



IES INDOOR REPORT

PHOTOMETRIC FILENAME : RG22-LED45DMV40.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] LLIA000535-006
 [TESTLAB] LightLab International Allentown, LLC
 [MANUFAC] Mobern Lighting Co., 8200 Stayton Drive, Jessup, MD 20794, USA
 [LUMCAT] RG22-LED45DMV40
 [LUMINAIRE] Catalog Number: RG22-LED45DMV40
 [MORE] Recess mounted, white formed steel 2x2 troffer housing, white enamel internal reflector
 [MORE] with acrylic prismatic lens enclosure
 [MORE] 96 White LEDs
 [MORE] One Universal Lighting Technologies, Everline D10CC55UNVTZ-C LED power supply, output set at 1050mA
 [MORE] 120.0Vac, 60.0Hz, 0.3702A, 44.39W, 0.997PF, 5.7%THD(i)
 [OTHER] Absolute test - lamp lumens value set to -1
 [MORE] This IES file created by Absulote Lumens fro Report LLIA000535-017
 [DATE] This file created: Friday, January 22, 2016 3:28:04 PM
 [ISSUE DATE] Friday, January 22, 2016 3:28:04 PM

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	4502
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	101
Total Luminaire Watts	44.39
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.18
Spacing Criterion (90-270)	1.22
Spacing Criterion (Diagonal)	1.26
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.55 m
Luminous Width (90-270)	0.55 m
Luminous Height	0.00 m

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	4915	4910	5176
55	3752	3685	3784
65	2849	2369	2714
75	3100	2108	2598
85	3484	3015	3364

IES INDOOR REPORT
PHOTOMETRIC FILENAME : RG22-LED45DMV40.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	2048.296	2048.296	2048.296	2048.296	2048.296
0.5	2064.310	2040.870	2044.915	2046.118	2060.120
1.0	2065.140	2041.202	2044.293	2044.874	2058.855
1.5	2064.310	2040.393	2043.359	2044.334	2058.544
2.0	2063.377	2038.733	2042.239	2044.251	2058.274
2.5	2062.962	2037.178	2041.575	2044.811	2058.544
3.0	2062.423	2035.394	2041.223	2045.786	2058.357
3.5	2061.157	2033.942	2041.077	2045.351	2057.880
4.0	2058.315	2032.801	2041.285	2043.173	2055.038
4.5	2055.826	2030.311	2040.351	2039.750	2051.221
5.0	2052.507	2027.304	2037.198	2036.452	2049.188
5.5	2049.209	2025.416	2032.780	2035.435	2048.607
6.0	2047.176	2023.694	2028.258	2035.809	2049.665
6.5	2044.127	2021.599	2024.358	2035.539	2048.358
7.0	2039.729	2019.525	2022.118	2032.676	2042.364
7.5	2036.120	2016.330	2020.562	2026.785	2035.974
8.0	2032.801	2013.426	2019.898	2020.437	2032.386
8.5	2029.274	2009.962	2017.948	2016.600	2032.614
9.0	2025.333	2004.734	2013.509	2016.081	2033.216
9.5	2020.230	1998.677	2006.871	2016.994	2030.063
10.0	2013.613	1991.645	1999.466	2014.795	2021.329
10.5	2007.307	1984.094	1992.724	2007.576	2013.302
11.0	2001.001	1976.295	1987.870	1998.138	2009.983
11.5	1994.280	1968.952	1983.846	1991.127	2009.485
12.0	1987.434	1961.982	1982.518	1987.745	2008.365
12.5	1981.543	1955.676	1980.132	1986.480	2002.660
13.0	1974.967	1949.971	1975.092	1984.655	1993.740
13.5	1968.080	1944.121	1966.400	1979.323	1985.318
14.0	1961.173	1939.143	1956.070	1969.366	1980.672
14.5	1952.854	1933.978	1945.159	1960.364	1977.913
15.0	1945.636	1929.248	1936.882	1954.472	1974.511
15.5	1937.629	1922.340	1931.177	1951.216	1968.329
16.0	1927.920	1914.209	1926.551	1947.295	1960.260
16.5	1919.374	1904.895	1921.345	1940.719	1952.481
17.0	1909.770	1894.938	1913.773	1931.717	1944.806
17.5	1900.974	1883.861	1904.024	1923.212	1937.919
18.0	1892.158	1871.747	1893.880	1914.873	1931.592
18.5	1881.641	1860.255	1883.840	1907.177	1924.996
19.0	1871.352	1849.758	1874.754	1900.705	1915.848
19.5	1862.433	1841.150	1865.689	1893.590	1906.472
20.0	1851.210	1831.607	1856.479	1885.707	1897.821
20.5	1839.241	1821.754	1846.979	1875.729	1888.943
21.0	1827.272	1813.000	1837.208	1865.627	1881.662
21.5	1816.382	1802.960	1826.567	1856.251	1871.954
22.0	1803.728	1791.365	1816.153	1847.912	1861.084
22.5	1789.809	1780.163	1804.931	1837.540	1853.782
23.0	1777.508	1768.173	1794.269	1826.027	1845.278
23.5	1765.746	1755.250	1783.088	1815.365	1833.516
24.0	1752.719	1742.887	1770.642	1805.927	1820.115
24.5	1739.962	1730.959	1758.320	1796.094	1810.407
25.0	1727.702	1719.052	1745.936	1783.689	1802.504
25.5	1714.447	1707.145	1733.158	1769.625	1790.680
26.0	1700.238	1695.280	1720.815	1757.469	1775.848
26.5	1687.190	1682.917	1708.639	1747.222	1764.336

IES INDOOR REPORT
PHOTOMETRIC FILENAME : RG22-LED45DMV40.IES

CANDELA TABULATION - (Cont.)

27.0	1672.897	1669.848	1696.379	1735.481	1755.208
27.5	1658.066	1655.639	1683.580	1720.960	1741.248
28.0	1643.794	1641.263	1668.603	1707.436	1726.022
28.5	1629.771	1626.286	1653.792	1695.425	1713.389
29.0	1615.562	1610.998	1638.898	1681.610	1700.590
29.5	1601.186	1595.876	1625.415	1665.658	1687.957
30.0	1585.981	1581.791	1610.894	1651.635	1675.428
30.5	1570.921	1567.374	1595.565	1638.193	1662.007
31.0	1554.886	1551.713	1579.592	1623.714	1647.486
31.5	1540.013	1536.238	1564.802	1608.198	1633.546
32.0	1525.223	1520.784	1550.178	1593.719	1619.275
32.5	1510.018	1505.081	1534.620	1577.621	1603.281
33.0	1495.953	1489.876	1517.651	1561.296	1588.408
33.5	1479.794	1474.442	1500.953	1544.805	1572.684
34.0	1464.527	1457.847	1484.856	1528.708	1555.695
34.5	1449.073	1441.792	1468.904	1512.818	1538.872
35.0	1433.142	1425.010	1450.338	1495.850	1522.360
35.5	1416.422	1407.710	1432.333	1477.554	1504.666
36.0	1399.039	1390.513	1415.675	1460.378	1487.656
36.5	1382.029	1373.151	1397.442	1442.352	1469.132
37.0	1364.023	1355.228	1378.378	1422.977	1450.628
37.5	1346.785	1337.658	1359.916	1403.810	1430.714
38.0	1329.112	1319.217	1341.745	1384.041	1411.361
38.5	1311.293	1300.174	1322.266	1364.148	1391.177
39.0	1293.412	1281.920	1302.352	1344.234	1370.392
39.5	1274.991	1263.230	1282.459	1323.221	1349.980
40.0	1256.467	1243.751	1262.566	1302.809	1328.158
40.5	1237.922	1224.315	1241.656	1281.546	1307.082
41.0	1217.843	1204.857	1221.680	1260.346	1285.986
41.5	1198.426	1185.399	1201.123	1238.565	1265.574
42.0	1179.176	1165.942	1181.354	1217.801	1244.187
42.5	1159.138	1145.323	1160.943	1195.958	1222.945
43.0	1139.058	1124.288	1140.634	1174.322	1201.559
43.5	1119.994	1104.748	1119.725	1152.292	1180.421
44.0	1100.599	1084.855	1099.998	1130.491	1158.951
44.5	1079.752	1063.551	1078.839	1108.108	1137.440
45.0	1059.506	1043.326	1058.344	1086.141	1115.721
45.5	1039.737	1022.665	1038.679	1064.049	1093.422
46.0	1019.470	1002.481	1018.164	1041.811	1070.707
46.5	999.556	982.526	997.959	1019.906	1046.997
47.0	978.979	962.508	977.568	998.001	1022.043
47.5	957.882	942.532	957.779	974.623	996.113
48.0	937.699	922.950	937.616	951.452	970.329
48.5	916.727	903.347	917.640	927.348	943.382
49.0	896.315	884.014	896.875	903.409	917.598
49.5	875.281	864.515	876.754	879.367	893.038
50.0	854.662	845.866	856.840	855.948	868.954
50.5	834.105	826.346	836.324	831.823	846.592
51.0	813.693	807.636	815.456	808.507	824.065
51.5	793.509	789.070	794.920	785.710	802.263
52.0	773.056	770.297	773.035	762.684	780.503
52.5	753.017	751.711	751.607	741.090	760.174
53.0	733.332	733.394	729.722	720.056	739.306
53.5	713.438	714.973	708.066	699.146	719.184
54.0	694.292	697.092	686.804	678.672	699.706
54.5	675.021	678.921	665.603	658.862	680.705

IES INDOOR REPORT
PHOTOMETRIC FILENAME : RG22-LED45DMV40.IES

CANDELA TABULATION - (Cont.)

55.0	655.978	660.480	644.320	638.865	661.538
55.5	637.558	642.619	624.012	619.926	642.806
56.0	618.868	624.801	603.435	601.173	624.780
56.5	600.427	606.567	583.085	582.670	606.256
57.0	582.546	588.893	563.358	564.436	588.603
57.5	565.245	571.406	543.693	546.618	570.763
58.0	548.070	553.608	524.297	529.089	552.198
58.5	531.682	536.370	505.358	511.996	534.275
59.0	515.481	519.568	487.083	495.256	516.747
59.5	499.529	502.641	468.600	478.931	499.135
60.0	484.677	486.647	451.383	462.979	482.042
60.5	470.135	470.903	434.415	447.670	465.945
61.0	456.050	455.407	417.841	432.610	450.118
61.5	443.044	440.659	401.972	417.882	435.514
62.0	430.328	426.491	386.621	403.859	421.201
62.5	418.069	412.489	371.644	389.837	407.510
63.0	406.639	399.275	357.393	376.540	394.545
63.5	396.080	386.435	343.578	363.782	382.493
64.0	385.771	374.196	330.178	351.087	370.981
64.5	376.291	362.559	317.545	339.243	359.986
65.0	367.018	351.461	305.202	327.875	349.697
65.5	358.036	340.508	293.461	316.673	339.616
66.0	349.656	330.655	282.322	306.094	330.115
66.5	341.607	321.009	271.680	296.137	321.009
67.0	333.870	311.550	261.474	286.554	312.068
67.5	326.568	302.775	251.787	277.572	303.688
68.0	319.557	294.540	242.867	268.880	295.453
68.5	312.794	286.533	234.114	260.728	287.446
69.0	306.219	278.878	225.920	252.907	279.708
69.5	300.120	271.577	218.390	245.564	272.116
70.0	294.498	264.586	211.088	238.324	264.939
70.5	288.794	257.741	204.616	231.666	258.135
71.0	283.463	251.269	198.497	225.277	251.227
71.5	278.277	244.755	192.917	219.137	244.589
72.0	273.402	238.781	187.938	213.308	238.242
72.5	268.776	232.807	183.312	207.893	232.205
73.0	263.901	226.936	179.122	202.459	226.252
73.5	259.359	221.294	175.450	197.273	220.672
74.0	254.671	215.859	172.194	192.108	215.278
74.5	249.775	210.569	169.144	187.046	209.968
75.0	244.589	205.342	166.282	182.234	204.989
75.5	239.590	200.135	163.668	177.296	200.135
76.0	233.657	194.825	161.054	172.505	195.115
76.5	227.973	189.929	158.669	167.692	190.614
77.0	222.207	185.034	156.117	162.963	186.216
77.5	215.776	180.035	153.628	158.295	181.383
78.0	209.366	175.305	150.890	153.483	176.612
78.5	202.770	170.679	148.089	148.753	171.737
79.0	196.007	165.867	144.833	143.858	166.696
79.5	189.100	161.282	141.514	139.045	161.448
80.0	182.005	156.553	137.863	133.984	155.930
80.5	174.434	151.637	133.797	128.901	150.122
81.0	166.572	146.575	129.358	123.861	144.231
81.5	158.648	141.327	124.670	118.882	137.966
82.0	150.267	135.747	119.318	113.676	131.474
82.5	141.534	130.001	113.634	108.614	124.794

IES INDOOR REPORT
PHOTOMETRIC FILENAME : RG22-LED45DMV40.IES

CANDELA TABULATION - (Cont.)

83.0	132.532	123.778	107.639	103.262	118.073
83.5	122.637	117.119	101.043	97.952	111.083
84.0	112.867	110.149	94.342	92.517	104.320
84.5	102.744	102.806	87.269	86.999	97.039
85.0	92.558	94.861	80.091	81.149	89.385
85.5	82.622	86.626	72.831	75.362	81.730
86.0	72.499	77.851	65.322	68.994	73.661
86.5	62.584	68.496	57.647	62.231	65.052
87.0	52.876	58.705	49.930	54.971	56.361
87.5	43.002	48.374	41.985	46.798	47.109
88.0	33.190	37.671	33.377	38.314	37.754
88.5	23.399	27.651	25.141	30.037	29.394
89.0	14.562	18.337	17.798	21.885	21.449
89.5	6.617	9.750	11.056	14.106	13.670
90.0	1.763	3.257	5.559	7.758	7.157
90.5	0.498	0.519	1.535	3.153	2.448
91.0	0.166	0.145	0.104	0.270	0.166
91.5	0.249	0.124	0.021	0.166	0.124
92.0	0.062	0.187	0.041	0.041	0.062
92.5	0.062	0.104	0.104	0.124	0.083
93.0	0.124	0.207	0.041	0.124	0.166
93.5	0.000	0.145	0.124	0.124	0.041
94.0	0.145	0.041	0.083	0.083	0.000
94.5	0.104	0.124	0.104	0.062	0.021
95.0	0.332	0.124	0.104	0.104	0.000
95.5	0.083	0.104	0.083	0.104	0.062
96.0	0.104	0.145	0.124	0.104	0.000
96.5	0.124	0.083	0.145	0.104	0.083
97.0	0.207	0.104	0.021	0.145	0.083
97.5	0.145	0.249	0.083	0.187	0.062
98.0	0.332	0.145	0.104	0.187	0.021
98.5	0.104	0.270	0.104	0.249	0.000
99.0	0.124	0.207	0.041	0.290	0.228
99.5	0.207	0.104	0.021	0.187	0.041
100.0	0.249	0.249	0.124	0.145	0.249
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 : RG22-LED45DMV40.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 : RG22-LED45DMV40.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 : RG22-LED45DMV40.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 : RG22-LED45DMV40.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	741.76	N.A.	16.50
0-30	1547.81	N.A.	34.40
0-40	2458.56	N.A.	54.60
0-60	3864.7	N.A.	85.80
0-80	4411.45	N.A.	98.00
0-90	4501.56	N.A.	100.00
10-90	4307.96	N.A.	95.70
20-40	1716.8	N.A.	38.10
20-50	2538.96	N.A.	56.40
40-70	1745.93	N.A.	38.80
60-80	546.75	N.A.	12.10
70-80	206.97	N.A.	4.60
80-90	90.11	N.A.	2.00
90-110	0.36	N.A.	0.00
90-120	0.36	N.A.	0.00
90-130	0.36	N.A.	0.00
90-150	0.36	N.A.	0.00
90-180	0.36	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	4501.92	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	193.60
10-20	548.16
20-30	806.05
30-40	910.75
40-50	822.16
50-60	583.98
60-70	339.78
70-80	206.97
80-90	90.11
90-100	0.36
100-110	0.01
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

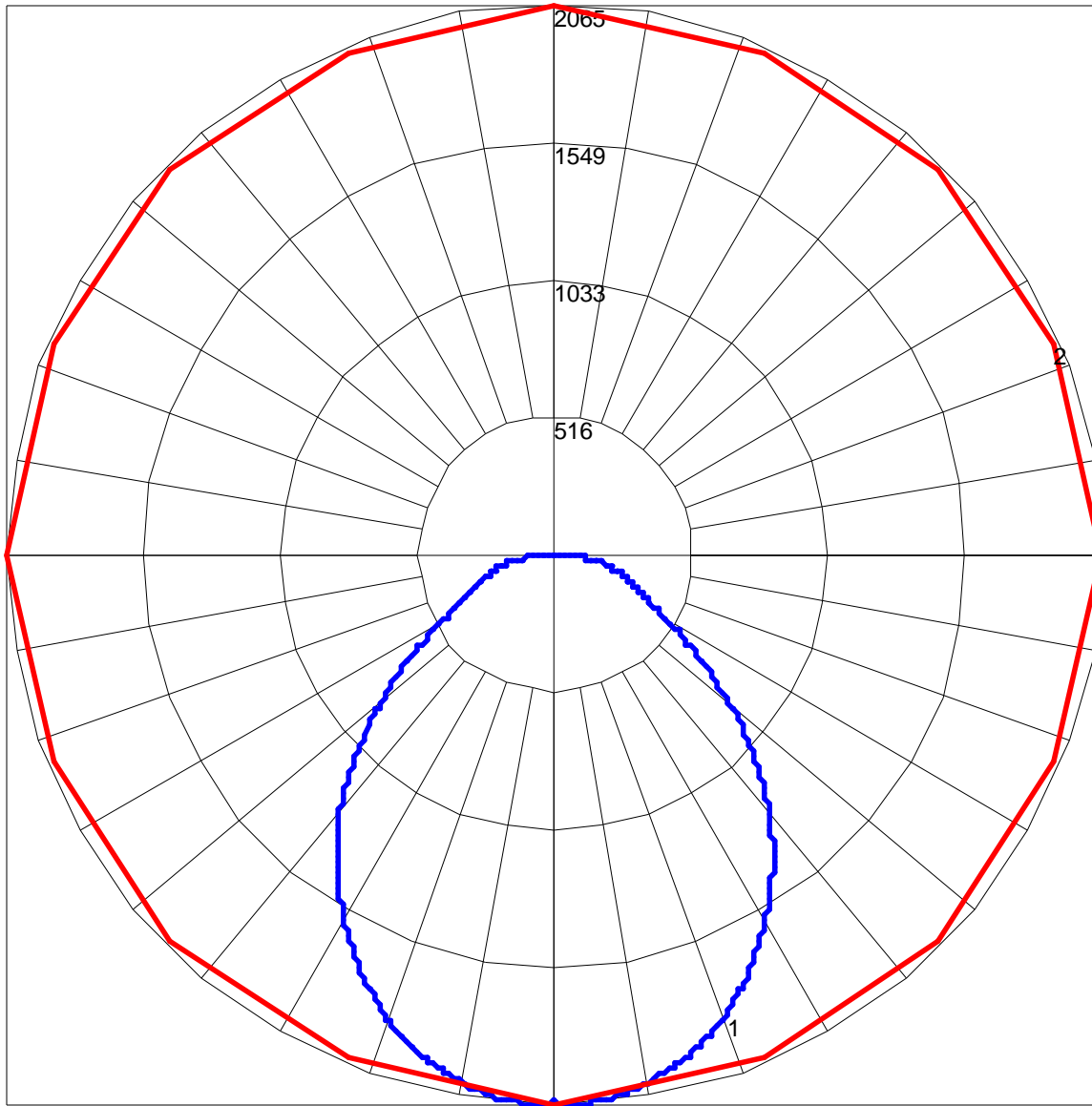
IES INDOOR REPORT
PHOTOMETRIC FILENAME : RG22-LED45DMV40.IES

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	110	105	102	98	107	103	100	96	99	96	93	95	93	91	92	90	88	86
2	101	93	87	82	98	92	86	81	88	83	79	85	81	77	82	79	76	74
3	93	83	76	70	91	82	75	69	79	73	68	76	71	67	74	69	66	64
4	86	75	67	60	84	73	66	60	71	64	59	69	63	58	67	62	58	56
5	79	67	59	53	77	66	59	53	64	57	52	62	56	52	61	55	51	49
6	74	61	53	47	72	60	52	47	59	52	46	57	51	46	55	50	46	44
7	69	56	48	42	67	55	47	42	54	47	41	52	46	41	51	45	41	39
8	64	51	43	38	63	51	43	38	49	42	37	48	42	37	47	41	37	35
9	60	47	40	34	59	47	39	34	46	39	34	45	38	34	44	38	34	32
10	56	44	36	31	55	43	36	31	42	36	31	41	35	31	41	35	31	29

POLAR GRAPH



Maximum Candela = 2065.14 Located At Horizontal Angle = 0, Vertical Angle = 1
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)