

## Luminaire Property

### Luminaire Description:

Luminaire Categorie: 50W 宝刀

Lamp Categorie: 贴片

Lamp Description:

Number of Lamp:

Lamp Lumens(lm): 6008.9

Luminous Length(m): 0.0

Luminous Width(m): 0.0

Luminous Height(m): 0.0

Voltage: 220.1 V

Current: 0.356 A

Power: 47.25 W

Power Factor: 0.602

Test Lab: 0

Photometric Type: Type C

Manufactory:

## Photometric Results

CIE Class: Direct

Measurement Flux: 6008.90 lm

Efficiency: 127.1725 lm/W

Central Intensity: 1612.769cd

Max. Intensity: 3410.36cd

Field Angle(10%Imax): Left: -121.7 Right:17.6

Max.Intensity Angle: C:0.0 G:51.0

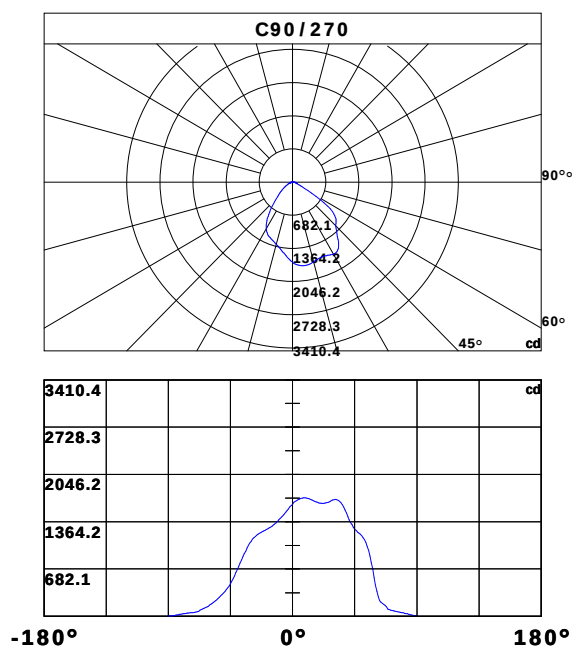
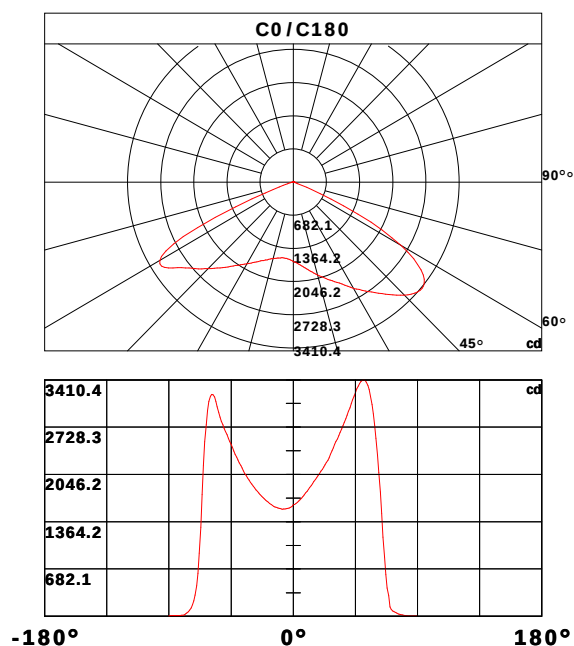
Beam Angle(50%Imax): L: -117.1 R:12.3

Luminaire Efficacy Rating(LER) : 100.00%

Upward Ratio: 0.0%

Downward Ratio: 100.0%

Beamwidth(50%Imax): C0/180=127.55 C90/270=123.16



## Light intensity data Unit[cd]

| C\G    | G0.0   | G1.0   | G2.0   | G3.0   | G4.0   | G5.0   | G6.0   | G7.0   | G8.0   | G9.0   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| C0.0   | 1612.8 | 1611.3 | 1626.3 | 1645.0 | 1662.6 | 1681.3 | 1703.7 | 1727.6 | 1752.0 | 1776.7 |
| C45.0  | 1612.8 | 1660.8 | 1682.2 | 1705.8 | 1727.4 | 1749.1 | 1771.5 | 1795.1 | 1817.7 | 1839.6 |
| C90.0  | 1612.8 | 1642.6 | 1657.3 | 1670.5 | 1682.2 | 1692.9 | 1699.0 | 1704.0 | 1707.7 | 1708.3 |
| C135.0 | 1612.8 | 1612.9 | 1618.4 | 1622.9 | 1627.8 | 1632.6 | 1636.5 | 1640.8 | 1645.0 | 1648.9 |
| C180.0 | 1612.8 | 1583.8 | 1571.6 | 1563.3 | 1555.6 | 1549.9 | 1547.5 | 1547.2 | 1545.5 | 1549.9 |
| C225.0 | 1612.8 | 1611.4 | 1587.4 | 1564.6 | 1540.5 | 1517.2 | 1496.9 | 1477.8 | 1459.4 | 1442.9 |
| C270.0 | 1612.8 | 1598.5 | 1575.5 | 1547.5 | 1523.3 | 1499.6 | 1474.8 | 1450.4 | 1430.6 | 1410.2 |
| C315.0 | 1612.8 | 1598.2 | 1589.3 | 1583.1 | 1574.6 | 1565.8 | 1560.1 | 1553.4 | 1546.4 | 1540.9 |
| C360.0 | 1612.8 | 1611.3 | 1626.3 | 1645.0 | 1662.6 | 1681.3 | 1703.7 | 1727.6 | 1752.0 | 1776.7 |
|        |        |        |        |        |        |        |        |        |        |        |
| C\G    | G10.0  | G11.0  | G12.0  | G13.0  | G14.0  | G15.0  | G16.0  | G17.0  | G18.0  | G19.0  |
| C0.0   | 1801.7 | 1830.2 | 1857.0 | 1884.8 | 1913.3 | 1945.4 | 1973.5 | 2001.3 | 2029.6 | 2062.7 |
| C45.0  | 1863.6 | 1888.0 | 1911.7 | 1934.7 | 1958.7 | 1987.1 | 2011.1 | 2036.3 | 2063.6 | 2093.4 |
| C90.0  | 1705.5 | 1699.7 | 1694.9 | 1685.4 | 1677.5 | 1668.7 | 1658.8 | 1648.9 | 1643.2 | 1634.6 |
| C135.0 | 1654.1 | 1662.2 | 1668.1 | 1673.9 | 1681.8 | 1690.9 | 1701.0 | 1711.4 | 1721.8 | 1736.3 |
| C180.0 | 1555.8 | 1560.8 | 1568.9 | 1578.0 | 1587.7 | 1600.1 | 1611.9 | 1628.3 | 1643.4 | 1660.2 |
| C225.0 | 1425.3 | 1411.3 | 1398.5 | 1384.5 | 1371.8 | 1361.7 | 1350.1 | 1337.9 | 1327.8 | 1317.4 |
| C270.0 | 1389.5 | 1367.1 | 1349.0 | 1332.1 | 1316.7 | 1298.9 | 1285.5 | 1273.1 | 1262.1 | 1250.3 |
| C315.0 | 1534.4 | 1530.3 | 1526.7 | 1522.4 | 1518.8 | 1517.5 | 1516.1 | 1513.1 | 1513.2 | 1512.5 |
| C360.0 | 1801.7 | 1830.2 | 1857.0 | 1884.8 | 1913.3 | 1945.4 | 1973.5 | 2001.3 | 2029.6 | 2062.7 |
|        |        |        |        |        |        |        |        |        |        |        |
| C\G    | G20.0  | G21.0  | G22.0  | G23.0  | G24.0  | G25.0  | G26.0  | G27.0  | G28.0  | G29.0  |
| C0.0   | 2092.5 | 2121.2 | 2150.8 | 2184.9 | 2215.6 | 2248.6 | 2286.7 | 2339.1 | 2386.9 | 2429.6 |
| C45.0  | 2121.0 | 2149.4 | 2179.9 | 2212.7 | 2242.7 | 2271.3 | 2301.2 | 2328.4 | 2352.6 | 2379.0 |
| C90.0  | 1631.2 | 1628.6 | 1627.6 | 1629.8 | 1635.1 | 1640.2 | 1646.6 | 1656.3 | 1665.8 | 1675.5 |
| C135.0 | 1748.4 | 1762.7 | 1779.8 | 1797.9 | 1818.0 | 1842.6 | 1870.3 | 1899.7 | 1929.8 | 1964.8 |
| C180.0 | 1676.1 | 1696.9 | 1714.1 | 1734.0 | 1755.9 | 1778.7 | 1802.4 | 1825.8 | 1852.3 | 1878.0 |
| C225.0 | 1310.2 | 1302.7 | 1295.1 | 1289.4 | 1286.4 | 1283.1 | 1280.6 | 1278.1 | 1276.3 | 1273.1 |
| C270.0 | 1240.4 | 1229.8 | 1218.9 | 1208.8 | 1197.5 | 1185.7 | 1169.7 | 1153.2 | 1133.2 | 1111.2 |
| C315.0 | 1512.0 | 1511.4 | 1511.6 | 1511.8 | 1510.9 | 1510.9 | 1510.4 | 1509.6 | 1511.3 | 1512.5 |
| C360.0 | 2092.5 | 2121.2 | 2150.8 | 2184.9 | 2215.6 | 2248.6 | 2286.7 | 2339.1 | 2386.9 | 2429.6 |
|        |        |        |        |        |        |        |        |        |        |        |
| C\G    | G30.0  | G31.0  | G32.0  | G33.0  | G34.0  | G35.0  | G36.0  | G37.0  | G38.0  | G39.0  |
| C0.0   | 2479.0 | 2522.2 | 2561.3 | 2605.1 | 2653.2 | 2699.9 | 2747.4 | 2795.6 | 2850.3 | 2902.4 |
| C45.0  | 2400.0 | 2416.5 | 2429.6 | 2441.1 | 2448.0 | 2450.6 | 2447.2 | 2439.8 | 2423.7 | 2401.7 |
| C90.0  | 1682.3 | 1685.7 | 1680.7 | 1673.7 | 1658.8 | 1639.9 | 1610.7 | 1573.7 | 1532.5 | 1486.2 |
| C135.0 | 2005.4 | 2042.1 | 2082.8 | 2124.1 | 2169.8 | 2212.2 | 2253.8 | 2293.5 | 2332.1 | 2360.6 |
| C180.0 | 1905.6 | 1933.5 | 1963.1 | 1996.1 | 2026.8 | 2060.5 | 2099.5 | 2136.6 | 2173.6 | 2213.8 |
| C225.0 | 1269.6 | 1263.9 | 1257.8 | 1246.7 | 1236.1 | 1220.3 | 1201.3 | 1179.0 | 1154.1 | 1123.9 |
| C270.0 | 1083.3 | 1053.7 | 1020.5 | 984.2  | 941.6  | 902.0  | 859.0  | 815.0  | 765.5  | 720.7  |
| C315.0 | 1513.7 | 1515.4 | 1516.3 | 1519.0 | 1518.8 | 1518.3 | 1517.7 | 1513.2 | 1508.4 | 1496.9 |
| C360.0 | 2479.0 | 2522.2 | 2561.3 | 2605.1 | 2653.2 | 2699.9 | 2747.4 | 2795.6 | 2850.3 | 2902.4 |

## Light intensity data Unit[cd]

| C\G    | G40.0  | G41.0  | G42.0  | G43.0  | G44.0  | G45.0  | G46.0  | G47.0  | G48.0  | G49.0  |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| C0.0   | 2954.1 | 3008.3 | 3067.0 | 3122.3 | 3176.8 | 3226.5 | 3278.3 | 3320.3 | 3357.4 | 3386.7 |
| C45.0  | 2372.1 | 2334.6 | 2287.9 | 2238.7 | 2187.1 | 2130.1 | 2086.6 | 2046.9 | 2012.4 | 1984.2 |
| C90.0  | 1435.3 | 1393.5 | 1356.2 | 1322.6 | 1286.2 | 1257.3 | 1237.0 | 1218.5 | 1199.6 | 1181.5 |
| C135.0 | 2382.0 | 2395.0 | 2399.8 | 2395.0 | 2378.8 | 2342.3 | 2290.1 | 2219.9 | 2137.3 | 2037.4 |
| C180.0 | 2256.6 | 2296.8 | 2339.7 | 2385.2 | 2433.9 | 2477.7 | 2522.7 | 2569.8 | 2620.9 | 2664.7 |
| C225.0 | 1083.5 | 1046.0 | 1005.0 | 961.6  | 907.2  | 858.6  | 806.7  | 753.6  | 692.7  | 638.7  |
| C270.0 | 676.8  | 634.4  | 585.6  | 545.0  | 505.2  | 469.6  | 434.6  | 406.1  | 382.0  | 357.4  |
| C315.0 | 1482.0 | 1462.4 | 1440.7 | 1413.2 | 1377.7 | 1338.8 | 1295.0 | 1247.0 | 1187.1 | 1128.6 |
| C360.0 | 2954.1 | 3008.3 | 3067.0 | 3122.3 | 3176.8 | 3226.5 | 3278.3 | 3320.3 | 3357.4 | 3386.7 |
|        |        |        |        |        |        |        |        |        |        |        |
| C\G    | G50.0  | G51.0  | G52.0  | G53.0  | G54.0  | G55.0  | G56.0  | G57.0  | G58.0  | G59.0  |
| C0.0   | 3405.3 | 3410.4 | 3403.4 | 3377.0 | 3332.5 | 3268.9 | 3173.3 | 3053.1 | 2918.0 | 2756.8 |
| C45.0  | 1966.5 | 1950.6 | 1937.0 | 1921.2 | 1901.3 | 1868.1 | 1816.6 | 1731.5 | 1621.4 | 1478.6 |
| C90.0  | 1162.8 | 1138.6 | 1105.1 | 1064.9 | 1014.6 | 946.4  | 870.8  | 778.3  | 675.7  | 555.8  |
| C135.0 | 1944.5 | 1857.5 | 1781.6 | 1713.9 | 1676.1 | 1664.4 | 1662.9 | 1669.6 | 1672.3 | 1652.9 |
| C180.0 | 2708.2 | 2762.5 | 2813.9 | 2873.0 | 2937.9 | 3022.4 | 3098.8 | 3162.5 | 3197.3 | 3203.4 |
| C225.0 | 586.1  | 537.3  | 484.5  | 444.2  | 406.6  | 371.6  | 342.0  | 316.2  | 294.5  | 270.9  |
| C270.0 | 333.8  | 313.5  | 295.9  | 275.6  | 253.4  | 237.2  | 221.9  | 205.9  | 190.7  | 177.0  |
| C315.0 | 1066.8 | 1001.1 | 923.9  | 853.9  | 783.4  | 712.9  | 633.5  | 562.9  | 496.2  | 428.2  |
| C360.0 | 3405.3 | 3410.4 | 3403.4 | 3377.0 | 3332.5 | 3268.9 | 3173.3 | 3053.1 | 2918.0 | 2756.8 |
|        |        |        |        |        |        |        |        |        |        |        |
| C\G    | G60.0  | G61.0  | G62.0  | G63.0  | G64.0  | G65.0  | G66.0  | G67.0  | G68.0  | G69.0  |
| C0.0   | 2566.5 | 2322.9 | 2076.0 | 1794.7 | 1481.6 | 1142.0 | 854.7  | 600.8  | 406.6  | 295.5  |
| C45.0  | 1310.4 | 1092.8 | 897.9  | 729.0  | 602.1  | 512.0  | 443.8  | 389.4  | 339.0  | 291.6  |
| C90.0  | 449.1  | 357.6  | 280.6  | 227.0  | 203.0  | 186.2  | 171.5  | 158.0  | 134.5  | 102.5  |
| C135.0 | 1599.1 | 1487.4 | 1331.8 | 1127.5 | 896.7  | 672.3  | 515.6  | 393.5  | 320.6  | 262.9  |
| C180.0 | 3171.5 | 3097.5 | 2969.3 | 2762.2 | 2518.4 | 2174.5 | 1756.8 | 1283.8 | 910.6  | 620.6  |
| C225.0 | 251.5  | 233.4  | 213.3  | 194.3  | 181.0  | 169.3  | 157.6  | 144.4  | 133.8  | 123.4  |
| C270.0 | 163.9  | 146.9  | 136.1  | 124.1  | 114.4  | 104.9  | 95.9   | 88.9   | 69.2   | 65.0   |
| C315.0 | 374.3  | 331.4  | 296.0  | 263.8  | 238.9  | 214.9  | 194.3  | 172.7  | 154.8  | 137.6  |
| C360.0 | 2566.5 | 2322.9 | 2076.0 | 1794.7 | 1481.6 | 1142.0 | 854.7  | 600.8  | 406.6  | 295.5  |
|        |        |        |        |        |        |        |        |        |        |        |
| C\G    | G70.0  | G71.0  | G72.0  | G73.0  | G74.0  | G75.0  | G76.0  | G77.0  | G78.0  | G79.0  |
| C0.0   | 136.7  | 99.0   | 76.3   | 64.7   | 56.2   | 46.9   | 35.4   | 29.3   | 25.5   | 20.3   |
| C45.0  | 252.8  | 219.8  | 186.2  | 158.6  | 132.0  | 76.2   | 54.1   | 45.8   | 39.0   | 35.1   |
| C90.0  | 97.3   | 90.9   | 85.3   | 79.1   | 73.0   | 69.0   | 65.6   | 60.7   | 57.0   | 54.2   |
| C135.0 | 224.8  | 196.1  | 164.5  | 131.8  | 110.4  | 92.1   | 62.3   | 44.9   | 39.2   | 32.9   |
| C180.0 | 439.8  | 306.4  | 220.7  | 164.7  | 123.9  | 91.1   | 67.5   | 47.8   | 33.1   | 20.9   |
| C225.0 | 112.2  | 102.7  | 93.0   | 83.2   | 67.9   | 58.8   | 49.8   | 41.5   | 33.3   | 27.9   |
| C270.0 | 60.2   | 57.5   | 54.6   | 52.7   | 50.5   | 48.4   | 45.8   | 43.8   | 39.7   | 36.7   |
| C315.0 | 122.8  | 106.3  | 94.1   | 81.6   | 69.2   | 48.4   | 39.5   | 33.8   | 27.9   | 24.1   |
| C360.0 | 136.7  | 99.0   | 76.3   | 64.7   | 56.2   | 46.9   | 35.4   | 29.3   | 25.5   | 20.3   |

## Light intensity data Unit[cd]

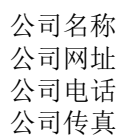
| C\G    | G80.0 | G81.0 | G82.0 | G83.0 | G84.0 | G85.0 | G86.0 | G87.0 | G88.0 | G89.0 |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| C0.0   | 14.8  | 12.2  | 9.2   | 8.3   | 8.1   | 7.0   | 7.6   | 7.8   | 7.0   | 7.6   |
| C45.0  | 27.5  | 21.8  | 15.1  | 12.5  | 10.1  | 8.8   | 6.9   | 6.9   | 6.5   | 6.0   |
| C90.0  | 50.3  | 45.1  | 39.0  | 35.6  | 30.6  | 25.0  | 19.8  | 14.1  | 11.9  | 9.9   |
| C135.0 | 28.1  | 23.0  | 17.3  | 13.0  | 11.7  | 9.4   | 8.3   | 7.9   | 7.9   | 7.3   |
| C180.0 | 14.4  | 12.6  | 10.7  | 9.9   | 10.1  | 11.2  | 9.2   | 8.8   | 9.0   | 9.2   |
| C225.0 | 24.1  | 19.1  | 15.1  | 13.5  | 9.9   | 10.1  | 11.0  | 9.6   | 9.6   | 8.1   |
| C270.0 | 32.7  | 30.2  | 27.5  | 21.2  | 18.9  | 15.3  | 11.6  | 8.5   | 6.5   | 6.9   |
| C315.0 | 21.6  | 17.7  | 15.0  | 11.7  | 9.4   | 9.2   | 8.8   | 9.6   | 9.8   | 8.8   |
| C360.0 | 14.8  | 12.2  | 9.2   | 8.3   | 8.1   | 7.0   | 7.6   | 7.8   | 7.0   | 7.6   |
|        |       |       |       |       |       |       |       |       |       |       |
| C\G    | G90.0 |       |       |       |       |       |       |       |       |       |
| C0.0   | 8.1   |       |       |       |       |       |       |       |       |       |
| C45.0  | 6.7   |       |       |       |       |       |       |       |       |       |
| C90.0  | 8.8   |       |       |       |       |       |       |       |       |       |
| C135.0 | 6.1   |       |       |       |       |       |       |       |       |       |
| C180.0 | 8.3   |       |       |       |       |       |       |       |       |       |
| C225.0 | 7.3   |       |       |       |       |       |       |       |       |       |
| C270.0 | 6.1   |       |       |       |       |       |       |       |       |       |
| C315.0 | 8.3   |       |       |       |       |       |       |       |       |       |
| C360.0 | 8.1   |       |       |       |       |       |       |       |       |       |

## Zonal Luminous Flux Data

| Gamma<br>[°] | I <sub>mean</sub><br>[cd] | Zonal Flux<br>[lm] | Sum Flux<br>[lm] | Zonal Flux<br>[%] | Sum Flux<br>[%] |
|--------------|---------------------------|--------------------|------------------|-------------------|-----------------|
| 0.0          | 1612.77                   | 0.00               | 0.00             | 0.00              | 0.00            |
| 0.0-1.0      | 1614.92                   | 1.54               | 1.54             | 0.03              | 0.03            |
| 1.0-2.0      | 1613.51                   | 4.63               | 6.18             | 0.08              | 0.10            |
| 2.0-3.0      | 1612.83                   | 7.72               | 13.89            | 0.13              | 0.23            |
| 3.0-4.0      | 1611.72                   | 10.79              | 24.69            | 0.18              | 0.41            |
| 4.0-5.0      | 1611.04                   | 13.86              | 38.55            | 0.23              | 0.64            |
| 5.0-6.0      | 1611.26                   | 16.93              | 55.49            | 0.28              | 0.92            |
| 6.0-7.0      | 1612.05                   | 20.01              | 75.49            | 0.33              | 1.26            |
| 7.0-8.0      | 1613.04                   | 23.08              | 98.57            | 0.38              | 1.64            |
| 8.0-9.0      | 1614.67                   | 26.16              | 124.73           | 0.44              | 2.08            |
| 9.0-10.0     | 1616.24                   | 29.24              | 153.97           | 0.49              | 2.56            |
| 10.0-11.0    | 1618.72                   | 32.32              | 186.30           | 0.54              | 3.10            |
| 11.0-12.0    | 1621.85                   | 35.42              | 221.72           | 0.59              | 3.69            |
| 12.0-13.0    | 1624.48                   | 38.53              | 260.25           | 0.64              | 4.33            |
| 13.0-14.0    | 1628.29                   | 41.64              | 301.88           | 0.69              | 5.02            |
| 14.0-15.0    | 1633.81                   | 44.78              | 346.66           | 0.75              | 5.77            |
| 15.0-16.0    | 1638.50                   | 47.95              | 394.61           | 0.80              | 6.57            |
| 16.0-17.0    | 1643.77                   | 51.11              | 445.73           | 0.85              | 7.42            |
| 17.0-18.0    | 1650.59                   | 54.32              | 500.04           | 0.90              | 8.32            |
| 18.0-19.0    | 1658.43                   | 57.57              | 557.61           | 0.96              | 9.28            |
| 19.0-20.0    | 1666.46                   | 60.85              | 618.47           | 1.01              | 10.29           |
| 20.0-21.0    | 1675.34                   | 64.17              | 682.64           | 1.07              | 11.36           |
| 21.0-22.0    | 1684.73                   | 67.52              | 750.16           | 1.12              | 12.48           |
| 22.0-23.0    | 1696.17                   | 70.94              | 821.10           | 1.18              | 13.66           |
| 23.0-24.0    | 1707.77                   | 74.42              | 895.52           | 1.24              | 14.90           |
| 24.0-25.0    | 1720.13                   | 77.94              | 973.47           | 1.30              | 16.20           |
| 25.0-26.0    | 1733.49                   | 81.52              | 1054.99          | 1.36              | 17.56           |
| 26.0-27.0    | 1748.77                   | 85.19              | 1140.18          | 1.42              | 18.97           |
| 27.0-28.0    | 1763.53                   | 88.92              | 1229.11          | 1.48              | 20.45           |
| 28.0-29.0    | 1777.95                   | 92.66              | 1321.76          | 1.54              | 22.00           |
| 29.0-30.0    | 1792.37                   | 96.40              | 1418.16          | 1.60              | 23.60           |
| 30.0-31.0    | 1804.12                   | 100.08             | 1518.25          | 1.67              | 25.27           |
| 31.0-32.0    | 1814.00                   | 103.65             | 1621.90          | 1.73              | 26.99           |
| 32.0-33.0    | 1823.74                   | 107.17             | 1729.07          | 1.78              | 28.78           |
| 33.0-34.0    | 1831.65                   | 110.62             | 1839.69          | 1.84              | 30.62           |
| 34.0-35.0    | 1837.97                   | 113.96             | 1953.66          | 1.90              | 32.51           |
| 35.0-36.0    | 1842.07                   | 117.17             | 2070.83          | 1.95              | 34.46           |
| 36.0-37.0    | 1843.31                   | 120.20             | 2191.03          | 2.00              | 36.46           |
| 37.0-38.0    | 1842.51                   | 123.03             | 2314.05          | 2.05              | 38.51           |
| 38.0-39.0    | 1838.28                   | 125.64             | 2439.69          | 2.09              | 40.60           |
| 39.0-40.0    | 1830.31                   | 127.95             | 2567.64          | 2.13              | 42.73           |

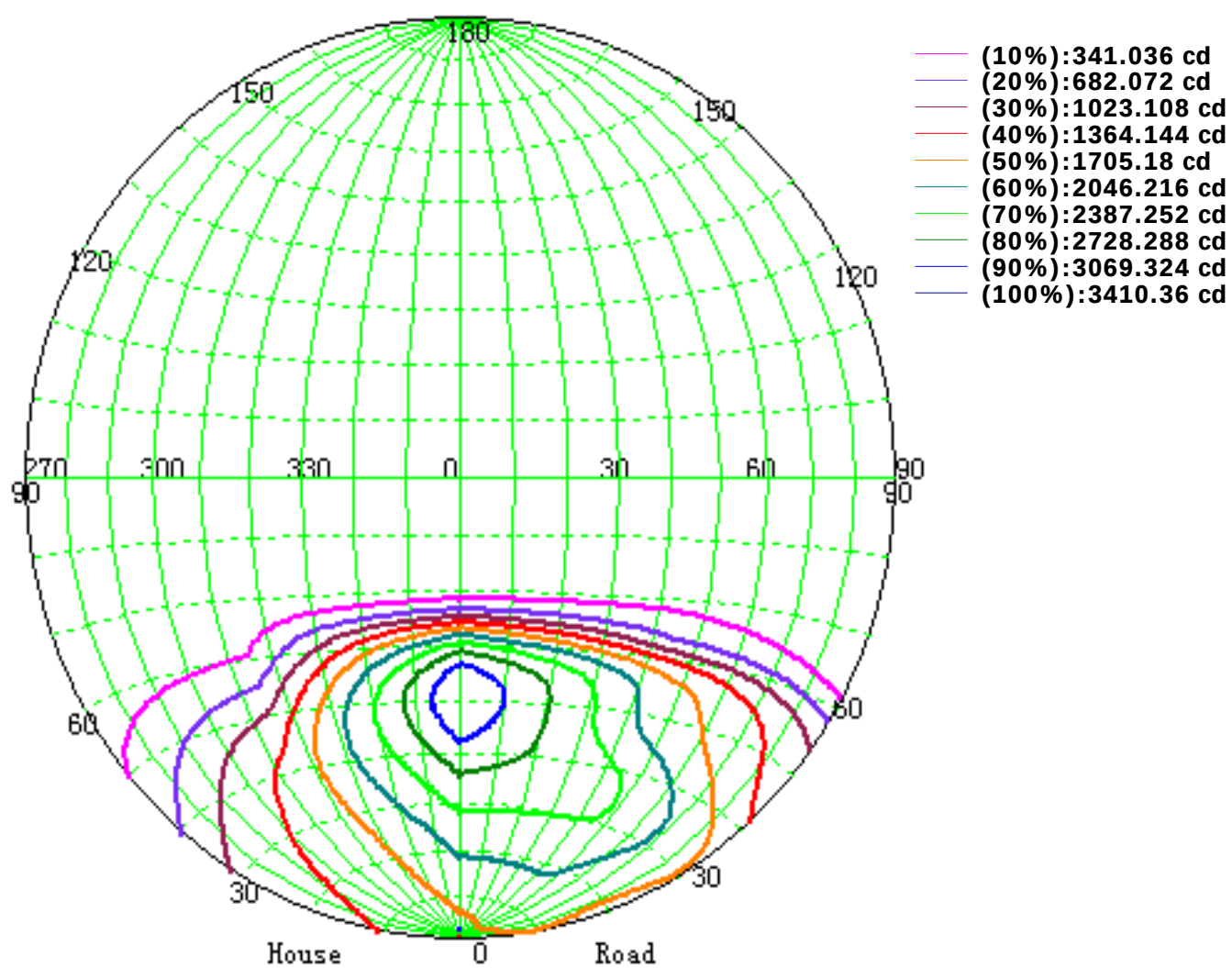
## Zonal Luminous Flux Data

| Gamma<br>[°] | I <sub>mean</sub><br>[cd] | Zonal Flux<br>[lm] | Sum Flux<br>[lm] | Zonal Flux<br>[%] | Sum Flux<br>[%] |
|--------------|---------------------------|--------------------|------------------|-------------------|-----------------|
| 40.0-41.0    | 1821.37                   | 130.03             | 2697.67          | 2.16              | 44.89           |
| 41.0-42.0    | 1810.24                   | 131.94             | 2829.61          | 2.20              | 47.09           |
| 42.0-43.0    | 1797.97                   | 133.66             | 2963.27          | 2.22              | 49.31           |
| 43.0-44.0    | 1781.61                   | 135.10             | 3098.38          | 2.25              | 51.56           |
| 44.0-45.0    | 1762.63                   | 136.21             | 3234.58          | 2.27              | 53.83           |
| 45.0-46.0    | 1743.88                   | 137.13             | 3371.72          | 2.28              | 56.11           |
| 46.0-47.0    | 1722.76                   | 137.88             | 3509.59          | 2.29              | 58.41           |
| 47.0-48.0    | 1698.70                   | 138.31             | 3647.91          | 2.30              | 60.71           |
| 48.0-49.0    | 1672.40                   | 138.44             | 3786.34          | 2.30              | 63.01           |
| 49.0-50.0    | 1646.76                   | 138.39             | 3924.73          | 2.30              | 65.32           |
| 50.0-51.0    | 1621.44                   | 138.27             | 4063.00          | 2.30              | 67.62           |
| 51.0-52.0    | 1593.16                   | 137.94             | 4200.94          | 2.30              | 69.91           |
| 52.0-53.0    | 1565.45                   | 137.40             | 4338.34          | 2.29              | 72.20           |
| 53.0-54.0    | 1538.21                   | 136.80             | 4475.14          | 2.28              | 74.48           |
| 54.0-55.0    | 1511.49                   | 136.13             | 4611.27          | 2.27              | 76.74           |
| 55.0-56.0    | 1477.48                   | 135.06             | 4746.34          | 2.25              | 78.99           |
| 56.0-57.0    | 1435.02                   | 133.17             | 4879.50          | 2.22              | 81.20           |
| 57.0-58.0    | 1383.25                   | 130.33             | 5009.83          | 2.17              | 83.37           |
| 58.0-59.0    | 1315.44                   | 126.17             | 5135.99          | 2.10              | 85.47           |
| 59.0-60.0    | 1235.79                   | 120.53             | 5256.52          | 2.01              | 87.48           |
| 60.0-61.0    | 1133.75                   | 113.08             | 5369.60          | 1.88              | 89.36           |
| 61.0-62.0    | 1025.13                   | 104.03             | 5473.63          | 1.73              | 91.09           |
| 62.0-63.0    | 902.81                    | 93.77              | 5567.40          | 1.56              | 92.65           |
| 63.0-64.0    | 779.52                    | 82.55              | 5649.95          | 1.37              | 94.03           |
| 64.0-65.0    | 647.01                    | 70.60              | 5720.55          | 1.17              | 95.20           |
| 65.0-66.0    | 523.77                    | 58.41              | 5778.96          | 0.97              | 96.17           |
| 66.0-67.0    | 403.96                    | 46.65              | 5825.61          | 0.78              | 96.95           |
| 67.0-68.0    | 308.64                    | 36.10              | 5861.71          | 0.60              | 97.55           |
| 68.0-69.0    | 237.38                    | 27.86              | 5889.56          | 0.46              | 98.01           |
| 69.0-70.0    | 180.83                    | 21.48              | 5911.04          | 0.36              | 98.37           |
| 70.0-71.0    | 147.33                    | 16.96              | 5928.00          | 0.28              | 98.65           |
| 71.0-72.0    | 121.84                    | 14.00              | 5942.00          | 0.23              | 98.89           |
| 72.0-73.0    | 102.03                    | 11.71              | 5953.70          | 0.19              | 99.08           |
| 73.0-74.0    | 85.39                     | 9.85               | 5963.56          | 0.16              | 99.25           |
| 74.0-75.0    | 66.34                     | 8.02               | 5971.57          | 0.13              | 99.38           |
| 75.0-76.0    | 52.52                     | 6.31               | 5977.88          | 0.11              | 99.48           |
| 76.0-77.0    | 43.48                     | 5.12               | 5983.00          | 0.09              | 99.57           |
| 77.0-78.0    | 36.83                     | 4.30               | 5987.30          | 0.07              | 99.64           |
| 78.0-79.0    | 31.51                     | 3.67               | 5990.97          | 0.06              | 99.70           |
| 79.0-80.0    | 26.70                     | 3.14               | 5994.11          | 0.05              | 99.75           |
| 80.0-81.0    | 22.71                     | 2.67               | 5996.78          | 0.04              | 99.80           |

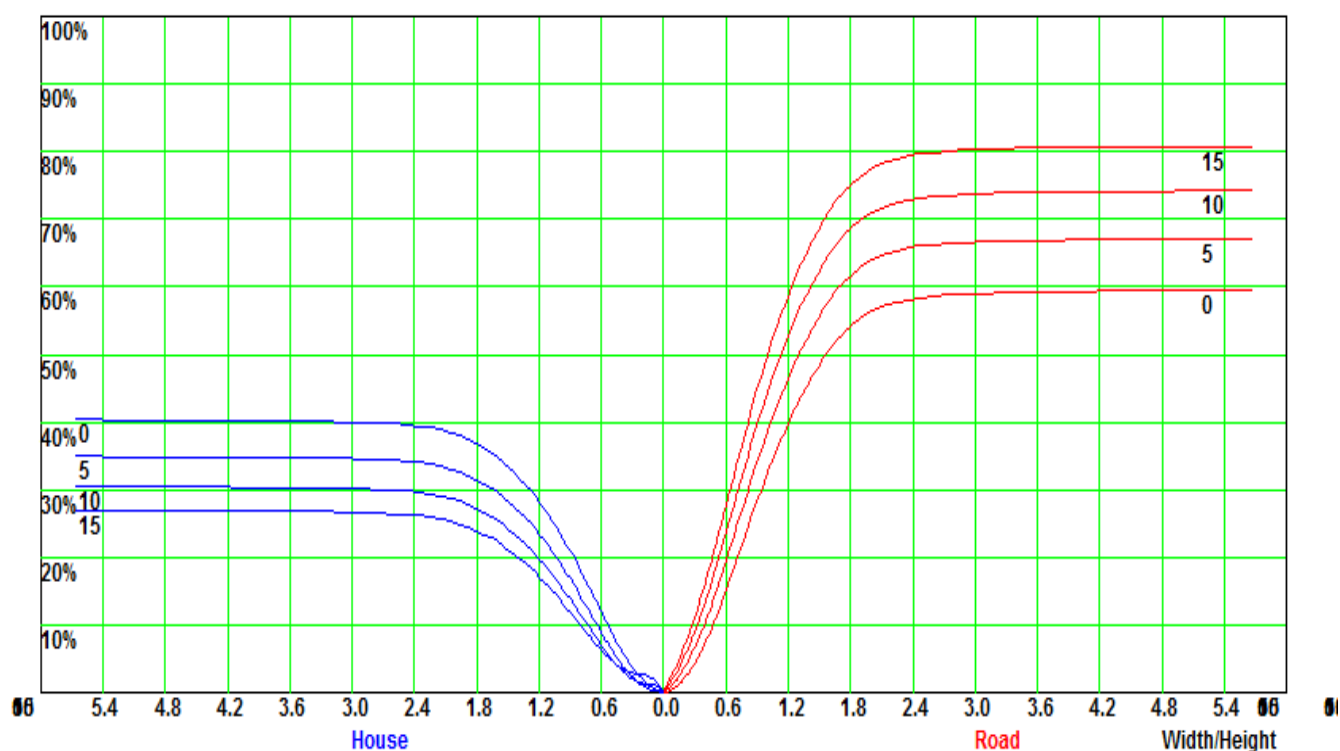


Equipment:CPM-1800 Date:2020-07-29 Operator:mo Test Distance:7.25m  
Temperature:0 Humidity:0 Test Report:0

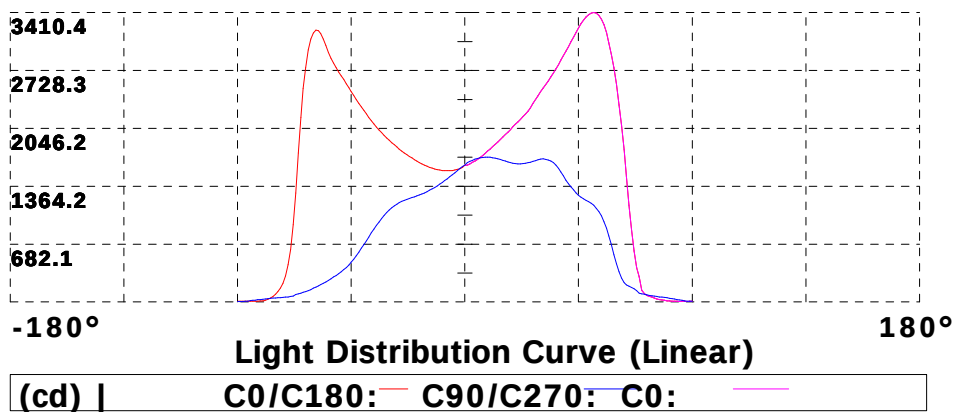
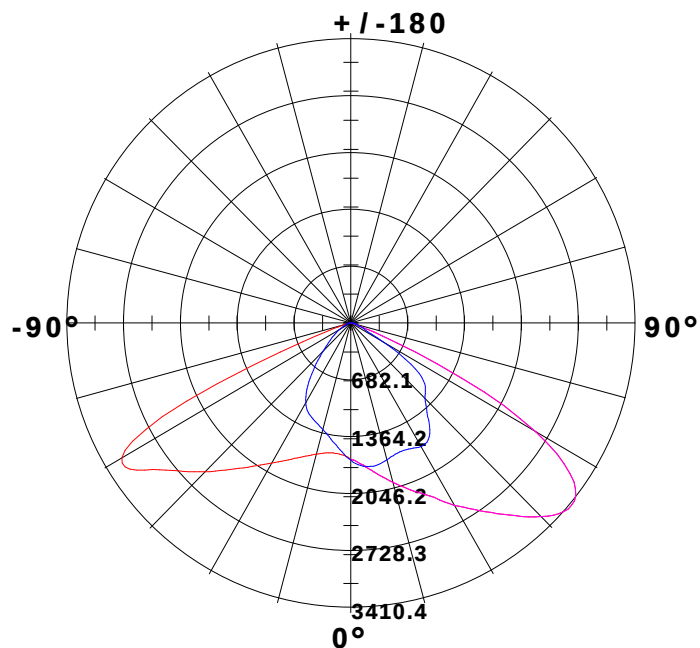
## Iso-Candela [cd]

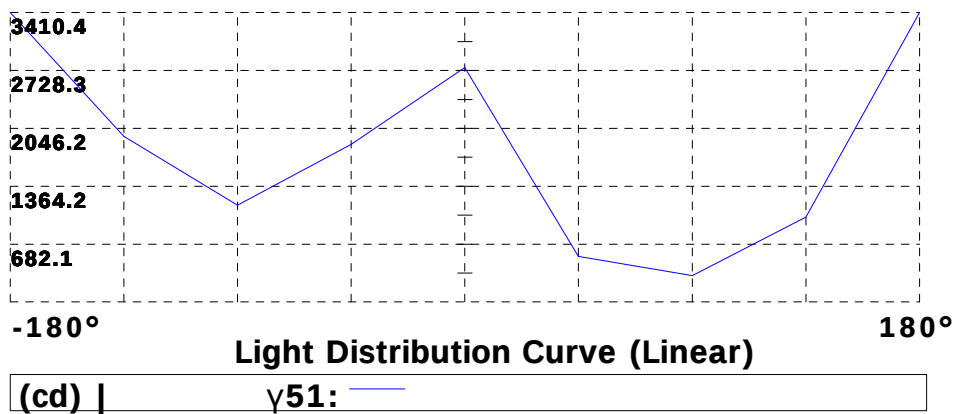
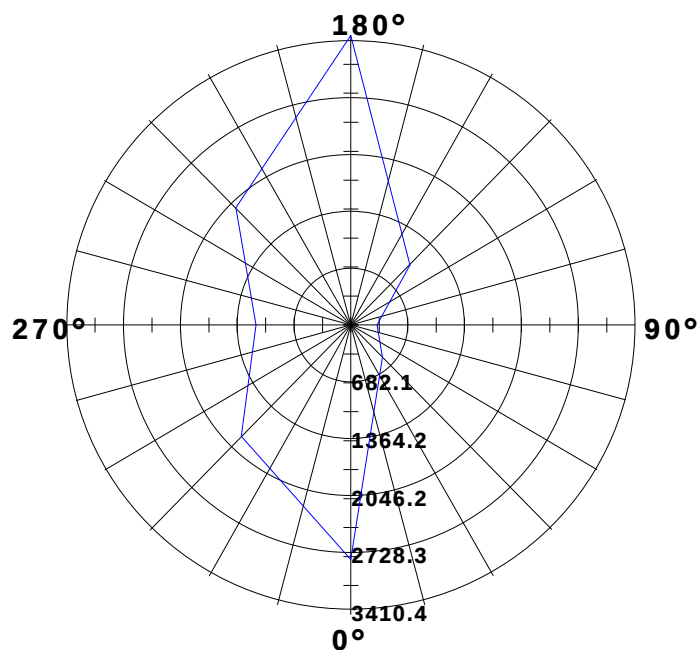


## Coefficient Utilization Curve

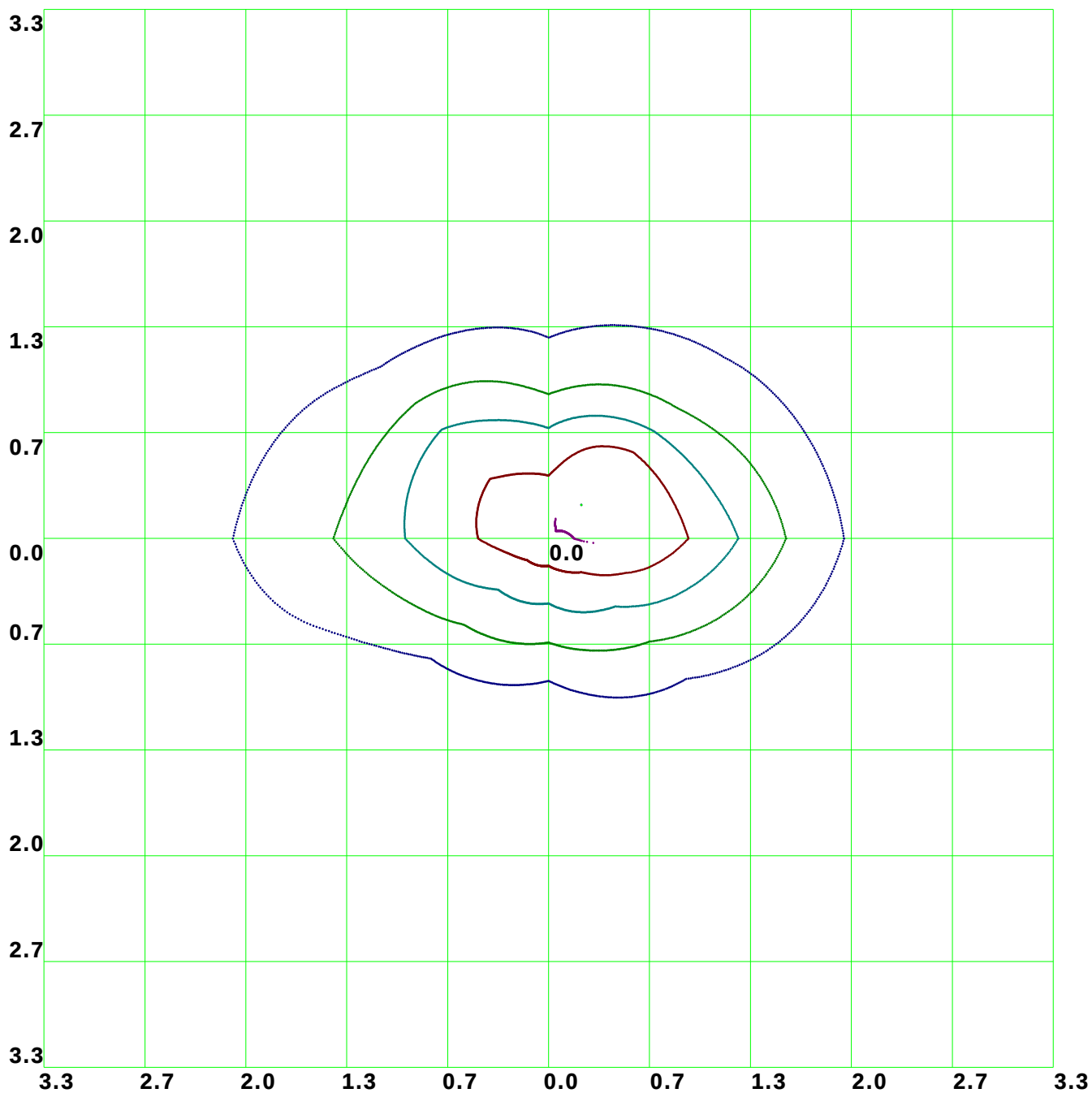


Light Distribution Curve [Unit: cd]





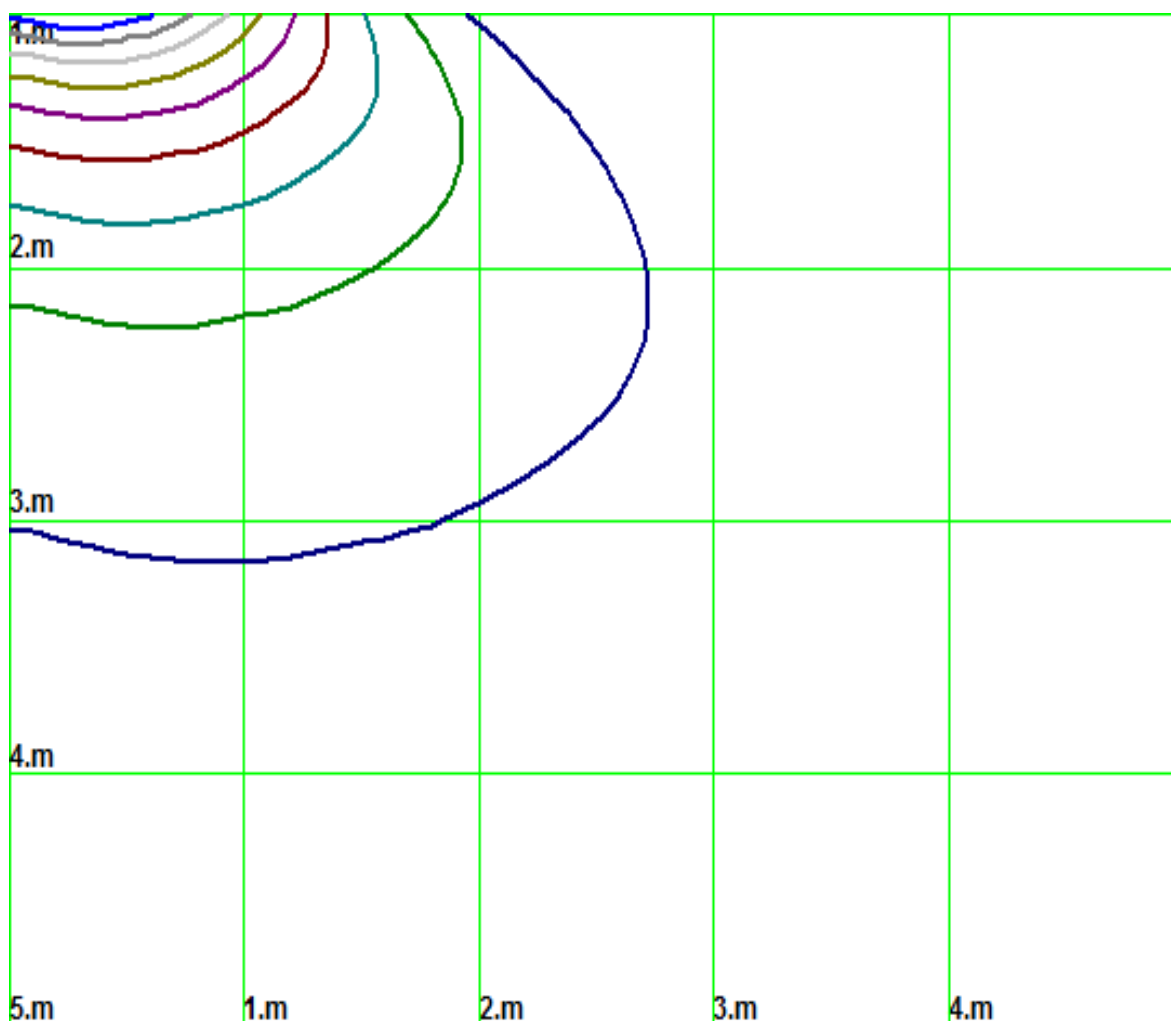
## Isolx curve



Height: 1 m

|                 |                  |                 |                 |
|-----------------|------------------|-----------------|-----------------|
| (10%): 341.1lx  | (20%): 682.1lx   | (30%): 1023.1lx | (40%): 1364.1lx |
| (50%): 1705.2lx | (60%): 2046.2lx  | (70%): 2387.3lx | (80%): 2728.3lx |
| (90%): 3069.3lx | (100%): 3407.1lx |                 |                 |

## Space Isolx Curve



|                   |                    |                   |                   |
|-------------------|--------------------|-------------------|-------------------|
| — (10%): 341.1lx  | — (20%): 682.1lx   | — (30%): 1023.1lx | — (40%): 1364.1lx |
| — (50%): 1705.2lx | — (60%): 2046.2lx  | — (70%): 2387.3lx | — (80%): 2728.3lx |
| — (90%): 3069.3lx | — (100%): 3407.1lx |                   |                   |