



IES INDOOR REPORT
PHOTOMETRIC FILENAME : GNLXATWXOG-M40.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TESTLAB] EVERFINE
 [TEST] 3617
 [TESTDATE] 08/17/2020
 [ISSUE DATE] 08/18/2020
 [LUMCAT] GNLXATWXOG-M40 (CEILING MOUNT)
 [LUMINAIRE] DECORATIVE VANDAL ROUND WALL LIGHT W/ OPEN WHITE LENS
 [LAMP] LED
 [BALLAST] KT-RKIT20PS-8CP-8CSC-VDIM (17W SETTING 4000K)
 [MANUFAC] LAMAR LIGHTING CO., INC.
 [OTHER] Test distance = 30 ft.
 [OTHER] Shielding angle: normal 90, Parallel 90

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1050
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	62
Total Luminaire Watts	17
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	1.32
Spacing Criterion (Diagonal)	1.42
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.92 ft (Diameter)
Luminous Width (90-270)	0.92 ft (Diameter)
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	4455	4475	4668
55	4444	4479	4738
65	4658	4707	4991
75	5562	5632	6047
85	11270	11437	12504

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CANDELA TABULATION

	<u>0</u>	<u>30</u>	<u>60</u>	<u>90</u>	<u>120</u>	<u>150</u>	<u>180</u>	<u>210</u>	<u>240</u>	<u>270</u>
0	279.313	279.313	279.313	279.313	279.313	279.313	279.313	279.313	279.313	279.313
1	279.194	279.010	279.069	281.160	280.588	279.917	279.405	279.161	279.102	280.950
2	279.043	278.773	278.892	281.160	280.345	279.707	279.313	279.253	278.925	280.647
3	278.616	278.320	278.675	281.127	280.161	279.523	279.313	279.069	278.767	280.404
4	278.136	277.925	278.372	280.884	280.042	279.345	279.017	279.010	278.556	279.832
5	277.735	277.439	277.886	280.700	279.648	278.918	278.681	278.616	278.228	279.345
6	277.255	276.834	277.380	280.220	279.135	278.583	278.287	278.372	277.623	278.833
7	276.492	276.229	276.886	279.793	278.649	278.037	277.984	277.919	277.169	278.195
8	275.775	275.387	276.229	279.372	278.103	277.465	277.261	277.347	276.564	277.320
9	275.039	274.513	275.644	278.583	277.353	276.735	276.656	276.854	275.933	276.512
10	274.164	273.632	274.592	278.037	276.656	276.071	275.926	276.071	274.993	275.446
11	273.172	272.606	273.744	277.136	275.749	275.289	275.144	275.348	274.085	274.605
12	272.133	271.423	272.744	276.374	274.901	274.375	274.230	274.493	273.145	273.481
13	270.870	270.213	271.659	275.407	273.783	273.382	273.389	273.619	272.179	272.271
14	269.739	269.029	270.653	274.434	272.751	272.100	272.264	272.494	271.028	271.061
15	268.299	267.760	269.207	273.224	271.515	271.081	271.212	271.561	269.785	269.608
16	267.109	266.241	268.017	272.067	270.357	269.647	270.022	270.226	268.536	268.240
17	265.505	264.828	266.445	270.831	268.878	268.438	268.608	269.049	267.096	266.708
18	263.927	263.237	265.137	269.397	267.583	266.833	267.313	267.767	265.650	265.143
19	262.237	261.534	263.421	267.984	265.886	265.564	265.821	266.320	264.065	263.526
20	260.705	259.903	261.948	266.452	264.348	263.756	264.137	264.723	262.500	261.810
21	258.759	258.108	260.153	264.742	262.678	262.172	262.612	263.171	260.738	259.956
22	257.010	256.123	258.437	263.059	261.014	260.337	261.014	261.422	259.048	257.904
23	255.156	254.236	256.458	261.323	259.042	258.628	259.219	259.719	257.010	255.984
24	253.039	251.974	254.643	259.390	257.083	256.635	257.411	257.819	255.235	253.848
25	250.941	249.995	252.513	257.589	254.985	254.656	255.314	256.017	252.953	251.842
26	248.620	247.858	250.317	255.426	253.026	252.552	253.236	253.973	251.119	249.436
27	246.516	245.418	248.094	253.506	250.830	250.415	251.099	251.842	248.653	247.207
28	244.077	243.137	245.925	251.218	248.548	248.252	249.120	249.705	246.457	244.833
29	241.704	240.514	243.610	248.897	246.194	245.898	246.799	247.444	244.163	242.295
30	239.113	238.199	241.322	246.615	243.762	243.558	244.301	245.162	241.612	239.889
31	236.667	235.517	238.699	244.196	241.197	240.961	241.927	242.683	239.172	237.095
32	233.965	232.933	236.049	241.618	238.824	238.502	239.402	240.257	236.588	234.326
33	231.315	230.164	233.491	239.146	236.207	235.812	236.871	237.660	233.998	231.677
34	228.422	227.331	230.750	236.437	233.406	233.136	234.195	235.161	231.348	228.843
35	225.654	224.503	227.890	233.787	230.671	230.395	231.578	232.361	228.337	225.864
36	222.787	221.518	224.997	230.921	227.771	227.534	228.586	229.652	225.562	222.939
37	219.690	218.441	222.110	228.093	224.911	224.549	225.726	226.791	222.426	219.835
38	216.732	215.430	218.967	225.043	221.808	221.591	222.807	223.741	219.539	216.791
39	213.484	212.241	216.022	222.071	218.671	218.500	219.914	220.769	216.285	213.602
40	210.282	209.138	212.852	218.961	215.667	215.390	216.725	217.685	213.425	210.347
41	206.994	205.758	209.572	215.792	212.412	212.188	213.622	214.582	209.775	207.034
42	203.713	202.359	206.376	212.603	209.217	208.907	210.308	211.393	207.007	203.628
43	200.248	199.012	202.997	209.289	205.811	205.712	207.113	208.072	203.148	200.340
44	196.994	195.567	199.597	206.093	202.372	202.339	203.608	204.851	200.248	196.724
45	193.344	192.168	196.218	202.563	198.966	198.874	200.268	201.471	196.277	193.410
46	189.971	188.670	192.878	199.190	195.527	195.527	196.796	197.954	193.285	189.761
47	186.559	185.119	189.314	195.692	191.977	191.937	193.397	194.508	189.406	186.329
48	182.851	181.496	185.724	192.161	188.505	188.288	189.866	191.129	186.053	182.614
49	179.294	177.880	182.233	188.578	184.896	184.797	186.349	187.545	182.384	178.912
50	175.822	174.264	178.577	185.047	181.273	181.174	182.752	183.988	178.794	175.382
51	172.002	170.726	175.027	181.312	177.558	177.532	179.221	180.372	175.467	171.818
52	168.616	167.025	171.437	177.781	173.915	173.850	175.493	176.756	171.529	168.116
53	164.125	163.343	167.853	174.106	170.233	170.325	171.871	173.258	168.057	164.401

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CANDELA TABULATION - (Cont.)

54	159.641	159.792	163.573	170.424	166.624	166.729	168.195	169.609	164.322	160.818
55	156.432	156.018	159.293	166.801	163.001	162.350	164.605	166.131	160.548	157.050
56	152.645	152.468	155.676	162.527	159.240	157.984	160.930	161.752	157.359	153.349
57	149.154	148.878	152.106	158.260	155.584	154.447	157.307	157.386	153.046	149.811
58	145.439	145.137	148.542	154.552	151.975	150.817	153.697	153.868	150.061	146.129
59	141.882	141.520	144.880	150.936	148.260	147.175	149.982	150.186	145.840	142.487
60	138.312	137.990	141.277	147.267	144.637	143.460	146.392	146.662	142.848	138.897
61	134.748	134.459	137.753	143.776	140.896	139.942	142.802	143.111	138.627	135.307
62	131.263	130.908	134.235	140.094	137.339	136.359	139.127	139.587	135.491	131.750
63	127.739	127.351	130.691	136.609	133.729	132.848	135.662	136.030	131.763	128.173
64	124.274	123.853	127.174	132.953	130.139	129.265	132.046	132.460	128.199	124.642
65	120.816	120.421	123.774	129.462	126.588	125.793	128.489	128.982	124.918	121.210
66	117.416	117.009	120.296	125.951	123.058	122.374	124.958	125.550	121.026	117.765
67	114.024	113.603	116.943	122.420	119.645	118.929	121.552	122.078	118.126	114.234
68	110.690	110.309	113.517	118.981	116.141	115.470	118.080	118.718	114.208	110.920
69	107.396	106.942	110.204	115.589	112.774	112.064	114.707	115.326	111.196	107.633
70	104.069	103.681	106.923	112.308	109.395	108.829	111.361	111.972	107.699	104.319
71	100.907	100.400	103.694	108.954	106.140	105.522	108.080	108.691	104.536	100.946
72	97.652	97.211	100.427	105.654	102.774	102.215	104.707	105.450	101.170	97.698
73	94.562	94.016	97.284	102.392	99.486	99.026	101.452	102.182	98.033	94.529
74	91.419	90.788	94.121	99.210	96.311	95.890	98.250	99.026	94.831	91.360
75	88.348	87.888	91.044	96.048	93.148	92.780	95.088	95.824	91.662	88.342
76	85.311	84.883	87.967	92.918	89.985	89.676	91.892	92.773	88.716	85.212
77	82.339	81.865	84.956	89.834	87.000	86.632	88.881	89.624	85.462	82.201
78	79.380	78.920	81.931	86.810	83.930	83.641	85.751	86.619	82.838	79.189
79	76.474	75.698	79.071	83.825	81.011	80.682	82.825	83.654	79.498	76.152
80	73.679	72.897	76.217	80.886	77.920	77.809	79.847	80.688	76.592	73.114
81	70.905	70.201	73.416	77.973	74.824	74.948	76.796	77.809	73.693	70.392
82	68.170	67.460	70.622	75.152	72.075	72.141	73.745	74.955	70.642	67.571
83	65.500	64.843	67.939	72.338	69.333	69.393	71.056	72.167	68.360	64.948
84	62.831	62.239	65.277	69.603	66.690	66.703	68.262	69.399	65.303	62.259
85	60.286	59.721	62.633	66.887	64.021	64.087	65.678	66.703	62.837	59.694
86	57.781	57.209	60.089	64.297	61.378	61.463	62.949	64.060	60.319	57.150
87	55.289	54.776	57.577	61.720	59.017	58.965	60.536	61.516	57.604	54.678
88	52.929	52.390	55.164	59.182	56.414	56.479	57.860	58.938	55.486	52.278
89	50.614	50.075	52.751	56.723	54.119	54.086	55.513	56.512	52.791	49.917
90	48.307	47.866	50.443	54.263	51.680	51.693	52.988	54.047	50.476	47.636
91	46.078	45.683	48.155	51.936	49.444	49.405	50.595	51.699	48.431	45.374
92	43.914	43.553	46.012	49.654	47.195	47.123	48.550	49.359	46.038	43.224
93	41.817	41.462	43.836	47.458	45.058	44.966	46.091	47.195	43.941	41.107
94	39.766	39.411	41.764	45.275	42.954	42.803	44.000	44.953	41.856	39.069
95	37.773	37.445	39.680	43.152	40.850	40.699	41.962	42.823	39.667	37.063
96	35.880	35.525	37.721	41.087	38.865	38.707	39.766	40.739	37.813	35.137
97	33.973	33.730	35.834	39.088	36.938	36.767	37.971	38.760	35.886	33.296
98	32.204	31.941	33.986	37.142	35.064	34.880	35.900	36.827	33.947	31.507
99	30.495	30.238	32.191	35.268	33.223	33.033	34.098	34.933	32.342	29.785
100	28.772	28.582	30.449	33.473	31.488	31.310	32.283	33.112	30.501	28.108
101	27.221	26.990	28.799	31.685	29.791	29.601	30.580	31.356	28.858	26.491
102	25.636	25.465	27.194	30.021	28.167	27.996	28.897	29.673	27.326	24.985
103	24.189	23.979	25.675	28.365	26.589	26.432	27.313	28.003	25.603	23.506
104	22.782	22.572	24.170	26.839	25.123	24.952	25.794	26.464	24.176	22.105
105	21.435	21.244	22.789	25.327	23.690	23.525	24.347	24.959	22.822	20.790
106	20.152	19.981	21.461	23.907	22.342	22.151	22.947	23.565	21.435	19.547
107	18.969	18.798	20.192	22.533	21.047	20.876	21.625	22.210	20.271	18.351
108	17.831	17.674	18.975	21.224	19.830	19.666	20.383	20.928	18.989	17.233
109	16.727	16.589	17.838	19.968	18.673	18.509	19.173	19.692	17.884	16.188

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110	15.734	15.550	16.760	18.811	17.568	17.417	18.062	18.555	16.865	15.188
111	14.800	14.636	15.754	17.720	16.543	16.411	16.990	17.483	15.826	14.287
112	13.906	13.742	14.800	16.687	15.576	15.451	15.997	16.457	14.952	13.406
113	13.071	12.920	13.886	15.721	14.682	14.564	15.070	15.510	14.024	12.624
114	12.315	12.144	13.065	14.833	13.840	13.735	14.189	14.616	13.235	11.874
115	11.611	11.447	12.289	13.998	13.071	12.972	13.393	13.808	12.525	11.210
116	10.961	10.809	11.592	13.216	12.354	12.262	12.650	13.025	11.815	10.579
117	10.356	10.198	10.921	12.519	11.710	11.625	11.980	12.328	11.224	10.001
118	9.830	9.639	10.316	11.835	11.085	11.000	11.355	11.657	10.619	9.481
119	9.337	9.146	9.751	11.230	10.540	10.467	10.796	11.059	10.106	9.021
120	8.883	8.705	9.251	10.678	10.033	9.981	10.290	10.513	9.632	8.587
121	8.449	8.285	8.784	10.152	9.567	9.547	9.869	10.033	9.185	8.186
122	8.061	7.910	8.363	9.698	9.159	9.120	9.475	9.580	8.863	7.831
123	7.719	7.561	7.989	9.277	8.771	8.699	9.021	9.185	8.508	7.509
124	7.423	7.259	7.666	8.909	8.429	8.357	8.613	8.837	8.127	7.219
125	7.160	6.983	7.357	8.567	8.114	8.041	8.271	8.501	7.831	6.976
126	6.917	6.739	7.075	8.271	7.831	7.759	7.989	8.212	7.568	6.792
127	6.713	6.503	6.818	8.061	7.555	7.515	7.772	7.969	7.318	6.549
128	6.490	6.292	6.601	7.805	7.318	7.259	7.522	7.726	7.094	6.273
129	6.266	6.082	6.397	7.528	7.088	7.016	7.259	7.430	6.877	6.010
130	6.049	5.845	6.181	7.311	6.864	6.792	7.009	7.200	6.674	5.740
131	5.806	5.615	5.924	7.127	6.621	6.549	6.772	6.976	6.417	5.497
132	5.569	5.405	5.681	6.943	6.384	6.299	6.529	6.726	6.154	5.286
133	5.352	5.240	5.470	6.647	6.167	6.062	6.279	6.470	5.918	5.109
134	5.142	5.096	5.280	6.371	5.950	5.858	6.056	6.161	5.720	4.977
135	4.971	4.971	5.129	6.167	5.740	5.681	5.845	5.904	5.569	4.898
136	4.846	4.905	5.010	5.964	5.589	5.549	5.674	5.681	5.470	4.892
137	4.793	4.931	4.951	5.753	5.484	5.470	5.530	5.497	5.477	4.931
138	4.839	4.971	4.977	5.628	5.484	5.464	5.438	5.392	5.516	4.971
139	4.879	5.010	5.010	5.635	5.523	5.503	5.451	5.398	5.556	5.010
140	4.925	5.056	5.050	5.661	5.556	5.543	5.490	5.438	5.589	5.056
141	4.977	5.096	5.096	5.694	5.595	5.582	5.530	5.470	5.622	5.096
142	5.010	5.135	5.129	5.727	5.628	5.622	5.569	5.510	5.661	5.142
143	5.063	5.175	5.168	5.760	5.661	5.661	5.602	5.536	5.701	5.175
144	5.102	5.221	5.207	5.786	5.694	5.694	5.641	5.576	5.727	5.221
145	5.155	5.253	5.253	5.819	5.733	5.727	5.681	5.608	5.766	5.260
146	5.194	5.273	5.286	5.852	5.766	5.760	5.714	5.635	5.793	5.306
147	5.240	5.306	5.326	5.885	5.799	5.799	5.747	5.668	5.819	5.345
148	5.280	5.339	5.365	5.911	5.825	5.825	5.779	5.701	5.845	5.385
149	5.326	5.372	5.405	5.944	5.858	5.858	5.806	5.727	5.871	5.431
150	5.372	5.418	5.438	5.970	5.898	5.885	5.839	5.760	5.898	5.484
151	5.418	5.457	5.477	5.996	5.931	5.911	5.871	5.793	5.918	5.523
152	5.464	5.477	5.510	6.023	5.957	5.944	5.904	5.819	5.944	5.569
153	5.510	5.516	5.543	6.056	5.990	5.977	5.937	5.852	5.970	5.608
154	5.562	5.562	5.582	6.082	6.023	6.003	5.964	5.878	5.990	5.648
155	5.608	5.602	5.615	6.108	6.049	6.029	5.990	5.911	5.996	5.694
156	5.648	5.648	5.648	6.134	6.082	6.062	6.023	5.937	5.990	5.727
157	5.694	5.694	5.661	6.154	6.108	6.088	6.049	5.964	5.983	5.760
158	5.740	5.733	5.687	6.181	6.134	6.108	6.075	5.990	6.010	5.786
159	5.779	5.773	5.714	6.200	6.161	6.134	6.095	6.016	6.036	5.819
160	5.825	5.812	5.747	6.227	6.187	6.154	6.121	6.049	6.062	5.839
161	5.865	5.852	5.766	6.246	6.207	6.181	6.141	6.075	6.082	5.871
162	5.904	5.891	5.812	6.266	6.227	6.207	6.154	6.102	6.108	5.904
163	5.950	5.931	5.839	6.286	6.246	6.227	6.181	6.128	6.134	5.950
164	5.990	5.964	5.871	6.299	6.266	6.240	6.194	6.148	6.154	5.983
165	6.029	5.996	5.904	6.312	6.292	6.259	6.207	6.174	6.174	6.023

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CANDELA TABULATION - (Cont.)

166	6.062	6.003	5.944	6.325	6.312	6.273	6.227	6.187	6.187	6.049
167	6.075	6.016	5.977	6.345	6.332	6.279	6.240	6.207	6.213	6.088
168	6.102	6.049	6.016	6.365	6.345	6.299	6.259	6.227	6.227	6.121
169	6.128	6.075	6.049	6.371	6.351	6.319	6.279	6.240	6.240	6.154
170	6.154	6.108	6.082	6.345	6.358	6.325	6.279	6.253	6.240	6.181
171	6.174	6.128	6.108	6.338	6.358	6.332	6.292	6.266	6.259	6.207
172	6.194	6.154	6.141	6.345	6.351	6.345	6.292	6.279	6.273	6.227
173	6.194	6.174	6.167	6.351	6.358	6.345	6.286	6.286	6.279	6.253
174	6.207	6.200	6.194	6.358	6.345	6.338	6.292	6.292	6.286	6.266
175	6.227	6.220	6.220	6.371	6.338	6.332	6.292	6.292	6.292	6.292
176	6.240	6.233	6.233	6.365	6.345	6.332	6.292	6.299	6.299	6.312
177	6.259	6.253	6.246	6.378	6.338	6.332	6.299	6.299	6.305	6.319
178	6.279	6.273	6.266	6.378	6.338	6.325	6.299	6.312	6.299	6.338
179	6.292	6.286	6.279	6.378	6.338	6.332	6.299	6.305	6.299	6.351
180	6.299	6.299	6.299	6.299	6.299	6.299	6.299	6.299	6.299	6.299

Vert. Horizontal Angles

	<u>300</u>	<u>330</u>	<u>360</u>
0	279.313	279.313	279.313
1	280.463	279.681	279.194
2	280.102	279.674	279.043
3	280.036	279.253	278.616
4	279.707	279.102	278.136
5	279.096	278.589	277.735
6	278.589	278.169	277.255
7	278.070	277.472	276.492
8	277.222	276.808	275.775
9	276.584	275.933	275.039
10	275.650	275.111	274.164
11	274.776	274.059	273.172
12	273.737	273.112	272.133
13	272.659	272.060	270.870
14	271.377	270.936	269.739
15	270.206	269.582	268.299
16	268.891	268.240	267.109
17	267.353	266.853	265.505
18	265.919	265.262	263.927
19	264.210	263.710	262.237
20	262.704	261.994	260.705
21	260.817	260.317	258.759
22	259.127	258.417	257.010
23	257.030	256.530	255.156
24	255.130	254.545	253.039
25	252.967	252.539	250.941
26	250.863	250.277	248.620
27	248.574	248.173	246.516
28	246.227	245.800	244.077
29	243.913	243.413	241.704
30	241.355	240.921	239.113
31	238.817	238.331	236.667
32	236.200	235.536	233.965
33	233.432	233.064	231.315
34	230.842	230.355	228.422
35	227.922	227.377	225.654
36	225.029	224.451	222.787

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

37	221.985	221.499	219.690
38	219.000	218.428	216.732
39	215.870	215.292	213.484
40	212.642	212.221	210.282
41	209.328	208.940	206.994
42	206.133	205.719	203.713
43	202.753	202.339	200.248
44	199.354	198.960	196.994
45	195.882	195.409	193.344
46	192.450	191.905	189.971
47	188.860	188.505	186.559
48	185.303	184.882	182.851
49	181.838	181.273	179.294
50	178.064	177.624	175.822
51	174.422	174.060	172.002
52	170.832	170.385	168.616
53	167.307	166.735	164.125
54	163.001	163.060	159.641
55	158.694	159.529	156.432
56	155.131	155.709	152.645
57	151.409	152.172	149.154
58	147.826	148.464	145.439
59	144.236	144.821	141.882
60	140.666	141.165	138.312
61	137.069	137.634	134.748
62	133.499	134.084	131.263
63	129.955	130.560	127.739
64	126.516	127.003	124.274
65	123.012	123.505	120.816
66	119.573	120.066	117.416
67	116.161	116.594	114.024
68	112.709	113.215	110.690
69	109.461	109.875	107.396
70	106.048	106.528	104.069
71	102.853	103.188	100.907
72	99.572	99.993	97.652
73	96.370	96.705	94.562
74	93.181	93.569	91.419
75	90.143	90.373	88.348
76	87.033	87.329	85.311
77	84.022	84.318	82.339
78	81.030	81.306	79.380
79	78.078	78.354	76.474
80	75.152	75.159	73.679
81	72.371	72.338	70.905
82	69.564	69.544	68.170
83	66.822	66.855	65.500
84	64.113	64.205	62.831
85	61.549	61.581	60.286
86	58.905	59.017	57.781
87	56.400	56.512	55.289
88	54.007	54.086	52.929
89	51.581	51.666	50.614
90	49.266	49.365	48.307
91	46.919	47.070	46.078
92	44.795	44.868	43.914

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CANDELA TABULATION - (Cont.)

93	42.540	42.705	41.817
94	40.482	40.607	39.766
95	38.444	38.562	37.773
96	36.439	36.596	35.880
97	34.532	34.709	33.973
98	32.750	32.842	32.204
99	30.909	31.093	30.495
100	29.213	29.397	28.772
101	27.602	27.733	27.221
102	25.984	26.195	25.636
103	24.518	24.676	24.189
104	23.072	23.249	22.782
105	21.698	21.895	21.435
106	20.402	20.599	20.152
107	19.199	19.377	18.969
108	18.035	18.226	17.831
109	16.937	17.134	16.727
110	15.931	16.102	15.734
111	14.978	15.162	14.800
112	14.064	14.248	13.906
113	13.249	13.426	13.071
114	12.473	12.637	12.315
115	11.756	11.940	11.611
116	11.112	11.289	10.961
117	10.520	10.684	10.356
118	9.955	10.152	9.830
119	9.461	9.705	9.337
120	9.014	9.310	8.883
121	8.594	8.811	8.449
122	8.212	8.377	8.061
123	7.883	8.015	7.719
124	7.555	7.706	7.423
125	7.272	7.417	7.160
126	7.022	7.167	6.917
127	6.779	6.923	6.713
128	6.568	6.700	6.490
129	6.338	6.490	6.266
130	6.128	6.273	6.049
131	5.858	6.036	5.806
132	5.635	5.773	5.569
133	5.405	5.536	5.352
134	5.214	5.313	5.142
135	5.050	5.129	4.971
136	4.912	4.971	4.846
137	4.859	4.852	4.793
138	4.898	4.846	4.839
139	4.938	4.885	4.879
140	4.984	4.931	4.925
141	5.023	4.971	4.977
142	5.069	5.017	5.010
143	5.115	5.056	5.063
144	5.155	5.102	5.102
145	5.194	5.148	5.155
146	5.240	5.201	5.194
147	5.293	5.240	5.240
148	5.339	5.286	5.280

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CANDELA TABULATION - (Cont.)

149	5.378	5.326	5.326
150	5.424	5.378	5.372
151	5.470	5.418	5.418
152	5.523	5.464	5.464
153	5.562	5.510	5.510
154	5.608	5.562	5.562
155	5.655	5.608	5.608
156	5.701	5.661	5.648
157	5.747	5.701	5.694
158	5.793	5.747	5.740
159	5.832	5.793	5.779
160	5.885	5.839	5.825
161	5.924	5.878	5.865
162	5.957	5.924	5.904
163	5.990	5.957	5.950
164	6.016	6.003	5.990
165	6.036	6.042	6.029
166	6.056	6.062	6.062
167	6.082	6.088	6.075
168	6.115	6.108	6.102
169	6.141	6.128	6.128
170	6.174	6.141	6.154
171	6.194	6.167	6.174
172	6.220	6.187	6.194
173	6.240	6.200	6.194
174	6.259	6.220	6.207
175	6.273	6.240	6.227
176	6.286	6.259	6.240
177	6.312	6.266	6.259
178	6.325	6.286	6.279
179	6.332	6.292	6.292
180	6.299	6.299	6.299

IES INDOOR REPORT
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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	102.82	N.A.	9.80
0-30	219.72	N.A.	20.90
0-40	362.92	N.A.	34.60
0-60	659.05	N.A.	62.80
0-80	879.85	N.A.	83.80
0-90	948.77	N.A.	90.40
10-90	922.26	N.A.	87.90
20-40	260.10	N.A.	24.80
20-50	412.22	N.A.	39.30
40-70	419.84	N.A.	40.00
60-80	220.79	N.A.	21.00
70-80	97.09	N.A.	9.20
80-90	68.92	N.A.	6.60
90-110	68.36	N.A.	6.50
90-120	81.06	N.A.	7.70
90-130	88.11	N.A.	8.40
90-150	95.89	N.A.	9.10
90-180	100.90	N.A.	9.60
110-180	32.54	N.A.	3.10
0-180	1049.67	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	26.51
10-20	76.32
20-30	116.89
30-40	143.20
40-50	152.12
50-60	144.01
60-70	123.71
70-80	97.09
80-90	68.92
90-100	43.80
100-110	24.56
110-120	12.70
120-130	7.05
130-140	4.35
140-150	3.43
150-160	2.69
160-170	1.73
170-180	0.60

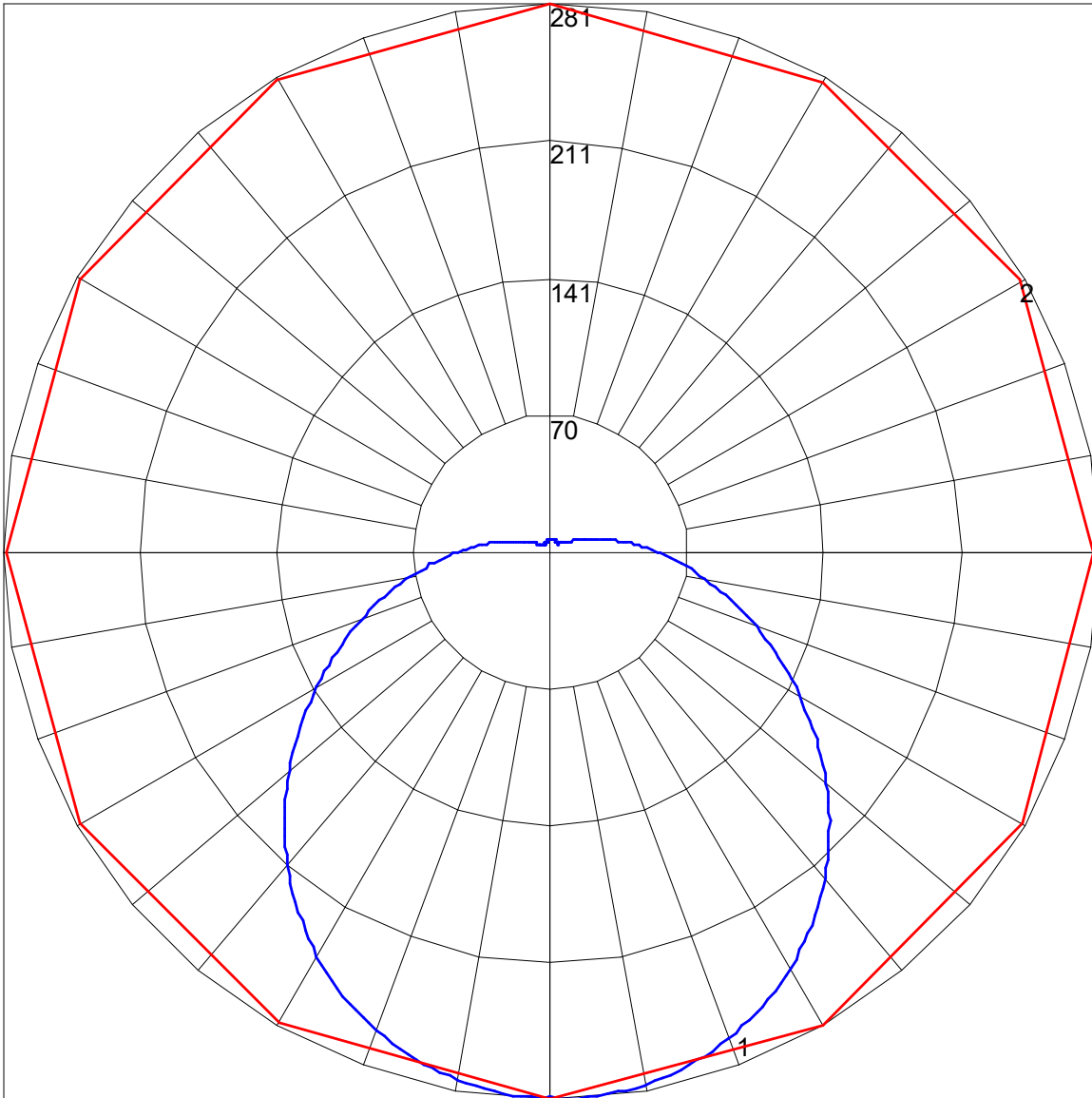
IES INDOOR REPORT
PHOTOMETRIC FILENAME : GNLXATWXOG-M40.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0	
	RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30		10
0	117	117	117	117	117	113	113	113	113	106	106	106	99	99	99	93	93	93	90
1	104	98	93	88	88	100	95	90	86	89	85	82	83	80	77	78	76	73	70
2	94	84	77	70	70	90	82	75	69	76	71	66	72	67	63	67	63	60	57
3	85	74	65	58	58	82	71	63	56	67	60	54	63	57	52	59	54	50	47
4	78	65	55	48	48	74	63	54	47	59	52	46	55	49	44	52	47	42	40
5	71	58	48	41	41	68	56	47	40	53	45	39	50	43	38	47	41	37	34
6	66	52	42	36	36	63	50	41	35	47	40	34	45	38	33	42	36	32	30
7	61	47	38	31	31	58	45	37	31	43	35	30	41	34	29	39	33	28	26
8	56	43	34	28	28	54	41	33	27	39	32	27	37	31	26	35	30	25	23
9	53	39	31	25	25	51	38	30	25	36	29	24	34	28	23	33	27	23	21
10	49	36	28	22	22	48	35	27	22	33	26	22	32	26	21	30	25	21	19

POLAR GRAPH



Maximum Candela = 281.16 Located At Horizontal Angle = 90, Vertical Angle = 1
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)