



**IES INDOOR REPORT**

**PHOTOMETRIC FILENAME : 44-48LED35DMV40.IES**

**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
 [TEST] LLIA000657-017- Extrapolated  
 [TESTLAB] LightLab International Allentown, LLC  
 [MANUFAC] Mobern Lighting Co., 8200 Stayton Drive, Jessup, MD 20794, USA  
 [LUMCAT] 44-48LED35DMV40  
 [LUMINAIRE] Catalog Number: 44-48LED35DMV40  
 [MORE] Surface/pendant mounted, white formed steel housing and LED tray.  
 [MORE] 128 white LEDs, four Universal Lighting Technologies Everline  
 [MORE] M10CC840D32N2S boards with 32 LED each. One Universal Lighting  
 [MORE] Technologies Everline D10CC55UNVTZ-C LED driver set at 637mA.  
 [MORE] 120.0Vac, 60.0Hz, 0.2917A, 35.0W, 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 extrapolated from LLIA000654-017  
 [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	4920
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	141
Total Luminaire Watts	35
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 : 44-48LED35DMV40.IES**

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

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	11758	11690	11478
55	11544	11369	11102
65	10876	10489	10027
75	9170	7985	7922
85	5014	3975	3821

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 44-48LED35DMV40.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	1658.148	1658.148	1658.148	1658.148	1658.148
0.5	1644.961	1653.630	1664.011	1664.138	1656.162
1.0	1644.722	1653.537	1663.751	1663.811	1656.049
1.5	1644.375	1653.037	1663.438	1663.538	1655.696
2.0	1643.955	1652.577	1663.031	1663.058	1655.216
2.5	1643.402	1652.078	1662.498	1662.425	1654.643
3.0	1642.709	1651.385	1661.812	1661.712	1653.996
3.5	1641.737	1650.512	1660.999	1660.866	1653.204
4.0	1640.757	1649.666	1660.120	1659.827	1652.204
4.5	1639.671	1648.586	1659.127	1658.794	1651.318
5.0	1638.378	1647.427	1657.894	1657.561	1650.139
5.5	1636.926	1646.087	1656.648	1656.215	1648.679
6.0	1635.493	1644.782	1655.143	1654.703	1647.280
6.5	1633.934	1643.209	1653.590	1653.184	1645.854
7.0	1632.242	1641.610	1651.871	1651.511	1644.082
7.5	1630.170	1639.924	1650.052	1649.686	1642.316
8.0	1628.291	1638.065	1648.133	1647.693	1640.417
8.5	1626.392	1636.120	1645.941	1645.614	1638.325
9.0	1624.240	1633.994	1643.682	1643.482	1636.140
9.5	1621.941	1631.749	1641.410	1641.150	1633.974
10.0	1619.415	1629.303	1638.858	1638.685	1631.402
10.5	1616.897	1626.758	1636.320	1635.980	1628.910
11.0	1614.278	1624.146	1633.661	1633.275	1626.218
11.5	1611.513	1621.328	1630.809	1630.396	1623.307
12.0	1608.741	1618.463	1627.964	1627.418	1620.475
12.5	1605.810	1615.531	1624.972	1624.226	1617.417
13.0	1602.685	1612.306	1621.761	1620.901	1614.105
13.5	1599.500	1608.961	1618.523	1617.423	1610.834
14.0	1596.362	1605.596	1615.165	1613.912	1607.482
14.5	1592.977	1602.018	1611.653	1610.167	1603.697
15.0	1589.552	1598.580	1607.942	1606.396	1600.179
15.5	1585.827	1595.122	1604.131	1602.598	1596.401
16.0	1581.869	1591.251	1600.239	1598.507	1592.390
16.5	1577.832	1587.300	1596.461	1594.469	1588.333
17.0	1573.641	1583.222	1592.524	1590.125	1584.215
17.5	1569.210	1579.031	1588.199	1585.701	1579.837
18.0	1564.959	1574.600	1583.928	1581.177	1575.380
18.5	1560.381	1570.089	1579.511	1576.592	1570.816
19.0	1555.797	1565.312	1574.960	1571.888	1566.238
19.5	1551.340	1560.588	1570.263	1567.011	1561.421
20.0	1546.795	1555.764	1565.512	1561.974	1556.483
20.5	1542.138	1550.840	1560.528	1556.763	1551.400
21.0	1537.187	1545.976	1555.557	1551.480	1546.282
21.5	1532.343	1540.872	1550.387	1546.182	1540.845
22.0	1527.206	1535.475	1545.156	1540.685	1535.535
22.5	1521.689	1530.005	1539.859	1535.029	1530.078
23.0	1516.312	1524.348	1534.396	1529.272	1524.441
23.5	1510.862	1518.764	1528.652	1523.315	1518.638
24.0	1505.352	1513.054	1523.009	1517.378	1512.827
24.5	1499.821	1507.331	1517.252	1511.202	1506.811
25.0	1493.711	1501.347	1511.102	1504.958	1500.528
25.5	1487.648	1495.437	1504.852	1498.469	1494.351
26.0	1481.518	1489.374	1498.469	1492.059	1488.101
26.5	1475.248	1482.977	1492.106	1485.383	1481.471

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 44-48LED35DMV40.IES**

**CANDELA TABULATION - (Cont.)**

27.0	1468.865	1476.594	1485.749	1478.846	1474.902
27.5	1462.242	1470.098	1479.159	1472.070	1468.205
28.0	1455.459	1463.341	1472.410	1465.007	1461.336
28.5	1449.189	1456.772	1465.487	1457.971	1454.360
29.0	1442.493	1450.175	1458.557	1450.728	1447.310
29.5	1435.503	1443.166	1451.288	1443.339	1440.001
30.0	1428.487	1436.256	1444.059	1435.930	1432.812
30.5	1421.338	1428.987	1436.669	1428.394	1425.349
31.0	1413.909	1421.518	1428.914	1420.585	1417.760
31.5	1406.786	1414.055	1421.318	1412.829	1410.084
32.0	1399.303	1406.499	1413.689	1404.987	1402.342
32.5	1391.434	1398.717	1405.693	1396.858	1394.406
33.0	1383.785	1390.981	1397.744	1388.802	1386.304
33.5	1375.996	1382.926	1389.695	1380.760	1378.188
34.0	1367.827	1374.564	1381.513	1372.485	1369.853
34.5	1359.765	1366.208	1373.178	1364.189	1361.624
35.0	1351.670	1357.720	1364.789	1355.774	1353.162
35.5	1343.281	1349.191	1356.174	1346.945	1344.180
36.0	1334.945	1340.542	1347.572	1338.170	1335.558
36.5	1326.250	1331.780	1338.976	1329.302	1326.823
37.0	1317.202	1322.592	1329.961	1320.160	1317.662
37.5	1308.320	1313.550	1321.033	1311.052	1308.620
38.0	1299.418	1304.389	1311.791	1301.737	1299.332
38.5	1290.377	1294.621	1302.676	1292.196	1289.950
39.0	1281.182	1285.186	1293.488	1282.701	1280.629
39.5	1271.893	1275.491	1284.173	1273.013	1270.874
40.0	1262.019	1265.743	1274.612	1263.251	1261.039
40.5	1252.138	1256.302	1264.811	1253.464	1251.345
41.0	1242.210	1246.501	1255.109	1243.516	1241.457
41.5	1232.055	1236.240	1245.028	1233.348	1231.416
42.0	1221.981	1226.725	1235.094	1223.254	1221.275
42.5	1211.460	1216.917	1225.159	1212.972	1211.020
43.0	1201.326	1206.796	1214.958	1202.458	1200.506
43.5	1190.911	1196.595	1204.544	1191.971	1190.212
44.0	1180.217	1186.374	1194.003	1181.330	1179.511
44.5	1169.183	1175.793	1183.169	1170.316	1168.770
45.0	1158.682	1165.265	1172.568	1159.582	1158.056
45.5	1147.762	1155.044	1161.867	1148.528	1147.182
46.0	1136.674	1144.144	1150.907	1137.261	1135.982
46.5	1125.840	1133.543	1139.906	1126.214	1124.901
47.0	1115.066	1122.729	1128.726	1114.886	1113.760
47.5	1103.753	1111.682	1117.385	1103.173	1102.340
48.0	1092.179	1100.588	1106.218	1091.719	1090.800
48.5	1080.599	1089.407	1094.771	1080.086	1079.313
49.0	1068.905	1078.100	1082.811	1068.212	1067.406
49.5	1057.718	1066.900	1071.191	1056.299	1055.812
50.0	1046.144	1055.339	1059.084	1044.252	1043.932
50.5	1034.297	1043.692	1046.777	1032.032	1031.792
51.0	1022.397	1032.219	1034.857	1020.099	1019.799
51.5	1010.571	1020.632	1022.597	1007.792	1007.719
52.0	998.397	1008.472	1009.958	995.166	995.199
52.5	985.977	996.365	997.471	982.686	982.866
53.0	974.164	984.305	984.971	970.186	970.406
53.5	961.804	971.918	972.092	957.426	957.546
54.0	949.151	959.532	959.352	944.633	944.927
54.5	936.671	946.846	946.393	931.741	931.927

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 44-48LED35DMV40.IES**

**CANDELA TABULATION - (Cont.)**

55.0	923.805	933.859	932.960	918.461	918.555
55.5	911.312	921.413	919.687	905.515	905.195
56.0	898.186	908.533	906.494	892.376	891.763
56.5	884.946	895.221	892.882	878.716	877.744
57.0	871.794	881.841	879.223	865.097	863.845
57.5	858.414	868.729	865.670	851.378	849.566
58.0	844.788	855.089	851.605	837.279	834.914
58.5	831.176	841.797	837.626	823.060	820.169
59.0	817.683	828.131	823.334	808.475	805.244
59.5	803.518	814.345	809.155	793.477	790.019
60.0	789.652	800.773	794.989	778.532	775.007
60.5	775.613	786.847	780.464	763.220	759.968
61.0	761.134	772.482	765.779	747.549	744.404
61.5	746.629	758.436	751.120	732.130	729.132
62.0	732.317	744.037	736.461	716.739	713.814
62.5	717.192	729.219	721.316	701.061	698.196
63.0	702.500	714.547	706.365	685.436	682.898
63.5	687.742	699.435	690.913	669.645	667.646
64.0	672.550	684.084	675.162	653.580	652.334
64.5	657.718	669.065	659.430	637.916	637.403
65.0	642.386	653.587	643.193	622.338	622.358
65.5	627.428	637.862	626.242	606.613	606.946
66.0	612.110	622.151	608.885	591.141	591.821
66.5	596.892	606.526	591.275	575.776	576.649
67.0	581.527	590.568	573.245	560.118	561.264
67.5	566.302	574.910	555.468	544.554	545.893
68.0	551.003	558.992	537.711	528.762	530.521
68.5	535.492	542.941	519.781	512.698	514.990
69.0	520.180	527.077	501.897	497.093	499.498
69.5	504.529	511.059	483.987	481.135	483.987
70.0	488.798	494.841	465.984	464.957	468.182
70.5	473.140	478.910	448.980	449.040	452.738
71.0	457.448	462.945	432.555	433.108	437.093
71.5	441.544	446.488	416.044	416.924	421.268
72.0	425.979	430.450	400.286	401.113	405.717
72.5	410.601	414.532	384.542	385.421	390.245
73.0	394.736	398.514	368.730	369.603	374.567
73.5	379.298	382.736	353.505	354.125	359.182
74.0	363.620	366.838	338.320	338.667	343.571
74.5	348.088	350.820	323.542	323.362	328.199
75.0	332.983	335.216	309.143	308.464	313.034
75.5	317.878	319.344	294.798	293.645	298.083
76.0	302.587	303.200	280.412	278.873	282.844
76.5	287.515	287.389	266.320	264.494	268.119
77.0	272.477	271.437	252.301	250.409	253.620
77.5	257.165	255.479	238.262	236.390	239.062
78.0	242.247	239.988	224.430	222.691	224.890
78.5	227.402	224.743	210.597	209.125	211.084
79.0	212.903	209.545	196.912	195.639	197.225
79.5	198.737	195.199	183.532	182.593	184.119
80.0	184.845	181.014	170.346	169.853	170.999
80.5	170.939	166.475	157.520	157.080	157.980
81.0	157.480	152.723	145.014	144.954	145.607
81.5	144.374	139.170	132.954	133.113	133.613
82.0	131.414	125.151	121.113	121.407	121.806
82.5	119.041	112.398	109.686	110.153	110.559

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 44-48LED35DMV40.IES**

**CANDELA TABULATION - (Cont.)**

83.0	106.721	100.045	98.732	99.332	99.632
83.5	94.914	87.605	88.085	88.784	89.071
84.0	83.594	76.764	78.030	78.803	79.196
84.5	72.913	66.823	68.482	69.142	69.375
85.0	62.466	57.295	59.361	59.700	60.220
85.5	52.904	48.673	50.932	51.132	51.465
86.0	43.996	40.664	43.063	42.863	43.616
86.5	35.421	33.148	35.421	35.647	36.267
87.0	28.131	26.525	28.498	29.217	29.550
87.5	21.142	20.449	22.468	23.194	23.427
88.0	14.705	14.878	17.064	18.057	18.297
88.5	9.288	10.161	12.593	13.779	13.766
89.0	5.064	6.370	8.908	9.935	9.908
89.5	0.000	3.738	6.210	7.123	7.043
90.0	0.000	0.000	4.271	5.131	5.064
90.5	0.000	0.000	0.000	3.625	3.485
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 : 44-48LED35DMV40.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 : 44-48LED35DMV40.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 : 44-48LED35DMV40.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 : 44-48LED35DMV40.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	609.46	N.A.	12.40
0-30	1302.77	N.A.	26.50
0-40	2152.11	N.A.	43.70
0-60	3876.81	N.A.	78.80
0-80	4844.27	N.A.	98.50
0-90	4919.71	N.A.	100.00
10-90	4762.63	N.A.	96.80
20-40	1542.64	N.A.	31.40
20-50	2440.29	N.A.	49.60
40-70	2353.85	N.A.	47.80
60-80	967.46	N.A.	19.70
70-80	338.32	N.A.	6.90
80-90	75.43	N.A.	1.50
90-110	0.16	N.A.	0.00
90-120	0.16	N.A.	0.00
90-130	0.16	N.A.	0.00
90-150	0.16	N.A.	0.00
90-180	0.16	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	4919.86	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	157.08
10-20	452.39
20-30	693.30
30-40	849.34
40-50	897.65
50-60	827.05
60-70	629.15
70-80	338.32
80-90	75.43
90-100	0.16
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

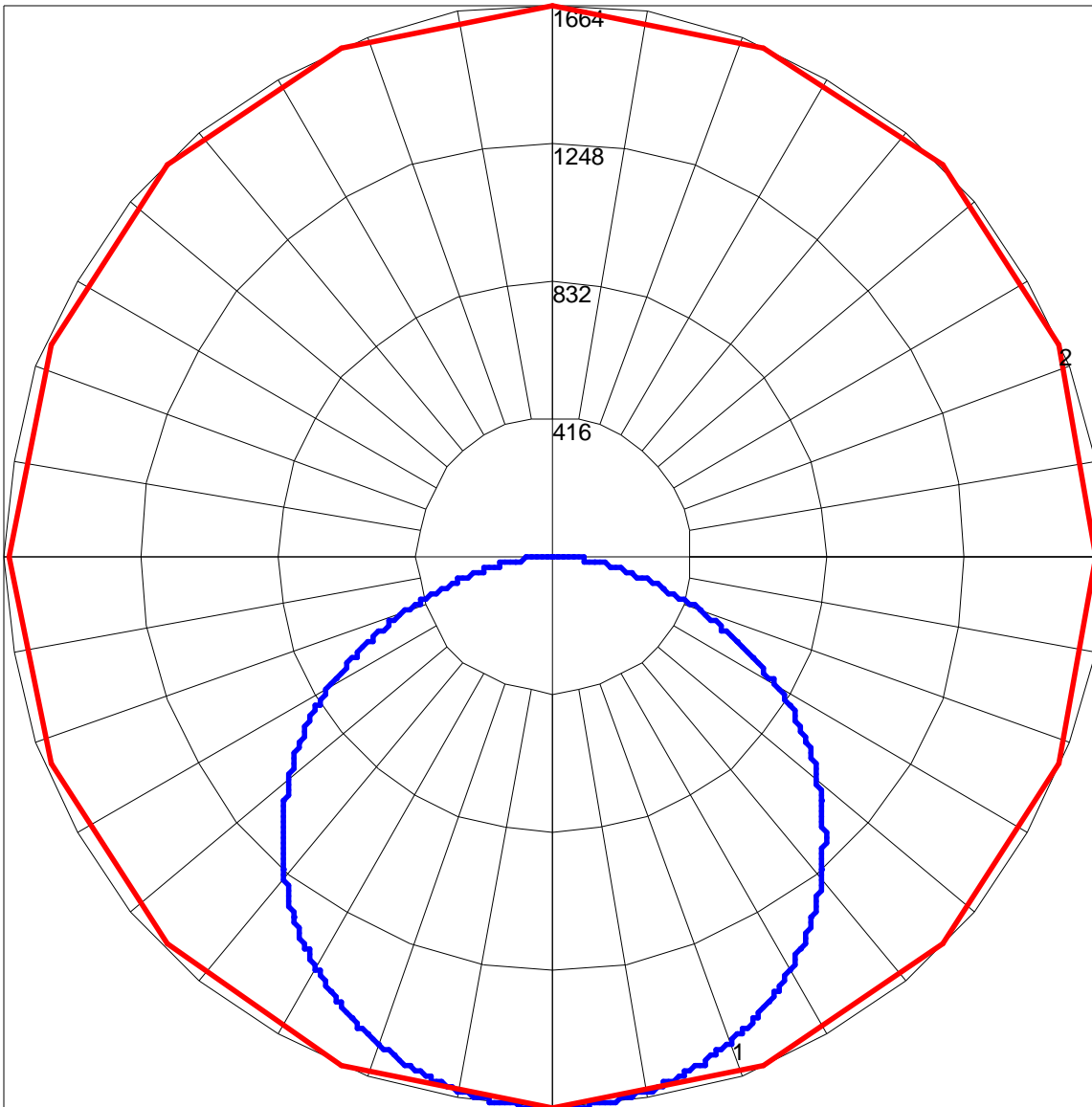
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 44-48LED35DMV40.IES**

**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	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 = 1664.138 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.)