



IES INDOOR REPORT

PHOTOMETRIC FILENAME : DLXX48M-30-2CXX.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 14839712.01P
[TESTLAB] UL Verification Services Inc.
[ISSUEDATE] 6/14/2023
[TESTDATE] 6/14/2023
[MANUFAC] LAMAR LED
[LUMCAT] DLXX48M-30-2CXX
[LUMINAIRE] White aluminum housing, frosted lens enclosure
[LAMP] 112 White LEDs
[BALLAST] KLTD-50-UV-SC1400-56-VDIM-U7
[OTHER] 25 C, 120.1 V, 0.2387 A, 28.49 W, 0.994 PF, 59.9698 H
[OTHER] This test was performed using the calibrated photodetector met
[MORE] hod of absolute photometry.

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3356
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	118
Total Luminaire Watts	28.49
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.24
Spacing Criterion (90-270)	1.32
Spacing Criterion (Diagonal)	1.40
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	3.92 ft
Luminous Width (90-270)	0.42 ft
Luminous Height	0.17 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	5434	4646	4681
55	5067	4231	4377
65	4581	3824	4072
75	3606	3385	3806
85	1608	3069	3658

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CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	963.597	963.597	963.597	963.597	963.597
0.5	960.204	968.687	963.032	962.466	961.335
1.0	960.204	968.687	963.032	962.466	961.335
1.5	960.204	968.121	962.466	961.901	960.770
2.0	959.639	968.121	962.466	961.901	960.770
2.5	959.073	967.556	961.901	961.335	960.770
3.0	958.508	966.990	961.335	961.335	960.204
3.5	957.942	966.425	960.770	961.335	960.204
4.0	957.942	965.859	960.204	960.770	960.204
4.5	956.811	964.728	959.639	960.204	959.639
5.0	955.680	964.163	959.073	959.639	959.639
5.5	955.115	963.032	958.508	959.073	959.073
6.0	953.984	962.466	957.377	958.508	958.508
6.5	952.853	961.335	956.811	957.942	958.508
7.0	951.722	959.639	955.680	957.377	957.377
7.5	950.026	958.508	955.115	956.811	957.377
8.0	948.895	957.377	953.418	956.246	956.811
8.5	947.764	956.246	952.853	955.115	955.680
9.0	946.067	954.549	951.156	953.984	954.549
9.5	944.371	952.853	950.026	952.853	953.984
10.0	942.674	951.156	948.329	951.722	952.853
10.5	940.978	949.460	947.198	950.591	951.156
11.0	939.281	947.764	945.502	948.895	950.026
11.5	937.019	946.067	943.805	947.764	948.895
12.0	935.323	944.371	942.109	945.502	946.633
12.5	933.061	942.109	939.847	944.371	944.936
13.0	930.799	939.847	938.150	942.674	943.805
13.5	928.537	938.150	935.888	940.412	941.543
14.0	926.275	935.323	934.192	938.716	939.847
14.5	923.447	933.061	931.930	937.019	938.150
15.0	921.185	930.799	929.668	934.757	936.454
15.5	918.358	927.971	927.406	933.061	934.757
16.0	915.531	925.709	925.144	931.364	933.061
16.5	912.703	922.882	922.882	929.102	931.364
17.0	909.876	920.054	920.054	927.406	929.668
17.5	906.483	916.662	917.793	925.144	927.406
18.0	903.090	913.834	914.965	922.882	925.709
18.5	900.262	910.441	912.138	921.185	923.447
19.0	896.304	907.614	909.876	918.358	921.185
19.5	893.476	903.655	906.483	916.096	918.923
20.0	889.518	900.262	903.655	913.269	916.662
20.5	885.559	896.869	900.828	911.007	913.834
21.0	882.167	893.476	897.435	908.179	911.007
21.5	878.208	890.083	894.607	905.352	908.745
22.0	874.250	886.125	891.214	902.524	905.917
22.5	870.291	882.167	887.821	899.131	903.090
23.0	866.333	878.208	884.429	896.304	900.262
23.5	861.809	874.250	880.470	892.911	897.435
24.0	857.285	870.291	877.077	889.518	894.042
24.5	853.326	865.767	873.119	886.125	891.214
25.0	848.803	861.809	869.160	882.732	887.821
25.5	844.279	857.285	865.202	879.339	884.429
26.0	839.189	852.761	861.243	875.946	881.036
26.5	834.665	848.237	857.285	871.988	877.643

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CANDELA TABULATION - (Cont.)

27.0	829.576	843.148	853.326	868.595	873.684
27.5	824.486	838.624	849.368	864.636	870.291
28.0	819.397	833.534	844.844	861.243	866.898
28.5	814.308	828.445	840.320	856.719	862.940
29.0	808.653	823.355	835.231	853.326	858.981
29.5	803.563	817.701	830.707	848.803	855.023
30.0	798.474	812.611	825.617	844.844	851.630
30.5	793.384	806.956	820.528	840.886	847.672
31.0	787.164	801.301	815.439	836.362	844.279
31.5	781.509	795.646	810.349	831.838	839.755
32.0	776.420	789.991	804.694	827.879	836.362
32.5	770.199	784.337	799.605	822.790	831.838
33.0	764.544	778.682	794.515	818.832	827.879
33.5	758.889	772.461	788.860	813.742	823.355
34.0	752.669	766.806	783.771	809.218	818.832
34.5	747.014	760.586	778.682	804.694	814.308
35.0	740.794	754.931	773.027	799.605	809.218
35.5	734.573	748.711	767.372	794.515	804.694
36.0	727.787	742.490	762.282	789.426	799.605
36.5	721.567	736.270	756.627	784.337	794.515
37.0	715.347	730.049	750.973	779.247	788.860
37.5	708.561	723.829	744.752	773.592	783.771
38.0	702.340	717.609	739.097	767.937	778.682
38.5	695.554	711.954	733.442	762.282	773.027
39.0	688.768	705.168	727.222	756.627	767.937
39.5	682.548	698.947	721.567	750.973	761.717
40.0	675.197	692.161	715.347	744.752	756.062
40.5	668.976	685.941	709.126	739.097	750.973
41.0	662.190	679.155	703.471	733.442	745.318
41.5	655.405	672.935	697.251	727.787	739.663
42.0	649.184	666.149	691.030	722.132	734.573
42.5	642.398	659.363	685.376	717.043	728.918
43.0	636.178	653.143	679.155	711.388	723.829
43.5	629.392	646.357	673.500	706.299	718.740
44.0	622.041	639.571	667.280	701.209	713.650
44.5	615.820	632.785	661.059	695.554	709.126
45.0	608.469	625.999	655.405	691.030	704.037
45.5	602.248	619.213	649.184	685.941	699.513
46.0	595.462	612.427	642.964	680.286	694.989
46.5	588.111	605.641	637.309	675.762	690.465
47.0	581.891	598.855	631.088	670.673	684.810
47.5	574.539	591.504	624.868	665.583	680.286
48.0	567.753	584.718	618.648	659.928	675.197
48.5	560.798	578.498	612.993	654.839	670.107
49.0	553.390	571.712	606.772	649.750	665.018
49.5	546.661	564.756	600.552	644.095	659.363
50.0	539.309	558.197	594.897	638.440	654.274
50.5	532.297	551.298	588.677	632.785	649.184
51.0	525.341	544.568	582.456	627.130	643.529
51.5	517.877	538.008	576.801	622.041	638.440
52.0	511.204	531.223	570.581	615.820	632.785
52.5	503.796	524.493	564.587	610.731	627.130
53.0	496.671	517.538	558.253	605.076	622.041
53.5	489.885	510.695	552.259	598.855	616.386
54.0	482.308	503.909	545.982	593.200	610.165
54.5	475.522	496.897	539.762	587.546	605.076

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CANDELA TABULATION - (Cont.)

55.0	468.283	490.111	533.598	581.891	599.421
55.5	461.045	482.986	527.208	576.236	593.766
56.0	454.203	476.031	520.761	570.015	588.111
56.5	446.738	469.075	514.541	564.134	581.891
57.0	439.613	461.893	508.151	558.310	576.236
57.5	432.827	454.938	501.930	552.485	570.581
58.0	426.041	447.926	495.484	546.604	564.700
58.5	419.029	440.857	489.093	540.666	558.875
59.0	412.413	433.788	482.930	534.729	553.164
59.5	404.948	427.172	476.483	529.017	547.565
60.0	397.597	421.065	470.263	523.249	541.854
60.5	389.737	414.618	463.986	517.651	536.086
61.0	382.498	407.323	457.765	511.713	530.657
61.5	374.695	400.255	451.601	506.058	525.115
62.0	366.947	393.017	445.211	500.460	519.460
62.5	359.483	385.835	439.048	494.635	513.919
63.0	351.566	378.766	432.940	488.924	508.320
63.5	344.102	371.528	427.681	483.269	502.778
64.0	336.298	364.403	422.083	477.388	497.293
64.5	328.437	357.221	416.032	471.789	491.469
65.0	320.973	350.039	410.377	465.795	485.814
65.5	312.999	342.971	404.044	460.084	480.159
66.0	305.309	335.789	397.767	454.090	474.447
66.5	297.505	328.607	391.659	448.208	468.510
67.0	289.588	321.538	385.382	442.101	462.798
67.5	282.011	314.357	379.219	436.559	456.804
68.0	273.981	307.231	373.055	430.961	450.979
68.5	266.120	300.050	366.834	425.702	445.381
69.0	258.373	292.868	360.727	420.386	439.670
69.5	250.400	285.856	354.507	415.297	433.902
70.0	242.652	278.674	348.456	409.416	428.925
70.5	234.622	271.662	342.292	403.535	423.327
71.0	226.705	264.593	336.128	397.710	418.181
71.5	219.015	257.638	330.190	391.829	412.752
72.0	210.928	250.682	324.083	386.061	407.097
72.5	203.125	243.783	318.145	380.293	401.386
73.0	195.321	236.941	312.151	374.468	395.561
73.5	187.517	230.155	306.157	368.813	390.076
74.0	179.826	223.426	300.332	363.045	384.478
74.5	171.909	216.753	294.451	357.447	378.936
75.0	164.332	210.193	288.683	351.849	373.281
75.5	156.811	203.690	282.972	346.250	367.739
76.0	149.120	197.300	277.374	340.709	362.367
76.5	141.656	191.023	271.775	335.167	356.882
77.0	134.248	184.746	266.233	329.795	351.509
77.5	126.953	178.639	260.805	324.422	346.194
78.0	119.715	172.588	255.489	318.937	340.709
78.5	112.420	166.650	250.060	313.735	335.563
79.0	105.408	160.826	244.858	308.362	330.304
79.5	98.509	155.058	239.655	303.103	324.988
80.0	91.553	149.459	234.566	297.957	319.785
80.5	84.824	143.861	229.420	292.642	314.639
81.0	78.264	138.432	224.330	287.609	309.550
81.5	71.817	133.173	219.354	282.406	304.347
82.0	65.484	127.971	214.434	277.317	299.258
82.5	59.320	122.938	209.515	272.341	294.225

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CANDELA TABULATION - (Cont.)

83.0	53.326	117.962	204.708	267.364	289.305
83.5	47.614	113.098	199.958	262.501	284.386
84.0	42.016	108.461	195.264	257.638	279.522
84.5	36.700	103.881	190.627	252.775	274.772
85.0	31.668	99.470	186.103	248.251	270.079
85.5	26.861	95.229	181.636	243.501	265.329
86.0	22.280	91.044	177.168	238.920	260.805
86.5	18.096	87.029	172.871	234.396	256.224
87.0	14.307	83.127	168.573	229.816	251.644
87.5	10.971	79.395	164.388	225.461	247.176
88.0	8.087	75.776	160.260	220.994	242.709
88.5	5.825	72.213	156.245	216.753	238.411
89.0	4.298	68.877	152.343	212.568	234.057
89.5	2.941	65.540	148.385	208.214	229.759
90.0	2.149	62.543	144.596	204.199	225.461
90.5	2.092	59.603	140.920	200.071	221.277
91.0	2.092	56.662	137.188	195.999	217.149
91.5	2.092	53.948	133.626	192.097	212.964
92.0	2.092	51.347	130.063	188.026	208.779
92.5	2.092	48.802	126.670	184.237	204.821
93.0	2.092	46.427	123.334	180.392	200.863
93.5	2.092	44.165	119.997	176.603	196.904
94.0	2.092	42.073	116.831	173.040	193.059
94.5	2.092	40.037	113.720	169.365	189.270
95.0	2.092	38.058	110.554	165.915	185.425
95.5	2.092	36.248	107.613	162.409	181.749
96.0	2.092	34.552	104.616	158.903	178.073
96.5	2.149	32.855	101.845	155.680	174.567
97.0	2.149	31.328	99.018	152.174	171.061
97.5	2.149	29.801	96.247	149.007	167.499
98.0	2.149	28.388	93.532	145.784	164.106
98.5	2.149	27.030	90.874	142.504	160.656
99.0	2.149	25.730	88.330	139.450	157.376
99.5	2.149	24.542	85.842	136.227	154.040
100.0	2.149	23.411	83.353	133.230	150.817
100.5	2.205	22.280	80.978	130.289	147.650
101.0	2.205	21.262	78.660	127.179	144.483
101.5	2.205	20.245	76.398	124.465	141.429
102.0	2.205	19.340	74.192	121.581	138.432
102.5	2.205	18.378	72.044	118.810	135.492
103.0	2.205	17.530	69.951	116.152	132.608
103.5	2.262	16.739	67.916	113.381	129.780
104.0	2.262	15.947	65.880	110.836	126.896
104.5	2.262	15.268	63.957	108.179	124.125
105.0	2.262	14.590	62.034	105.577	121.411
105.5	2.262	13.911	60.168	103.146	118.640
106.0	2.319	13.346	58.302	100.544	115.926
106.5	2.319	12.724	56.549	98.169	113.324
107.0	2.319	12.215	54.796	95.738	110.667
107.5	2.319	11.706	53.043	93.306	108.122
108.0	2.319	11.197	51.403	91.044	105.634
108.5	2.375	10.744	49.763	88.669	103.089
109.0	2.375	10.292	48.180	86.464	100.714
109.5	2.375	9.896	46.596	84.202	98.226
110.0	2.375	9.500	45.126	81.940	95.851
110.5	2.375	9.104	43.656	79.904	93.532

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CANDELA TABULATION - (Cont.)

111.0	2.432	8.765	42.186	77.699	91.214
111.5	2.432	8.426	40.828	75.606	88.952
112.0	2.432	8.087	39.471	73.627	86.690
112.5	2.432	7.804	38.171	71.535	84.541
113.0	2.488	7.521	36.927	69.725	82.392
113.5	2.488	7.238	35.626	67.689	80.243
114.0	2.488	6.899	34.438	65.823	78.151
114.5	2.488	6.673	33.307	64.014	76.059
115.0	2.488	6.390	32.120	62.091	74.023
115.5	2.488	6.164	31.045	60.394	72.044
116.0	2.488	5.938	29.971	58.585	70.064
116.5	2.488	5.655	28.953	56.888	68.142
117.0	2.545	5.429	27.992	55.249	66.219
117.5	2.545	5.259	27.030	53.495	64.353
118.0	2.545	5.033	26.126	51.912	62.543
118.5	2.545	4.863	25.221	50.329	60.734
119.0	2.545	4.637	24.316	48.745	58.981
119.5	2.545	4.467	23.468	47.332	57.228
120.0	2.545	4.298	22.676	45.748	55.531
120.5	2.545	4.128	21.885	44.391	53.891
121.0	2.545	3.958	21.093	42.977	52.308
121.5	2.545	3.789	20.358	41.507	50.725
122.0	2.545	3.676	19.623	40.263	49.141
122.5	2.545	3.506	18.887	38.906	47.614
123.0	2.601	3.393	18.209	37.662	46.201
123.5	2.601	3.280	17.530	36.418	44.674
124.0	2.601	3.110	16.852	35.174	43.260
124.5	2.601	2.997	16.230	34.043	41.846
125.0	2.601	2.941	15.608	32.855	40.489
125.5	2.601	2.827	15.042	31.724	39.132
126.0	2.601	2.771	14.477	30.706	37.831
126.5	2.601	2.714	13.911	29.575	36.587
127.0	2.658	2.658	13.402	28.614	35.287
127.5	2.658	2.601	12.837	27.539	34.099
128.0	2.658	2.545	12.328	26.578	32.968
128.5	2.658	2.545	11.875	25.673	31.781
129.0	2.658	2.545	11.366	24.712	30.706
129.5	2.658	2.545	10.914	23.807	29.575
130.0	2.714	2.545	10.462	22.902	28.557
130.5	2.714	2.601	10.009	22.054	27.539
131.0	2.714	2.601	9.613	21.262	26.522
131.5	2.714	2.601	9.161	20.414	25.560
132.0	2.714	2.601	8.765	19.623	24.599
132.5	2.771	2.601	8.313	18.831	23.638
133.0	2.771	2.601	7.917	18.039	22.789
133.5	2.771	2.658	7.521	17.361	21.828
134.0	2.771	2.658	7.125	16.625	20.980
134.5	2.771	2.658	6.786	15.947	20.131
135.0	2.771	2.658	6.447	15.268	19.340
135.5	2.827	2.658	6.107	14.590	18.492
136.0	2.827	2.658	5.825	13.968	17.700
136.5	2.827	2.714	5.485	13.289	16.965
137.0	2.827	2.714	5.203	12.724	16.173
137.5	2.827	2.714	4.976	12.102	15.438
138.0	2.827	2.714	4.694	11.536	14.759
138.5	2.884	2.714	4.467	10.971	14.081

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CANDELA TABULATION - (Cont.)

139.0	2.884	2.771	4.241	10.405	13.402
139.5	2.884	2.771	4.015	9.896	12.724
140.0	2.884	2.771	3.845	9.387	12.102
140.5	2.884	2.771	3.619	8.822	11.479
141.0	2.941	2.771	3.449	8.369	10.857
141.5	2.941	2.827	3.280	7.860	10.235
142.0	2.941	2.827	3.110	7.408	9.670
142.5	2.941	2.827	2.941	7.012	9.161
143.0	2.941	2.827	2.771	6.560	8.595
143.5	2.997	2.827	2.658	6.164	8.087
144.0	2.997	2.884	2.601	5.825	7.578
144.5	2.997	2.884	2.488	5.429	7.125
145.0	3.054	2.884	2.432	5.089	6.673
145.5	3.054	2.884	2.432	4.750	6.164
146.0	3.054	2.884	2.432	4.467	5.768
146.5	3.054	2.941	2.432	4.128	5.372
147.0	3.110	2.941	2.432	3.845	4.976
147.5	3.110	2.941	2.432	3.563	4.637
148.0	3.110	2.941	2.488	3.336	4.298
148.5	3.110	2.941	2.488	3.054	3.958
149.0	3.167	2.997	2.488	2.827	3.676
149.5	3.167	2.997	2.488	2.601	3.336
150.0	3.167	2.997	2.488	2.375	3.054
150.5	3.167	2.997	2.545	2.205	2.771
151.0	3.223	2.997	2.545	2.036	2.488
151.5	3.223	3.054	2.545	1.923	2.262
152.0	3.223	3.054	2.545	1.866	2.036
152.5	3.223	3.054	2.601	1.866	1.866
153.0	3.280	3.054	2.601	1.866	1.696
153.5	3.280	3.054	2.601	1.866	1.583
154.0	3.280	3.110	2.601	1.866	1.527
154.5	3.280	3.110	2.601	1.923	1.527
155.0	3.280	3.110	2.658	1.923	1.527
155.5	3.336	3.110	2.658	1.923	1.527
156.0	3.336	3.110	2.658	1.923	1.527
156.5	3.336	3.167	2.658	1.923	1.527
157.0	3.336	3.167	2.714	1.979	1.527
157.5	3.393	3.167	2.714	1.979	1.583
158.0	3.393	3.167	2.714	1.979	1.583
158.5	3.393	3.167	2.714	1.979	1.583
159.0	3.393	3.223	2.714	1.979	1.583
159.5	3.393	3.223	2.714	1.979	1.583
160.0	3.393	3.223	2.714	2.036	1.583
160.5	3.449	3.223	2.714	2.036	1.583
161.0	3.449	3.223	2.771	2.036	1.583
161.5	3.449	3.223	2.771	2.036	1.583
162.0	3.449	3.280	2.771	2.036	1.583
162.5	3.449	3.280	2.771	2.036	1.583
163.0	3.506	3.280	2.771	2.036	1.583
163.5	3.506	3.280	2.771	2.036	1.583
164.0	3.506	3.280	2.771	2.036	1.583
164.5	3.506	3.336	2.827	2.036	1.583
165.0	3.563	3.336	2.827	2.092	1.583
165.5	3.563	3.336	2.827	2.092	1.640
166.0	3.563	3.336	2.827	2.092	1.640
166.5	3.563	3.336	2.827	2.092	1.640

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	3.563	3.393	2.827	2.092	1.640
167.5	3.563	3.393	2.827	2.149	1.640
168.0	3.619	3.393	2.884	2.149	1.640
168.5	3.619	3.393	2.884	2.149	1.640
169.0	3.619	3.393	2.884	2.149	1.640
169.5	3.619	3.393	2.884	2.149	1.696
170.0	3.619	3.393	2.884	2.149	1.640
170.5	3.619	3.449	2.884	2.149	1.696
171.0	3.619	3.449	2.884	2.149	1.640
171.5	3.619	3.449	2.884	2.149	1.696
172.0	3.619	3.449	2.884	2.149	1.640
172.5	3.619	3.449	2.884	2.149	1.696
173.0	3.619	3.449	2.884	2.149	1.696
173.5	3.676	3.449	2.941	2.149	1.696
174.0	3.676	3.449	2.941	2.149	1.696
174.5	3.676	3.449	2.941	2.205	1.696
175.0	3.676	3.449	2.941	2.205	1.696
175.5	3.676	3.506	2.941	2.205	1.696
176.0	3.676	3.506	2.941	2.205	1.696
176.5	3.676	3.506	2.941	2.205	1.696
177.0	3.732	3.506	2.941	2.205	1.696
177.5	3.732	3.506	2.941	2.205	1.696
178.0	3.732	3.506	2.997	2.205	1.696
178.5	3.732	3.506	2.997	2.205	1.753
179.0	3.732	3.506	2.997	2.205	1.696
179.5	3.732	3.506	2.997	2.205	1.753
180.0	2.884	2.884	2.884	2.884	2.884

IES INDOOR REPORT
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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	354.25	N.A.	10.60
0-30	755.39	N.A.	22.50
0-40	1240.42	N.A.	37.00
0-60	2226.32	N.A.	66.30
0-80	2926.12	N.A.	87.20
0-90	3114.7	N.A.	92.80
10-90	3023.37	N.A.	90.10
20-40	886.17	N.A.	26.40
20-50	1393.73	N.A.	41.50
40-70	1389.15	N.A.	41.40
60-80	699.80	N.A.	20.90
70-80	296.55	N.A.	8.80
80-90	188.58	N.A.	5.60
90-110	177.89	N.A.	5.30
90-120	212.91	N.A.	6.30
90-130	229.67	N.A.	6.80
90-150	239.29	N.A.	7.10
90-180	241.51	N.A.	7.20
110-180	63.62	N.A.	1.90
0-180	3356.21	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	91.33
10-20	262.92
20-30	401.13
30-40	485.03
40-50	507.57
50-60	478.33
60-70	403.24
70-80	296.55
80-90	188.58
90-100	112.60
100-110	65.29
110-120	35.02
120-130	16.76
130-140	7.07
140-150	2.55
150-160	1.19
160-170	0.76
170-180	0.27

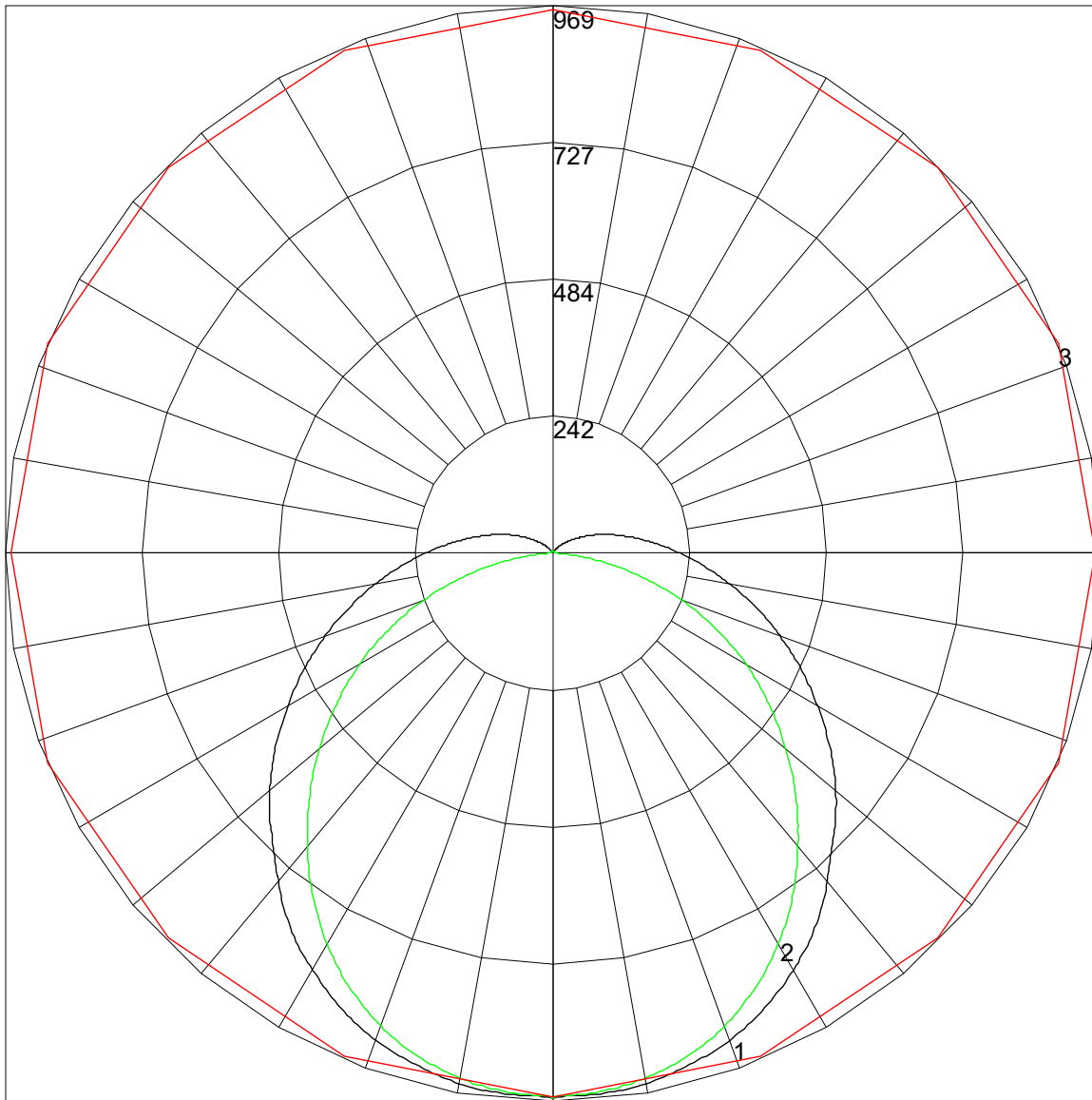
IES INDOOR REPORT
PHOTOMETRIC FILENAME : DLXX48M-30-2CXX.IES

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	114	114	114	114	107	107	107	101	101	101	95	95	95	93
1	105	100	95	90	102	97	92	88	91	87	84	86	83	80	81	79	76	74
2	95	86	78	72	91	83	76	71	78	73	68	74	69	65	70	66	63	60
3	86	75	66	59	83	73	65	58	69	62	56	65	59	54	61	56	52	50
4	79	66	57	50	76	64	56	49	61	53	47	57	51	46	54	49	45	42
5	72	59	49	42	70	57	48	42	54	47	41	51	45	40	49	43	39	36
6	67	53	44	37	64	51	43	36	49	41	35	46	40	35	44	38	34	31
7	62	48	39	32	59	47	38	32	44	37	31	42	36	31	40	34	30	28
8	57	43	35	29	55	42	34	28	41	33	28	39	32	27	37	31	27	25
9	54	40	31	26	52	39	31	26	37	30	25	36	29	25	34	28	24	22
10	50	37	29	23	49	36	28	23	34	27	23	33	27	22	32	26	22	20

POLAR GRAPH



Maximum Candela = 968.687 Located At Horizontal Angle = 22.5, Vertical Angle = .5
1 - Vertical Plane Through Horizontal Angles (90 - 270)
2 - Vertical Plane Through Horizontal Angles (0 - 180)
3 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)