



IES INDOOR REPORT

PHOTOMETRIC FILENAME : GNLXAFRXOG-H40.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TESTLAB] EVERFINE

[TEST] 3615

[TESTDATE] 08/17/2020

[ISSUEDATE] 08/18/2020

[LUMCAT] GNLXAFRXOG-H40 (CEILING MOUNT)

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

[LAMP] LED

[BALLAST] KTRKIT20PS-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	2182
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	106
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	9262	9303	9704
55	9238	9311	9851
65	9684	9786	10377
75	11563	11709	12570
85	23430	23777	25996

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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	580.673	580.673	580.673	580.673	580.673	580.673	580.673	580.673	580.673	580.673
1	580.427	580.044	580.167	584.514	583.325	581.930	580.864	580.358	580.235	584.076
2	580.112	579.552	579.798	584.514	582.819	581.493	580.673	580.550	579.866	583.448
3	579.224	578.609	579.347	584.445	582.436	581.110	580.673	580.167	579.538	582.942
4	578.226	577.789	578.718	583.940	582.190	580.741	580.058	580.044	579.101	581.753
5	577.392	576.777	577.707	583.557	581.370	579.853	579.361	579.224	578.417	580.741
6	576.394	575.520	576.654	582.559	580.304	579.156	578.540	578.718	577.160	579.675
7	574.809	574.262	575.629	581.671	579.292	578.021	577.912	577.775	576.217	578.349
8	573.319	572.512	574.262	580.796	578.158	576.832	576.408	576.586	574.959	576.531
9	571.788	570.694	573.045	579.156	576.599	575.315	575.150	575.561	573.647	574.850
10	569.970	568.863	570.858	578.021	575.150	573.934	573.633	573.934	571.692	572.635
11	567.906	566.730	569.095	576.148	573.264	572.307	572.007	572.430	569.806	570.886
12	565.746	564.270	567.017	574.563	571.501	570.407	570.107	570.653	567.851	568.548
13	563.122	561.755	564.762	572.553	569.177	568.343	568.357	568.835	565.842	566.033
14	560.771	559.294	562.671	570.530	567.031	565.678	566.020	566.498	563.450	563.518
15	557.777	556.656	559.664	568.015	564.461	563.559	563.833	564.557	560.866	560.497
16	555.303	553.499	557.189	565.610	562.056	560.579	561.358	561.782	558.269	557.654
17	551.968	550.560	553.923	563.040	558.980	558.064	558.420	559.335	555.276	554.469
18	548.687	547.252	551.202	560.060	556.287	554.729	555.727	556.670	552.269	551.216
19	545.174	543.712	547.635	557.121	552.761	552.091	552.624	553.663	548.974	547.854
20	541.990	540.322	544.573	553.936	549.562	548.332	549.125	550.341	545.721	544.286
21	537.943	536.590	540.841	550.382	546.090	545.038	545.954	547.115	542.058	540.431
22	534.308	532.462	537.274	546.883	542.632	541.224	542.632	543.479	538.545	536.167
23	530.453	528.539	533.159	543.274	538.531	537.670	538.900	539.939	534.308	532.175
24	526.051	523.837	529.387	539.256	534.458	533.528	535.141	535.989	530.617	527.733
25	521.691	519.723	524.958	535.510	530.097	529.414	530.781	532.244	525.874	523.564
26	516.866	515.280	520.392	531.013	526.024	525.040	526.462	527.992	522.060	518.561
27	512.492	510.209	515.772	527.022	521.459	520.598	522.019	523.564	516.934	513.927
28	507.421	505.466	511.262	522.265	516.716	516.100	517.905	519.121	512.369	508.993
29	502.486	500.012	506.450	517.440	511.822	511.207	513.080	514.419	507.598	503.716
30	497.101	495.201	501.693	512.697	506.764	506.341	507.885	509.676	502.295	498.713
31	492.016	489.624	496.239	507.667	501.434	500.941	502.951	504.523	497.224	492.904
32	486.398	484.252	490.731	502.308	496.499	495.829	497.702	499.479	491.852	487.149
33	480.889	478.497	485.414	497.169	491.059	490.239	492.439	494.080	486.466	481.641
34	474.875	472.606	479.714	491.537	485.236	484.675	486.876	488.885	480.957	475.750
35	469.120	466.728	473.768	486.029	479.550	478.975	481.436	483.062	474.697	469.557
36	463.160	460.522	467.753	480.069	473.521	473.029	475.216	477.431	468.929	463.475
37	456.722	454.125	461.752	474.191	467.575	466.824	469.270	471.485	462.409	457.023
38	450.571	447.865	455.219	467.849	461.124	460.673	463.201	465.142	456.408	450.694
39	443.819	441.235	449.095	461.670	454.604	454.248	457.187	458.964	449.642	444.065
40	437.162	434.784	442.507	455.205	448.357	447.783	450.558	452.553	443.696	437.299
41	430.327	427.758	435.686	448.617	441.591	441.126	444.106	446.101	436.109	430.409
42	423.507	420.691	429.043	441.987	434.948	434.305	437.217	439.472	430.355	423.329
43	416.303	413.733	422.017	435.098	427.867	427.662	430.573	432.569	422.331	416.494
44	409.537	406.571	414.950	428.455	420.718	420.650	423.288	425.871	416.303	408.976
45	401.951	399.504	407.924	421.115	413.638	413.446	416.344	418.845	408.047	402.087
46	394.938	392.232	400.980	414.102	406.489	406.489	409.127	411.533	401.828	394.501
47	387.844	384.851	393.572	406.830	399.107	399.025	402.060	404.370	393.763	387.366
48	380.135	377.319	386.108	399.490	391.890	391.439	394.720	397.344	386.792	379.643
49	372.740	369.801	378.850	392.041	384.386	384.181	387.407	389.895	379.164	371.947
50	365.523	362.283	371.250	384.700	376.854	376.649	379.930	382.500	371.701	364.607
51	357.581	354.929	363.869	376.936	369.131	369.077	372.590	374.982	364.785	357.198
52	350.541	347.234	356.405	369.596	361.559	361.422	364.839	367.464	356.597	349.503
53	341.206	339.579	348.956	361.955	353.904	354.095	357.308	360.192	349.380	341.780

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54	331.883	332.198	340.057	354.300	346.400	346.618	349.667	352.606	341.616	334.330
55	325.213	324.352	331.159	346.769	338.868	337.515	342.203	345.375	333.770	326.498
56	317.339	316.970	323.641	337.884	331.050	328.439	334.562	336.271	327.140	318.802
57	310.081	309.507	316.219	329.013	323.450	321.085	327.031	327.195	318.173	311.448
58	302.358	301.729	308.810	321.304	315.945	313.540	319.527	319.882	311.968	303.794
59	294.963	294.212	301.196	313.786	308.222	305.967	311.804	312.227	303.192	296.221
60	287.541	286.871	293.706	306.158	300.691	298.244	304.340	304.901	296.973	288.758
61	280.132	279.531	286.379	298.900	292.913	290.931	296.877	297.519	288.197	281.294
62	272.888	272.150	279.066	291.245	285.518	283.481	289.236	290.193	281.677	273.899
63	265.561	264.755	271.699	284.001	278.014	276.182	282.032	282.798	273.927	266.463
64	258.358	257.483	264.386	276.401	270.551	268.733	274.515	275.376	266.518	259.123
65	251.168	250.348	257.319	269.143	263.169	261.515	267.120	268.145	259.697	251.988
66	244.101	243.254	250.088	261.843	255.829	254.407	259.779	261.010	251.605	244.825
67	237.048	236.173	243.117	254.503	248.735	247.245	252.699	253.792	245.577	237.485
68	230.118	229.325	235.995	247.354	241.449	240.055	245.482	246.807	237.431	230.596
69	223.269	222.326	229.106	240.301	234.451	232.974	238.469	239.754	231.170	223.762
70	216.353	215.546	222.285	233.480	227.425	226.249	231.512	232.783	223.898	216.872
71	209.778	208.726	215.574	226.509	220.659	219.374	224.691	225.962	217.323	209.860
72	203.012	202.096	208.780	219.647	213.660	212.498	217.679	219.223	210.325	203.108
73	196.588	195.453	202.247	212.867	206.826	205.869	210.913	212.430	203.805	196.519
74	190.054	188.742	195.672	206.252	200.224	199.349	204.256	205.869	197.148	189.931
75	183.670	182.714	189.275	199.677	193.649	192.883	197.681	199.212	190.560	183.657
76	177.355	176.467	182.878	193.170	187.074	186.431	191.038	192.870	184.436	177.150
77	171.177	170.193	176.617	186.760	180.868	180.103	184.778	186.322	177.670	170.890
78	165.026	164.069	170.329	180.472	174.485	173.883	178.271	180.075	172.216	164.629
79	158.984	157.371	164.383	174.266	168.416	167.732	172.188	173.911	165.272	158.314
80	153.175	151.548	158.451	168.156	161.991	161.759	165.996	167.746	159.230	151.999
81	147.406	145.944	152.628	162.101	155.553	155.813	159.654	161.759	153.202	146.340
82	141.720	140.244	146.819	156.237	149.840	149.976	153.312	155.827	146.860	140.476
83	136.171	134.804	141.242	150.386	144.140	144.263	147.721	150.031	142.117	135.022
84	130.621	129.391	135.706	144.700	138.645	138.672	141.912	144.276	135.761	129.432
85	125.331	124.156	130.211	139.055	133.095	133.232	136.540	138.672	130.635	124.101
86	120.123	118.934	124.921	133.669	127.600	127.778	130.867	133.177	125.399	118.811
87	114.943	113.876	119.699	128.311	122.693	122.584	125.850	127.887	119.754	113.671
88	110.035	108.915	114.683	123.035	117.280	117.417	120.287	122.529	115.353	108.682
89	105.224	104.103	109.666	117.922	112.510	112.441	115.407	117.485	109.748	103.775
90	100.426	99.510	104.869	112.810	107.438	107.466	110.158	112.359	104.937	99.032
91	95.792	94.972	100.112	107.971	102.791	102.709	105.183	107.479	100.686	94.330
92	91.295	90.543	95.656	103.228	98.116	97.966	100.932	102.613	95.710	89.860
93	86.935	86.197	91.131	98.663	93.674	93.482	95.820	98.116	91.350	85.459
94	82.670	81.932	86.825	94.125	89.300	88.985	91.473	93.455	87.017	81.221
95	78.528	77.845	82.492	89.710	84.925	84.611	87.236	89.026	82.465	77.052
96	74.592	73.854	78.419	85.418	80.797	80.469	82.670	84.693	78.610	73.047
97	70.628	70.122	74.496	81.262	76.792	76.437	78.938	80.579	74.605	69.220
98	66.951	66.404	70.655	77.216	72.897	72.514	74.633	76.560	70.573	65.502
99	63.397	62.864	66.923	73.321	69.069	68.673	70.887	72.623	67.238	61.921
100	59.816	59.419	63.301	69.589	65.461	65.092	67.115	68.837	63.410	58.435
101	56.590	56.111	59.870	65.871	61.934	61.538	63.575	65.187	59.993	55.072
102	53.295	52.940	56.535	62.413	58.558	58.203	60.075	61.688	56.808	51.942
103	50.288	49.851	53.377	58.968	55.277	54.949	56.781	58.216	53.227	48.867
104	47.363	46.926	50.247	55.797	52.229	51.874	53.623	55.018	50.261	45.955
105	44.561	44.165	47.377	52.653	49.249	48.908	50.616	51.888	47.445	43.221
106	41.895	41.540	44.616	49.700	46.447	46.051	47.705	48.990	44.561	40.638
107	39.435	39.080	41.977	46.844	43.754	43.399	44.957	46.174	42.142	38.150
108	37.070	36.742	39.449	44.124	41.226	40.884	42.374	43.508	39.476	35.826
109	34.774	34.487	37.084	41.513	38.820	38.478	39.859	40.939	37.180	33.653

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110	32.710	32.327	34.842	39.107	36.524	36.209	37.549	38.574	35.061	31.575
111	30.769	30.427	32.751	36.838	34.391	34.118	35.321	36.346	32.901	29.703
112	28.910	28.568	30.769	34.692	32.382	32.122	33.257	34.214	31.083	27.871
113	27.174	26.860	28.869	32.683	30.523	30.277	31.329	32.245	29.156	26.244
114	25.602	25.247	27.160	30.837	28.773	28.555	29.498	30.386	27.516	24.686
115	24.139	23.798	25.547	29.101	27.174	26.969	27.844	28.705	26.039	23.306
116	22.786	22.472	24.098	27.475	25.684	25.493	26.299	27.078	24.563	21.993
117	21.529	21.201	22.704	26.026	24.344	24.167	24.905	25.629	23.333	20.791
118	20.435	20.039	21.447	24.604	23.046	22.868	23.606	24.235	22.075	19.711
119	19.410	19.014	20.271	23.347	21.911	21.761	22.444	22.991	21.009	18.754
120	18.467	18.098	19.232	22.198	20.859	20.750	21.392	21.857	20.025	17.852
121	17.565	17.223	18.262	21.105	19.888	19.847	20.517	20.859	19.096	17.018
122	16.758	16.444	17.387	20.162	19.041	18.959	19.697	19.916	18.426	16.280
123	16.047	15.719	16.608	19.287	18.234	18.084	18.754	19.096	17.688	15.610
124	15.432	15.091	15.938	18.521	17.524	17.373	17.906	18.371	16.895	15.009
125	14.886	14.516	15.296	17.811	16.868	16.717	17.196	17.674	16.280	14.503
126	14.380	14.011	14.708	17.196	16.280	16.129	16.608	17.073	15.733	14.120
127	13.956	13.519	14.175	16.758	15.706	15.624	16.157	16.567	15.214	13.614
128	13.491	13.081	13.724	16.225	15.214	15.091	15.637	16.061	14.749	13.040
129	13.027	12.644	13.300	15.651	14.735	14.585	15.091	15.446	14.298	12.493
130	12.575	12.152	12.849	15.200	14.270	14.120	14.571	14.968	13.874	11.933
131	12.070	11.673	12.316	14.817	13.765	13.614	14.079	14.503	13.341	11.427
132	11.578	11.236	11.810	14.434	13.273	13.095	13.573	13.983	12.794	10.990
133	11.127	10.894	11.373	13.819	12.822	12.603	13.054	13.450	12.302	10.621
134	10.689	10.593	10.976	13.245	12.370	12.179	12.589	12.808	11.892	10.347
135	10.334	10.334	10.662	12.822	11.933	11.810	12.152	12.275	11.578	10.183
136	10.074	10.197	10.416	12.398	11.619	11.537	11.796	11.810	11.373	10.170
137	9.965	10.252	10.293	11.960	11.400	11.373	11.496	11.427	11.386	10.252
138	10.060	10.334	10.347	11.701	11.400	11.359	11.304	11.209	11.468	10.334
139	10.142	10.416	10.416	11.714	11.482	11.441	11.332	11.222	11.550	10.416
140	10.238	10.511	10.498	11.769	11.550	11.523	11.414	11.304	11.619	10.511
141	10.347	10.593	10.593	11.837	11.632	11.605	11.496	11.373	11.687	10.593
142	10.416	10.675	10.662	11.906	11.701	11.687	11.578	11.455	11.769	10.689
143	10.525	10.758	10.744	11.974	11.769	11.769	11.646	11.509	11.851	10.758
144	10.607	10.853	10.826	12.029	11.837	11.837	11.728	11.591	11.906	10.853
145	10.716	10.922	10.922	12.097	11.919	11.906	11.810	11.660	11.988	10.935
146	10.799	10.963	10.990	12.165	11.988	11.974	11.878	11.714	12.042	11.031
147	10.894	11.031	11.072	12.234	12.056	12.056	11.947	11.783	12.097	11.113
148	10.976	11.099	11.154	12.288	12.111	12.111	12.015	11.851	12.152	11.195
149	11.072	11.168	11.236	12.357	12.179	12.179	12.070	11.906	12.206	11.291
150	11.168	11.263	11.304	12.411	12.261	12.234	12.138	11.974	12.261	11.400
151	11.263	11.345	11.386	12.466	12.329	12.288	12.206	12.042	12.302	11.482
152	11.359	11.386	11.455	12.521	12.384	12.357	12.275	12.097	12.357	11.578
153	11.455	11.468	11.523	12.589	12.452	12.425	12.343	12.165	12.411	11.660
154	11.564	11.564	11.605	12.644	12.521	12.480	12.398	12.220	12.452	11.742
155	11.660	11.646	11.673	12.699	12.575	12.534	12.452	12.288	12.466	11.837
156	11.742	11.742	11.742	12.753	12.644	12.603	12.521	12.343	12.452	11.906
157	11.837	11.837	11.769	12.794	12.699	12.657	12.575	12.398	12.439	11.974
158	11.933	11.919	11.824	12.849	12.753	12.699	12.630	12.452	12.493	12.029
159	12.015	12.001	11.878	12.890	12.808	12.753	12.671	12.507	12.548	12.097
160	12.111	12.083	11.947	12.945	12.863	12.794	12.726	12.575	12.603	12.138
161	12.193	12.165	11.988	12.986	12.904	12.849	12.767	12.630	12.644	12.206
162	12.275	12.247	12.083	13.027	12.945	12.904	12.794	12.685	12.699	12.275
163	12.370	12.329	12.138	13.068	12.986	12.945	12.849	12.740	12.753	12.370
164	12.452	12.398	12.206	13.095	13.027	12.972	12.876	12.781	12.794	12.439
165	12.534	12.466	12.275	13.122	13.081	13.013	12.904	12.835	12.835	12.521

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CANDELA TABULATION - (Cont.)

166	12.603	12.480	12.357	13.150	13.122	13.040	12.945	12.863	12.863	12.575
167	12.630	12.507	12.425	13.191	13.163	13.054	12.972	12.904	12.917	12.657
168	12.685	12.575	12.507	13.232	13.191	13.095	13.013	12.945	12.945	12.726
169	12.740	12.630	12.575	13.245	13.204	13.136	13.054	12.972	12.972	12.794
170	12.794	12.699	12.644	13.191	13.218	13.150	13.054	12.999	12.972	12.849
171	12.835	12.740	12.699	13.177	13.218	13.163	13.081	13.027	13.013	12.904
172	12.876	12.794	12.767	13.191	13.204	13.191	13.081	13.054	13.040	12.945
173	12.876	12.835	12.822	13.204	13.218	13.191	13.068	13.068	13.054	12.999
174	12.904	12.890	12.876	13.218	13.191	13.177	13.081	13.081	13.068	13.027
175	12.945	12.931	12.931	13.245	13.177	13.163	13.081	13.081	13.081	13.081
176	12.972	12.958	12.958	13.232	13.191	13.163	13.081	13.095	13.095	13.122
177	13.013	12.999	12.986	13.259	13.177	13.163	13.095	13.095	13.109	13.136
178	13.054	13.040	13.027	13.259	13.177	13.150	13.095	13.122	13.095	13.177
179	13.081	13.068	13.054	13.259	13.177	13.163	13.095	13.109	13.095	13.204
180	13.095	13.095	13.095	13.095	13.095	13.095	13.095	13.095	13.095	13.095

Vert. Horizontal Angles

	<u>300</u>	<u>330</u>	<u>360</u>
0	580.673	580.673	580.673
1	583.065	581.438	580.427
2	582.313	581.425	580.112
3	582.176	580.550	579.224
4	581.493	580.235	578.226
5	580.222	579.169	577.392
6	579.169	578.294	576.394
7	578.089	576.845	574.809
8	576.326	575.465	573.319
9	575.000	573.647	571.788
10	573.059	571.938	569.970
11	571.241	569.751	567.906
12	569.081	567.783	565.746
13	566.840	565.596	563.122
14	564.174	563.258	560.771
15	561.741	560.443	557.777
16	559.007	557.654	555.303
17	555.809	554.770	551.968
18	552.829	551.462	548.687
19	549.275	548.236	545.174
20	546.145	544.669	541.990
21	542.222	541.183	537.943
22	538.709	537.233	534.308
23	534.349	533.310	530.453
24	530.398	529.182	526.051
25	525.901	525.013	521.691
26	521.527	520.310	516.866
27	516.770	515.936	512.492
28	511.890	511.002	507.421
29	507.079	506.040	502.486
30	501.762	500.859	497.101
31	496.485	495.474	492.016
32	491.045	489.665	486.398
33	485.290	484.525	480.889
34	479.905	478.893	474.875
35	473.836	472.701	469.120
36	467.822	466.619	463.160

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CANDELA TABULATION - (Cont.)

37	461.493	460.481	456.722
38	455.287	454.098	450.571
39	448.781	447.578	443.819
40	442.069	441.194	437.162
41	435.180	434.373	430.327
42	428.537	427.676	423.507
43	421.511	420.650	416.303
44	414.444	413.624	409.537
45	407.227	406.243	401.951
46	400.092	398.957	394.938
47	392.628	391.890	387.844
48	385.233	384.359	380.135
49	378.030	376.854	372.740
50	370.184	369.268	365.523
51	362.611	361.859	357.581
52	355.148	354.218	350.541
53	347.821	346.632	341.206
54	338.868	338.991	331.883
55	329.915	331.651	325.213
56	322.506	323.709	317.339
57	314.770	316.355	310.081
58	307.320	308.646	302.358
59	299.857	301.073	294.963
60	292.435	293.473	287.541
61	284.958	286.133	280.132
62	277.535	278.752	272.888
63	270.168	271.425	265.561
64	263.019	264.030	258.358
65	255.733	256.758	251.168
66	248.584	249.610	244.101
67	241.490	242.392	237.048
68	234.314	235.367	230.118
69	227.562	228.423	223.269
70	220.467	221.465	216.353
71	213.824	214.521	209.778
72	207.003	207.878	203.012
73	200.347	201.044	196.588
74	193.717	194.524	190.054
75	187.402	187.880	183.670
76	180.937	181.552	177.355
77	174.676	175.291	171.177
78	168.457	169.031	165.026
79	162.319	162.893	158.984
80	156.237	156.250	153.175
81	150.455	150.386	147.406
82	144.618	144.577	141.720
83	138.918	138.986	136.171
84	133.286	133.478	130.621
85	127.956	128.024	125.331
86	122.461	122.693	120.123
87	117.253	117.485	114.943
88	112.277	112.441	110.035
89	107.233	107.411	105.224
90	102.422	102.627	100.426
91	97.542	97.856	95.792
92	93.127	93.277	91.295

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CANDELA TABULATION - (Cont.)

93	88.438	88.780	86.935
94	84.160	84.420	82.670
95	79.923	80.169	78.528
96	75.754	76.082	74.592
97	71.790	72.159	70.628
98	68.085	68.277	66.951
99	64.258	64.641	63.397
100	60.731	61.114	59.816
101	57.382	57.656	56.590
102	54.020	54.457	53.295
103	50.972	51.300	50.288
104	47.965	48.334	47.363
105	45.108	45.518	44.561
106	42.415	42.825	41.895
107	39.913	40.283	39.435
108	37.494	37.890	37.070
109	35.211	35.621	34.774
110	33.120	33.475	32.710
111	31.138	31.521	30.769
112	29.238	29.621	28.910
113	27.543	27.912	27.174
114	25.930	26.272	25.602
115	24.440	24.823	24.139
116	23.101	23.470	22.786
117	21.870	22.212	21.529
118	20.695	21.105	20.435
119	19.670	20.175	19.410
120	18.740	19.355	18.467
121	17.865	18.316	17.565
122	17.073	17.414	16.758
123	16.389	16.663	16.047
124	15.706	16.020	15.432
125	15.118	15.419	14.886
126	14.598	14.899	14.380
127	14.093	14.393	13.956
128	13.655	13.929	13.491
129	13.177	13.491	13.027
130	12.740	13.040	12.575
131	12.179	12.548	12.070
132	11.714	12.001	11.578
133	11.236	11.509	11.127
134	10.840	11.045	10.689
135	10.498	10.662	10.334
136	10.211	10.334	10.074
137	10.101	10.088	9.965
138	10.183	10.074	10.060
139	10.265	10.156	10.142
140	10.361	10.252	10.238
141	10.443	10.334	10.347
142	10.539	10.429	10.416
143	10.634	10.511	10.525
144	10.716	10.607	10.607
145	10.799	10.703	10.716
146	10.894	10.812	10.799
147	11.004	10.894	10.894
148	11.099	10.990	10.976

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CANDELA TABULATION - (Cont.)

149	11.181	11.072	11.072
150	11.277	11.181	11.168
151	11.373	11.263	11.263
152	11.482	11.359	11.359
153	11.564	11.455	11.455
154	11.660	11.564	11.564
155	11.755	11.660	11.660
156	11.851	11.769	11.742
157	11.947	11.851	11.837
158	12.042	11.947	11.933
159	12.124	12.042	12.015
160	12.234	12.138	12.111
161	12.316	12.220	12.193
162	12.384	12.316	12.275
163	12.452	12.384	12.370
164	12.507	12.480	12.452
165	12.548	12.562	12.534
166	12.589	12.603	12.603
167	12.644	12.657	12.630
168	12.712	12.699	12.685
169	12.767	12.740	12.740
170	12.835	12.767	12.794
171	12.876	12.822	12.835
172	12.931	12.863	12.876
173	12.972	12.890	12.876
174	13.013	12.931	12.904
175	13.040	12.972	12.945
176	13.068	13.013	12.972
177	13.122	13.027	13.013
178	13.150	13.068	13.054
179	13.163	13.081	13.081
180	13.095	13.095	13.095

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	213.76	N.A.	9.80
0-30	456.78	N.A.	20.90
0-40	754.48	N.A.	34.60
0-60	1370.13	N.A.	62.80
0-80	1829.15	N.A.	83.80
0-90	1972.43	N.A.	90.40
10-90	1917.33	N.A.	87.90
20-40	540.72	N.A.	24.80
20-50	856.98	N.A.	39.30
40-70	872.83	N.A.	40.00
60-80	459.02	N.A.	21.00
70-80	201.84	N.A.	9.20
80-90	143.28	N.A.	6.60
90-110	142.11	N.A.	6.50
90-120	168.52	N.A.	7.70
90-130	183.18	N.A.	8.40
90-150	199.34	N.A.	9.10
90-180	209.76	N.A.	9.60
110-180	67.65	N.A.	3.10
0-180	2182.19	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	55.10
10-20	158.66
20-30	243.01
30-40	297.71
40-50	316.26
50-60	299.39
60-70	257.18
70-80	201.84
80-90	143.28
90-100	91.05
100-110	51.06
110-120	26.40
120-130	14.66
130-140	9.04
140-150	7.12
150-160	5.59
160-170	3.59
170-180	1.24

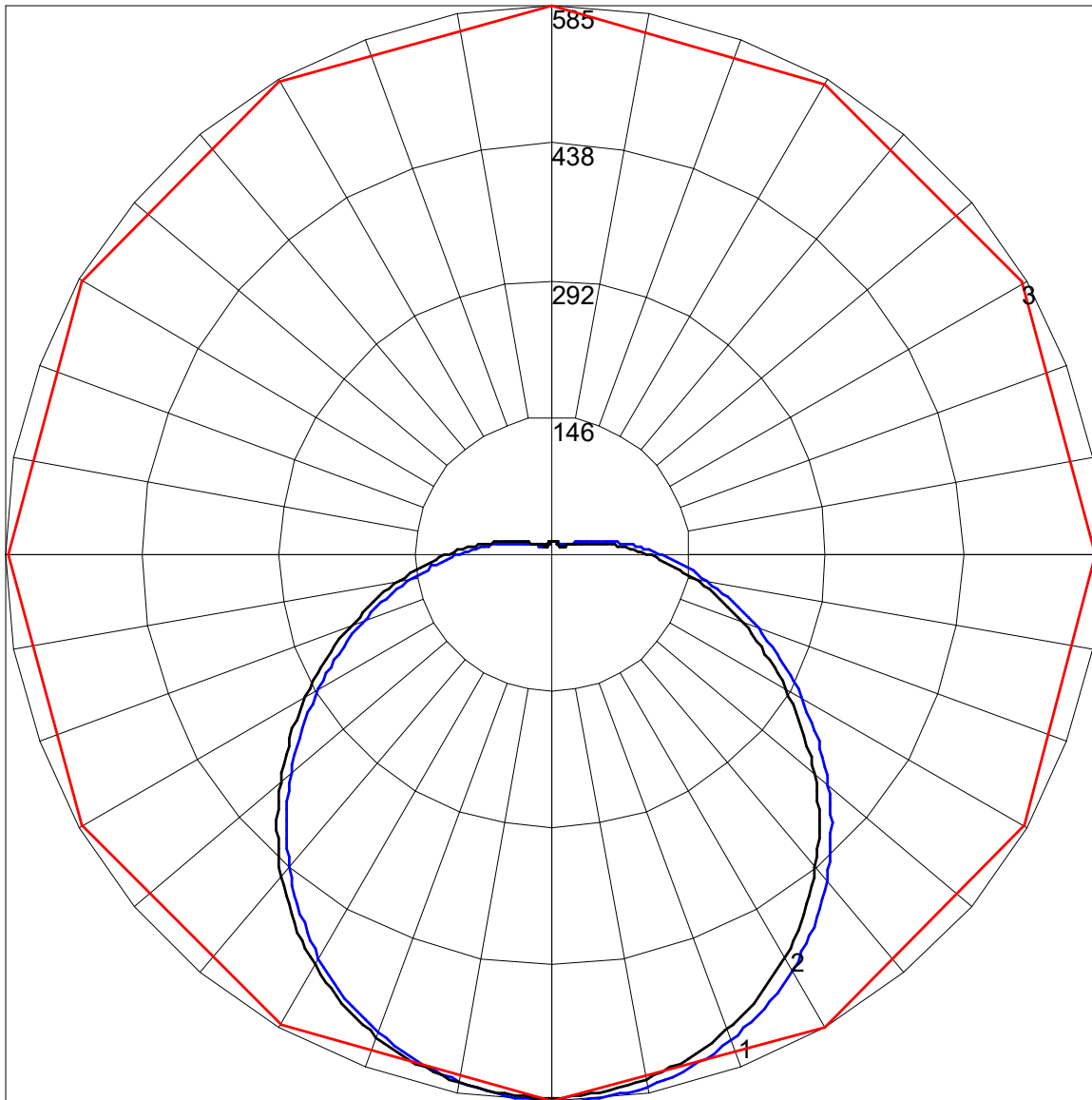
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PHOTOMETRIC FILENAME : GNLXAFRXOG-H40.IES

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	71
2	94	84	77	70	90	82	75	69	77	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	37	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 = 584.514 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.)