



IES INDOOR REPORT
PHOTOMETRIC FILENAME : RG24-LED35DMV40.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] LLI-15062-1-R01
 [TESTLAB] LightLab International (www.LightLabInt.com)
 [MANUFAC] Mobern Lighting Company
 [LUMCAT] RG24-LED35DMV40
 [LUMINAIRE] Mobern Lighting - LED retrofit for 2x4 troffer. Catalog number: RG24-LED35DMV40
 [ISSUEDATE] Saturday, March 28, 2015 8:31:25 PM

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3763
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	108
Total Luminaire Watts	34.7
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.24
Spacing Criterion (90-270)	1.22
Spacing Criterion (Diagonal)	1.28
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	1.15 m
Luminous Width (90-270)	0.54 m
Luminous Height	0.00 m

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	2092	2075	2072
55	1616	1559	1474
65	1219	974	1131
75	1071	812	1229
85	1235	1210	1637

IES INDOOR REPORT
PHOTOMETRIC FILENAME : RG24-LED35DMV40.IES

CANDELA TABULATION

	<u>0.0</u>	<u>10.0</u>	<u>20.0</u>	<u>22.5</u>	<u>30.0</u>	<u>40.0</u>	<u>45.0</u>	<u>50.0</u>	<u>60.0</u>	<u>67.5</u>
0.0	1659.381	1659.381	1659.381	1659.381	1659.381	1659.381	1659.381	1659.381	1659.381	1659.381
0.5	1664.428	1662.307	1659.999	1659.773	1659.618	1660.782	1660.278	1659.402	1658.321	1657.929
1.0	1664.150	1662.379	1659.866	1659.526	1659.526	1660.494	1659.763	1659.062	1658.135	1657.888
1.5	1663.986	1661.936	1659.392	1659.134	1658.990	1659.958	1659.361	1658.568	1657.620	1657.146
2.0	1663.244	1661.277	1658.969	1658.568	1658.300	1659.443	1658.897	1658.269	1657.198	1656.868
2.5	1662.750	1660.906	1658.269	1658.156	1658.012	1658.763	1658.382	1657.754	1656.724	1656.353
3.0	1661.740	1660.123	1657.507	1657.363	1657.054	1658.001	1657.579	1656.837	1655.859	1655.241
3.5	1660.844	1659.258	1656.642	1656.415	1656.467	1657.115	1656.497	1655.756	1654.726	1654.499
4.0	1659.783	1657.775	1655.488	1655.426	1655.334	1656.467	1655.653	1654.839	1653.881	1653.830
4.5	1658.475	1656.508	1654.046	1653.850	1654.252	1655.261	1654.716	1653.737	1653.129	1653.047
5.0	1656.642	1654.932	1652.347	1652.264	1652.439	1653.974	1653.552	1652.728	1651.893	1652.048
5.5	1655.107	1652.985	1650.750	1650.699	1650.935	1652.862	1652.367	1651.523	1650.441	1650.441
6.0	1653.366	1651.317	1649.133	1648.845	1649.318	1651.677	1650.905	1650.153	1649.236	1648.937
6.5	1651.152	1649.761	1647.629	1647.413	1647.773	1649.761	1649.020	1648.330	1647.485	1647.124
7.0	1649.813	1647.681	1645.888	1645.847	1646.064	1647.742	1647.124	1646.579	1645.682	1645.219
7.5	1648.113	1645.518	1644.045	1643.921	1644.117	1646.105	1645.219	1644.416	1643.416	1642.665
8.0	1646.249	1643.664	1641.439	1641.665	1642.036	1643.499	1642.706	1641.820	1641.068	1640.605
8.5	1643.633	1641.418	1639.121	1639.296	1639.667	1640.914	1640.429	1639.688	1638.915	1638.606
9.0	1640.831	1639.121	1636.855	1636.824	1637.175	1638.637	1638.297	1637.453	1636.670	1636.279
9.5	1638.555	1636.402	1634.239	1634.404	1634.620	1636.011	1635.650	1634.981	1634.023	1633.498
10.0	1635.630	1633.621	1631.345	1631.376	1631.819	1633.281	1632.766	1632.251	1631.026	1630.171
10.5	1632.643	1630.521	1628.049	1628.451	1628.976	1629.923	1629.779	1628.966	1628.080	1627.287
11.0	1629.264	1627.699	1625.361	1625.670	1625.639	1626.329	1626.473	1625.412	1624.403	1624.073
11.5	1626.040	1624.506	1622.322	1622.446	1622.827	1623.311	1623.053	1622.065	1621.035	1620.509
12.0	1622.198	1620.890	1619.036	1619.263	1619.490	1619.932	1619.500	1618.624	1617.234	1616.358
12.5	1618.645	1617.038	1615.576	1615.792	1616.173	1615.967	1615.740	1614.885	1613.083	1612.352
13.0	1614.937	1613.134	1611.631	1612.115	1612.424	1612.259	1611.734	1610.899	1608.932	1607.943
13.5	1610.951	1609.200	1607.768	1607.964	1608.386	1608.252	1607.140	1606.388	1604.462	1603.679
14.0	1606.965	1605.111	1603.710	1603.339	1603.947	1604.019	1602.680	1601.980	1600.033	1598.900
14.5	1602.824	1600.908	1598.735	1599.034	1599.466	1599.405	1598.189	1597.293	1595.418	1594.285
15.0	1598.199	1596.634	1594.182	1594.697	1594.986	1595.068	1593.740	1592.555	1590.505	1589.712
15.5	1593.904	1592.174	1589.990	1590.268	1590.310	1590.114	1589.094	1587.632	1585.695	1584.583
16.0	1589.218	1587.446	1585.335	1585.376	1585.149	1585.160	1583.831	1582.368	1580.648	1579.392
16.5	1584.490	1582.430	1580.473	1580.463	1580.277	1580.164	1578.712	1576.868	1574.942	1573.438
17.0	1579.021	1577.074	1575.375	1575.303	1574.448	1574.592	1573.469	1571.296	1569.164	1567.299
17.5	1573.356	1571.625	1570.091	1570.029	1569.287	1568.700	1567.629	1565.734	1563.313	1561.408
18.0	1567.722	1566.187	1564.601	1564.529	1563.942	1562.994	1561.377	1559.873	1557.092	1555.351
18.5	1562.149	1560.646	1558.761	1558.771	1557.999	1556.886	1554.939	1553.580	1550.892	1549.048
19.0	1556.773	1554.960	1552.962	1552.849	1551.695	1550.634	1548.667	1547.184	1544.454	1542.250
19.5	1550.768	1548.821	1546.813	1546.432	1545.525	1544.155	1542.167	1540.200	1537.831	1535.565
20.0	1544.207	1542.590	1540.447	1540.241	1539.417	1537.090	1535.215	1533.124	1530.982	1528.541
20.5	1537.532	1535.823	1533.804	1533.454	1532.764	1530.405	1528.262	1526.017	1523.906	1521.392
21.0	1530.652	1529.159	1526.759	1526.676	1525.677	1523.102	1521.042	1518.807	1516.253	1513.822
21.5	1523.700	1522.155	1519.858	1519.652	1518.395	1516.088	1513.492	1511.103	1508.353	1506.169
22.0	1517.087	1514.677	1512.709	1512.009	1510.907	1508.394	1505.953	1503.419	1500.185	1498.372
22.5	1508.960	1507.220	1505.067	1504.593	1503.316	1500.288	1498.207	1495.385	1492.089	1490.307
23.0	1501.503	1499.587	1497.321	1496.909	1495.467	1492.151	1489.977	1487.196	1483.849	1482.283
23.5	1494.066	1491.893	1489.586	1489.102	1487.258	1484.055	1481.439	1478.781	1475.217	1473.580
24.0	1486.177	1483.942	1481.470	1481.027	1478.792	1475.619	1473.013	1470.150	1466.792	1464.835
24.5	1477.947	1475.650	1472.735	1472.498	1470.407	1466.741	1464.423	1461.240	1457.944	1456.235
25.0	1469.120	1467.008	1463.836	1463.486	1461.271	1457.852	1455.411	1452.073	1448.685	1447.078
25.5	1460.344	1458.707	1455.122	1454.329	1451.672	1448.654	1446.439	1443.061	1439.167	1438.024
26.0	1451.538	1449.941	1445.790	1445.224	1442.443	1439.044	1436.953	1433.966	1429.424	1428.558
26.5	1442.546	1440.764	1436.253	1435.593	1432.833	1429.073	1427.261	1424.191	1419.855	1419.072

IES INDOOR REPORT
PHOTOMETRIC FILENAME : RG24-LED35DMV40.IES

CANDELA TABULATION - (Cont.)

27.0	1433.152	1431.515	1426.581	1425.860	1422.935	1419.258	1417.455	1414.396	1410.523	1409.400
27.5	1423.810	1421.740	1416.961	1416.147	1412.830	1409.009	1406.918	1404.220	1400.275	1399.348
28.0	1414.314	1411.862	1406.661	1405.723	1402.541	1398.122	1396.103	1393.765	1390.345	1388.780
28.5	1404.003	1401.346	1396.278	1395.351	1392.024	1387.595	1385.412	1383.383	1379.984	1378.367
29.0	1393.549	1391.025	1385.886	1384.722	1381.529	1376.770	1374.720	1372.578	1369.694	1367.871
29.5	1382.785	1379.984	1374.854	1373.618	1370.353	1365.749	1363.504	1361.372	1358.817	1357.210
30.0	1371.672	1368.695	1363.153	1362.484	1358.889	1354.357	1352.328	1350.258	1347.951	1346.344
30.5	1360.177	1357.118	1351.628	1350.793	1347.353	1342.935	1340.782	1339.154	1336.775	1335.395
31.0	1348.795	1345.386	1340.123	1339.093	1335.477	1331.059	1329.030	1327.577	1325.775	1324.271
31.5	1336.528	1333.706	1328.103	1326.877	1323.395	1319.492	1317.545	1315.907	1314.074	1312.859
32.0	1324.405	1321.593	1315.794	1314.671	1311.180	1307.554	1305.844	1304.011	1302.383	1301.426
32.5	1312.189	1309.192	1303.084	1301.961	1298.614	1295.503	1293.968	1292.022	1290.662	1289.529
33.0	1299.541	1296.430	1290.075	1289.055	1285.687	1283.133	1281.454	1279.559	1278.240	1277.560
33.5	1286.449	1283.534	1276.891	1275.758	1272.730	1270.649	1269.063	1267.281	1265.726	1265.283
34.0	1273.554	1270.237	1263.480	1262.162	1259.216	1257.898	1256.188	1254.488	1252.995	1252.583
34.5	1260.267	1256.693	1250.018	1248.494	1245.960	1244.652	1243.406	1241.490	1239.667	1239.481
35.0	1246.073	1243.169	1235.815	1234.599	1232.395	1231.097	1229.841	1227.894	1226.668	1226.720
35.5	1232.240	1229.161	1221.961	1220.303	1218.480	1217.058	1215.750	1213.948	1212.403	1212.959
36.0	1217.996	1214.700	1207.397	1206.254	1204.348	1202.947	1201.495	1199.857	1198.529	1199.136
36.5	1203.606	1199.960	1192.750	1191.246	1190.124	1188.764	1187.260	1185.314	1184.006	1184.871
37.0	1188.198	1184.685	1177.795	1176.270	1175.529	1173.912	1172.027	1170.234	1168.700	1170.028
37.5	1173.191	1169.627	1162.726	1161.263	1160.419	1158.740	1157.092	1155.464	1153.301	1155.145
38.0	1157.782	1154.434	1147.204	1145.741	1144.866	1143.228	1141.662	1139.798	1137.985	1139.746
38.5	1141.961	1138.253	1131.249	1130.106	1129.189	1127.397	1125.666	1123.946	1122.000	1124.224
39.0	1126.047	1122.422	1115.397	1114.378	1113.389	1111.421	1109.660	1107.662	1105.962	1108.383
39.5	1109.485	1105.993	1099.185	1098.320	1097.352	1094.560	1093.232	1091.367	1089.688	1092.284
40.0	1092.583	1089.338	1082.798	1081.747	1080.542	1078.122	1076.474	1074.558	1073.456	1075.969
40.5	1075.619	1072.570	1066.009	1065.267	1063.794	1061.013	1059.695	1057.707	1056.996	1059.437
41.0	1058.572	1055.492	1049.343	1048.396	1046.799	1044.080	1042.813	1040.640	1040.424	1043.132
41.5	1040.640	1038.075	1032.008	1031.246	1029.547	1026.539	1025.540	1023.871	1023.614	1025.828
42.0	1022.996	1020.689	1014.910	1014.344	1012.294	1009.369	1008.267	1006.938	1006.763	1008.864
42.5	1005.414	1002.849	997.596	997.019	994.733	992.117	991.365	989.943	990.015	991.396
43.0	987.358	984.721	979.674	979.190	977.315	974.833	974.287	972.753	972.547	973.721
43.5	968.942	966.593	962.247	962.144	959.816	957.601	957.395	956.067	955.438	956.231
44.0	950.968	948.640	944.778	944.325	942.532	940.318	940.400	939.566	938.412	938.515
44.5	932.500	930.420	926.979	926.485	924.827	923.323	923.601	922.736	921.139	920.583
45.0	914.084	912.271	909.191	908.882	907.461	906.266	906.451	905.875	903.743	902.517
45.5	895.616	893.958	891.599	891.434	890.002	889.323	889.971	889.374	886.140	884.245
46.0	876.860	875.654	873.687	873.564	872.564	872.214	873.131	872.647	868.506	865.808
46.5	858.659	857.526	856.332	856.054	855.384	855.394	856.496	855.796	850.698	847.072
47.0	840.501	839.481	838.605	838.513	838.018	838.719	840.058	839.100	832.703	828.068
47.5	822.033	821.219	820.951	820.786	820.498	821.930	823.227	822.043	814.369	808.447
48.0	804.451	803.606	803.400	803.287	803.245	805.161	806.541	804.883	795.500	788.836
48.5	786.590	785.838	785.766	785.787	785.674	788.743	789.763	787.517	776.661	768.823
49.0	768.998	768.071	768.174	768.256	768.122	771.460	772.737	769.966	757.390	748.480
49.5	751.715	750.767	750.612	750.571	750.798	754.609	755.433	751.993	737.943	727.798
50.0	734.349	733.329	733.092	733.175	733.216	737.408	737.758	733.762	717.972	707.342
50.5	717.539	716.252	715.469	715.057	715.654	720.063	719.960	715.253	698.258	686.649
51.0	700.503	699.360	697.856	697.557	697.928	702.511	701.966	696.671	678.203	666.142
51.5	684.167	682.344	680.150	679.645	680.243	684.589	683.858	677.678	658.149	646.222
52.0	667.605	665.473	662.558	661.909	662.517	666.729	665.195	658.397	638.157	626.147
52.5	651.660	648.787	644.883	644.327	644.770	648.694	646.500	639.311	618.742	606.897
53.0	635.325	632.162	627.280	626.714	626.776	630.391	627.816	620.122	599.604	588.109
53.5	619.432	615.785	609.904	608.678	608.843	612.005	608.823	600.912	580.632	570.105
54.0	603.776	599.769	592.559	591.333	590.921	593.383	589.953	582.032	562.586	552.605
54.5	588.274	583.443	575.121	573.844	573.205	575.028	571.362	563.410	544.880	535.466

IES INDOOR REPORT
PHOTOMETRIC FILENAME : RG24-LED35DMV40.IES

CANDELA TABULATION - (Cont.)

55.0	572.752	567.365	558.075	556.550	555.407	556.488	552.451	544.911	527.514	518.821
55.5	557.652	551.493	541.203	539.308	537.536	537.825	534.137	526.999	510.736	503.093
56.0	542.892	535.713	524.383	522.364	520.160	519.759	516.123	509.335	494.462	487.787
56.5	527.834	520.335	507.697	505.555	502.846	501.867	498.293	491.846	478.847	472.729
57.0	513.249	504.927	491.372	489.137	485.542	484.121	480.814	475.335	463.500	458.381
57.5	498.798	489.899	475.530	472.863	468.794	466.940	464.015	459.019	448.658	444.363
58.0	484.625	475.118	459.710	456.753	452.170	449.914	447.174	442.735	434.258	430.756
58.5	470.700	460.647	444.466	441.231	436.174	433.342	430.993	427.234	420.508	417.789
59.0	457.176	446.453	429.510	426.173	420.570	417.263	415.162	411.948	406.901	405.243
59.5	443.806	432.662	414.657	411.392	405.068	401.576	399.805	397.240	393.738	392.667
60.0	430.818	419.148	400.588	397.116	390.298	386.168	384.540	382.593	380.842	381.038
60.5	418.211	406.088	386.919	383.150	375.960	371.397	369.739	368.482	368.379	369.605
61.0	405.562	392.914	373.529	369.852	361.942	356.946	355.546	354.392	356.308	358.481
61.5	393.625	380.657	360.860	357.029	348.655	343.041	341.486	340.878	344.617	347.769
62.0	381.883	368.750	348.470	344.586	335.728	329.291	327.767	328.034	333.133	337.655
62.5	370.615	356.895	336.645	332.659	323.471	316.107	314.572	314.799	322.102	327.705
63.0	359.460	345.833	325.150	321.236	311.575	303.489	301.738	302.542	311.503	318.466
63.5	348.624	334.822	314.274	310.071	300.008	290.903	289.348	290.316	301.182	309.422
64.0	338.200	324.306	303.520	299.586	288.802	279.120	277.091	278.543	291.212	300.781
64.5	327.715	314.253	293.632	289.471	278.172	267.542	265.524	267.357	281.870	292.695
65.0	318.373	304.633	284.064	279.727	268.130	256.336	254.286	256.511	272.940	285.042
65.5	308.516	295.085	274.928	270.705	258.448	245.748	243.482	246.077	264.164	277.812
66.0	299.143	285.835	266.255	261.744	249.198	235.695	233.058	235.901	256.182	270.756
66.5	290.079	277.266	257.860	253.298	240.227	225.724	223.098	226.641	248.467	264.257
67.0	281.128	268.974	249.899	245.274	231.513	216.176	213.601	217.577	240.999	258.025
67.5	272.383	260.940	242.338	237.590	223.417	207.267	204.517	209.008	234.078	252.237
68.0	264.071	253.205	235.262	230.298	215.630	198.532	196.040	200.943	227.774	246.695
68.5	255.800	245.974	228.320	223.613	208.338	190.395	187.893	193.424	221.378	241.195
69.0	247.674	238.867	221.893	217.237	200.932	182.516	180.466	186.512	215.826	236.138
69.5	240.165	232.193	215.816	210.851	194.433	175.347	173.462	179.900	210.171	231.153
70.0	232.409	225.827	209.780	204.898	187.831	168.456	166.850	173.843	205.124	226.353
70.5	225.282	219.678	204.270	199.367	181.754	161.978	160.968	168.271	200.397	221.831
71.0	218.350	213.766	198.955	193.794	176.006	156.282	155.551	163.430	196.019	217.402
71.5	211.129	208.307	193.856	188.799	170.516	151.101	150.751	158.877	191.498	213.220
72.0	204.692	203.003	189.046	183.690	165.202	146.270	146.332	154.871	187.439	208.935
72.5	198.193	197.678	184.298	179.117	160.340	142.150	142.634	151.194	183.443	204.651
73.0	192.219	192.661	179.786	174.276	155.674	138.329	139.441	147.846	179.560	200.356
73.5	186.523	187.759	175.213	169.868	151.080	135.033	136.578	144.972	175.800	195.968
74.0	181.136	183.155	170.805	165.480	146.899	132.118	133.931	142.181	171.763	191.807
74.5	176.346	178.612	166.438	161.102	142.861	129.512	131.593	139.750	168.065	187.130
75.0	171.176	173.823	161.834	156.560	138.998	127.329	129.770	137.309	164.089	182.887
75.5	166.530	169.136	157.260	152.172	135.363	125.279	127.957	135.177	160.144	178.283
76.0	161.978	164.625	152.440	147.712	131.675	123.456	126.299	132.994	155.952	173.689
76.5	157.518	160.031	147.681	142.974	128.451	121.818	124.630	130.995	151.770	168.868
77.0	153.109	155.056	142.542	138.689	125.196	119.985	123.147	129.049	147.640	164.089
77.5	149.031	150.112	137.505	133.859	122.148	118.306	121.571	126.937	143.489	159.362
78.0	144.725	145.261	132.448	128.853	119.233	116.483	119.686	124.774	139.266	154.541
78.5	140.574	139.946	127.370	124.465	116.277	114.484	117.791	122.374	135.126	149.762
79.0	136.310	134.456	122.168	119.490	113.228	112.435	115.422	119.871	130.872	145.199
79.5	131.675	129.265	117.121	114.577	110.416	109.942	112.981	117.008	126.577	140.698
80.0	126.978	123.528	111.806	109.654	107.285	107.357	110.210	113.866	122.426	136.176
80.5	121.859	117.853	106.327	104.875	103.989	104.566	107.264	110.560	118.316	131.716
81.0	116.431	112.291	101.228	99.694	100.569	101.259	103.711	106.873	114.021	126.886
81.5	110.653	106.636	96.078	94.750	96.841	97.448	100.075	103.093	110.138	122.385
82.0	104.133	100.899	90.836	89.837	92.906	93.730	95.697	98.911	106.028	117.739
82.5	98.252	95.172	85.706	85.181	88.425	89.373	91.402	94.369	101.867	112.909

IES INDOOR REPORT
PHOTOMETRIC FILENAME : RG24-LED35DMV40.IES

CANDELA TABULATION - (Cont.)

83.0	91.907	89.435	80.845	79.969	83.966	84.707	86.767	89.558	97.510	107.882
83.5	85.305	83.760	76.148	75.293	78.929	79.784	81.555	84.398	93.143	102.928
84.0	79.197	78.218	70.895	70.442	73.810	74.345	76.282	78.991	88.364	97.294
84.5	72.708	72.656	65.941	65.570	68.320	68.897	70.648	73.645	83.739	91.732
85.0	66.517	67.043	61.048	60.554	62.665	63.118	65.127	67.949	78.383	85.531
85.5	60.162	61.378	55.970	55.527	56.877	57.124	59.112	62.346	72.924	79.032
86.0	54.126	55.445	50.429	50.563	51.006	51.016	53.385	56.516	66.888	71.709
86.5	47.462	49.378	44.867	44.836	45.104	44.970	47.524	50.666	60.142	63.582
87.0	41.097	43.054	39.047	39.037	39.027	38.409	41.262	44.620	53.127	55.538
87.5	34.423	36.709	33.145	32.981	32.816	32.321	35.308	38.512	45.794	47.823
88.0	27.480	29.880	26.955	26.801	26.625	26.193	29.149	32.229	38.244	40.118
88.5	20.569	23.165	21.053	20.754	20.734	20.415	23.329	25.812	30.869	32.898
89.0	13.967	16.861	15.275	14.883	15.182	15.162	17.603	19.838	24.195	26.049
89.5	8.436	10.784	10.115	9.898	10.382	10.218	12.422	14.605	17.840	19.158
90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Vert. Horizontal Angles

	<u>70.0</u>	<u>80.0</u>	<u>90.0</u>
0.0	1659.381	1659.381	1659.381
0.5	1657.795	1656.734	1656.261
1.0	1657.630	1656.570	1656.343
1.5	1657.064	1656.044	1655.632
2.0	1656.755	1655.529	1655.375
2.5	1656.116	1654.994	1654.716
3.0	1655.303	1654.262	1654.015
3.5	1654.417	1653.541	1653.119
4.0	1653.686	1652.532	1652.038
4.5	1652.965	1651.873	1650.894
5.0	1651.729	1650.668	1650.153
5.5	1650.451	1649.390	1648.865
6.0	1648.896	1647.753	1647.114
6.5	1646.970	1645.950	1645.487
7.0	1645.126	1643.973	1643.056
7.5	1642.644	1641.645	1641.120
8.0	1640.635	1639.801	1639.307
8.5	1638.339	1637.175	1636.742
9.0	1635.588	1634.352	1633.982
9.5	1632.983	1631.561	1631.067
10.0	1629.820	1628.327	1628.049
10.5	1626.689	1625.144	1624.876
11.0	1623.393	1622.322	1621.364
11.5	1619.932	1618.532	1617.615
12.0	1615.946	1614.772	1613.701
12.5	1611.754	1610.529	1609.560
13.0	1607.500	1606.512	1604.719
13.5	1603.133	1602.093	1600.126
14.0	1598.663	1597.551	1595.511
14.5	1593.843	1592.627	1590.650
15.0	1589.146	1587.848	1585.561
15.5	1584.058	1582.688	1580.556
16.0	1578.393	1577.074	1575.406
16.5	1572.728	1571.595	1570.256
17.0	1566.970	1565.219	1563.787
17.5	1561.315	1559.059	1557.339
18.0	1555.197	1552.962	1550.716

IES INDOOR REPORT
PHOTOMETRIC FILENAME : RG24-LED35DMV40.IES

CANDELA TABULATION - (Cont.)

18.5	1548.698	1546.349	1544.176
19.0	1541.848	1539.356	1538.078
19.5	1535.040	1532.671	1531.219
20.0	1528.098	1525.502	1524.338
20.5	1520.949	1518.107	1517.592
21.0	1513.430	1511.031	1509.980
21.5	1505.870	1503.409	1501.658
22.0	1498.145	1495.405	1493.696
22.5	1489.926	1487.557	1485.816
23.0	1481.789	1479.379	1477.566
23.5	1472.869	1470.840	1468.965
24.0	1464.732	1462.662	1460.571
24.5	1455.750	1454.020	1451.435
25.0	1446.614	1445.080	1442.989
25.5	1437.777	1436.026	1433.667
26.0	1428.435	1426.725	1424.624
26.5	1418.969	1417.074	1415.148
27.0	1409.215	1407.299	1405.219
27.5	1399.255	1397.442	1395.547
28.0	1388.914	1387.513	1385.432
28.5	1378.531	1377.625	1375.215
29.0	1368.005	1367.160	1364.987
29.5	1357.190	1356.654	1354.574
30.0	1346.509	1346.086	1344.160
30.5	1335.622	1335.240	1333.376
31.0	1324.559	1324.086	1322.159
31.5	1312.920	1312.714	1311.324
32.0	1301.817	1301.014	1300.159
32.5	1289.797	1289.323	1288.499
33.0	1277.828	1277.746	1276.376
33.5	1265.582	1265.520	1264.263
34.0	1253.067	1253.489	1252.408
34.5	1240.244	1240.965	1239.821
35.0	1227.399	1228.141	1227.039
35.5	1213.711	1214.741	1214.143
36.0	1199.795	1201.485	1200.774
36.5	1185.386	1187.538	1187.137
37.0	1170.698	1173.067	1173.211
37.5	1155.887	1158.441	1158.771
38.0	1140.952	1143.588	1143.588
38.5	1125.635	1127.963	1128.138
39.0	1109.650	1112.132	1111.916
39.5	1093.355	1095.930	1096.054
40.0	1076.989	1079.471	1079.893
40.5	1060.612	1062.981	1063.320
41.0	1043.967	1046.192	1046.439
41.5	1026.817	1028.991	1029.403
42.0	1009.575	1012.016	1012.572
42.5	992.261	994.537	995.536
43.0	974.679	976.708	977.975
43.5	956.973	959.012	960.053
44.0	938.855	940.699	942.069
44.5	920.748	922.458	924.013
45.0	902.311	903.804	905.009
45.5	883.750	884.718	885.996
46.0	865.097	865.560	866.281

IES INDOOR REPORT
PHOTOMETRIC FILENAME : RG24-LED35DMV40.IES

CANDELA TABULATION - (Cont.)

46.5	846.310	845.517	846.505
47.0	826.987	825.648	825.823
47.5	807.273	804.842	804.790
48.0	787.322	784.036	784.015
48.5	767.144	762.725	762.622
49.0	746.389	741.538	741.085
49.5	725.470	720.300	719.939
50.0	704.582	699.349	699.308
50.5	683.807	678.688	678.677
51.0	663.371	658.458	659.128
51.5	643.276	638.724	639.980
52.0	623.541	619.710	621.193
52.5	604.342	601.345	603.302
53.0	585.885	583.598	586.039
53.5	567.860	566.304	569.188
54.0	550.514	549.865	553.275
54.5	533.818	533.942	537.547
55.0	517.585	518.399	522.416
55.5	501.991	503.433	507.841
56.0	486.562	488.817	493.391
56.5	471.781	474.727	479.455
57.0	457.783	461.141	465.900
57.5	444.033	447.895	453.282
58.0	430.530	434.825	440.078
58.5	417.531	422.382	427.615
59.0	405.264	410.228	415.430
59.5	393.058	398.322	403.369
60.0	381.522	386.868	391.894
60.5	370.089	375.682	380.451
61.0	359.357	365.125	369.492
61.5	349.015	354.567	359.068
62.0	339.107	344.659	348.676
62.5	329.209	335.049	338.623
63.0	320.114	326.026	329.209
63.5	311.420	317.405	320.412
64.0	303.180	309.103	311.585
64.5	295.332	301.203	303.273
65.0	288.163	293.910	295.198
65.5	281.097	286.731	287.545
66.0	274.258	279.995	280.150
66.5	268.006	273.671	273.455
67.0	262.011	267.203	266.914
67.5	256.367	261.538	260.672
68.0	250.959	255.605	254.606
68.5	245.758	250.414	249.023
69.0	240.845	245.047	243.770
69.5	236.024	240.186	238.569
70.0	231.379	235.468	234.026
70.5	226.919	230.947	229.515
71.0	222.573	226.281	225.312
71.5	218.123	221.986	221.182
72.0	213.890	217.464	217.268
72.5	209.646	213.313	213.663
73.0	205.135	208.997	209.955
73.5	200.623	205.166	206.402
74.0	196.380	200.891	203.147

IES INDOOR REPORT
PHOTOMETRIC FILENAME : RG24-LED35DMV40.IES

CANDELA TABULATION - (Cont.)

74.5	191.848	196.926	199.768
75.0	187.439	192.795	196.565
75.5	182.650	188.675	192.867
76.0	177.943	184.607	189.592
76.5	173.122	180.322	185.894
77.0	168.426	175.975	182.032
77.5	163.646	171.639	178.283
78.0	158.970	167.200	174.018
78.5	154.304	162.699	169.929
79.0	149.577	158.074	165.315
79.5	145.178	153.367	160.309
80.0	140.688	148.238	155.221
80.5	136.053	143.191	149.669
81.0	131.356	137.907	144.128
81.5	126.793	132.623	137.907
82.0	121.849	127.071	131.922
82.5	117.029	121.262	125.567
83.0	111.858	115.545	118.594
83.5	106.255	109.736	111.621
84.0	100.991	103.566	104.040
84.5	95.172	97.314	96.326
85.0	88.827	90.970	88.127
85.5	81.885	84.687	80.185
86.0	74.716	77.713	71.956
86.5	66.785	70.174	63.953
87.0	58.679	61.718	55.857
87.5	50.470	52.808	47.782
88.0	42.426	44.002	39.676
88.5	34.536	36.091	31.961
89.0	27.223	29.149	24.874
89.5	20.126	22.959	18.097
90.0	0.000	0.000	0.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : RG24-LED35DMV40.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	606.15	N.A.	16.10
0-30	1275.59	N.A.	33.90
0-40	2042.86	N.A.	54.30
0-60	3229.07	N.A.	85.80
0-80	3686.41	N.A.	98.00
0-90	3762.5	N.A.	100.00
10-90	3605.41	N.A.	95.80
20-40	1436.71	N.A.	38.20
20-50	2133.7	N.A.	56.70
40-70	1470.51	N.A.	39.10
60-80	457.34	N.A.	12.20
70-80	173.03	N.A.	4.60
80-90	76.09	N.A.	2.00
90-110	0.00	N.A.	0.00
90-120	0.00	N.A.	0.00
90-130	0.00	N.A.	0.00
90-150	0.00	N.A.	0.00
90-180	0.00	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	3762.5	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	157.09
10-20	449.06
20-30	669.44
30-40	767.27
40-50	696.99
50-60	489.22
60-70	284.30
70-80	173.03
80-90	76.09
90-100	0.00
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

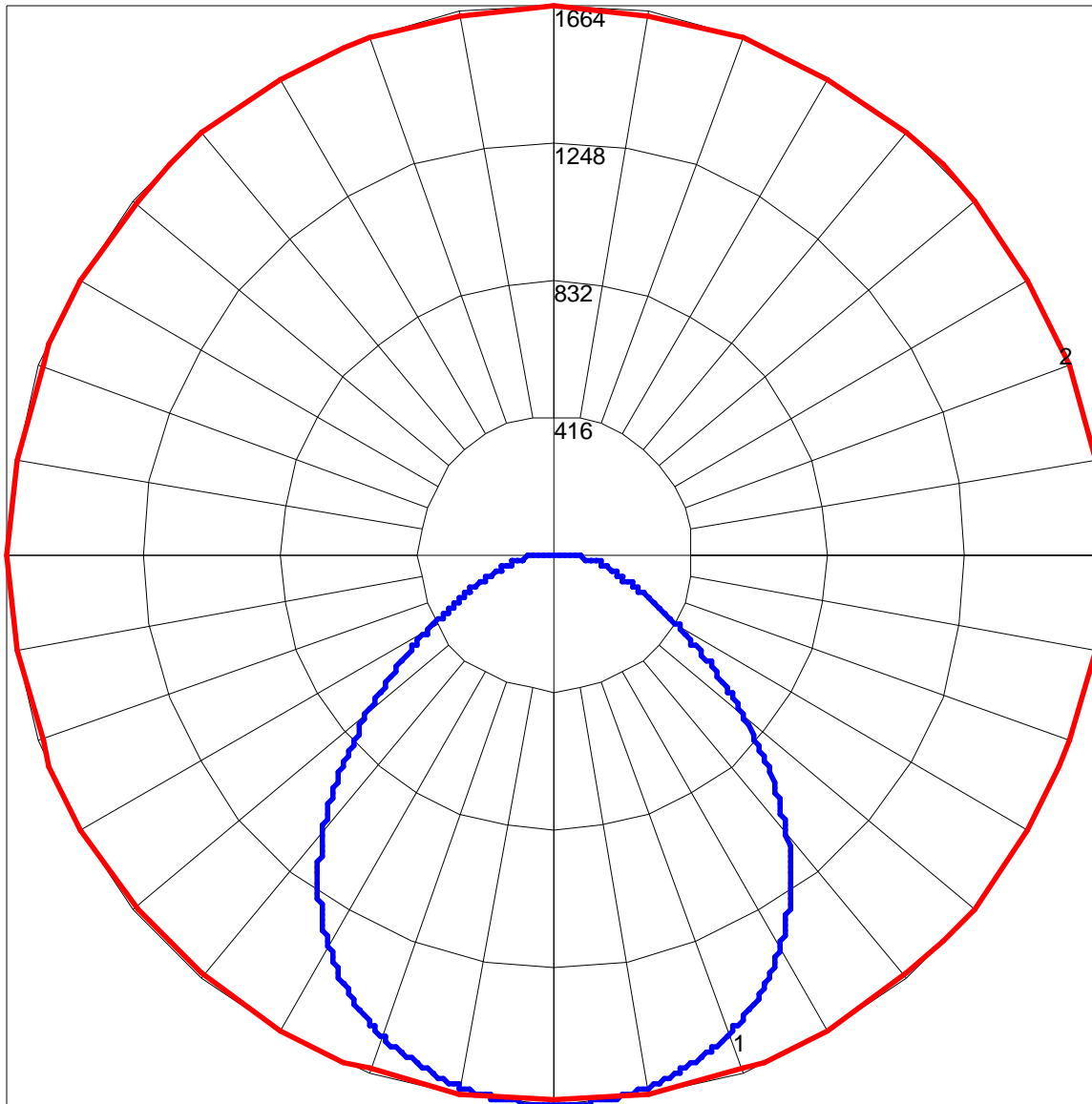
IES INDOOR REPORT
PHOTOMETRIC FILENAME : RG24-LED35DMV40.IES

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	101	98	107	103	100	96	99	96	93	95	93	90	91	90	88	86
2	101	93	87	82	98	91	86	81	88	83	79	85	81	77	82	79	76	74
3	93	83	76	70	90	82	75	69	79	73	68	76	71	67	74	69	66	64
4	86	75	66	60	83	73	66	60	71	64	59	69	63	58	66	62	58	55
5	79	67	59	53	77	66	58	52	64	57	52	62	56	51	60	55	51	49
6	74	61	53	47	72	60	52	46	58	51	46	57	50	46	55	50	45	43
7	68	56	47	42	67	55	47	42	53	46	41	52	46	41	51	45	41	39
8	64	51	43	37	62	50	43	37	49	42	37	48	42	37	47	41	37	35
9	60	47	39	34	58	47	39	34	45	39	34	44	38	34	43	38	33	32
10	56	44	36	31	55	43	36	31	42	35	31	41	35	31	40	35	31	29

POLAR GRAPH



Maximum Candela = 1664.428 Located At Horizontal Angle = 0, Vertical Angle = .5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)