



**IES INDOOR REPORT**

**PHOTOMETRIC FILENAME : 44-48LED30DMV50.IES**

**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
 [TEST] LLIA000657-017  
 [TESTLAB] LightLab International Allentown, LLC  
 [MANUFAC] Mobern Lighting Co., 8200 Stayton Drive, Jessup, MD 20794, USA  
 [LUMCAT] 44-48LED30DMV50  
 [LUMINAIRE] Catalog Number: 44-48LED30DMV50  
 [MORE] Surface/pendant mounted, white formed steel housing and LED tray.  
 [MORE] 128 white LEDs, four Universal Lighting Technologies Everline  
 [MORE] M10CC830D32N2S boards with 32 LED each. One Universal Lighting  
 [MORE] Technologies Everline D10CC55UNVTZ-C  
 [MORE] 120.0Vac, 60.0Hz, 0.2500A, 30W, 0.998PF, 5.07%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 created: Wednesday, October 12, 2016 3:15:29 PM  
 [ISSUE DATE] Wednesday, October 12, 2016 3:15:29 PM

**CHARACTERISTICS**

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	4442
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	148
Total Luminaire Watts	30
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.30
Spacing Criterion (90-270)	1.30
Spacing Criterion (Diagonal)	1.42
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	1.22 m
Luminous Width (90-270)	0.11 m
Luminous Height	0.00 m

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 44-48LED30DMV50.IES**

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

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	10615	10554	10363
55	10423	10265	10023
65	9819	9470	9053
75	8279	7209	7152
85	4527	3588	3450

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 44-48LED30DMV50.IES**

**CANDELA TABULATION**

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	1497.061	1497.061	1497.061	1497.061	1497.061
0.5	1485.156	1492.982	1502.355	1502.469	1495.268
1.0	1484.939	1492.898	1502.120	1502.174	1495.166
1.5	1484.627	1492.447	1501.838	1501.928	1494.847
2.0	1484.248	1492.032	1501.471	1501.495	1494.414
2.5	1483.748	1491.581	1500.989	1500.923	1493.897
3.0	1483.123	1490.955	1500.370	1500.280	1493.313
3.5	1482.244	1490.167	1499.636	1499.516	1492.597
4.0	1481.360	1489.403	1498.842	1498.577	1491.695
4.5	1480.380	1488.429	1497.945	1497.645	1490.895
5.0	1479.213	1487.382	1496.833	1496.532	1489.830
5.5	1477.901	1486.173	1495.708	1495.317	1488.513
6.0	1476.608	1484.994	1494.348	1493.951	1487.250
6.5	1475.200	1483.574	1492.946	1492.579	1485.962
7.0	1473.672	1482.130	1491.394	1491.069	1484.362
7.5	1471.801	1480.608	1489.752	1489.421	1482.768
8.0	1470.105	1478.930	1488.020	1487.622	1481.053
8.5	1468.390	1477.173	1486.040	1485.746	1479.164
9.0	1466.447	1475.254	1484.001	1483.821	1477.191
9.5	1464.372	1473.227	1481.950	1481.715	1475.236
10.0	1462.092	1471.019	1479.646	1479.489	1472.914
10.5	1459.818	1468.721	1477.354	1477.047	1470.664
11.0	1457.454	1466.363	1474.953	1474.605	1468.234
11.5	1454.957	1463.818	1472.379	1472.006	1465.605
12.0	1452.455	1461.232	1469.810	1469.317	1463.048
12.5	1449.808	1458.585	1467.109	1466.435	1460.287
13.0	1446.986	1455.673	1464.209	1463.433	1457.297
13.5	1444.111	1452.653	1461.286	1460.293	1454.344
14.0	1441.278	1449.615	1458.254	1457.123	1451.318
14.5	1438.222	1446.385	1455.084	1453.742	1447.901
15.0	1435.129	1443.281	1451.733	1450.337	1444.725
15.5	1431.767	1440.159	1448.292	1446.908	1441.314
16.0	1428.193	1436.663	1444.779	1443.215	1437.692
16.5	1424.548	1433.096	1441.368	1439.569	1434.029
17.0	1420.764	1429.415	1437.812	1435.647	1430.311
17.5	1416.764	1425.631	1433.908	1431.652	1426.359
18.0	1412.926	1421.630	1430.052	1427.568	1422.334
18.5	1408.793	1417.558	1426.064	1423.429	1418.213
19.0	1404.654	1413.244	1421.955	1419.182	1414.081
19.5	1400.629	1408.979	1417.714	1414.778	1409.731
20.0	1396.527	1404.624	1413.425	1410.230	1405.274
20.5	1392.322	1400.178	1408.925	1405.526	1400.684
21.0	1387.852	1395.787	1404.437	1400.756	1396.064
21.5	1383.479	1391.179	1399.769	1395.973	1391.155
22.0	1378.841	1386.306	1395.047	1391.010	1386.360
22.5	1373.860	1381.367	1390.264	1385.903	1381.433
23.0	1369.005	1376.260	1385.332	1380.705	1376.344
23.5	1364.084	1371.219	1380.146	1375.327	1371.104
24.0	1359.109	1366.063	1375.051	1369.967	1365.859
24.5	1354.116	1360.896	1369.853	1364.391	1360.427
25.0	1348.600	1355.494	1364.301	1358.754	1354.754
25.5	1343.125	1350.158	1358.658	1352.895	1349.177
26.0	1337.591	1344.683	1352.895	1347.108	1343.534
26.5	1331.930	1338.908	1347.150	1341.080	1337.549

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 44-48LED30DMV50.IES**

**CANDELA TABULATION - (Cont.)**

27.0	1326.167	1333.145	1341.411	1335.179	1331.617
27.5	1320.187	1327.280	1335.461	1329.061	1325.572
28.0	1314.064	1321.180	1329.367	1322.684	1319.369
28.5	1308.403	1315.249	1323.117	1316.331	1313.071
29.0	1302.357	1309.293	1316.861	1309.792	1306.706
29.5	1296.046	1302.965	1310.298	1303.121	1300.107
30.0	1289.712	1296.726	1303.771	1296.431	1293.616
30.5	1283.257	1290.163	1297.099	1289.628	1286.879
31.0	1276.550	1283.420	1290.097	1282.577	1280.027
31.5	1270.119	1276.682	1283.239	1275.575	1273.097
32.0	1263.363	1269.860	1276.351	1268.495	1266.106
32.5	1256.259	1262.834	1269.132	1261.155	1258.942
33.0	1249.353	1255.850	1261.956	1253.882	1251.627
33.5	1242.320	1248.577	1254.689	1246.622	1244.299
34.0	1234.945	1241.027	1247.301	1239.150	1236.774
34.5	1227.666	1233.483	1239.776	1231.660	1229.344
35.0	1220.357	1225.819	1232.202	1224.063	1221.704
35.5	1212.783	1218.119	1224.424	1216.092	1213.595
36.0	1205.258	1210.311	1216.657	1208.169	1205.811
36.5	1197.407	1202.400	1208.897	1200.162	1197.924
37.0	1189.238	1194.104	1200.758	1191.909	1189.653
37.5	1181.219	1185.941	1192.697	1183.685	1181.490
38.0	1173.182	1177.670	1184.353	1175.275	1173.104
38.5	1165.019	1168.851	1176.124	1166.661	1164.634
39.0	1156.717	1160.332	1167.828	1158.088	1156.218
39.5	1148.331	1151.579	1159.418	1149.342	1147.411
40.0	1139.416	1142.778	1150.785	1140.529	1138.531
40.5	1130.494	1134.254	1141.936	1131.692	1129.779
41.0	1121.531	1125.405	1133.177	1122.710	1120.851
41.5	1112.363	1116.141	1124.076	1113.530	1111.786
42.0	1103.267	1107.551	1115.106	1104.416	1102.630
42.5	1093.769	1098.695	1106.137	1095.134	1093.372
43.0	1084.619	1089.558	1096.927	1085.641	1083.879
43.5	1075.216	1080.348	1087.524	1076.173	1074.585
44.0	1065.561	1071.119	1078.007	1066.566	1064.923
44.5	1055.599	1061.567	1068.226	1056.622	1055.226
45.0	1046.118	1052.062	1058.655	1046.930	1045.553
45.5	1036.258	1042.834	1048.994	1036.950	1035.735
46.0	1026.248	1032.992	1039.098	1026.778	1025.623
46.5	1016.467	1023.421	1029.166	1016.804	1015.619
47.0	1006.739	1013.657	1019.072	1006.577	1005.560
47.5	996.525	1003.683	1008.833	996.001	995.249
48.0	986.076	993.667	998.751	985.660	984.830
48.5	975.620	983.573	988.416	975.157	974.459
49.0	965.063	973.364	977.617	964.437	963.709
49.5	954.962	963.252	967.126	953.681	953.242
50.0	944.513	952.815	956.196	942.805	942.516
50.5	933.817	942.299	945.085	931.772	931.555
51.0	923.073	931.940	934.322	920.998	920.727
51.5	912.395	921.479	923.254	909.887	909.820
52.0	901.405	910.500	911.842	898.487	898.517
52.5	890.191	899.570	900.568	887.220	887.382
53.0	879.525	888.681	889.283	875.934	876.133
53.5	868.366	877.498	877.655	864.414	864.522
54.0	856.942	866.315	866.153	852.864	853.129
54.5	845.675	854.861	854.452	841.223	841.392

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 44-48LED30DMV50.IES**

**CANDELA TABULATION - (Cont.)**

55.0	834.059	843.136	842.324	829.234	829.318
55.5	822.779	831.899	830.341	817.546	817.257
56.0	810.928	820.271	818.430	805.683	805.129
56.5	798.975	808.251	806.140	793.351	792.472
57.0	787.100	796.172	793.808	781.054	779.923
57.5	775.021	784.333	781.572	768.668	767.032
58.0	762.719	772.019	768.873	755.939	753.803
58.5	750.429	760.018	756.252	743.101	740.491
59.0	738.247	747.679	743.348	729.933	727.015
59.5	725.457	735.233	730.547	716.392	713.270
60.0	712.939	722.979	717.757	702.898	699.716
60.5	700.264	710.406	704.643	689.074	686.139
61.0	687.191	697.436	691.384	674.925	672.086
61.5	674.095	684.755	678.150	661.005	658.298
62.0	661.174	671.755	664.915	647.109	644.468
62.5	647.518	658.376	651.242	632.954	630.367
63.0	634.253	645.130	637.742	618.847	616.555
63.5	620.929	631.486	623.792	604.590	602.785
64.0	607.213	617.626	609.571	590.086	588.961
64.5	593.822	604.067	595.368	575.943	575.480
65.0	579.980	590.092	580.708	561.878	561.896
65.5	566.474	575.895	565.404	547.681	547.982
66.0	552.644	561.710	549.733	533.713	534.327
66.5	538.904	547.603	533.833	519.841	520.629
67.0	525.032	533.196	517.555	505.704	506.739
67.5	511.286	519.059	501.505	491.651	492.860
68.0	497.474	504.687	485.473	477.394	478.982
68.5	483.470	490.195	469.285	462.890	464.959
69.0	469.646	475.872	453.139	448.801	450.973
69.5	455.515	461.410	436.968	434.394	436.968
70.0	441.312	446.768	420.714	419.788	422.699
70.5	427.175	432.384	405.362	405.416	408.755
71.0	413.008	417.971	390.533	391.033	394.630
71.5	398.648	403.112	375.626	376.420	380.343
72.0	384.596	388.632	361.399	362.145	366.302
72.5	370.712	374.261	347.184	347.978	352.334
73.0	356.388	359.799	332.909	333.697	338.179
73.5	342.450	345.554	319.163	319.722	324.288
74.0	328.295	331.200	305.453	305.766	310.194
74.5	314.272	316.739	292.110	291.948	296.315
75.0	300.635	302.650	279.110	278.497	282.624
75.5	286.997	288.320	266.159	265.118	269.124
76.0	273.191	273.744	253.171	251.781	255.366
76.5	259.583	259.469	240.448	238.799	242.072
77.0	246.006	245.068	227.791	226.082	228.982
77.5	232.182	230.660	215.115	213.425	215.837
78.0	218.713	216.673	202.627	201.057	203.042
78.5	205.310	202.910	190.138	188.809	190.577
79.0	192.220	189.188	177.782	176.633	178.065
79.5	179.430	176.236	165.702	164.854	166.232
80.0	166.888	163.429	153.797	153.352	154.387
80.5	154.333	150.302	142.217	141.820	142.632
81.0	142.181	137.886	130.926	130.872	131.461
81.5	130.348	125.650	120.037	120.182	120.633
82.0	118.648	112.993	109.347	109.612	109.973
82.5	107.476	101.479	99.030	99.452	99.819

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 44-48LED30DMV50.IES**

**CANDELA TABULATION - (Cont.)**

83.0	96.353	90.326	89.141	89.682	89.953
83.5	85.694	79.094	79.528	80.159	80.418
84.0	75.473	69.307	70.450	71.148	71.503
84.5	65.830	60.331	61.829	62.425	62.635
85.0	56.397	51.729	53.594	53.901	54.370
85.5	47.765	43.945	45.984	46.164	46.465
86.0	39.722	36.714	38.879	38.699	39.379
86.5	31.979	29.928	31.979	32.184	32.743
87.0	25.398	23.949	25.729	26.379	26.680
87.5	19.088	18.462	20.285	20.941	21.151
88.0	13.277	13.433	15.406	16.303	16.519
88.5	8.386	9.174	11.370	12.440	12.428
89.0	4.572	5.751	8.043	8.969	8.945
89.5	0.000	3.375	5.607	6.431	6.359
90.0	0.000	0.000	3.856	4.632	4.572
90.5	0.000	0.000	0.000	3.273	3.146
91.0	0.000	0.000	0.000	0.000	0.000
91.5	0.000	0.000	0.000	0.000	0.000
92.0	0.000	0.000	0.000	0.000	0.000
92.5	0.000	0.000	0.000	0.000	0.000
93.0	0.000	0.000	0.000	0.000	0.000
93.5	0.000	0.000	0.000	0.000	0.000
94.0	0.000	0.000	0.000	0.000	0.000
94.5	0.000	0.000	0.000	0.000	0.000
95.0	0.000	0.000	0.000	0.000	0.000
95.5	0.000	0.000	0.000	0.000	0.000
96.0	0.000	0.000	0.000	0.000	0.000
96.5	0.000	0.000	0.000	0.000	0.000
97.0	0.000	0.000	0.000	0.000	0.000
97.5	0.000	0.000	0.000	0.000	0.000
98.0	0.000	0.000	0.000	0.000	0.000
98.5	0.000	0.000	0.000	0.000	0.000
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

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 44-48LED30DMV50.IES**

**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 : 44-48LED30DMV50.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 : 44-48LED30DMV50.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 : 44-48LED30DMV50.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	550.26	N.A.	12.40
0-30	1176.21	N.A.	26.50
0-40	1943.03	N.A.	43.70
0-60	3500.18	N.A.	78.80
0-80	4373.66	N.A.	98.50
0-90	4441.77	N.A.	100.00
10-90	4299.95	N.A.	96.80
20-40	1392.78	N.A.	31.40
20-50	2203.22	N.A.	49.60
40-70	2125.18	N.A.	47.80
60-80	873.48	N.A.	19.70
70-80	305.45	N.A.	6.90
80-90	68.10	N.A.	1.50
90-110	0.14	N.A.	0.00
90-120	0.14	N.A.	0.00
90-130	0.14	N.A.	0.00
90-150	0.14	N.A.	0.00
90-180	0.14	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	4441.91	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	141.82
10-20	408.44
20-30	625.95
30-40	766.83
40-50	810.44
50-60	746.71
60-70	568.03
70-80	305.45
80-90	68.10
90-100	0.14
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

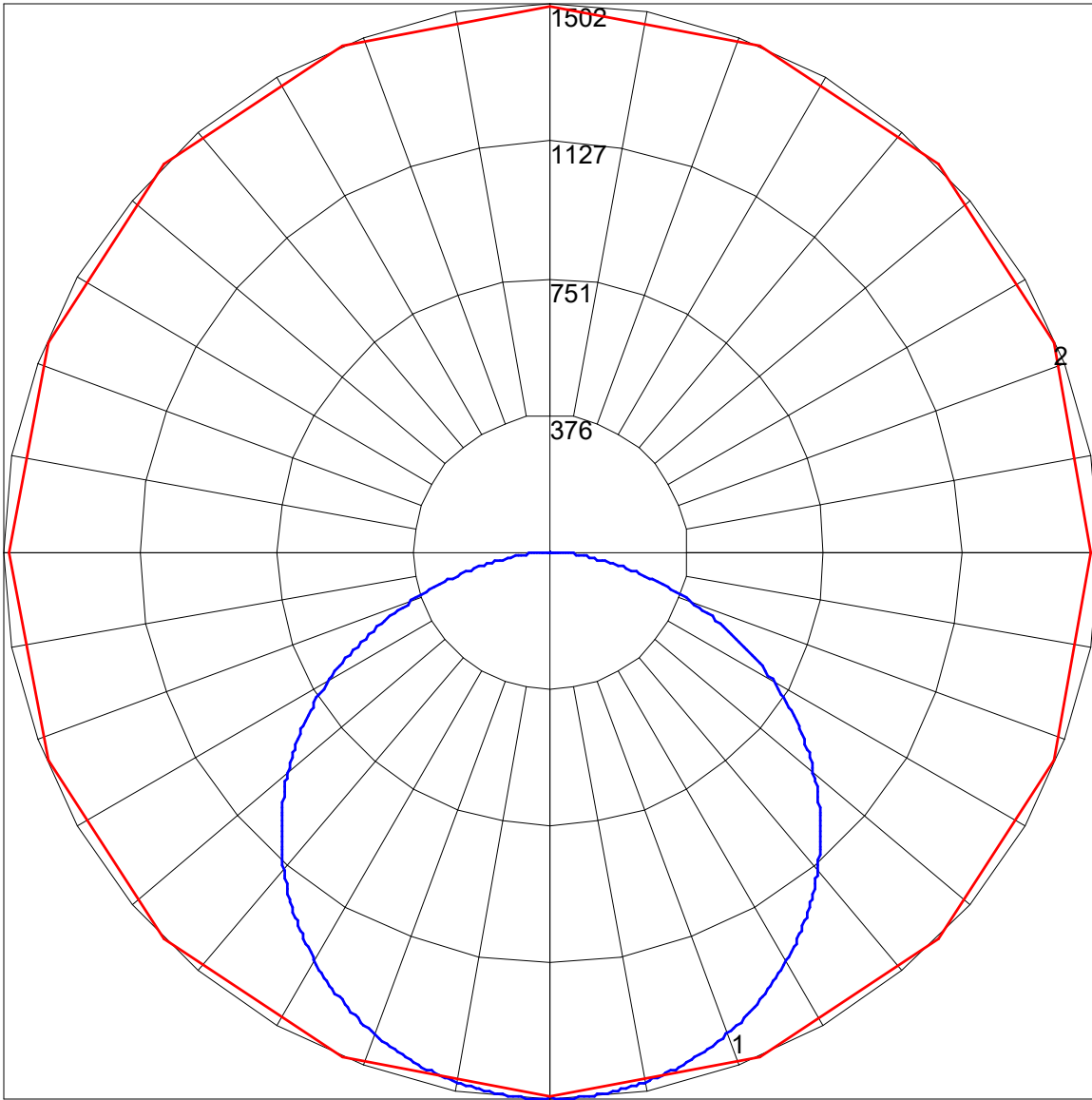
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 44-48LED30DMV50.IES**

**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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	
1	109	104	100	96	106	102	98	94	97	94	91	94	91	88	90	88	86	84	
2	99	90	84	78	96	89	82	77	85	80	75	82	77	73	79	75	72	70	
3	90	79	71	64	87	78	70	64	75	68	63	72	66	62	69	65	61	58	
4	82	70	61	54	80	69	60	54	66	59	53	64	58	52	62	56	52	50	
5	75	62	53	47	73	61	53	46	59	52	46	57	51	45	55	50	45	43	
6	70	56	47	41	68	55	47	40	53	46	40	52	45	40	50	44	39	37	
7	64	51	42	36	63	50	42	36	48	41	35	47	40	35	46	39	35	33	
8	60	46	38	32	58	46	37	32	44	37	31	43	36	31	42	36	31	29	
9	56	42	34	29	55	42	34	28	41	33	28	40	33	28	39	32	28	26	
10	52	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	25	24	

POLAR GRAPH



Maximum Candela = 1502.469 Located At Horizontal Angle = 67.5, Vertical Angle = .5  
# 1 - Vertical Plane Through Horizontal Angles (67.5 - 247.5) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)