



IES INDOOR REPORT

PHOTOMETRIC FILENAME : RG14-LED48DMV50.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] LLI-15041-3-R01
 [TESTLAB] LightLab International (www.LightLabInt.com)
 [MANUFAC] Mobern Lighting Company
 [LUMCAT] RG14-LED48DMV50
 [LUMINAIRE] Mobern Lighting - LED 1x4 troffer luminaire. Catalog number: RG14-LED48DMV50
 [ISSUEDATE] Monday, May 4, 2015 1:19:58 PM

CHARACTERISTICS

| | |
|---------------------------------|-----------------|
| Lumens Per Lamp | N.A. (absolute) |
| Total Lamp Lumens | N.A. (absolute) |
| Luminaire Lumens | 4837 |
| Total Luminaire Efficiency | N.A. |
| Luminaire Efficacy Rating (LER) | 101 |
| Total Luminaire Watts | 48 |
| 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) | 1.16 m |
| Luminous Width (90-270) | 0.28 m |
| Luminous Height | 0.00 m |

LUMINANCE DATA (cd/sq.m)

| Angle In Degrees | Average 0-Deg | Average 45-Deg | Average 90-Deg |
|------------------|---------------|----------------|----------------|
| 45 | 5125 | 5074 | 5054 |
| 55 | 3965 | 3813 | 3595 |
| 65 | 2984 | 2384 | 2764 |
| 75 | 2626 | 1980 | 2992 |
| 85 | 2989 | 2957 | 3967 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : RG14-LED48DMV50.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 | 2123.248 | 2123.248 | 2123.248 | 2123.248 | 2123.248 | 2123.248 | 2123.248 | 2123.248 | 2123.248 | 2123.248 |
| 0.5 | 2128.504 | 2126.672 | 2123.624 | 2123.296 | 2123.664 | 2124.512 | 2124.008 | 2122.904 | 2122.032 | 2120.808 |
| 1.0 | 2127.680 | 2125.664 | 2122.536 | 2122.392 | 2122.664 | 2123.704 | 2122.920 | 2122.360 | 2121.128 | 2120.304 |
| 1.5 | 2126.344 | 2124.480 | 2121.768 | 2121.112 | 2121.864 | 2122.520 | 2122.136 | 2121.128 | 2119.904 | 2119.536 |
| 2.0 | 2126.096 | 2123.848 | 2120.792 | 2120.616 | 2121.016 | 2122.152 | 2121.616 | 2120.768 | 2119.264 | 2119.048 |
| 2.5 | 2125.192 | 2122.944 | 2119.856 | 2119.832 | 2120.192 | 2121.328 | 2120.584 | 2119.616 | 2118.872 | 2118.472 |
| 3.0 | 2124.632 | 2122.120 | 2118.896 | 2118.608 | 2119.024 | 2120.224 | 2119.320 | 2118.888 | 2117.640 | 2117.360 |
| 3.5 | 2122.864 | 2121.080 | 2117.984 | 2117.792 | 2118.064 | 2119.344 | 2118.568 | 2118.048 | 2116.808 | 2116.640 |
| 4.0 | 2121.688 | 2119.944 | 2117.160 | 2116.680 | 2117.000 | 2118.240 | 2117.336 | 2117.152 | 2116.448 | 2116.232 |
| 4.5 | 2120.944 | 2118.144 | 2115.376 | 2115.328 | 2115.560 | 2116.760 | 2116.600 | 2115.992 | 2115.200 | 2114.760 |
| 5.0 | 2119.328 | 2117.200 | 2113.664 | 2113.744 | 2114.120 | 2115.192 | 2114.888 | 2113.968 | 2113.560 | 2113.704 |
| 5.5 | 2117.560 | 2115.184 | 2112.040 | 2112.056 | 2112.368 | 2113.744 | 2113.408 | 2112.448 | 2111.920 | 2111.624 |
| 6.0 | 2116.128 | 2113.240 | 2110.000 | 2109.656 | 2110.736 | 2111.592 | 2111.184 | 2110.416 | 2110.072 | 2109.808 |
| 6.5 | 2113.968 | 2111.176 | 2108.264 | 2107.800 | 2108.408 | 2109.288 | 2108.960 | 2108.272 | 2107.448 | 2107.424 |
| 7.0 | 2111.696 | 2108.832 | 2105.320 | 2105.504 | 2105.792 | 2107.384 | 2107.288 | 2105.992 | 2104.928 | 2104.800 |
| 7.5 | 2109.232 | 2105.752 | 2103.120 | 2102.624 | 2103.408 | 2105.256 | 2104.648 | 2103.168 | 2102.744 | 2102.448 |
| 8.0 | 2105.824 | 2102.992 | 2100.568 | 2099.896 | 2100.744 | 2102.296 | 2101.984 | 2100.744 | 2100.208 | 2099.872 |
| 8.5 | 2102.800 | 2100.376 | 2097.576 | 2097.160 | 2098.496 | 2099.736 | 2098.872 | 2097.792 | 2097.200 | 2096.800 |
| 9.0 | 2099.216 | 2097.080 | 2094.816 | 2094.624 | 2095.160 | 2096.584 | 2095.848 | 2095.000 | 2094.016 | 2093.176 |
| 9.5 | 2095.344 | 2093.728 | 2091.880 | 2091.656 | 2092.496 | 2093.304 | 2092.560 | 2091.664 | 2090.624 | 2089.520 |
| 10.0 | 2091.640 | 2089.848 | 2088.296 | 2088.144 | 2089.168 | 2089.512 | 2088.728 | 2088.320 | 2086.968 | 2085.792 |
| 10.5 | 2088.128 | 2086.256 | 2084.680 | 2084.824 | 2085.600 | 2086.072 | 2085.224 | 2084.440 | 2083.304 | 2082.120 |
| 11.0 | 2084.872 | 2081.936 | 2080.400 | 2080.664 | 2081.744 | 2082.576 | 2081.472 | 2080.728 | 2079.056 | 2077.808 |
| 11.5 | 2080.680 | 2078.016 | 2076.104 | 2076.768 | 2077.832 | 2078.040 | 2077.352 | 2076.472 | 2074.480 | 2073.688 |
| 12.0 | 2076.072 | 2073.616 | 2072.528 | 2072.680 | 2073.312 | 2073.576 | 2073.072 | 2072.288 | 2069.528 | 2069.176 |
| 12.5 | 2071.536 | 2069.264 | 2067.984 | 2068.032 | 2068.192 | 2069.160 | 2068.560 | 2067.200 | 2064.880 | 2064.080 |
| 13.0 | 2066.056 | 2064.272 | 2063.464 | 2063.400 | 2063.016 | 2064.368 | 2064.088 | 2062.456 | 2059.680 | 2058.816 |
| 13.5 | 2061.336 | 2059.224 | 2058.232 | 2058.088 | 2058.480 | 2059.248 | 2058.624 | 2057.424 | 2054.216 | 2053.376 |
| 14.0 | 2056.280 | 2053.920 | 2053.552 | 2052.936 | 2053.152 | 2053.872 | 2053.224 | 2051.992 | 2048.232 | 2048.120 |
| 14.5 | 2050.936 | 2048.504 | 2047.896 | 2047.688 | 2047.608 | 2048.000 | 2047.496 | 2046.088 | 2042.880 | 2041.760 |
| 15.0 | 2045.448 | 2042.944 | 2042.096 | 2041.784 | 2042.232 | 2042.232 | 2041.504 | 2039.936 | 2036.632 | 2036.032 |
| 15.5 | 2039.880 | 2037.288 | 2036.184 | 2036.000 | 2036.496 | 2036.192 | 2034.960 | 2033.176 | 2030.304 | 2029.368 |
| 16.0 | 2033.592 | 2031.360 | 2029.696 | 2029.768 | 2030.688 | 2029.408 | 2028.416 | 2026.288 | 2023.848 | 2022.848 |
| 16.5 | 2027.752 | 2025.360 | 2023.840 | 2023.840 | 2024.360 | 2022.688 | 2021.680 | 2019.688 | 2016.944 | 2015.656 |
| 17.0 | 2021.408 | 2018.552 | 2017.024 | 2017.456 | 2017.816 | 2016.032 | 2014.200 | 2012.320 | 2009.584 | 2008.064 |
| 17.5 | 2014.600 | 2012.016 | 2010.504 | 2010.712 | 2010.712 | 2008.976 | 2006.992 | 2005.192 | 2001.976 | 2000.280 |
| 18.0 | 2007.928 | 2005.248 | 2003.800 | 2003.344 | 2003.584 | 2001.280 | 1999.504 | 1997.664 | 1994.360 | 1992.560 |
| 18.5 | 2000.976 | 1998.248 | 1996.784 | 1995.960 | 1996.056 | 1993.728 | 1991.976 | 1989.672 | 1986.696 | 1984.632 |
| 19.0 | 1993.864 | 1990.960 | 1988.896 | 1988.200 | 1988.032 | 1985.720 | 1983.864 | 1981.600 | 1979.152 | 1976.264 |
| 19.5 | 1986.224 | 1983.320 | 1981.280 | 1980.568 | 1980.048 | 1977.768 | 1975.680 | 1973.016 | 1970.200 | 1967.832 |
| 20.0 | 1978.024 | 1975.784 | 1973.192 | 1972.576 | 1971.752 | 1969.112 | 1967.072 | 1964.992 | 1961.288 | 1958.872 |
| 20.5 | 1969.488 | 1967.456 | 1965.056 | 1964.536 | 1963.360 | 1960.768 | 1957.896 | 1955.864 | 1951.792 | 1949.280 |
| 21.0 | 1960.832 | 1959.520 | 1956.728 | 1956.200 | 1954.952 | 1952.064 | 1949.296 | 1946.432 | 1942.512 | 1939.808 |
| 21.5 | 1952.048 | 1950.664 | 1947.480 | 1947.352 | 1945.768 | 1942.568 | 1939.496 | 1936.672 | 1933.056 | 1930.416 |
| 22.0 | 1943.096 | 1941.584 | 1938.088 | 1937.864 | 1936.640 | 1932.928 | 1929.200 | 1926.768 | 1922.624 | 1920.408 |
| 22.5 | 1934.400 | 1932.240 | 1928.720 | 1928.312 | 1926.520 | 1923.112 | 1919.576 | 1916.656 | 1912.624 | 1910.232 |
| 23.0 | 1925.128 | 1922.568 | 1918.952 | 1918.080 | 1916.624 | 1913.008 | 1909.816 | 1906.464 | 1902.200 | 1900.168 |
| 23.5 | 1915.480 | 1912.232 | 1908.960 | 1908.144 | 1906.496 | 1902.240 | 1899.296 | 1895.680 | 1891.136 | 1889.840 |
| 24.0 | 1905.032 | 1902.312 | 1899.120 | 1898.104 | 1895.944 | 1891.496 | 1888.240 | 1884.896 | 1880.416 | 1878.752 |
| 24.5 | 1894.744 | 1891.416 | 1888.600 | 1887.720 | 1885.312 | 1880.296 | 1877.224 | 1873.864 | 1869.256 | 1867.472 |
| 25.0 | 1884.136 | 1880.992 | 1877.704 | 1877.000 | 1873.712 | 1868.912 | 1865.432 | 1862.296 | 1857.720 | 1856.112 |
| 25.5 | 1873.552 | 1870.824 | 1866.968 | 1865.864 | 1862.320 | 1857.200 | 1853.776 | 1850.296 | 1846.168 | 1844.160 |
| 26.0 | 1862.928 | 1859.432 | 1855.304 | 1854.192 | 1850.568 | 1844.928 | 1841.832 | 1838.384 | 1834.224 | 1832.392 |
| 26.5 | 1851.208 | 1847.848 | 1843.768 | 1842.096 | 1838.528 | 1832.576 | 1828.912 | 1826.032 | 1822.112 | 1820.672 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : RG14-LED48DMV50.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 27.0 | 1839.904 | 1836.136 | 1831.840 | 1829.968 | 1826.056 | 1820.192 | 1816.784 | 1813.064 | 1809.704 | 1808.728 |
| 27.5 | 1827.296 | 1824.248 | 1819.088 | 1817.264 | 1813.480 | 1807.080 | 1804.232 | 1800.632 | 1797.144 | 1796.256 |
| 28.0 | 1814.544 | 1811.376 | 1805.664 | 1804.088 | 1800.120 | 1793.944 | 1791.368 | 1787.944 | 1784.080 | 1783.216 |
| 28.5 | 1801.600 | 1798.544 | 1792.664 | 1790.712 | 1786.456 | 1780.416 | 1777.848 | 1774.416 | 1770.768 | 1770.296 |
| 29.0 | 1788.960 | 1785.200 | 1778.680 | 1777.112 | 1773.048 | 1766.464 | 1763.920 | 1761.000 | 1757.848 | 1757.016 |
| 29.5 | 1775.384 | 1771.200 | 1764.648 | 1763.208 | 1759.104 | 1752.920 | 1749.896 | 1747.176 | 1744.208 | 1742.688 |
| 30.0 | 1761.600 | 1757.464 | 1750.864 | 1749.208 | 1744.864 | 1738.640 | 1735.728 | 1732.832 | 1730.096 | 1728.920 |
| 30.5 | 1747.056 | 1743.032 | 1736.120 | 1734.640 | 1730.376 | 1724.352 | 1721.376 | 1718.912 | 1716.024 | 1714.720 |
| 31.0 | 1732.976 | 1727.960 | 1720.896 | 1719.496 | 1715.336 | 1709.672 | 1706.712 | 1704.448 | 1701.328 | 1700.840 |
| 31.5 | 1717.688 | 1712.840 | 1705.912 | 1704.200 | 1700.400 | 1694.736 | 1691.632 | 1689.976 | 1687.040 | 1686.536 |
| 32.0 | 1702.728 | 1697.656 | 1689.920 | 1688.672 | 1684.592 | 1679.512 | 1676.992 | 1674.656 | 1671.896 | 1671.864 |
| 32.5 | 1686.624 | 1681.952 | 1673.904 | 1672.312 | 1668.800 | 1663.824 | 1661.536 | 1659.312 | 1657.032 | 1656.720 |
| 33.0 | 1670.744 | 1666.152 | 1657.960 | 1656.384 | 1652.336 | 1648.048 | 1646.144 | 1643.480 | 1641.112 | 1641.192 |
| 33.5 | 1655.160 | 1650.112 | 1641.064 | 1639.776 | 1635.440 | 1632.128 | 1630.264 | 1627.248 | 1625.192 | 1625.280 |
| 34.0 | 1638.096 | 1633.096 | 1624.312 | 1622.400 | 1618.800 | 1615.128 | 1614.104 | 1611.304 | 1608.872 | 1609.448 |
| 34.5 | 1620.336 | 1615.816 | 1606.648 | 1605.208 | 1602.184 | 1598.960 | 1597.216 | 1594.280 | 1591.744 | 1592.888 |
| 35.0 | 1602.824 | 1598.576 | 1588.968 | 1587.160 | 1584.568 | 1581.128 | 1580.072 | 1577.360 | 1574.840 | 1576.144 |
| 35.5 | 1585.224 | 1580.560 | 1571.048 | 1568.968 | 1566.848 | 1563.360 | 1562.096 | 1559.536 | 1557.208 | 1558.856 |
| 36.0 | 1566.760 | 1561.880 | 1552.928 | 1551.144 | 1548.984 | 1545.536 | 1543.712 | 1541.800 | 1539.208 | 1540.624 |
| 36.5 | 1547.976 | 1543.280 | 1533.800 | 1532.264 | 1530.296 | 1527.184 | 1525.584 | 1522.736 | 1520.704 | 1522.496 |
| 37.0 | 1528.968 | 1524.216 | 1514.440 | 1513.696 | 1511.784 | 1508.592 | 1506.512 | 1503.968 | 1501.600 | 1503.216 |
| 37.5 | 1510.056 | 1504.928 | 1495.848 | 1494.256 | 1492.712 | 1489.400 | 1487.360 | 1484.920 | 1482.280 | 1484.144 |
| 38.0 | 1489.720 | 1485.056 | 1476.000 | 1474.800 | 1473.104 | 1469.136 | 1467.360 | 1465.176 | 1462.496 | 1465.072 |
| 38.5 | 1469.576 | 1464.528 | 1455.848 | 1454.568 | 1453.384 | 1449.144 | 1447.160 | 1444.568 | 1442.232 | 1444.824 |
| 39.0 | 1448.920 | 1444.320 | 1435.432 | 1434.480 | 1432.864 | 1428.712 | 1426.248 | 1423.800 | 1421.744 | 1424.800 |
| 39.5 | 1428.024 | 1423.264 | 1415.016 | 1413.904 | 1412.600 | 1408.144 | 1405.968 | 1402.768 | 1401.360 | 1404.152 |
| 40.0 | 1406.864 | 1402.120 | 1393.760 | 1393.264 | 1391.848 | 1387.224 | 1384.872 | 1381.584 | 1380.408 | 1383.080 |
| 40.5 | 1384.936 | 1380.456 | 1373.104 | 1372.080 | 1370.296 | 1365.640 | 1363.504 | 1360.592 | 1359.696 | 1362.504 |
| 41.0 | 1363.416 | 1358.984 | 1351.664 | 1350.720 | 1349.040 | 1344.448 | 1341.760 | 1339.240 | 1338.880 | 1341.304 |
| 41.5 | 1341.632 | 1336.696 | 1329.768 | 1329.016 | 1326.808 | 1322.432 | 1319.688 | 1317.720 | 1316.936 | 1319.456 |
| 42.0 | 1318.560 | 1314.224 | 1307.680 | 1307.064 | 1304.832 | 1300.160 | 1298.280 | 1296.096 | 1295.824 | 1298.072 |
| 42.5 | 1296.008 | 1291.720 | 1285.736 | 1284.952 | 1282.720 | 1278.224 | 1276.368 | 1274.712 | 1274.368 | 1276.312 |
| 43.0 | 1272.488 | 1268.968 | 1263.128 | 1263.008 | 1260.056 | 1256.240 | 1254.376 | 1253.176 | 1252.520 | 1253.944 |
| 43.5 | 1249.720 | 1246.056 | 1241.152 | 1240.760 | 1237.960 | 1234.016 | 1232.672 | 1231.624 | 1230.600 | 1231.000 |
| 44.0 | 1226.384 | 1222.880 | 1218.736 | 1218.136 | 1215.560 | 1212.160 | 1210.848 | 1210.288 | 1209.000 | 1208.280 |
| 44.5 | 1202.728 | 1200.160 | 1195.904 | 1195.528 | 1193.032 | 1190.280 | 1189.208 | 1188.760 | 1186.664 | 1185.224 |
| 45.0 | 1179.472 | 1176.848 | 1173.168 | 1173.208 | 1170.832 | 1168.296 | 1167.752 | 1167.600 | 1164.312 | 1162.304 |
| 45.5 | 1156.056 | 1153.288 | 1150.504 | 1150.488 | 1148.344 | 1146.304 | 1146.752 | 1145.880 | 1141.664 | 1139.120 |
| 46.0 | 1132.328 | 1129.944 | 1127.856 | 1127.896 | 1125.968 | 1124.384 | 1125.264 | 1124.464 | 1119.024 | 1115.024 |
| 46.5 | 1108.680 | 1106.424 | 1105.552 | 1105.584 | 1104.000 | 1102.704 | 1103.760 | 1103.144 | 1096.040 | 1090.960 |
| 47.0 | 1085.928 | 1083.416 | 1082.632 | 1082.568 | 1081.568 | 1081.288 | 1082.800 | 1081.336 | 1072.968 | 1066.280 |
| 47.5 | 1062.344 | 1060.616 | 1059.728 | 1059.800 | 1059.104 | 1059.616 | 1061.032 | 1059.256 | 1048.920 | 1041.264 |
| 48.0 | 1039.560 | 1037.720 | 1037.440 | 1037.536 | 1036.744 | 1038.688 | 1039.272 | 1037.464 | 1024.640 | 1016.272 |
| 48.5 | 1016.216 | 1015.000 | 1014.696 | 1015.000 | 1014.200 | 1016.568 | 1017.736 | 1014.512 | 1000.344 | 990.232 |
| 49.0 | 993.896 | 992.344 | 991.744 | 992.008 | 991.536 | 994.936 | 995.512 | 991.536 | 975.480 | 963.640 |
| 49.5 | 971.632 | 969.776 | 969.752 | 969.240 | 969.504 | 972.912 | 973.304 | 968.752 | 950.144 | 937.184 |
| 50.0 | 949.184 | 947.592 | 946.928 | 946.456 | 946.736 | 950.896 | 950.712 | 944.888 | 924.360 | 910.568 |
| 50.5 | 927.704 | 925.520 | 923.880 | 923.616 | 923.656 | 928.312 | 927.560 | 920.936 | 898.536 | 883.576 |
| 51.0 | 905.752 | 903.280 | 901.120 | 900.976 | 901.192 | 905.760 | 903.752 | 896.696 | 872.696 | 857.360 |
| 51.5 | 884.152 | 881.776 | 878.480 | 878.288 | 878.440 | 882.712 | 880.288 | 872.440 | 847.080 | 831.592 |
| 52.0 | 863.232 | 859.672 | 855.704 | 855.296 | 855.576 | 859.576 | 856.840 | 848.048 | 821.600 | 805.624 |
| 52.5 | 841.920 | 838.440 | 833.584 | 832.144 | 832.288 | 836.120 | 832.744 | 822.800 | 796.320 | 780.928 |
| 53.0 | 821.400 | 817.008 | 810.600 | 809.528 | 809.432 | 812.696 | 808.400 | 798.472 | 771.760 | 757.096 |
| 53.5 | 800.768 | 795.648 | 787.600 | 786.440 | 786.592 | 788.864 | 783.928 | 773.640 | 747.400 | 733.224 |
| 54.0 | 780.112 | 774.648 | 765.632 | 763.968 | 763.632 | 765.376 | 760.032 | 749.480 | 724.056 | 710.936 |
| 54.5 | 760.392 | 753.632 | 743.312 | 741.456 | 740.656 | 741.328 | 736.000 | 725.360 | 701.104 | 689.120 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : RG14-LED48DMV50.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 55.0 | 740.224 | 732.896 | 721.016 | 719.048 | 717.336 | 717.776 | 711.800 | 701.888 | 678.928 | 667.584 |
| 55.5 | 720.688 | 712.368 | 699.168 | 697.184 | 694.672 | 693.976 | 688.088 | 678.600 | 657.208 | 647.272 |
| 56.0 | 700.960 | 692.096 | 677.416 | 674.944 | 671.992 | 670.664 | 664.832 | 655.728 | 636.600 | 627.304 |
| 56.5 | 681.816 | 671.800 | 656.248 | 653.528 | 649.920 | 647.208 | 642.416 | 633.592 | 616.256 | 608.096 |
| 57.0 | 663.184 | 652.224 | 635.376 | 632.440 | 628.072 | 624.896 | 619.616 | 612.320 | 596.704 | 589.944 |
| 57.5 | 644.312 | 632.888 | 614.632 | 611.776 | 606.472 | 602.872 | 597.768 | 590.936 | 578.184 | 572.136 |
| 58.0 | 626.016 | 613.816 | 594.328 | 591.024 | 585.192 | 580.992 | 576.200 | 570.112 | 559.336 | 554.992 |
| 58.5 | 607.896 | 595.104 | 575.008 | 571.344 | 564.392 | 559.352 | 555.440 | 550.320 | 541.440 | 538.280 |
| 59.0 | 590.584 | 577.152 | 555.824 | 551.896 | 544.432 | 538.784 | 535.160 | 530.632 | 524.136 | 521.744 |
| 59.5 | 573.368 | 559.080 | 536.720 | 532.720 | 524.584 | 518.264 | 515.160 | 511.632 | 507.184 | 506.144 |
| 60.0 | 556.416 | 541.512 | 518.736 | 514.200 | 505.528 | 498.712 | 495.760 | 493.136 | 490.832 | 491.064 |
| 60.5 | 540.352 | 524.920 | 500.952 | 496.248 | 486.952 | 479.560 | 476.808 | 474.816 | 474.864 | 476.040 |
| 61.0 | 524.120 | 508.008 | 483.784 | 479.144 | 468.896 | 461.056 | 458.528 | 456.960 | 459.240 | 462.224 |
| 61.5 | 508.408 | 491.872 | 467.152 | 462.328 | 451.624 | 442.824 | 440.472 | 440.048 | 444.056 | 448.384 |
| 62.0 | 493.360 | 476.400 | 451.344 | 446.464 | 434.800 | 425.376 | 423.200 | 422.928 | 429.768 | 435.192 |
| 62.5 | 478.560 | 461.112 | 436.064 | 430.688 | 418.824 | 408.304 | 405.752 | 406.184 | 415.440 | 422.512 |
| 63.0 | 463.904 | 446.464 | 421.080 | 416.080 | 403.144 | 391.912 | 389.032 | 390.200 | 401.728 | 410.560 |
| 63.5 | 450.232 | 432.608 | 406.720 | 401.720 | 388.264 | 375.872 | 373.288 | 374.528 | 389.032 | 399.160 |
| 64.0 | 436.352 | 418.672 | 393.304 | 388.184 | 373.816 | 360.592 | 357.784 | 359.568 | 375.840 | 388.224 |
| 64.5 | 422.952 | 405.928 | 380.080 | 374.888 | 359.864 | 345.488 | 342.584 | 344.992 | 363.728 | 377.592 |
| 65.0 | 410.480 | 393.184 | 367.448 | 362.472 | 346.768 | 331.232 | 327.952 | 330.832 | 352.152 | 367.904 |
| 65.5 | 397.800 | 380.736 | 355.784 | 350.392 | 333.968 | 317.048 | 314.064 | 317.584 | 340.984 | 358.352 |
| 66.0 | 385.688 | 369.048 | 344.208 | 338.984 | 321.928 | 304.144 | 300.536 | 304.664 | 330.616 | 349.512 |
| 66.5 | 374.176 | 357.720 | 333.736 | 327.816 | 310.440 | 291.352 | 287.464 | 292.312 | 320.768 | 341.144 |
| 67.0 | 362.600 | 346.976 | 323.008 | 317.144 | 299.160 | 279.056 | 275.344 | 280.704 | 311.008 | 333.360 |
| 67.5 | 350.792 | 336.856 | 313.440 | 307.200 | 288.688 | 267.280 | 263.688 | 269.240 | 302.336 | 325.496 |
| 68.0 | 340.248 | 326.624 | 303.904 | 298.224 | 278.888 | 256.048 | 252.840 | 259.240 | 293.768 | 318.400 |
| 68.5 | 329.304 | 317.144 | 295.184 | 289.312 | 268.872 | 245.360 | 242.232 | 249.416 | 285.872 | 311.208 |
| 69.0 | 318.776 | 307.848 | 286.408 | 280.592 | 259.944 | 235.408 | 232.520 | 240.448 | 278.376 | 304.464 |
| 69.5 | 309.328 | 299.320 | 278.672 | 272.536 | 251.384 | 225.752 | 223.320 | 231.928 | 271.192 | 298.296 |
| 70.0 | 298.856 | 290.960 | 270.920 | 264.752 | 242.616 | 217.088 | 214.840 | 224.160 | 264.504 | 292.216 |
| 70.5 | 289.792 | 283.216 | 263.800 | 257.552 | 234.992 | 209.032 | 207.272 | 216.672 | 258.184 | 286.280 |
| 71.0 | 280.656 | 275.472 | 256.888 | 249.904 | 227.384 | 201.688 | 200.408 | 210.472 | 252.360 | 280.488 |
| 71.5 | 272.192 | 268.256 | 250.184 | 243.504 | 220.032 | 194.800 | 193.872 | 204.424 | 246.624 | 274.864 |
| 72.0 | 263.424 | 261.256 | 243.888 | 237.056 | 213.200 | 188.680 | 188.504 | 199.312 | 241.104 | 269.264 |
| 72.5 | 255.624 | 254.736 | 237.464 | 230.704 | 206.776 | 182.976 | 183.504 | 194.768 | 236.216 | 263.856 |
| 73.0 | 247.848 | 248.696 | 231.440 | 224.816 | 200.560 | 178.008 | 179.360 | 190.464 | 231.008 | 258.320 |
| 73.5 | 240.624 | 242.160 | 225.552 | 218.752 | 194.712 | 173.768 | 175.688 | 186.416 | 226.200 | 252.664 |
| 74.0 | 233.672 | 235.976 | 219.912 | 212.912 | 189.024 | 169.848 | 172.336 | 183.080 | 221.184 | 247.136 |
| 74.5 | 226.688 | 229.792 | 213.816 | 207.064 | 183.872 | 166.384 | 169.232 | 179.888 | 216.336 | 241.344 |
| 75.0 | 221.224 | 224.112 | 208.056 | 201.464 | 179.248 | 163.544 | 166.768 | 176.584 | 211.120 | 235.512 |
| 75.5 | 214.984 | 217.976 | 202.064 | 195.568 | 174.128 | 160.680 | 164.408 | 173.688 | 205.832 | 229.624 |
| 76.0 | 208.656 | 211.664 | 196.008 | 189.872 | 169.480 | 158.288 | 162.152 | 170.976 | 200.784 | 223.480 |
| 76.5 | 203.688 | 206.120 | 190.024 | 184.216 | 165.200 | 156.176 | 159.976 | 168.280 | 195.320 | 217.904 |
| 77.0 | 198.008 | 199.832 | 183.736 | 178.144 | 160.904 | 153.864 | 157.680 | 165.416 | 190.048 | 211.704 |
| 77.5 | 191.976 | 193.000 | 177.048 | 172.112 | 156.744 | 151.704 | 155.760 | 163.032 | 184.632 | 205.592 |
| 78.0 | 186.424 | 186.736 | 170.760 | 165.824 | 152.872 | 149.328 | 153.320 | 159.984 | 179.328 | 199.584 |
| 78.5 | 181.056 | 179.936 | 163.840 | 159.680 | 149.352 | 146.832 | 150.896 | 156.552 | 173.528 | 193.520 |
| 79.0 | 175.144 | 173.256 | 157.144 | 153.360 | 145.208 | 143.984 | 147.712 | 153.528 | 168.144 | 187.272 |
| 79.5 | 168.680 | 165.936 | 150.600 | 147.552 | 141.616 | 140.856 | 144.432 | 149.904 | 162.624 | 181.632 |
| 80.0 | 162.952 | 158.712 | 143.712 | 140.824 | 137.248 | 137.648 | 140.960 | 145.792 | 157.496 | 175.680 |
| 80.5 | 156.024 | 151.432 | 137.208 | 134.456 | 133.104 | 133.592 | 137.112 | 141.280 | 151.928 | 169.760 |
| 81.0 | 148.576 | 144.336 | 130.216 | 128.280 | 128.376 | 129.392 | 132.312 | 136.920 | 146.896 | 163.920 |
| 81.5 | 141.496 | 136.760 | 123.560 | 122.040 | 124.160 | 124.736 | 127.592 | 132.000 | 141.184 | 158.032 |
| 82.0 | 134.112 | 129.408 | 116.624 | 115.392 | 118.904 | 119.536 | 122.392 | 126.712 | 136.104 | 152.032 |
| 82.5 | 125.640 | 122.176 | 110.320 | 108.600 | 113.664 | 114.232 | 116.768 | 120.752 | 130.512 | 145.632 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : RG14-LED48DMV50.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 83.0 | 117.960 | 114.816 | 103.512 | 102.560 | 107.680 | 108.672 | 110.888 | 114.872 | 125.288 | 139.248 |
| 83.5 | 108.984 | 107.656 | 97.240 | 96.376 | 101.296 | 101.968 | 104.552 | 108.456 | 119.720 | 132.536 |
| 84.0 | 101.368 | 100.384 | 91.120 | 90.208 | 95.112 | 95.552 | 97.944 | 101.816 | 113.728 | 125.744 |
| 84.5 | 93.112 | 93.160 | 84.528 | 83.960 | 87.912 | 88.448 | 90.648 | 95.032 | 107.400 | 118.144 |
| 85.0 | 84.808 | 85.696 | 77.792 | 77.456 | 80.840 | 81.024 | 83.888 | 87.752 | 100.800 | 110.304 |
| 85.5 | 76.832 | 78.216 | 71.576 | 71.224 | 73.304 | 73.472 | 76.496 | 80.208 | 93.568 | 101.464 |
| 86.0 | 68.648 | 70.808 | 64.792 | 64.376 | 66.160 | 65.680 | 68.624 | 72.952 | 85.640 | 91.520 |
| 86.5 | 60.264 | 62.720 | 57.512 | 57.304 | 58.168 | 57.600 | 61.120 | 65.464 | 77.192 | 81.736 |
| 87.0 | 51.608 | 54.472 | 50.008 | 49.936 | 50.432 | 49.856 | 53.192 | 57.624 | 68.272 | 71.504 |
| 87.5 | 43.136 | 46.352 | 42.384 | 42.280 | 42.232 | 42.040 | 45.264 | 49.480 | 58.960 | 61.560 |
| 88.0 | 34.232 | 37.840 | 34.776 | 34.480 | 34.896 | 34.448 | 37.688 | 41.360 | 49.856 | 52.176 |
| 88.5 | 26.176 | 29.536 | 27.144 | 27.232 | 27.760 | 27.056 | 30.320 | 33.848 | 41.376 | 43.480 |
| 89.0 | 18.208 | 21.568 | 20.296 | 20.024 | 21.280 | 20.672 | 23.592 | 26.928 | 32.752 | 35.168 |
| 89.5 | 12.112 | 14.768 | 14.000 | 13.704 | 14.920 | 14.568 | 17.368 | 20.096 | 24.488 | 27.376 |
| 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
Angles

| | <u>70.0</u> | <u>80.0</u> | <u>90.0</u> |
|-------------|--------------------|--------------------|--------------------|
| 0.0 | 2123.248 | 2123.248 | 2123.248 |
| 0.5 | 2120.616 | 2119.456 | 2117.544 |
| 1.0 | 2120.152 | 2118.672 | 2116.336 |
| 1.5 | 2118.968 | 2117.912 | 2115.384 |
| 2.0 | 2118.616 | 2117.024 | 2114.984 |
| 2.5 | 2118.000 | 2116.848 | 2114.496 |
| 3.0 | 2117.224 | 2115.832 | 2113.752 |
| 3.5 | 2116.696 | 2115.072 | 2112.368 |
| 4.0 | 2115.816 | 2114.728 | 2111.768 |
| 4.5 | 2114.560 | 2113.872 | 2111.192 |
| 5.0 | 2113.440 | 2112.288 | 2109.520 |
| 5.5 | 2111.712 | 2110.000 | 2107.136 |
| 6.0 | 2109.464 | 2108.144 | 2104.680 |
| 6.5 | 2107.144 | 2105.752 | 2102.272 |
| 7.0 | 2104.736 | 2103.248 | 2099.976 |
| 7.5 | 2102.176 | 2100.584 | 2097.616 |
| 8.0 | 2099.552 | 2098.256 | 2095.352 |
| 8.5 | 2096.688 | 2095.040 | 2092.168 |
| 9.0 | 2093.072 | 2091.736 | 2088.328 |
| 9.5 | 2089.544 | 2088.224 | 2084.536 |
| 10.0 | 2085.928 | 2084.816 | 2080.840 |
| 10.5 | 2081.848 | 2080.800 | 2077.096 |
| 11.0 | 2077.352 | 2075.984 | 2072.816 |
| 11.5 | 2073.384 | 2071.616 | 2067.904 |
| 12.0 | 2069.072 | 2066.736 | 2062.960 |
| 12.5 | 2063.952 | 2061.232 | 2057.888 |
| 13.0 | 2057.984 | 2056.312 | 2051.824 |
| 13.5 | 2052.800 | 2050.864 | 2046.680 |
| 14.0 | 2047.304 | 2044.704 | 2040.992 |
| 14.5 | 2041.480 | 2038.528 | 2035.040 |
| 15.0 | 2035.400 | 2032.560 | 2029.240 |
| 15.5 | 2028.816 | 2026.320 | 2022.640 |
| 16.0 | 2021.744 | 2019.568 | 2015.832 |
| 16.5 | 2014.832 | 2012.520 | 2008.728 |
| 17.0 | 2007.520 | 2005.320 | 2001.096 |
| 17.5 | 1999.456 | 1997.520 | 1993.664 |
| 18.0 | 1991.688 | 1989.328 | 1985.488 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : RG14-LED48DMV50.IES

CANDELA TABULATION - (Cont.)

| | | | |
|------|----------|----------|----------|
| 18.5 | 1983.424 | 1981.096 | 1977.216 |
| 19.0 | 1975.544 | 1972.872 | 1968.696 |
| 19.5 | 1966.976 | 1964.576 | 1960.136 |
| 20.0 | 1958.096 | 1955.536 | 1950.872 |
| 20.5 | 1948.528 | 1946.040 | 1941.600 |
| 21.0 | 1939.424 | 1936.280 | 1932.240 |
| 21.5 | 1929.552 | 1926.888 | 1922.640 |
| 22.0 | 1919.408 | 1917.448 | 1913.328 |
| 22.5 | 1909.424 | 1907.528 | 1903.008 |
| 23.0 | 1899.272 | 1897.280 | 1892.376 |
| 23.5 | 1888.784 | 1886.344 | 1881.352 |
| 24.0 | 1878.136 | 1875.664 | 1871.192 |
| 24.5 | 1867.088 | 1864.608 | 1860.864 |
| 25.0 | 1855.784 | 1853.272 | 1849.728 |
| 25.5 | 1844.144 | 1842.040 | 1838.528 |
| 26.0 | 1832.728 | 1830.208 | 1826.680 |
| 26.5 | 1820.568 | 1818.040 | 1814.824 |
| 27.0 | 1808.112 | 1805.352 | 1802.344 |
| 27.5 | 1795.656 | 1792.784 | 1789.280 |
| 28.0 | 1782.832 | 1780.224 | 1777.000 |
| 28.5 | 1769.624 | 1767.064 | 1763.792 |
| 29.0 | 1756.120 | 1754.352 | 1750.864 |
| 29.5 | 1742.648 | 1740.984 | 1737.760 |
| 30.0 | 1729.352 | 1727.712 | 1724.096 |
| 30.5 | 1715.080 | 1714.016 | 1710.936 |
| 31.0 | 1701.000 | 1700.568 | 1696.528 |
| 31.5 | 1686.104 | 1686.424 | 1682.568 |
| 32.0 | 1671.816 | 1671.832 | 1667.976 |
| 32.5 | 1656.600 | 1656.616 | 1653.856 |
| 33.0 | 1641.144 | 1641.560 | 1639.200 |
| 33.5 | 1625.752 | 1626.376 | 1623.936 |
| 34.0 | 1609.336 | 1610.440 | 1608.680 |
| 34.5 | 1593.224 | 1594.288 | 1592.296 |
| 35.0 | 1576.168 | 1577.840 | 1576.576 |
| 35.5 | 1558.848 | 1560.864 | 1559.368 |
| 36.0 | 1541.320 | 1543.560 | 1542.264 |
| 36.5 | 1523.408 | 1525.272 | 1525.040 |
| 37.0 | 1504.520 | 1507.720 | 1506.760 |
| 37.5 | 1485.648 | 1488.672 | 1488.184 |
| 38.0 | 1465.936 | 1469.512 | 1469.072 |
| 38.5 | 1446.176 | 1449.616 | 1449.192 |
| 39.0 | 1426.144 | 1429.672 | 1429.344 |
| 39.5 | 1405.928 | 1409.016 | 1408.768 |
| 40.0 | 1384.752 | 1388.424 | 1387.592 |
| 40.5 | 1363.816 | 1366.992 | 1366.144 |
| 41.0 | 1342.096 | 1345.304 | 1344.800 |
| 41.5 | 1320.704 | 1323.272 | 1323.120 |
| 42.0 | 1298.616 | 1301.376 | 1301.192 |
| 42.5 | 1276.680 | 1279.080 | 1279.280 |
| 43.0 | 1253.768 | 1256.216 | 1256.336 |
| 43.5 | 1231.328 | 1233.304 | 1234.184 |
| 44.0 | 1208.168 | 1210.408 | 1211.320 |
| 44.5 | 1185.016 | 1186.808 | 1187.312 |
| 45.0 | 1161.704 | 1163.072 | 1163.336 |
| 45.5 | 1137.984 | 1138.888 | 1138.968 |
| 46.0 | 1114.056 | 1113.640 | 1113.888 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : RG14-LED48DMV50.IES

CANDELA TABULATION - (Cont.)

| | | | |
|------|----------|----------|----------|
| 46.5 | 1089.640 | 1088.344 | 1088.376 |
| 47.0 | 1064.416 | 1062.328 | 1062.032 |
| 47.5 | 1039.104 | 1035.752 | 1034.912 |
| 48.0 | 1013.648 | 1009.104 | 1007.904 |
| 48.5 | 987.240 | 981.976 | 980.520 |
| 49.0 | 960.440 | 953.872 | 952.568 |
| 49.5 | 933.536 | 926.640 | 925.432 |
| 50.0 | 906.904 | 899.488 | 898.464 |
| 50.5 | 879.896 | 872.704 | 872.120 |
| 51.0 | 853.440 | 846.616 | 846.920 |
| 51.5 | 827.480 | 821.448 | 821.752 |
| 52.0 | 801.872 | 796.640 | 798.320 |
| 52.5 | 777.424 | 772.848 | 775.240 |
| 53.0 | 753.072 | 750.248 | 752.880 |
| 53.5 | 730.280 | 728.080 | 730.952 |
| 54.0 | 707.520 | 707.048 | 710.640 |
| 54.5 | 686.384 | 686.464 | 690.688 |
| 55.0 | 665.488 | 666.416 | 671.136 |
| 55.5 | 645.416 | 647.032 | 652.576 |
| 56.0 | 625.504 | 628.720 | 634.376 |
| 56.5 | 606.880 | 610.288 | 616.360 |
| 57.0 | 588.616 | 592.912 | 599.168 |
| 57.5 | 570.848 | 575.856 | 581.712 |
| 58.0 | 553.872 | 559.240 | 565.320 |
| 58.5 | 537.304 | 543.248 | 549.744 |
| 59.0 | 521.352 | 527.904 | 534.152 |
| 59.5 | 506.168 | 512.432 | 518.944 |
| 60.0 | 491.112 | 497.912 | 504.032 |
| 60.5 | 476.608 | 483.544 | 489.120 |
| 61.0 | 462.560 | 469.664 | 475.304 |
| 61.5 | 449.384 | 456.832 | 461.424 |
| 62.0 | 436.544 | 443.720 | 448.464 |
| 62.5 | 424.408 | 431.296 | 435.352 |
| 63.0 | 412.744 | 419.656 | 423.960 |
| 63.5 | 401.400 | 408.576 | 411.952 |
| 64.0 | 390.832 | 398.152 | 401.040 |
| 64.5 | 380.816 | 387.896 | 390.048 |
| 65.0 | 371.296 | 378.640 | 380.192 |
| 65.5 | 362.512 | 369.152 | 370.304 |
| 66.0 | 353.704 | 360.624 | 361.440 |
| 66.5 | 345.648 | 352.328 | 352.064 |
| 67.0 | 337.608 | 344.376 | 343.624 |
| 67.5 | 330.592 | 336.512 | 335.256 |
| 68.0 | 323.312 | 329.256 | 327.480 |
| 68.5 | 316.648 | 322.440 | 320.448 |
| 69.0 | 310.040 | 315.480 | 313.560 |
| 69.5 | 303.928 | 309.280 | 306.960 |
| 70.0 | 297.888 | 303.176 | 300.832 |
| 70.5 | 291.968 | 297.072 | 294.768 |
| 71.0 | 286.344 | 291.200 | 289.456 |
| 71.5 | 280.984 | 285.432 | 284.304 |
| 72.0 | 275.232 | 279.944 | 278.976 |
| 72.5 | 269.656 | 274.656 | 274.432 |
| 73.0 | 264.264 | 269.256 | 270.048 |
| 73.5 | 258.376 | 264.104 | 265.440 |
| 74.0 | 252.792 | 258.712 | 260.664 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : RG14-LED48DMV50.IES

CANDELA TABULATION - (Cont.)

| | | | |
|-------------|---------|---------|---------|
| 74.5 | 246.864 | 253.256 | 256.680 |
| 75.0 | 240.744 | 248.296 | 252.024 |
| 75.5 | 235.456 | 242.872 | 247.792 |
| 76.0 | 228.832 | 237.224 | 243.424 |
| 76.5 | 222.944 | 231.960 | 238.416 |
| 77.0 | 216.784 | 226.616 | 233.792 |
| 77.5 | 210.744 | 220.752 | 228.536 |
| 78.0 | 204.808 | 214.992 | 223.680 |
| 78.5 | 198.840 | 209.160 | 218.024 |
| 79.0 | 192.592 | 203.152 | 212.368 |
| 79.5 | 187.168 | 197.096 | 205.728 |
| 80.0 | 181.432 | 190.520 | 199.072 |
| 80.5 | 175.680 | 183.904 | 191.816 |
| 81.0 | 169.120 | 177.288 | 184.792 |
| 81.5 | 163.168 | 170.560 | 177.320 |
| 82.0 | 156.688 | 163.424 | 169.376 |
| 82.5 | 150.624 | 155.656 | 161.456 |
| 83.0 | 143.536 | 148.592 | 152.688 |
| 83.5 | 136.848 | 141.000 | 142.968 |
| 84.0 | 129.696 | 133.072 | 133.080 |
| 84.5 | 122.536 | 125.176 | 123.360 |
| 85.0 | 114.240 | 116.688 | 112.552 |
| 85.5 | 105.296 | 108.128 | 102.528 |
| 86.0 | 95.592 | 99.360 | 92.472 |
| 86.5 | 85.488 | 89.112 | 81.984 |
| 87.0 | 75.464 | 77.824 | 72.080 |
| 87.5 | 65.336 | 67.008 | 62.064 |
| 88.0 | 54.848 | 56.520 | 51.960 |
| 88.5 | 45.424 | 46.808 | 42.712 |
| 89.0 | 36.424 | 38.448 | 33.408 |
| 89.5 | 27.600 | 30.400 | 25.192 |
| 90.0 | 0.000 | 0.000 | 0.000 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : RG14-LED48DMV50.IES

ZONAL LUMEN SUMMARY

| Zone | Lumens | %Lamp | %Fixt |
|---------|---------|-------|--------|
| 0-20 | 775.94 | N.A. | 16.00 |
| 0-30 | 1634.44 | N.A. | 33.80 |
| 0-40 | 2620.46 | N.A. | 54.20 |
| 0-60 | 4149.13 | N.A. | 85.80 |
| 0-80 | 4738.69 | N.A. | 98.00 |
| 0-90 | 4836.53 | N.A. | 100.00 |
| 10-90 | 4635.57 | N.A. | 95.80 |
| 20-40 | 1844.52 | N.A. | 38.10 |
| 20-50 | 2742.48 | N.A. | 56.70 |
| 40-70 | 1895.56 | N.A. | 39.20 |
| 60-80 | 589.56 | N.A. | 12.20 |
| 70-80 | 222.68 | N.A. | 4.60 |
| 80-90 | 97.84 | 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 | 4836.53 | N.A. | 100.00 |

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

| Zone | Lumens |
|---------|--------|
| 0-10 | 200.96 |
| 10-20 | 574.98 |
| 20-30 | 858.50 |
| 30-40 | 986.02 |
| 40-50 | 897.96 |
| 50-60 | 630.71 |
| 60-70 | 366.88 |
| 70-80 | 222.68 |
| 80-90 | 97.84 |
| 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 |

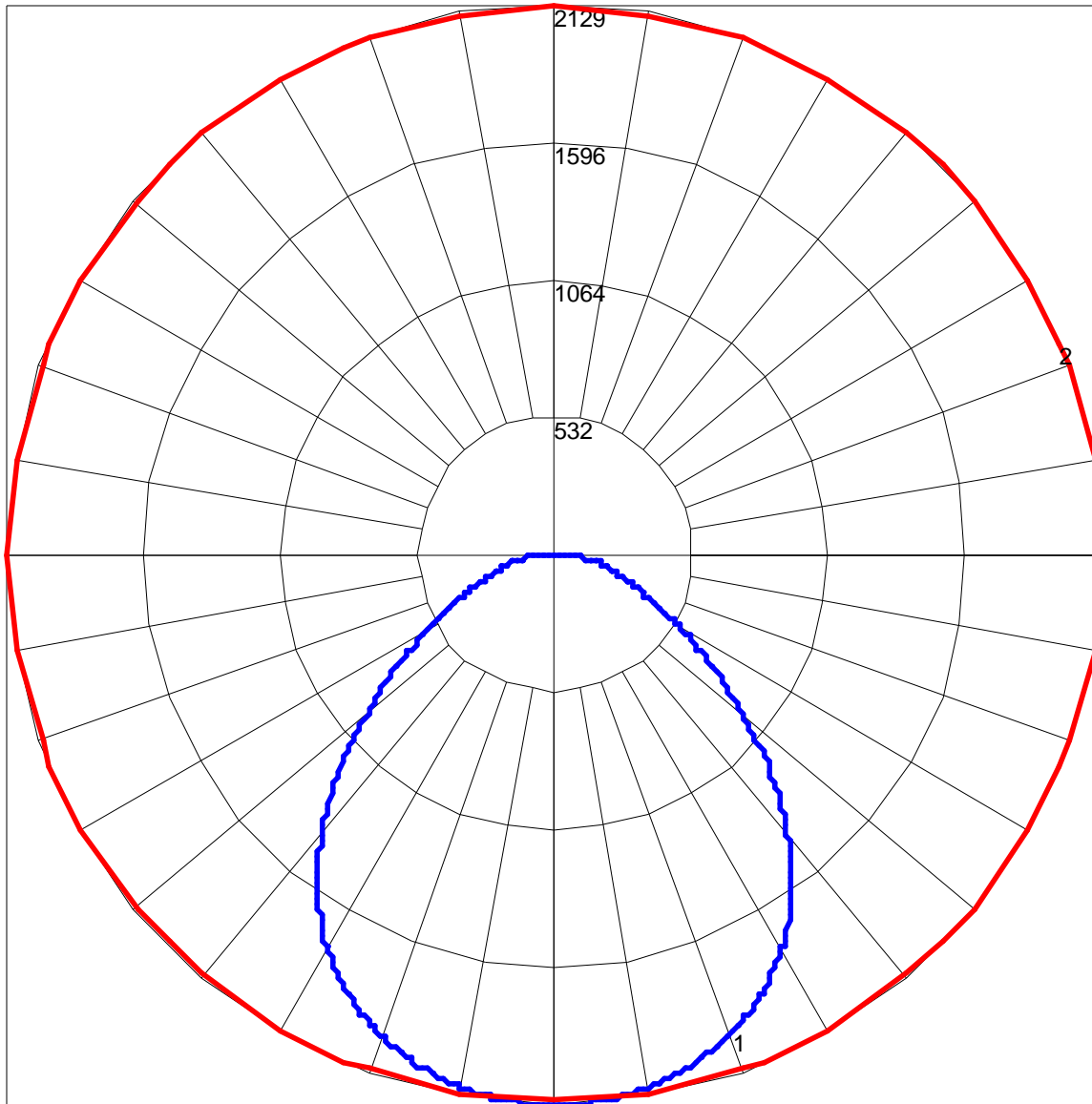
IES INDOOR REPORT
PHOTOMETRIC FILENAME : RG14-LED48DMV50.IES

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 | 73 | 69 | 66 | 64 |
| 4 | 86 | 75 | 66 | 60 | 83 | 73 | 66 | 60 | 71 | 64 | 59 | 69 | 63 | 58 | 66 | 62 | 57 | 55 |
| 5 | 79 | 67 | 59 | 53 | 77 | 66 | 58 | 52 | 64 | 57 | 52 | 62 | 56 | 51 | 60 | 55 | 51 | 49 |
| 6 | 73 | 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 | 41 | 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 | 46 | 39 | 34 | 45 | 38 | 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 | 30 | 29 |

POLAR GRAPH



Maximum Candela = 2128.504 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.)