

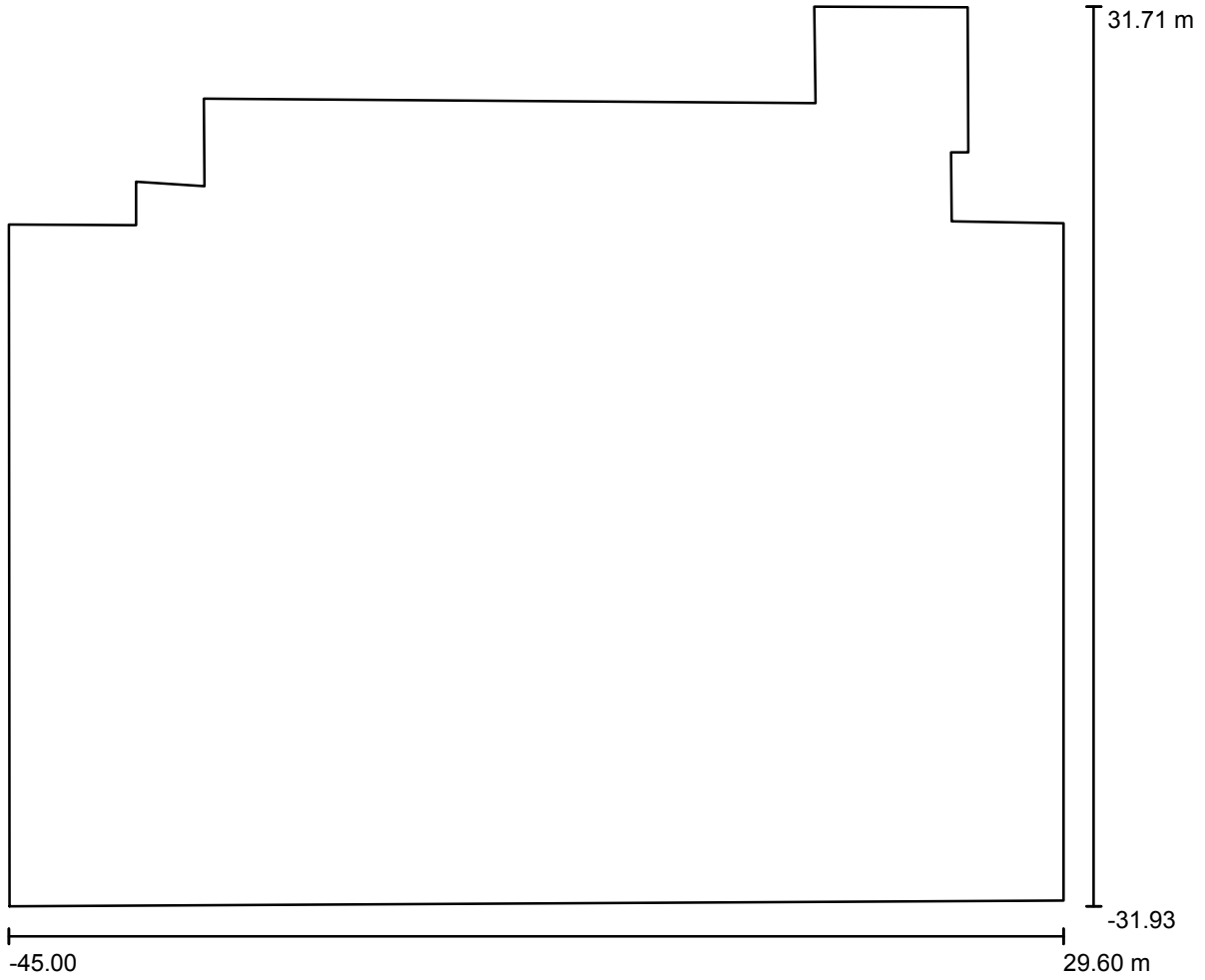
Project 1

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

Date: 26.01.2015
Operator:

Operator
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e-Mail

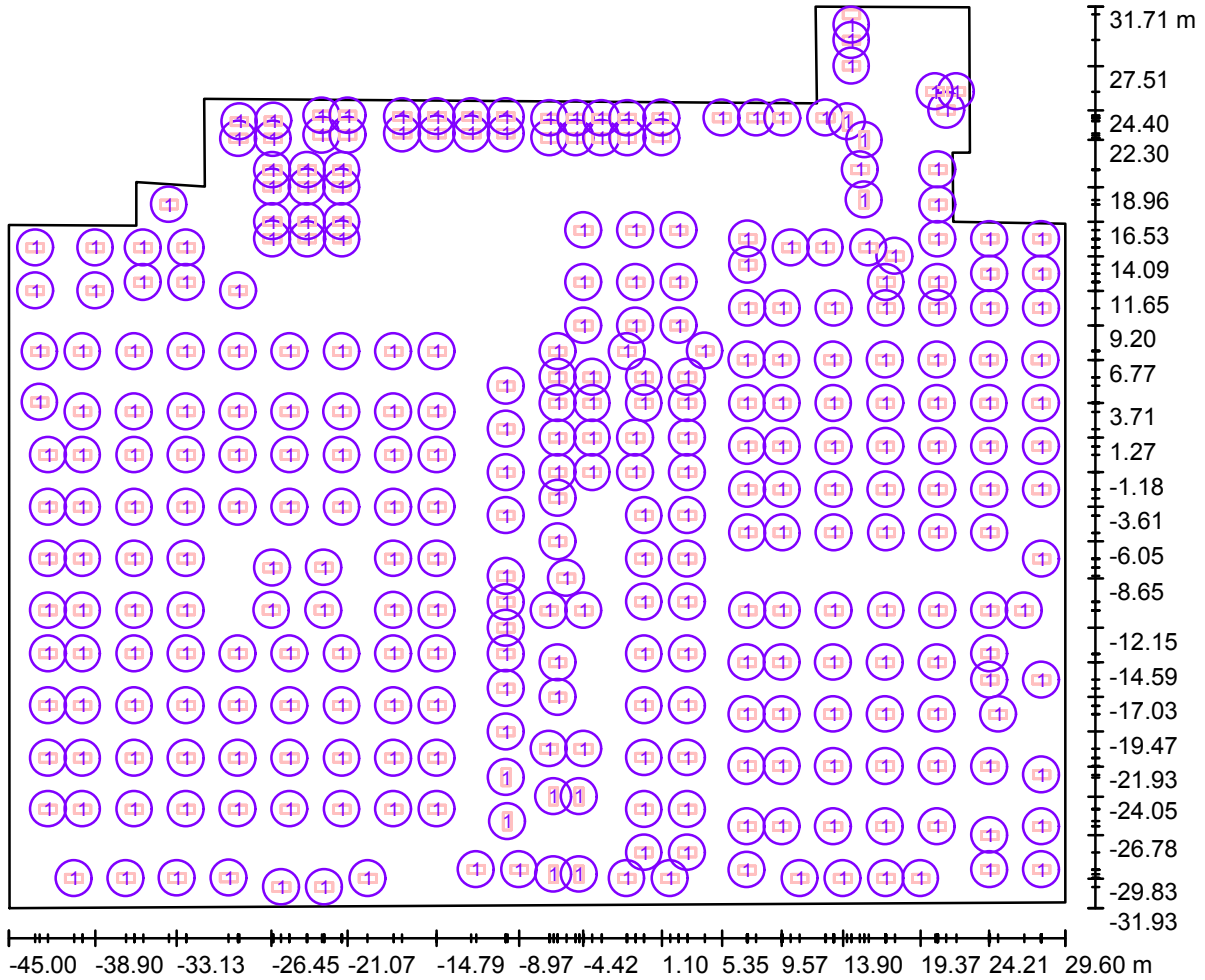
Room 1 / Floor plan



Scale 1 : 534

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Room 1 / Luminaires (layout plan)



Scale 1 : 534

Luminaire Parts List

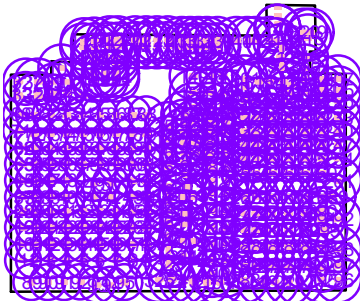
No.	Pieces	Designation
1	329	3X21W T8

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Room 1 / Luminaires (coordinates list)

3X21W T8

6669 lm, 63.0 W, 1 x 3 x T8-21W (Correction Factor 1.000).



No.	Position [m]			Rotation [°]		
	X	Y	Z	X	Y	Z
1	-42.237	-24.938	2.750	0.0	0.0	90.0
2	-39.802	-24.938	2.750	0.0	0.0	90.0
3	-36.141	-24.938	2.750	0.0	0.0	90.0
4	-32.484	-24.938	2.750	0.0	0.0	90.0
5	-28.823	-24.938	2.750	0.0	0.0	90.0
6	-25.173	-24.938	2.750	0.0	0.0	90.0
7	-21.490	-24.938	2.750	0.0	0.0	90.0
8	-17.833	-24.938	2.750	0.0	0.0	90.0
9	-14.782	-24.938	2.750	0.0	0.0	90.0
10	-42.237	-21.348	2.750	0.0	0.0	90.0
11	-39.802	-21.348	2.750	0.0	0.0	90.0
12	-36.141	-21.348	2.750	0.0	0.0	90.0
13	-32.484	-21.348	2.750	0.0	0.0	90.0
14	-28.823	-21.348	2.750	0.0	0.0	90.0
15	-25.173	-21.348	2.750	0.0	0.0	90.0
16	-21.490	-21.348	2.750	0.0	0.0	90.0
17	-17.833	-21.348	2.750	0.0	0.0	90.0
18	-14.782	-21.348	2.750	0.0	0.0	90.0
19	-42.237	-17.634	2.750	0.0	0.0	90.0
20	-39.802	-17.634	2.750	0.0	0.0	90.0
21	-36.141	-17.634	2.750	0.0	0.0	90.0
22	-32.484	-17.634	2.750	0.0	0.0	90.0
23	-28.823	-17.634	2.750	0.0	0.0	90.0
24	-25.173	-17.634	2.750	0.0	0.0	90.0
25	-21.490	-17.634	2.750	0.0	0.0	90.0
26	-17.833	-17.634	2.750	0.0	0.0	90.0
27	-14.782	-17.634	2.750	0.0	0.0	90.0
28	-42.237	-13.970	2.750	0.0	0.0	90.0

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Room 1 / Luminaires (coordinates list)

No.	Position [m]			Rotation [°]		
	X	Y	Z	X	Y	Z
29	-39.802	-13.970	2.750	0.0	0.0	90.0
30	-36.141	-13.970	2.750	0.0	0.0	90.0
31	-32.484	-13.970	2.750	0.0	0.0	90.0
32	-28.823	-13.970	2.750	0.0	0.0	90.0
33	-25.173	-13.970	2.750	0.0	0.0	90.0
34	-21.490	-13.970	2.750	0.0	0.0	90.0
35	-17.833	-13.970	2.750	0.0	0.0	90.0
36	-14.782	-13.970	2.750	0.0	0.0	90.0
37	-42.237	-10.914	2.750	0.0	0.0	90.0
38	-39.802	-10.914	2.750	0.0	0.0	90.0
39	-36.141	-10.914	2.750	0.0	0.0	90.0
40	-32.484	-10.914	2.750	0.0	0.0	90.0
41	-26.452	-10.900	2.750	0.0	0.0	90.0
42	-22.768	-10.900	2.750	0.0	0.0	90.0
43	-17.833	-10.906	2.750	0.0	0.0	90.0
44	-14.782	-10.906	2.750	0.0	0.0	90.0
45	-42.237	-7.254	2.750	0.0	0.0	90.0
46	-39.802	-7.254	2.750	0.0	0.0	90.0
47	-36.141	-7.254	2.750	0.0	0.0	90.0
48	-32.484	-7.254	2.750	0.0	0.0	90.0
49	-26.400	-7.900	2.750	0.0	0.0	90.0
50	-22.758	-7.879	2.750	0.0	0.0	90.0
51	-17.833	-7.253	2.750	0.0	0.0	90.0
52	-14.782	-7.253	2.750	0.0	0.0	90.0
53	-42.237	-3.614	2.750	0.0	0.0	90.0
54	-39.802	-3.614	2.750	0.0	0.0	90.0
55	-36.141	-3.614	2.750	0.0	0.0	90.0
56	-32.484	-3.614	2.750	0.0	0.0	90.0
57	-28.823	-3.614	2.750	0.0	0.0	90.0
58	-25.173	-3.614	2.750	0.0	0.0	90.0
59	-21.490	-3.614	2.750	0.0	0.0	90.0
60	-17.833	-3.614	2.750	0.0	0.0	90.0
61	-14.782	-3.614	2.750	0.0	0.0	90.0
62	-42.237	0.071	2.750	0.0	0.0	90.0
63	-39.802	0.071	2.750	0.0	0.0	90.0
64	-36.141	0.071	2.750	0.0	0.0	90.0
65	-32.484	0.071	2.750	0.0	0.0	90.0
66	-28.823	0.071	2.750	0.0	0.0	90.0

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Room 1 / Luminaires (coordinates list)

No.	Position [m]			Rotation [°]		
	X	Y	Z	X	Y	Z
67	-25.173	0.071	2.750	0.0	0.0	90.0
68	-21.490	0.071	2.750	0.0	0.0	90.0
69	-17.833	0.071	2.750	0.0	0.0	90.0
70	-14.782	0.071	2.750	0.0	0.0	90.0
71	-42.827	3.780	2.750	0.0	0.0	90.0
72	-39.810	3.109	2.750	0.0	0.0	90.0
73	-36.149	3.109	2.750	0.0	0.0	90.0
74	-32.492	3.109	2.750	0.0	0.0	90.0
75	-28.830	3.109	2.750	0.0	0.0	90.0
76	-25.181	3.109	2.750	0.0	0.0	90.0
77	-21.498	3.109	2.750	0.0	0.0	90.0
78	-17.841	3.109	2.750	0.0	0.0	90.0
79	-14.790	3.109	2.750	0.0	0.0	90.0
80	-42.827	7.370	2.750	0.0	0.0	90.0
81	-39.802	7.370	2.750	0.0	0.0	90.0
82	-36.141	7.370	2.750	0.0	0.0	90.0
83	-32.484	7.370	2.750	0.0	0.0	90.0
84	-28.823	7.370	2.750	0.0	0.0	90.0
85	-25.173	7.370	2.750	0.0	0.0	90.0
86	-21.490	7.370	2.750	0.0	0.0	90.0
87	-17.833	7.370	2.750	0.0	0.0	90.0
88	-14.782	7.370	2.750	0.0	0.0	90.0
89	-40.400	-29.831	2.750	0.0	0.0	90.0
90	-36.733	-29.813	2.750	0.0	0.0	90.0
91	-33.134	-29.809	2.750	0.0	0.0	90.0
92	-29.466	-29.791	2.750	0.0	0.0	90.0
93	-25.765	-30.438	2.750	0.0	0.0	90.0
94	-22.717	-30.438	2.750	0.0	0.0	90.0
95	-19.661	-29.829	2.750	0.0	0.0	90.0
96	-28.815	11.651	2.750	0.0	0.0	90.0
97	-35.520	12.260	2.750	0.0	0.0	90.0
98	-32.480	12.260	2.750	0.0	0.0	90.0
99	-35.520	14.691	2.750	0.0	0.0	90.0
100	-32.480	14.691	2.750	0.0	0.0	90.0
101	-33.700	17.739	2.750	0.0	0.0	90.0
102	-26.380	15.310	2.750	0.0	0.0	90.0
103	-23.924	15.305	2.750	0.0	0.0	90.0
104	-21.483	15.310	2.750	0.0	0.0	90.0

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Room 1 / Luminaires (coordinates list)

No.	Position [m]			Rotation [°]		
	X	Y	Z	X	Y	Z
105	-26.383	16.525	2.750	0.0	0.0	90.0
106	-23.935	16.525	2.750	0.0	0.0	90.0
107	-21.486	16.525	2.750	0.0	0.0	90.0
108	-26.406	18.963	2.750	0.0	0.0	90.0
109	-23.958	18.963	2.750	0.0	0.0	90.0
110	-21.509	18.963	2.750	0.0	0.0	90.0
111	-26.383	20.183	2.750	0.0	0.0	90.0
112	-23.935	20.183	2.750	0.0	0.0	90.0
113	-21.486	20.183	2.750	0.0	0.0	90.0
114	-28.789	22.400	2.750	0.0	0.0	90.0
115	-26.340	22.400	2.750	0.0	0.0	90.0
116	-28.720	23.600	2.750	0.0	0.0	90.0
117	-26.320	23.650	2.750	0.0	0.0	90.0
118	-17.220	22.747	2.750	0.0	0.0	90.0
119	-22.900	22.640	2.750	0.0	0.0	90.0
120	-21.070	22.640	2.750	0.0	0.0	90.0
121	-22.900	24.030	2.750	0.0	0.0	90.0
122	-21.070	24.030	2.750	0.0	0.0	90.0
123	-14.781	22.747	2.750	0.0	0.0	90.0
124	-12.343	22.747	2.750	0.0	0.0	90.0
125	-9.904	22.747	2.750	0.0	0.0	90.0
126	-17.220	23.941	2.750	0.0	0.0	90.0
127	-14.781	23.941	2.750	0.0	0.0	90.0
128	-12.343	23.941	2.750	0.0	0.0	90.0
129	-9.904	23.941	2.750	0.0	0.0	90.0
130	-6.800	22.440	2.750	0.0	0.0	90.0
131	-4.971	22.440	2.750	0.0	0.0	90.0
132	-3.142	22.440	2.750	0.0	0.0	90.0
133	-1.313	22.440	2.750	0.0	0.0	90.0
134	-6.800	23.835	2.750	0.0	0.0	90.0
135	-4.971	23.835	2.750	0.0	0.0	90.0
136	-3.142	23.835	2.750	0.0	0.0	90.0
137	-1.313	23.835	2.750	0.0	0.0	90.0
138	1.100	22.454	2.750	0.0	0.0	90.0
139	1.100	23.848	2.750	0.0	0.0	90.0
140	5.350	23.850	2.750	0.0	0.0	90.0
141	7.782	23.850	2.750	0.0	0.0	90.0
142	9.613	23.850	2.750	0.0	0.0	90.0

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Room 1 / Luminaires (coordinates list)

No.	Position [m]			Rotation [°]		
	X	Y	Z	X	Y	Z
143	12.674	23.850	2.750	0.0	0.0	90.0
144	14.495	27.513	2.750	0.0	0.0	90.0
145	14.495	29.338	2.750	0.0	0.0	90.0
146	14.495	31.163	2.750	0.0	0.0	90.0
147	2.300	15.920	2.750	0.0	0.0	90.0
148	-0.749	15.920	2.750	0.0	0.0	90.0
149	-4.420	15.920	2.750	0.0	0.0	90.0
150	2.300	9.200	2.750	0.0	0.0	90.0
151	-0.749	9.200	2.750	0.0	0.0	90.0
152	-4.420	9.200	2.750	0.0	0.0	90.0
153	2.300	12.256	2.750	0.0	0.0	90.0
154	-0.749	12.256	2.750	0.0	0.0	90.0
155	-4.420	12.256	2.750	0.0	0.0	90.0
156	-9.905	4.934	2.750	0.0	0.0	90.0
157	-9.905	1.887	2.750	0.0	0.0	90.0
158	-9.905	-1.175	2.750	0.0	0.0	90.0
159	-9.905	-4.216	2.750	0.0	0.0	90.0
160	-9.905	-8.491	2.750	0.0	0.0	90.0
161	-9.905	-10.320	2.750	0.0	0.0	90.0
162	-9.905	-12.150	2.750	0.0	0.0	90.0
163	-9.905	-13.979	2.750	0.0	0.0	90.0
164	-9.905	-16.420	2.750	0.0	0.0	90.0
165	-9.905	-19.465	2.750	0.0	0.0	90.0
166	-6.248	7.370	2.750	0.0	0.0	90.0
167	-1.359	7.370	2.750	0.0	0.0	90.0
168	4.144	7.415	2.750	0.0	0.0	90.0
169	-6.248	5.540	2.750	0.0	0.0	90.0
170	-6.248	3.710	2.750	0.0	0.0	90.0
171	-3.807	5.540	2.750	0.0	0.0	90.0
172	-3.807	3.710	2.750	0.0	0.0	90.0
173	-0.145	5.540	2.750	0.0	0.0	90.0
174	-0.145	3.710	2.750	0.0	0.0	90.0
175	2.908	5.540	2.750	0.0	0.0	90.0
176	2.908	3.710	2.750	0.0	0.0	90.0
177	-6.248	1.274	2.750	0.0	0.0	90.0
178	-3.807	1.274	2.750	0.0	0.0	90.0
179	-6.248	-1.167	2.750	0.0	0.0	90.0
180	-3.807	-1.167	2.750	0.0	0.0	90.0

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Room 1 / Luminaires (coordinates list)

No.	Position [m]			Rotation [°]		
	X	Y	Z	X	Y	Z
181	-6.248	-2.989	2.750	0.0	0.0	90.0
182	-6.248	-6.055	2.750	0.0	0.0	90.0
183	-0.748	1.274	2.750	0.0	0.0	90.0
184	2.906	1.274	2.750	0.0	0.0	90.0
185	-0.748	-1.163	2.750	0.0	0.0	90.0
186	2.906	-1.163	2.750	0.0	0.0	90.0
187	2.906	-4.209	2.750	0.0	0.0	90.0
188	-0.144	-4.209	2.750	0.0	0.0	90.0
189	2.906	-28.002	2.750	0.0	0.0	90.0
190	-0.144	-28.002	2.750	0.0	0.0	90.0
191	2.906	-7.262	2.750	0.0	0.0	90.0
192	-0.144	-7.262	2.750	0.0	0.0	90.0
193	2.906	-10.300	2.750	0.0	0.0	90.0
194	-0.144	-10.300	2.750	0.0	0.0	90.0
195	2.906	-13.978	2.750	0.0	0.0	90.0
196	-0.144	-13.978	2.750	0.0	0.0	90.0
197	2.906	-17.632	2.750	0.0	0.0	90.0
198	-0.144	-17.632	2.750	0.0	0.0	90.0
199	2.906	-21.303	2.750	0.0	0.0	90.0
200	-0.144	-21.303	2.750	0.0	0.0	90.0
201	2.906	-24.952	2.750	0.0	0.0	90.0
202	-0.144	-24.952	2.750	0.0	0.0	90.0
203	-5.640	-8.646	2.750	0.0	0.0	90.0
204	-4.410	-10.920	2.750	0.0	0.0	90.0
205	-6.848	-10.920	2.750	0.0	0.0	90.0
206	-6.246	-14.588	2.750	0.0	0.0	90.0
207	-6.246	-17.028	2.750	0.0	0.0	90.0
208	-6.855	-20.680	2.750	0.0	0.0	90.0
209	-4.417	-20.680	2.750	0.0	0.0	90.0
210	-4.720	-24.048	2.750	0.0	0.0	180.0
211	-6.537	-24.048	2.750	0.0	0.0	180.0
212	-4.720	-29.532	2.750	0.0	0.0	180.0
213	-6.537	-29.532	2.750	0.0	0.0	180.0
214	1.682	-29.825	2.750	0.0	0.0	90.0
215	-1.368	-29.825	2.750	0.0	0.0	90.0
216	10.842	-29.825	2.750	0.0	0.0	90.0
217	19.374	-29.825	2.750	0.0	0.0	90.0
218	13.895	-29.825	2.750	0.0	0.0	90.0

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Room 1 / Luminaires (coordinates list)

No.	Position [m]			Rotation [°]		
	X	Y	Z	X	Y	Z
219	16.940	-29.825	2.750	0.0	0.0	90.0
220	7.172	10.420	2.750	0.0	0.0	90.0
221	9.624	10.420	2.750	0.0	0.0	90.0
222	13.270	10.420	2.750	0.0	0.0	90.0
223	16.933	10.420	2.750	0.0	0.0	90.0
224	20.596	10.420	2.750	0.0	0.0	90.0
225	24.259	10.420	2.750	0.0	0.0	90.0
226	27.922	10.420	2.750	0.0	0.0	90.0
227	7.120	6.766	2.750	0.0	0.0	90.0
228	9.573	6.766	2.750	0.0	0.0	90.0
229	13.219	6.766	2.750	0.0	0.0	90.0
230	16.882	6.766	2.750	0.0	0.0	90.0
231	20.545	6.766	2.750	0.0	0.0	90.0
232	24.208	6.766	2.750	0.0	0.0	90.0
233	27.871	6.766	2.750	0.0	0.0	90.0
234	7.133	3.716	2.750	0.0	0.0	90.0
235	9.585	3.716	2.750	0.0	0.0	90.0
236	13.232	3.716	2.750	0.0	0.0	90.0
237	16.894	3.716	2.750	0.0	0.0	90.0
238	20.557	3.716	2.750	0.0	0.0	90.0
239	24.220	3.716	2.750	0.0	0.0	90.0
240	27.883	3.716	2.750	0.0	0.0	90.0
241	7.145	0.666	2.750	0.0	0.0	90.0
242	9.597	0.666	2.750	0.0	0.0	90.0
243	13.244	0.666	2.750	0.0	0.0	90.0
244	16.907	0.666	2.750	0.0	0.0	90.0
245	20.570	0.666	2.750	0.0	0.0	90.0
246	24.233	0.666	2.750	0.0	0.0	90.0
247	27.896	0.666	2.750	0.0	0.0	90.0
248	7.158	-2.383	2.750	0.0	0.0	90.0
249	9.610	-2.383	2.750	0.0	0.0	90.0
250	13.256	-2.383	2.750	0.0	0.0	90.0
251	16.919	-2.383	2.750	0.0	0.0	90.0
252	20.582	-2.383	2.750	0.0	0.0	90.0
253	24.245	-2.383	2.750	0.0	0.0	90.0
254	27.908	-2.383	2.750	0.0	0.0	90.0
255	7.170	-5.433	2.750	0.0	0.0	90.0
256	9.622	-5.433	2.750	0.0	0.0	90.0

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Room 1 / Luminaires (coordinates list)

No.	Position [m]			Rotation [°]		
	X	Y	Z	X	Y	Z
257	13.269	-5.433	2.750	0.0	0.0	90.0
258	16.932	-5.433	2.750	0.0	0.0	90.0
259	20.595	-5.433	2.750	0.0	0.0	90.0
260	24.258	-5.433	2.750	0.0	0.0	90.0
261	27.921	-7.277	2.750	0.0	0.0	90.0
262	7.170	-10.918	2.750	0.0	0.0	90.0
263	9.622	-10.918	2.750	0.0	0.0	90.0
264	13.269	-10.918	2.750	0.0	0.0	90.0
265	16.932	-10.918	2.750	0.0	0.0	90.0
266	20.595	-10.918	2.750	0.0	0.0	90.0
267	24.258	-10.918	2.750	0.0	0.0	90.0
268	7.123	-26.171	2.750	0.0	0.0	90.0
269	9.575	-26.171	2.750	0.0	0.0	90.0
270	13.222	-26.171	2.750	0.0	0.0	90.0
271	16.885	-26.171	2.750	0.0	0.0	90.0
272	20.548	-26.171	2.750	0.0	0.0	90.0
273	7.123	-14.583	2.750	0.0	0.0	90.0
274	9.576	-14.583	2.750	0.0	0.0	90.0
275	13.222	-14.583	2.750	0.0	0.0	90.0
276	16.885	-14.583	2.750	0.0	0.0	90.0
277	20.548	-14.583	2.750	0.0	0.0	90.0
278	7.123	-18.234	2.750	0.0	0.0	90.0
279	9.576	-18.234	2.750	0.0	0.0	90.0
280	13.222	-18.234	2.750	0.0	0.0	90.0
281	16.885	-18.234	2.750	0.0	0.0	90.0
282	20.548	-18.234	2.750	0.0	0.0	90.0
283	7.123	-21.901	2.750	0.0	0.0	90.0
284	9.576	-21.901	2.750	0.0	0.0	90.0
285	13.222	-21.901	2.750	0.0	0.0	90.0
286	16.885	-21.901	2.750	0.0	0.0	90.0
287	20.548	-21.901	2.750	0.0	0.0	90.0
288	7.123	-29.232	2.750	0.0	0.0	90.0
289	26.695	-10.918	2.750	0.0	0.0	90.0
290	24.258	-13.971	2.750	0.0	0.0	90.0
291	24.258	-15.812	2.750	0.0	0.0	90.0
292	27.910	-15.812	2.750	0.0	0.0	90.0
293	24.258	-21.929	2.750	0.0	0.0	90.0
294	24.258	-26.784	2.750	0.0	0.0	90.0

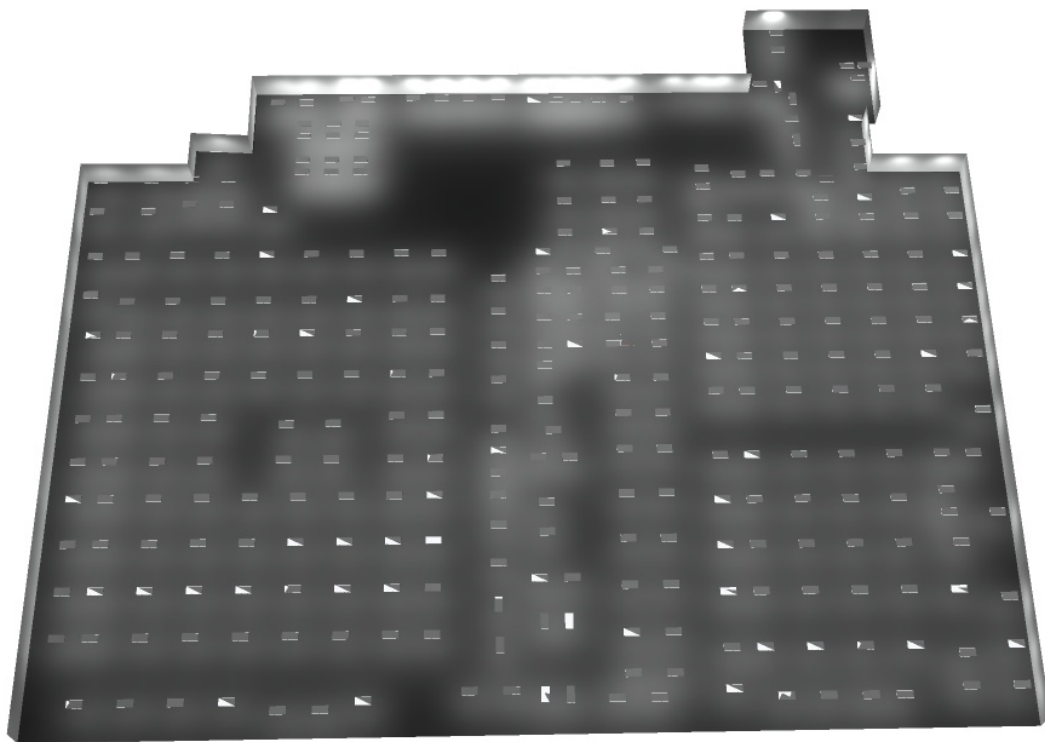
Operator
Telephone
Fax
e-Mail

Room 1 / Luminaires (coordinates list)

No.	Position [m]			Rotation [°]		
	X	Y	Z	X	Y	Z
295	24.258	-29.212	2.750	0.0	0.0	90.0
296	27.918	-29.212	2.750	0.0	0.0	90.0
297	27.918	-26.170	2.750	0.0	0.0	90.0
298	27.918	-22.522	2.750	0.0	0.0	90.0
299	24.867	-18.249	2.750	0.0	0.0	90.0
300	7.172	13.487	2.750	0.0	0.0	90.0
301	7.172	15.316	2.750	0.0	0.0	90.0
302	16.933	12.267	2.750	0.0	0.0	90.0
303	20.596	12.267	2.750	0.0	0.0	90.0
304	24.259	12.862	2.750	0.0	0.0	90.0
305	27.922	12.862	2.750	0.0	0.0	90.0
306	24.259	15.305	2.750	0.0	0.0	90.0
307	27.922	15.305	2.750	0.0	0.0	90.0
308	20.595	15.305	2.750	0.0	0.0	90.0
309	20.595	17.736	2.750	0.0	0.0	90.0
310	20.595	20.216	2.750	0.0	0.0	90.0
311	15.100	20.200	2.750	0.0	0.0	90.0
312	17.557	14.094	2.750	0.0	0.0	90.0
313	15.700	14.700	2.750	0.0	0.0	90.0
314	12.643	14.700	2.750	0.0	0.0	90.0
315	10.224	14.700	2.750	0.0	0.0	90.0
316	14.200	23.600	2.750	0.0	0.0	0.0
317	15.400	22.300	2.750	0.0	0.0	0.0
318	21.200	24.400	2.750	0.0	0.0	90.0
319	21.900	25.700	2.750	0.0	0.0	90.0
320	20.400	25.700	2.750	0.0	0.0	90.0
321	15.395	18.065	2.750	0.0	0.0	0.0
322	-9.900	-22.700	2.750	0.0	0.0	180.0
323	-9.800	-25.800	2.750	0.0	0.0	180.0
324	-8.972	-29.213	2.750	0.0	0.0	90.0
325	-12.000	-29.200	2.750	0.0	0.0	90.0
326	-38.900	14.700	2.750	0.0	0.0	90.0
327	-43.135	14.700	2.750	0.0	0.0	90.0
328	-43.135	11.646	2.750	0.0	0.0	90.0
329	-38.900	11.646	2.750	0.0	0.0	90.0

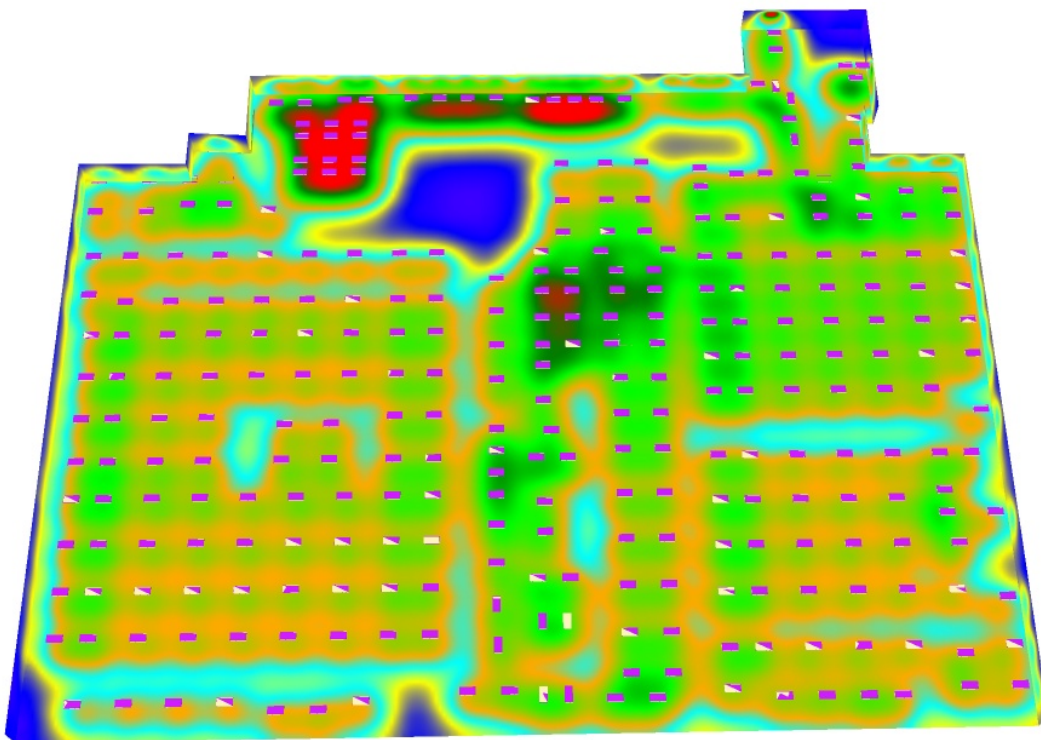
Operator
Telephone
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Room 1 / 3D Rendering



Operator
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Fax
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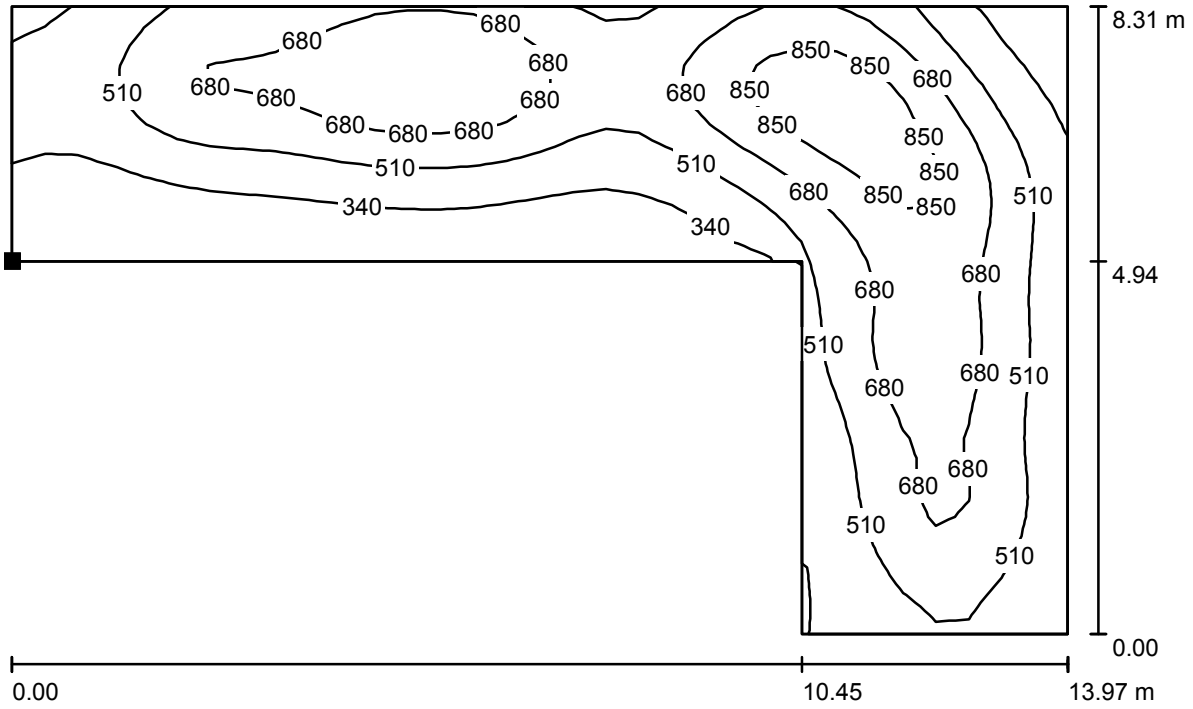
Room 1 / False Colour Rendering



2 8 100 200 300 400 600 800 1000 lx

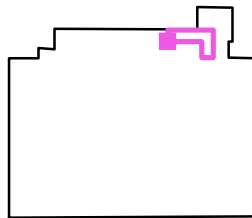
Operator
 Telephone
 Fax
 e-Mail

Room 1 / 计算表面 4 / Isolines (E, Perpendicular)



Values in Lux, Scale 1 : 100

Position of surface in room:
 Marked point:
 (3.053 m, 21.415 m, 0.700 m)



Grid: 32 x 32 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	$u0$	E_{min} / E_{max}
552	180	992	0.326	0.182