

Installation : Hinckley Park, DZ3

Project number : P186-694-G1

Customer :

Processed by : I Pirtac

Date : 07.06.2023

Project description:

Post curfew levels

AW7 and AW7 BLS CLO 70%

3xB1 CLO 70%

A1-Y-CLO 70%

Unit 1-Unit 2-Unit 3 + RW

Please note that 2m fence at East Unit 3 and 4m at South West Unit 1 has been factored in calculation for the spill.

Notes:

Holophane Europe Ltd offer a Lighting Design Service in good faith and without charge, every effort is made to ensure we interpret the design specification accurately. All illuminance values shown are the result of theoretical computer calculations; summated by luminaires positioned in a fixed relationship to each other and the statistical zone. In practice the values may vary due to tolerances in column installation, luminaire orientation, surface reflectance and fluctuations in power supply (voltage). Results provided within this design are derived from product specific photometry, the substitution of alternative luminaires will not produce comparable results.

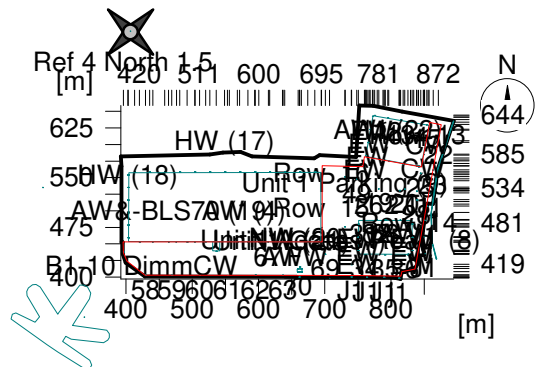
The following values are based on precise calculations performed on calibrated lamps and luminaires, and their configurations, whereby gradual, unavoidable deviations can occur in practice. All guarantee claims are excluded for the specified data.

This exclusion of liability applies irrespective of the legal grounds for both damages and consequential damages suffered by users and third parties.

1 Exterior 1

1.2 Calculation results, Exterior 1

1.2.1 Luminous intensity - Ref 4 North 1.5



Measuring point for luminous intensity: Ref 4 North 1.5

Position : x = 407.25 m, y = 769.77 m, z = 1.50 m

No.	Luminaire	Position Lumin. intensity			
		x[m]	y[m]	z[m]	I[kcd]
1	A1,	767.02	531.26	10.00	0.246
2	B1,	781.39	533.64	10.00	0.206
3	B1,	820.96	533.16	10.00	0.194
4	D-Series 2 Luminaire, DSX2.2.LA364.FW	791.22	486.73	8.00	0.187
5	D-Series 2 Luminaire, DSX2.2.LA364.FW	814.38	486.77	8.00	0.186
6	A1,	812.97	530.97	10.00	0.171
7	B1,	748.37	548.12	10.00	0.142
8	C1,	839.08	516.80	8.00	0.123
9	B1,	396.01	438.50	10.00	0.087
10	G1,	730.66	551.85	8.00	0.022
11	Denver iD Wall, DWL.1.LA044.AY.W025	403.09	554.62	3.92	0.009
12	Denver iD Wall, DWL.1.LA044.AY.W025	403.14	535.67	3.92	0.008
13	Denver iD Wall, DWL.1.LA044.AY.W025	403.20	516.73	3.92	0.008
14	Denver iD Wall, DWL.1.LA044.AY.W025	616.96	558.92	3.92	0.008
15	Denver iD Wall, DWL.1.LA044.AY.W025	403.25	497.78	3.92	0.007
16	Denver iD Wall, DWL.1.LA044.AY.W025	594.31	558.92	3.92	0.007
17	Denver iD Wall, DWL.1.LA044.AY.W025	639.62	558.93	3.92	0.007
18	Denver iD Wall, DWL.1.LA044.AY.W025	684.94	558.95	3.92	0.007
19	Denver iD Wall, DWL.1.LA044.AY.W025	662.28	558.94	3.92	0.007
20	Denver iD Wall, DWL.1.LA044.AY.W025	571.65	558.91	3.92	0.006
21	Denver iD Wall, DWL.1.LA044.AY.W025	548.99	558.90	3.92	0.004
22	Denver iD Wall, DWL.1.LA044.AY.W025	503.68	558.89	3.92	0.002
23	J1,	838.76	529.89	8.00	0.002
24	Denver iD Wall, DWL.1.LA044.AY.W025	481.02	558.88	3.92	0.002
25	Denver iD Wall, DWL.1.LA044.AY.W025	526.33	558.90	3.92	0.002
26	J1,	857.60	526.86	8.00	0.002
27	J1,	854.03	507.24	8.00	0.002
28	Denver iD Wall, DWL.1.LA044.AY.W025	458.36	558.87	3.92	0.001
29	Denver iD Wall, DWL.1.LA044.AY.W025	435.70	558.87	3.92	0.001
30	J1,	850.83	486.16	8.00	0.001
31	Denver iD Wall, DWL.1.LA044.AY.W025	413.05	558.86	3.92	0.001

1 Exterior 1

1.2 Calculation results, Exterior 1

1.2.1 Luminous intensity - Ref 4 North 1.5

32	Denver iD Wall, DWL.1.LA034.NR.W018	765.17	603.57	4.00	0.001
33	Denver iD Wall, DWL.1.LA034.NR.W018	761.64	583.96	4.00	0.000
34	Denver iD Wall, DWL.1.LA034.NR.W018	768.55	623.37	4.00	0.000
35	Denver iD Wall, DWL.1.LA034.NR.W018	772.02	642.90	4.00	0.000
36	D-Series 2 Luminaire, DSX2.2.LA364.FW	779.11	486.84	8.00	0.000
37	Denver iD Wall, DWL.1.LA034.NR.W018	834.30	634.00	4.00	0.000
38	D-Series 1 Luminaire, DSX1.2.LA224.FW	760.71	434.26	8.00	0.000
39	D-Series 1 Luminaire, DSX1.2.LA224.FW	790.78	434.08	8.00	0.000
40	D-Series 1 Luminaire, DSX1.2.LA224.FW	820.66	434.24	8.00	0.000
41	Denver iD Wall, DWL.1.LA034.NR.W018	750.55	480.48	4.00	0.000
42	Denver iD Wall, DWL.1.LA034.NR.W018	750.51	460.54	4.00	0.000
43	Denver iD Wall, DWL.1.LA034.NR.W018	750.53	440.59	4.00	0.000
44	Denver iD Wall, DWL.1.LA034.NR.W018	814.61	637.54	4.00	0.000
45	Denver iD Wall, DWL.1.LA034.NR.W018	794.98	641.02	4.00	0.000
46	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	838.51	568.22	0.94	0.000
47	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	841.39	567.47	0.94	0.000
48	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	825.63	434.46	0.94	0.000
49	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	829.39	434.52	0.94	0.000
50	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	694.87	455.60	0.94	0.000
51	Denver iD Wall, DWL.1.LA034.NR.W018	775.26	644.43	4.00	0.000
52	J1,	740.14	400.60	8.00	0.000
53	J1,	789.49	400.23	8.00	0.000
54	J1,	763.33	400.12	8.00	0.000
55	D-Series 2 Luminaire, DSX2.2.LA364.FW	759.71	486.76	8.00	0.000
56	D-Series 1 Luminaire, DSX1.2.LA224.FW	674.52	452.98	8.00	0.000
57	J1,	848.57	460.82	8.00	0.000
58	J1,	850.20	435.92	8.00	0.000
59	D1,	871.71	605.96	6.00	0.000
60	Denver iD Wall, DWL.1.LA034.NR.W018	831.90	480.52	4.00	0.000
61	Denver iD Wall, DWL.1.LA034.NR.W018	831.96	460.41	4.00	0.000
62	Denver iD Wall, DWL.1.LA034.NR.W018	832.03	440.50	4.00	0.000
63	D-Series 1 Luminaire, DSX1.2.LA224.FW	695.15	545.33	8.00	0.000
64	D-Series 1 Luminaire, DSX1.2.LA224.FW	695.15	510.36	8.00	0.000
65	D-Series 1 Luminaire, DSX1.2.LA224.FW	695.03	475.25	8.00	0.000
66	B1,	429.49	403.54	10.00	0.000
67	B1,	469.20	403.36	10.00	0.000
68	B1,	511.19	402.97	10.00	0.000
69	B1,	553.17	402.91	10.00	0.000
70	B1,	595.16	403.26	10.00	0.000
71	B1,	636.94	403.10	10.00	0.000
72	D-Series 0 Area luminaire, DSX0.1.LA114.FW	849.59	585.42	8.00	0.000
73	D-Series 0 Area luminaire, DSX0.1.LA114.FW	856.21	621.70	8.00	0.000
74	D1,	863.55	561.69	6.00	0.000
75	J1,	812.22	398.76	8.00	0.000
76	Denver iD Wall, DWL.1.LA034.NR.W018	853.88	630.24	4.00	0.000
77	G1,	730.60	439.30	8.00	0.000
78	G1,	730.68	476.65	8.00	0.000
79	G1,	730.74	514.10	8.00	0.000
80	E1,	740.76	419.33	8.00	0.000
81	E1,	707.42	399.51	8.00	0.000
82	D1-8,	661.69	400.45	8.00	0.000
83	D1-8,	662.29	415.83	8.00	0.000
84	D-Series 0 Area luminaire, DSX0.1.LA114.FW	536.20	439.51	8.00	0.000
85	D-Series 2 Luminaire, DSX2.2.LA364.FW	636.38	452.79	8.00	0.000
86	D1,	844.67	557.07	6.00	0.000
87	D-Series 2 Luminaire, DSX2.2.LA364.FW	600.38	452.69	7.00	0.000
88	D-Series 2 Luminaire, DSX2.2.LA364.FW	584.11	452.65	7.00	0.000
89	D-Series 2 Luminaire, DSX2.2.LA364.FW	568.08	452.77	7.00	0.000

1 Exterior 1

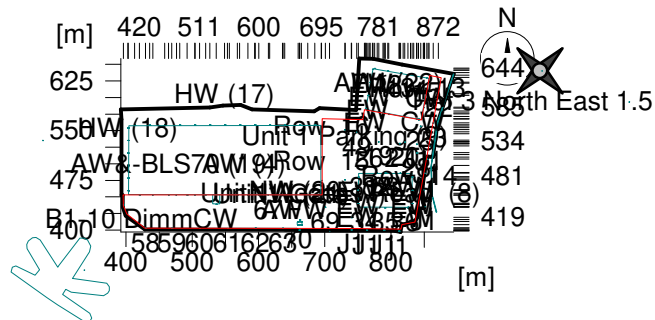
1.2 Calculation results, Exterior 1

1.2.1 Luminous intensity - Ref 4 North 1.5

90	D-Series 2 Luminaire, DSX2.2.LA364.FW	556.06	452.65	7.00	0.000
91	Denver iD Wall, DWL.1.LA044.AY.W025	403.30	478.84	3.92	0.000
92	Denver iD Wall, DWL.1.LA044.AY.W025	403.35	459.89	3.92	0.000
93	D-Series 2 Luminaire, DSX2.2.LA364.FW	614.87	453.15	7.00	0.000
94	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	420.28	452.76	7.00	0.000
95	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	440.41	452.86	7.00	0.000
96	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	464.33	452.96	7.00	0.000
97	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	476.17	453.06	7.00	0.000
98	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	492.22	453.17	7.00	0.000
99	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	504.10	453.27	7.00	0.000
100	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	520.38	453.37	7.00	0.000
101	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	694.89	460.35	0.94	0.000
102	G1,	701.13	435.08	8.00	0.000
103	Denver Elite Wall, DEW.LA024.CGL.NR	659.79	412.98	3.98	0.000
104	Denver Elite Wall, DEW.LA024.CGL.NR	664.53	412.94	3.98	0.000
105	Denver Elite Wall, DEW.LA024.CGL.NR	659.70	408.34	2.98	0.000
106	Denver Elite Wall, DEW.LA024.CGL.NR	659.66	408.32	3.98	0.000
107	Denver Elite Wall, DEW.LA024.CGL.NR	664.48	408.34	3.98	0.000
108	D-Series 2 Luminaire, DSX2.2.LA364.FW	772.91	579.58	8.00	0.000
109	D-Series 2 Luminaire, DSX2.2.LA364.FW	788.00	576.83	8.00	0.000
110	D-Series 2 Luminaire, DSX2.2.LA364.FW	796.59	575.22	8.00	0.000
111	D-Series 2 Luminaire, DSX2.2.LA364.FW	818.18	571.33	8.00	0.000

1.2 Calculation results, Exterior 1

1.2.2 Luminous intensity - Ref 3 North East 1.5



Measuring point for luminous intensity: Ref 3 North East 1.5

Position : x = 1024.92 m, y = 640.05 m, z = 1.50 m

No.	Luminaire	Position Lumin. intensity			
		x[m]	y[m]	z[m]	I[kcd]
1	A1,	767.02	531.26	10.00	0.424
2	B1,	820.96	533.16	10.00	0.405
3	A1,	812.97	530.97	10.00	0.366
4	B1,	781.39	533.64	10.00	0.357
5	D-Series 2 Luminaire, DSX2.2.LA364.FW	814.38	486.77	8.00	0.347
6	D-Series 2 Luminaire, DSX2.2.LA364.FW	791.22	486.73	8.00	0.334
7	D-Series 2 Luminaire, DSX2.2.LA364.FW	779.11	486.84	8.00	0.324
8	D-Series 2 Luminaire, DSX2.2.LA364.FW	759.71	486.76	8.00	0.309
9	D-Series 1 Luminaire, DSX1.2.LA224.FW	695.03	475.25	8.00	0.083
10	D-Series 0 Area luminaire, DSX0.1.LA114.FW	849.59	585.42	8.00	0.079
11	C1,	839.08	516.80	8.00	0.069
12	D-Series 0 Area luminaire, DSX0.1.LA114.FW	856.21	621.70	8.00	0.063
13	D1,	844.67	557.07	6.00	0.044
14	D1,	871.71	605.96	6.00	0.037
15	D1,	863.55	561.69	6.00	0.037
16	G1,	730.68	476.65	8.00	0.023
17	G1,	730.74	514.10	8.00	0.023
18	J1,	854.03	507.24	8.00	0.012
19	J1,	838.76	529.89	8.00	0.010
20	J1,	857.60	526.86	8.00	0.009
21	J1,	850.83	486.16	8.00	0.007
22	J1,	848.57	460.82	8.00	0.007
23	J1,	850.20	435.92	8.00	0.007
24	J1,	812.22	398.76	8.00	0.002
25	Denver iD Wall, DWL.1.LA034.NR.W018	831.90	480.52	4.00	0.000
26	Denver iD Wall, DWL.1.LA034.NR.W018	775.26	644.43	4.00	0.000
27	Denver iD Wall, DWL.1.LA034.NR.W018	761.64	583.96	4.00	0.000
28	Denver iD Wall, DWL.1.LA034.NR.W018	765.17	603.57	4.00	0.000
29	Denver iD Wall, DWL.1.LA034.NR.W018	768.55	623.37	4.00	0.000
30	Denver iD Wall, DWL.1.LA034.NR.W018	772.02	642.90	4.00	0.000
31	G1,	730.60	439.30	8.00	0.000

1.2 Calculation results, Exterior 1

1.2.2 Luminous intensity - Ref 3 North East 1.5

32	G1,	730.66	551.85	8.00	0.000
33	E1,	740.76	419.33	8.00	0.000
34	E1,	707.42	399.51	8.00	0.000
35	D1-8,	661.69	400.45	8.00	0.000
36	D1-8,	662.29	415.83	8.00	0.000
37	B1,	396.01	438.50	10.00	0.000
38	D-Series 1 Luminaire, DSX1.2.LA224.FW	760.71	434.26	8.00	0.000
39	D-Series 1 Luminaire, DSX1.2.LA224.FW	790.78	434.08	8.00	0.000
40	Denver iD Wall, DWL.1.LA034.NR.W018	853.88	630.24	4.00	0.000
41	Denver iD Wall, DWL.1.LA034.NR.W018	750.55	480.48	4.00	0.000
42	Denver iD Wall, DWL.1.LA034.NR.W018	750.51	460.54	4.00	0.000
43	Denver iD Wall, DWL.1.LA034.NR.W018	750.53	440.59	4.00	0.000
44	D-Series 0 Area luminaire, DSX0.1.LA114.FW	536.20	439.51	8.00	0.000
45	D-Series 2 Luminaire, DSX2.2.LA364.FW	636.38	452.79	8.00	0.000
46	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	838.51	568.22	0.94	0.000
47	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	841.39	567.47	0.94	0.000
48	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	825.63	434.46	0.94	0.000
49	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	829.39	434.52	0.94	0.000
50	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	694.87	455.60	0.94	0.000
51	D-Series 2 Luminaire, DSX2.2.LA364.FW	600.38	452.69	7.00	0.000
52	J1,	740.14	400.60	8.00	0.000
53	J1,	789.49	400.23	8.00	0.000
54	J1,	763.33	400.12	8.00	0.000
55	Denver iD Wall, DWL.1.LA034.NR.W018	834.30	634.00	4.00	0.000
56	D-Series 1 Luminaire, DSX1.2.LA224.FW	674.52	452.98	8.00	0.000
57	Denver iD Wall, DWL.1.LA034.NR.W018	814.61	637.54	4.00	0.000
58	D-Series 1 Luminaire, DSX1.2.LA224.FW	820.66	434.24	8.00	0.000
59	B1,	748.37	548.12	10.00	0.000
60	Denver iD Wall, DWL.1.LA034.NR.W018	794.98	641.02	4.00	0.000
61	Denver iD Wall, DWL.1.LA034.NR.W018	831.96	460.41	4.00	0.000
62	Denver iD Wall, DWL.1.LA034.NR.W018	832.03	440.50	4.00	0.000
63	D-Series 1 Luminaire, DSX1.2.LA224.FW	695.15	545.33	8.00	0.000
64	D-Series 1 Luminaire, DSX1.2.LA224.FW	695.15	510.36	8.00	0.000
65	D-Series 2 Luminaire, DSX2.2.LA364.FW	584.11	452.65	7.00	0.000
66	B1,	429.49	403.54	10.00	0.000
67	B1,	469.20	403.36	10.00	0.000
68	B1,	511.19	402.97	10.00	0.000
69	B1,	553.17	402.91	10.00	0.000
70	B1,	595.16	403.26	10.00	0.000
71	B1,	636.94	403.10	10.00	0.000
72	D-Series 2 Luminaire, DSX2.2.LA364.FW	568.08	452.77	7.00	0.000
73	D-Series 2 Luminaire, DSX2.2.LA364.FW	556.06	452.65	7.00	0.000
74	Denver iD Wall, DWL.1.LA044.AY.W025	684.94	558.95	3.92	0.000
75	Denver iD Wall, DWL.1.LA044.AY.W025	662.28	558.94	3.92	0.000
76	Denver iD Wall, DWL.1.LA044.AY.W025	639.62	558.93	3.92	0.000
77	Denver iD Wall, DWL.1.LA044.AY.W025	616.96	558.92	3.92	0.000
78	Denver iD Wall, DWL.1.LA044.AY.W025	594.31	558.92	3.92	0.000
79	Denver iD Wall, DWL.1.LA044.AY.W025	571.65	558.91	3.92	0.000
80	Denver iD Wall, DWL.1.LA044.AY.W025	548.99	558.90	3.92	0.000
81	Denver iD Wall, DWL.1.LA044.AY.W025	526.33	558.90	3.92	0.000
82	Denver iD Wall, DWL.1.LA044.AY.W025	503.68	558.89	3.92	0.000
83	Denver iD Wall, DWL.1.LA044.AY.W025	481.02	558.88	3.92	0.000
84	Denver iD Wall, DWL.1.LA044.AY.W025	458.36	558.87	3.92	0.000
85	Denver iD Wall, DWL.1.LA044.AY.W025	435.70	558.87	3.92	0.000
86	Denver iD Wall, DWL.1.LA044.AY.W025	413.05	558.86	3.92	0.000
87	Denver iD Wall, DWL.1.LA044.AY.W025	403.09	554.62	3.92	0.000
88	Denver iD Wall, DWL.1.LA044.AY.W025	403.14	535.67	3.92	0.000
89	Denver iD Wall, DWL.1.LA044.AY.W025	403.20	516.73	3.92	0.000

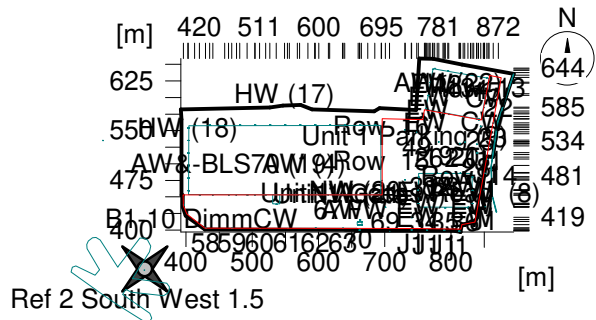
1.2 Calculation results, Exterior 1

1.2.2 Luminous intensity - Ref 3 North East 1.5

90	Denver iD Wall, DWL.1.LA044.AY.W025	403.25	497.78	3.92	0.000
91	Denver iD Wall, DWL.1.LA044.AY.W025	403.30	478.84	3.92	0.000
92	Denver iD Wall, DWL.1.LA044.AY.W025	403.35	459.89	3.92	0.000
93	D-Series 2 Luminaire, DSX2.2.LA364.FW	614.87	453.15	7.00	0.000
94	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	420.28	452.76	7.00	0.000
95	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	440.41	452.86	7.00	0.000
96	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	464.33	452.96	7.00	0.000
97	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	476.17	453.06	7.00	0.000
98	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	492.22	453.17	7.00	0.000
99	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	504.10	453.27	7.00	0.000
100	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	520.38	453.37	7.00	0.000
101	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	694.89	460.35	0.94	0.000
102	G1,	701.13	435.08	8.00	0.000
103	Denver Elite Wall, DEW.LA024.CGL.NR	659.79	412.98	3.98	0.000
104	Denver Elite Wall, DEW.LA024.CGL.NR	664.53	412.94	3.98	0.000
105	Denver Elite Wall, DEW.LA024.CGL.NR	659.70	408.34	2.98	0.000
106	Denver Elite Wall, DEW.LA024.CGL.NR	659.66	408.32	3.98	0.000
107	Denver Elite Wall, DEW.LA024.CGL.NR	664.48	408.34	3.98	0.000
108	D-Series 2 Luminaire, DSX2.2.LA364.FW	772.91	579.58	8.00	0.000
109	D-Series 2 Luminaire, DSX2.2.LA364.FW	788.00	576.83	8.00	0.000
110	D-Series 2 Luminaire, DSX2.2.LA364.FW	796.59	575.22	8.00	0.000
111	D-Series 2 Luminaire, DSX2.2.LA364.FW	818.18	571.33	8.00	0.000

1.2 Calculation results, Exterior 1

1.2.3 Luminous intensity - Ref 2 South West 1.5



Measuring point for luminous intensity: Ref 2 South West 1.5

Position : x = 338.11 m, y = 340.82 m, z = 1.50 m

No.	Luminaire	Position Lumin. intensity			
		x[m]	y[m]	z[m]	I[kcd]
1	B1,	396.01	438.50	10.00	0.416
2	B1,	429.49	403.54	10.00	0.411
3	B1,	511.19	402.97	10.00	0.393
4	B1,	469.20	403.36	10.00	0.387
5	D1-8,	661.69	400.45	8.00	0.315
6	B1,	553.17	402.91	10.00	0.264
7	D1-8,	662.29	415.83	8.00	0.242
8	D-Series 2 Luminaire, DSX2.2.LA364.FW	568.08	452.77	7.00	0.224
9	D-Series 2 Luminaire, DSX2.2.LA364.FW	636.38	452.79	8.00	0.217
10	D-Series 2 Luminaire, DSX2.2.LA364.FW	584.11	452.65	7.00	0.213
11	D-Series 2 Luminaire, DSX2.2.LA364.FW	600.38	452.69	7.00	0.203
12	D-Series 2 Luminaire, DSX2.2.LA364.FW	614.87	453.15	7.00	0.194
13	B1,	595.16	403.26	10.00	0.191
14	D-Series 1 Luminaire, DSX1.2.LA224.FW	674.52	452.98	8.00	0.166
15	B1,	636.94	403.10	10.00	0.149
16	D-Series 1 Luminaire, DSX1.2.LA224.FW	760.71	434.26	8.00	0.125
17	D-Series 0 Area luminaire, DSX0.1.LA114.FW	536.20	439.51	8.00	0.124
18	D-Series 1 Luminaire, DSX1.2.LA224.FW	790.78	434.08	8.00	0.113
19	D-Series 1 Luminaire, DSX1.2.LA224.FW	820.66	434.24	8.00	0.103
20	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	420.28	452.76	7.00	0.086
21	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	440.41	452.86	7.00	0.082
22	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	464.33	452.96	7.00	0.076
23	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	476.17	453.06	7.00	0.073
24	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	492.22	453.17	7.00	0.069
25	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	504.10	453.27	7.00	0.065
26	E1,	707.42	399.51	8.00	0.064
27	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	520.38	453.37	7.00	0.057
28	Denver iD Wall, DWL.1.LA044.AY.W025	403.30	478.84	3.92	0.027
29	Denver iD Wall, DWL.1.LA044.AY.W025	403.35	459.89	3.92	0.026
30	Denver iD Wall, DWL.1.LA044.AY.W025	403.25	497.78	3.92	0.023
31	Denver iD Wall, DWL.1.LA044.AY.W025	403.20	516.73	3.92	0.020

1.2 Calculation results, Exterior 1

1.2.3 Luminous intensity - Ref 2 South West 1.5

32	Denver iD Wall, DWL.1.LA044.AY.W025	403.14	535.67	3.92	0.019
33	E1,	740.76	419.33	8.00	0.018
34	G1,	701.13	435.08	8.00	0.018
35	Denver iD Wall, DWL.1.LA044.AY.W025	403.09	554.62	3.92	0.018
36	G1,	730.60	439.30	8.00	0.016
37	Denver Elite Wall, DEW.LA024.CGL.NR	659.66	408.32	3.98	0.014
38	Denver Elite Wall, DEW.LA024.CGL.NR	659.70	408.34	2.98	0.014
39	Denver Elite Wall, DEW.LA024.CGL.NR	659.79	412.98	3.98	0.013
40	Denver Elite Wall, DEW.LA024.CGL.NR	664.48	408.34	3.98	0.012
41	J1,	812.22	398.76	8.00	0.003
42	J1,	740.14	400.60	8.00	0.003
43	J1,	763.33	400.12	8.00	0.002
44	J1,	789.49	400.23	8.00	0.002
45	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	825.63	434.46	0.94	0.002
46	J1,	850.20	435.92	8.00	0.002
47	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	829.39	434.52	0.94	0.002
48	Denver iD Wall, DWL.1.LA034.NR.W018	750.53	440.59	4.00	0.000
49	Denver iD Wall, DWL.1.LA034.NR.W018	750.51	460.54	4.00	0.000
50	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	838.51	568.22	0.94	0.000
51	J1,	854.03	507.24	8.00	0.000
52	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	841.39	567.47	0.94	0.000
53	D-Series 2 Luminaire, DSX2.2.LA364.FW	814.38	486.77	8.00	0.000
54	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	694.89	460.35	0.94	0.000
55	J1,	857.60	526.86	8.00	0.000
56	J1,	850.83	486.16	8.00	0.000
57	J1,	848.57	460.82	8.00	0.000
58	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	694.87	455.60	0.94	0.000
59	B1,	748.37	548.12	10.00	0.000
60	Denver iD Wall, DWL.1.LA034.NR.W018	831.90	480.52	4.00	0.000
61	Denver iD Wall, DWL.1.LA034.NR.W018	831.96	460.41	4.00	0.000
62	Denver iD Wall, DWL.1.LA034.NR.W018	832.03	440.50	4.00	0.000
63	D-Series 1 Luminaire, DSX1.2.LA224.FW	695.15	545.33	8.00	0.000
64	D-Series 1 Luminaire, DSX1.2.LA224.FW	695.15	510.36	8.00	0.000
65	D-Series 1 Luminaire, DSX1.2.LA224.FW	695.03	475.25	8.00	0.000
66	D-Series 2 Luminaire, DSX2.2.LA364.FW	779.11	486.84	8.00	0.000
67	D-Series 2 Luminaire, DSX2.2.LA364.FW	759.71	486.76	8.00	0.000
68	C1,	839.08	516.80	8.00	0.000
69	A1,	812.97	530.97	10.00	0.000
70	A1,	767.02	531.26	10.00	0.000
71	D1,	844.67	557.07	6.00	0.000
72	D-Series 0 Area luminaire, DSX0.1.LA114.FW	849.59	585.42	8.00	0.000
73	D-Series 0 Area luminaire, DSX0.1.LA114.FW	856.21	621.70	8.00	0.000
74	Denver iD Wall, DWL.1.LA044.AY.W025	684.94	558.95	3.92	0.000
75	Denver iD Wall, DWL.1.LA044.AY.W025	662.28	558.94	3.92	0.000
76	Denver iD Wall, DWL.1.LA044.AY.W025	639.62	558.93	3.92	0.000
77	Denver iD Wall, DWL.1.LA044.AY.W025	616.96	558.92	3.92	0.000
78	Denver iD Wall, DWL.1.LA044.AY.W025	594.31	558.92	3.92	0.000
79	Denver iD Wall, DWL.1.LA044.AY.W025	571.65	558.91	3.92	0.000
80	Denver iD Wall, DWL.1.LA044.AY.W025	548.99	558.90	3.92	0.000
81	Denver iD Wall, DWL.1.LA044.AY.W025	526.33	558.90	3.92	0.000
82	Denver iD Wall, DWL.1.LA044.AY.W025	503.68	558.89	3.92	0.000
83	Denver iD Wall, DWL.1.LA044.AY.W025	481.02	558.88	3.92	0.000
84	Denver iD Wall, DWL.1.LA044.AY.W025	458.36	558.87	3.92	0.000
85	Denver iD Wall, DWL.1.LA044.AY.W025	435.70	558.87	3.92	0.000
86	Denver iD Wall, DWL.1.LA044.AY.W025	413.05	558.86	3.92	0.000
87	D1,	863.55	561.69	6.00	0.000
88	D1,	871.71	605.96	6.00	0.000
89	B1,	820.96	533.16	10.00	0.000

Object :
 Installation : Hinckley Park, DZ3
 Project number : P186-694-G1
 Date : 07.06.2023

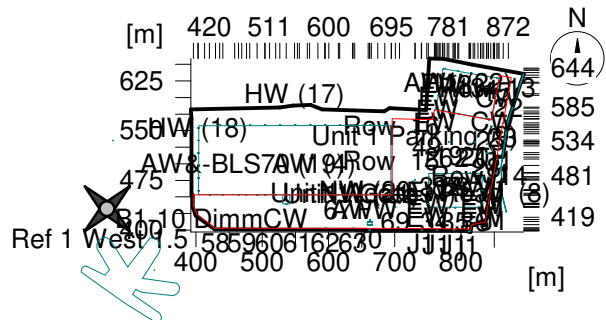
1.2 Calculation results, Exterior 1

1.2.3 Luminous intensity - Ref 2 South West 1.5

90	J1,	838.76	529.89	8.00	0.000
91	B1,	781.39	533.64	10.00	0.000
92	Denver iD Wall, DWL.1.LA034.NR.W018	853.88	630.24	4.00	0.000
93	Denver iD Wall, DWL.1.LA034.NR.W018	834.30	634.00	4.00	0.000
94	Denver iD Wall, DWL.1.LA034.NR.W018	814.61	637.54	4.00	0.000
95	Denver iD Wall, DWL.1.LA034.NR.W018	794.98	641.02	4.00	0.000
96	Denver iD Wall, DWL.1.LA034.NR.W018	775.26	644.43	4.00	0.000
97	Denver iD Wall, DWL.1.LA034.NR.W018	761.64	583.96	4.00	0.000
98	Denver iD Wall, DWL.1.LA034.NR.W018	765.17	603.57	4.00	0.000
99	Denver iD Wall, DWL.1.LA034.NR.W018	768.55	623.37	4.00	0.000
100	Denver iD Wall, DWL.1.LA034.NR.W018	772.02	642.90	4.00	0.000
101	D-Series 2 Luminaire, DSX2.2.LA364.FW	791.22	486.73	8.00	0.000
102	G1,	730.68	476.65	8.00	0.000
103	G1,	730.74	514.10	8.00	0.000
104	Denver Elite Wall, DEW.LA024.CGL.NR	664.53	412.94	3.98	0.000
105	G1,	730.66	551.85	8.00	0.000
106	D-Series 2 Luminaire, DSX2.2.LA364.FW	556.06	452.65	7.00	0.000
107	Denver iD Wall, DWL.1.LA034.NR.W018	750.55	480.48	4.00	0.000
108	D-Series 2 Luminaire, DSX2.2.LA364.FW	772.91	579.58	8.00	0.000
109	D-Series 2 Luminaire, DSX2.2.LA364.FW	788.00	576.83	8.00	0.000
110	D-Series 2 Luminaire, DSX2.2.LA364.FW	796.59	575.22	8.00	0.000
111	D-Series 2 Luminaire, DSX2.2.LA364.FW	818.18	571.33	8.00	0.000

1.2 Calculation results, Exterior 1

1.2.4 Luminous intensity - Ref 1 West 1.5



Measuring point for luminous intensity: Ref 1 West 1.5

Position : x = 266.37 m, y = 431.73 m, z = 1.50 m

No.	Luminaire	Position Lumin. intensity			
		x[m]	y[m]	z[m]	I[kcd]
1	B1,	429.49	403.54	10.00	0.349
2	B1,	511.19	402.97	10.00	0.272
3	B1,	469.20	403.36	10.00	0.245
4	B1,	553.17	402.91	10.00	0.220
5	B1,	595.16	403.26	10.00	0.183
6	B1,	636.94	403.10	10.00	0.154
7	B1,	396.01	438.50	10.00	0.132
8	D1-8,	661.69	400.45	8.00	0.126
9	D1-8,	662.29	415.83	8.00	0.121
10	D-Series 0 Area luminaire, DSX0.1.LA114.FW	536.20	439.51	8.00	0.042
11	D-Series 1 Luminaire, DSX1.2.LA224.FW	760.71	434.26	8.00	0.037
12	D-Series 1 Luminaire, DSX1.2.LA224.FW	790.78	434.08	8.00	0.035
13	D-Series 1 Luminaire, DSX1.2.LA224.FW	820.66	434.24	8.00	0.034
14	E1,	707.42	399.51	8.00	0.030
15	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	420.28	452.76	7.00	0.021
16	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	440.41	452.86	7.00	0.017
17	Denver Elite Wall, DEW.LA024.CGL.NR	659.70	408.34	2.98	0.016
18	G1,	701.13	435.08	8.00	0.016
19	G1,	730.60	439.30	8.00	0.015
20	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	464.33	452.96	7.00	0.014
21	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	476.17	453.06	7.00	0.013
22	E1,	740.76	419.33	8.00	0.012
23	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	492.22	453.17	7.00	0.012
24	Denver iD Wall, DWL.1.LA044.AY.W025	403.09	554.62	3.92	0.011
25	Denver Elite Wall, DEW.LA024.CGL.NR	659.66	408.32	3.98	0.011
26	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	504.10	453.27	7.00	0.011
27	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	520.38	453.37	7.00	0.010
28	Denver iD Wall, DWL.1.LA044.AY.W025	403.14	535.67	3.92	0.008
29	Denver Elite Wall, DEW.LA024.CGL.NR	659.79	412.98	3.98	0.006
30	Denver Elite Wall, DEW.LA024.CGL.NR	664.53	412.94	3.98	0.005
31	Denver iD Wall, DWL.1.LA044.AY.W025	403.20	516.73	3.92	0.004

1.2 Calculation results, Exterior 1

1.2.4 Luminous intensity - Ref 1 West 1.5

32	Denver iD Wall, DWL.1.LA044.AY.W025	403.25	497.78	3.92	0.003
33	Denver iD Wall, DWL.1.LA044.AY.W025	403.30	478.84	3.92	0.003
34	Denver iD Wall, DWL.1.LA044.AY.W025	403.35	459.89	3.92	0.002
35	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	829.39	434.52	0.94	0.002
36	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	825.63	434.46	0.94	0.002
37	J1,	740.14	400.60	8.00	0.002
38	J1,	763.33	400.12	8.00	0.002
39	J1,	812.22	398.76	8.00	0.002
40	J1,	789.49	400.23	8.00	0.002
41	Denver iD Wall, DWL.1.LA034.NR.W018	750.53	440.59	4.00	0.000
42	Denver iD Wall, DWL.1.LA034.NR.W018	750.51	460.54	4.00	0.000
43	Denver iD Wall, DWL.1.LA034.NR.W018	750.55	480.48	4.00	0.000
44	J1,	854.03	507.24	8.00	0.000
45	J1,	857.60	526.86	8.00	0.000
46	D-Series 2 Luminaire, DSX2.2.LA364.FW	779.11	486.84	8.00	0.000
47	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	841.39	567.47	0.94	0.000
48	D-Series 2 Luminaire, DSX2.2.LA364.FW	759.71	486.76	8.00	0.000
49	C1,	839.08	516.80	8.00	0.000
50	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	694.87	455.60	0.94	0.000
51	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	694.89	460.35	0.94	0.000
52	A1,	812.97	530.97	10.00	0.000
53	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	838.51	568.22	0.94	0.000
54	A1,	767.02	531.26	10.00	0.000
55	D-Series 2 Luminaire, DSX2.2.LA364.FW	814.38	486.77	8.00	0.000
56	J1,	850.83	486.16	8.00	0.000
57	J1,	848.57	460.82	8.00	0.000
58	J1,	850.20	435.92	8.00	0.000
59	B1,	748.37	548.12	10.00	0.000
60	Denver iD Wall, DWL.1.LA034.NR.W018	831.90	480.52	4.00	0.000
61	Denver iD Wall, DWL.1.LA034.NR.W018	831.96	460.41	4.00	0.000
62	Denver iD Wall, DWL.1.LA034.NR.W018	832.03	440.50	4.00	0.000
63	D-Series 1 Luminaire, DSX1.2.LA224.FW	695.15	545.33	8.00	0.000
64	D-Series 1 Luminaire, DSX1.2.LA224.FW	695.15	510.36	8.00	0.000
65	D-Series 1 Luminaire, DSX1.2.LA224.FW	695.03	475.25	8.00	0.000
66	D1,	844.67	557.07	6.00	0.000
67	D1,	863.55	561.69	6.00	0.000
68	D1,	871.71	605.96	6.00	0.000
69	B1,	820.96	533.16	10.00	0.000
70	J1,	838.76	529.89	8.00	0.000
71	B1,	781.39	533.64	10.00	0.000
72	D-Series 0 Area luminaire, DSX0.1.LA114.FW	849.59	585.42	8.00	0.000
73	D-Series 0 Area luminaire, DSX0.1.LA114.FW	856.21	621.70	8.00	0.000
74	Denver iD Wall, DWL.1.LA044.AY.W025	684.94	558.95	3.92	0.000
75	Denver iD Wall, DWL.1.LA044.AY.W025	662.28	558.94	3.92	0.000
76	Denver iD Wall, DWL.1.LA044.AY.W025	639.62	558.93	3.92	0.000
77	Denver iD Wall, DWL.1.LA044.AY.W025	616.96	558.92	3.92	0.000
78	Denver iD Wall, DWL.1.LA044.AY.W025	594.31	558.92	3.92	0.000
79	Denver iD Wall, DWL.1.LA044.AY.W025	571.65	558.91	3.92	0.000
80	Denver iD Wall, DWL.1.LA044.AY.W025	548.99	558.90	3.92	0.000
81	Denver iD Wall, DWL.1.LA044.AY.W025	526.33	558.90	3.92	0.000
82	Denver iD Wall, DWL.1.LA044.AY.W025	503.68	558.89	3.92	0.000
83	Denver iD Wall, DWL.1.LA044.AY.W025	481.02	558.88	3.92	0.000
84	Denver iD Wall, DWL.1.LA044.AY.W025	458.36	558.87	3.92	0.000
85	Denver iD Wall, DWL.1.LA044.AY.W025	435.70	558.87	3.92	0.000
86	Denver iD Wall, DWL.1.LA044.AY.W025	413.05	558.86	3.92	0.000
87	Denver iD Wall, DWL.1.LA034.NR.W018	853.88	630.24	4.00	0.000
88	Denver iD Wall, DWL.1.LA034.NR.W018	834.30	634.00	4.00	0.000
89	Denver iD Wall, DWL.1.LA034.NR.W018	814.61	637.54	4.00	0.000

Object :
 Installation : Hinckley Park, DZ3
 Project number : P186-694-G1
 Date : 07.06.2023

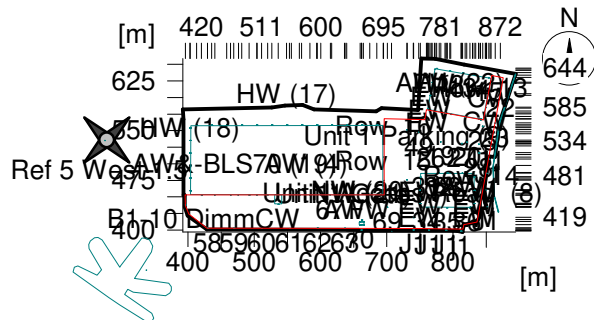
1.2 Calculation results, Exterior 1

1.2.4 Luminous intensity - Ref 1 West 1.5

90	Denver iD Wall, DWL.1.LA034.NR.W018	794.98	641.02	4.00	0.000
91	Denver iD Wall, DWL.1.LA034.NR.W018	775.26	644.43	4.00	0.000
92	Denver iD Wall, DWL.1.LA034.NR.W018	761.64	583.96	4.00	0.000
93	D-Series 2 Luminaire, DSX2.2.LA364.FW	614.87	453.15	7.00	0.000
94	Denver iD Wall, DWL.1.LA034.NR.W018	765.17	603.57	4.00	0.000
95	Denver iD Wall, DWL.1.LA034.NR.W018	768.55	623.37	4.00	0.000
96	Denver iD Wall, DWL.1.LA034.NR.W018	772.02	642.90	4.00	0.000
97	G1,	730.68	476.65	8.00	0.000
98	G1,	730.74	514.10	8.00	0.000
99	G1,	730.66	551.85	8.00	0.000
100	D-Series 2 Luminaire, DSX2.2.LA364.FW	636.38	452.79	8.00	0.000
101	D-Series 2 Luminaire, DSX2.2.LA364.FW	791.22	486.73	8.00	0.000
102	D-Series 2 Luminaire, DSX2.2.LA364.FW	600.38	452.69	7.00	0.000
103	D-Series 2 Luminaire, DSX2.2.LA364.FW	584.11	452.65	7.00	0.000
104	D-Series 2 Luminaire, DSX2.2.LA364.FW	568.08	452.77	7.00	0.000
105	D-Series 2 Luminaire, DSX2.2.LA364.FW	556.06	452.65	7.00	0.000
106	D-Series 1 Luminaire, DSX1.2.LA224.FW	674.52	452.98	8.00	0.000
107	Denver Elite Wall, DEW.LA024.CGL.NR	664.48	408.34	3.98	0.000
108	D-Series 2 Luminaire, DSX2.2.LA364.FW	772.91	579.58	8.00	0.000
109	D-Series 2 Luminaire, DSX2.2.LA364.FW	788.00	576.83	8.00	0.000
110	D-Series 2 Luminaire, DSX2.2.LA364.FW	796.59	575.22	8.00	0.000
111	D-Series 2 Luminaire, DSX2.2.LA364.FW	818.18	571.33	8.00	0.000

1.2 Calculation results, Exterior 1

1.2.5 Luminous intensity - Ref 5 West 1.5



Measuring point for luminous intensity: Ref 5 West 1.5

Position : x = 277.70 m, y = 535.81 m, z = 1.50 m

No.	Luminaire	Position Lumin. intensity			
		x[m]	y[m]	z[m]	I[kcd]
1	B1,	429.49	403.54	10.00	0.272
2	B1,	469.20	403.36	10.00	0.270
3	B1,	396.01	438.50	10.00	0.255
4	Denver iD Wall, DWL.1.LA044.AY.W025	403.35	459.89	3.92	0.004
5	Denver iD Wall, DWL.1.LA044.AY.W025	403.30	478.84	3.92	0.004
6	Denver iD Wall, DWL.1.LA044.AY.W025	403.25	497.78	3.92	0.003
7	Denver iD Wall, DWL.1.LA044.AY.W025	403.09	554.62	3.92	0.002
8	Denver iD Wall, DWL.1.LA044.AY.W025	403.20	516.73	3.92	0.002
9	Denver iD Wall, DWL.1.LA044.AY.W025	403.14	535.67	3.92	0.002
10	Denver iD Wall, DWL.1.LA034.NR.W018	768.55	623.37	4.00	0.000
11	Denver iD Wall, DWL.1.LA034.NR.W018	772.02	642.90	4.00	0.000
12	G1,	730.66	551.85	8.00	0.000
13	D1-8,	661.69	400.45	8.00	0.000
14	G1,	730.68	476.65	8.00	0.000
15	G1,	730.60	439.30	8.00	0.000
16	E1,	740.76	419.33	8.00	0.000
17	G1,	730.74	514.10	8.00	0.000
18	E1,	707.42	399.51	8.00	0.000
19	Denver iD Wall, DWL.1.LA034.NR.W018	765.17	603.57	4.00	0.000
20	Denver iD Wall, DWL.1.LA034.NR.W018	761.64	583.96	4.00	0.000
21	Denver iD Wall, DWL.1.LA034.NR.W018	775.26	644.43	4.00	0.000
22	Denver iD Wall, DWL.1.LA034.NR.W018	794.98	641.02	4.00	0.000
23	Denver iD Wall, DWL.1.LA034.NR.W018	814.61	637.54	4.00	0.000
24	Denver iD Wall, DWL.1.LA034.NR.W018	834.30	634.00	4.00	0.000
25	Denver iD Wall, DWL.1.LA034.NR.W018	853.88	630.24	4.00	0.000
26	B1,	781.39	533.64	10.00	0.000
27	J1,	838.76	529.89	8.00	0.000
28	B1,	820.96	533.16	10.00	0.000
29	D1,	871.71	605.96	6.00	0.000
30	D1,	863.55	561.69	6.00	0.000
31	D1,	844.67	557.07	6.00	0.000

1.2 Calculation results, Exterior 1

1.2.5 Luminous intensity - Ref 5 West 1.5

32	A1,	767.02	531.26	10.00	0.000
33	A1,	812.97	530.97	10.00	0.000
34	C1,	839.08	516.80	8.00	0.000
35	D-Series 2 Luminaire, DSX2.2.LA364.FW	759.71	486.76	8.00	0.000
36	D-Series 2 Luminaire, DSX2.2.LA364.FW	779.11	486.84	8.00	0.000
37	D-Series 2 Luminaire, DSX2.2.LA364.FW	814.38	486.77	8.00	0.000
38	D-Series 1 Luminaire, DSX1.2.LA224.FW	760.71	434.26	8.00	0.000
39	D-Series 1 Luminaire, DSX1.2.LA224.FW	790.78	434.08	8.00	0.000
40	D-Series 1 Luminaire, DSX1.2.LA224.FW	820.66	434.24	8.00	0.000
41	Denver iD Wall, DWL.1.LA034.NR.W018	750.55	480.48	4.00	0.000
42	Denver iD Wall, DWL.1.LA034.NR.W018	750.51	460.54	4.00	0.000
43	Denver iD Wall, DWL.1.LA034.NR.W018	750.53	440.59	4.00	0.000
44	J1,	854.03	507.24	8.00	0.000
45	J1,	857.60	526.86	8.00	0.000
46	D-Series 2 Luminaire, DSX2.2.LA364.FW	584.11	452.65	7.00	0.000
47	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	841.39	567.47	0.94	0.000
48	D-Series 2 Luminaire, DSX2.2.LA364.FW	600.38	452.69	7.00	0.000
49	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	829.39	434.52	0.94	0.000
50	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	694.87	455.60	0.94	0.000
51	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	694.89	460.35	0.94	0.000
52	J1,	740.14	400.60	8.00	0.000
53	J1,	789.49	400.23	8.00	0.000
54	J1,	763.33	400.12	8.00	0.000
55	J1,	812.22	398.76	8.00	0.000
56	J1,	850.83	486.16	8.00	0.000
57	J1,	848.57	460.82	8.00	0.000
58	J1,	850.20	435.92	8.00	0.000
59	B1,	748.37	548.12	10.00	0.000
60	Denver iD Wall, DWL.1.LA034.NR.W018	831.90	480.52	4.00	0.000
61	Denver iD Wall, DWL.1.LA034.NR.W018	831.96	460.41	4.00	0.000
62	Denver iD Wall, DWL.1.LA034.NR.W018	832.03	440.50	4.00	0.000
63	D-Series 1 Luminaire, DSX1.2.LA224.FW	695.15	545.33	8.00	0.000
64	D-Series 1 Luminaire, DSX1.2.LA224.FW	695.15	510.36	8.00	0.000
65	D-Series 1 Luminaire, DSX1.2.LA224.FW	695.03	475.25	8.00	0.000
66	D-Series 2 Luminaire, DSX2.2.LA364.FW	568.08	452.77	7.00	0.000
67	D-Series 2 Luminaire, DSX2.2.LA364.FW	556.06	452.65	7.00	0.000
68	B1,	511.19	402.97	10.00	0.000
69	B1,	553.17	402.91	10.00	0.000
70	B1,	595.16	403.26	10.00	0.000
71	B1,	636.94	403.10	10.00	0.000
72	D-Series 0 Area luminaire, DSX0.1.LA114.FW	849.59	585.42	8.00	0.000
73	D-Series 0 Area luminaire, DSX0.1.LA114.FW	856.21	621.70	8.00	0.000
74	Denver iD Wall, DWL.1.LA044.AY.W025	684.94	558.95	3.92	0.000
75	Denver iD Wall, DWL.1.LA044.AY.W025	662.28	558.94	3.92	0.000
76	Denver iD Wall, DWL.1.LA044.AY.W025	639.62	558.93	3.92	0.000
77	Denver iD Wall, DWL.1.LA044.AY.W025	616.96	558.92	3.92	0.000
78	Denver iD Wall, DWL.1.LA044.AY.W025	594.31	558.92	3.92	0.000
79	Denver iD Wall, DWL.1.LA044.AY.W025	571.65	558.91	3.92	0.000
80	Denver iD Wall, DWL.1.LA044.AY.W025	548.99	558.90	3.92	0.000
81	Denver iD Wall, DWL.1.LA044.AY.W025	526.33	558.90	3.92	0.000
82	Denver iD Wall, DWL.1.LA044.AY.W025	503.68	558.89	3.92	0.000
83	Denver iD Wall, DWL.1.LA044.AY.W025	481.02	558.88	3.92	0.000
84	Denver iD Wall, DWL.1.LA044.AY.W025	458.36	558.87	3.92	0.000
85	Denver iD Wall, DWL.1.LA044.AY.W025	435.70	558.87	3.92	0.000
86	Denver iD Wall, DWL.1.LA044.AY.W025	413.05	558.86	3.92	0.000
87	D-Series 0 Area luminaire, DSX0.1.LA114.FW	536.20	439.51	8.00	0.000
88	D1-8,	662.29	415.83	8.00	0.000
89	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	825.63	434.46	0.94	0.000

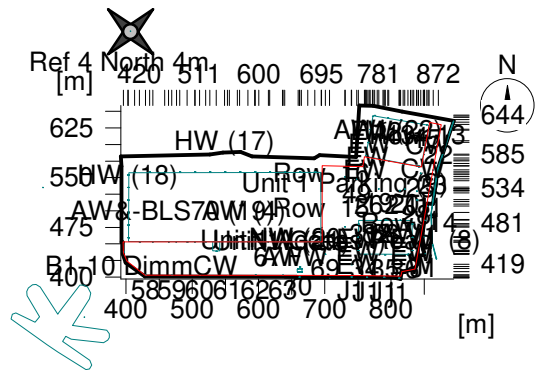
1.2 Calculation results, Exterior 1

1.2.5 Luminous intensity - Ref 5 West 1.5

90	D-Series 2 Luminaire, DSX2.2.LA364.FW	636.38	452.79	8.00	0.000
91	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	838.51	568.22	0.94	0.000
92	D-Series 1 Luminaire, DSX1.2.LA224.FW	674.52	452.98	8.00	0.000
93	D-Series 2 Luminaire, DSX2.2.LA364.FW	614.87	453.15	7.00	0.000
94	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	420.28	452.76	7.00	0.000
95	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	440.41	452.86	7.00	0.000
96	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	464.33	452.96	7.00	0.000
97	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	476.17	453.06	7.00	0.000
98	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	492.22	453.17	7.00	0.000
99	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	504.10	453.27	7.00	0.000
100	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	520.38	453.37	7.00	0.000
101	D-Series 2 Luminaire, DSX2.2.LA364.FW	791.22	486.73	8.00	0.000
102	G1,	701.13	435.08	8.00	0.000
103	Denver Elite Wall, DEW.LA024.CGL.NR	659.79	412.98	3.98	0.000
104	Denver Elite Wall, DEW.LA024.CGL.NR	664.53	412.94	3.98	0.000
105	Denver Elite Wall, DEW.LA024.CGL.NR	659.70	408.34	2.98	0.000
106	Denver Elite Wall, DEW.LA024.CGL.NR	659.66	408.32	3.98	0.000
107	Denver Elite Wall, DEW.LA024.CGL.NR	664.48	408.34	3.98	0.000
108	D-Series 2 Luminaire, DSX2.2.LA364.FW	772.91	579.58	8.00	0.000
109	D-Series 2 Luminaire, DSX2.2.LA364.FW	788.00	576.83	8.00	0.000
110	D-Series 2 Luminaire, DSX2.2.LA364.FW	796.59	575.22	8.00	0.000
111	D-Series 2 Luminaire, DSX2.2.LA364.FW	818.18	571.33	8.00	0.000

1.2 Calculation results, Exterior 1

1.2.6 Luminous intensity - Ref 4 North 4m



Measuring point for luminous intensity: Ref 4 North 4m

Position : x = 407.20 m, y = 770.14 m, z = 4.00 m

No.	Luminaire	Position Lumin. intensity			
		x[m]	y[m]	z[m]	I[kcd]
1	A1,	767.02	531.26	10.00	0.173
2	B1,	781.39	533.64	10.00	0.145
3	B1,	820.96	533.16	10.00	0.137
4	A1,	812.97	530.97	10.00	0.121
5	D-Series 2 Luminaire, DSX2.2.LA364.FW	791.22	486.73	8.00	0.115
6	D-Series 2 Luminaire, DSX2.2.LA364.FW	814.38	486.77	8.00	0.115
7	B1,	748.37	548.12	10.00	0.100
8	C1,	839.08	516.80	8.00	0.076
9	B1,	396.01	438.50	10.00	0.061
10	G1,	730.66	551.85	8.00	0.014
11	J1,	838.76	529.89	8.00	0.001
12	J1,	857.60	526.86	8.00	0.001
13	J1,	854.03	507.24	8.00	0.001
14	J1,	850.83	486.16	8.00	0.001
15	G1,	730.68	476.65	8.00	0.000
16	G1,	730.60	439.30	8.00	0.000
17	Denver iD Wall, DWL.1.LA034.NR.W018	772.02	642.90	4.00	0.000
18	Denver iD Wall, DWL.1.LA034.NR.W018	768.55	623.37	4.00	0.000
19	Denver iD Wall, DWL.1.LA034.NR.W018	765.17	603.57	4.00	0.000
20	Denver iD Wall, DWL.1.LA034.NR.W018	761.64	583.96	4.00	0.000
21	Denver iD Wall, DWL.1.LA034.NR.W018	775.26	644.43	4.00	0.000
22	Denver iD Wall, DWL.1.LA034.NR.W018	794.98	641.02	4.00	0.000
23	Denver iD Wall, DWL.1.LA034.NR.W018	814.61	637.54	4.00	0.000
24	Denver iD Wall, DWL.1.LA034.NR.W018	834.30	634.00	4.00	0.000
25	Denver iD Wall, DWL.1.LA034.NR.W018	853.88	630.24	4.00	0.000
26	G1,	730.74	514.10	8.00	0.000
27	E1,	740.76	419.33	8.00	0.000
28	E1,	707.42	399.51	8.00	0.000
29	D1,	871.71	605.96	6.00	0.000
30	D1,	863.55	561.69	6.00	0.000
31	D1,	844.67	557.07	6.00	0.000

1.2 Calculation results, Exterior 1

1.2.6 Luminous intensity - Ref 4 North 4m

32	D1-8,	661.69	400.45	8.00	0.000
33	D1-8,	662.29	415.83	8.00	0.000
34	D-Series 0 Area luminaire, DSX0.1.LA114.FW	536.20	439.51	8.00	0.000
35	D-Series 2 Luminaire, DSX2.2.LA364.FW	759.71	486.76	8.00	0.000
36	D-Series 2 Luminaire, DSX2.2.LA364.FW	779.11	486.84	8.00	0.000
37	D-Series 2 Luminaire, DSX2.2.LA364.FW	636.38	452.79	8.00	0.000
38	D-Series 1 Luminaire, DSX1.2.LA224.FW	760.71	434.26	8.00	0.000
39	D-Series 1 Luminaire, DSX1.2.LA224.FW	790.78	434.08	8.00	0.000
40	D-Series 1 Luminaire, DSX1.2.LA224.FW	820.66	434.24	8.00	0.000
41	Denver iD Wall, DWL.1.LA034.NR.W018	750.55	480.48	4.00	0.000
42	Denver iD Wall, DWL.1.LA034.NR.W018	750.51	460.54	4.00	0.000
43	Denver iD Wall, DWL.1.LA034.NR.W018	750.53	440.59	4.00	0.000
44	D-Series 2 Luminaire, DSX2.2.LA364.FW	600.38	452.69	7.00	0.000
45	D-Series 2 Luminaire, DSX2.2.LA364.FW	584.11	452.65	7.00	0.000
46	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	838.51	568.22	0.94	0.000
47	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	841.39	567.47	0.94	0.000
48	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	825.63	434.46	0.94	0.000
49	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	829.39	434.52	0.94	0.000
50	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	694.87	455.60	0.94	0.000
51	D-Series 2 Luminaire, DSX2.2.LA364.FW	568.08	452.77	7.00	0.000
52	J1,	740.14	400.60	8.00	0.000
53	J1,	789.49	400.23	8.00	0.000
54	J1,	763.33	400.12	8.00	0.000
55	J1,	812.22	398.76	8.00	0.000
56	D-Series 1 Luminaire, DSX1.2.LA224.FW	674.52	452.98	8.00	0.000
57	J1,	848.57	460.82	8.00	0.000
58	J1,	850.20	435.92	8.00	0.000
59	D-Series 2 Luminaire, DSX2.2.LA364.FW	556.06	452.65	7.00	0.000
60	Denver iD Wall, DWL.1.LA034.NR.W018	831.90	480.52	4.00	0.000
61	Denver iD Wall, DWL.1.LA034.NR.W018	831.96	460.41	4.00	0.000
62	Denver iD Wall, DWL.1.LA034.NR.W018	832.03	440.50	4.00	0.000
63	D-Series 1 Luminaire, DSX1.2.LA224.FW	695.15	545.33	8.00	0.000
64	D-Series 1 Luminaire, DSX1.2.LA224.FW	695.15	510.36	8.00	0.000
65	D-Series 1 Luminaire, DSX1.2.LA224.FW	695.03	475.25	8.00	0.000
66	B1,	429.49	403.54	10.00	0.000
67	B1,	469.20	403.36	10.00	0.000
68	B1,	511.19	402.97	10.00	0.000
69	B1,	553.17	402.91	10.00	0.000
70	B1,	595.16	403.26	10.00	0.000
71	B1,	636.94	403.10	10.00	0.000
72	D-Series 0 Area luminaire, DSX0.1.LA114.FW	849.59	585.42	8.00	0.000
73	D-Series 0 Area luminaire, DSX0.1.LA114.FW	856.21	621.70	8.00	0.000
74	Denver iD Wall, DWL.1.LA044.AY.W025	684.94	558.95	3.92	0.000
75	Denver iD Wall, DWL.1.LA044.AY.W025	662.28	558.94	3.92	0.000
76	Denver iD Wall, DWL.1.LA044.AY.W025	639.62	558.93	3.92	0.000
77	Denver iD Wall, DWL.1.LA044.AY.W025	616.96	558.92	3.92	0.000
78	Denver iD Wall, DWL.1.LA044.AY.W025	594.31	558.92	3.92	0.000
79	Denver iD Wall, DWL.1.LA044.AY.W025	571.65	558.91	3.92	0.000
80	Denver iD Wall, DWL.1.LA044.AY.W025	548.99	558.90	3.92	0.000
81	Denver iD Wall, DWL.1.LA044.AY.W025	526.33	558.90	3.92	0.000
82	Denver iD Wall, DWL.1.LA044.AY.W025	503.68	558.89	3.92	0.000
83	Denver iD Wall, DWL.1.LA044.AY.W025	481.02	558.88	3.92	0.000
84	Denver iD Wall, DWL.1.LA044.AY.W025	458.36	558.87	3.92	0.000
85	Denver iD Wall, DWL.1.LA044.AY.W025	435.70	558.87	3.92	0.000
86	Denver iD Wall, DWL.1.LA044.AY.W025	413.05	558.86	3.92	0.000
87	Denver iD Wall, DWL.1.LA044.AY.W025	403.09	554.62	3.92	0.000
88	Denver iD Wall, DWL.1.LA044.AY.W025	403.14	535.67	3.92	0.000
89	Denver iD Wall, DWL.1.LA044.AY.W025	403.20	516.73	3.92	0.000

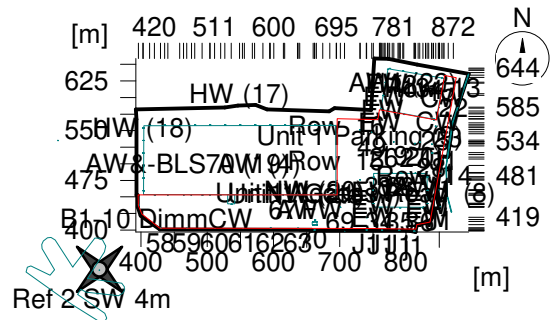
1.2 Calculation results, Exterior 1

1.2.6 Luminous intensity - Ref 4 North 4m

90	Denver iD Wall, DWL.1.LA044.AY.W025	403.25	497.78	3.92	0.000
91	Denver iD Wall, DWL.1.LA044.AY.W025	403.30	478.84	3.92	0.000
92	Denver iD Wall, DWL.1.LA044.AY.W025	403.35	459.89	3.92	0.000
93	D-Series 2 Luminaire, DSX2.2.LA364.FW	614.87	453.15	7.00	0.000
94	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	420.28	452.76	7.00	0.000
95	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	440.41	452.86	7.00	0.000
96	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	464.33	452.96	7.00	0.000
97	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	476.17	453.06	7.00	0.000
98	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	492.22	453.17	7.00	0.000
99	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	504.10	453.27	7.00	0.000
100	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	520.38	453.37	7.00	0.000
101	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	694.89	460.35	0.94	0.000
102	G1,	701.13	435.08	8.00	0.000
103	Denver Elite Wall, DEW.LA024.CGL.NR	659.79	412.98	3.98	0.000
104	Denver Elite Wall, DEW.LA024.CGL.NR	664.53	412.94	3.98	0.000
105	Denver Elite Wall, DEW.LA024.CGL.NR	659.70	408.34	2.98	0.000
106	Denver Elite Wall, DEW.LA024.CGL.NR	659.66	408.32	3.98	0.000
107	Denver Elite Wall, DEW.LA024.CGL.NR	664.48	408.34	3.98	0.000
108	D-Series 2 Luminaire, DSX2.2.LA364.FW	772.91	579.58	8.00	0.000
109	D-Series 2 Luminaire, DSX2.2.LA364.FW	788.00	576.83	8.00	0.000
110	D-Series 2 Luminaire, DSX2.2.LA364.FW	796.59	575.22	8.00	0.000
111	D-Series 2 Luminaire, DSX2.2.LA364.FW	818.18	571.33	8.00	0.000

1.2 Calculation results, Exterior 1

1.2.7 Luminous intensity - Ref 2 SW 4m



Measuring point for luminous intensity: Ref 2 SW 4m

Position : x = 337.82 m, y = 340.59 m, z = 4.00 m

No.	Luminaire	Position Lumin. intensity			
		x[m]	y[m]	z[m]	I[kcd]
1	B1,	396.01	438.50	10.00	0.337
2	B1,	469.20	403.36	10.00	0.327
3	B1,	429.49	403.54	10.00	0.318
4	B1,	511.19	402.97	10.00	0.287
5	D1-8,	661.69	400.45	8.00	0.194
6	B1,	553.17	402.91	10.00	0.187
7	D1-8,	662.29	415.83	8.00	0.149
8	B1,	595.16	403.26	10.00	0.135
9	D-Series 2 Luminaire, DSX2.2.LA364.FW	636.38	452.79	8.00	0.133
10	D-Series 2 Luminaire, DSX2.2.LA364.FW	568.08	452.77	7.00	0.122
11	D-Series 2 Luminaire, DSX2.2.LA364.FW	584.11	452.65	7.00	0.116
12	D-Series 2 Luminaire, DSX2.2.LA364.FW	600.38	452.69	7.00	0.111
13	D-Series 2 Luminaire, DSX2.2.LA364.FW	614.87	453.15	7.00	0.106
14	B1,	636.94	403.10	10.00	0.105
15	D-Series 1 Luminaire, DSX1.2.LA224.FW	674.52	452.98	8.00	0.102
16	D-Series 1 Luminaire, DSX1.2.LA224.FW	760.71	434.26	8.00	0.077
17	D-Series 0 Area luminaire, DSX0.1.LA114.FW	536.20	439.51	8.00	0.076
18	D-Series 1 Luminaire, DSX1.2.LA224.FW	790.78	434.08	8.00	0.069
19	D-Series 1 Luminaire, DSX1.2.LA224.FW	820.66	434.24	8.00	0.064
20	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	420.28	452.76	7.00	0.047
21	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	440.41	452.86	7.00	0.045
22	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	464.33	452.96	7.00	0.041
23	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	476.17	453.06	7.00	0.040
24	E1,	707.42	399.51	8.00	0.039
25	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	492.22	453.17	7.00	0.038
26	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	504.10	453.27	7.00	0.035
27	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	520.38	453.37	7.00	0.031
28	Denver Elite Wall, DEW.LA024.CGL.NR	659.70	408.34	2.98	0.014
29	Denver Elite Wall, DEW.LA024.CGL.NR	659.79	412.98	3.98	0.013
30	Denver Elite Wall, DEW.LA024.CGL.NR	659.66	408.32	3.98	0.013
31	Denver Elite Wall, DEW.LA024.CGL.NR	664.48	408.34	3.98	0.011

1.2 Calculation results, Exterior 1

1.2.7 Luminous intensity - Ref 2 SW 4m

32	E1,	740.76	419.33	8.00	0.011
33	G1,	701.13	435.08	8.00	0.011
34	G1,	730.60	439.30	8.00	0.010
35	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	825.63	434.46	0.94	0.002
36	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	829.39	434.52	0.94	0.002
37	J1,	812.22	398.76	8.00	0.002
38	J1,	740.14	400.60	8.00	0.002
39	J1,	763.33	400.12	8.00	0.002
40	J1,	789.49	400.23	8.00	0.001
41	J1,	850.20	435.92	8.00	0.001
42	Denver iD Wall, DWL.1.LA034.NR.W018	750.51	460.54	4.00	0.000
43	Denver iD Wall, DWL.1.LA034.NR.W018	750.53	440.59	4.00	0.000
44	J1,	854.03	507.24	8.00	0.000
45	J1,	857.60	526.86	8.00	0.000
46	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	838.51	568.22	0.94	0.000
47	Denver iD Wall, DWL.1.LA034.NR.W018	750.55	480.48	4.00	0.000
48	D1,	863.55	561.69	6.00	0.000
49	D1,	844.67	557.07	6.00	0.000
50	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	694.87	455.60	0.94	0.000
51	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	694.89	460.35	0.94	0.000
52	D-Series 2 Luminaire, DSX2.2.LA364.FW	814.38	486.77	8.00	0.000
53	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	841.39	567.47	0.94	0.000
54	B1,	820.96	533.16	10.00	0.000
55	D-Series 2 Luminaire, DSX2.2.LA364.FW	779.11	486.84	8.00	0.000
56	J1,	850.83	486.16	8.00	0.000
57	J1,	848.57	460.82	8.00	0.000
58	D1,	871.71	605.96	6.00	0.000
59	B1,	748.37	548.12	10.00	0.000
60	Denver iD Wall, DWL.1.LA034.NR.W018	831.90	480.52	4.00	0.000
61	Denver iD Wall, DWL.1.LA034.NR.W018	831.96	460.41	4.00	0.000
62	Denver iD Wall, DWL.1.LA034.NR.W018	832.03	440.50	4.00	0.000
63	D-Series 1 Luminaire, DSX1.2.LA224.FW	695.15	545.33	8.00	0.000
64	D-Series 1 Luminaire, DSX1.2.LA224.FW	695.15	510.36	8.00	0.000
65	D-Series 1 Luminaire, DSX1.2.LA224.FW	695.03	475.25	8.00	0.000
66	J1,	838.76	529.89	8.00	0.000
67	B1,	781.39	533.64	10.00	0.000
68	Denver iD Wall, DWL.1.LA034.NR.W018	853.88	630.24	4.00	0.000
69	D-Series 2 Luminaire, DSX2.2.LA364.FW	759.71	486.76	8.00	0.000
70	Denver iD Wall, DWL.1.LA034.NR.W018	814.61	637.54	4.00	0.000
71	Denver iD Wall, DWL.1.LA034.NR.W018	794.98	641.02	4.00	0.000
72	D-Series 0 Area luminaire, DSX0.1.LA114.FW	849.59	585.42	8.00	0.000
73	D-Series 0 Area luminaire, DSX0.1.LA114.FW	856.21	621.70	8.00	0.000
74	Denver iD Wall, DWL.1.LA044.AY.W025	684.94	558.95	3.92	0.000
75	Denver iD Wall, DWL.1.LA044.AY.W025	662.28	558.94	3.92	0.000
76	Denver iD Wall, DWL.1.LA044.AY.W025	639.62	558.93	3.92	0.000
77	Denver iD Wall, DWL.1.LA044.AY.W025	616.96	558.92	3.92	0.000
78	Denver iD Wall, DWL.1.LA044.AY.W025	594.31	558.92	3.92	0.000
79	Denver iD Wall, DWL.1.LA044.AY.W025	571.65	558.91	3.92	0.000
80	Denver iD Wall, DWL.1.LA044.AY.W025	548.99	558.90	3.92	0.000
81	Denver iD Wall, DWL.1.LA044.AY.W025	526.33	558.90	3.92	0.000
82	Denver iD Wall, DWL.1.LA044.AY.W025	503.68	558.89	3.92	0.000
83	Denver iD Wall, DWL.1.LA044.AY.W025	481.02	558.88	3.92	0.000
84	Denver iD Wall, DWL.1.LA044.AY.W025	458.36	558.87	3.92	0.000
85	Denver iD Wall, DWL.1.LA044.AY.W025	435.70	558.87	3.92	0.000
86	Denver iD Wall, DWL.1.LA044.AY.W025	413.05	558.86	3.92	0.000
87	Denver iD Wall, DWL.1.LA044.AY.W025	403.09	554.62	3.92	0.000
88	Denver iD Wall, DWL.1.LA044.AY.W025	403.14	535.67	3.92	0.000
89	Denver iD Wall, DWL.1.LA044.AY.W025	403.20	516.73	3.92	0.000

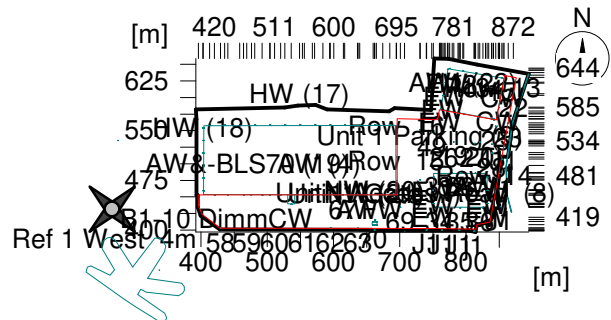
1.2 Calculation results, Exterior 1

1.2.7 Luminous intensity - Ref 2 SW 4m

90	Denver iD Wall, DWL.1.LA044.AY.W025	403.25	497.78	3.92	0.000
91	Denver iD Wall, DWL.1.LA044.AY.W025	403.30	478.84	3.92	0.000
92	Denver iD Wall, DWL.1.LA044.AY.W025	403.35	459.89	3.92	0.000
93	Denver iD Wall, DWL.1.LA034.NR.W018	775.26	644.43	4.00	0.000
94	Denver iD Wall, DWL.1.LA034.NR.W018	761.64	583.96	4.00	0.000
95	Denver iD Wall, DWL.1.LA034.NR.W018	765.17	603.57	4.00	0.000
96	Denver iD Wall, DWL.1.LA034.NR.W018	768.55	623.37	4.00	0.000
97	Denver iD Wall, DWL.1.LA034.NR.W018	772.02	642.90	4.00	0.000
98	C1,	839.08	516.80	8.00	0.000
99	G1,	730.68	476.65	8.00	0.000
100	G1,	730.74	514.10	8.00	0.000
101	D-Series 2 Luminaire, DSX2.2.LA364.FW	791.22	486.73	8.00	0.000
102	A1,	812.97	530.97	10.00	0.000
103	G1,	730.66	551.85	8.00	0.000
104	Denver Elite Wall, DEW.LA024.CGL.NR	664.53	412.94	3.98	0.000
105	Denver iD Wall, DWL.1.LA034.NR.W018	834.30	634.00	4.00	0.000
106	D-Series 2 Luminaire, DSX2.2.LA364.FW	556.06	452.65	7.00	0.000
107	A1,	767.02	531.26	10.00	0.000
108	D-Series 2 Luminaire, DSX2.2.LA364.FW	772.91	579.58	8.00	0.000
109	D-Series 2 Luminaire, DSX2.2.LA364.FW	788.00	576.83	8.00	0.000
110	D-Series 2 Luminaire, DSX2.2.LA364.FW	796.59	575.22	8.00	0.000
111	D-Series 2 Luminaire, DSX2.2.LA364.FW	818.18	571.33	8.00	0.000

1.2 Calculation results, Exterior 1

1.2.8 Luminous intensity - Ref 1 West 4m



Measuring point for luminous intensity: Ref 1 West 4m

Position : x = 266.20 m, y = 431.49 m, z = 4.00 m

No.	Luminaire	Position Lumin. intensity			
		x[m]	y[m]	z[m]	I[kcd]
1	B1,	429.49	403.54	10.00	0.233
2	B1,	511.19	402.97	10.00	0.191
3	B1,	469.20	403.36	10.00	0.172
4	B1,	553.17	402.91	10.00	0.155
5	B1,	595.16	403.26	10.00	0.129
6	B1,	636.94	403.10	10.00	0.108
7	B1,	396.01	438.50	10.00	0.098
8	D1-8,	661.69	400.45	8.00	0.077
9	D1-8,	662.29	415.83	8.00	0.074
10	D-Series 0 Area luminaire, DSX0.1.LA114.FW	536.20	439.51	8.00	0.026
11	D-Series 1 Luminaire, DSX1.2.LA224.FW	760.71	434.26	8.00	0.023
12	D-Series 1 Luminaire, DSX1.2.LA224.FW	790.78	434.08	8.00	0.022
13	D-Series 1 Luminaire, DSX1.2.LA224.FW	820.66	434.24	8.00	0.021
14	E1,	707.42	399.51	8.00	0.018
15	Denver Elite Wall, DEW.LA024.CGL.NR	659.70	408.34	2.98	0.016
16	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	420.28	452.76	7.00	0.011
17	Denver Elite Wall, DEW.LA024.CGL.NR	659.66	408.32	3.98	0.011
18	G1,	701.13	435.08	8.00	0.010
19	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	440.41	452.86	7.00	0.009
20	G1,	730.60	439.30	8.00	0.009
21	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	464.33	452.96	7.00	0.008
22	E1,	740.76	419.33	8.00	0.007
23	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	476.17	453.06	7.00	0.007
24	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	492.22	453.17	7.00	0.006
25	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	504.10	453.27	7.00	0.006
26	Denver Elite Wall, DEW.LA024.CGL.NR	659.79	412.98	3.98	0.005
27	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	520.38	453.37	7.00	0.005
28	Denver Elite Wall, DEW.LA024.CGL.NR	664.53	412.94	3.98	0.005
29	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	829.39	434.52	0.94	0.002
30	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	825.63	434.46	0.94	0.002
31	J1,	740.14	400.60	8.00	0.001

1.2 Calculation results, Exterior 1

1.2.8 Luminous intensity - Ref 1 West 4m

32	J1,	763.33	400.12	8.00	0.001
33	J1,	812.22	398.76	8.00	0.001
34	J1,	789.49	400.23	8.00	0.001
35	D-Series 2 Luminaire, DSX2.2.LA364.FW	759.71	486.76	8.00	0.000
36	D-Series 2 Luminaire, DSX2.2.LA364.FW	779.11	486.84	8.00	0.000
37	D-Series 2 Luminaire, DSX2.2.LA364.FW	814.38	486.77	8.00	0.000
38	A1,	767.02	531.26	10.00	0.000
39	D1,	844.67	557.07	6.00	0.000
40	D1,	863.55	561.69	6.00	0.000
41	Denver iD Wall, DWL.1.LA034.NR.W018	750.55	480.48	4.00	0.000
42	Denver iD Wall, DWL.1.LA034.NR.W018	750.51	460.54	4.00	0.000
43	C1,	839.08	516.80	8.00	0.000
44	J1,	854.03	507.24	8.00	0.000
45	J1,	857.60	526.86	8.00	0.000
46	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	838.51	568.22	0.94	0.000
47	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	841.39	567.47	0.94	0.000
48	D1,	871.71	605.96	6.00	0.000
49	B1,	820.96	533.16	10.00	0.000
50	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	694.87	455.60	0.94	0.000
51	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	694.89	460.35	0.94	0.000
52	J1,	838.76	529.89	8.00	0.000
53	Denver iD Wall, DWL.1.LA034.NR.W018	750.53	440.59	4.00	0.000
54	B1,	781.39	533.64	10.00	0.000
55	A1,	812.97	530.97	10.00	0.000
56	J1,	850.83	486.16	8.00	0.000
57	J1,	848.57	460.82	8.00	0.000
58	J1,	850.20	435.92	8.00	0.000
59	B1,	748.37	548.12	10.00	0.000
60	Denver iD Wall, DWL.1.LA034.NR.W018	831.90	480.52	4.00	0.000
61	Denver iD Wall, DWL.1.LA034.NR.W018	831.96	460.41	4.00	0.000
62	Denver iD Wall, DWL.1.LA034.NR.W018	832.03	440.50	4.00	0.000
63	D-Series 1 Luminaire, DSX1.2.LA224.FW	695.15	545.33	8.00	0.000
64	D-Series 1 Luminaire, DSX1.2.LA224.FW	695.15	510.36	8.00	0.000
65	D-Series 1 Luminaire, DSX1.2.LA224.FW	695.03	475.25	8.00	0.000
66	Denver iD Wall, DWL.1.LA034.NR.W018	853.88	630.24	4.00	0.000
67	Denver iD Wall, DWL.1.LA034.NR.W018	834.30	634.00	4.00	0.000
68	Denver iD Wall, DWL.1.LA034.NR.W018	814.61	637.54	4.00	0.000
69	Denver iD Wall, DWL.1.LA034.NR.W018	794.98	641.02	4.00	0.000
70	Denver iD Wall, DWL.1.LA034.NR.W018	775.26	644.43	4.00	0.000
71	Denver iD Wall, DWL.1.LA034.NR.W018	761.64	583.96	4.00	0.000
72	D-Series 0 Area luminaire, DSX0.1.LA114.FW	849.59	585.42	8.00	0.000
73	D-Series 0 Area luminaire, DSX0.1.LA114.FW	856.21	621.70	8.00	0.000
74	Denver iD Wall, DWL.1.LA044.AY.W025	684.94	558.95	3.92	0.000
75	Denver iD Wall, DWL.1.LA044.AY.W025	662.28	558.94	3.92	0.000
76	Denver iD Wall, DWL.1.LA044.AY.W025	639.62	558.93	3.92	0.000
77	Denver iD Wall, DWL.1.LA044.AY.W025	616.96	558.92	3.92	0.000
78	Denver iD Wall, DWL.1.LA044.AY.W025	594.31	558.92	3.92	0.000
79	Denver iD Wall, DWL.1.LA044.AY.W025	571.65	558.91	3.92	0.000
80	Denver iD Wall, DWL.1.LA044.AY.W025	548.99	558.90	3.92	0.000
81	Denver iD Wall, DWL.1.LA044.AY.W025	526.33	558.90	3.92	0.000
82	Denver iD Wall, DWL.1.LA044.AY.W025	503.68	558.89	3.92	0.000
83	Denver iD Wall, DWL.1.LA044.AY.W025	481.02	558.88	3.92	0.000
84	Denver iD Wall, DWL.1.LA044.AY.W025	458.36	558.87	3.92	0.000
85	Denver iD Wall, DWL.1.LA044.AY.W025	435.70	558.87	3.92	0.000
86	Denver iD Wall, DWL.1.LA044.AY.W025	413.05	558.86	3.92	0.000
87	Denver iD Wall, DWL.1.LA044.AY.W025	403.09	554.62	3.92	0.000
88	Denver iD Wall, DWL.1.LA044.AY.W025	403.14	535.67	3.92	0.000
89	Denver iD Wall, DWL.1.LA044.AY.W025	403.20	516.73	3.92	0.000

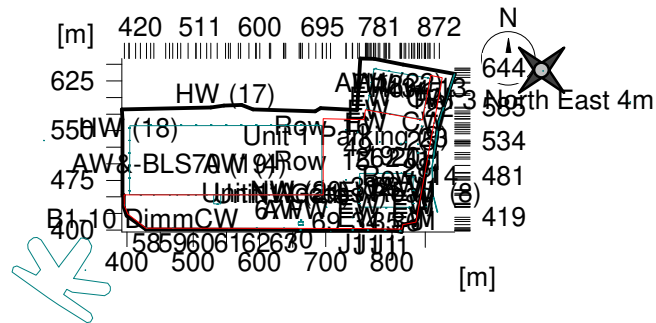
1.2 Calculation results, Exterior 1

1.2.8 Luminous intensity - Ref 1 West 4m

90	Denver iD Wall, DWL.1.LA044.AY.W025	403.25	497.78	3.92	0.000
91	Denver iD Wall, DWL.1.LA044.AY.W025	403.30	478.84	3.92	0.000
92	Denver iD Wall, DWL.1.LA044.AY.W025	403.35	459.89	3.92	0.000
93	D-Series 2 Luminaire, DSX2.2.LA364.FW	614.87	453.15	7.00	0.000
94	Denver iD Wall, DWL.1.LA034.NR.W018	765.17	603.57	4.00	0.000
95	Denver iD Wall, DWL.1.LA034.NR.W018	768.55	623.37	4.00	0.000
96	Denver iD Wall, DWL.1.LA034.NR.W018	772.02	642.90	4.00	0.000
97	G1,	730.68	476.65	8.00	0.000
98	G1,	730.74	514.10	8.00	0.000
99	G1,	730.66	551.85	8.00	0.000
100	D-Series 2 Luminaire, DSX2.2.LA364.FW	636.38	452.79	8.00	0.000
101	D-Series 2 Luminaire, DSX2.2.LA364.FW	791.22	486.73	8.00	0.000
102	D-Series 2 Luminaire, DSX2.2.LA364.FW	600.38	452.69	7.00	0.000
103	D-Series 2 Luminaire, DSX2.2.LA364.FW	584.11	452.65	7.00	0.000
104	D-Series 2 Luminaire, DSX2.2.LA364.FW	568.08	452.77	7.00	0.000
105	D-Series 2 Luminaire, DSX2.2.LA364.FW	556.06	452.65	7.00	0.000
106	D-Series 1 Luminaire, DSX1.2.LA224.FW	674.52	452.98	8.00	0.000
107	Denver Elite Wall, DEW.LA024.CGL.NR	664.48	408.34	3.98	0.000
108	D-Series 2 Luminaire, DSX2.2.LA364.FW	772.91	579.58	8.00	0.000
109	D-Series 2 Luminaire, DSX2.2.LA364.FW	788.00	576.83	8.00	0.000
110	D-Series 2 Luminaire, DSX2.2.LA364.FW	796.59	575.22	8.00	0.000
111	D-Series 2 Luminaire, DSX2.2.LA364.FW	818.18	571.33	8.00	0.000

1.2 Calculation results, Exterior 1

1.2.9 Luminous intensity - Ref 3 North East 4m



Measuring point for luminous intensity: Ref 3 North East 4m

Position : x = 1025.92 m, y = 641.05 m, z = 4.00 m

No.	Luminaire	Position Lumin. intensity			
		x[m]	y[m]	z[m]	I[kcd]
1	A1,	767.02	531.26	10.00	0.300
2	B1,	820.96	533.16	10.00	0.284
3	A1,	812.97	530.97	10.00	0.256
4	B1,	781.39	533.64	10.00	0.251
5	D-Series 2 Luminaire, DSX2.2.LA364.FW	814.38	486.77	8.00	0.212
6	D-Series 2 Luminaire, DSX2.2.LA364.FW	791.22	486.73	8.00	0.204
7	D-Series 2 Luminaire, DSX2.2.LA364.FW	779.11	486.84	8.00	0.199
8	D-Series 2 Luminaire, DSX2.2.LA364.FW	759.71	486.76	8.00	0.189
9	D-Series 1 Luminaire, DSX1.2.LA224.FW	695.03	475.25	8.00	0.051
10	D-Series 0 Area luminaire, DSX0.1.LA114.FW	849.59	585.42	8.00	0.049
11	C1,	839.08	516.80	8.00	0.042
12	D-Series 0 Area luminaire, DSX0.1.LA114.FW	856.21	621.70	8.00	0.039
13	D1,	844.67	557.07	6.00	0.019
14	D1,	871.71	605.96	6.00	0.017
15	D1,	863.55	561.69	6.00	0.016
16	G1,	730.68	476.65	8.00	0.014
17	G1,	730.74	514.10	8.00	0.014
18	J1,	857.60	526.86	8.00	0.005
19	J1,	854.03	507.24	8.00	0.005
20	J1,	850.83	486.16	8.00	0.005
21	J1,	848.57	460.82	8.00	0.004
22	J1,	850.20	435.92	8.00	0.004
23	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	694.87	455.60	0.94	0.003
24	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	694.89	460.35	0.94	0.003
25	J1,	838.76	529.89	8.00	0.002
26	J1,	812.22	398.76	8.00	0.001
27	Denver iD Wall, DWL.1.LA034.NR.W018	761.64	583.96	4.00	0.000
28	Denver iD Wall, DWL.1.LA034.NR.W018	765.17	603.57	4.00	0.000
29	Denver iD Wall, DWL.1.LA034.NR.W018	768.55	623.37	4.00	0.000
30	Denver iD Wall, DWL.1.LA034.NR.W018	772.02	642.90	4.00	0.000
31	G1,	730.60	439.30	8.00	0.000

1.2 Calculation results, Exterior 1

1.2.9 Luminous intensity - Ref 3 North East 4m

32	G1,	730.66	551.85	8.00	0.000
33	E1,	740.76	419.33	8.00	0.000
34	E1,	707.42	399.51	8.00	0.000
35	D1-8,	661.69	400.45	8.00	0.000
36	D1-8,	662.29	415.83	8.00	0.000
37	B1,	396.01	438.50	10.00	0.000
38	D-Series 1 Luminaire, DSX1.2.LA224.FW	760.71	434.26	8.00	0.000
39	D-Series 1 Luminaire, DSX1.2.LA224.FW	790.78	434.08	8.00	0.000
40	Denver iD Wall, DWL.1.LA034.NR.W018	834.30	634.00	4.00	0.000
41	Denver iD Wall, DWL.1.LA034.NR.W018	750.55	480.48	4.00	0.000
42	Denver iD Wall, DWL.1.LA034.NR.W018	750.51	460.54	4.00	0.000
43	Denver iD Wall, DWL.1.LA034.NR.W018	750.53	440.59	4.00	0.000
44	D-Series 0 Area luminaire, DSX0.1.LA114.FW	536.20	439.51	8.00	0.000
45	D-Series 2 Luminaire, DSX2.2.LA364.FW	636.38	452.79	8.00	0.000
46	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	838.51	568.22	0.94	0.000
47	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	841.39	567.47	0.94	0.000
48	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	825.63	434.46	0.94	0.000
49	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	829.39	434.52	0.94	0.000
50	Denver iD Wall, DWL.1.LA034.NR.W018	814.61	637.54	4.00	0.000
51	D-Series 2 Luminaire, DSX2.2.LA364.FW	600.38	452.69	7.00	0.000
52	J1,	740.14	400.60	8.00	0.000
53	J1,	789.49	400.23	8.00	0.000
54	J1,	763.33	400.12	8.00	0.000
55	Denver iD Wall, DWL.1.LA034.NR.W018	853.88	630.24	4.00	0.000
56	D-Series 1 Luminaire, DSX1.2.LA224.FW	674.52	452.98	8.00	0.000
57	Denver iD Wall, DWL.1.LA034.NR.W018	794.98	641.02	4.00	0.000
58	D-Series 1 Luminaire, DSX1.2.LA224.FW	820.66	434.24	8.00	0.000
59	B1,	748.37	548.12	10.00	0.000
60	Denver iD Wall, DWL.1.LA034.NR.W018	831.90	480.52	4.00	0.000
61	Denver iD Wall, DWL.1.LA034.NR.W018	831.96	460.41	4.00	0.000
62	Denver iD Wall, DWL.1.LA034.NR.W018	832.03	440.50	4.00	0.000
63	D-Series 1 Luminaire, DSX1.2.LA224.FW	695.15	545.33	8.00	0.000
64	D-Series 1 Luminaire, DSX1.2.LA224.FW	695.15	510.36	8.00	0.000
65	D-Series 2 Luminaire, DSX2.2.LA364.FW	584.11	452.65	7.00	0.000
66	B1,	429.49	403.54	10.00	0.000
67	B1,	469.20	403.36	10.00	0.000
68	B1,	511.19	402.97	10.00	0.000
69	B1,	553.17	402.91	10.00	0.000
70	B1,	595.16	403.26	10.00	0.000
71	B1,	636.94	403.10	10.00	0.000
72	D-Series 2 Luminaire, DSX2.2.LA364.FW	568.08	452.77	7.00	0.000
73	D-Series 2 Luminaire, DSX2.2.LA364.FW	556.06	452.65	7.00	0.000
74	Denver iD Wall, DWL.1.LA044.AY.W025	684.94	558.95	3.92	0.000
75	Denver iD Wall, DWL.1.LA044.AY.W025	662.28	558.94	3.92	0.000
76	Denver iD Wall, DWL.1.LA044.AY.W025	639.62	558.93	3.92	0.000
77	Denver iD Wall, DWL.1.LA044.AY.W025	616.96	558.92	3.92	0.000
78	Denver iD Wall, DWL.1.LA044.AY.W025	594.31	558.92	3.92	0.000
79	Denver iD Wall, DWL.1.LA044.AY.W025	571.65	558.91	3.92	0.000
80	Denver iD Wall, DWL.1.LA044.AY.W025	548.99	558.90	3.92	0.000
81	Denver iD Wall, DWL.1.LA044.AY.W025	526.33	558.90	3.92	0.000
82	Denver iD Wall, DWL.1.LA044.AY.W025	503.68	558.89	3.92	0.000
83	Denver iD Wall, DWL.1.LA044.AY.W025	481.02	558.88	3.92	0.000
84	Denver iD Wall, DWL.1.LA044.AY.W025	458.36	558.87	3.92	0.000
85	Denver iD Wall, DWL.1.LA044.AY.W025	435.70	558.87	3.92	0.000
86	Denver iD Wall, DWL.1.LA044.AY.W025	413.05	558.86	3.92	0.000
87	Denver iD Wall, DWL.1.LA044.AY.W025	403.09	554.62	3.92	0.000
88	Denver iD Wall, DWL.1.LA044.AY.W025	403.14	535.67	3.92	0.000
89	Denver iD Wall, DWL.1.LA044.AY.W025	403.20	516.73	3.92	0.000

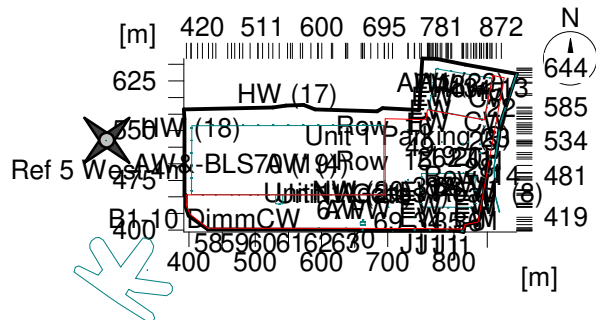
1.2 Calculation results, Exterior 1

1.2.9 Luminous intensity - Ref 3 North East 4m

90	Denver iD Wall, DWL.1.LA044.AY.W025	403.25	497.78	3.92	0.000
91	Denver iD Wall, DWL.1.LA044.AY.W025	403.30	478.84	3.92	0.000
92	Denver iD Wall, DWL.1.LA044.AY.W025	403.35	459.89	3.92	0.000
93	D-Series 2 Luminaire, DSX2.2.LA364.FW	614.87	453.15	7.00	0.000
94	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	420.28	452.76	7.00	0.000
95	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	440.41	452.86	7.00	0.000
96	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	464.33	452.96	7.00	0.000
97	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	476.17	453.06	7.00	0.000
98	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	492.22	453.17	7.00	0.000
99	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	504.10	453.27	7.00	0.000
100	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	520.38	453.37	7.00	0.000
101	Denver iD Wall, DWL.1.LA034.NR.W018	775.26	644.43	4.00	0.000
102	G1,	701.13	435.08	8.00	0.000
103	Denver Elite Wall, DEW.LA024.CGL.NR	659.79	412.98	3.98	0.000
104	Denver Elite Wall, DEW.LA024.CGL.NR	664.53	412.94	3.98	0.000
105	Denver Elite Wall, DEW.LA024.CGL.NR	659.70	408.34	2.98	0.000
106	Denver Elite Wall, DEW.LA024.CGL.NR	659.66	408.32	3.98	0.000
107	Denver Elite Wall, DEW.LA024.CGL.NR	664.48	408.34	3.98	0.000
108	D-Series 2 Luminaire, DSX2.2.LA364.FW	772.91	579.58	8.00	0.000
109	D-Series 2 Luminaire, DSX2.2.LA364.FW	788.00	576.83	8.00	0.000
110	D-Series 2 Luminaire, DSX2.2.LA364.FW	796.59	575.22	8.00	0.000
111	D-Series 2 Luminaire, DSX2.2.LA364.FW	818.18	571.33	8.00	0.000

1.2 Calculation results, Exterior 1

1.2.10 Luminous intensity - Ref 5 West 4m



Measuring point for luminous intensity: Ref 5 West 4m

Position : x = 276.32 m, y = 535.43 m, z = 4.00 m

No.	Luminaire	Position Lumin. intensity			
		x[m]	y[m]	z[m]	I[kcd]
1	B1,	429.49	403.54	10.00	0.193
2	B1,	396.01	438.50	10.00	0.191
3	B1,	469.20	403.36	10.00	0.190
4	D-Series 2 Luminaire, DSX2.2.LA364.FW	584.11	452.65	7.00	0.000
5	D-Series 2 Luminaire, DSX2.2.LA364.FW	600.38	452.69	7.00	0.000
6	D-Series 2 Luminaire, DSX2.2.LA364.FW	636.38	452.79	8.00	0.000
7	D-Series 0 Area luminaire, DSX0.1.LA114.FW	536.20	439.51	8.00	0.000
8	D-Series 2 Luminaire, DSX2.2.LA364.FW	568.08	452.77	7.00	0.000
9	D1-8,	662.29	415.83	8.00	0.000
10	D1-8,	661.69	400.45	8.00	0.000
11	E1,	707.42	399.51	8.00	0.000
12	E1,	740.76	419.33	8.00	0.000
13	G1,	730.66	551.85	8.00	0.000
14	G1,	730.74	514.10	8.00	0.000
15	G1,	730.68	476.65	8.00	0.000
16	G1,	730.60	439.30	8.00	0.000
17	Denver iD Wall, DWL.1.LA034.NR.W018	772.02	642.90	4.00	0.000
18	Denver iD Wall, DWL.1.LA034.NR.W018	768.55	623.37	4.00	0.000
19	Denver iD Wall, DWL.1.LA034.NR.W018	765.17	603.57	4.00	0.000
20	Denver iD Wall, DWL.1.LA034.NR.W018	761.64	583.96	4.00	0.000
21	Denver iD Wall, DWL.1.LA034.NR.W018	775.26	644.43	4.00	0.000
22	Denver iD Wall, DWL.1.LA034.NR.W018	794.98	641.02	4.00	0.000
23	Denver iD Wall, DWL.1.LA034.NR.W018	814.61	637.54	4.00	0.000
24	Denver iD Wall, DWL.1.LA034.NR.W018	834.30	634.00	4.00	0.000
25	Denver iD Wall, DWL.1.LA034.NR.W018	853.88	630.24	4.00	0.000
26	B1,	781.39	533.64	10.00	0.000
27	J1,	838.76	529.89	8.00	0.000
28	B1,	820.96	533.16	10.00	0.000
29	D1,	871.71	605.96	6.00	0.000
30	D1,	863.55	561.69	6.00	0.000
31	D1,	844.67	557.07	6.00	0.000

1.2 Calculation results, Exterior 1

1.2.10 Luminous intensity - Ref 5 West 4m

32	A1,	767.02	531.26	10.00	0.000
33	A1,	812.97	530.97	10.00	0.000
34	D-Series 2 Luminaire, DSX2.2.LA364.FW	556.06	452.65	7.00	0.000
35	D-Series 2 Luminaire, DSX2.2.LA364.FW	759.71	486.76	8.00	0.000
36	D-Series 2 Luminaire, DSX2.2.LA364.FW	779.11	486.84	8.00	0.000
37	D-Series 2 Luminaire, DSX2.2.LA364.FW	814.38	486.77	8.00	0.000
38	D-Series 1 Luminaire, DSX1.2.LA224.FW	760.71	434.26	8.00	0.000
39	D-Series 1 Luminaire, DSX1.2.LA224.FW	790.78	434.08	8.00	0.000
40	D-Series 1 Luminaire, DSX1.2.LA224.FW	820.66	434.24	8.00	0.000
41	Denver iD Wall, DWL.1.LA034.NR.W018	750.55	480.48	4.00	0.000
42	Denver iD Wall, DWL.1.LA034.NR.W018	750.51	460.54	4.00	0.000
43	Denver iD Wall, DWL.1.LA034.NR.W018	750.53	440.59	4.00	0.000
44	J1,	854.03	507.24	8.00	0.000
45	J1,	857.60	526.86	8.00	0.000
46	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	838.51	568.22	0.94	0.000
47	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	841.39	567.47	0.94	0.000
48	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	825.63	434.46	0.94	0.000
49	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	829.39	434.52	0.94	0.000
50	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	694.87	455.60	0.94	0.000
51	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	694.89	460.35	0.94	0.000
52	J1,	740.14	400.60	8.00	0.000
53	J1,	789.49	400.23	8.00	0.000
54	J1,	763.33	400.12	8.00	0.000
55	J1,	812.22	398.76	8.00	0.000
56	J1,	850.83	486.16	8.00	0.000
57	J1,	848.57	460.82	8.00	0.000
58	J1,	850.20	435.92	8.00	0.000
59	B1,	748.37	548.12	10.00	0.000
60	Denver iD Wall, DWL.1.LA034.NR.W018	831.90	480.52	4.00	0.000
61	Denver iD Wall, DWL.1.LA034.NR.W018	831.96	460.41	4.00	0.000
62	Denver iD Wall, DWL.1.LA034.NR.W018	832.03	440.50	4.00	0.000
63	D-Series 1 Luminaire, DSX1.2.LA224.FW	695.15	545.33	8.00	0.000
64	D-Series 1 Luminaire, DSX1.2.LA224.FW	695.15	510.36	8.00	0.000
65	D-Series 1 Luminaire, DSX1.2.LA224.FW	695.03	475.25	8.00	0.000
66	C1,	839.08	516.80	8.00	0.000
67	D-Series 1 Luminaire, DSX1.2.LA224.FW	674.52	452.98	8.00	0.000
68	B1,	511.19	402.97	10.00	0.000
69	B1,	553.17	402.91	10.00	0.000
70	B1,	595.16	403.26	10.00	0.000
71	B1,	636.94	403.10	10.00	0.000
72	D-Series 0 Area luminaire, DSX0.1.LA114.FW	849.59	585.42	8.00	0.000
73	D-Series 0 Area luminaire, DSX0.1.LA114.FW	856.21	621.70	8.00	0.000
74	Denver iD Wall, DWL.1.LA044.AY.W025	684.94	558.95	3.92	0.000
75	Denver iD Wall, DWL.1.LA044.AY.W025	662.28	558.94	3.92	0.000
76	Denver iD Wall, DWL.1.LA044.AY.W025	639.62	558.93	3.92	0.000
77	Denver iD Wall, DWL.1.LA044.AY.W025	616.96	558.92	3.92	0.000
78	Denver iD Wall, DWL.1.LA044.AY.W025	594.31	558.92	3.92	0.000
79	Denver iD Wall, DWL.1.LA044.AY.W025	571.65	558.91	3.92	0.000
80	Denver iD Wall, DWL.1.LA044.AY.W025	548.99	558.90	3.92	0.000
81	Denver iD Wall, DWL.1.LA044.AY.W025	526.33	558.90	3.92	0.000
82	Denver iD Wall, DWL.1.LA044.AY.W025	503.68	558.89	3.92	0.000
83	Denver iD Wall, DWL.1.LA044.AY.W025	481.02	558.88	3.92	0.000
84	Denver iD Wall, DWL.1.LA044.AY.W025	458.36	558.87	3.92	0.000
85	Denver iD Wall, DWL.1.LA044.AY.W025	435.70	558.87	3.92	0.000
86	Denver iD Wall, DWL.1.LA044.AY.W025	413.05	558.86	3.92	0.000
87	Denver iD Wall, DWL.1.LA044.AY.W025	403.09	554.62	3.92	0.000
88	Denver iD Wall, DWL.1.LA044.AY.W025	403.14	535.67	3.92	0.000
89	Denver iD Wall, DWL.1.LA044.AY.W025	403.20	516.73	3.92	0.000

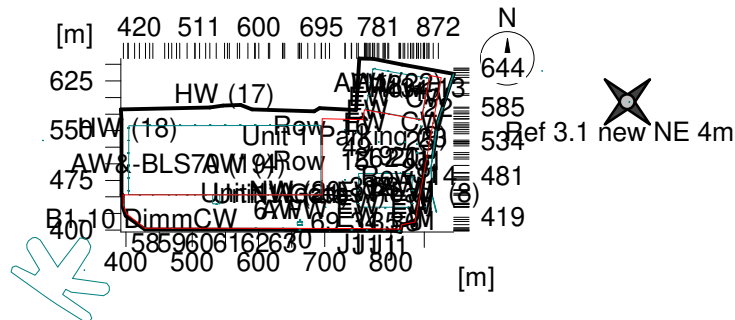
1.2 Calculation results, Exterior 1

1.2.10 Luminous intensity - Ref 5 West 4m

90	Denver iD Wall, DWL.1.LA044.AY.W025	403.25	497.78	3.92	0.000
91	Denver iD Wall, DWL.1.LA044.AY.W025	403.30	478.84	3.92	0.000
92	Denver iD Wall, DWL.1.LA044.AY.W025	403.35	459.89	3.92	0.000
93	D-Series 2 Luminaire, DSX2.2.LA364.FW	614.87	453.15	7.00	0.000
94	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	420.28	452.76	7.00	0.000
95	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	440.41	452.86	7.00	0.000
96	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	464.33	452.96	7.00	0.000
97	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	476.17	453.06	7.00	0.000
98	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	492.22	453.17	7.00	0.000
99	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	504.10	453.27	7.00	0.000
100	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	520.38	453.37	7.00	0.000
101	D-Series 2 Luminaire, DSX2.2.LA364.FW	791.22	486.73	8.00	0.000
102	G1,	701.13	435.08	8.00	0.000
103	Denver Elite Wall, DEW.LA024.CGL.NR	659.79	412.98	3.98	0.000
104	Denver Elite Wall, DEW.LA024.CGL.NR	664.53	412.94	3.98	0.000
105	Denver Elite Wall, DEW.LA024.CGL.NR	659.70	408.34	2.98	0.000
106	Denver Elite Wall, DEW.LA024.CGL.NR	659.66	408.32	3.98	0.000
107	Denver Elite Wall, DEW.LA024.CGL.NR	664.48	408.34	3.98	0.000
108	D-Series 2 Luminaire, DSX2.2.LA364.FW	772.91	579.58	8.00	0.000
109	D-Series 2 Luminaire, DSX2.2.LA364.FW	788.00	576.83	8.00	0.000
110	D-Series 2 Luminaire, DSX2.2.LA364.FW	796.59	575.22	8.00	0.000
111	D-Series 2 Luminaire, DSX2.2.LA364.FW	818.18	571.33	8.00	0.000

1.2 Calculation results, Exterior 1

1.2.11 Luminous intensity - Ref 3.1 new NE 4m



Measuring point for luminous intensity: Ref 3.1 new NE 4m

Position : x = 1157.19 m, y = 593.45 m, z = 4.00 m

No.	Luminaire	Position Lumin. intensity			
		x[m]	y[m]	z[m]	I[kcd]
1	D-Series 2 Luminaire, DSX2.2.LA364.FW	814.38	486.77	8.00	0.171
2	B1,	820.96	533.16	10.00	0.165
3	D-Series 2 Luminaire, DSX2.2.LA364.FW	791.22	486.73	8.00	0.161
4	D-Series 2 Luminaire, DSX2.2.LA364.FW	779.11	486.84	8.00	0.157
5	D-Series 2 Luminaire, DSX2.2.LA364.FW	759.71	486.76	8.00	0.150
6	B1,	781.39	533.64	10.00	0.140
7	C1,	839.08	516.80	8.00	0.138
8	A1,	767.02	531.26	10.00	0.091
9	A1,	812.97	530.97	10.00	0.078
10	B1,	748.37	548.12	10.00	0.050
11	D-Series 1 Luminaire, DSX1.2.LA224.FW	695.03	475.25	8.00	0.028
12	D-Series 1 Luminaire, DSX1.2.LA224.FW	695.15	510.36	8.00	0.026
13	D-Series 1 Luminaire, DSX1.2.LA224.FW	695.15	545.33	8.00	0.024
14	D-Series 0 Area luminaire, DSX0.1.LA114.FW	849.59	585.42	8.00	0.019
15	D-Series 0 Area luminaire, DSX0.1.LA114.FW	856.21	621.70	8.00	0.017
16	G1,	730.74	514.10	8.00	0.009
17	G1,	730.66	551.85	8.00	0.008
18	D1,	844.67	557.07	6.00	0.008
19	D1,	863.55	561.69	6.00	0.007
20	D1,	871.71	605.96	6.00	0.006
21	J1,	857.60	526.86	8.00	0.004
22	J1,	854.03	507.24	8.00	0.003
23	J1,	850.83	486.16	8.00	0.003
24	J1,	848.57	460.82	8.00	0.003
25	J1,	850.20	435.92	8.00	0.003
26	J1,	838.76	529.89	8.00	0.001
27	J1,	812.22	398.76	8.00	0.000
28	J1,	789.49	400.23	8.00	0.000
29	J1,	763.33	400.12	8.00	0.000
30	Denver iD Wall, DWL.1.LA034.NR.W018	761.64	583.96	4.00	0.000
31	Denver iD Wall, DWL.1.LA034.NR.W018	765.17	603.57	4.00	0.000

1.2 Calculation results, Exterior 1

1.2.11 Luminous intensity - Ref 3.1 new NE 4m

32	Denver iD Wall, DWL.1.LA034.NR.W018	768.55	623.37	4.00	0.000
33	Denver iD Wall, DWL.1.LA034.NR.W018	772.02	642.90	4.00	0.000
34	G1,	730.60	439.30	8.00	0.000
35	G1,	730.68	476.65	8.00	0.000
36	E1,	740.76	419.33	8.00	0.000
37	E1,	707.42	399.51	8.00	0.000
38	D-Series 1 Luminaire, DSX1.2.LA224.FW	760.71	434.26	8.00	0.000
39	D-Series 1 Luminaire, DSX1.2.LA224.FW	790.78	434.08	8.00	0.000
40	Denver iD Wall, DWL.1.LA034.NR.W018	775.26	644.43	4.00	0.000
41	Denver iD Wall, DWL.1.LA034.NR.W018	853.88	630.24	4.00	0.000
42	Denver iD Wall, DWL.1.LA034.NR.W018	750.51	460.54	4.00	0.000
43	Denver iD Wall, DWL.1.LA034.NR.W018	750.53	440.59	4.00	0.000
44	D1-8,	661.69	400.45	8.00	0.000
45	D1-8,	662.29	415.83	8.00	0.000
46	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	838.51	568.22	0.94	0.000
47	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	841.39	567.47	0.94	0.000
48	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	825.63	434.46	0.94	0.000
49	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	829.39	434.52	0.94	0.000
50	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	694.87	455.60	0.94	0.000
51	B1,	396.01	438.50	10.00	0.000
52	J1,	740.14	400.60	8.00	0.000
53	Denver iD Wall, DWL.1.LA034.NR.W018	794.98	641.02	4.00	0.000
54	D-Series 1 Luminaire, DSX1.2.LA224.FW	820.66	434.24	8.00	0.000
55	Denver iD Wall, DWL.1.LA034.NR.W018	814.61	637.54	4.00	0.000
56	D-Series 1 Luminaire, DSX1.2.LA224.FW	674.52	452.98	8.00	0.000
57	Denver iD Wall, DWL.1.LA034.NR.W018	750.55	480.48	4.00	0.000
58	Denver iD Wall, DWL.1.LA034.NR.W018	834.30	634.00	4.00	0.000
59	D-Series 0 Area luminaire, DSX0.1.LA114.FW	536.20	439.51	8.00	0.000
60	Denver iD Wall, DWL.1.LA034.NR.W018	831.90	480.52	4.00	0.000
61	Denver iD Wall, DWL.1.LA034.NR.W018	831.96	460.41	4.00	0.000
62	Denver iD Wall, DWL.1.LA034.NR.W018	832.03	440.50	4.00	0.000
63	D-Series 2 Luminaire, DSX2.2.LA364.FW	636.38	452.79	8.00	0.000
64	D-Series 2 Luminaire, DSX2.2.LA364.FW	600.38	452.69	7.00	0.000
65	D-Series 2 Luminaire, DSX2.2.LA364.FW	584.11	452.65	7.00	0.000
66	B1,	429.49	403.54	10.00	0.000
67	B1,	469.20	403.36	10.00	0.000
68	B1,	511.19	402.97	10.00	0.000
69	B1,	553.17	402.91	10.00	0.000
70	B1,	595.16	403.26	10.00	0.000
71	B1,	636.94	403.10	10.00	0.000
72	D-Series 2 Luminaire, DSX2.2.LA364.FW	568.08	452.77	7.00	0.000
73	D-Series 2 Luminaire, DSX2.2.LA364.FW	556.06	452.65	7.00	0.000
74	Denver iD Wall, DWL.1.LA044.AY.W025	684.94	558.95	3.92	0.000
75	Denver iD Wall, DWL.1.LA044.AY.W025	662.28	558.94	3.92	0.000
76	Denver iD Wall, DWL.1.LA044.AY.W025	639.62	558.93	3.92	0.000
77	Denver iD Wall, DWL.1.LA044.AY.W025	616.96	558.92	3.92	0.000
78	Denver iD Wall, DWL.1.LA044.AY.W025	594.31	558.92	3.92	0.000
79	Denver iD Wall, DWL.1.LA044.AY.W025	571.65	558.91	3.92	0.000
80	Denver iD Wall, DWL.1.LA044.AY.W025	548.99	558.90	3.92	0.000
81	Denver iD Wall, DWL.1.LA044.AY.W025	526.33	558.90	3.92	0.000
82	Denver iD Wall, DWL.1.LA044.AY.W025	503.68	558.89	3.92	0.000
83	Denver iD Wall, DWL.1.LA044.AY.W025	481.02	558.88	3.92	0.000
84	Denver iD Wall, DWL.1.LA044.AY.W025	458.36	558.87	3.92	0.000
85	Denver iD Wall, DWL.1.LA044.AY.W025	435.70	558.87	3.92	0.000
86	Denver iD Wall, DWL.1.LA044.AY.W025	413.05	558.86	3.92	0.000
87	Denver iD Wall, DWL.1.LA044.AY.W025	403.09	554.62	3.92	0.000
88	Denver iD Wall, DWL.1.LA044.AY.W025	403.14	535.67	3.92	0.000
89	Denver iD Wall, DWL.1.LA044.AY.W025	403.20	516.73	3.92	0.000

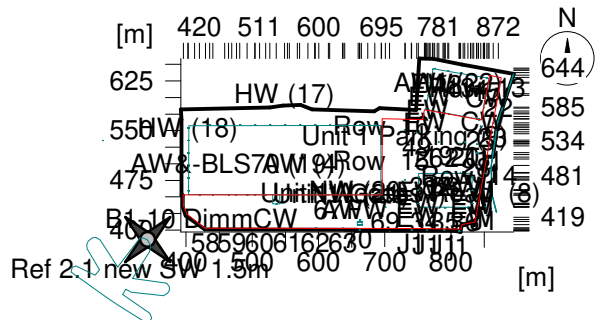
1.2 Calculation results, Exterior 1

1.2.11 Luminous intensity - Ref 3.1 new NE 4m

90	Denver iD Wall, DWL.1.LA044.AY.W025	403.25	497.78	3.92	0.000
91	Denver iD Wall, DWL.1.LA044.AY.W025	403.30	478.84	3.92	0.000
92	Denver iD Wall, DWL.1.LA044.AY.W025	403.35	459.89	3.92	0.000
93	D-Series 2 Luminaire, DSX2.2.LA364.FW	614.87	453.15	7.00	0.000
94	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	420.28	452.76	7.00	0.000
95	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	440.41	452.86	7.00	0.000
96	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	464.33	452.96	7.00	0.000
97	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	476.17	453.06	7.00	0.000
98	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	492.22	453.17	7.00	0.000
99	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	504.10	453.27	7.00	0.000
100	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	520.38	453.37	7.00	0.000
101	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	694.89	460.35	0.94	0.000
102	G1,	701.13	435.08	8.00	0.000
103	Denver Elite Wall, DEW.LA024.CGL.NR	659.79	412.98	3.98	0.000
104	Denver Elite Wall, DEW.LA024.CGL.NR	664.53	412.94	3.98	0.000
105	Denver Elite Wall, DEW.LA024.CGL.NR	659.70	408.34	2.98	0.000
106	Denver Elite Wall, DEW.LA024.CGL.NR	659.66	408.32	3.98	0.000
107	Denver Elite Wall, DEW.LA024.CGL.NR	664.48	408.34	3.98	0.000
108	D-Series 2 Luminaire, DSX2.2.LA364.FW	772.91	579.58	8.00	0.000
109	D-Series 2 Luminaire, DSX2.2.LA364.FW	788.00	576.83	8.00	0.000
110	D-Series 2 Luminaire, DSX2.2.LA364.FW	796.59	575.22	8.00	0.000
111	D-Series 2 Luminaire, DSX2.2.LA364.FW	818.18	571.33	8.00	0.000

1.2 Calculation results, Exterior 1

1.2.12 Luminous intensity - Ref 2.1 new SW 1.5m



Measuring point for luminous intensity: Ref 2.1 new SW 1.5m

Position : x = 342.41 m, y = 385.27 m, z = 1.50 m

No.	Luminaire	Position Lumin. intensity			
		x[m]	y[m]	z[m]	I[kcd]
1	B1,	396.01	438.50	10.00	0.454
2	B1,	429.49	403.54	10.00	0.292
3	D-Series 2 Luminaire, DSX2.2.LA364.FW	600.38	452.69	7.00	0.220
4	D-Series 2 Luminaire, DSX2.2.LA364.FW	636.38	452.79	8.00	0.215
5	D-Series 2 Luminaire, DSX2.2.LA364.FW	614.87	453.15	7.00	0.203
6	B1,	469.20	403.36	10.00	0.187
7	B1,	511.19	402.97	10.00	0.176
8	D1-8,	662.29	415.83	8.00	0.162
9	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	420.28	452.76	7.00	0.155
10	D-Series 1 Luminaire, DSX1.2.LA224.FW	674.52	452.98	8.00	0.153
11	D1-8,	661.69	400.45	8.00	0.152
12	D-Series 0 Area luminaire, DSX0.1.LA114.FW	536.20	439.51	8.00	0.142
13	B1,	553.17	402.91	10.00	0.126
14	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	440.41	452.86	7.00	0.118
15	B1,	595.16	403.26	10.00	0.106
16	D-Series 1 Luminaire, DSX1.2.LA224.FW	760.71	434.26	8.00	0.097
17	B1,	636.94	403.10	10.00	0.092
18	D-Series 1 Luminaire, DSX1.2.LA224.FW	790.78	434.08	8.00	0.089
19	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	464.33	452.96	7.00	0.083
20	D-Series 1 Luminaire, DSX1.2.LA224.FW	820.66	434.24	8.00	0.082
21	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	476.17	453.06	7.00	0.073
22	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	492.22	453.17	7.00	0.061
23	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	504.10	453.27	7.00	0.053
24	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	520.38	453.37	7.00	0.043
25	E1,	707.42	399.51	8.00	0.035
26	Denver iD Wall, DWL.1.LA044.AY.W025	403.20	516.73	3.92	0.029
27	Denver iD Wall, DWL.1.LA044.AY.W025	403.25	497.78	3.92	0.028
28	Denver iD Wall, DWL.1.LA044.AY.W025	403.30	478.84	3.92	0.024
29	Denver iD Wall, DWL.1.LA044.AY.W025	403.14	535.67	3.92	0.024
30	Denver iD Wall, DWL.1.LA044.AY.W025	403.35	459.89	3.92	0.023
31	Denver iD Wall, DWL.1.LA044.AY.W025	403.09	554.62	3.92	0.021

1.2 Calculation results, Exterior 1

1.2.12 Luminous intensity - Ref 2.1 new SW 1.5m

32	G1,	701.13	435.08	8.00	0.016
33	Denver Elite Wall, DEW.LA024.CGL.NR	659.70	408.34	2.98	0.016
34	G1,	730.60	439.30	8.00	0.015
35	E1,	740.76	419.33	8.00	0.014
36	Denver Elite Wall, DEW.LA024.CGL.NR	659.79	412.98	3.98	0.012
37	Denver Elite Wall, DEW.LA024.CGL.NR	664.48	408.34	3.98	0.004
38	Denver Elite Wall, DEW.LA024.CGL.NR	659.66	408.32	3.98	0.004
39	J1,	812.22	398.76	8.00	0.002
40	J1,	740.14	400.60	8.00	0.002
41	J1,	763.33	400.12	8.00	0.002
42	J1,	789.49	400.23	8.00	0.002
43	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	825.63	434.46	0.94	0.002
44	J1,	850.20	435.92	8.00	0.002
45	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	829.39	434.52	0.94	0.002
46	Denver iD Wall, DWL.1.LA034.NR.W018	750.53	440.59	4.00	0.000
47	Denver iD Wall, DWL.1.LA034.NR.W018	750.51	460.54	4.00	0.000
48	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	841.39	567.47	0.94	0.000
49	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	838.51	568.22	0.94	0.000
50	J1,	857.60	526.86	8.00	0.000
51	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	694.89	460.35	0.94	0.000
52	Denver iD Wall, DWL.1.LA034.NR.W018	750.55	480.48	4.00	0.000
53	J1,	854.03	507.24	8.00	0.000
54	C1,	839.08	516.80	8.00	0.000
55	D-Series 2 Luminaire, DSX2.2.LA364.FW	759.71	486.76	8.00	0.000
56	J1,	850.83	486.16	8.00	0.000
57	J1,	848.57	460.82	8.00	0.000
58	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	694.87	455.60	0.94	0.000
59	B1,	748.37	548.12	10.00	0.000
60	Denver iD Wall, DWL.1.LA034.NR.W018	831.90	480.52	4.00	0.000
61	Denver iD Wall, DWL.1.LA034.NR.W018	831.96	460.41	4.00	0.000
62	Denver iD Wall, DWL.1.LA034.NR.W018	832.03	440.50	4.00	0.000
63	D-Series 1 Luminaire, DSX1.2.LA224.FW	695.15	545.33	8.00	0.000
64	D-Series 1 Luminaire, DSX1.2.LA224.FW	695.15	510.36	8.00	0.000
65	D-Series 1 Luminaire, DSX1.2.LA224.FW	695.03	475.25	8.00	0.000
66	A1,	812.97	530.97	10.00	0.000
67	A1,	767.02	531.26	10.00	0.000
68	D1,	844.67	557.07	6.00	0.000
69	D1,	863.55	561.69	6.00	0.000
70	D1,	871.71	605.96	6.00	0.000
71	B1,	820.96	533.16	10.00	0.000
72	D-Series 2 Luminaire, DSX2.2.LA364.FW	779.11	486.84	8.00	0.000
73	D-Series 0 Area luminaire, DSX0.1.LA114.FW	856.21	621.70	8.00	0.000
74	Denver iD Wall, DWL.1.LA044.AY.W025	684.94	558.95	3.92	0.000
75	Denver iD Wall, DWL.1.LA044.AY.W025	662.28	558.94	3.92	0.000
76	Denver iD Wall, DWL.1.LA044.AY.W025	639.62	558.93	3.92	0.000
77	Denver iD Wall, DWL.1.LA044.AY.W025	616.96	558.92	3.92	0.000
78	Denver iD Wall, DWL.1.LA044.AY.W025	594.31	558.92	3.92	0.000
79	Denver iD Wall, DWL.1.LA044.AY.W025	571.65	558.91	3.92	0.000
80	Denver iD Wall, DWL.1.LA044.AY.W025	548.99	558.90	3.92	0.000
81	Denver iD Wall, DWL.1.LA044.AY.W025	526.33	558.90	3.92	0.000
82	Denver iD Wall, DWL.1.LA044.AY.W025	503.68	558.89	3.92	0.000
83	Denver iD Wall, DWL.1.LA044.AY.W025	481.02	558.88	3.92	0.000
84	Denver iD Wall, DWL.1.LA044.AY.W025	458.36	558.87	3.92	0.000
85	Denver iD Wall, DWL.1.LA044.AY.W025	435.70	558.87	3.92	0.000
86	Denver iD Wall, DWL.1.LA044.AY.W025	413.05	558.86	3.92	0.000
87	J1,	838.76	529.89	8.00	0.000
88	B1,	781.39	533.64	10.00	0.000
89	Denver iD Wall, DWL.1.LA034.NR.W018	853.88	630.24	4.00	0.000

Object :
 Installation : Hinckley Park, DZ3
 Project number : P186-694-G1
 Date : 07.06.2023

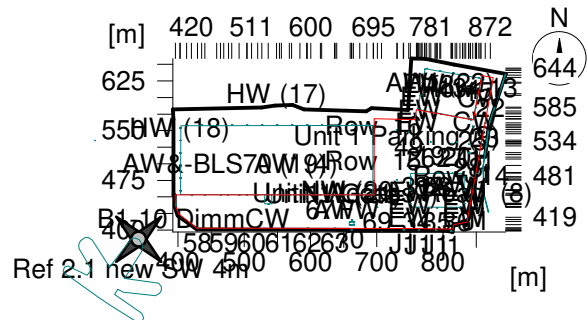
1.2 Calculation results, Exterior 1

1.2.12 Luminous intensity - Ref 2.1 new SW 1.5m

90	Denver iD Wall, DWL.1.LA034.NR.W018	834.30	634.00	4.00	0.000
91	Denver iD Wall, DWL.1.LA034.NR.W018	814.61	637.54	4.00	0.000
92	Denver iD Wall, DWL.1.LA034.NR.W018	794.98	641.02	4.00	0.000
93	Denver iD Wall, DWL.1.LA034.NR.W018	775.26	644.43	4.00	0.000
94	Denver iD Wall, DWL.1.LA034.NR.W018	761.64	583.96	4.00	0.000
95	Denver iD Wall, DWL.1.LA034.NR.W018	765.17	603.57	4.00	0.000
96	Denver iD Wall, DWL.1.LA034.NR.W018	768.55	623.37	4.00	0.000
97	Denver iD Wall, DWL.1.LA034.NR.W018	772.02	642.90	4.00	0.000
98	G1,	730.68	476.65	8.00	0.000
99	G1,	730.74	514.10	8.00	0.000
100	G1,	730.66	551.85	8.00	0.000
101	D-Series 2 Luminaire, DSX2.2.LA364.FW	791.22	486.73	8.00	0.000
102	D-Series 2 Luminaire, DSX2.2.LA364.FW	584.11	452.65	7.00	0.000
103	D-Series 2 Luminaire, DSX2.2.LA364.FW	568.08	452.77	7.00	0.000
104	Denver Elite Wall, DEW.LA024.CGL.NR	664.53	412.94	3.98	0.000
105	D-Series 2 Luminaire, DSX2.2.LA364.FW	556.06	452.65	7.00	0.000
106	D-Series 0 Area luminaire, DSX0.1.LA114.FW	849.59	585.42	8.00	0.000
107	D-Series 2 Luminaire, DSX2.2.LA364.FW	814.38	486.77	8.00	0.000
108	D-Series 2 Luminaire, DSX2.2.LA364.FW	772.91	579.58	8.00	0.000
109	D-Series 2 Luminaire, DSX2.2.LA364.FW	788.00	576.83	8.00	0.000
110	D-Series 2 Luminaire, DSX2.2.LA364.FW	796.59	575.22	8.00	0.000
111	D-Series 2 Luminaire, DSX2.2.LA364.FW	818.18	571.33	8.00	0.000

1.2 Calculation results, Exterior 1

1.2.13 Luminous intensity - Ref 2.1 new SW 4m



Measuring point for luminous intensity: Ref 2.1 new SW 4m

Position : x = 341.26 m, y = 385.75 m, z = 4.00 m

No.	Luminaire	Position Lumin. intensity			
		x[m]	y[m]	z[m]	I[kcd]
1	B1,	396.01	438.50	10.00	0.342
2	B1,	429.49	403.54	10.00	0.217
3	B1,	469.20	403.36	10.00	0.131
4	D-Series 2 Luminaire, DSX2.2.LA364.FW	636.38	452.79	8.00	0.131
5	B1,	511.19	402.97	10.00	0.119
6	D-Series 2 Luminaire, DSX2.2.LA364.FW	600.38	452.69	7.00	0.119
7	D-Series 2 Luminaire, DSX2.2.LA364.FW	614.87	453.15	7.00	0.110
8	D1-8,	662.29	415.83	8.00	0.099
9	D-Series 1 Luminaire, DSX1.2.LA224.FW	674.52	452.98	8.00	0.093
10	D1-8,	661.69	400.45	8.00	0.093
11	B1,	553.17	402.91	10.00	0.089
12	D-Series 0 Area luminaire, DSX0.1.LA114.FW	536.20	439.51	8.00	0.087
13	B1,	595.16	403.26	10.00	0.075
14	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	420.28	452.76	7.00	0.068
15	B1,	636.94	403.10	10.00	0.065
16	D-Series 1 Luminaire, DSX1.2.LA224.FW	760.71	434.26	8.00	0.059
17	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	440.41	452.86	7.00	0.059
18	D-Series 1 Luminaire, DSX1.2.LA224.FW	790.78	434.08	8.00	0.054
19	D-Series 1 Luminaire, DSX1.2.LA224.FW	820.66	434.24	8.00	0.050
20	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	464.33	452.96	7.00	0.044
21	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	476.17	453.06	7.00	0.039
22	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	492.22	453.17	7.00	0.033
23	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	504.10	453.27	7.00	0.028
24	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	520.38	453.37	7.00	0.023
25	E1,	707.42	399.51	8.00	0.021
26	Denver Elite Wall, DEW.LA024.CGL.NR	659.70	408.34	2.98	0.016
27	Denver Elite Wall, DEW.LA024.CGL.NR	659.79	412.98	3.98	0.012
28	G1,	701.13	435.08	8.00	0.010
29	G1,	730.60	439.30	8.00	0.009
30	E1,	740.76	419.33	8.00	0.009
31	Denver Elite Wall, DEW.LA024.CGL.NR	664.48	408.34	3.98	0.004

1.2 Calculation results, Exterior 1

1.2.13 Luminous intensity - Ref 2.1 new SW 4m

32	Denver Elite Wall, DEW.LA024.CGL.NR	659.66	408.32	3.98	0.004
33	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	825.63	434.46	0.94	0.002
34	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	829.39	434.52	0.94	0.002
35	J1,	812.22	398.76	8.00	0.001
36	J1,	740.14	400.60	8.00	0.001
37	J1,	763.33	400.12	8.00	0.001
38	J1,	789.49	400.23	8.00	0.001
39	J1,	850.20	435.92	8.00	0.001
40	D1,	871.71	605.96	6.00	0.000
41	Denver iD Wall, DWL.1.LA034.NR.W018	750.55	480.48	4.00	0.000
42	Denver iD Wall, DWL.1.LA034.NR.W018	750.51	460.54	4.00	0.000
43	Denver iD Wall, DWL.1.LA034.NR.W018	750.53	440.59	4.00	0.000
44	J1,	854.03	507.24	8.00	0.000
45	J1,	857.60	526.86	8.00	0.000
46	D1,	863.55	561.69	6.00	0.000
47	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	841.39	567.47	0.94	0.000
48	D-Series 2 Luminaire, DSX2.2.LA364.FW	814.38	486.77	8.00	0.000
49	D-Series 2 Luminaire, DSX2.2.LA364.FW	779.11	486.84	8.00	0.000
50	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	694.87	455.60	0.94	0.000
51	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	694.89	460.35	0.94	0.000
52	D-Series 2 Luminaire, DSX2.2.LA364.FW	759.71	486.76	8.00	0.000
53	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	838.51	568.22	0.94	0.000
54	B1,	820.96	533.16	10.00	0.000
55	C1,	839.08	516.80	8.00	0.000
56	J1,	850.83	486.16	8.00	0.000
57	J1,	848.57	460.82	8.00	0.000
58	D1,	844.67	557.07	6.00	0.000
59	B1,	748.37	548.12	10.00	0.000
60	Denver iD Wall, DWL.1.LA034.NR.W018	831.90	480.52	4.00	0.000
61	Denver iD Wall, DWL.1.LA034.NR.W018	831.96	460.41	4.00	0.000
62	Denver iD Wall, DWL.1.LA034.NR.W018	832.03	440.50	4.00	0.000
63	D-Series 1 Luminaire, DSX1.2.LA224.FW	695.15	545.33	8.00	0.000
64	D-Series 1 Luminaire, DSX1.2.LA224.FW	695.15	510.36	8.00	0.000
65	D-Series 1 Luminaire, DSX1.2.LA224.FW	695.03	475.25	8.00	0.000
66	J1,	838.76	529.89	8.00	0.000
67	B1,	781.39	533.64	10.00	0.000
68	Denver iD Wall, DWL.1.LA034.NR.W018	853.88	630.24	4.00	0.000
69	A1,	812.97	530.97	10.00	0.000
70	Denver iD Wall, DWL.1.LA034.NR.W018	814.61	637.54	4.00	0.000
71	Denver iD Wall, DWL.1.LA034.NR.W018	794.98	641.02	4.00	0.000
72	D-Series 0 Area luminaire, DSX0.1.LA114.FW	849.59	585.42	8.00	0.000
73	D-Series 0 Area luminaire, DSX0.1.LA114.FW	856.21	621.70	8.00	0.000
74	Denver iD Wall, DWL.1.LA044.AY.W025	684.94	558.95	3.92	0.000
75	Denver iD Wall, DWL.1.LA044.AY.W025	662.28	558.94	3.92	0.000
76	Denver iD Wall, DWL.1.LA044.AY.W025	639.62	558.93	3.92	0.000
77	Denver iD Wall, DWL.1.LA044.AY.W025	616.96	558.92	3.92	0.000
78	Denver iD Wall, DWL.1.LA044.AY.W025	594.31	558.92	3.92	0.000
79	Denver iD Wall, DWL.1.LA044.AY.W025	571.65	558.91	3.92	0.000
80	Denver iD Wall, DWL.1.LA044.AY.W025	548.99	558.90	3.92	0.000
81	Denver iD Wall, DWL.1.LA044.AY.W025	526.33	558.90	3.92	0.000
82	Denver iD Wall, DWL.1.LA044.AY.W025	503.68	558.89	3.92	0.000
83	Denver iD Wall, DWL.1.LA044.AY.W025	481.02	558.88	3.92	0.000
84	Denver iD Wall, DWL.1.LA044.AY.W025	458.36	558.87	3.92	0.000
85	Denver iD Wall, DWL.1.LA044.AY.W025	435.70	558.87	3.92	0.000
86	Denver iD Wall, DWL.1.LA044.AY.W025	413.05	558.86	3.92	0.000
87	Denver iD Wall, DWL.1.LA044.AY.W025	403.09	554.62	3.92	0.000
88	Denver iD Wall, DWL.1.LA044.AY.W025	403.14	535.67	3.92	0.000
89	Denver iD Wall, DWL.1.LA044.AY.W025	403.20	516.73	3.92	0.000

Object :
 Installation : Hinckley Park, DZ3
 Project number : P186-694-G1
 Date : 07.06.2023

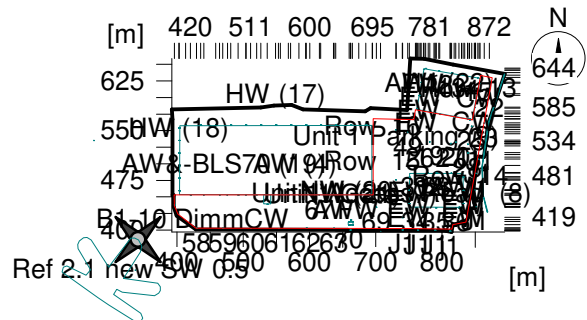
1.2 Calculation results, Exterior 1

1.2.13 Luminous intensity - Ref 2.1 new SW 4m

90	Denver iD Wall, DWL.1.LA044.AY.W025	403.25	497.78	3.92	0.000
91	Denver iD Wall, DWL.1.LA044.AY.W025	403.30	478.84	3.92	0.000
92	Denver iD Wall, DWL.1.LA044.AY.W025	403.35	459.89	3.92	0.000
93	Denver iD Wall, DWL.1.LA034.NR.W018	775.26	644.43	4.00	0.000
94	Denver iD Wall, DWL.1.LA034.NR.W018	761.64	583.96	4.00	0.000
95	Denver iD Wall, DWL.1.LA034.NR.W018	765.17	603.57	4.00	0.000
96	Denver iD Wall, DWL.1.LA034.NR.W018	768.55	623.37	4.00	0.000
97	Denver iD Wall, DWL.1.LA034.NR.W018	772.02	642.90	4.00	0.000
98	G1,	730.68	476.65	8.00	0.000
99	G1,	730.74	514.10	8.00	0.000
100	G1,	730.66	551.85	8.00	0.000
101	D-Series 2 Luminaire, DSX2.2.LA364.FW	791.22	486.73	8.00	0.000
102	D-Series 2 Luminaire, DSX2.2.LA364.FW	584.11	452.65	7.00	0.000
103	D-Series 2 Luminaire, DSX2.2.LA364.FW	568.08	452.77	7.00	0.000
104	Denver Elite Wall, DEW.LA024.CGL.NR	664.53	412.94	3.98	0.000
105	D-Series 2 Luminaire, DSX2.2.LA364.FW	556.06	452.65	7.00	0.000
106	Denver iD Wall, DWL.1.LA034.NR.W018	834.30	634.00	4.00	0.000
107	A1,	767.02	531.26	10.00	0.000
108	D-Series 2 Luminaire, DSX2.2.LA364.FW	772.91	579.58	8.00	0.000
109	D-Series 2 Luminaire, DSX2.2.LA364.FW	788.00	576.83	8.00	0.000
110	D-Series 2 Luminaire, DSX2.2.LA364.FW	796.59	575.22	8.00	0.000
111	D-Series 2 Luminaire, DSX2.2.LA364.FW	818.18	571.33	8.00	0.000

1.2 Calculation results, Exterior 1

1.2.14 Luminous intensity - Ref 2.1 new SW 0.5



Measuring point for luminous intensity: Ref 2.1 new SW 0.5

Position : x = 341.73 m, y = 385.52 m, z = 0.50 m

No.	Luminaire	Position Lumin. intensity			
		x[m]	y[m]	z[m]	I[kcd]
1	B1,	396.01	438.50	10.00	0.494
2	B1,	429.49	403.54	10.00	0.314
3	D-Series 2 Luminaire, DSX2.2.LA364.FW	600.38	452.69	7.00	0.258
4	D-Series 2 Luminaire, DSX2.2.LA364.FW	636.38	452.79	8.00	0.246
5	D-Series 2 Luminaire, DSX2.2.LA364.FW	614.87	453.15	7.00	0.239
6	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	420.28	452.76	7.00	0.206
7	B1,	469.20	403.36	10.00	0.205
8	B1,	511.19	402.97	10.00	0.196
9	D1-8,	662.29	415.83	8.00	0.186
10	D-Series 1 Luminaire, DSX1.2.LA224.FW	674.52	452.98	8.00	0.176
11	D1-8,	661.69	400.45	8.00	0.175
12	D-Series 0 Area luminaire, DSX0.1.LA114.FW	536.20	439.51	8.00	0.163
13	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	440.41	452.86	7.00	0.162
14	B1,	553.17	402.91	10.00	0.142
15	B1,	595.16	403.26	10.00	0.118
16	D-Series 1 Luminaire, DSX1.2.LA224.FW	760.71	434.26	8.00	0.112
17	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	464.33	452.96	7.00	0.110
18	B1,	636.94	403.10	10.00	0.103
19	D-Series 1 Luminaire, DSX1.2.LA224.FW	790.78	434.08	8.00	0.102
20	D-Series 1 Luminaire, DSX1.2.LA224.FW	820.66	434.24	8.00	0.094
21	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	476.17	453.06	7.00	0.085
22	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	492.22	453.17	7.00	0.071
23	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	504.10	453.27	7.00	0.061
24	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	520.38	453.37	7.00	0.050
25	Denver iD Wall, DWL.1.LA044.AY.W025	403.20	516.73	3.92	0.041
26	E1,	707.42	399.51	8.00	0.040
27	Denver iD Wall, DWL.1.LA044.AY.W025	403.25	497.78	3.92	0.039
28	Denver iD Wall, DWL.1.LA044.AY.W025	403.14	535.67	3.92	0.035
29	Denver iD Wall, DWL.1.LA044.AY.W025	403.30	478.84	3.92	0.034
30	Denver iD Wall, DWL.1.LA044.AY.W025	403.35	459.89	3.92	0.032
31	Denver iD Wall, DWL.1.LA044.AY.W025	403.09	554.62	3.92	0.030

1.2 Calculation results, Exterior 1

1.2.14 Luminous intensity - Ref 2.1 new SW 0.5

32	G1,	701.13	435.08	8.00	0.019
33	G1,	730.60	439.30	8.00	0.017
34	E1,	740.76	419.33	8.00	0.016
35	Denver Elite Wall, DEW.LA024.CGL.NR	659.70	408.34	2.98	0.016
36	Denver Elite Wall, DEW.LA024.CGL.NR	659.79	412.98	3.98	0.012
37	Denver Elite Wall, DEW.LA024.CGL.NR	664.48	408.34	3.98	0.004
38	Denver Elite Wall, DEW.LA024.CGL.NR	659.66	408.32	3.98	0.004
39	J1,	812.22	398.76	8.00	0.003
40	J1,	740.14	400.60	8.00	0.003
41	J1,	763.33	400.12	8.00	0.002
42	J1,	789.49	400.23	8.00	0.002
43	J1,	850.20	435.92	8.00	0.002
44	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	825.63	434.46	0.94	0.002
45	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	829.39	434.52	0.94	0.002
46	Denver iD Wall, DWL.1.LA034.NR.W018	750.53	440.59	4.00	0.001
47	Denver iD Wall, DWL.1.LA034.NR.W018	750.51	460.54	4.00	0.001
48	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	841.39	567.47	0.94	0.000
49	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	838.51	568.22	0.94	0.000
50	J1,	857.60	526.86	8.00	0.000
51	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	694.89	460.35	0.94	0.000
52	Denver iD Wall, DWL.1.LA034.NR.W018	750.55	480.48	4.00	0.000
53	J1,	854.03	507.24	8.00	0.000
54	C1,	839.08	516.80	8.00	0.000
55	D-Series 2 Luminaire, DSX2.2.LA364.FW	759.71	486.76	8.00	0.000
56	J1,	850.83	486.16	8.00	0.000
57	J1,	848.57	460.82	8.00	0.000
58	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	694.87	455.60	0.94	0.000
59	B1,	748.37	548.12	10.00	0.000
60	Denver iD Wall, DWL.1.LA034.NR.W018	831.90	480.52	4.00	0.000
61	Denver iD Wall, DWL.1.LA034.NR.W018	831.96	460.41	4.00	0.000
62	Denver iD Wall, DWL.1.LA034.NR.W018	832.03	440.50	4.00	0.000
63	D-Series 1 Luminaire, DSX1.2.LA224.FW	695.15	545.33	8.00	0.000
64	D-Series 1 Luminaire, DSX1.2.LA224.FW	695.15	510.36	8.00	0.000
65	D-Series 1 Luminaire, DSX1.2.LA224.FW	695.03	475.25	8.00	0.000
66	A1,	812.97	530.97	10.00	0.000
67	A1,	767.02	531.26	10.00	0.000
68	D1,	844.67	557.07	6.00	0.000
69	D1,	863.55	561.69	6.00	0.000
70	D1,	871.71	605.96	6.00	0.000
71	B1,	820.96	533.16	10.00	0.000
72	D-Series 2 Luminaire, DSX2.2.LA364.FW	779.11	486.84	8.00	0.000
73	D-Series 0 Area luminaire, DSX0.1.LA114.FW	856.21	621.70	8.00	0.000
74	Denver iD Wall, DWL.1.LA044.AY.W025	684.94	558.95	3.92	0.000
75	Denver iD Wall, DWL.1.LA044.AY.W025	662.28	558.94	3.92	0.000
76	Denver iD Wall, DWL.1.LA044.AY.W025	639.62	558.93	3.92	0.000
77	Denver iD Wall, DWL.1.LA044.AY.W025	616.96	558.92	3.92	0.000
78	Denver iD Wall, DWL.1.LA044.AY.W025	594.31	558.92	3.92	0.000
79	Denver iD Wall, DWL.1.LA044.AY.W025	571.65	558.91	3.92	0.000
80	Denver iD Wall, DWL.1.LA044.AY.W025	548.99	558.90	3.92	0.000
81	Denver iD Wall, DWL.1.LA044.AY.W025	526.33	558.90	3.92	0.000
82	Denver iD Wall, DWL.1.LA044.AY.W025	503.68	558.89	3.92	0.000
83	Denver iD Wall, DWL.1.LA044.AY.W025	481.02	558.88	3.92	0.000
84	Denver iD Wall, DWL.1.LA044.AY.W025	458.36	558.87	3.92	0.000
85	Denver iD Wall, DWL.1.LA044.AY.W025	435.70	558.87	3.92	0.000
86	Denver iD Wall, DWL.1.LA044.AY.W025	413.05	558.86	3.92	0.000
87	J1,	838.76	529.89	8.00	0.000
88	B1,	781.39	533.64	10.00	0.000
89	Denver iD Wall, DWL.1.LA034.NR.W018	853.88	630.24	4.00	0.000

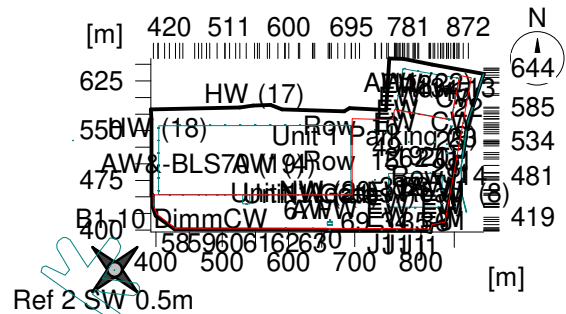
1.2 Calculation results, Exterior 1

1.2.14 Luminous intensity - Ref 2.1 new SW 0.5

90	Denver iD Wall, DWL.1.LA034.NR.W018	834.30	634.00	4.00	0.000
91	Denver iD Wall, DWL.1.LA034.NR.W018	814.61	637.54	4.00	0.000
92	Denver iD Wall, DWL.1.LA034.NR.W018	794.98	641.02	4.00	0.000
93	Denver iD Wall, DWL.1.LA034.NR.W018	775.26	644.43	4.00	0.000
94	Denver iD Wall, DWL.1.LA034.NR.W018	761.64	583.96	4.00	0.000
95	Denver iD Wall, DWL.1.LA034.NR.W018	765.17	603.57	4.00	0.000
96	Denver iD Wall, DWL.1.LA034.NR.W018	768.55	623.37	4.00	0.000
97	Denver iD Wall, DWL.1.LA034.NR.W018	772.02	642.90	4.00	0.000
98	G1,	730.68	476.65	8.00	0.000
99	G1,	730.74	514.10	8.00	0.000
100	G1,	730.66	551.85	8.00	0.000
101	D-Series 2 Luminaire, DSX2.2.LA364.FW	791.22	486.73	8.00	0.000
102	D-Series 2 Luminaire, DSX2.2.LA364.FW	584.11	452.65	7.00	0.000
103	D-Series 2 Luminaire, DSX2.2.LA364.FW	568.08	452.77	7.00	0.000
104	Denver Elite Wall, DEW.LA024.CGL.NR	664.53	412.94	3.98	0.000
105	D-Series 2 Luminaire, DSX2.2.LA364.FW	556.06	452.65	7.00	0.000
106	D-Series 0 Area luminaire, DSX0.1.LA114.FW	849.59	585.42	8.00	0.000
107	D-Series 2 Luminaire, DSX2.2.LA364.FW	814.38	486.77	8.00	0.000
108	D-Series 2 Luminaire, DSX2.2.LA364.FW	772.91	579.58	8.00	0.000
109	D-Series 2 Luminaire, DSX2.2.LA364.FW	788.00	576.83	8.00	0.000
110	D-Series 2 Luminaire, DSX2.2.LA364.FW	796.59	575.22	8.00	0.000
111	D-Series 2 Luminaire, DSX2.2.LA364.FW	818.18	571.33	8.00	0.000

1.2 Calculation results, Exterior 1

1.2.15 Luminous intensity - Ref 2 SW 0.5m



Measuring point for luminous intensity: Ref 2 SW 0.5m

Position : x = 338.29 m, y = 339.90 m, z = 4.00 m

No.	Luminaire	Position Lumin. intensity			
		x[m]	y[m]	z[m]	I[kcd]
1	B1,	396.01	438.50	10.00	0.339
2	B1,	469.20	403.36	10.00	0.325
3	B1,	429.49	403.54	10.00	0.315
4	B1,	511.19	402.97	10.00	0.292
5	D1-8,	661.69	400.45	8.00	0.196
6	B1,	553.17	402.91	10.00	0.190
7	D1-8,	662.29	415.83	8.00	0.150
8	B1,	595.16	403.26	10.00	0.137
9	D-Series 2 Luminaire, DSX2.2.LA364.FW	636.38	452.79	8.00	0.133
10	D-Series 2 Luminaire, DSX2.2.LA364.FW	568.08	452.77	7.00	0.122
11	D-Series 2 Luminaire, DSX2.2.LA364.FW	584.11	452.65	7.00	0.116
12	D-Series 2 Luminaire, DSX2.2.LA364.FW	600.38	452.69	7.00	0.111
13	B1,	636.94	403.10	10.00	0.106
14	D-Series 2 Luminaire, DSX2.2.LA364.FW	614.87	453.15	7.00	0.106
15	D-Series 1 Luminaire, DSX1.2.LA224.FW	674.52	452.98	8.00	0.102
16	D-Series 1 Luminaire, DSX1.2.LA224.FW	760.71	434.26	8.00	0.077
17	D-Series 0 Area luminaire, DSX0.1.LA114.FW	536.20	439.51	8.00	0.076
18	D-Series 1 Luminaire, DSX1.2.LA224.FW	790.78	434.08	8.00	0.070
19	D-Series 1 Luminaire, DSX1.2.LA224.FW	820.66	434.24	8.00	0.064
20	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	420.28	452.76	7.00	0.046
21	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	440.41	452.86	7.00	0.044
22	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	464.33	452.96	7.00	0.041
23	E1,	707.42	399.51	8.00	0.040
24	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	476.17	453.06	7.00	0.040
25	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	492.22	453.17	7.00	0.037
26	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	504.10	453.27	7.00	0.035
27	D-Series 2 Luminaire with Back Light..., DSX2.2.LA364.FW.BLS	520.38	453.37	7.00	0.031
28	Denver Elite Wall, DEW.LA024.CGL.NR	659.70	408.34	2.98	0.014
29	Denver Elite Wall, DEW.LA024.CGL.NR	659.66	408.32	3.98	0.013
30	Denver Elite Wall, DEW.LA024.CGL.NR	659.79	412.98	3.98	0.013
31	Denver Elite Wall, DEW.LA024.CGL.NR	664.48	408.34	3.98	0.012

1.2 Calculation results, Exterior 1

1.2.15 Luminous intensity - Ref 2 SW 0.5m

32	E1,	740.76	419.33	8.00	0.011
33	G1,	701.13	435.08	8.00	0.011
34	G1,	730.60	439.30	8.00	0.010
35	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	825.63	434.46	0.94	0.002
36	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	829.39	434.52	0.94	0.002
37	J1,	812.22	398.76	8.00	0.002
38	J1,	740.14	400.60	8.00	0.002
39	J1,	763.33	400.12	8.00	0.002
40	J1,	789.49	400.23	8.00	0.001
41	J1,	850.20	435.92	8.00	0.001
42	Denver iD Wall, DWL.1.LA034.NR.W018	750.51	460.54	4.00	0.000
43	Denver iD Wall, DWL.1.LA034.NR.W018	750.53	440.59	4.00	0.000
44	J1,	854.03	507.24	8.00	0.000
45	J1,	857.60	526.86	8.00	0.000
46	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	838.51	568.22	0.94	0.000
47	Denver iD Wall, DWL.1.LA034.NR.W018	750.55	480.48	4.00	0.000
48	D1,	863.55	561.69	6.00	0.000
49	D1,	844.67	557.07	6.00	0.000
50	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	694.87	455.60	0.94	0.000
51	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	694.89	460.35	0.94	0.000
52	D-Series 2 Luminaire, DSX2.2.LA364.FW	814.38	486.77	8.00	0.000
53	Denver iD Bollard, DBD.1.LA014.DO.AY.W009	841.39	567.47	0.94	0.000
54	B1,	820.96	533.16	10.00	0.000
55	D-Series 2 Luminaire, DSX2.2.LA364.FW	779.11	486.84	8.00	0.000
56	J1,	850.83	486.16	8.00	0.000
57	J1,	848.57	460.82	8.00	0.000
58	D1,	871.71	605.96	6.00	0.000
59	B1,	748.37	548.12	10.00	0.000
60	Denver iD Wall, DWL.1.LA034.NR.W018	831.90	480.52	4.00	0.000
61	Denver iD Wall, DWL.1.LA034.NR.W018	831.96	460.41	4.00	0.000
62	Denver iD Wall, DWL.1.LA034.NR.W018	832.03	440.50	4.00	0.000
63	D-Series 1 Luminaire, DSX1.2.LA224.FW	695.15	545.33	8.00	0.000
64	D-Series 1 Luminaire, DSX1.2.LA224.FW	695.15	510.36	8.00	0.000
65	D-Series 1 Luminaire, DSX1.2.LA224.FW	695.03	475.25	8.00	0.000
66	J1,	838.76	529.89	8.00	0.000
67	B1,	781.39	533.64	10.00	0.000
68	Denver iD Wall, DWL.1.LA034.NR.W018	853.88	630.24	4.00	0.000
69	D-Series 2 Luminaire, DSX2.2.LA364.FW	759.71	486.76	8.00	0.000
70	Denver iD Wall, DWL.1.LA034.NR.W018	814.61	637.54	4.00	0.000
71	Denver iD Wall, DWL.1.LA034.NR.W018	794.98	641.02	4.00	0.000
72	D-Series 0 Area luminaire, DSX0.1.LA114.FW	849.59	585.42	8.00	0.000
73	D-Series 0 Area luminaire, DSX0.1.LA114.FW	856.21	621.70	8.00	0.000
74	Denver iD Wall, DWL.1.LA044.AY.W025	684.94	558.95	3.92	0.000
75	Denver iD Wall, DWL.1.LA044.AY.W025	662.28	558.94	3.92	0.000
76	Denver iD Wall, DWL.1.LA044.AY.W025	639.62	558.93	3.92	0.000
77	Denver iD Wall, DWL.1.LA044.AY.W025	616.96	558.92	3.92	0.000
78	Denver iD Wall, DWL.1.LA044.AY.W025	594.31	558.92	3.92	0.000
79	Denver iD Wall, DWL.1.LA044.AY.W025	571.65	558.91	3.92	0.000
80	Denver iD Wall, DWL.1.LA044.AY.W025	548.99	558.90	3.92	0.000
81	Denver iD Wall, DWL.1.LA044.AY.W025	526.33	558.90	3.92	0.000
82	Denver iD Wall, DWL.1.LA044.AY.W025	503.68	558.89	3.92	0.000
83	Denver iD Wall, DWL.1.LA044.AY.W025	481.02	558.88	3.92	0.000
84	Denver iD Wall, DWL.1.LA044.AY.W025	458.36	558.87	3.92	0.000
85	Denver iD Wall, DWL.1.LA044.AY.W025	435.70	558.87	3.92	0.000
86	Denver iD Wall, DWL.1.LA044.AY.W025	413.05	558.86	3.92	0.000
87	Denver iD Wall, DWL.1.LA044.AY.W025	403.09	554.62	3.92	0.000
88	Denver iD Wall, DWL.1.LA044.AY.W025	403.14	535.67	3.92	0.000
89	Denver iD Wall, DWL.1.LA044.AY.W025	403.20	516.73	3.92	0.000

Object :
 Installation : Hinckley Park, DZ3
 Project number : P186-694-G1
 Date : 07.06.2023

1.2 Calculation results, Exterior 1

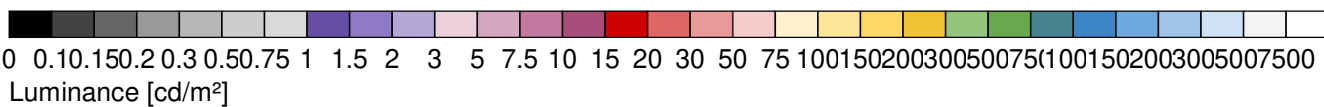
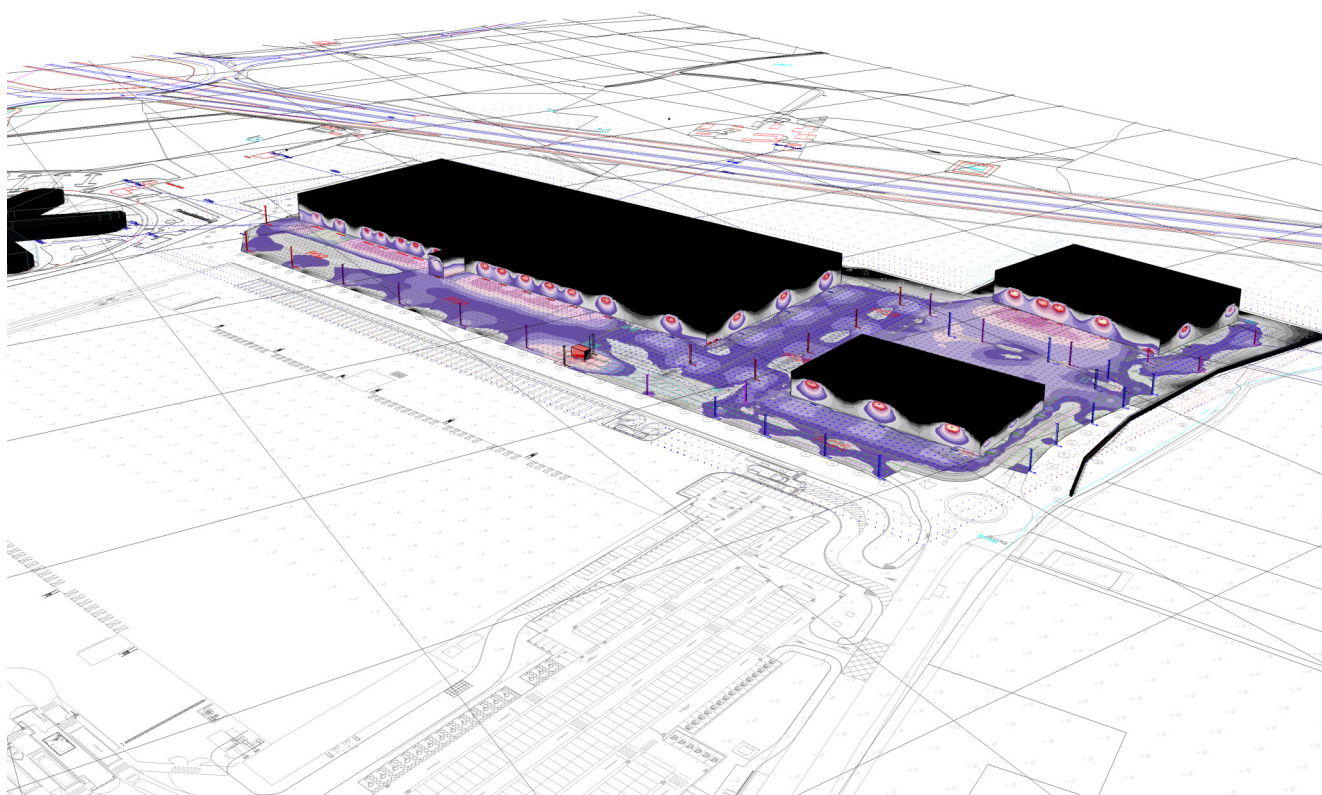
1.2.15 Luminous intensity - Ref 2 SW 0.5m

90	Denver iD Wall, DWL.1.LA044.AY.W025	403.25	497.78	3.92	0.000
91	Denver iD Wall, DWL.1.LA044.AY.W025	403.30	478.84	3.92	0.000
92	Denver iD Wall, DWL.1.LA044.AY.W025	403.35	459.89	3.92	0.000
93	Denver iD Wall, DWL.1.LA034.NR.W018	775.26	644.43	4.00	0.000
94	Denver iD Wall, DWL.1.LA034.NR.W018	761.64	583.96	4.00	0.000
95	Denver iD Wall, DWL.1.LA034.NR.W018	765.17	603.57	4.00	0.000
96	Denver iD Wall, DWL.1.LA034.NR.W018	768.55	623.37	4.00	0.000
97	Denver iD Wall, DWL.1.LA034.NR.W018	772.02	642.90	4.00	0.000
98	C1,	839.08	516.80	8.00	0.000
99	G1,	730.68	476.65	8.00	0.000
100	G1,	730.74	514.10	8.00	0.000
101	D-Series 2 Luminaire, DSX2.2.LA364.FW	791.22	486.73	8.00	0.000
102	A1,	812.97	530.97	10.00	0.000
103	G1,	730.66	551.85	8.00	0.000
104	Denver Elite Wall, DEW.LA024.CGL.NR	664.53	412.94	3.98	0.000
105	Denver iD Wall, DWL.1.LA034.NR.W018	834.30	634.00	4.00	0.000
106	D-Series 2 Luminaire, DSX2.2.LA364.FW	556.06	452.65	7.00	0.000
107	A1,	767.02	531.26	10.00	0.000
108	D-Series 2 Luminaire, DSX2.2.LA364.FW	772.91	579.58	8.00	0.000
109	D-Series 2 Luminaire, DSX2.2.LA364.FW	788.00	576.83	8.00	0.000
110	D-Series 2 Luminaire, DSX2.2.LA364.FW	796.59	575.22	8.00	0.000
111	D-Series 2 Luminaire, DSX2.2.LA364.FW	818.18	571.33	8.00	0.000

1 Exterior 1

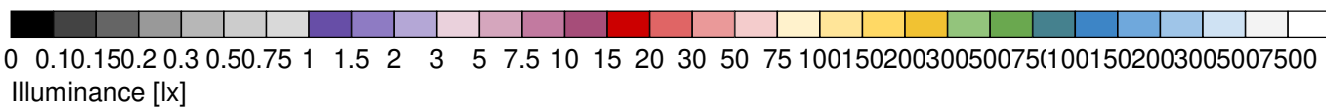
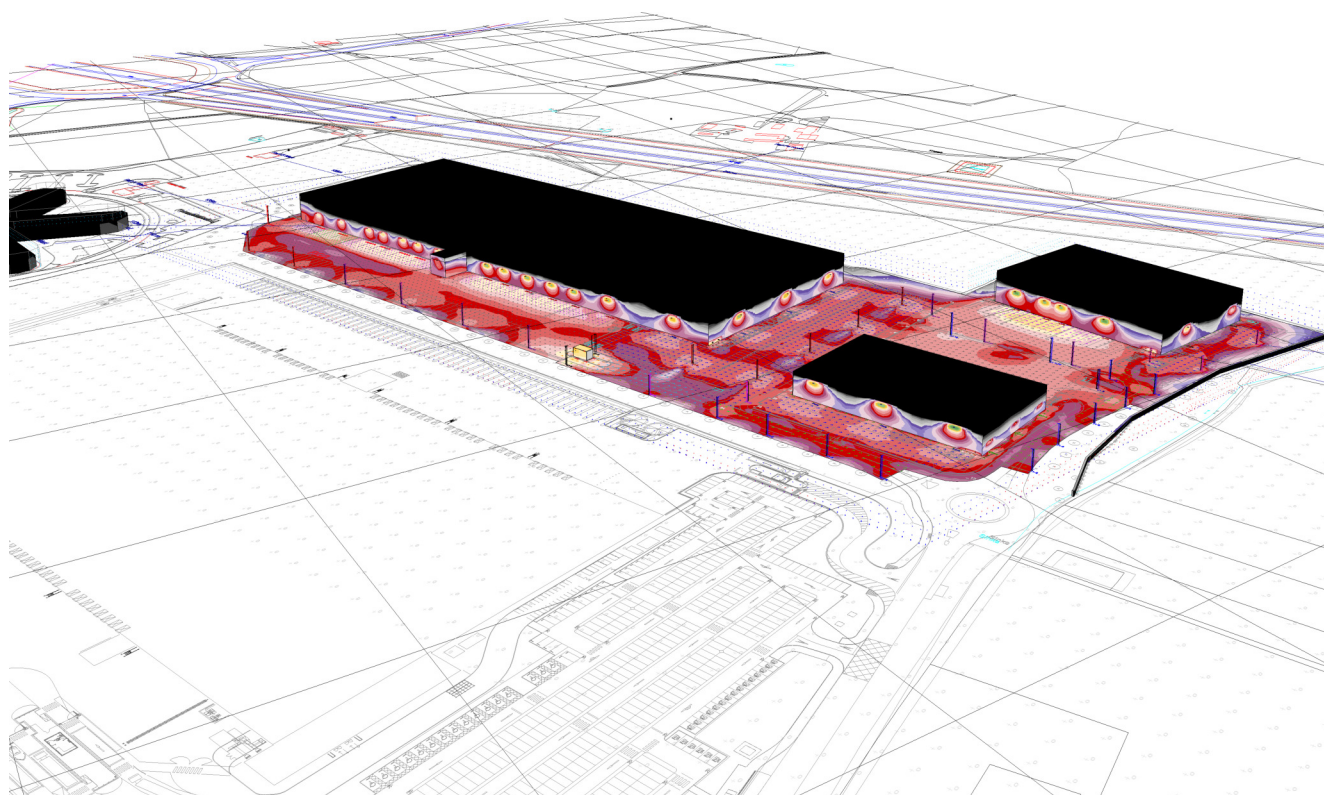
1.3 Calculation results, Exterior 1

1.3.2 3D pseudo colours, View 1 (L)



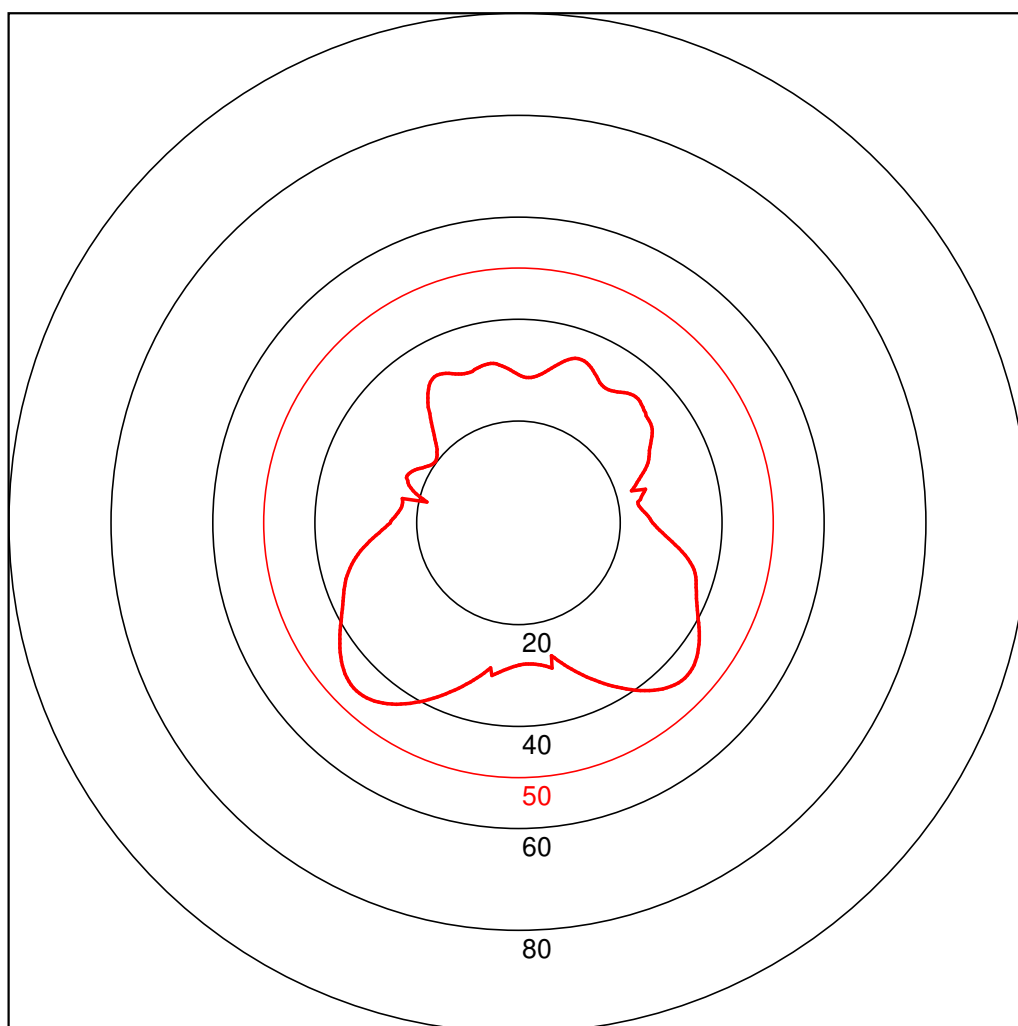
1.3 Calculation results, Exterior 1

1.3.3 3D pseudo colours, View 1 (E)



1.3 Calculation results, Exterior 1

1.3.4 Glare rating - RG 1



$L_{ve} = 0.07 \text{ cd/m}^2$, $E_i = 33 \text{ lx}$, $\rho = 20 \%$

No. Description

1 GR 1

Position

573 m/423 m/1.6 m

$R_{G,max}$

45.8

Direction

224° (-2°)

North

0°

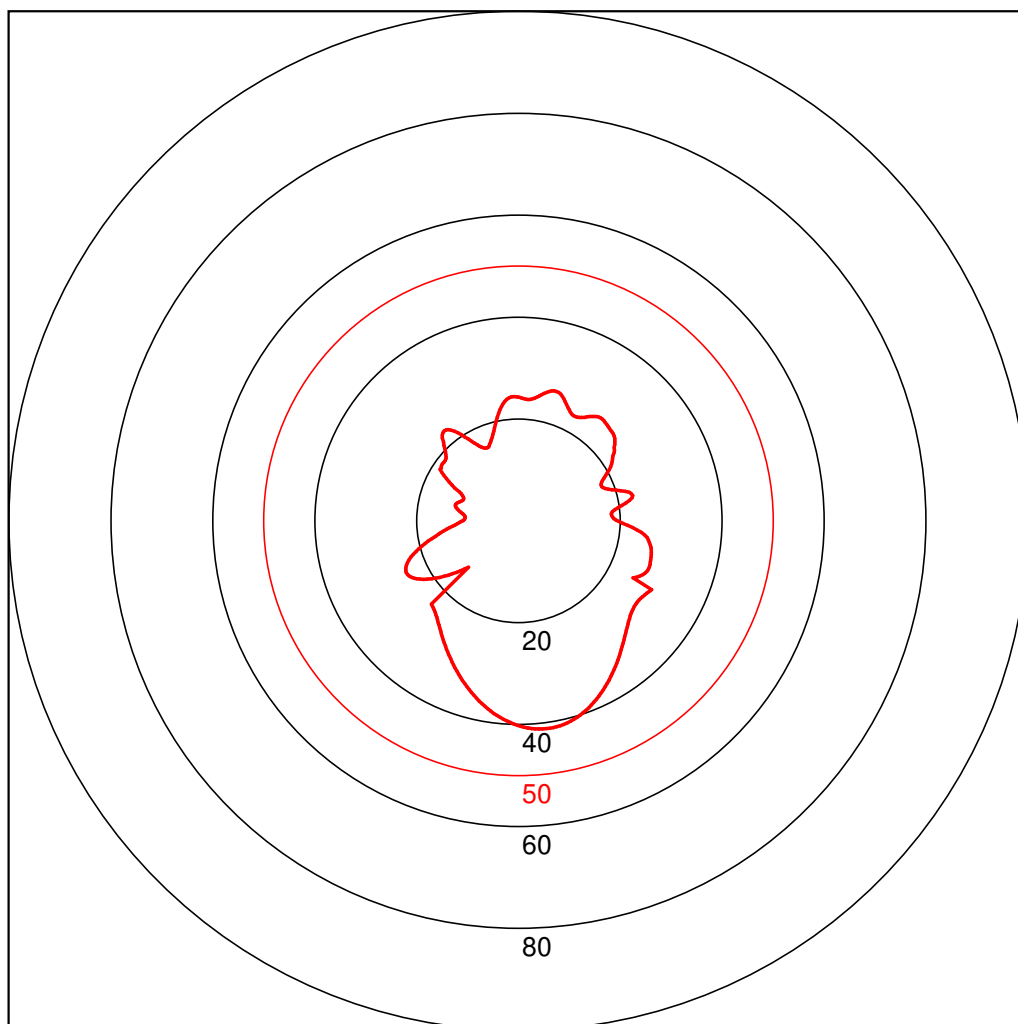
90° East

180°

South

1.3 Calculation results, Exterior 1

1.3.5 Glare rating - RG 2



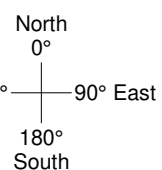
$L_{ve} = 0.07 \text{ cd/m}^2$, $E_i = 33 \text{ lx}$, $\rho = 20 \%$

No. Description
 2 GR 2

Position
 467 m/421 m/1.6 m

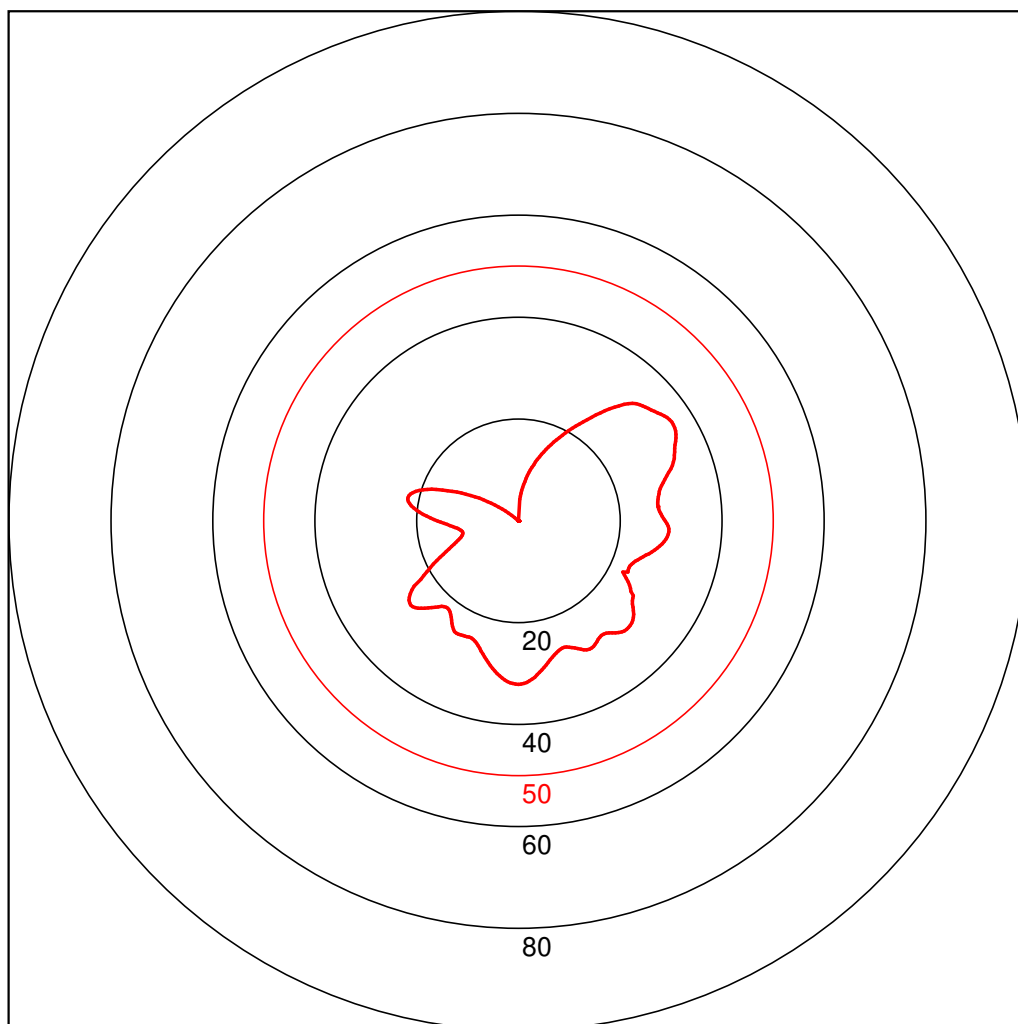
$R_{G,max}$
 41.1

Direction
 170° (2°)



1.3 Calculation results, Exterior 1

1.3.6 Glare rating - RG 3



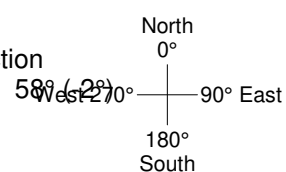
$L_{ve} = 0.07 \text{ cd/m}^2$, $E_i = 33 \text{ lx}$, $\rho = 20 \%$

No. Description
 3 GR 3

Position
 731 m/538 m/1.6 m

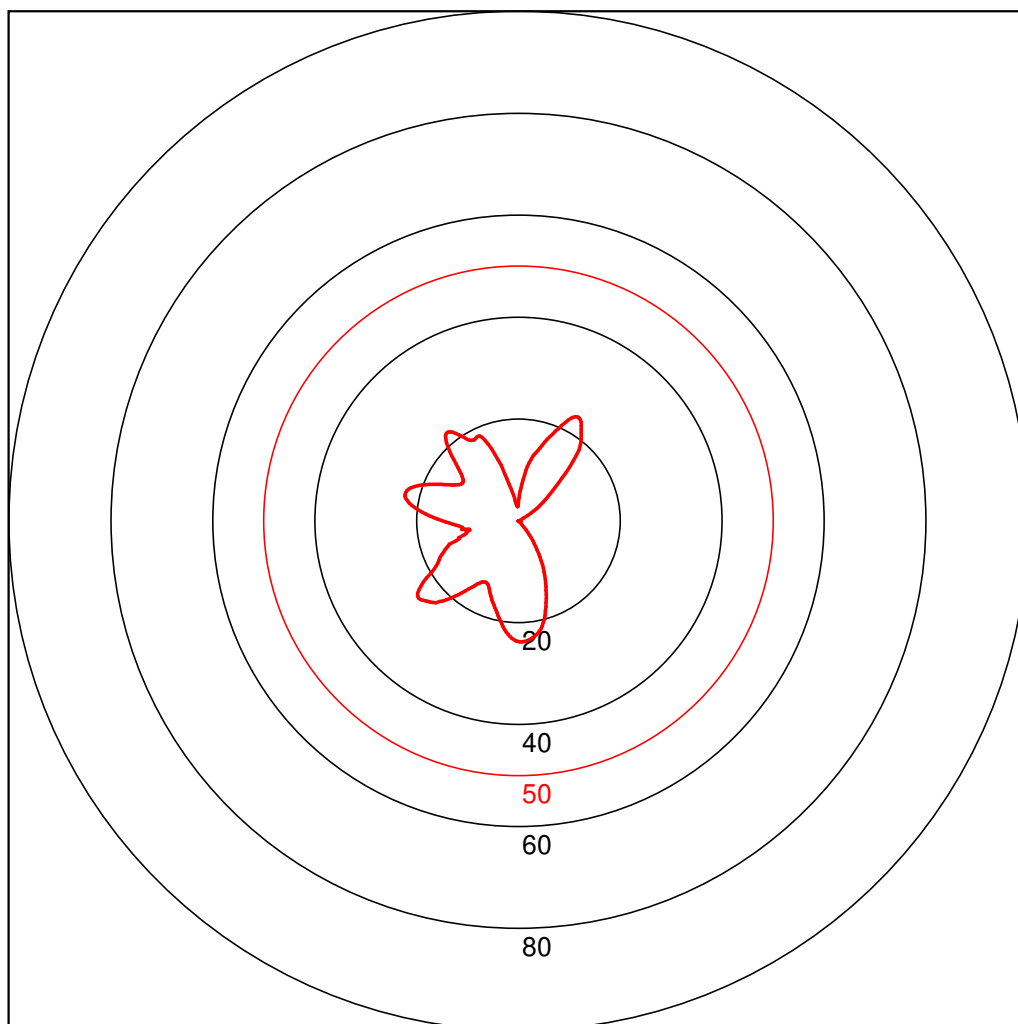
$R_{G,max}$
 35.8

Direction
 58° (2°)



1.3 Calculation results, Exterior 1

1.3.7 Glare rating - RG 6



$L_{ve} = 0.07 \text{ cd/m}^2$, $E_i = 33 \text{ lx}$, $\rho = 20 \%$

No. Description

4 RG 6

Position

731 m/467 m/1.6 m

$R_{G,max}$

24.8

Direction

232° (-2°)

North

0°

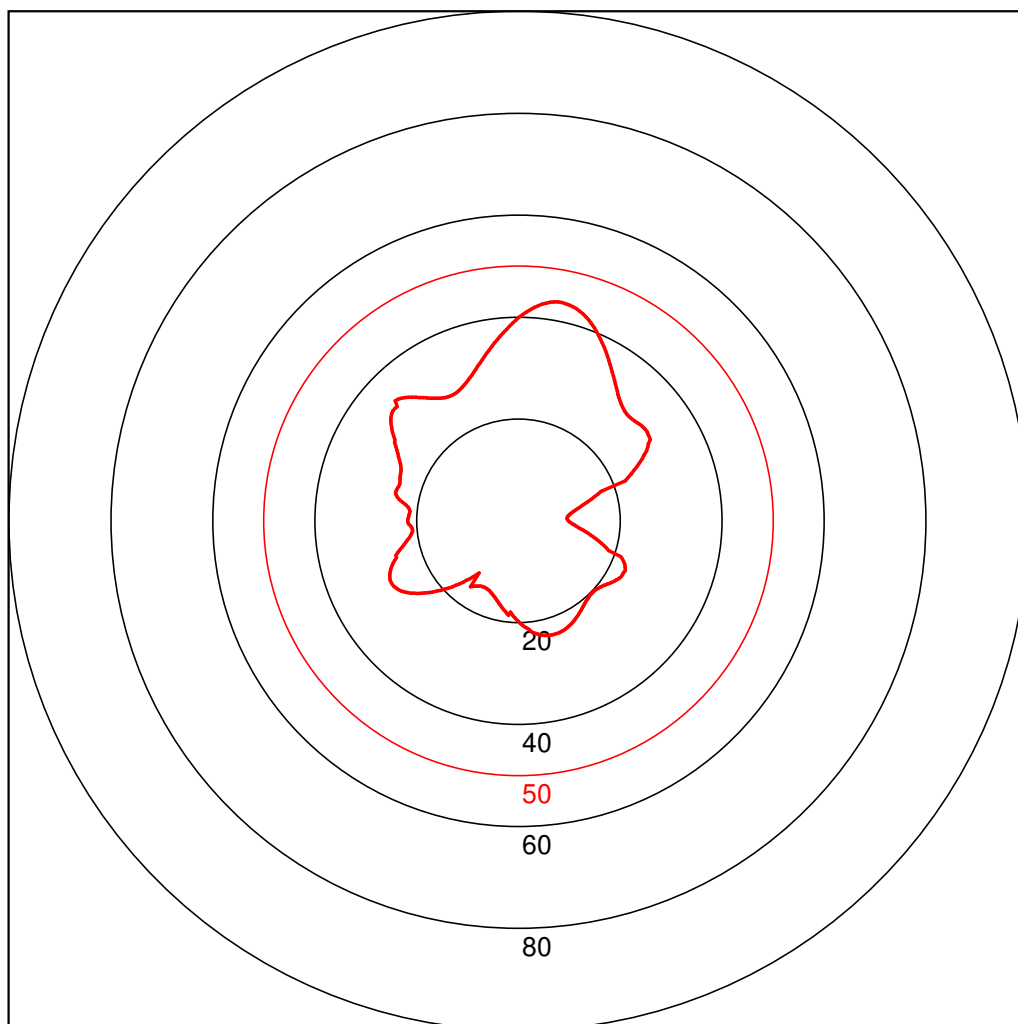
90° East

180°

South

1.3 Calculation results, Exterior 1

1.3.8 Glare rating - RG 5



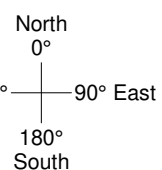
$L_{ve} = 0.07 \text{ cd/m}^2$, $E_i = 33 \text{ lx}$, $\rho = 20 \%$

No. Description
 5 GR 5

Position
 786 m/411 m/1.6 m

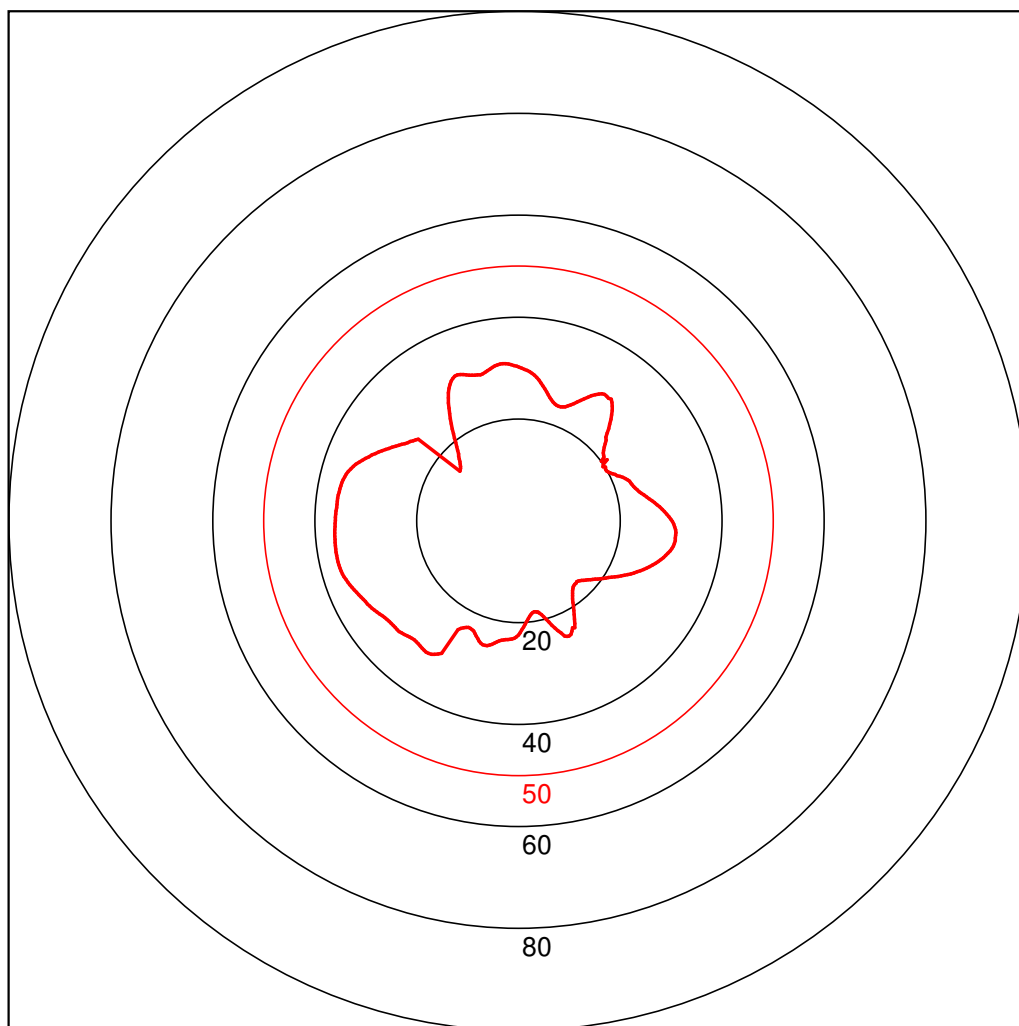
$R_{G,max}$
 43.7

Direction
 11° West



1.3 Calculation results, Exterior 1

1.3.9 Glare rating - RG 4



$L_{ve} = 0.07 \text{ cd/m}^2$, $E_i = 33 \text{ lx}$, $\rho = 20 \%$

No. Description
 6 RG 4

Position
 793 m/536 m/1.6 m

$R_{G,max}$
 36.4

Direction
 258° (-2°)

