

Luminaire Property

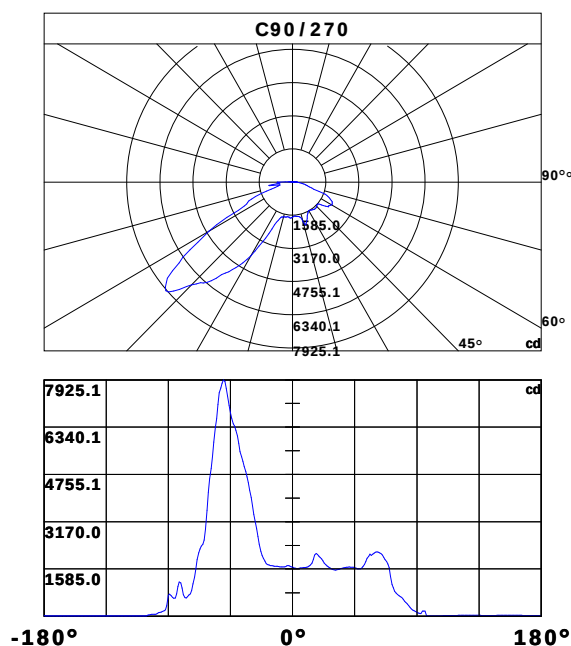
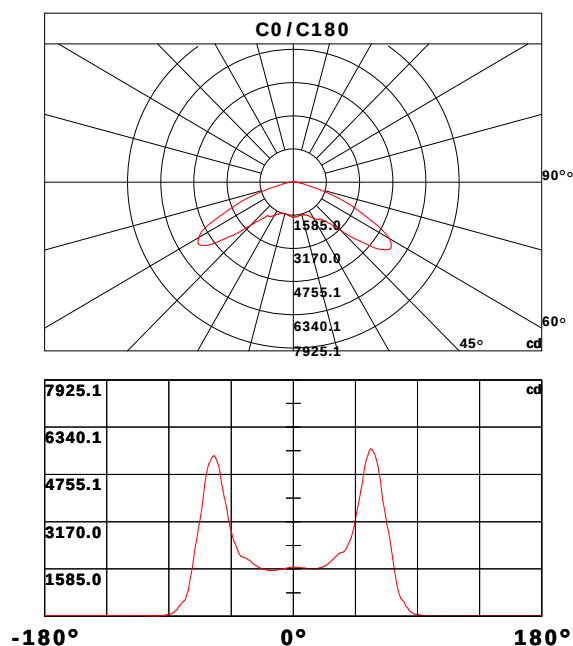
Luminaire Description: LED GEVEL schijnwerper 100W
Luminaire Categorie: LED WALL LIGHT
Lamp Categorie:
Lamp Description: LED GEVEL schijnwerper 100W
Number of Lamp: 1
Lamp Lumens(lm): 15061.44
Luminous Length(m): 0.28
Luminous Width(m): 0.121
Luminous Height(m): 0.134

Voltage: 220.2 V
Current: 0.455 A
Power: 100.2 W
Power Factor: 0.975
Test Lab: HuiPu-lab
Photometric Type: Type C
Manufactory:

Photometric Results

CIE Class: Direct
Luminaire Lumens: 15061.44 lm
Efficiency: 150.3138 lm/W
Central Intensity: 1656.358cd
Max. Intensity: 7925.086cd
Field Angle(10%Imax): NA

Max.Intensity Angle: C:270.0 G:50.0
Beam Angle(50%Imax): L: -11.3 R:61.3
Luminaire Efficacy Rating(LER) : 100.00%
Upward Ratio: NA
Downward Ratio: NA
Beamwidth(50%Imax): C0/180=142.67 C90/270=107.87



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	1656.4	1650.6	1650.8	1642.3	1637.2	1633.2	1628.7	1620.1	1622.6	1610.7
C30.0	1656.4	1654.6	1654.0	1640.3	1613.9	1600.2	1584.2	1578.4	1565.6	1558.5
C60.0	1656.4	1666.3	1626.8	1614.9	1606.9	1595.7	1604.6	1595.0	1606.7	1610.1
C90.0	1656.4	1625.7	1608.0	1599.6	1601.1	1609.2	1616.5	1624.5	1631.2	1634.9
C120.0	1656.4	1641.2	1617.9	1608.5	1603.1	1615.9	1610.9	1617.2	1621.7	1623.9
C150.0	1656.4	1630.2	1626.6	1603.1	1592.1	1584.2	1577.6	1578.6	1569.9	1567.7
C180.0	1656.4	1645.6	1640.5	1633.2	1620.6	1613.2	1601.9	1590.8	1582.9	1577.6
C210.0	1656.4	1663.9	1677.5	1693.0	1683.3	1680.9	1675.5	1654.4	1632.7	1617.0
C240.0	1656.4	1667.0	1704.2	1705.8	1695.2	1663.4	1655.3	1644.8	1641.2	1636.7
C270.0	1656.4	1657.0	1682.9	1694.4	1697.1	1668.6	1658.8	1653.6	1653.1	1657.3
C300.0	1656.4	1662.9	1668.7	1698.1	1702.1	1689.9	1661.8	1650.1	1644.6	1636.5
C330.0	1656.4	1660.5	1668.1	1656.0	1659.6	1669.9	1678.4	1682.2	1683.3	1655.3
C360.0	1656.4	1650.6	1650.8	1642.3	1637.2	1633.2	1628.7	1620.1	1622.6	1610.7
C\G	G10.0	G11.0	G12.0	G13.0	G14.0	G15.0	G16.0	G17.0	G18.0	G19.0
C0.0	1606.0	1600.6	1595.7	1595.3	1595.7	1592.8	1595.9	1600.9	1614.5	1626.4
C30.0	1552.9	1555.8	1552.0	1550.8	1551.3	1551.6	1552.4	1556.9	1564.3	1575.1
C60.0	1609.4	1602.2	1609.1	1618.4	1631.3	1649.3	1699.9	1752.6	1851.2	1951.2
C90.0	1643.1	1660.1	1686.4	1719.3	1782.6	1900.6	2046.4	2109.5	2072.1	2017.0
C120.0	1617.0	1625.5	1639.6	1653.8	1675.3	1715.4	1799.4	1930.6	2023.4	2031.4
C150.0	1566.8	1566.8	1557.8	1559.2	1550.8	1551.8	1549.3	1558.2	1571.5	1585.8
C180.0	1564.6	1557.2	1549.1	1542.3	1538.8	1534.5	1536.5	1538.8	1542.6	1550.8
C210.0	1603.1	1591.6	1579.8	1569.3	1562.7	1558.5	1556.0	1552.9	1556.7	1559.6
C240.0	1633.6	1634.9	1642.7	1641.4	1640.3	1639.6	1637.2	1637.6	1645.2	1639.8
C270.0	1665.2	1670.3	1677.1	1681.9	1688.0	1694.9	1704.7	1717.7	1734.3	1766.7
C300.0	1640.3	1638.8	1649.9	1648.6	1643.7	1642.1	1644.1	1644.6	1652.2	1656.7
C330.0	1630.9	1622.6	1603.5	1605.1	1586.5	1580.5	1585.8	1579.8	1584.2	1598.4
C360.0	1606.0	1600.6	1595.7	1595.3	1595.7	1592.8	1595.9	1600.9	1614.5	1626.4
C\G	G20.0	G21.0	G22.0	G23.0	G24.0	G25.0	G26.0	G27.0	G28.0	G29.0
C0.0	1638.0	1655.3	1669.2	1688.3	1717.2	1753.7	1794.0	1840.0	1883.0	1926.1
C30.0	1593.7	1604.6	1627.1	1656.9	1706.6	1773.0	1855.4	1936.8	2016.6	2045.1
C60.0	2020.7	1996.4	1942.6	1887.5	1857.5	1832.6	1780.4	1705.8	1657.1	1627.7
C90.0	1978.4	1927.6	1857.0	1783.8	1727.5	1686.1	1651.7	1617.7	1585.2	1569.4
C120.0	1979.2	1930.6	1898.9	1857.0	1795.0	1728.6	1670.8	1627.5	1586.7	1554.0
C150.0	1606.2	1650.4	1711.8	1792.5	1861.5	1906.3	1896.7	1866.5	1859.1	1875.0
C180.0	1557.8	1567.2	1578.9	1595.5	1621.7	1646.8	1677.1	1701.3	1730.4	1767.8
C210.0	1566.1	1571.7	1578.9	1593.0	1607.3	1620.8	1630.2	1646.4	1658.4	1665.4
C240.0	1644.3	1657.8	1666.8	1721.9	1780.6	1848.0	1919.3	2017.8	2205.4	2398.1
C270.0	1848.2	1943.7	2041.4	2181.7	2413.1	2676.1	2927.1	3145.8	3417.0	3701.9
C300.0	1657.6	1667.2	1689.1	1741.2	1805.1	1871.4	1954.8	2087.9	2275.3	2475.4
C330.0	1611.4	1617.2	1636.1	1659.6	1668.3	1673.7	1686.7	1707.1	1725.0	1735.6
C360.0	1638.0	1655.3	1669.2	1688.3	1717.2	1753.7	1794.0	1840.0	1883.0	1926.1

Light intensity data Unit[cd]

C\G	G30.0	G31.0	G32.0	G33.0	G34.0	G35.0	G36.0	G37.0	G38.0	G39.0
C0.0	1967.5	2010.6	2051.2	2094.9	2126.7	2142.3	2151.6	2181.1	2242.8	2334.2
C30.0	2050.4	2051.6	2061.0	2085.6	2123.1	2156.9	2163.5	2141.5	2102.3	2044.0
C60.0	1589.9	1565.0	1552.7	1541.3	1520.9	1509.4	1513.7	1525.3	1526.2	1551.3
C90.0	1555.8	1552.4	1559.3	1568.3	1580.8	1601.8	1612.1	1620.8	1631.9	1643.7
C120.0	1525.3	1502.5	1487.9	1468.4	1461.9	1455.8	1457.2	1460.7	1471.5	1480.5
C150.0	1886.9	1885.7	1876.3	1880.3	1895.8	1912.9	1910.4	1909.5	1861.3	1807.0
C180.0	1810.2	1847.6	1883.5	1917.3	1950.5	1972.5	1980.7	1985.7	2017.0	2083.8
C210.0	1678.4	1689.6	1700.4	1719.8	1724.1	1734.6	1737.3	1736.7	1733.3	1736.9
C240.0	2561.3	2720.6	2906.9	3097.4	3313.9	3556.8	3812.8	4031.2	4247.9	4491.3
C270.0	3987.7	4229.1	4477.4	4664.8	4849.9	5022.8	5196.5	5345.1	5520.8	5798.5
C300.0	2650.7	2853.3	3048.5	3263.3	3520.1	3789.9	4011.0	4242.1	4460.1	4706.9
C330.0	1763.8	1775.7	1780.8	1790.9	1796.5	1815.4	1845.4	1854.8	1858.4	1866.9
C360.0	1967.5	2010.6	2051.2	2094.9	2126.7	2142.3	2151.6	2181.1	2242.8	2334.2
C\G	G40.0	G41.0	G42.0	G43.0	G44.0	G45.0	G46.0	G47.0	G48.0	G49.0
C0.0	2429.2	2532.4	2637.5	2817.0	3010.2	3225.8	3484.5	3752.6	3973.3	4216.7
C30.0	2000.9	1969.8	1951.4	1950.5	1982.3	2043.1	2101.5	2163.5	2209.6	2263.1
C60.0	1570.4	1586.0	1617.0	1629.1	1647.2	1646.8	1653.5	1645.2	1641.2	1611.2
C90.0	1649.3	1652.4	1650.3	1649.9	1642.5	1630.5	1613.9	1595.8	1590.7	1591.3
C120.0	1490.8	1509.0	1516.6	1534.9	1560.9	1578.4	1591.0	1587.9	1577.1	1549.3
C150.0	1745.6	1684.0	1652.0	1614.9	1604.9	1599.0	1589.2	1607.8	1615.7	1637.6
C180.0	2188.3	2306.6	2434.8	2539.3	2671.1	2860.5	3050.4	3263.9	3565.0	3816.2
C210.0	1757.3	1793.4	1840.4	1913.1	1989.5	2062.3	2138.8	2252.2	2399.3	2602.1
C240.0	4691.4	4870.5	5028.1	5216.8	5356.3	5549.9	5737.3	5991.9	6180.9	6358.1
C270.0	6043.4	6233.0	6375.2	6452.9	6640.3	6832.2	7060.1	7381.3	7643.1	7862.9
C300.0	4913.6	5103.2	5298.8	5444.7	5648.1	5870.7	6148.3	6357.7	6535.4	6732.2
C330.0	1881.2	1905.5	1965.3	2041.3	2116.1	2211.2	2309.1	2420.7	2565.8	2746.0
C360.0	2429.2	2532.4	2637.5	2817.0	3010.2	3225.8	3484.5	3752.6	3973.3	4216.7
C\G	G50.0	G51.0	G52.0	G53.0	G54.0	G55.0	G56.0	G57.0	G58.0	G59.0
C0.0	4491.7	4812.3	5080.1	5248.0	5399.5	5543.0	5609.5	5582.4	5521.9	5438.3
C30.0	2371.9	2524.0	2743.9	3000.8	3225.2	3450.9	3752.1	4157.8	4606.1	4953.3
C60.0	1585.8	1566.8	1555.1	1538.4	1530.7	1531.4	1510.3	1497.3	1472.4	1434.1
C90.0	1610.3	1665.5	1742.9	1833.6	1938.7	2013.2	2084.0	2043.0	2085.4	2119.4
C120.0	1513.9	1478.9	1446.4	1426.5	1416.4	1406.3	1393.5	1366.2	1333.7	1279.0
C150.0	1697.3	1777.7	1881.9	1956.4	2022.0	2082.3	2215.4	2440.9	2753.4	3021.0
C180.0	3989.9	4232.2	4512.6	4822.6	5035.3	5184.6	5307.0	5374.6	5366.3	5300.6
C210.0	2818.6	3015.8	3174.9	3353.4	3563.6	3862.6	4159.4	4309.1	4396.0	4592.6
C240.0	6523.3	6507.2	6532.5	6623.8	6647.9	6726.0	6760.7	6620.9	6354.1	5979.3
C270.0	7925.1	7815.5	7650.5	7488.2	7096.4	6620.1	6327.6	5841.7	5357.1	4960.9
C300.0	6771.0	6764.0	6864.3	6910.9	7011.5	7048.2	6835.3	6583.8	6262.5	5794.9
C330.0	2971.0	3193.1	3380.3	3578.6	3753.7	3965.3	4201.7	4292.3	4387.3	4562.1
C360.0	4491.7	4812.3	5080.1	5248.0	5399.5	5543.0	5609.5	5582.4	5521.9	5438.3

Light intensity data Unit[cd]

C\G	G60.0	G61.0	G62.0	G63.0	G64.0	G65.0	G66.0	G67.0	G68.0	G69.0
C0.0	5307.6	5111.5	4862.2	4563.0	4183.1	3858.8	3569.9	3303.1	3044.5	2811.7
C30.0	5235.5	5451.1	5619.6	5664.2	5606.6	5486.3	5276.7	5008.2	4695.7	4338.7
C60.0	1390.6	1306.8	1241.1	1205.9	1165.8	1119.4	1058.4	1035.1	1030.2	1055.7
C90.0	2150.0	2159.3	2148.7	2132.4	2100.5	2050.6	1976.8	1904.6	1830.9	1747.7
C120.0	1195.4	1189.5	1203.9	1233.0	1255.5	1267.4	1283.3	1308.6	1323.4	1335.2
C150.0	3229.9	3517.4	3930.1	4307.8	4495.8	4597.3	4667.5	4712.0	4703.6	4655.6
C180.0	5220.0	5113.1	4961.1	4729.8	4405.9	4043.2	3698.3	3389.0	3094.5	2846.6
C210.0	4828.0	4977.7	5009.0	5010.4	4997.2	4928.6	4845.2	4786.7	4717.0	4599.1
C240.0	5369.7	4803.3	4321.4	3779.2	3400.4	3009.8	2404.4	1956.4	1752.4	1670.3
C270.0	4606.1	4152.2	3555.1	2912.9	2560.8	2418.3	2353.3	2256.5	2121.1	1902.6
C300.0	5302.5	4834.4	4213.4	3822.0	3486.7	2967.4	2464.4	2108.5	1954.2	1872.1
C330.0	4809.1	4961.6	5043.8	5137.2	5218.0	5205.0	5183.7	5176.5	5120.7	5030.4
C360.0	5307.6	5111.5	4862.2	4563.0	4183.1	3858.8	3569.9	3303.1	3044.5	2811.7
C\G	G70.0	G71.0	G72.0	G73.0	G74.0	G75.0	G76.0	G77.0	G78.0	G79.0
C0.0	2547.6	2266.3	1915.3	1614.8	1349.5	1085.1	844.4	705.1	588.5	535.2
C30.0	3932.3	3580.4	3271.1	3004.8	2726.2	2434.6	2143.6	1879.2	1564.9	1388.1
C60.0	1100.6	1170.7	1236.2	1250.3	1126.4	1007.3	925.1	885.7	859.7	824.0
C90.0	1632.7	1343.7	1067.6	954.5	845.5	778.6	739.1	693.5	661.3	635.2
C120.0	1345.5	1378.7	1385.0	1268.7	1115.9	996.6	949.3	918.8	888.1	825.3
C150.0	4590.8	4567.9	4532.7	4434.4	4215.4	3848.5	3495.2	3140.0	2705.2	2169.9
C180.0	2576.7	2298.6	1976.5	1680.4	1435.2	1151.7	884.9	710.3	578.4	522.2
C210.0	4362.6	4031.4	3644.3	3234.8	2848.0	2618.6	2432.9	2261.0	1887.1	1728.4
C240.0	1643.2	1570.6	1392.5	1125.9	878.1	663.9	557.5	534.3	519.9	491.0
C270.0	1586.3	1309.7	1087.1	877.1	757.5	711.3	663.1	613.0	629.5	723.0
C300.0	1813.4	1712.5	1472.1	1168.1	911.8	713.5	631.4	616.1	589.2	547.9
C330.0	4920.1	4780.2	4586.1	4498.3	4586.8	4423.2	3954.3	3492.3	2954.8	2411.3
C360.0	2547.6	2266.3	1915.3	1614.8	1349.5	1085.1	844.4	705.1	588.5	535.2
C\G	G80.0	G81.0	G82.0	G83.0	G84.0	G85.0	G86.0	G87.0	G88.0	G89.0
C0.0	490.2	412.7	326.6	268.6	201.3	156.8	123.3	91.8	70.1	66.1
C30.0	1289.4	1228.4	1152.5	1051.5	951.9	849.2	622.4	439.3	330.9	250.7
C60.0	778.7	720.9	661.5	587.8	552.4	575.4	601.9	608.9	601.1	595.3
C90.0	565.4	507.9	461.8	408.0	354.2	300.0	249.7	212.1	183.2	159.3
C120.0	762.2	696.0	617.9	572.5	498.4	437.8	387.1	340.0	298.0	248.2
C150.0	1812.8	1506.2	1187.5	904.1	726.2	557.7	394.0	271.2	194.6	167.5
C180.0	480.4	422.4	369.1	312.6	239.6	192.9	156.9	114.3	85.2	77.2
C210.0	1561.9	1272.5	887.7	580.8	410.4	319.7	243.9	205.2	189.2	172.0
C240.0	460.4	435.1	402.6	374.1	367.4	403.7	425.2	568.2	611.3	654.3
C270.0	947.8	1123.3	1154.5	995.9	756.1	617.2	596.9	640.1	690.8	741.5
C300.0	503.0	456.8	429.1	444.0	565.9	634.1	722.0	790.0	754.5	621.4
C330.0	1831.3	1331.7	947.5	686.4	561.3	472.1	400.2	311.3	251.0	226.7
C360.0	490.2	412.7	326.6	268.6	201.3	156.8	123.3	91.8	70.1	66.1

Light intensity data Unit[cd]

C\G	G90.0	G91.0	G92.0	G93.0	G94.0	G95.0	G96.0	G97.0	G98.0	G99.0
C0.0	61.2	52.3	42.3	32.7	23.4	13.7	12.0	10.2	11.2	11.7
C30.0	188.5	137.8	70.6	41.3	23.2	15.4	13.3	12.6	13.1	13.6
C60.0	498.4	347.5	230.7	124.9	62.1	37.7	16.5	13.7	14.2	14.7
C90.0	132.3	112.9	101.0	95.3	176.5	177.5	178.4	16.8	14.1	11.4
C120.0	165.4	126.6	97.4	70.1	50.5	36.2	19.0	16.7	14.3	15.0
C150.0	146.1	116.4	69.5	28.0	18.2	14.0	12.3	12.8	13.1	13.4
C180.0	72.7	62.1	50.9	41.7	31.3	21.3	17.9	14.4	14.7	15.4
C210.0	170.5	140.3	101.2	79.6	49.4	35.1	24.7	12.2	12.1	12.2
C240.0	586.2	494.9	501.6	590.0	518.4	446.7	191.9	123.0	109.5	88.6
C270.0	703.2	356.9	219.1	187.6	165.1	147.0	136.0	115.9	91.8	71.6
C300.0	540.3	536.4	576.7	616.9	584.2	265.8	150.4	125.7	118.9	101.6
C330.0	184.4	153.2	129.3	95.9	71.4	55.1	45.7	34.3	12.3	11.9
C360.0	61.2	52.3	42.3	32.7	23.4	13.7	12.0	10.2	11.2	11.7
C\G	G100.0	G101.0	G102.0	G103.0	G104.0	G105.0	G106.0	G107.0	G108.0	G109.0
C0.0	12.8	13.4	13.7	14.4	15.0	15.5	15.9	16.4	16.8	16.9
C30.0	13.9	14.4	14.8	15.1	15.5	15.8	16.4	16.7	16.9	17.3
C60.0	15.3	15.8	16.6	17.2	18.0	18.5	19.2	19.7	20.8	21.3
C90.0	12.3	12.8	13.7	14.7	15.5	16.6	17.6	18.5	19.4	20.6
C120.0	15.8	16.3	17.3	18.1	18.8	19.4	20.5	21.2	21.6	22.4
C150.0	14.2	14.2	14.8	15.5	15.5	16.0	16.6	17.0	17.4	18.1
C180.0	16.1	17.0	17.5	18.0	18.5	19.1	19.5	20.0	20.5	21.1
C210.0	12.3	12.6	12.9	12.8	12.9	13.1	13.2	13.5	13.5	13.7
C240.0	77.3	57.3	31.7	19.8	14.0	11.2	10.0	8.7	9.0	9.2
C270.0	63.7	63.5	61.0	56.8	43.0	29.3	7.6	7.5	7.3	7.4
C300.0	87.9	64.2	51.9	28.8	8.2	8.2	8.6	8.8	9.2	9.2
C330.0	12.0	12.1	12.0	12.1	12.3	12.5	12.8	12.4	12.8	12.8
C360.0	12.8	13.4	13.7	14.4	15.0	15.5	15.9	16.4	16.8	16.9
C\G	G110.0	G111.0	G112.0	G113.0	G114.0	G115.0	G116.0	G117.0	G118.0	G119.0
C0.0	17.4	17.8	17.9	18.3	18.3	18.7	18.9	18.9	19.1	19.7
C30.0	17.9	18.1	18.4	18.9	19.2	20.2	20.2	20.6	21.1	21.5
C60.0	22.0	22.6	23.2	24.1	24.2	24.6	25.1	25.6	25.8	26.2
C90.0	21.5	22.9	23.4	24.7	25.3	26.3	27.0	27.8	28.2	28.8
C120.0	23.2	24.0	25.0	25.3	26.3	26.5	27.0	27.3	28.0	28.4
C150.0	18.3	18.9	19.5	19.7	20.3	20.9	21.5	21.8	22.2	23.1
C180.0	21.2	21.3	21.6	22.1	22.2	22.4	22.5	22.6	22.9	22.9
C210.0	13.7	13.9	14.1	14.2	14.6	14.7	14.8	15.2	15.2	15.5
C240.0	9.5	9.9	10.2	10.4	10.6	11.0	11.2	11.5	11.8	12.1
C270.0	7.6	8.0	7.8	8.0	7.9	8.3	8.2	8.3	8.4	8.4
C300.0	9.5	9.6	9.9	10.2	10.5	10.5	11.0	11.0	11.3	11.5
C330.0	12.9	13.1	13.4	13.5	13.7	14.2	14.3	14.6	14.7	15.0
C360.0	17.4	17.8	17.9	18.3	18.3	18.7	18.9	18.9	19.1	19.7

Light intensity data Unit[cd]

C\G	G120.0	G121.0	G122.0	G123.0	G124.0	G125.0	G126.0	G127.0	G128.0	G129.0
C0.0	19.5	19.5	19.7	19.7	19.9	20.2	20.1	20.0	20.5	20.3
C30.0	21.9	22.6	22.9	23.4	23.5	24.1	24.7	24.6	24.8	25.3
C60.0	26.5	26.7	27.0	27.1	27.2	27.2	27.4	27.4	27.4	27.4
C90.0	29.5	29.8	29.9	30.3	30.6	30.6	30.5	30.6	30.6	30.3
C120.0	28.5	28.8	29.3	29.4	29.7	29.8	29.8	30.1	29.9	29.8
C150.0	23.0	23.5	23.8	24.2	24.4	25.0	25.0	25.3	25.8	26.1
C180.0	23.0	23.1	23.5	23.2	23.3	23.7	23.4	23.6	23.3	24.0
C210.0	15.8	15.9	16.1	16.6	16.7	17.2	17.2	17.4	17.9	18.1
C240.0	12.6	12.9	13.3	13.6	13.9	14.2	14.8	14.9	15.2	15.5
C270.0	8.7	9.0	8.9	8.9	9.4	9.3	9.7	9.6	9.9	10.2
C300.0	11.7	12.0	12.5	12.3	12.6	12.9	13.1	13.4	13.7	13.9
C330.0	15.0	15.4	15.5	15.8	15.9	16.1	16.3	16.5	16.8	16.9
C360.0	19.5	19.5	19.7	19.7	19.9	20.2	20.1	20.0	20.5	20.3
C\G	G130.0	G131.0	G132.0	G133.0	G134.0	G135.0	G136.0	G137.0	G138.0	G139.0
C0.0	20.8	20.5	20.6	20.8	21.1	21.5	21.3	21.6	21.9	22.2
C30.0	25.8	26.2	26.1	26.6	27.1	27.4	27.7	28.2	28.6	29.0
C60.0	27.9	27.8	28.0	28.2	28.4	28.7	28.7	28.8	29.0	29.2
C90.0	30.3	30.4	29.7	29.6	29.6	29.1	29.0	28.7	28.4	28.3
C120.0	30.1	30.0	30.1	29.7	29.8	29.8	29.7	29.5	29.3	29.2
C150.0	26.4	26.9	27.6	27.7	28.0	28.8	29.1	29.5	29.7	30.2
C180.0	23.6	23.6	23.9	24.1	23.9	24.1	24.1	24.7	24.5	24.7
C210.0	18.4	18.8	19.1	19.5	19.8	20.1	20.5	20.8	21.1	21.4
C240.0	15.8	16.0	16.3	16.5	16.8	17.5	17.2	17.7	17.6	17.6
C270.0	10.2	10.4	10.5	10.9	11.3	11.5	11.9	11.9	12.2	12.6
C300.0	14.2	14.8	14.7	15.0	15.2	15.5	15.3	15.6	15.7	15.8
C330.0	17.4	17.2	17.5	17.8	18.0	18.1	18.4	18.5	18.7	19.2
C360.0	20.8	20.5	20.6	20.8	21.1	21.5	21.3	21.6	21.9	22.2
C\G	G140.0	G141.0	G142.0	G143.0	G144.0	G145.0	G146.0	G147.0	G148.0	G149.0
C0.0	22.5	23.1	23.2	23.7	23.7	23.9	24.2	24.5	24.5	24.6
C30.0	29.5	29.8	30.2	30.6	30.9	31.2	31.5	31.7	31.9	31.9
C60.0	29.7	29.7	29.9	30.3	30.6	31.3	31.3	31.6	31.9	32.2
C90.0	28.0	28.0	27.9	28.1	28.1	28.1	28.4	28.6	28.9	29.3
C120.0	29.2	29.3	29.0	29.0	29.0	29.0	29.4	29.4	29.6	29.8
C150.0	30.3	30.6	30.9	31.1	31.4	31.4	31.9	31.6	31.9	31.6
C180.0	25.1	25.3	25.3	25.8	25.9	26.1	26.4	26.4	26.6	26.6
C210.0	21.6	21.9	22.4	22.3	22.5	22.9	22.8	22.6	23.0	22.6
C240.0	18.1	18.1	17.9	18.2	18.0	18.3	17.9	17.8	17.9	17.9
C270.0	13.0	13.1	13.2	13.6	13.6	13.9	14.2	14.3	14.4	14.7
C300.0	16.2	16.0	16.2	16.0	16.1	16.3	16.5	16.3	16.3	16.2
C330.0	19.6	19.5	19.7	19.9	20.3	20.1	20.3	20.3	20.5	20.2
C360.0	22.5	23.1	23.2	23.7	23.7	23.9	24.2	24.5	24.5	24.6

Light intensity data Unit[cd]

C\G	G150.0	G151.0	G152.0	G153.0	G154.0	G155.0	G156.0	G157.0	G158.0	G159.0
C0.0	24.7	24.8	24.9	24.8	24.7	24.5	24.2	24.2	23.8	23.5
C30.0	32.3	32.1	31.8	31.7	31.4	31.0	30.8	30.5	29.8	29.5
C60.0	32.6	32.5	32.7	32.7	32.8	32.7	32.9	32.8	32.5	32.2
C90.0	29.8	30.1	30.7	31.1	31.1	31.3	31.3	31.4	31.7	31.7
C120.0	30.2	30.3	30.5	30.6	30.7	30.7	31.3	31.0	31.0	31.0
C150.0	31.5	31.5	31.3	31.5	31.2	30.7	30.3	30.0	29.6	29.3
C180.0	26.9	26.6	26.8	26.6	26.6	26.1	26.1	25.9	25.5	25.0
C210.0	22.5	22.6	22.4	22.1	22.3	21.9	21.9	21.3	21.3	21.2
C240.0	17.6	17.6	17.4	17.3	17.1	17.0	17.0	17.3	16.8	16.7
C270.0	15.0	15.0	15.1	15.1	15.2	15.7	15.5	15.5	15.8	15.5
C300.0	16.5	16.3	16.1	16.1	16.4	16.0	16.1	16.0	15.9	16.0
C330.0	20.3	20.3	20.4	20.2	19.9	19.9	19.7	19.5	19.5	19.5
C360.0	24.7	24.8	24.9	24.8	24.7	24.5	24.2	24.2	23.8	23.5
C\G	G160.0	G161.0	G162.0	G163.0	G164.0	G165.0	G166.0	G167.0	G168.0	G169.0
C0.0	23.3	23.2	22.5	22.2	21.9	21.9	21.6	21.0	21.1	20.5
C30.0	28.8	28.3	27.8	27.2	26.6	26.1	25.7	25.4	24.7	24.3
C60.0	31.9	32.1	31.4	30.7	30.2	29.7	29.5	28.4	27.9	27.1
C90.0	31.5	31.7	31.3	30.9	30.5	30.0	29.4	28.7	28.3	27.6
C120.0	30.7	30.6	30.3	30.2	29.6	29.3	28.9	28.4	27.9	27.2
C150.0	29.0	28.0	27.6	27.0	26.4	26.0	25.4	24.8	24.5	23.8
C180.0	24.8	24.5	24.0	23.6	23.2	22.9	22.7	22.2	21.9	21.6
C210.0	20.7	20.3	20.3	20.0	19.7	19.7	19.5	19.5	19.5	19.7
C240.0	16.7	16.8	16.4	16.3	16.6	16.4	16.4	16.7	16.9	16.9
C270.0	15.7	15.6	15.6	15.7	15.9	15.8	16.0	16.2	16.3	16.5
C300.0	15.8	15.7	15.8	15.7	15.9	15.9	16.1	16.1	16.3	16.8
C330.0	19.0	18.8	18.7	18.4	18.5	18.4	18.3	18.6	18.4	18.4
C360.0	23.3	23.2	22.5	22.2	21.9	21.9	21.6	21.0	21.1	20.5
C\G	G170.0	G171.0	G172.0	G173.0	G174.0	G175.0	G176.0	G177.0	G178.0	G179.0
C0.0	20.4	20.2	20.0	20.3	20.1	20.0	20.0	19.9	20.0	20.2
C30.0	23.6	23.2	23.0	22.6	22.1	21.9	21.5	21.2	21.1	20.7
C60.0	26.8	25.8	25.1	24.6	24.0	23.3	22.8	22.3	22.1	21.3
C90.0	26.7	25.9	25.3	24.5	23.7	23.1	22.5	21.8	21.2	20.9
C120.0	26.6	26.0	25.5	24.9	24.0	23.3	22.8	22.6	21.9	21.3
C150.0	23.3	23.3	22.6	22.2	21.8	21.5	21.1	20.8	20.6	20.2
C180.0	21.5	21.2	20.8	20.8	21.0	20.7	20.5	20.4	20.2	20.1
C210.0	19.4	19.4	19.5	19.5	19.6	19.8	19.9	20.1	20.3	20.5
C240.0	17.1	17.3	17.7	17.9	18.1	18.4	18.9	19.2	19.6	20.3
C270.0	16.8	16.9	17.1	17.6	17.9	18.2	18.8	19.0	19.5	19.9
C300.0	16.9	17.4	17.4	17.7	18.0	18.6	18.9	19.2	19.7	20.3
C330.0	18.3	18.6	18.7	18.8	18.9	19.2	19.5	19.5	19.7	20.0
C360.0	20.4	20.2	20.0	20.3	20.1	20.0	20.0	19.9	20.0	20.2

Light intensity data Unit[cd]

C\G	G180.0									
C0.0	20.3									
C30.0	20.8									
C60.0	20.8									
C90.0	20.7									
C120.0	20.8									
C150.0	20.3									
C180.0	20.0									
C210.0	20.6									
C240.0	20.4									
C270.0	20.4									
C300.0	20.5									
C330.0	20.3									
C360.0	20.3									

Zonal Luminous Flux Data

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
0.0	1656.36	0.00	0.00	0.00	0.00
0.0-1.0	1652.12	1.58	1.58	0.01	0.01
1.0-2.0	1652.17	4.74	6.33	0.03	0.04
2.0-3.0	1649.09	7.90	14.22	0.05	0.09
3.0-4.0	1642.69	11.02	25.24	0.07	0.17
4.0-5.0	1635.35	14.10	39.34	0.09	0.26
5.0-6.0	1629.53	17.16	56.50	0.11	0.38
6.0-7.0	1624.15	20.20	76.70	0.13	0.51
7.0-8.0	1621.29	23.23	99.92	0.15	0.66
8.0-9.0	1615.51	26.23	126.15	0.17	0.84
9.0-10.0	1611.07	29.20	155.35	0.19	1.03
10.0-11.0	1610.53	32.19	187.54	0.21	1.25
11.0-12.0	1611.90	35.23	222.77	0.23	1.48
12.0-13.0	1615.46	38.30	261.07	0.25	1.73
13.0-14.0	1620.60	41.42	302.49	0.28	2.01
14.0-15.0	1634.29	44.68	347.18	0.30	2.31
15.0-16.0	1658.98	48.26	395.43	0.32	2.63
16.0-17.0	1681.66	52.02	447.45	0.35	2.97
17.0-18.0	1701.01	55.77	503.23	0.37	3.34
18.0-19.0	1713.25	59.40	562.63	0.39	3.74
19.0-20.0	1725.13	62.93	625.56	0.42	4.15
20.0-21.0	1732.48	66.39	691.95	0.44	4.59
21.0-22.0	1741.48	69.81	761.77	0.46	5.06
22.0-23.0	1763.24	73.54	835.30	0.49	5.55
23.0-24.0	1796.79	77.83	913.14	0.52	6.06
24.0-25.0	1834.76	82.57	995.71	0.55	6.61
25.0-26.0	1870.35	87.46	1083.17	0.58	7.19
26.0-27.0	1908.37	92.45	1175.62	0.61	7.81
27.0-28.0	1966.60	98.11	1273.72	0.65	8.46
28.0-29.0	2028.45	104.52	1378.25	0.69	9.15
29.0-30.0	2085.67	111.08	1489.33	0.74	9.89
30.0-31.0	2140.31	117.60	1606.93	0.78	10.67
31.0-32.0	2198.83	124.31	1731.24	0.83	11.49
32.0-33.0	2257.69	131.29	1862.53	0.87	12.37
33.0-34.0	2322.02	138.60	2001.13	0.92	13.29
34.0-35.0	2389.27	146.32	2147.44	0.97	14.26
35.0-36.0	2449.34	154.06	2301.50	1.02	15.28
36.0-37.0	2502.86	161.51	2463.02	1.07	16.35
37.0-38.0	2556.12	168.86	2631.88	1.12	17.47
38.0-39.0	2628.76	176.97	2808.85	1.18	18.65
39.0-40.0	2696.79	185.74	2994.59	1.23	19.88

Zonal Luminous Flux Data

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
40.0-41.0	2762.15	194.39	3188.98	1.29	21.17
41.0-42.0	2830.62	203.19	3392.18	1.35	22.52
42.0-43.0	2900.37	212.29	3604.47	1.41	23.93
43.0-44.0	2989.12	222.29	3826.75	1.48	25.41
44.0-45.0	3092.53	233.73	4060.48	1.55	26.96
45.0-46.0	3206.46	246.34	4306.82	1.64	28.60
46.0-47.0	3335.04	260.17	4566.99	1.73	30.32
47.0-48.0	3458.09	274.61	4841.61	1.82	32.15
48.0-49.0	3582.23	289.11	5130.72	1.92	34.07
49.0-50.0	3689.15	303.17	5433.89	2.01	36.08
50.0-51.0	3779.41	315.98	5749.87	2.10	38.18
51.0-52.0	3880.46	328.69	6078.56	2.18	40.36
52.0-53.0	3981.75	342.01	6420.57	2.27	42.63
53.0-54.0	4053.41	354.16	6774.73	2.35	44.98
54.0-55.0	4119.48	364.82	7139.55	2.42	47.40
55.0-56.0	4179.72	375.02	7514.57	2.49	49.89
56.0-57.0	4175.82	382.03	7896.60	2.54	52.43
57.0-58.0	4158.02	385.39	8281.99	2.56	54.99
58.0-59.0	4119.63	386.99	8668.97	2.57	57.56
59.0-60.0	4053.69	386.14	9055.11	2.56	60.12
60.0-61.0	3964.81	382.66	9437.77	2.54	62.66
61.0-62.0	3842.46	376.20	9813.97	2.50	65.16
62.0-63.0	3708.16	367.23	10181.20	2.44	67.60
63.0-64.0	3573.02	357.29	10538.48	2.37	69.97
64.0-65.0	3412.66	345.72	10884.19	2.30	72.27
65.0-66.0	3231.82	331.52	11215.71	2.20	74.47
66.0-67.0	3078.77	317.31	11533.03	2.11	76.57
67.0-68.0	2949.01	305.35	11838.38	2.03	78.60
68.0-69.0	2822.14	294.42	12132.79	1.95	80.56
69.0-70.0	2670.99	282.12	12414.91	1.87	82.43
70.0-71.0	2500.89	267.31	12682.22	1.77	84.20
71.0-72.0	2297.23	249.49	12931.70	1.66	85.86
72.0-73.0	2092.68	229.56	13161.26	1.52	87.38
73.0-74.0	1899.69	209.89	13371.15	1.39	88.78
74.0-75.0	1702.74	190.34	13561.49	1.26	90.04
75.0-76.0	1518.39	170.99	13732.48	1.14	91.18
76.0-77.0	1370.78	154.04	13886.52	1.02	92.20
77.0-78.0	1202.22	137.73	14024.25	0.91	93.11
78.0-79.0	1066.81	121.91	14146.17	0.81	93.92
79.0-80.0	956.95	109.11	14255.27	0.72	94.65
80.0-81.0	842.82	97.33	14352.60	0.65	95.29

Zonal Luminous Flux Data

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
81.0-82.0	716.52	84.56	14437.16	0.56	95.86
82.0-83.0	598.85	71.51	14508.67	0.47	96.33
83.0-84.0	515.42	60.70	14569.37	0.40	96.73
84.0-85.0	459.71	53.22	14622.59	0.35	97.09
85.0-86.0	410.29	47.56	14670.15	0.32	97.40
86.0-87.0	382.72	43.40	14713.55	0.29	97.69
87.0-88.0	354.97	40.41	14753.95	0.27	97.96
88.0-89.0	331.70	37.64	14791.59	0.25	98.21
89.0-90.0	287.43	33.95	14825.54	0.23	98.43
90.0-91.0	219.77	27.81	14853.35	0.18	98.62
91.0-92.0	182.51	22.05	14875.40	0.15	98.76
92.0-93.0	167.00	19.15	14894.54	0.13	98.89
93.0-94.0	147.81	17.23	14911.77	0.11	99.01
94.0-95.0	105.46	13.84	14925.62	0.09	99.10
95.0-96.0	68.17	9.48	14935.09	0.06	99.16
96.0-97.0	42.36	6.02	14941.11	0.04	99.20
97.0-98.0	36.61	4.29	14945.41	0.03	99.23
98.0-99.0	31.75	3.71	14949.12	0.02	99.25
99.0-100.0	29.47	3.31	14952.43	0.02	99.28
100.0-101.0	26.13	3.00	14955.42	0.02	99.30
101.0-102.0	23.16	2.65	14958.07	0.02	99.31
102.0-103.0	20.29	2.33	14960.39	0.02	99.33
103.0-104.0	17.28	2.00	14962.40	0.01	99.34
104.0-105.0	16.27	1.78	14964.18	0.01	99.35
105.0-106.0	14.82	1.64	14965.82	0.01	99.37
106.0-107.0	15.04	1.57	14967.40	0.01	99.38
107.0-108.0	15.43	1.59	14968.99	0.01	99.39
108.0-109.0	15.83	1.63	14970.62	0.01	99.40
109.0-110.0	16.22	1.66	14972.27	0.01	99.41
110.0-111.0	16.68	1.69	14973.96	0.01	99.42
111.0-112.0	17.02	1.72	14975.68	0.01	99.43
112.0-113.0	17.45	1.75	14977.43	0.01	99.44
113.0-114.0	17.76	1.77	14979.20	0.01	99.45
114.0-115.0	18.18	1.79	14980.99	0.01	99.47
115.0-116.0	18.47	1.81	14982.80	0.01	99.48
116.0-117.0	18.77	1.83	14984.63	0.01	99.49
117.0-118.0	19.07	1.84	14986.47	0.01	99.50
118.0-119.0	19.43	1.85	14988.32	0.01	99.51
119.0-120.0	19.64	1.86	14990.19	0.01	99.53
120.0-121.0	19.93	1.87	14992.06	0.01	99.54
121.0-122.0	20.20	1.88	14993.93	0.01	99.55

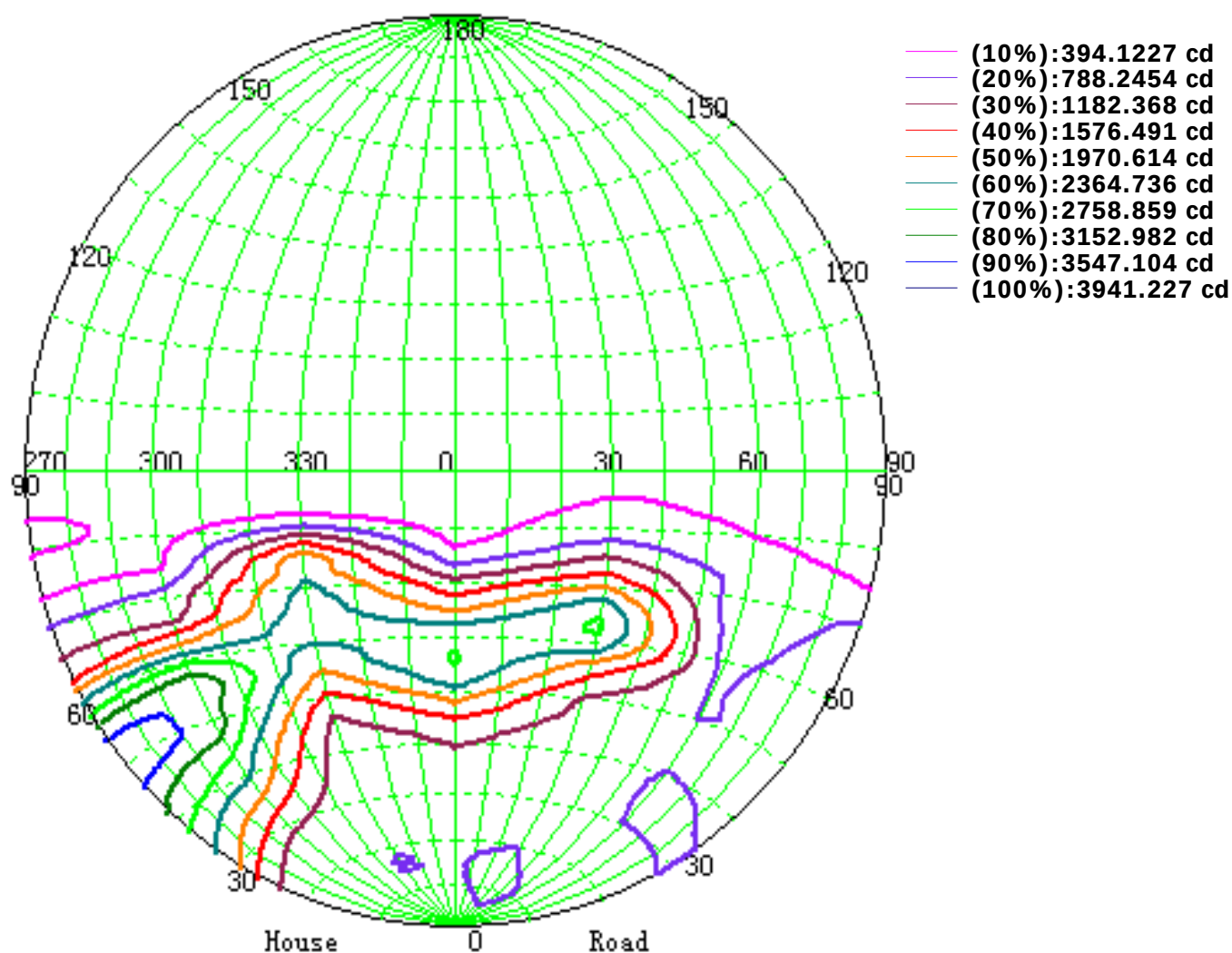
Zonal Luminous Flux Data

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
122.0-123.0	20.36	1.88	14995.81	0.01	99.56
123.0-124.0	20.59	1.87	14997.68	0.01	99.58
124.0-125.0	20.87	1.87	14999.55	0.01	99.59
125.0-126.0	21.00	1.87	15001.42	0.01	99.60
126.0-127.0	21.11	1.86	15003.28	0.01	99.61
127.0-128.0	21.32	1.85	15005.12	0.01	99.63
128.0-129.0	21.49	1.84	15006.96	0.01	99.64
129.0-130.0	21.74	1.83	15008.79	0.01	99.65
130.0-131.0	21.88	1.82	15010.61	0.01	99.66
131.0-132.0	22.01	1.80	15012.41	0.01	99.67
132.0-133.0	22.18	1.79	15014.20	0.01	99.69
133.0-134.0	22.40	1.77	15015.97	0.01	99.70
134.0-135.0	22.67	1.76	15017.73	0.01	99.71
135.0-136.0	22.75	1.75	15019.48	0.01	99.72
136.0-137.0	22.95	1.72	15021.20	0.01	99.73
137.0-138.0	23.06	1.70	15022.91	0.01	99.74
138.0-139.0	23.28	1.68	15024.59	0.01	99.76
139.0-140.0	23.58	1.67	15026.26	0.01	99.77
140.0-141.0	23.68	1.65	15027.91	0.01	99.78
141.0-142.0	23.81	1.62	15029.53	0.01	99.79
142.0-143.0	24.05	1.60	15031.12	0.01	99.80
143.0-144.0	24.17	1.57	15032.70	0.01	99.81
144.0-145.0	24.37	1.55	15034.24	0.01	99.82
145.0-146.0	24.56	1.52	15035.76	0.01	99.83
146.0-147.0	24.58	1.49	15037.25	0.01	99.84
147.0-148.0	24.78	1.45	15038.70	0.01	99.85
148.0-149.0	24.79	1.42	15040.12	0.01	99.86
149.0-150.0	24.98	1.39	15041.51	0.01	99.87
150.0-151.0	24.96	1.35	15042.86	0.01	99.88
151.0-152.0	25.00	1.31	15044.17	0.01	99.89
152.0-153.0	24.98	1.27	15045.43	0.01	99.89
153.0-154.0	24.96	1.22	15046.65	0.01	99.90
154.0-155.0	24.79	1.17	15047.83	0.01	99.91
155.0-156.0	24.76	1.13	15048.95	0.01	99.92
156.0-157.0	24.62	1.08	15050.03	0.01	99.92
157.0-158.0	24.43	1.03	15051.06	0.01	99.93
158.0-159.0	24.25	0.98	15052.04	0.01	99.94
159.0-160.0	23.99	0.93	15052.97	0.01	99.94
160.0-161.0	23.79	0.87	15053.84	0.01	99.95
161.0-162.0	23.47	0.82	15054.67	0.01	99.96
162.0-163.0	23.15	0.77	15055.43	0.01	99.96

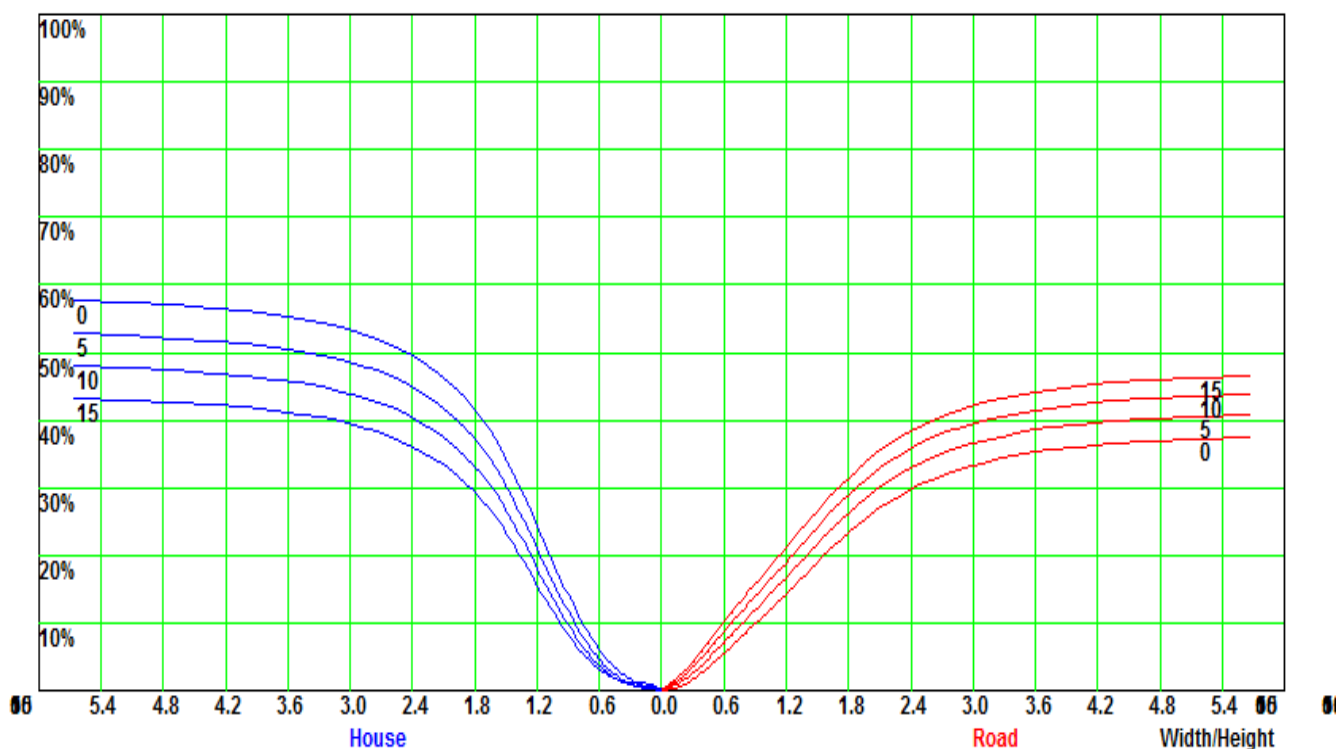
Zonal Luminous Flux Data

[illegible]

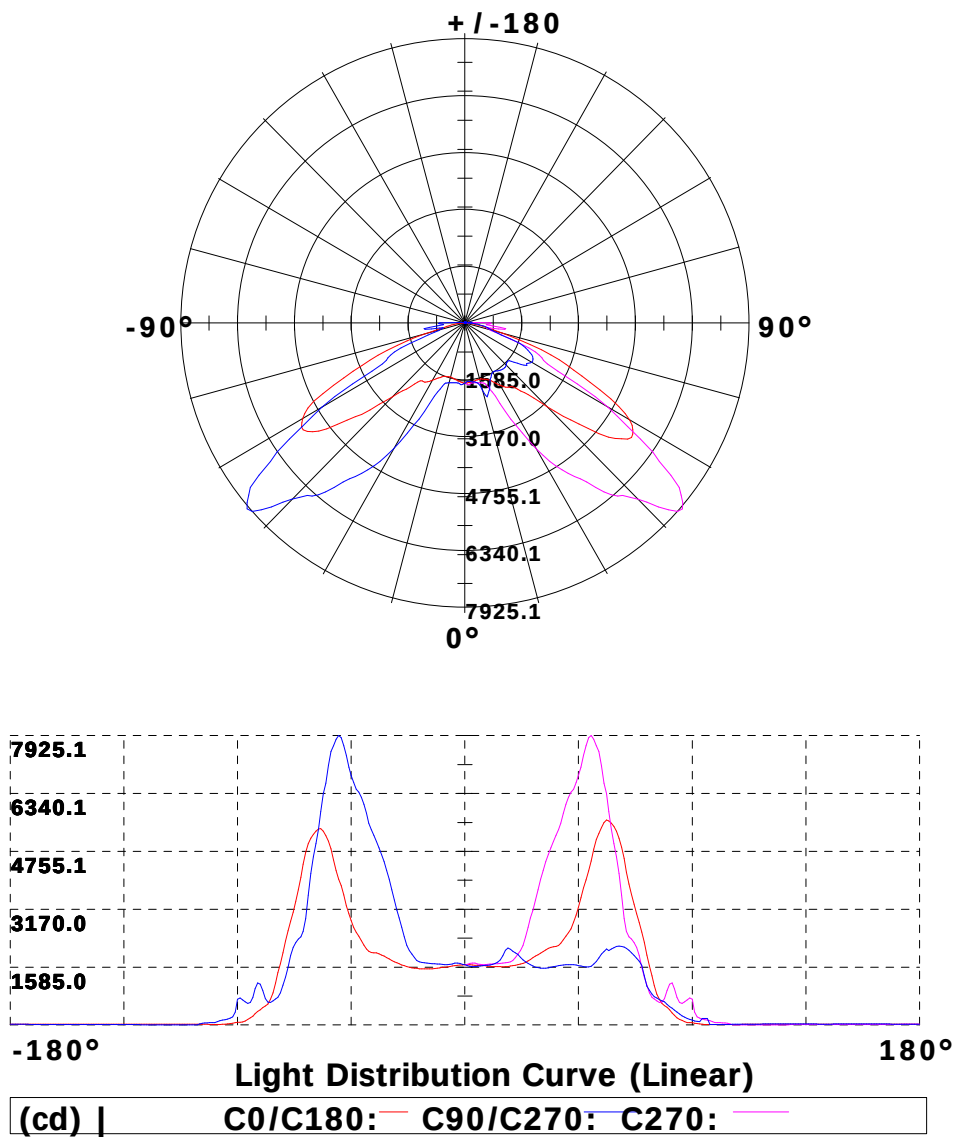
Iso-Candela [cd]

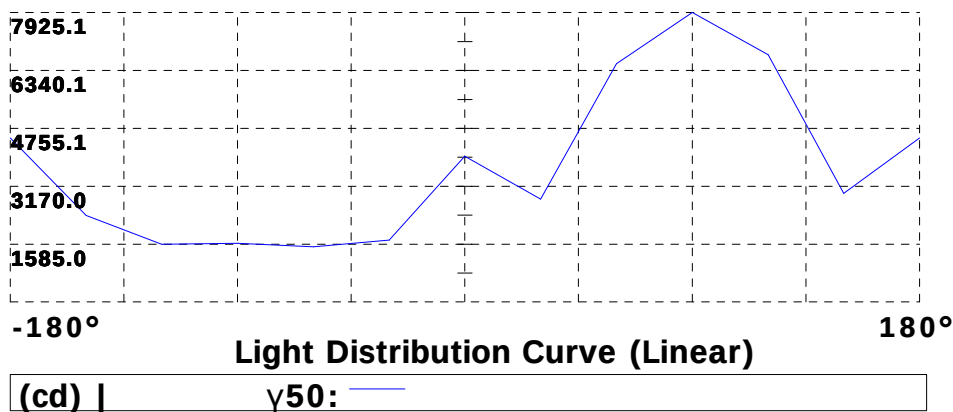
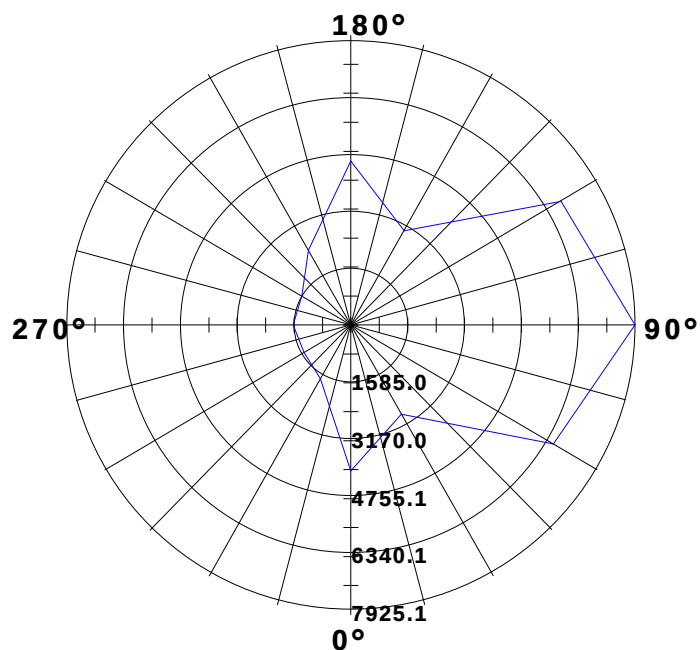


Coefficient Utilization Curve

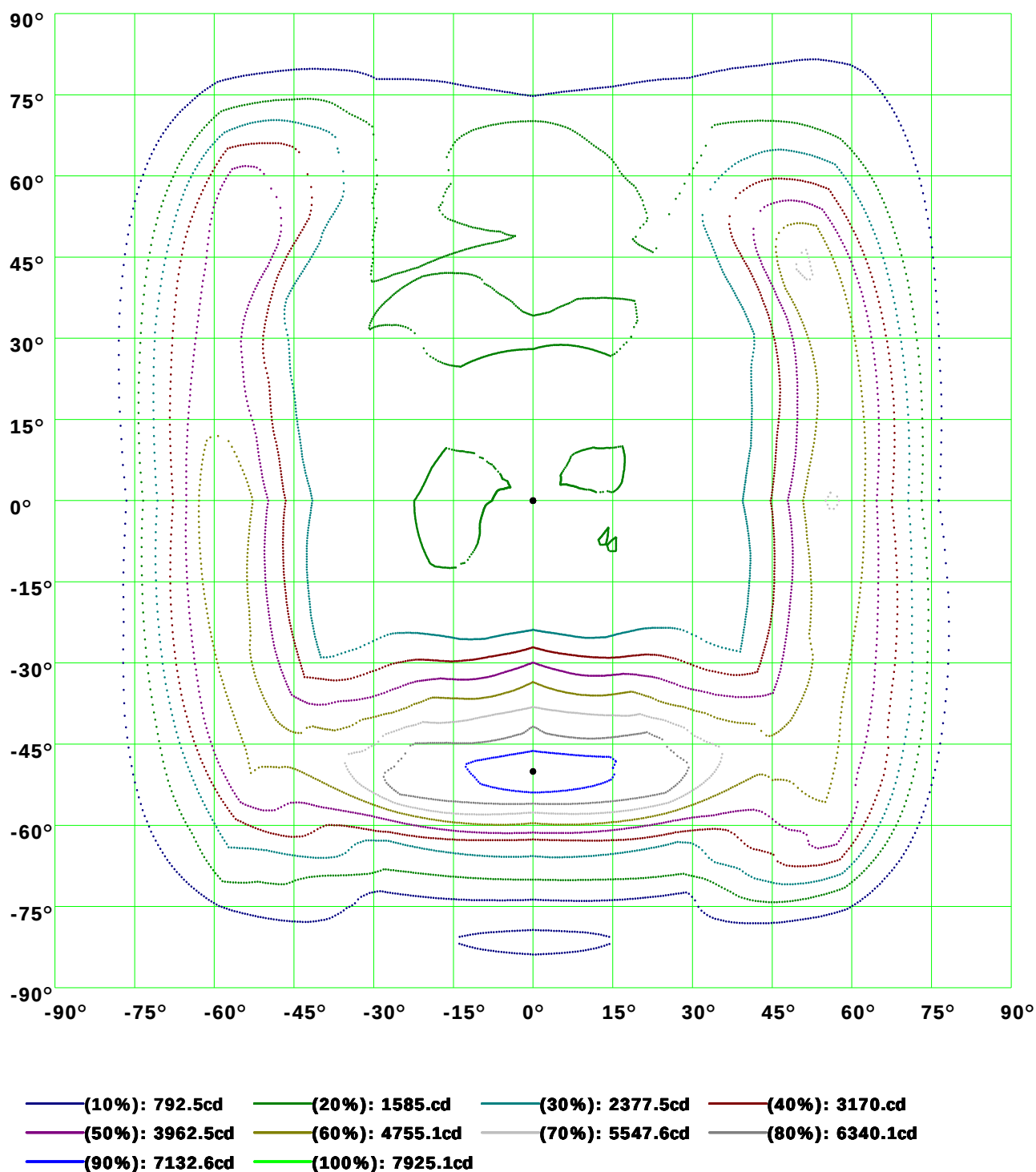


Light Distribution Curve [Unit: cd]

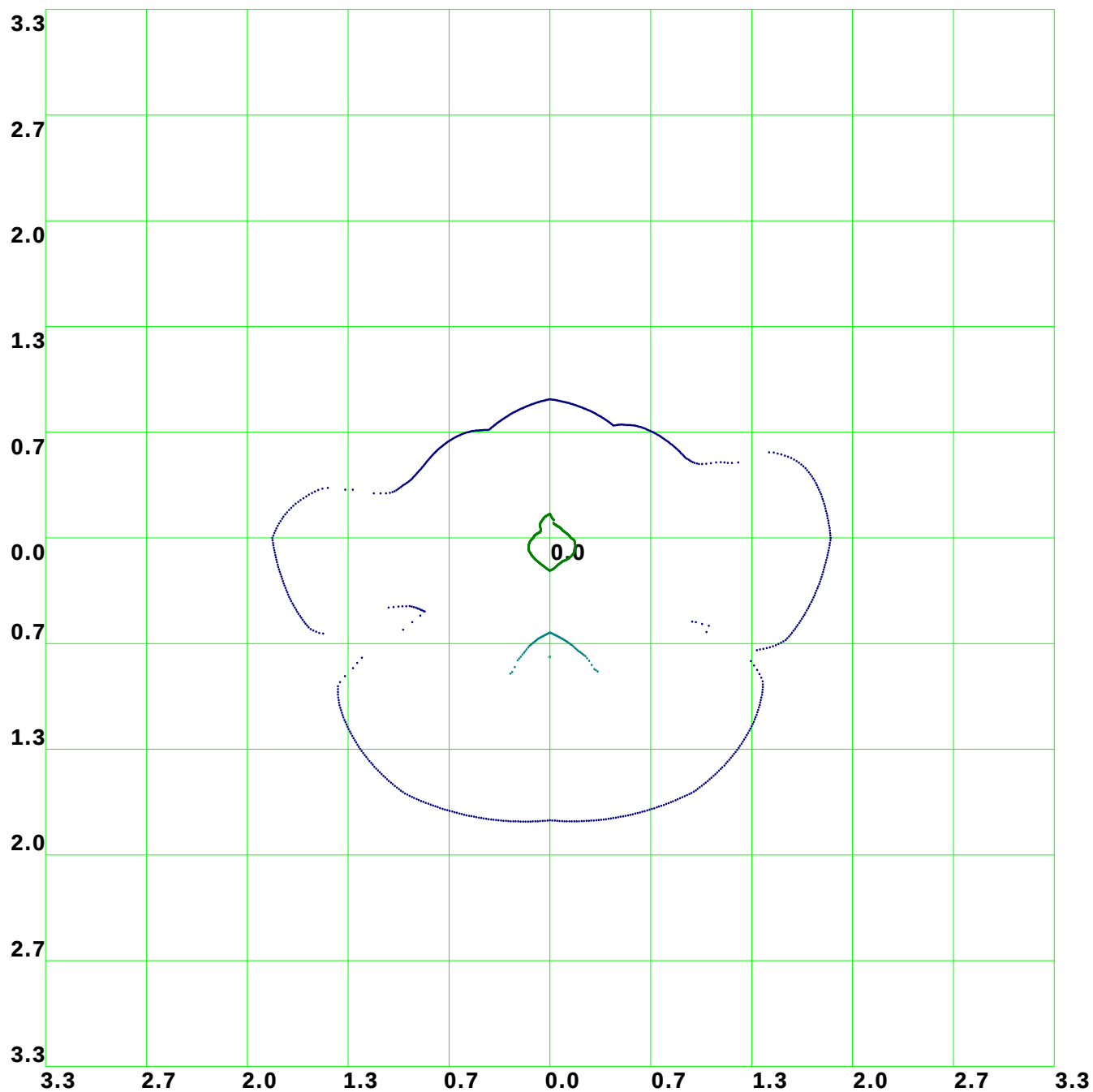




Isocandela(rectangle)



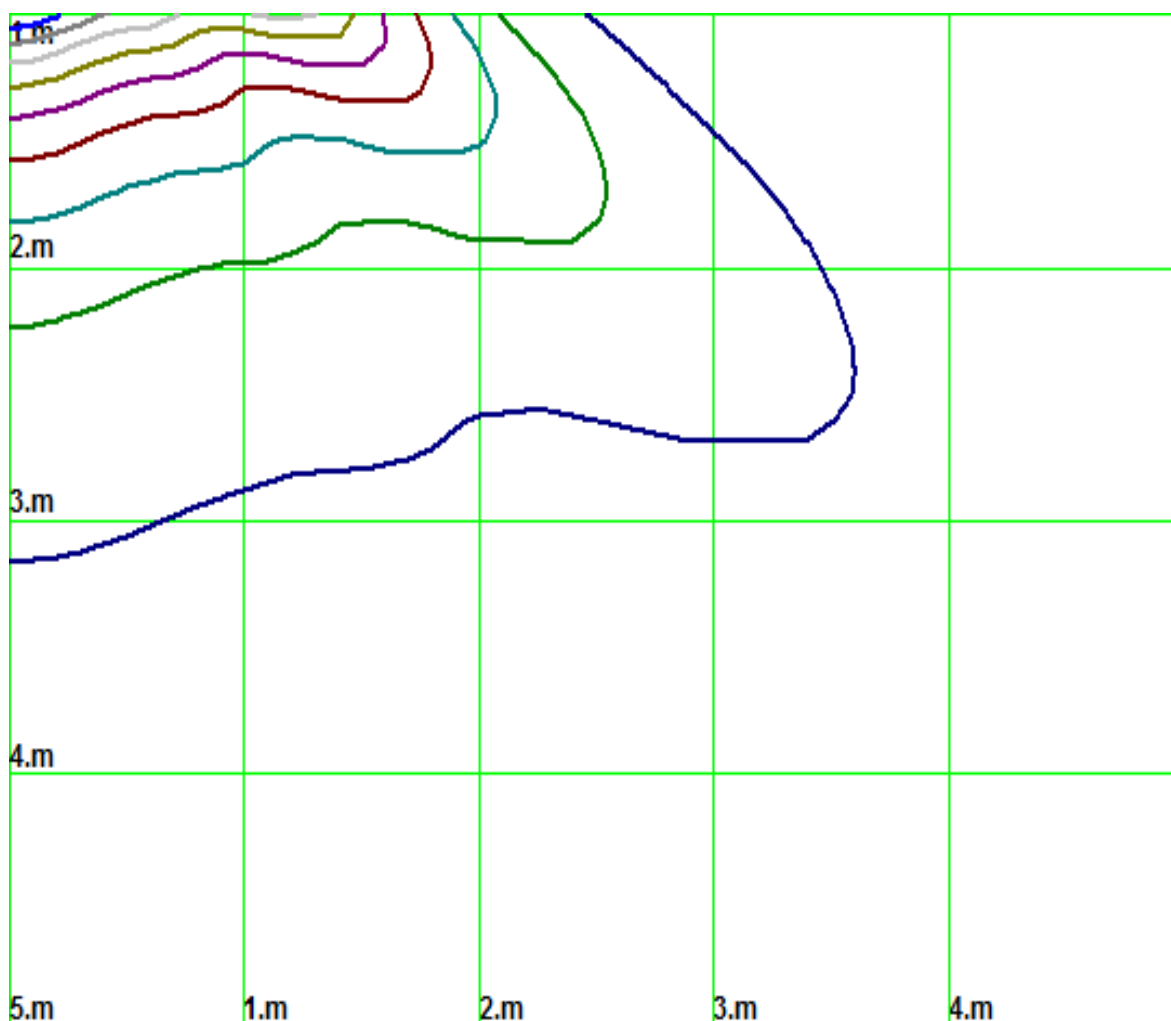
Isolx curve



Height: 1 m

(10%): 792.5lx	(20%): 1585.1lx	(30%): 2377.5lx	(40%): 3170.1lx
(50%): 3962.5lx	(60%): 4755.1lx	(70%): 5547.6lx	(80%): 6340.1lx
(90%): 7132.6lx	(100%): 7917.2lx		

Space Isolx Curve



— (10%): 792.5lx	— (20%): 1585.1lx	— (30%): 2377.5lx	— (40%): 3170.1lx
— (50%): 3962.5lx	— (60%): 4755.1lx	— (70%): 5547.6lx	— (80%): 6340.1lx
— (90%): 7132.6lx	— (100%): 7917.2lx		

Luminance Limiting Curve

Diameter: 280mm

Length: 280mm

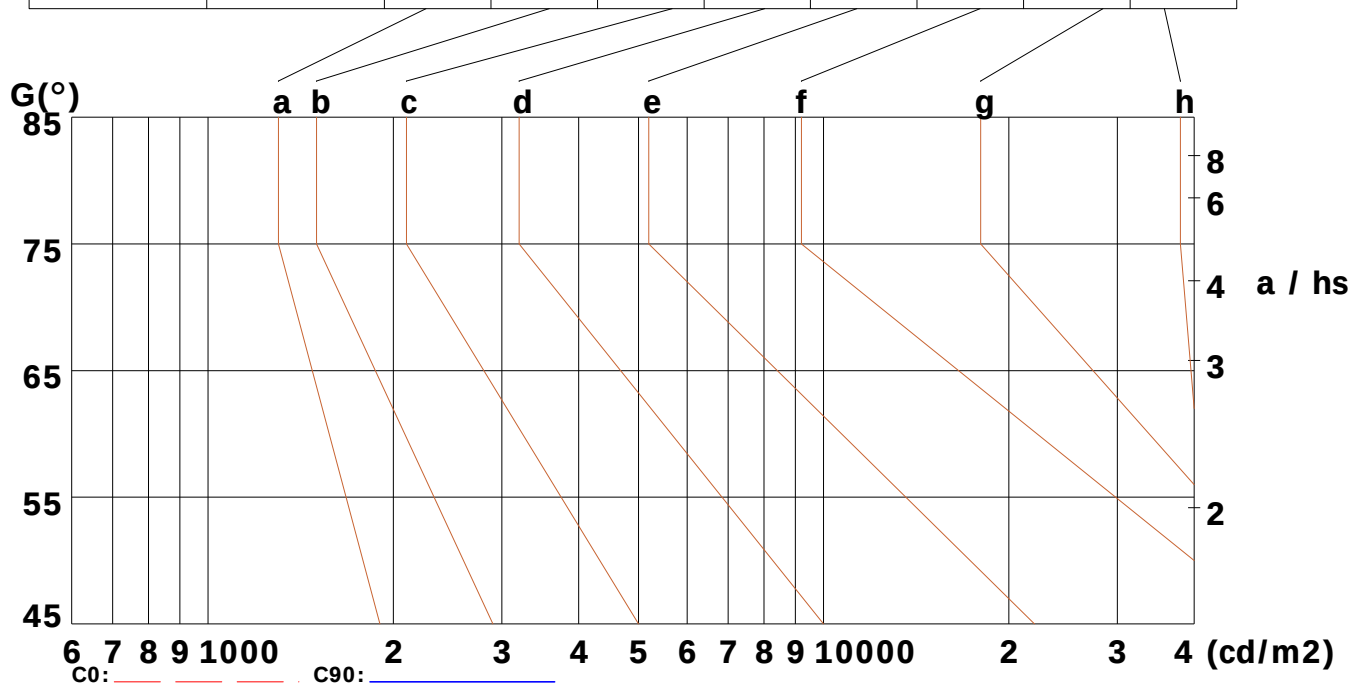
Width: 121mm

Height: 134mm

(cd/m²)

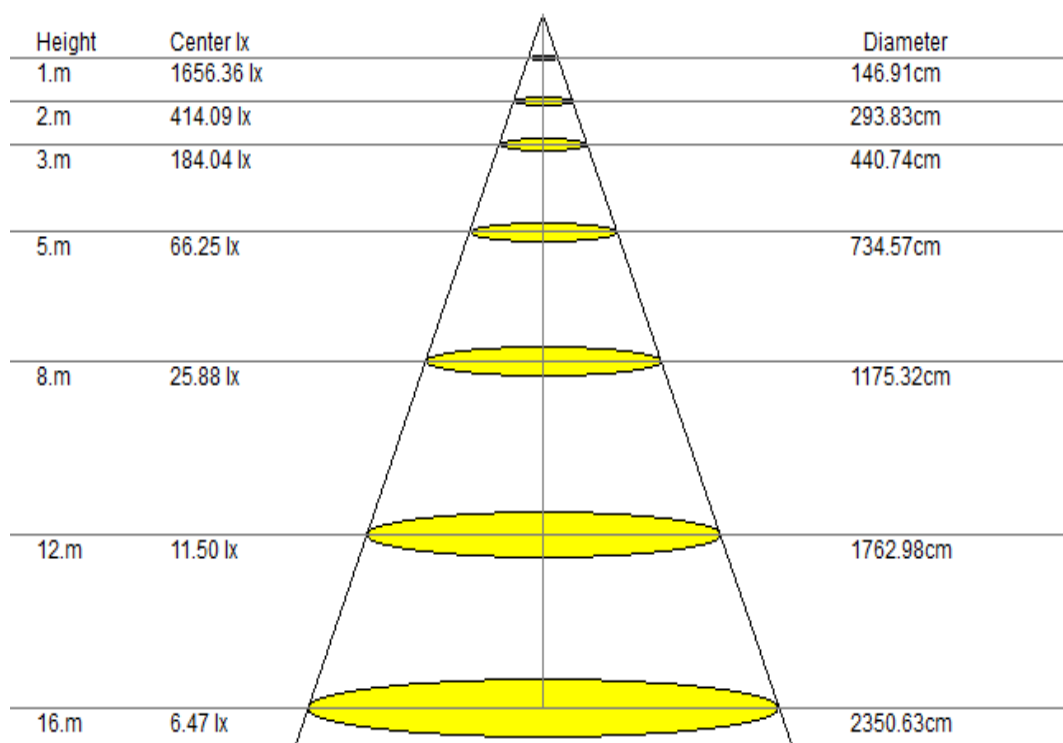
γ	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	57646	62629	87747	107502	121302	119339	75205	81396	86042
C90	114050	174692	241592	265382	282661	286215	104817	0578	44978

Glare	Quality	Service Values Illuminance (lx)							
1.15	A	2000	1000	500	≤300				
1.5	B		2000	1000	500	≤300			
1.85	C			2000	1000	500	≤300		
2.2	D				2000	1000	500	≤300	
2.55	E					2000	1000	500	≤300



Lum. Limiting Curve (C0/C90)

Lux-Distance Curve

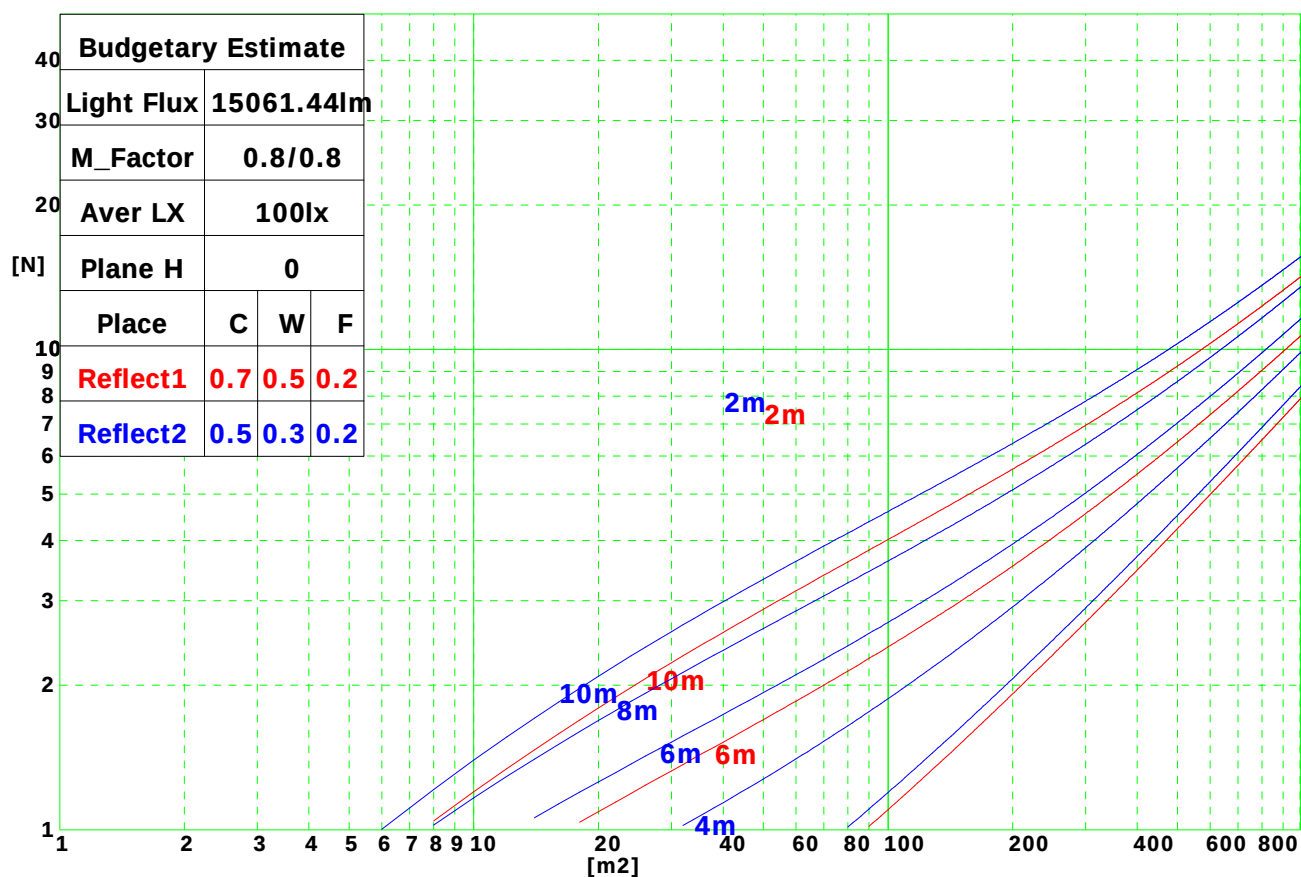


Beam Angle:72.60°(50%Imax)

Coefficients of Utilization

RHOCC	80			70			50			30			10			0
RHOW	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	COEFFICIENTS OF UTILIZATION FOR RHOFC=20															
0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	0.98	0.95	0.93	0.97	0.94	0.92	0.94	0.91	0.88	0.89	0.86	0.84	0.84	0.80	0.78	0.72
2	0.77	0.74	0.72	0.77	0.73	0.70	0.76	0.71	0.68	0.74	0.69	0.64	0.70	0.65	0.60	0.55
3	0.62	0.58	0.56	0.63	0.58	0.55	0.63	0.57	0.53	0.62	0.55	0.50	0.59	0.53	0.47	0.43
4	0.50	0.47	0.44	0.51	0.47	0.43	0.52	0.46	0.42	0.52	0.46	0.40	0.51	0.44	0.38	0.34
5	0.42	0.38	0.36	0.43	0.38	0.35	0.45	0.39	0.34	0.45	0.38	0.33	0.45	0.37	0.31	0.27
6	0.35	0.32	0.29	0.37	0.32	0.29	0.39	0.33	0.28	0.40	0.33	0.27	0.40	0.32	0.26	0.23
7	0.30	0.27	0.25	0.32	0.27	0.24	0.34	0.28	0.24	0.35	0.28	0.23	0.36	0.28	0.22	0.19
8	0.26	0.23	0.21	0.28	0.24	0.21	0.30	0.24	0.20	0.32	0.25	0.20	0.33	0.25	0.19	0.16
9	0.23	0.20	0.18	0.24	0.21	0.18	0.27	0.22	0.18	0.29	0.22	0.17	0.30	0.22	0.17	0.14
10	0.20	0.18	0.16	0.22	0.18	0.16	0.24	0.19	0.16	0.26	0.20	0.15	0.28	0.20	0.15	0.12

Indoor Budgetary Estimate Chart



UGR Glare Index

Ceiling		70	70	50	50	30	70	70	50	50	30
Wall		50	30	50	30	30	50	30	50	30	30
Floor		20	20	20	20	20	20	20	20	20	20
Room Size	Weight to light axis direction of observation	Direction of light axis parallel observation									
X	Y										
2H	2H	13.9	15.1	14.2	15.1	15.6	13.7	14.9	14.0	15.0	15.5
	3H	15.5	16.4	15.7	16.7	17.0	15.2	16.3	15.7	16.9	17.0
	4H	16.2	17.0	16.4	17.6	17.6	16.0	16.9	16.2	17.6	17.7
	6H	16.6	17.6	17.0	17.8	18.0	16.5	17.4	16.8	17.7	18.0
	8H	16.9	17.8	17.1	17.8	18.3	16.8	17.6	17.0	17.9	18.2
4H	12H	17.0	17.8	17.3	18.2	18.5	16.8	17.7	17.1	18.1	18.5
	2H	14.9	15.8	14.9	15.9	16.2	14.8	15.7	14.8	15.9	16.1
	3H	16.4	17.3	16.7	17.4	17.8	16.4	17.3	16.6	17.5	17.7
	4H	17.1	18.0	17.5	18.1	18.5	17.0	17.9	17.3	18.0	18.3
	6H	17.9	18.6	18.1	18.6	19.0	17.6	18.4	18.0	18.7	18.9
8H	8H	18.0	18.7	18.4	18.8	19.3	17.9	18.6	18.3	18.9	19.2
	12H	18.2	18.8	18.6	18.9	19.3	18.0	18.7	18.4	19.1	19.3
	4H	17.6	18.1	17.8	18.3	18.8	17.3	18.1	17.7	18.3	18.8
	6H	18.3	18.8	18.6	19.1	19.3	18.2	18.7	18.6	19.2	19.4
	8H	18.6	19.0	19.1	19.3	19.7	18.5	18.9	18.9	19.3	19.8
12H	12H	18.9	19.2	19.3	19.7	20.0	18.7	19.2	19.2	19.6	20.0
	4H	17.6	18.1	18.0	18.4	18.8	17.4	18.0	17.9	18.4	18.7
	6H	18.5	18.8	18.8	19.2	19.4	18.4	18.9	18.7	19.1	19.5
	8H	18.7	19.3	19.3	19.4	19.8	18.6	19.1	19.2	19.4	19.9