



IES INDOOR REPORT

PHOTOMETRIC FILENAME : DLXX48L-30-2CXX.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 14839712.01P1
[TESTLAB] UL Verification Services Inc.
[ISSUEDATE] 6/14/2023
[TESTDATE] 6/14/2023
[MANUFAC] LAMAR LED
[LUMCAT] DLXX48L-30-2CXX
[LUMINAIRE] White aluminum housing, frosted lens enclosure
[LAMP] 112 White LEDs
[BALLAST] KLTD-50-UV-SC1400-56-VDIM-U7
[OTHER] 25 C, 119.96V, 0.18834 A, 22.49W, 0.991 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	2790
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	124
Total Luminaire Watts	22.49
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	4517	3863	3891
55	4212	3518	3639
65	3809	3179	3385
75	2998	2814	3164
85	1337	2551	3041

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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	801.038	801.038	801.038	801.038	801.038
0.5	798.217	805.269	800.568	800.098	799.158
1.0	798.217	805.269	800.568	800.098	799.158
1.5	798.217	804.799	800.098	799.628	798.688
2.0	797.747	804.799	800.098	799.628	798.688
2.5	797.277	804.329	799.628	799.158	798.688
3.0	796.807	803.859	799.158	799.158	798.217
3.5	796.337	803.388	798.688	799.158	798.217
4.0	796.337	802.918	798.217	798.688	798.217
4.5	795.397	801.978	797.747	798.217	797.747
5.0	794.457	801.508	797.277	797.747	797.747
5.5	793.987	800.568	796.807	797.277	797.277
6.0	793.046	800.098	795.867	796.807	796.807
6.5	792.106	799.158	795.397	796.337	796.807
7.0	791.166	797.747	794.457	795.867	795.867
7.5	789.756	796.807	793.987	795.397	795.867
8.0	788.816	795.867	792.576	794.927	795.397
8.5	787.875	794.927	792.106	793.987	794.457
9.0	786.465	793.517	790.696	793.046	793.517
9.5	785.055	792.106	789.756	792.106	793.046
10.0	783.645	790.696	788.345	791.166	792.106
10.5	782.234	789.286	787.405	790.226	790.696
11.0	780.824	787.875	785.995	788.816	789.756
11.5	778.944	786.465	784.585	787.875	788.816
12.0	777.533	785.055	783.174	785.995	786.935
12.5	775.653	783.174	781.294	785.055	785.525
13.0	773.773	781.294	779.884	783.645	784.585
13.5	771.892	779.884	778.003	781.764	782.704
14.0	770.012	777.533	776.593	780.354	781.294
14.5	767.661	775.653	774.713	778.944	779.884
15.0	765.781	773.773	772.832	777.063	778.474
15.5	763.431	771.422	770.952	775.653	777.063
16.0	761.080	769.542	769.072	774.243	775.653
16.5	758.730	767.191	767.191	772.362	774.243
17.0	756.379	764.841	764.841	770.952	772.832
17.5	753.559	762.020	762.960	769.072	770.952
18.0	750.738	759.670	760.610	767.191	769.542
18.5	748.388	756.849	758.260	765.781	767.661
19.0	745.097	754.499	756.379	763.431	765.781
19.5	742.746	751.208	753.559	761.550	763.901
20.0	739.456	748.388	751.208	759.200	762.020
20.5	736.165	745.567	748.858	757.319	759.670
21.0	733.345	742.746	746.037	754.969	757.319
21.5	730.054	739.926	743.687	752.618	755.439
22.0	726.763	736.635	740.866	750.268	753.089
22.5	723.473	733.345	738.046	747.447	750.738
23.0	720.182	730.054	735.225	745.097	748.388
23.5	716.421	726.763	731.934	742.276	746.037
24.0	712.661	723.473	729.114	739.456	743.217
24.5	709.370	719.712	725.823	736.635	740.866
25.0	705.609	716.421	722.533	733.815	738.046
25.5	701.848	712.661	719.242	730.994	735.225
26.0	697.618	708.900	715.951	728.174	732.404
26.5	693.857	705.139	712.661	724.883	729.584

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27.0	689.626	700.908	709.370	722.062	726.293
27.5	685.395	697.147	706.079	718.772	723.473
28.0	681.164	692.917	702.319	715.951	720.652
28.5	676.934	688.686	698.558	712.190	717.361
29.0	672.233	684.455	694.327	709.370	714.071
29.5	668.002	679.754	690.566	705.609	710.780
30.0	663.771	675.523	686.335	702.319	707.960
30.5	659.540	670.822	682.105	699.028	704.669
31.0	654.369	666.121	677.874	695.267	701.848
31.5	649.668	661.420	673.643	691.506	698.088
32.0	645.437	656.720	668.942	688.216	695.267
32.5	640.266	652.019	664.711	683.985	691.506
33.0	635.565	647.318	660.480	680.694	688.216
33.5	630.864	642.147	655.779	676.463	684.455
34.0	625.693	637.446	651.549	672.703	680.694
34.5	620.992	632.275	647.318	668.942	676.934
35.0	615.821	627.574	642.617	664.711	672.703
35.5	610.650	622.403	637.916	660.480	668.942
36.0	605.009	617.232	633.685	656.249	664.711
36.5	599.838	612.061	628.984	652.019	660.480
37.0	594.667	606.890	624.283	647.788	655.779
37.5	589.026	601.719	619.112	643.087	651.549
38.0	583.855	596.548	614.411	638.386	647.318
38.5	578.214	591.847	609.710	633.685	642.617
39.0	572.573	586.206	604.539	628.984	638.386
39.5	567.402	581.035	599.838	624.283	633.215
40.0	561.291	575.393	594.667	619.112	628.514
40.5	556.120	570.222	589.496	614.411	624.283
41.0	550.479	564.581	584.795	609.710	619.582
41.5	544.837	559.410	579.624	605.009	614.881
42.0	539.666	553.769	574.453	600.308	610.650
42.5	534.025	548.128	569.752	596.078	605.950
43.0	528.854	542.957	564.581	591.377	601.719
43.5	523.213	537.316	559.880	587.146	597.488
44.0	517.102	531.675	554.709	582.915	593.257
44.5	511.931	526.034	549.538	578.214	589.496
45.0	505.820	520.393	544.837	574.453	585.265
45.5	500.649	514.752	539.666	570.222	581.505
46.0	495.008	509.110	534.495	565.522	577.744
46.5	488.896	503.469	529.794	561.761	573.983
47.0	483.725	497.828	524.623	557.530	569.282
47.5	477.614	491.717	519.452	553.299	565.522
48.0	471.973	486.076	514.281	548.598	561.291
48.5	466.191	480.905	509.581	544.367	557.060
49.0	460.033	475.264	504.409	540.137	552.829
49.5	454.439	469.482	499.238	535.436	548.128
50.0	448.327	464.029	494.538	530.735	543.897
50.5	442.498	458.293	489.367	526.034	539.666
51.0	436.716	452.699	484.195	521.333	534.966
51.5	430.511	447.246	479.495	517.102	530.735
52.0	424.964	441.605	474.324	511.931	526.034
52.5	418.806	436.011	469.341	507.700	521.333
53.0	412.882	430.229	464.076	502.999	517.102
53.5	407.241	424.541	459.093	497.828	512.401
54.0	400.942	418.900	453.875	493.127	507.230
54.5	395.301	413.070	448.703	488.426	502.999

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55.0	389.284	407.429	443.579	483.725	498.298
55.5	383.267	401.506	438.267	479.024	493.597
56.0	377.578	395.724	432.908	473.853	488.896
56.5	371.373	389.942	427.737	468.964	483.725
57.0	365.450	383.972	422.425	464.123	479.024
57.5	359.809	378.190	417.254	459.281	474.324
58.0	354.168	372.360	411.895	454.392	469.435
58.5	348.339	366.484	406.583	449.456	464.593
59.0	342.839	360.608	401.459	444.520	459.845
59.5	336.633	355.108	396.100	439.772	455.191
60.0	330.522	350.031	390.929	434.977	450.443
60.5	323.988	344.672	385.711	430.323	445.648
61.0	317.971	338.608	380.540	425.387	441.135
61.5	311.483	332.732	375.416	420.686	436.528
62.0	305.043	326.714	370.104	416.032	431.827
62.5	298.838	320.744	364.980	411.190	427.220
63.0	292.257	314.868	359.903	406.442	422.566
63.5	286.051	308.851	355.531	401.741	417.959
64.0	279.564	302.928	350.877	396.852	413.400
64.5	273.030	296.958	345.847	392.198	408.558
65.0	266.825	290.987	341.146	387.215	403.857
65.5	260.196	285.111	335.881	382.467	399.156
66.0	253.803	279.141	330.663	377.484	394.408
66.5	247.316	273.171	325.586	372.595	389.472
67.0	240.734	267.295	320.368	367.518	384.724
67.5	234.435	261.325	315.244	362.912	379.741
68.0	227.760	255.401	310.120	358.258	374.899
68.5	221.226	249.431	304.949	353.886	370.245
69.0	214.785	243.461	299.872	349.467	365.497
69.5	208.157	237.632	294.701	345.236	360.702
70.0	201.717	231.662	289.671	340.347	356.565
70.5	195.041	225.833	284.547	335.458	351.911
71.0	188.460	219.956	279.423	330.616	347.634
71.5	182.067	214.174	274.487	325.727	343.121
72.0	175.345	208.392	269.410	320.932	338.420
72.5	168.857	202.657	264.474	316.137	333.672
73.0	162.370	196.969	259.491	311.295	328.830
73.5	155.883	191.328	254.508	306.594	324.270
74.0	149.489	185.734	249.666	301.800	319.616
74.5	142.908	180.187	244.777	297.146	315.009
75.0	136.609	174.733	239.982	292.492	310.308
75.5	130.357	169.327	235.234	287.838	305.701
76.0	123.963	164.015	230.580	283.231	301.235
76.5	117.758	158.797	225.927	278.624	296.676
77.0	111.600	153.579	221.320	274.158	292.210
77.5	105.536	148.502	216.807	269.692	287.791
78.0	99.519	143.472	212.388	265.132	283.231
78.5	93.454	138.536	207.875	260.807	278.953
79.0	87.625	133.694	203.550	256.342	274.581
79.5	81.890	128.899	199.225	251.970	270.162
80.0	76.108	124.246	194.994	247.692	265.837
80.5	70.514	119.592	190.717	243.273	261.560
81.0	65.061	115.079	186.486	239.089	257.329
81.5	59.702	110.707	182.349	234.764	253.004
82.0	54.437	106.382	178.259	230.533	248.773
82.5	49.313	102.198	174.169	226.397	244.589

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CANDELA TABULATION - (Cont.)

83.0	44.330	98.061	170.174	222.260	240.499
83.5	39.582	94.019	166.225	218.217	236.410
84.0	34.928	90.164	162.323	214.174	232.367
84.5	30.509	86.356	158.468	210.131	228.418
85.0	26.325	82.689	154.708	206.371	224.516
85.5	22.329	79.164	150.994	202.422	220.568
86.0	18.522	75.685	147.280	198.614	216.807
86.5	15.043	72.347	143.707	194.853	212.999
87.0	11.893	69.104	140.135	191.046	209.191
87.5	9.120	66.001	136.656	187.426	205.478
88.0	6.722	62.992	133.224	183.712	201.764
88.5	4.842	60.031	129.887	180.187	198.191
89.0	3.573	57.257	126.643	176.708	194.571
89.5	2.444	54.484	123.352	173.088	190.999
90.0	1.786	51.992	120.203	169.750	187.426
90.5	1.739	49.548	117.147	166.319	183.947
91.0	1.739	47.103	114.044	162.934	180.516
91.5	1.739	44.847	111.083	159.690	177.037
92.0	1.739	42.684	108.121	156.306	173.558
92.5	1.739	40.569	105.301	153.156	170.268
93.0	1.739	38.595	102.527	149.960	166.977
93.5	1.739	36.714	99.754	146.810	163.686
94.0	1.739	34.975	97.121	143.848	160.490
94.5	1.739	33.283	94.536	140.793	157.340
95.0	1.739	31.637	91.903	137.925	154.143
95.5	1.739	30.133	89.459	135.011	151.088
96.0	1.739	28.723	86.967	132.096	148.032
96.5	1.786	27.312	84.664	129.417	145.118
97.0	1.786	26.043	82.313	126.502	142.203
97.5	1.786	24.774	80.010	123.869	139.241
98.0	1.786	23.599	77.753	121.190	136.421
98.5	1.786	22.470	75.544	118.463	133.553
99.0	1.786	21.389	73.428	115.925	130.827
99.5	1.786	20.402	71.360	113.245	128.053
100.0	1.786	19.462	69.292	110.754	125.374
100.5	1.833	18.522	67.317	108.309	122.741
101.0	1.833	17.675	65.390	105.724	120.109
101.5	1.833	16.829	63.510	103.467	117.570
102.0	1.833	16.077	61.676	101.070	115.079
102.5	1.833	15.278	59.890	98.766	112.634
103.0	1.833	14.573	58.150	96.557	110.237
103.5	1.880	13.915	56.458	94.254	107.886
104.0	1.880	13.257	54.766	92.138	105.489
104.5	1.880	12.693	53.167	89.929	103.185
105.0	1.880	12.128	51.569	87.766	100.929
105.5	1.880	11.564	50.018	85.745	98.625
106.0	1.927	11.094	48.467	83.582	96.369
106.5	1.927	10.577	47.009	81.608	94.207
107.0	1.927	10.154	45.552	79.587	91.997
107.5	1.927	9.731	44.095	77.565	89.882
108.0	1.927	9.308	42.731	75.685	87.813
108.5	1.974	8.932	41.368	73.711	85.698
109.0	1.974	8.556	40.052	71.877	83.724
109.5	1.974	8.227	38.736	69.997	81.655
110.0	1.974	7.898	37.513	68.116	79.681
110.5	1.974	7.568	36.291	66.424	77.753

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CANDELA TABULATION - (Cont.)

111.0	2.021	7.286	35.069	64.591	75.826
111.5	2.021	7.004	33.941	62.851	73.946
112.0	2.021	6.722	32.812	61.206	72.065
112.5	2.021	6.487	31.731	59.467	70.279
113.0	2.068	6.252	30.697	57.962	68.493
113.5	2.068	6.017	29.616	56.270	66.706
114.0	2.068	5.735	28.629	54.719	64.967
114.5	2.068	5.547	27.688	53.214	63.227
115.0	2.068	5.312	26.701	51.616	61.535
115.5	2.068	5.124	25.808	50.206	59.890
116.0	2.068	4.936	24.915	48.702	58.244
116.5	2.068	4.701	24.069	47.291	56.646
117.0	2.115	4.513	23.270	45.928	55.048
117.5	2.115	4.372	22.470	44.471	53.497
118.0	2.115	4.184	21.718	43.155	51.992
118.5	2.115	4.043	20.966	41.838	50.488
119.0	2.115	3.855	20.214	40.522	49.031
119.5	2.115	3.714	19.509	39.347	47.573
120.0	2.115	3.573	18.851	38.031	46.163
120.5	2.115	3.432	18.193	36.902	44.800
121.0	2.115	3.291	17.534	35.727	43.484
121.5	2.115	3.150	16.923	34.505	42.167
122.0	2.115	3.056	16.312	33.471	40.851
122.5	2.115	2.915	15.701	32.342	39.582
123.0	2.162	2.821	15.137	31.308	38.407
123.5	2.162	2.727	14.573	30.274	37.137
124.0	2.162	2.586	14.009	29.240	35.962
124.5	2.162	2.491	13.492	28.300	34.787
125.0	2.162	2.444	12.975	27.312	33.659
125.5	2.162	2.350	12.504	26.372	32.530
126.0	2.162	2.303	12.034	25.526	31.449
126.5	2.162	2.256	11.564	24.586	30.415
127.0	2.209	2.209	11.141	23.787	29.334
127.5	2.209	2.162	10.671	22.894	28.347
128.0	2.209	2.115	10.248	22.094	27.406
128.5	2.209	2.115	9.872	21.342	26.419
129.0	2.209	2.115	9.449	20.543	25.526
129.5	2.209	2.115	9.073	19.791	24.586
130.0	2.256	2.115	8.697	19.039	23.740
130.5	2.256	2.162	8.321	18.334	22.894
131.0	2.256	2.162	7.992	17.675	22.047
131.5	2.256	2.162	7.616	16.970	21.248
132.0	2.256	2.162	7.286	16.312	20.449
132.5	2.303	2.162	6.910	15.654	19.650
133.0	2.303	2.162	6.581	14.996	18.945
133.5	2.303	2.209	6.252	14.432	18.146
134.0	2.303	2.209	5.923	13.821	17.440
134.5	2.303	2.209	5.641	13.257	16.735
135.0	2.303	2.209	5.359	12.693	16.077
135.5	2.350	2.209	5.077	12.128	15.372
136.0	2.350	2.209	4.842	11.611	14.714
136.5	2.350	2.256	4.560	11.047	14.103
137.0	2.350	2.256	4.325	10.577	13.445
137.5	2.350	2.256	4.137	10.060	12.834
138.0	2.350	2.256	3.902	9.590	12.269
138.5	2.397	2.256	3.714	9.120	11.705

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CANDELA TABULATION - (Cont.)

139.0	2.397	2.303	3.526	8.650	11.141
139.5	2.397	2.303	3.338	8.227	10.577
140.0	2.397	2.303	3.197	7.804	10.060
140.5	2.397	2.303	3.009	7.333	9.543
141.0	2.444	2.303	2.868	6.957	9.026
141.5	2.444	2.350	2.727	6.534	8.509
142.0	2.444	2.350	2.586	6.158	8.039
142.5	2.444	2.350	2.444	5.829	7.616
143.0	2.444	2.350	2.303	5.453	7.145
143.5	2.491	2.350	2.209	5.124	6.722
144.0	2.491	2.397	2.162	4.842	6.299
144.5	2.491	2.397	2.068	4.513	5.923
145.0	2.539	2.397	2.021	4.231	5.547
145.5	2.539	2.397	2.021	3.949	5.124
146.0	2.539	2.397	2.021	3.714	4.795
146.5	2.539	2.444	2.021	3.432	4.466
147.0	2.586	2.444	2.021	3.197	4.137
147.5	2.586	2.444	2.021	2.962	3.855
148.0	2.586	2.444	2.068	2.774	3.573
148.5	2.586	2.444	2.068	2.539	3.291
149.0	2.633	2.491	2.068	2.350	3.056
149.5	2.633	2.491	2.068	2.162	2.774
150.0	2.633	2.491	2.068	1.974	2.539
150.5	2.633	2.491	2.115	1.833	2.303
151.0	2.680	2.491	2.115	1.692	2.068
151.5	2.680	2.539	2.115	1.598	1.880
152.0	2.680	2.539	2.115	1.551	1.692
152.5	2.680	2.539	2.162	1.551	1.551
153.0	2.727	2.539	2.162	1.551	1.410
153.5	2.727	2.539	2.162	1.551	1.316
154.0	2.727	2.586	2.162	1.551	1.269
154.5	2.727	2.586	2.162	1.598	1.269
155.0	2.727	2.586	2.209	1.598	1.269
155.5	2.774	2.586	2.209	1.598	1.269
156.0	2.774	2.586	2.209	1.598	1.269
156.5	2.774	2.633	2.209	1.598	1.269
157.0	2.774	2.633	2.256	1.645	1.269
157.5	2.821	2.633	2.256	1.645	1.316
158.0	2.821	2.633	2.256	1.645	1.316
158.5	2.821	2.633	2.256	1.645	1.316
159.0	2.821	2.680	2.256	1.645	1.316
159.5	2.821	2.680	2.256	1.645	1.316
160.0	2.821	2.680	2.256	1.692	1.316
160.5	2.868	2.680	2.256	1.692	1.316
161.0	2.868	2.680	2.303	1.692	1.316
161.5	2.868	2.680	2.303	1.692	1.316
162.0	2.868	2.727	2.303	1.692	1.316
162.5	2.868	2.727	2.303	1.692	1.316
163.0	2.915	2.727	2.303	1.692	1.316
163.5	2.915	2.727	2.303	1.692	1.316
164.0	2.915	2.727	2.303	1.692	1.316
164.5	2.915	2.774	2.350	1.692	1.316
165.0	2.962	2.774	2.350	1.739	1.316
165.5	2.962	2.774	2.350	1.739	1.363
166.0	2.962	2.774	2.350	1.739	1.363
166.5	2.962	2.774	2.350	1.739	1.363

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	2.962	2.821	2.350	1.739	1.363
167.5	2.962	2.821	2.350	1.786	1.363
168.0	3.009	2.821	2.397	1.786	1.363
168.5	3.009	2.821	2.397	1.786	1.363
169.0	3.009	2.821	2.397	1.786	1.363
169.5	3.009	2.821	2.397	1.786	1.410
170.0	3.009	2.821	2.397	1.786	1.363
170.5	3.009	2.868	2.397	1.786	1.410
171.0	3.009	2.868	2.397	1.786	1.363
171.5	3.009	2.868	2.397	1.786	1.410
172.0	3.009	2.868	2.397	1.786	1.363
172.5	3.009	2.868	2.397	1.786	1.410
173.0	3.009	2.868	2.397	1.786	1.410
173.5	3.056	2.868	2.444	1.786	1.410
174.0	3.056	2.868	2.444	1.786	1.410
174.5	3.056	2.868	2.444	1.833	1.410
175.0	3.056	2.868	2.444	1.833	1.410
175.5	3.056	2.915	2.444	1.833	1.410
176.0	3.056	2.915	2.444	1.833	1.410
176.5	3.056	2.915	2.444	1.833	1.410
177.0	3.103	2.915	2.444	1.833	1.410
177.5	3.103	2.915	2.444	1.833	1.410
178.0	3.103	2.915	2.491	1.833	1.410
178.5	3.103	2.915	2.491	1.833	1.457
179.0	3.103	2.915	2.491	1.833	1.410
179.5	3.103	2.915	2.491	1.833	1.457
180.0	2.397	2.397	2.397	2.397	2.397

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	294.49	N.A.	10.60
0-30	627.95	N.A.	22.50
0-40	1031.16	N.A.	37.00
0-60	1850.74	N.A.	66.30
0-80	2432.48	N.A.	87.20
0-90	2589.25	N.A.	92.80
10-90	2513.32	N.A.	90.10
20-40	736.67	N.A.	26.40
20-50	1158.61	N.A.	41.50
40-70	1154.8	N.A.	41.40
60-80	581.74	N.A.	20.90
70-80	246.52	N.A.	8.80
80-90	156.76	N.A.	5.60
90-110	147.88	N.A.	5.30
90-120	176.99	N.A.	6.30
90-130	190.93	N.A.	6.80
90-150	198.93	N.A.	7.10
90-180	200.77	N.A.	7.20
110-180	52.89	N.A.	1.90
0-180	2790.01	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	75.92
10-20	218.57
20-30	333.46
30-40	403.21
40-50	421.94
50-60	397.64
60-70	335.22
70-80	246.52
80-90	156.76
90-100	93.60
100-110	54.28
110-120	29.11
120-130	13.93
130-140	5.88
140-150	2.12
150-160	0.99
160-170	0.63
170-180	0.22

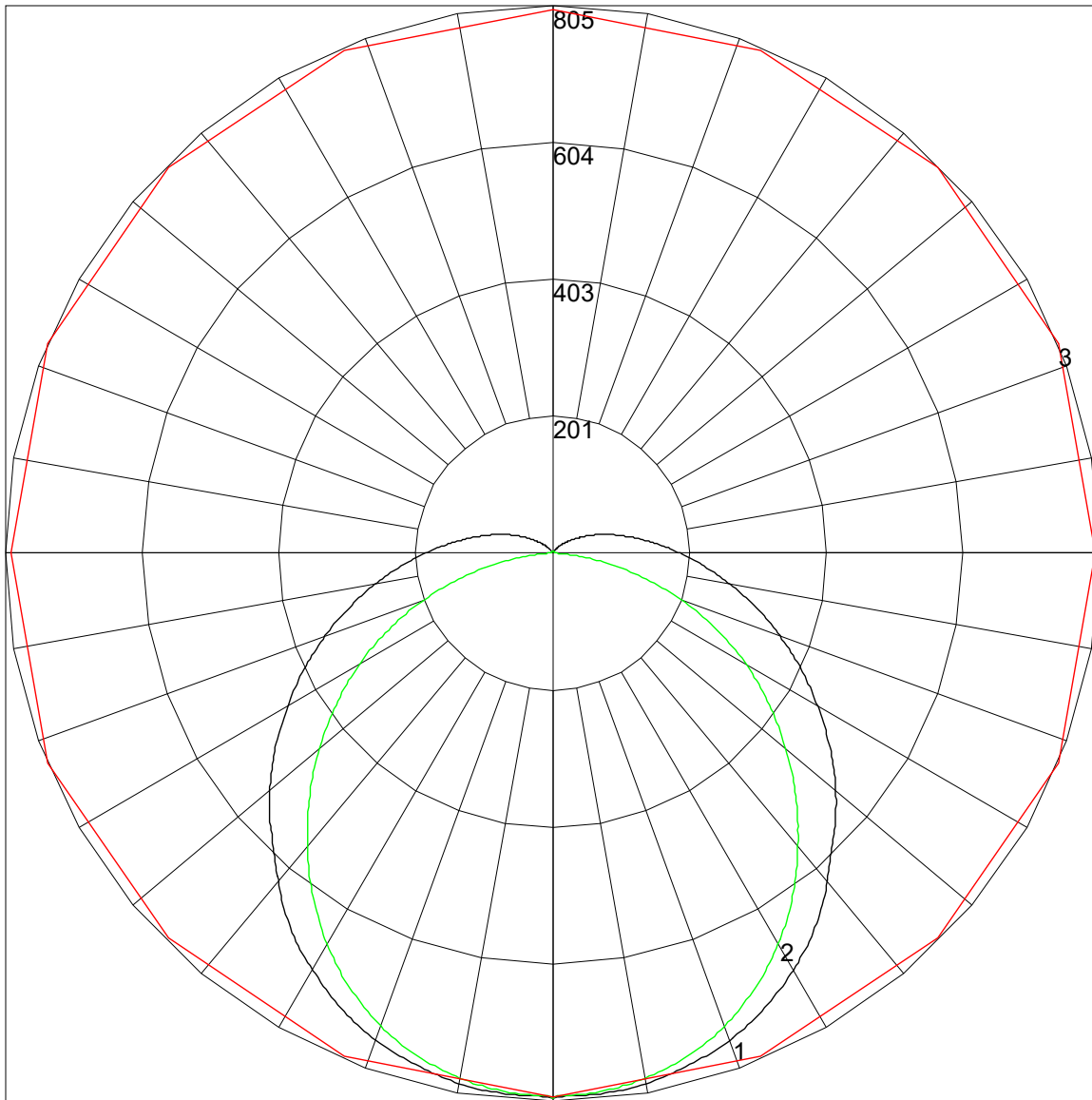
IES INDOOR REPORT
PHOTOMETRIC FILENAME : DLXX48L-30-2CXX.IES

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	70	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 = 805.269 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.)