	39.3	39.3	39.8	40.4	41.3	42.1	43.6	45.0	45.4
0.681	40.1	38.4	36.7	35.4	34.6	34.3	34.5	34.7	35.0	35.0	35.8	36.4	37.3	38.4	39.7	40.8	41.3
0.000	35.5	34.2	33.0	31.7	30.9	30.4	30.3	30.3	30.7	30.8	31.5	32.3	33.1	33.8	34.7	35.6	35.8
-0.681	30.5	29.3	28.3	27.7	27.1	26.7	26.5	26.4	26.6	26.8	27.3	27.6	28.1	28.6	29.4	29.7	30.0

m	22.351	23.029	23.706	24.383	25.061	25.738	26.415	27.093	27.770	28.447	29.124	29.802	30.479	31.156	31.834	32.511	33.188
-1.361	25.4	24.6	23.8	23.3	22.9	22.8	22.9	22.7	22.7	22.5	22.8	23.1	23.4	23.8	24.3	24.3	24.5
-2.042	20.6	20.2	19.7	19.3	19.0	18.9	18.9	18.9	18.9	18.7	18.7	18.9	19.1	19.5	19.7	19.6	19.3
-2.723	16.3	16.4	16.1	15.7	15.5	15.5	15.4	15.5	15.4	15.3	15.3	15.2	15.5	15.5	15.5	15.5	15.2

m	33.866
2.723	44.3
2.042	45.8
1.361	44.6
0.681	40.6
0.000	35.4
-0.681	29.5
-1.361	23.9
-2.042	18.9
-2.723	**14.7**

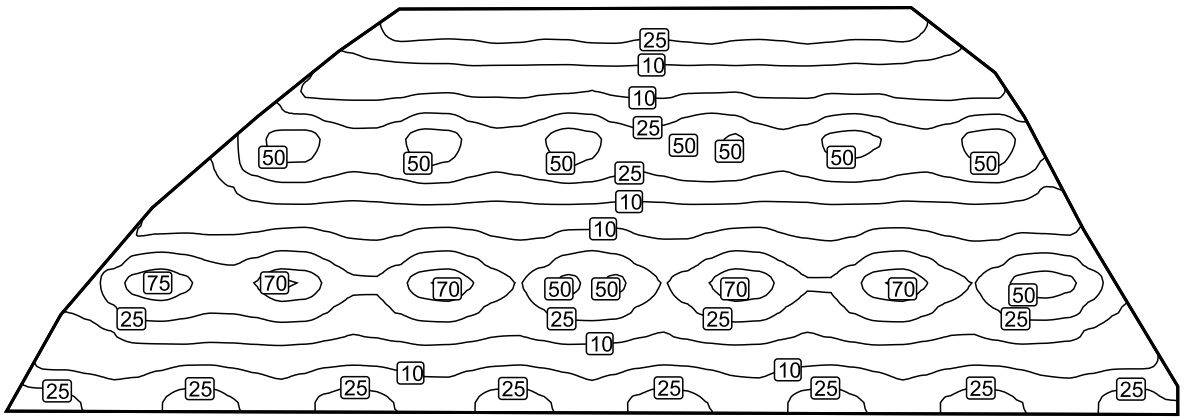
Calculation surface 5 / Perpendicular illuminance



Light loss factor: 0.80

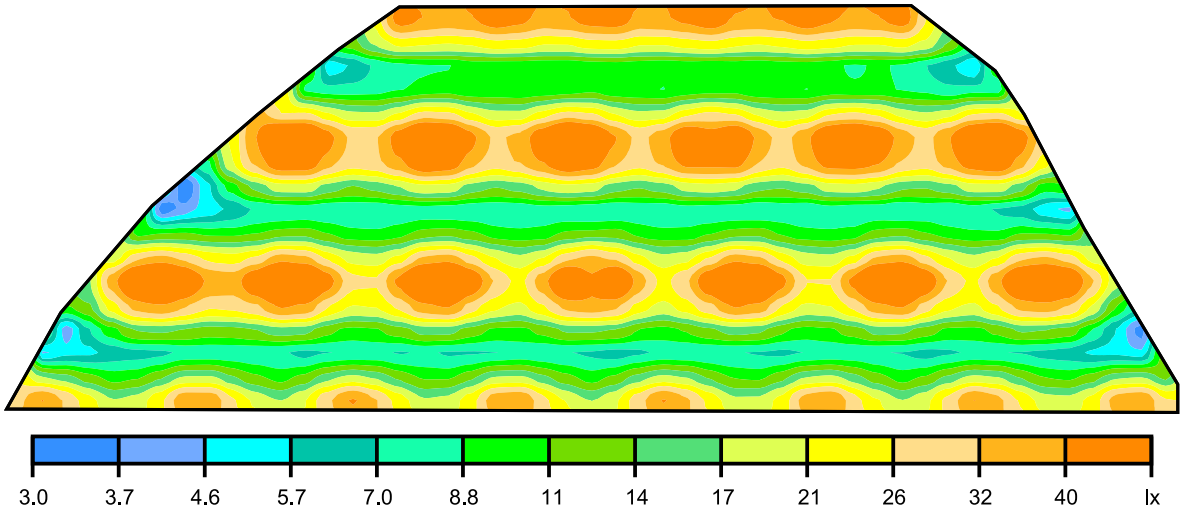
Calculation surface 5: Perpendicular illuminance (Grid)
Light scene: Light scene 1
Average: 21.9 lx, Min: 2.99 lx, Max: 76.0 lx, Min/average: 0.14, Min/max: 0.039
Height: 0.100 m

Isolines [lx]



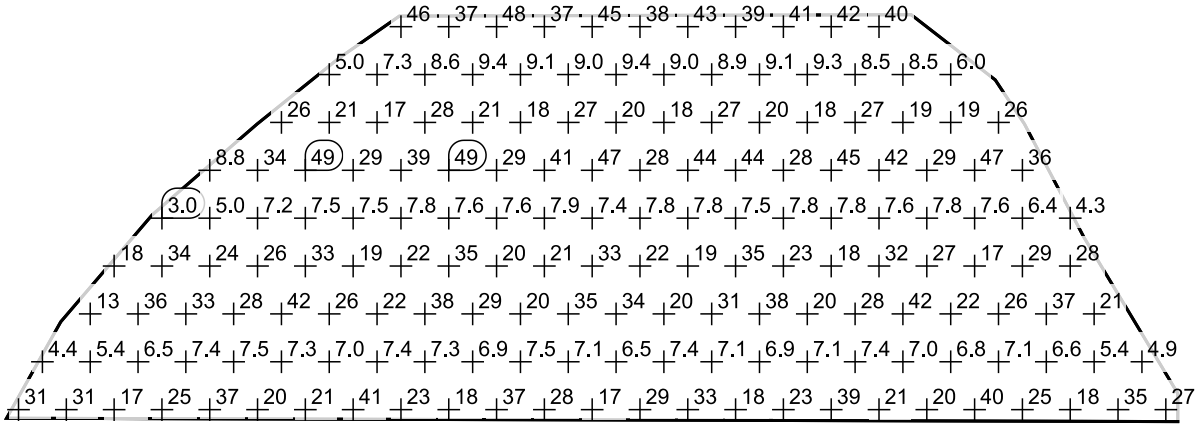
Scale: 1 : 1000

False colors [lx]



Scale: 1 : 1000

Value grid [lx]



Scale: 1 : 1000

Value chart [lx]

m	-81.213	-78.049	-74.886	-71.722	-68.558	-65.394	-62.230	-59.066	-55.903	-52.739	-49.575	-46.411	-43.247	-40.083	-36.920
23.212	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
20.044	/	/	/	/	/	/	/	/	/	/	/	/	/	/	12.5
16.876	/	/	/	/	/	/	/	/	/	/	/	/	/	5.05	5.77
13.708	/	/	/	/	/	/	/	/	/	/	/	/	8.25	7.73	7.88
10.540	/	/	/	/	/	/	/	/	/	/	/	25.9	26.3	20.9	17.5
7.372	/	/	/	/	/	/	/	/	/	21.7	40.6	62.6	62.6	43.5	30.9
4.204	/	/	/	/	/	/	/	/	8.78	21.0	34.5	49.5	49.0	35.5	28.8
1.036	/	/	/	/	/	/	/	2.99	5.58	10.0	14.7	19.4	19.5	15.5	13.6
-2.132	/	/	/	/	/	/	3.04	4.06	5.03	5.93	7.22	7.38	7.54	7.48	7.51
-5.300	/	/	/	/	/	9.62	10.5	10.8	10.1	10.1	10.7	11.9	12.2	10.6	9.36
-8.468	/	/	/	/	18.1	29.6	33.6	29.2	24.1	22.7	26.2	35.4	33.1	23.9	18.9
-11.636	/	/	/	16.5	36.7	61.4	76.0	56.0	38.5	36.3	51.5	73.6	68.5	44.7	27.3
-14.804	/	/	/	13.3	24.0	35.7	39.8	33.3	27.3	27.8	31.8	42.1	39.2	26.5	21.0
-17.972	/	/	4.02	7.09	10.2	14.0	14.4	13.6	12.3	12.6	13.7	15.4	14.7	11.6	10.3
-21.140	/	4.40	5.23	5.40	6.28	6.49	6.65	7.45	7.53	7.51	7.50	7.25	6.60	7.00	7.22
-24.308	/	16.5	14.5	11.6	9.83	10.3	12.8	16.7	16.9	13.6	11.2	9.91	11.4	15.0	17.5
-27.476	30.6	40.3	31.2	22.8	17.0	18.4	24.7	37.8	37.5	26.7	19.7	16.7	20.5	30.7	41.0

m	-33.756	-30.592	-27.428	-24.264	-21.100	-17.937	-14.773	-11.609	-8.445	-5.281	-2.117	1.046	4.210	7.374	10.538	13.702	16.866
23.212	/	45.5	39.7	37.4	39.8	47.5	43.2	37.3	39.5	45.1	46.2	37.6	39.0	42.5	48.2	39.2	38.5
20.044	17.9	23.0	22.2	21.5	22.2	24.8	24.0	21.8	21.9	24.4	24.7	22.1	22.1	23.7	25.3	22.6	21.8
16.876	7.26	8.03	8.59	8.70	9.36	9.12	9.11	9.11	9.05	9.31	9.45	9.27	9.02	9.24	8.89	9.34	9.09
13.708	8.02	8.65	9.34	9.64	8.92	9.17	8.92	9.23	9.42	10.1	9.18	9.00	8.73	9.52	9.52	9.83	8.88
10.540	17.2	21.2	27.5	26.7	21.0	17.9	17.9	22.6	27.4	25.9	20.3	17.7	18.2	23.8	26.9	25.0	19.5
7.372	31.7	45.8	65.7	61.1	42.5	31.0	34.1	48.9	68.3	57.8	40.3	30.3	36.1	52.3	45.1	54.3	37.9
4.204	30.9	38.7	52.4	48.8	35.0	29.0	32.7	40.7	52.4	47.0	33.9	28.5	34.0	43.5	43.2	44.2	32.6
1.036	14.6	17.2	20.5	19.8	15.4	13.9	14.9	18.1	20.2	19.0	15.1	14.0	15.3	18.6	19.7	18.2	14.6
-2.132	7.54	7.78	7.79	7.63	7.62	7.56	7.67	7.86	7.54	7.35	7.41	7.77	7.60	7.83	7.51	7.54	7.37
-5.300	9.17	9.92	11.7	12.2	11.2	9.65	9.22	9.49	11.2	11.5	11.9	9.94	9.35	9.34	10.5	11.9	12.3
-8.468	17.9	21.9	32.4	34.9	26.7	20.4	17.4	20.5	29.4	33.0	29.9	22.0	17.6	19.1	25.7	35.3	32.2
-11.636	26.6	43.2	67.1	73.9	51.0	31.0	24.5	36.7	58.5	42.0	58.3	36.5	24.4	31.0	51.1	74.1	66.5
-14.804	21.6	27.9	38.4	41.8	29.4	22.4	20.1	26.0	34.9	37.8	34.2	24.2	19.8	23.9	30.9	41.8	38.3
-17.972	10.7	12.4	14.9	14.8	12.4	10.5	10.4	11.7	14.3	14.3	13.6	10.9	10.1	11.2	13.2	14.9	14.4
-21.140	7.39	6.89	7.32	6.84	6.86	7.01	7.55	7.19	7.08	6.82	6.46	6.74	7.37	7.20	7.14	7.12	6.91
-24.308	15.6	12.5	10.4	10.3	12.6	16.5	16.9	14.0	11.5	9.75	11.1	14.5	17.5	16.1	12.7	10.5	10.1
-27.476	32.3	23.5	17.3	18.0	23.7	36.7	38.6	27.7	20.4	16.6	20.0	29.2	40.6	33.2	24.3	17.8	17.8

m	20.029	23.193	26.357	29.521	32.685	35.849	39.012	42.176	45.340	48.504	51.668	54.832	57.995	61.159	64.323	67.487	70.651
23.212	41.1	48.5	41.9	38.0	39.8	45.8	/	/	/	/	/	/	/	/	/	/	/
20.044	22.7	25.2	23.7	22.0	22.0	23.3	20.1	13.4	/	/	/	/	/	/	/	/	/
16.876	9.38	9.33	9.11	8.54	8.99	8.47	7.06	5.95	4.80	/	/	/	/	/	/	/	/
13.708	8.93	8.74	9.49	9.18	9.42	8.59	8.24	7.52	7.79	7.63	/	/	/	/	/	/	/
10.540	17.4	18.4	24.6	26.6	23.9	19.0	17.1	18.8	25.0	26.2	20.4	/	/	/	/	/	/
7.372	29.6	37.6	55.2	60.9	51.5	36.3	30.2	39.8	58.8	66.1	45.5	/	/	/	/	/	/
4.204	28.1	34.9	45.3	45.8	41.6	31.8	29.1	36.1	47.4	51.9	35.6	23.1	/	/	/	/	/
1.036	14.1	15.6	19.1	19.7	17.7	14.3	14.1	15.9	19.3	19.4	15.0	9.74	/	/	/	/	/
-2.132	7.82	7.43	7.83	7.42	7.62	7.27	7.81	7.30	7.64	6.91	6.36	5.01	4.33	/	/	/	/
-5.300	10.3	9.46	9.08	9.68	11.7	12.2	10.8	9.74	9.03	9.07	10.6	10.5	9.96	/	/	/	/
-8.468	23.3	18.4	17.7	21.8	32.3	34.9	26.5	20.3	17.4	20.4	29.5	32.0	27.9	18.2	/	/	/
-11.636	42.9	26.1	26.2	43.2	67.2	73.7	50.8	31.0	24.8	37.3	59.2	67.4	56.0	32.1	/	/	/
-14.804	25.9	20.3	21.2	27.8	38.4	41.8	29.3	22.3	20.3	26.2	35.1	37.1	32.4	20.5	10.9	/	/
-17.972	11.4	10.1	10.6	12.3	15.0	14.6	12.4	10.4	10.3	11.6	14.2	13.8	12.5	8.72	5.59	3.31	/
-21.140	6.70	7.08	7.41	7.43	7.15	6.98	6.55	6.79	7.30	7.15	6.93	6.61	6.34	5.41	5.28	4.86	/
-24.308	12.4	16.2	17.3	14.4	11.7	9.81	10.9	14.0	17.4	16.3	13.0	10.6	10.1	11.9	15.4	16.1	12.3
-27.476	22.7	35.5	39.5	28.5	21.2	16.8	19.6	27.9	40.2	34.3	25.1	18.7	18.1	22.8	35.5	38.5	26.8