



IES INDOOR REPORT

PHOTOMETRIC FILENAME : GNLXATWXOG-H40.IES

DESCRIPTION INFORMATION (From Photometric File)

[IESNA:LM-63-2002

[TESTLAB] EVERFINE

[TEST] 3617

[TESTDATE] 08/17/2020

[ISSUEDATE] 08/18/2020

[LUMCAT] GNLXATWXOG-H40 (CEILING MOUNT)

[LUMINAIRE] DECORATIVE VANDAL ROUND WALL LIGHT W/ OPEN WHITE LENS

[LAMP] LED

[BALLAST] KT-RKIT20PS-8CP-8CSC-VDIM (20.5W 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	1241
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	61
Total Luminaire Watts	20.5
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	5266	5289	5517
55	5252	5293	5600
65	5505	5564	5899
75	6574	6657	7146
85	13320	13517	14779

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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	330.120	330.120	330.120	330.120	330.120	330.120	330.120	330.120	330.120	330.120
1	329.980	329.762	329.832	332.304	331.627	330.835	330.229	329.941	329.871	332.055
2	329.801	329.483	329.623	332.304	331.340	330.586	330.120	330.050	329.661	331.697
3	329.296	328.946	329.366	332.265	331.122	330.369	330.120	329.832	329.475	331.410
4	328.729	328.480	329.009	331.977	330.982	330.159	329.770	329.762	329.226	330.734
5	328.255	327.905	328.434	331.760	330.516	329.654	329.374	329.296	328.838	330.159
6	327.688	327.190	327.835	331.192	329.910	329.257	328.908	329.009	328.123	329.553
7	326.786	326.475	327.252	330.687	329.335	328.612	328.550	328.472	327.587	328.799
8	325.939	325.481	326.475	330.190	328.690	327.936	327.695	327.796	326.872	327.765
9	325.069	324.447	325.784	329.257	327.804	327.074	326.980	327.214	326.126	326.809
10	324.035	323.406	324.540	328.612	326.980	326.289	326.118	326.289	325.014	325.551
11	322.862	322.193	323.538	327.548	325.908	325.364	325.193	325.434	323.942	324.556
12	321.634	320.795	322.357	326.646	324.906	324.284	324.113	324.424	322.831	323.227
13	320.142	319.365	321.074	325.504	323.584	323.110	323.118	323.390	321.688	321.797
14	318.805	317.966	319.885	324.354	322.364	321.595	321.789	322.061	320.328	320.367
15	317.103	316.466	318.176	322.924	320.903	320.391	320.546	320.958	318.860	318.650
16	315.697	314.671	316.769	321.556	319.536	318.696	319.139	319.380	317.383	317.033
17	313.801	313.000	314.912	320.095	317.787	317.267	317.469	317.989	315.681	315.223
18	311.936	311.120	313.366	318.401	316.256	315.371	315.938	316.474	313.972	313.373
19	309.939	309.107	311.337	316.730	314.251	313.871	314.174	314.764	312.099	311.462
20	308.128	307.180	309.597	314.920	312.433	311.734	312.184	312.876	310.249	309.433
21	305.828	305.058	307.475	312.899	310.459	309.861	310.382	311.042	308.167	307.242
22	303.761	302.712	305.447	310.910	308.493	307.693	308.493	308.975	306.170	304.817
23	301.569	300.481	303.108	308.858	306.162	305.672	306.372	306.962	303.761	302.548
24	299.067	297.808	300.963	306.574	303.846	303.318	304.235	304.716	301.662	300.023
25	296.588	295.469	298.445	304.444	301.367	300.979	301.756	302.587	298.966	297.653
26	293.845	292.943	295.850	301.888	299.051	298.492	299.300	300.170	296.798	294.808
27	291.358	290.060	293.223	299.619	296.456	295.966	296.775	297.653	293.884	292.174
28	288.475	287.364	290.659	296.914	293.759	293.410	294.435	295.127	291.288	289.369
29	285.670	284.263	287.923	294.171	290.977	290.628	291.692	292.454	288.576	286.369
30	282.608	281.528	285.219	291.475	288.102	287.861	288.739	289.757	285.561	283.525
31	279.717	278.357	282.118	288.615	285.071	284.792	285.934	286.828	282.678	280.222
32	276.523	275.303	278.987	285.569	282.266	281.885	282.950	283.960	279.624	276.951
33	273.392	272.032	275.964	282.647	279.173	278.707	279.958	280.891	276.562	273.819
34	269.972	268.682	272.723	279.445	275.863	275.544	276.795	277.938	273.430	270.470
35	266.701	265.341	269.343	276.313	272.630	272.304	273.702	274.627	269.871	266.949
36	263.313	261.813	265.924	272.925	269.203	268.923	270.167	271.425	266.592	263.491
37	259.652	258.176	262.512	269.584	265.823	265.395	266.786	268.045	262.885	259.823
38	256.155	254.617	258.798	265.978	262.155	261.898	263.336	264.439	259.474	256.225
39	252.317	250.848	255.316	262.466	258.448	258.246	259.917	260.927	255.627	252.456
40	248.532	247.180	251.571	258.790	254.897	254.570	256.148	257.282	252.247	248.610
41	244.647	243.186	247.693	255.044	251.050	250.786	252.480	253.614	247.934	244.693
42	240.769	239.168	243.916	251.275	247.273	246.908	248.563	249.845	244.662	240.668
43	236.674	235.213	239.922	247.359	243.248	243.131	244.787	245.921	240.101	236.782
44	232.827	231.141	235.904	243.582	239.184	239.145	240.645	242.113	236.674	232.508
45	228.514	227.123	231.910	239.409	235.158	235.049	236.697	238.119	231.980	228.592
46	224.528	222.989	227.962	235.422	231.094	231.094	232.594	233.962	228.444	224.279
47	220.494	218.793	223.750	231.288	226.898	226.851	228.576	229.890	223.859	220.222
48	216.112	214.511	219.507	227.115	222.795	222.538	224.403	225.895	219.896	215.832
49	211.907	210.237	215.381	222.880	218.528	218.412	220.246	221.660	215.560	211.457
50	207.804	205.963	211.060	218.707	214.246	214.130	215.995	217.456	211.317	207.284
51	203.289	201.782	206.864	214.293	209.856	209.825	211.822	213.182	207.385	203.072
52	199.287	197.407	202.621	210.120	205.551	205.473	207.416	208.908	202.730	198.697
53	193.980	193.055	198.386	205.776	201.199	201.308	203.134	204.774	198.627	194.306

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54	188.680	188.859	193.327	201.424	196.933	197.057	198.790	200.461	194.213	190.071
55	184.888	184.398	188.268	197.143	192.651	191.882	194.547	196.350	189.752	185.618
56	180.412	180.202	183.994	192.091	188.206	186.722	190.203	191.174	185.983	181.243
57	176.285	175.959	179.774	187.048	183.885	182.541	185.921	186.014	180.886	177.062
58	171.895	171.537	175.562	182.665	179.619	178.251	181.655	181.857	177.358	172.710
59	167.690	167.263	171.234	178.391	175.228	173.946	177.264	177.505	172.369	168.405
60	163.471	163.090	166.975	174.055	170.946	169.555	173.021	173.340	168.833	164.162
61	159.259	158.917	162.810	169.928	166.525	165.398	168.778	169.144	163.844	159.919
62	155.140	154.721	158.653	165.577	162.321	161.163	164.434	164.978	160.137	155.715
63	150.975	150.517	154.464	161.458	158.054	157.013	160.339	160.774	155.731	151.488
64	146.880	146.382	150.307	157.137	153.811	152.778	156.065	156.555	151.519	147.315
65	142.792	142.326	146.289	153.011	149.615	148.675	151.861	152.444	147.641	143.258
66	138.775	138.293	142.178	148.861	145.442	144.634	147.688	148.387	143.041	139.186
67	134.765	134.267	138.215	144.688	141.409	140.562	143.662	144.284	139.614	135.013
68	130.825	130.374	134.166	140.624	137.267	136.474	139.559	140.313	134.982	131.097
69	126.932	126.395	130.250	136.614	133.288	132.449	135.573	136.303	131.423	127.211
70	122.999	122.541	126.372	132.736	129.294	128.626	131.617	132.340	127.289	123.295
71	119.262	118.663	122.556	128.773	125.447	124.717	127.740	128.462	123.551	119.308
72	115.415	114.894	118.694	124.872	121.469	120.808	123.753	124.631	119.572	115.469
73	111.763	111.118	114.980	121.018	117.583	117.039	119.907	120.769	115.866	111.724
74	108.048	107.302	111.242	117.257	113.830	113.332	116.122	117.039	112.081	107.978
75	104.419	103.875	107.605	113.519	110.092	109.657	112.384	113.255	108.336	104.411
76	100.829	100.324	103.968	109.820	106.354	105.989	108.607	109.649	104.854	100.712
77	97.316	96.757	100.409	106.175	102.826	102.391	105.048	105.927	101.007	97.153
78	93.819	93.275	96.834	102.601	99.197	98.855	101.349	102.375	97.907	93.594
79	90.385	89.468	93.454	99.072	95.746	95.358	97.891	98.870	93.959	90.004
80	87.082	86.157	90.081	95.599	92.094	91.962	94.371	95.366	90.524	86.414
81	83.802	82.971	86.771	92.156	88.434	88.582	90.765	91.962	87.097	83.196
82	80.570	79.730	83.468	88.823	85.186	85.263	87.160	88.589	83.492	79.863
83	77.415	76.638	80.298	85.497	81.945	82.015	83.981	85.294	80.795	76.762
84	74.260	73.560	77.150	82.264	78.821	78.837	80.679	82.023	77.182	73.584
85	71.252	70.584	74.027	79.054	75.666	75.744	77.625	78.837	74.267	70.553
86	68.292	67.615	71.019	75.993	72.542	72.643	74.400	75.713	71.291	67.546
87	65.346	64.740	68.051	72.946	69.752	69.690	71.548	72.705	68.082	64.624
88	62.557	61.919	65.199	69.947	66.675	66.753	68.385	69.659	65.579	61.787
89	59.821	59.184	62.347	67.040	63.963	63.924	65.611	66.792	62.393	58.997
90	57.094	56.573	59.619	64.134	61.080	61.096	62.626	63.878	59.658	56.301
91	54.459	53.993	56.915	61.383	58.438	58.391	59.798	61.103	57.241	53.628
92	51.903	51.475	54.381	58.687	55.780	55.695	57.381	58.337	54.413	51.087
93	49.424	49.004	51.809	56.091	53.255	53.146	54.475	55.780	51.934	48.584
94	46.999	46.579	49.361	53.511	50.768	50.589	52.004	53.130	49.470	46.175
95	44.644	44.256	46.898	51.001	48.281	48.102	49.595	50.613	46.882	43.805
96	42.406	41.987	44.582	48.561	45.934	45.748	46.999	48.149	44.691	41.528
97	40.153	39.865	42.352	46.199	43.657	43.455	44.878	45.810	42.414	39.352
98	38.062	37.752	40.168	43.898	41.443	41.225	42.430	43.525	40.122	37.239
99	36.042	35.739	38.047	41.684	39.267	39.042	40.300	41.287	38.226	35.203
100	34.006	33.781	35.988	39.562	37.215	37.006	38.156	39.135	36.050	33.221
101	32.172	31.900	34.037	37.448	35.210	34.985	36.143	37.060	34.107	31.309
102	30.299	30.097	32.141	35.482	33.291	33.089	34.154	35.071	32.296	29.530
103	28.590	28.341	30.346	33.524	31.426	31.239	32.281	33.097	30.260	27.781
104	26.927	26.678	28.566	31.721	29.693	29.491	30.486	31.278	28.574	26.126
105	25.333	25.108	26.934	29.934	27.999	27.805	28.776	29.499	26.973	24.572
106	23.818	23.616	25.365	28.255	26.406	26.180	27.121	27.851	25.333	23.103
107	22.419	22.217	23.865	26.631	24.875	24.673	25.559	26.250	23.958	21.689
108	21.075	20.888	22.427	25.085	23.437	23.243	24.090	24.735	22.443	20.368
109	19.769	19.606	21.083	23.601	22.070	21.875	22.660	23.274	21.137	19.132

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CANDELA TABULATION - (Cont.)

110	18.596	18.378	19.808	22.233	20.764	20.585	21.347	21.930	19.933	17.951
111	17.493	17.298	18.619	20.943	19.552	19.396	20.080	20.663	18.705	16.886
112	16.436	16.241	17.493	19.723	18.409	18.262	18.907	19.451	17.671	15.845
113	15.449	15.270	16.412	18.580	17.353	17.213	17.811	18.332	16.576	14.920
114	14.555	14.353	15.441	17.531	16.358	16.234	16.770	17.275	15.643	14.034
115	13.724	13.529	14.524	16.544	15.449	15.332	15.830	16.319	14.804	13.250
116	12.954	12.776	13.700	15.620	14.602	14.493	14.951	15.394	13.964	12.504
117	12.239	12.053	12.908	14.796	13.840	13.739	14.159	14.571	13.265	11.820
118	11.618	11.392	12.193	13.988	13.102	13.001	13.421	13.778	12.550	11.206
119	11.035	10.809	11.524	13.273	12.457	12.371	12.760	13.071	11.944	10.662
120	10.499	10.289	10.934	12.620	11.859	11.796	12.162	12.426	11.385	10.149
121	9.986	9.791	10.382	11.998	11.307	11.283	11.664	11.859	10.856	9.675
122	9.527	9.349	9.885	11.462	10.825	10.778	11.198	11.322	10.475	9.255
123	9.123	8.937	9.442	10.965	10.367	10.281	10.662	10.856	10.056	8.874
124	8.773	8.579	9.061	10.530	9.962	9.877	10.180	10.444	9.605	8.533
125	8.463	8.253	8.696	10.126	9.589	9.504	9.776	10.048	9.255	8.245
126	8.175	7.965	8.362	9.776	9.255	9.170	9.442	9.706	8.944	8.027
127	7.934	7.686	8.059	9.527	8.929	8.882	9.185	9.418	8.649	7.740
128	7.670	7.437	7.802	9.224	8.649	8.579	8.890	9.131	8.385	7.414
129	7.406	7.188	7.561	8.898	8.377	8.292	8.579	8.781	8.128	7.103
130	7.149	6.908	7.305	8.641	8.113	8.027	8.284	8.509	7.888	6.784
131	6.862	6.636	7.002	8.424	7.825	7.740	8.004	8.245	7.584	6.497
132	6.582	6.388	6.714	8.206	7.546	7.445	7.717	7.950	7.274	6.248
133	6.326	6.193	6.465	7.856	7.289	7.165	7.421	7.647	6.994	6.038
134	6.077	6.023	6.240	7.530	7.033	6.924	7.157	7.281	6.761	5.883
135	5.875	5.875	6.061	7.289	6.784	6.714	6.908	6.978	6.582	5.789
136	5.727	5.797	5.922	7.048	6.605	6.559	6.706	6.714	6.465	5.782
137	5.665	5.828	5.852	6.800	6.481	6.465	6.535	6.497	6.473	5.828
138	5.719	5.875	5.883	6.652	6.481	6.458	6.427	6.372	6.520	5.875
139	5.766	5.922	5.922	6.660	6.528	6.504	6.442	6.380	6.566	5.922
140	5.820	5.976	5.968	6.691	6.566	6.551	6.489	6.427	6.605	5.976
141	5.883	6.023	6.023	6.730	6.613	6.598	6.535	6.465	6.644	6.023
142	5.922	6.069	6.061	6.769	6.652	6.644	6.582	6.512	6.691	6.077
143	5.984	6.116	6.108	6.807	6.691	6.691	6.621	6.543	6.737	6.116
144	6.030	6.170	6.155	6.838	6.730	6.730	6.668	6.590	6.769	6.170
145	6.092	6.209	6.209	6.877	6.776	6.769	6.714	6.629	6.815	6.217
146	6.139	6.232	6.248	6.916	6.815	6.807	6.753	6.660	6.846	6.271
147	6.193	6.271	6.295	6.955	6.854	6.854	6.792	6.699	6.877	6.318
148	6.240	6.310	6.341	6.986	6.885	6.885	6.831	6.737	6.908	6.364
149	6.295	6.349	6.388	7.025	6.924	6.924	6.862	6.769	6.940	6.419
150	6.349	6.403	6.427	7.056	6.971	6.955	6.901	6.807	6.971	6.481
151	6.403	6.450	6.473	7.087	7.009	6.986	6.940	6.846	6.994	6.528
152	6.458	6.473	6.512	7.118	7.041	7.025	6.978	6.877	7.025	6.582
153	6.512	6.520	6.551	7.157	7.079	7.064	7.017	6.916	7.056	6.629
154	6.574	6.574	6.598	7.188	7.118	7.095	7.048	6.947	7.079	6.675
155	6.629	6.621	6.636	7.219	7.149	7.126	7.079	6.986	7.087	6.730
156	6.675	6.675	6.675	7.250	7.188	7.165	7.118	7.017	7.079	6.769
157	6.730	6.730	6.691	7.274	7.219	7.196	7.149	7.048	7.072	6.807
158	6.784	6.776	6.722	7.305	7.250	7.219	7.180	7.079	7.103	6.838
159	6.831	6.823	6.753	7.328	7.281	7.250	7.204	7.110	7.134	6.877
160	6.885	6.870	6.792	7.359	7.313	7.274	7.235	7.149	7.165	6.901
161	6.932	6.916	6.815	7.382	7.336	7.305	7.258	7.180	7.188	6.940
162	6.978	6.963	6.870	7.406	7.359	7.336	7.274	7.211	7.219	6.978
163	7.033	7.009	6.901	7.429	7.382	7.359	7.305	7.243	7.250	7.033
164	7.079	7.048	6.940	7.445	7.406	7.375	7.320	7.266	7.274	7.072
165	7.126	7.087	6.978	7.460	7.437	7.398	7.336	7.297	7.297	7.118

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CANDELA TABULATION - (Cont.)

166	7.165	7.095	7.025	7.476	7.460	7.414	7.359	7.313	7.313	7.149
167	7.180	7.110	7.064	7.499	7.483	7.421	7.375	7.336	7.344	7.196
168	7.211	7.149	7.110	7.522	7.499	7.445	7.398	7.359	7.359	7.235
169	7.243	7.180	7.149	7.530	7.507	7.468	7.421	7.375	7.375	7.274
170	7.274	7.219	7.188	7.499	7.515	7.476	7.421	7.390	7.375	7.305
171	7.297	7.243	7.219	7.491	7.515	7.483	7.437	7.406	7.398	7.336
172	7.320	7.274	7.258	7.499	7.507	7.499	7.437	7.421	7.414	7.359
173	7.320	7.297	7.289	7.507	7.515	7.499	7.429	7.429	7.421	7.390
174	7.336	7.328	7.320	7.515	7.499	7.491	7.437	7.437	7.429	7.406
175	7.359	7.351	7.351	7.530	7.491	7.483	7.437	7.437	7.437	7.437
176	7.375	7.367	7.367	7.522	7.499	7.483	7.437	7.445	7.445	7.460
177	7.398	7.390	7.382	7.538	7.491	7.483	7.445	7.445	7.452	7.468
178	7.421	7.414	7.406	7.538	7.491	7.476	7.445	7.460	7.445	7.491
179	7.437	7.429	7.421	7.538	7.491	7.483	7.445	7.452	7.445	7.507
180	7.445	7.445	7.445	7.445	7.445	7.445	7.445	7.445	7.445	7.445

Vert. Angles **Horizontal Angles**

	<u>300</u>	<u>330</u>	<u>360</u>
0	330.120	330.120	330.120
1	331.480	330.555	329.980
2	331.052	330.547	329.801
3	330.975	330.050	329.296
4	330.586	329.871	328.729
5	329.863	329.265	328.255
6	329.265	328.768	327.688
7	328.651	327.944	326.786
8	327.649	327.159	325.939
9	326.895	326.126	325.069
10	325.791	325.154	324.035
11	324.758	323.911	322.862
12	323.530	322.792	321.634
13	322.256	321.548	320.142
14	320.740	320.220	318.805
15	319.357	318.619	317.103
16	317.803	317.033	315.697
17	315.984	315.394	313.801
18	314.290	313.513	311.936
19	312.270	311.679	309.939
20	310.490	309.651	308.128
21	308.260	307.669	305.828
22	306.263	305.424	303.761
23	303.784	303.193	301.569
24	301.538	300.847	299.067
25	298.981	298.476	296.588
26	296.495	295.803	293.845
27	293.790	293.316	291.358
28	291.016	290.511	288.475
29	288.281	287.690	285.670
30	285.258	284.745	282.608
31	282.258	281.683	279.717
32	279.165	278.381	276.523
33	275.894	275.459	273.392
34	272.832	272.257	269.972
35	269.382	268.737	266.701
36	265.962	265.279	263.313

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CANDELA TABULATION - (Cont.)

37	262.365	261.789	259.652
38	258.836	258.160	256.155
39	255.137	254.454	252.317
40	251.322	250.825	248.532
41	247.405	246.947	244.647
42	243.629	243.139	240.769
43	239.634	239.145	236.674
44	235.617	235.150	232.827
45	231.514	230.954	228.514
46	227.457	226.812	224.528
47	223.214	222.795	220.494
48	219.010	218.513	216.112
49	214.915	214.246	211.907
50	210.454	209.934	207.804
51	206.149	205.722	203.289
52	201.906	201.378	199.287
53	197.741	197.065	193.980
54	192.651	192.721	188.680
55	187.561	188.548	184.888
56	183.349	184.033	180.412
57	178.951	179.852	176.285
58	174.715	175.469	171.895
59	170.472	171.164	167.690
60	166.253	166.843	163.471
61	162.002	162.670	159.259
62	157.782	158.474	155.140
63	153.594	154.309	150.975
64	149.530	150.105	146.880
65	145.388	145.970	142.792
66	141.323	141.906	138.775
67	137.290	137.803	134.765
68	133.210	133.809	130.825
69	129.372	129.861	126.932
70	125.338	125.906	122.999
71	121.562	121.958	119.262
72	117.684	118.181	115.415
73	113.900	114.296	111.763
74	110.131	110.589	108.048
75	106.540	106.812	104.419
76	102.865	103.214	100.829
77	99.306	99.655	97.316
78	95.770	96.096	93.819
79	92.281	92.607	90.385
80	88.823	88.830	87.082
81	85.535	85.497	83.802
82	82.217	82.194	80.570
83	78.977	79.016	77.415
84	75.775	75.884	74.260
85	72.744	72.783	71.252
86	69.620	69.752	68.292
87	66.660	66.792	65.346
88	63.831	63.924	62.557
89	60.963	61.065	59.821
90	58.228	58.345	57.094
91	55.454	55.633	54.459
92	52.944	53.029	51.903

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CANDELA TABULATION - (Cont.)

93	50.278	50.473	49.424
94	47.846	47.994	46.999
95	45.437	45.577	44.644
96	43.067	43.253	42.406
97	40.813	41.023	40.153
98	38.707	38.816	38.062
99	36.531	36.749	36.042
100	34.527	34.744	34.006
101	32.623	32.778	32.172
102	30.711	30.960	30.299
103	28.978	29.165	28.590
104	27.268	27.478	26.927
105	25.644	25.877	25.333
106	24.113	24.347	23.818
107	22.691	22.901	22.419
108	21.316	21.541	21.075
109	20.018	20.251	19.769
110	18.829	19.031	18.596
111	17.702	17.920	17.493
112	16.622	16.840	16.436
113	15.659	15.868	15.449
114	14.742	14.936	14.555
115	13.895	14.112	13.724
116	13.133	13.343	12.954
117	12.434	12.628	12.239
118	11.765	11.998	11.618
119	11.182	11.470	11.035
120	10.654	11.004	10.499
121	10.157	10.413	9.986
122	9.706	9.900	9.527
123	9.317	9.473	9.123
124	8.929	9.108	8.773
125	8.595	8.766	8.463
126	8.299	8.470	8.175
127	8.012	8.183	7.934
128	7.763	7.919	7.670
129	7.491	7.670	7.406
130	7.243	7.414	7.149
131	6.924	7.134	6.862
132	6.660	6.823	6.582
133	6.388	6.543	6.326
134	6.162	6.279	6.077
135	5.968	6.061	5.875
136	5.805	5.875	5.727
137	5.743	5.735	5.665
138	5.789	5.727	5.719
139	5.836	5.774	5.766
140	5.890	5.828	5.820
141	5.937	5.875	5.883
142	5.991	5.929	5.922
143	6.046	5.976	5.984
144	6.092	6.030	6.030
145	6.139	6.085	6.092
146	6.193	6.147	6.139
147	6.256	6.193	6.193
148	6.310	6.248	6.240

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CANDELA TABULATION - (Cont.)

149	6.357	6.295	6.295
150	6.411	6.357	6.349
151	6.465	6.403	6.403
152	6.528	6.458	6.458
153	6.574	6.512	6.512
154	6.629	6.574	6.574
155	6.683	6.629	6.629
156	6.737	6.691	6.675
157	6.792	6.737	6.730
158	6.846	6.792	6.784
159	6.893	6.846	6.831
160	6.955	6.901	6.885
161	7.002	6.947	6.932
162	7.041	7.002	6.978
163	7.079	7.041	7.033
164	7.110	7.095	7.079
165	7.134	7.142	7.126
166	7.157	7.165	7.165
167	7.188	7.196	7.180
168	7.227	7.219	7.211
169	7.258	7.243	7.243
170	7.297	7.258	7.274
171	7.320	7.289	7.297
172	7.351	7.313	7.320
173	7.375	7.328	7.320
174	7.398	7.351	7.336
175	7.414	7.375	7.359
176	7.429	7.398	7.375
177	7.460	7.406	7.398
178	7.476	7.429	7.421
179	7.483	7.437	7.437
180	7.445	7.445	7.445

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	121.53	N.A.	9.80
0-30	259.68	N.A.	20.90
0-40	428.93	N.A.	34.60
0-60	778.94	N.A.	62.80
0-80	1039.89	N.A.	83.80
0-90	1121.35	N.A.	90.40
10-90	1090.02	N.A.	87.90
20-40	307.41	N.A.	24.80
20-50	487.20	N.A.	39.30
40-70	496.21	N.A.	40.00
60-80	260.96	N.A.	21.00
70-80	114.75	N.A.	9.20
80-90	81.46	N.A.	6.60
90-110	80.79	N.A.	6.50
90-120	95.81	N.A.	7.70
90-130	104.14	N.A.	8.40
90-150	113.33	N.A.	9.10
90-180	119.25	N.A.	9.60
110-180	38.46	N.A.	3.10
0-180	1240.61	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	31.33
10-20	90.20
20-30	138.16
30-40	169.25
40-50	179.80
50-60	170.21
60-70	146.21
70-80	114.75
80-90	81.46
90-100	51.76
100-110	29.03
110-120	15.01
120-130	8.33
130-140	5.14
140-150	4.05
150-160	3.18
160-170	2.04
170-180	0.71

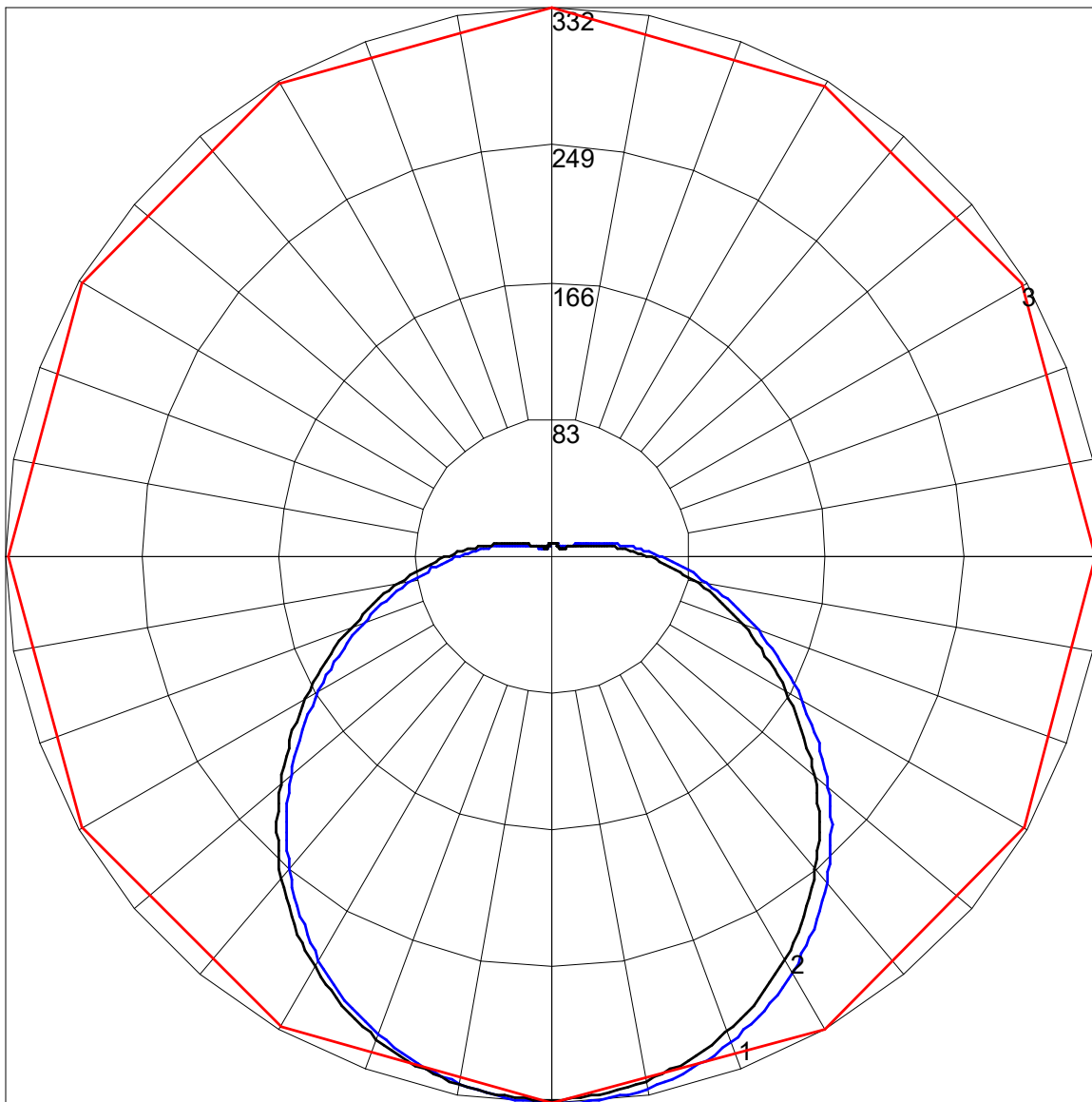
IES INDOOR REPORT
PHOTOMETRIC FILENAME : GNLXATWXOG-H40.IES

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

POLAR GRAPH



Maximum Candela = 332.304 Located At Horizontal Angle = 90, Vertical Angle = 1
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Vertical Plane Through Horizontal Angles (0 - 180)
3 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)