



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LDA48LED30RFDMMVWH30.IES**

**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
 [TEST] LLIA000708-023A  
 [TESTLAB] LightLab International Allentown, LLC  
 [MANUFAC] Mobern Lighting Co., 8200 Stayton Drive, Jessup, MD 20794, USA  
 [LUMCAT] LDA48LED30RFDMMVWH30  
 [LUMINAIRE] Catalog Number: LDA48LED30RFDMMVWH30  
 [MORE] Pendant mounted, formed white enamel steel housing, formed white  
 [MORE] enamel steel reflector trays, frosted linear ribbed plastic lower enclosure.  
 [MORE] 128 white LEDs, 4 Everline M10CC830D32N2S LED boards with 32 white LEDs each.  
 [MORE] One Everline D10CC55UNVTZ-C LED driver set at 553mA.  
 [MORE] 120.0Vac, 60.00Hz, 0.25A, 30.0W, 0.996PF, 4.6%THD(i)  
 [OTHER] Absolute test - lamp lumens value set to -1  
 [MORE] NA conventions used for C0 plane alignment and C-plane rotation direction.  
 [MORE] The sample was tested at a distance of 9.5m.  
 [MORE] This IES file created by LightLab/LSA Report program version 3.808a.  
 [DATE] This file extrapolated from LLIA000708-023A Tuesday, April 25, 2017  
 [ISSUEDATE] Monday, March 6, 2017 10:03:08 AM

**CHARACTERISTICS**

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3770
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	126
Total Luminaire Watts	30
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.20
Spacing Criterion (90-270)	1.32
Spacing Criterion (Diagonal)	1.38
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	1.20 m
Luminous Width (90-270)	0.19 m
Luminous Height	0.01 m

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**LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	4480	5071	5525
55	3964	4855	5548
65	3419	4672	5668
75	2817	4701	5898
85	2077	5521	6426

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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>
<b>0.0</b>	1269.092	1269.092	1269.092	1269.092	1269.092
<b>0.5</b>	1266.330	1266.610	1272.638	1271.339	1265.020
<b>1.0</b>	1266.227	1266.404	1272.386	1271.174	1265.009
<b>1.5</b>	1265.741	1266.107	1272.089	1270.962	1264.774
<b>2.0</b>	1265.289	1265.701	1271.660	1270.687	1264.494
<b>2.5</b>	1264.625	1265.094	1271.174	1270.236	1264.185
<b>3.0</b>	1263.836	1264.408	1270.493	1269.738	1263.830
<b>3.5</b>	1262.858	1263.493	1269.750	1269.029	1263.430
<b>4.0</b>	1261.777	1262.555	1268.869	1268.320	1262.812
<b>4.5</b>	1260.605	1261.468	1267.988	1267.616	1262.080
<b>5.0</b>	1259.204	1260.170	1266.850	1266.650	1261.406
<b>5.5</b>	1257.591	1258.769	1265.592	1265.666	1260.502
<b>6.0</b>	1256.064	1257.265	1264.259	1264.562	1259.615
<b>6.5</b>	1254.125	1255.601	1262.801	1263.396	1258.655
<b>7.0</b>	1252.135	1253.794	1261.217	1262.143	1257.562
<b>7.5</b>	1250.093	1251.901	1259.627	1260.719	1256.356
<b>8.0</b>	1247.852	1249.830	1257.854	1259.284	1255.149
<b>8.5</b>	1245.472	1247.628	1255.927	1257.757	1253.862
<b>9.0</b>	1242.945	1245.307	1253.937	1256.064	1252.432
<b>9.5</b>	1240.268	1242.910	1251.758	1254.360	1250.894
<b>10.0</b>	1237.420	1240.222	1249.544	1252.518	1249.270
<b>10.5</b>	1234.509	1237.626	1247.188	1250.591	1247.623
<b>11.0</b>	1231.329	1234.704	1244.786	1248.589	1245.964
<b>11.5</b>	1228.184	1231.678	1242.201	1246.450	1244.083
<b>12.0</b>	1224.747	1228.527	1239.519	1244.260	1242.155
<b>12.5</b>	1221.218	1225.296	1236.694	1241.984	1240.171
<b>13.0</b>	1217.569	1221.870	1233.783	1239.593	1238.015
<b>13.5</b>	1213.789	1218.347	1230.797	1237.134	1235.870
<b>14.0</b>	1209.797	1214.750	1227.738	1234.549	1233.646
<b>14.5</b>	1205.714	1210.953	1224.386	1231.861	1231.244
<b>15.0</b>	1201.539	1207.041	1221.161	1229.145	1228.807
<b>15.5</b>	1197.244	1202.980	1217.752	1226.262	1226.365
<b>16.0</b>	1192.709	1198.742	1214.149	1223.225	1223.706
<b>16.5</b>	1188.082	1194.493	1210.501	1220.297	1221.041
<b>17.0</b>	1183.387	1190.084	1206.766	1217.112	1218.296
<b>17.5</b>	1178.474	1185.566	1202.894	1213.863	1215.425
<b>18.0</b>	1173.442	1180.836	1198.925	1210.558	1212.479
<b>18.5</b>	1168.357	1176.038	1194.882	1207.207	1209.414
<b>19.0</b>	1162.993	1171.000	1190.633	1203.609	1206.274
<b>19.5</b>	1157.503	1165.990	1186.327	1200.035	1203.077
<b>20.0</b>	1152.001	1160.751	1181.940	1196.363	1199.806
<b>20.5</b>	1146.173	1155.427	1177.388	1192.514	1196.335
<b>21.0</b>	1140.483	1149.994	1172.795	1188.717	1192.932
<b>21.5</b>	1134.581	1144.441	1168.140	1184.702	1189.352
<b>22.0</b>	1128.410	1138.710	1163.302	1180.613	1185.657
<b>22.5</b>	1122.228	1132.882	1158.361	1176.484	1181.843
<b>23.0</b>	1115.937	1126.958	1153.334	1172.195	1178.091
<b>23.5</b>	1109.435	1120.838	1148.186	1167.866	1174.185
<b>24.0</b>	1102.863	1114.679	1142.965	1163.445	1170.216
<b>24.5</b>	1096.104	1108.382	1137.612	1158.938	1166.121
<b>25.0</b>	1089.275	1101.920	1132.190	1154.220	1161.889
<b>25.5</b>	1082.286	1095.394	1126.706	1149.565	1157.669
<b>26.0</b>	1075.321	1088.783	1121.096	1144.795	1153.316
<b>26.5</b>	1067.960	1081.932	1115.331	1139.911	1148.838

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**CANDELA TABULATION - (Cont.)**

27.0	1060.692	1075.063	1109.497	1134.901	1144.320
27.5	1053.234	1068.075	1103.567	1129.834	1139.717
28.0	1045.616	1060.857	1097.476	1124.670	1134.970
28.5	1037.930	1053.651	1091.408	1119.454	1130.263
29.0	1030.135	1046.291	1085.237	1114.118	1125.419
29.5	1022.174	1038.822	1078.804	1108.640	1120.341
30.0	1014.156	1031.279	1072.478	1103.195	1115.348
30.5	1006.075	1023.615	1066.050	1097.590	1110.258
31.0	997.640	1015.723	1059.342	1091.837	1105.031
31.5	989.273	1007.871	1052.754	1086.078	1099.695
32.0	980.826	999.950	1046.039	1080.279	1094.314
32.5	972.150	991.806	1039.102	1074.251	1088.795
33.0	963.423	983.657	1032.222	1068.241	1083.184
33.5	954.690	975.393	1025.245	1062.116	1077.505
34.0	945.614	967.009	1018.022	1055.842	1071.735
34.5	936.704	958.590	1010.930	1049.642	1065.873
35.0	927.588	950.046	1003.685	1043.260	1059.971
35.5	918.248	941.307	996.267	1036.672	1053.840
36.0	909.058	932.592	988.838	1030.112	1047.784
36.5	899.656	923.899	981.426	1023.541	1041.630
37.0	890.008	914.886	973.774	1016.741	1035.276
37.5	880.514	905.998	966.202	1009.993	1028.848
38.0	870.935	897.014	958.516	1003.107	1022.477
38.5	861.133	887.880	950.606	996.118	1015.877
39.0	851.422	878.736	942.834	989.118	1009.323
39.5	841.528	869.557	934.971	982.027	1002.615
40.0	831.451	860.201	926.867	974.758	995.827
40.5	821.546	850.953	918.837	967.558	988.970
41.0	811.600	841.585	910.751	960.312	982.067
41.5	801.346	832.126	902.487	952.785	975.009
42.0	791.258	822.638	894.269	945.396	967.935
42.5	781.233	813.190	885.942	937.905	960.861
43.0	770.950	803.491	877.495	930.293	953.569
43.5	760.879	793.997	869.082	922.641	946.317
44.0	750.567	784.372	860.612	914.989	938.934
44.5	740.102	774.587	851.874	907.119	931.408
45.0	729.979	764.968	843.347	899.387	923.967
45.5	719.799	755.360	834.694	891.552	916.373
46.0	709.339	745.460	825.869	883.488	908.669
46.5	699.033	735.721	817.096	875.545	901.063
47.0	688.751	726.039	808.364	867.589	893.331
47.5	678.365	716.150	799.339	859.428	885.444
48.0	668.031	706.354	790.463	851.348	877.563
48.5	657.656	696.563	781.541	843.181	869.637
49.0	647.299	686.675	772.442	834.814	861.625
49.5	637.085	676.929	763.452	826.676	853.635
50.0	626.808	667.127	754.376	818.383	845.583
50.5	616.422	657.107	745.191	809.971	837.410
51.0	606.237	647.397	736.098	801.598	829.244
51.5	596.109	637.709	727.005	793.260	821.083
52.0	585.711	627.780	717.683	784.727	812.739
52.5	575.612	617.989	708.498	776.251	804.440
53.0	565.438	608.193	699.354	767.713	796.091
53.5	555.223	598.322	689.946	759.089	787.724
54.0	545.238	588.617	680.744	750.630	779.385
54.5	535.224	578.877	671.468	742.109	770.978

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**CANDELA TABULATION - (Cont.)**

55.0	525.119	568.972	661.963	733.365	762.366
55.5	515.270	559.335	652.835	724.912	754.027
56.0	505.377	549.699	643.582	716.288	745.512
56.5	495.288	539.805	634.140	707.566	736.956
57.0	485.509	530.197	624.806	698.936	728.509
57.5	475.701	520.561	615.502	690.352	719.925
58.0	465.824	510.861	606.060	681.642	711.163
58.5	456.296	501.310	596.755	673.035	702.539
59.0	446.591	491.743	587.490	664.388	693.823
59.5	436.914	482.100	578.122	655.649	684.885
60.0	427.381	472.664	568.903	647.008	676.203
60.5	417.945	463.228	559.673	638.320	667.356
61.0	408.359	453.591	550.311	629.439	658.388
61.5	399.060	444.195	541.120	620.672	649.530
62.0	389.687	434.856	531.981	611.916	640.648
62.5	380.233	425.465	522.722	602.994	631.475
63.0	371.100	416.172	513.663	594.193	622.456
63.5	361.973	406.890	504.650	585.357	613.277
64.0	352.794	397.642	495.546	576.378	604.241
64.5	343.826	388.520	486.618	567.508	595.331
65.0	334.847	379.421	477.760	558.643	586.266
65.5	325.731	370.219	468.701	549.584	576.950
66.0	316.953	361.183	459.882	540.709	567.782
66.5	308.174	352.273	451.092	531.913	558.775
67.0	299.407	343.254	442.164	522.945	549.584
67.5	290.743	334.476	433.363	514.047	540.480
68.0	282.198	325.680	424.636	505.222	531.055
68.5	273.660	316.970	415.800	496.363	521.333
69.0	265.247	308.334	407.153	487.591	511.891
69.5	256.989	299.779	398.431	478.480	502.580
70.0	248.542	291.177	389.595	469.192	492.909
70.5	240.404	282.822	381.000	460.179	483.027
71.0	232.226	274.501	372.450	451.218	473.202
71.5	224.133	266.157	363.946	441.976	463.290
72.0	216.241	257.990	355.504	432.619	453.597
72.5	208.429	249.960	347.160	423.326	443.508
73.0	200.565	241.874	338.834	414.141	432.911
73.5	192.913	234.016	330.638	404.859	422.743
74.0	185.313	226.169	322.243	395.074	412.609
74.5	177.672	218.437	313.967	385.392	402.006
75.0	170.312	210.922	305.772	376.024	391.060
75.5	163.106	203.533	297.663	366.496	380.159
76.0	155.751	196.053	289.307	356.145	369.476
76.5	148.717	188.847	281.192	346.188	358.473
77.0	141.785	181.704	273.185	336.472	346.800
77.5	134.751	174.544	264.904	326.223	335.385
78.0	128.031	167.550	256.766	315.563	324.662
78.5	121.300	160.578	248.805	305.372	313.075
79.0	114.689	153.704	240.484	295.198	300.779
79.5	108.141	147.053	232.317	284.372	289.713
80.0	101.787	140.482	224.333	273.580	278.876
80.5	95.524	133.928	216.058	263.234	266.774
81.0	89.308	127.648	207.794	252.740	255.485
81.5	83.332	121.363	199.725	241.931	245.345
82.0	77.327	115.186	191.289	231.843	234.496
82.5	71.465	109.130	183.077	221.903	223.476

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**CANDELA TABULATION - (Cont.)**

83.0	65.728	103.148	174.956	211.369	213.410
83.5	60.090	97.154	166.594	201.469	203.511
84.0	54.622	91.332	158.862	191.941	193.279
84.5	49.195	85.636	150.827	181.876	183.706
85.0	43.882	79.900	142.815	172.588	174.521
85.5	38.758	74.318	134.997	163.529	165.216
86.0	33.645	68.857	127.088	154.224	156.363
86.5	28.578	63.441	119.321	145.669	147.905
87.0	23.671	58.208	111.469	137.124	139.309
87.5	18.867	53.095	104.046	128.557	131.354
88.0	14.109	48.017	96.394	120.797	123.702
88.5	9.534	42.978	89.285	112.739	115.735
89.0	5.216	38.134	82.062	105.378	108.684
89.5	0.000	33.216	75.165	97.915	101.192
90.0	0.000	28.532	68.319	90.783	94.449
90.5	0.000	23.888	61.822	84.001	87.844
91.0	0.000	19.359	55.480	77.109	81.113
91.5	0.000	15.098	49.303	70.693	74.953
92.0	0.000	10.992	43.327	64.493	68.605
92.5	0.000	7.086	37.557	58.197	62.709
93.0	0.000	3.460	32.044	52.369	56.830
93.5	0.000	0.000	26.788	46.633	51.191
94.0	0.000	0.000	21.624	41.022	45.741
94.5	0.000	0.000	16.808	35.704	40.382
95.0	0.000	0.000	12.153	30.385	35.258
95.5	0.000	0.000	7.629	25.232	30.151
96.0	0.000	0.000	3.752	20.360	25.301
96.5	0.000	0.000	0.000	15.722	20.588
97.0	0.000	0.000	0.000	11.135	16.110
97.5	0.000	0.000	0.000	6.943	11.821
98.0	0.000	0.000	0.000	3.580	7.772
98.5	0.000	0.000	0.000	0.000	4.352
99.0	0.000	0.000	0.000	0.000	0.000
99.5	0.000	0.000	0.000	0.000	0.000
100.0	0.000	0.000	0.000	0.000	0.000
100.5	0.000	0.000	0.000	0.000	0.000
101.0	0.000	0.000	0.000	0.000	0.000
101.5	0.000	0.000	0.000	0.000	0.000
102.0	0.000	0.000	0.000	0.000	0.000
102.5	0.000	0.000	0.000	0.000	0.000
103.0	0.000	0.000	0.000	0.000	0.000
103.5	0.000	0.000	0.000	0.000	0.000
104.0	0.000	0.000	0.000	0.000	0.000
104.5	0.000	0.000	0.000	0.000	0.000
105.0	0.000	0.000	0.000	0.000	0.000
105.5	0.000	0.000	0.000	0.000	0.000
106.0	0.000	0.000	0.000	0.000	0.000
106.5	0.000	0.000	0.000	0.000	0.000
107.0	0.000	0.000	0.000	0.000	0.000
107.5	0.000	0.000	0.000	0.000	0.000
108.0	0.000	0.000	0.000	0.000	0.000
108.5	0.000	0.000	0.000	0.000	0.000
109.0	0.000	0.000	0.000	0.000	0.000
109.5	0.000	0.000	0.000	0.000	0.000
110.0	0.000	0.000	0.000	0.000	0.000
110.5	0.000	0.000	0.000	0.000	0.000

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**CANDELA TABULATION - (Cont.)**

111.0	0.000	0.000	0.000	0.000	0.000
111.5	0.000	0.000	0.000	0.000	0.000
112.0	0.000	0.000	0.000	0.000	0.000
112.5	0.000	0.000	0.000	0.000	0.000
113.0	0.000	0.000	0.000	0.000	0.000
113.5	0.000	0.000	0.000	0.000	0.000
114.0	0.000	0.000	0.000	0.000	0.000
114.5	0.000	0.000	0.000	0.000	0.000
115.0	0.000	0.000	0.000	0.000	0.000
115.5	0.000	0.000	0.000	0.000	0.000
116.0	0.000	0.000	0.000	0.000	0.000
116.5	0.000	0.000	0.000	0.000	0.000
117.0	0.000	0.000	0.000	0.000	0.000
117.5	0.000	0.000	0.000	0.000	0.000
118.0	0.000	0.000	0.000	0.000	0.000
118.5	0.000	0.000	0.000	0.000	0.000
119.0	0.000	0.000	0.000	0.000	0.000
119.5	0.000	0.000	0.000	0.000	0.000
120.0	0.000	0.000	0.000	0.000	0.000
120.5	0.000	0.000	0.000	0.000	0.000
121.0	0.000	0.000	0.000	0.000	0.000
121.5	0.000	0.000	0.000	0.000	0.000
122.0	0.000	0.000	0.000	0.000	0.000
122.5	0.000	0.000	0.000	0.000	0.000
123.0	0.000	0.000	0.000	0.000	0.000
123.5	0.000	0.000	0.000	0.000	0.000
124.0	0.000	0.000	0.000	0.000	0.000
124.5	0.000	0.000	0.000	0.000	0.000
125.0	0.000	0.000	0.000	0.000	0.000
125.5	0.000	0.000	0.000	0.000	0.000
126.0	0.000	0.000	0.000	0.000	0.000
126.5	0.000	0.000	0.000	0.000	0.000
127.0	0.000	0.000	0.000	0.000	0.000
127.5	0.000	0.000	0.000	0.000	0.000
128.0	0.000	0.000	0.000	0.000	0.000
128.5	0.000	0.000	0.000	0.000	0.000
129.0	0.000	0.000	0.000	0.000	0.000
129.5	0.000	0.000	0.000	0.000	0.000
130.0	0.000	0.000	0.000	0.000	0.000
130.5	0.000	0.000	0.000	0.000	0.000
131.0	0.000	0.000	0.000	0.000	0.000
131.5	0.000	0.000	0.000	0.000	0.000
132.0	0.000	0.000	0.000	0.000	0.000
132.5	0.000	0.000	0.000	0.000	0.000
133.0	0.000	0.000	0.000	0.000	0.000
133.5	0.000	0.000	0.000	0.000	0.000
134.0	0.000	0.000	0.000	0.000	0.000
134.5	0.000	0.000	0.000	0.000	0.000
135.0	0.000	0.000	0.000	0.000	0.000
135.5	0.000	0.000	0.000	0.000	0.000
136.0	0.000	0.000	0.000	0.000	0.000
136.5	0.000	0.000	0.000	0.000	0.000
137.0	0.000	0.000	0.000	0.000	0.000
137.5	0.000	0.000	0.000	0.000	0.000
138.0	0.000	0.000	0.000	0.000	0.000
138.5	0.000	0.000	0.000	0.000	0.000

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LDA48LED30RFDMMVWH30.IES**

**CANDELA TABULATION - (Cont.)**

139.0	0.000	0.000	0.000	0.000	0.000
139.5	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000
140.5	0.000	0.000	0.000	0.000	0.000
141.0	0.000	0.000	0.000	0.000	0.000
141.5	0.000	0.000	0.000	0.000	0.000
142.0	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000
143.0	0.000	0.000	0.000	0.000	0.000
143.5	0.000	0.000	0.000	0.000	0.000
144.0	0.000	0.000	0.000	0.000	0.000
144.5	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000
145.5	0.000	0.000	0.000	0.000	0.000
146.0	0.000	0.000	0.000	0.000	0.000
146.5	0.000	0.000	0.000	0.000	0.000
147.0	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000
148.0	0.000	0.000	0.000	0.000	0.000
148.5	0.000	0.000	0.000	0.000	0.000
149.0	0.000	0.000	0.000	0.000	0.000
149.5	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000
150.5	0.000	0.000	0.000	0.000	0.000
151.0	0.000	0.000	0.000	0.000	0.000
151.5	0.000	0.000	0.000	0.000	0.000
152.0	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000
153.0	0.000	0.000	0.000	0.000	0.000
153.5	0.000	0.000	0.000	0.000	0.000
154.0	0.000	0.000	0.000	0.000	0.000
154.5	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000
155.5	0.000	0.000	0.000	0.000	0.000
156.0	0.000	0.000	0.000	0.000	0.000
156.5	0.000	0.000	0.000	0.000	0.000
157.0	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000
158.0	0.000	0.000	0.000	0.000	0.000
158.5	0.000	0.000	0.000	0.000	0.000
159.0	0.000	0.000	0.000	0.000	0.000
159.5	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000
160.5	0.000	0.000	0.000	0.000	0.000
161.0	0.000	0.000	0.000	0.000	0.000
161.5	0.000	0.000	0.000	0.000	0.000
162.0	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000
163.0	0.000	0.000	0.000	0.000	0.000
163.5	0.000	0.000	0.000	0.000	0.000
164.0	0.000	0.000	0.000	0.000	0.000
164.5	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000
165.5	0.000	0.000	0.000	0.000	0.000
166.0	0.000	0.000	0.000	0.000	0.000
166.5	0.000	0.000	0.000	0.000	0.000



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LDA48LED30RFDMMVWH30.IES**

**CANDELA TABULATION - (Cont.)**

167.0	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000
168.0	0.000	0.000	0.000	0.000	0.000
168.5	0.000	0.000	0.000	0.000	0.000
169.0	0.000	0.000	0.000	0.000	0.000
169.5	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000
170.5	0.000	0.000	0.000	0.000	0.000
171.0	0.000	0.000	0.000	0.000	0.000
171.5	0.000	0.000	0.000	0.000	0.000
172.0	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000
173.0	0.000	0.000	0.000	0.000	0.000
173.5	0.000	0.000	0.000	0.000	0.000
174.0	0.000	0.000	0.000	0.000	0.000
174.5	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000
175.5	0.000	0.000	0.000	0.000	0.000
176.0	0.000	0.000	0.000	0.000	0.000
176.5	0.000	0.000	0.000	0.000	0.000
177.0	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000
178.0	0.000	0.000	0.000	0.000	0.000
178.5	0.000	0.000	0.000	0.000	0.000
179.0	0.000	0.000	0.000	0.000	0.000
179.5	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LDA48LED30RFD MVWH30.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	463.80	N.A.	12.30
0-30	983.74	N.A.	26.10
0-40	1607.62	N.A.	42.60
0-60	2834.06	N.A.	75.20
0-80	3608.53	N.A.	95.70
0-90	3748.36	N.A.	99.40
10-90	3628.3	N.A.	96.20
20-40	1143.83	N.A.	30.30
20-50	1786.91	N.A.	47.40
40-70	1691.19	N.A.	44.90
60-80	774.47	N.A.	20.50
70-80	309.71	N.A.	8.20
80-90	139.83	N.A.	3.70
90-110	21.48	N.A.	0.60
90-120	21.48	N.A.	0.60
90-130	21.48	N.A.	0.60
90-150	21.48	N.A.	0.60
90-180	21.48	N.A.	0.60
110-180	0.00	N.A.	0.00
0-180	3769.84	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	120.06
10-20	343.73
20-30	519.95
30-40	623.88
40-50	643.08
50-60	583.35
60-70	464.76
70-80	309.71
80-90	139.83
90-100	21.48
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

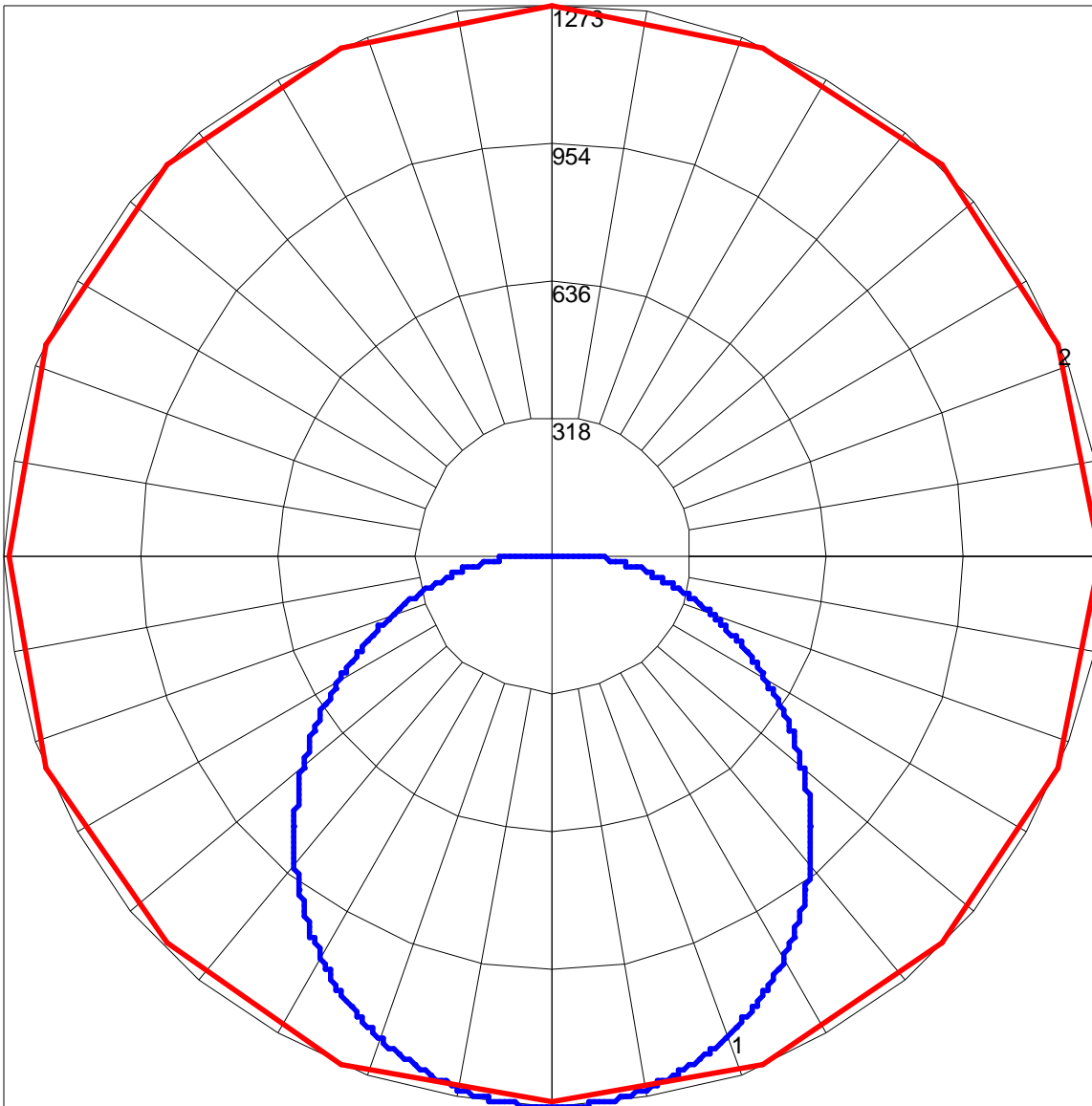
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LDA48LED30RFD MVWH30.IES**

**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

Effective Floor Cavity Reflectance 0.20

RC RW	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	99
1	108	102	98	94	105	100	96	92	96	92	89	92	89	86	88	86	83	81
2	98	89	82	76	95	87	80	75	83	78	73	80	75	71	77	73	69	67
3	89	78	69	62	86	76	68	62	73	66	61	70	64	59	67	63	58	56
4	81	69	60	53	79	67	59	52	65	57	52	62	56	51	60	55	50	48
5	75	61	52	45	72	60	52	45	58	50	44	56	49	44	54	48	43	41
6	69	55	46	40	67	54	46	39	52	45	39	51	44	38	49	43	38	36
7	64	50	41	35	62	49	41	35	48	40	34	46	39	34	45	38	34	32
8	59	46	37	31	58	45	37	31	44	36	31	42	35	30	41	35	30	28
9	56	42	34	28	54	41	33	28	40	33	28	39	32	27	38	32	27	25
10	52	39	31	25	51	38	30	25	37	30	25	36	30	25	35	29	25	23

POLAR GRAPH



Maximum Candela = 1272.638 Located At Horizontal Angle = 45, Vertical Angle = .5  
# 1 - Vertical Plane Through Horizontal Angles (45 - 225) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)