

Luminaire Property

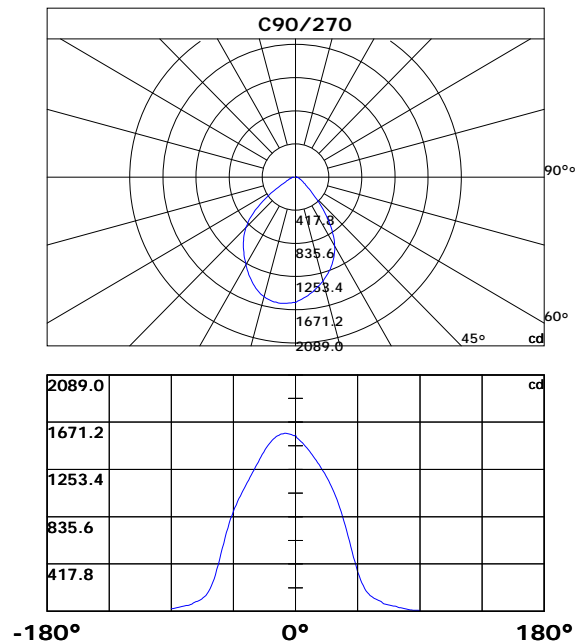
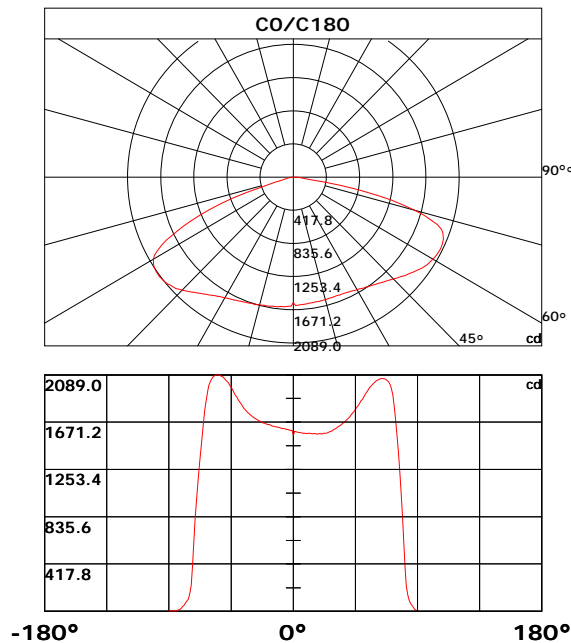
Luminaire Description: Y2-50w
 Luminaire Categorie:
 Lamp Categorie:
 Lamp Description:
 Number of Lamp:
 Lamp Lumens(lm): 4457.15
 Luminous Length(m): 0.0
 Luminous Width(m): 0.0
 Luminous Height(m): 0.0

Voltage: 221.3 V
 Current: 0.222 A
 Power: 48.34 W
 Power Factor: 0.980
 Test Lab: Huipu
 Photometric Type: Type C
 Manufactory:

Photometric Results

CIE Class: Direct
 Measurement Flux: 4457.15 lm
 Efficiency: 92.2042 lm/W
 Central Intensity: 1555.014cd
 Max. Intensity: 2088.99cd
 Field Angle(10%Imax): Left: -20.3 Right: 136.2

Max.Intensity Angle: C:180.0 G:54.0
 Beam Angle(50%Imax): L: -15.7 R:132.2
 Luminaire Efficacy Rating(LER) : 100.00%
 Upward Ratio: 0.0%
 Downward Ratio: 100.0%



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	1555.0	1589.7	1587.0	1583.0	1581.2	1578.7	1577.2	1573.8	1574.7	1574.4
C15.0	1555.0	1532.9	1528.0	1525.5	1524.5	1520.5	1517.8	1512.9	1507.9	1507.5
C30.0	1555.0	1527.0	1522.4	1515.1	1508.8	1504.4	1497.3	1487.0	1483.4	1475.1
C45.0	1555.0	1525.0	1516.5	1505.5	1496.8	1488.1	1474.7	1466.4	1458.4	1443.9
C60.0	1555.0	1524.2	1514.2	1503.0	1491.6	1480.0	1466.7	1454.6	1438.8	1426.2
C75.0	1555.0	1525.6	1516.8	1505.1	1491.8	1478.1	1467.9	1449.7	1433.8	1420.4
C90.0	1555.0	1533.1	1521.7	1511.7	1498.5	1486.7	1472.9	1457.4	1445.3	1431.8
C105.0	1555.0	1542.4	1534.1	1525.0	1513.7	1503.8	1489.3	1478.5	1466.9	1450.6
C120.0	1555.0	1555.2	1546.7	1539.5	1533.7	1523.1	1514.5	1504.6	1494.7	1483.6
C135.0	1555.0	1565.4	1562.9	1557.6	1552.3	1548.9	1540.4	1535.4	1529.7	1519.4
C150.0	1555.0	1576.5	1575.6	1575.5	1572.1	1572.5	1569.6	1563.0	1564.1	1560.3
C165.0	1555.0	1591.0	1590.9	1590.2	1591.6	1596.0	1591.6	1592.3	1595.1	1596.7
C180.0	1555.0	1599.4	1599.5	1602.9	1608.9	1608.5	1611.4	1616.1	1616.9	1618.3
C195.0	1555.0	1538.7	1544.8	1550.8	1553.7	1557.5	1562.1	1567.4	1572.1	1575.4
C210.0	1555.0	1540.2	1543.3	1550.2	1555.6	1561.8	1565.0	1570.2	1577.2	1578.1
C225.0	1555.0	1539.8	1545.1	1550.5	1556.9	1564.4	1568.1	1570.8	1575.9	1577.2
C240.0	1555.0	1539.7	1547.6	1555.8	1559.4	1562.9	1569.3	1571.7	1572.8	1574.3
C255.0	1555.0	1543.7	1550.0	1555.6	1560.8	1564.9	1569.4	1569.4	1572.4	1572.8
C270.0	1555.0	1549.4	1556.9	1560.9	1565.0	1567.2	1570.8	1573.2	1572.7	1567.3
C285.0	1555.0	1556.8	1561.8	1564.8	1568.1	1571.2	1572.8	1571.9	1572.8	1570.7
C300.0	1555.0	1561.3	1567.2	1571.0	1571.3	1572.2	1575.4	1573.6	1573.0	1571.8
C315.0	1555.0	1569.9	1573.3	1572.8	1571.8	1574.3	1575.4	1575.0	1574.1	1578.0
C330.0	1555.0	1578.5	1576.6	1575.1	1576.7	1577.8	1575.0	1575.0	1579.1	1575.1
C345.0	1555.0	1583.0	1582.7	1579.8	1578.0	1577.1	1577.1	1577.6	1575.5	1575.2
C360.0	1555.0	1589.7	1587.0	1583.0	1581.2	1578.7	1577.2	1573.8	1574.7	1574.4
C\G	G10.0	G11.0	G12.0	G13.0	G14.0	G15.0	G16.0	G17.0	G18.0	G19.0
C0.0	1571.0	1571.5	1571.8	1569.8	1567.9	1570.3	1569.3	1565.8	1568.9	1569.8
C15.0	1501.8	1497.9	1495.0	1492.0	1487.2	1486.2	1485.9	1482.9	1479.6	1480.1
C30.0	1466.1	1459.2	1452.9	1442.3	1436.6	1431.5	1422.8	1415.3	1409.0	1400.7
C45.0	1432.7	1423.8	1410.6	1397.5	1387.7	1373.7	1362.4	1352.5	1339.9	1329.6
C60.0	1412.2	1397.6	1384.5	1371.0	1354.8	1340.1	1324.9	1310.8	1294.2	1276.5
C75.0	1405.5	1387.6	1374.3	1359.2	1340.5	1322.2	1306.0	1289.4	1271.2	1253.9
C90.0	1413.8	1398.2	1384.2	1367.2	1348.0	1331.7	1313.0	1294.9	1277.5	1257.3
C105.0	1437.2	1423.7	1407.2	1394.5	1378.7	1359.0	1343.7	1329.0	1308.2	1291.2
C120.0	1473.0	1461.3	1450.4	1435.9	1422.0	1407.6	1394.2	1378.8	1360.0	1345.7
C135.0	1510.3	1503.5	1493.3	1484.2	1474.8	1462.9	1453.1	1442.2	1431.0	1418.8
C150.0	1553.8	1551.1	1547.5	1541.0	1537.0	1528.5	1523.1	1518.1	1509.9	1499.4
C165.0	1592.0	1593.9	1596.1	1592.7	1594.6	1594.2	1593.2	1592.1	1593.1	1591.6
C180.0	1623.4	1627.2	1628.9	1629.9	1636.2	1637.1	1640.3	1647.9	1648.7	1652.4
C195.0	1579.1	1582.3	1584.6	1589.8	1590.1	1595.3	1599.4	1600.7	1603.5	1610.2
C210.0	1581.4	1585.2	1587.7	1588.5	1592.6	1592.1	1593.8	1593.2	1594.5	1595.7
C225.0	1579.4	1581.1	1583.6	1580.7	1581.1	1580.4	1578.0	1574.6	1570.2	1564.7
C240.0	1573.9	1574.6	1573.5	1569.9	1565.5	1563.3	1554.9	1546.1	1539.1	1529.0

Light intensity data Unit[cd]

C255.0	1568.7	1567.2	1562.4	1557.9	1551.3	1542.2	1532.3	1523.9	1511.0	1497.1
C270.0	1567.8	1563.5	1556.1	1551.9	1544.8	1532.8	1523.2	1511.1	1496.5	1481.3
C285.0	1565.7	1563.4	1558.7	1551.2	1543.6	1533.8	1523.4	1514.9	1499.7	1481.1
C300.0	1569.8	1565.0	1565.8	1563.5	1552.9	1547.3	1540.0	1529.6	1518.5	1508.2
C315.0	1572.1	1573.0	1573.2	1569.0	1566.8	1562.9	1558.6	1551.2	1543.8	1537.4
C330.0	1575.4	1577.5	1577.7	1574.6	1575.9	1574.1	1573.9	1571.1	1569.0	1569.0
C345.0	1579.7	1576.4	1574.6	1579.3	1578.4	1575.2	1578.6	1580.3	1580.6	1577.7
C360.0	1571.0	1571.5	1571.8	1569.8	1567.9	1570.3	1569.3	1565.8	1568.9	1569.8
C\G	G20.0	G21.0	G22.0	G23.0	G24.0	G25.0	G26.0	G27.0	G28.0	G29.0
C0.0	1567.0	1568.0	1572.4	1572.3	1574.1	1580.2	1583.9	1589.5	1593.8	1603.5
C15.0	1478.6	1480.8	1479.4	1480.0	1481.9	1483.4	1486.1	1487.4	1491.9	1494.3
C30.0	1396.6	1387.2	1381.6	1374.8	1368.3	1364.4	1357.9	1348.6	1343.8	1335.6
C45.0	1317.6	1303.2	1291.9	1279.7	1267.7	1252.9	1238.6	1225.5	1209.6	1193.4
C60.0	1261.2	1245.8	1227.5	1211.6	1194.6	1173.5	1154.0	1130.4	1109.0	1086.3
C75.0	1233.1	1213.3	1193.1	1172.6	1147.5	1129.1	1104.9	1077.5	1052.1	1023.9
C90.0	1238.1	1218.8	1196.7	1175.5	1152.9	1127.2	1103.0	1073.0	1046.5	1018.7
C105.0	1274.0	1253.1	1232.1	1212.0	1189.9	1165.1	1143.3	1116.6	1090.4	1064.7
C120.0	1333.3	1312.8	1294.6	1278.0	1257.9	1238.1	1216.6	1192.7	1171.6	1147.1
C135.0	1406.3	1393.3	1379.6	1365.3	1352.6	1336.8	1319.8	1305.4	1286.6	1268.4
C150.0	1498.4	1490.2	1480.1	1474.8	1469.0	1458.1	1451.5	1441.4	1434.4	1423.8
C165.0	1589.2	1590.8	1591.0	1589.2	1591.8	1594.8	1593.2	1595.1	1598.0	1598.0
C180.0	1658.2	1662.3	1665.5	1672.4	1679.9	1684.3	1692.3	1700.1	1706.4	1714.7
C195.0	1610.9	1615.4	1617.3	1619.7	1626.5	1630.3	1631.8	1638.2	1643.1	1647.1
C210.0	1596.4	1594.1	1593.5	1591.9	1592.3	1589.8	1587.1	1587.4	1584.5	1581.4
C225.0	1561.1	1554.6	1545.5	1539.1	1532.0	1519.0	1512.6	1503.2	1488.2	1478.6
C240.0	1517.8	1506.2	1494.7	1478.1	1463.4	1449.3	1432.5	1413.0	1396.2	1378.7
C255.0	1481.0	1465.5	1448.6	1428.5	1409.7	1387.4	1368.5	1348.3	1326.0	1306.1
C270.0	1465.2	1444.4	1427.9	1406.3	1385.3	1362.7	1343.3	1319.7	1296.5	1275.6
C285.0	1468.9	1451.4	1429.4	1413.7	1394.7	1372.4	1350.3	1332.0	1306.7	1284.6
C300.0	1493.8	1481.4	1463.8	1448.5	1432.2	1415.4	1395.8	1376.6	1358.8	1340.8
C315.0	1530.0	1520.1	1509.9	1500.2	1489.1	1477.1	1464.9	1453.5	1442.3	1426.9
C330.0	1560.8	1561.5	1558.9	1551.4	1549.0	1549.2	1541.7	1539.2	1533.0	1529.4
C345.0	1579.9	1580.2	1580.8	1583.2	1587.2	1586.7	1591.7	1593.4	1595.8	1602.7
C360.0	1567.0	1568.0	1572.4	1572.3	1574.1	1580.2	1583.9	1589.5	1593.8	1603.5
C\G	G30.0	G31.0	G32.0	G33.0	G34.0	G35.0	G36.0	G37.0	G38.0	G39.0
C0.0	1609.1	1615.1	1626.9	1634.6	1640.2	1653.5	1661.4	1672.7	1683.2	1694.7
C15.0	1495.2	1498.0	1500.6	1505.3	1505.6	1509.9	1514.2	1518.3	1522.5	1527.2
C30.0	1327.8	1318.3	1312.3	1300.1	1287.6	1277.7	1265.5	1251.2	1234.8	1218.9
C45.0	1175.7	1158.8	1137.7	1115.6	1094.1	1069.8	1040.9	1012.4	980.3	944.4
C60.0	1062.4	1038.7	1010.6	977.4	947.4	914.1	876.3	840.3	799.7	751.4
C75.0	992.4	961.6	929.7	892.0	854.1	816.9	772.7	730.6	690.1	642.2
C90.0	986.0	952.4	917.6	876.9	837.9	799.0	752.9	709.0	665.8	616.0

Light intensity data Unit[cd]

C105.0	1032.3	999.1	966.7	929.9	891.4	851.7	803.4	759.7	715.3	665.8
C120.0	1117.5	1093.1	1063.3	1031.8	1000.3	964.7	928.5	880.9	837.7	790.9
C135.0	1248.3	1230.5	1208.0	1185.3	1163.0	1136.7	1103.6	1074.4	1041.8	1005.2
C150.0	1416.9	1406.8	1395.2	1385.1	1374.4	1359.3	1347.8	1334.5	1315.5	1299.8
C165.0	1599.7	1603.5	1608.5	1609.9	1614.5	1620.4	1624.3	1628.7	1636.7	1640.9
C180.0	1726.8	1736.0	1745.8	1758.3	1771.4	1784.6	1800.9	1818.2	1836.0	1854.7
C195.0	1655.2	1659.0	1666.3	1673.0	1679.4	1687.0	1698.8	1704.8	1712.8	1723.2
C210.0	1581.1	1580.3	1577.8	1576.5	1573.4	1569.3	1569.9	1564.0	1559.9	1557.2
C225.0	1463.5	1452.8	1443.7	1427.4	1415.4	1402.7	1388.0	1373.5	1357.7	1340.1
C240.0	1360.0	1341.8	1322.6	1300.9	1281.2	1263.3	1241.2	1223.4	1203.6	1178.7
C255.0	1283.7	1261.2	1239.4	1219.1	1197.3	1175.6	1156.4	1132.6	1111.0	1087.7
C270.0	1250.5	1227.7	1206.1	1185.1	1159.6	1136.9	1115.8	1090.7	1066.9	1043.5
C285.0	1263.4	1241.9	1219.7	1198.6	1177.0	1154.3	1133.3	1109.5	1090.7	1068.6
C300.0	1319.7	1302.9	1285.2	1262.4	1246.1	1229.9	1209.8	1189.6	1171.4	1151.9
C315.0	1412.1	1397.7	1384.7	1371.4	1356.7	1343.3	1332.6	1318.7	1310.5	1296.0
C330.0	1525.2	1521.8	1516.4	1515.1	1510.7	1506.7	1502.8	1499.8	1496.0	1493.1
C345.0	1606.9	1610.9	1617.5	1626.7	1628.1	1636.0	1646.8	1651.2	1657.7	1671.1
C360.0	1609.1	1615.1	1626.9	1634.6	1640.2	1653.5	1661.4	1672.7	1683.2	1694.7
C\G	G40.0	G41.0	G42.0	G43.0	G44.0	G45.0	G46.0	G47.0	G48.0	G49.0
C0.0	1707.7	1720.5	1736.3	1751.9	1766.4	1784.3	1802.0	1817.8	1836.8	1858.6
C15.0	1532.8	1536.3	1537.6	1540.2	1545.0	1543.9	1543.1	1542.0	1535.4	1527.8
C30.0	1197.4	1178.9	1155.7	1130.3	1104.4	1072.7	1039.8	1005.9	964.1	923.1
C45.0	909.2	872.2	826.9	784.2	741.9	692.7	647.1	602.3	552.2	506.8
C60.0	710.1	665.3	617.5	574.2	530.1	480.0	438.9	396.2	354.6	320.6
C75.0	598.0	554.6	505.5	463.0	421.9	378.4	339.9	305.8	270.2	242.6
C90.0	570.8	527.2	479.1	436.1	395.0	350.3	314.8	279.8	252.9	226.2
C105.0	620.1	573.2	519.1	474.5	430.1	384.4	346.1	309.0	273.2	244.7
C120.0	744.6	698.4	644.8	595.3	549.3	498.9	450.8	410.1	362.4	322.6
C135.0	968.4	929.4	880.6	833.2	788.7	737.2	687.1	638.6	582.0	533.3
C150.0	1282.9	1261.7	1237.1	1210.2	1179.9	1147.9	1115.5	1074.7	1028.6	983.4
C165.0	1644.2	1648.9	1650.9	1653.0	1654.8	1654.5	1650.0	1648.0	1638.5	1627.9
C180.0	1873.6	1894.3	1913.2	1935.1	1959.8	1978.4	1998.0	2019.2	2032.7	2045.6
C195.0	1732.9	1743.4	1757.0	1770.1	1783.4	1798.4	1813.4	1827.7	1845.2	1862.0
C210.0	1555.0	1549.4	1547.6	1545.1	1536.8	1533.3	1527.4	1521.9	1516.6	1508.6
C225.0	1324.1	1308.6	1288.5	1269.4	1250.5	1227.0	1202.0	1178.9	1152.9	1123.4
C240.0	1159.2	1137.2	1111.4	1087.7	1061.3	1031.8	1004.5	973.9	938.0	903.8
C255.0	1061.5	1039.0	1014.6	989.4	961.2	926.5	896.5	861.6	824.7	786.6
C270.0	1019.1	996.6	970.8	940.7	914.4	883.5	850.0	817.4	779.9	736.4
C285.0	1042.8	1020.0	996.9	971.3	947.3	914.4	884.6	853.4	816.5	778.2
C300.0	1133.3	1117.3	1093.6	1069.1	1046.6	1021.2	995.9	968.9	935.5	903.4
C315.0	1282.0	1269.7	1254.8	1236.1	1219.7	1200.1	1180.3	1157.3	1131.5	1108.8
C330.0	1487.4	1482.6	1478.1	1475.4	1468.8	1463.0	1460.4	1453.3	1443.1	1437.2
C345.0	1678.6	1682.2	1695.7	1705.0	1715.5	1726.4	1738.1	1749.2	1761.0	1772.7
C360.0	1707.7	1720.5	1736.3	1751.9	1766.4	1784.3	1802.0	1817.8	1836.8	1858.6

Light intensity data Unit[cd]

C\G	G50.0	G51.0	G52.0	G53.0	G54.0	G55.0	G56.0	G57.0	G58.0	G59.0
C0.0	1873.6	1893.9	1914.5	1931.6	1951.7	1971.0	1985.6	2001.1	2012.9	2022.1
C15.0	1519.1	1501.1	1484.5	1464.6	1432.7	1399.7	1362.6	1318.4	1269.5	1216.7
C30.0	880.3	830.3	782.3	733.7	677.3	624.8	573.2	513.0	459.9	409.5
C45.0	463.9	417.7	375.5	338.5	300.0	265.8	238.0	208.1	186.4	168.3
C60.0	286.7	252.2	226.9	203.5	181.5	166.4	151.3	138.3	129.0	118.9
C75.0	219.0	195.4	177.2	161.2	146.1	136.3	126.8	117.2	111.9	103.2
C90.0	200.2	181.0	164.5	152.6	140.7	131.8	121.1	113.3	106.6	103.2
C105.0	218.0	193.9	176.8	159.1	146.8	137.1	125.4	115.5	109.8	102.9
C120.0	289.5	253.2	223.9	202.6	179.4	162.2	148.0	133.2	123.1	114.5
C135.0	484.7	434.6	389.5	346.3	301.8	266.5	233.1	201.7	180.7	161.3
C150.0	935.8	883.1	830.3	775.8	711.5	652.5	592.6	525.4	463.0	405.8
C165.0	1614.7	1591.9	1567.2	1539.7	1500.0	1457.9	1410.4	1349.8	1287.7	1219.1
C180.0	2060.9	2071.1	2076.3	2083.9	2089.0	2088.4	2087.3	2082.8	2071.7	2052.9
C195.0	1876.9	1893.1	1913.2	1928.0	1944.7	1958.8	1971.3	1977.3	1983.7	1984.7
C210.0	1497.1	1487.5	1473.3	1457.3	1438.8	1417.8	1392.5	1358.1	1323.5	1286.3
C225.0	1091.4	1055.2	1020.9	981.3	933.7	890.3	841.6	784.5	731.8	674.1
C240.0	865.1	816.3	773.0	724.1	669.2	619.2	564.6	505.1	456.1	406.0
C255.0	743.9	692.5	647.5	597.9	545.3	497.9	449.6	394.8	351.5	310.8
C270.0	695.7	652.2	601.4	556.1	508.6	458.3	414.1	369.9	323.5	287.1
C285.0	740.0	694.1	649.3	604.7	551.7	503.4	457.2	407.7	364.5	323.8
C300.0	867.5	822.5	783.5	738.6	689.1	640.8	588.0	528.2	476.8	425.5
C315.0	1082.2	1047.3	1016.4	980.3	939.4	900.9	855.8	802.7	751.8	697.7
C330.0	1428.0	1412.0	1399.4	1386.4	1362.4	1339.3	1314.9	1283.3	1248.5	1213.3
C345.0	1781.3	1790.2	1801.5	1811.6	1818.0	1825.9	1830.7	1834.4	1835.9	1833.8
C360.0	1873.6	1893.9	1914.5	1931.6	1951.7	1971.0	1985.6	2001.1	2012.9	2022.1
C\G	G60.0	G61.0	G62.0	G63.0	G64.0	G65.0	G66.0	G67.0	G68.0	G69.0
C0.0	2034.0	2041.5	2047.5	2053.4	2056.1	2056.6	2052.8	2049.1	2041.0	2026.1
C15.0	1149.7	1086.5	1020.1	944.7	873.4	795.9	704.7	619.9	539.2	453.6
C30.0	355.5	312.0	274.3	238.6	210.7	186.3	159.9	135.8	120.5	106.2
C45.0	153.8	139.2	128.8	115.7	106.3	97.9	92.3	84.9	79.0	70.7
C60.0	109.6	103.2	96.3	92.4	87.6	82.0	75.0	71.2	67.1	64.7
C75.0	98.2	93.6	88.0	82.0	76.8	69.3	62.7	57.7	53.1	51.3
C90.0	96.6	92.0	84.3	75.9	67.5	63.1	59.2	57.4	55.1	51.2
C105.0	98.4	94.2	88.3	79.9	74.2	68.1	62.4	58.1	53.2	48.7
C120.0	107.6	101.6	95.1	87.5	83.7	78.6	76.3	72.8	67.6	62.0
C135.0	144.2	133.3	120.0	107.6	99.1	91.0	85.5	78.9	73.6	66.3
C150.0	347.5	301.3	263.8	223.0	191.9	168.2	146.4	130.3	115.0	99.3
C165.0	1135.4	1050.4	959.8	852.0	759.2	670.9	583.8	513.2	451.2	385.9
C180.0	2032.5	1998.2	1936.9	1866.5	1775.0	1658.5	1545.1	1422.4	1277.3	1142.9
C195.0	1981.0	1975.5	1959.8	1934.8	1906.6	1869.5	1812.0	1754.1	1686.3	1595.4
C210.0	1234.1	1181.2	1126.2	1055.5	985.0	909.9	817.4	733.8	654.2	567.8
C225.0	610.3	555.0	493.5	431.6	382.8	334.2	288.2	252.2	219.0	188.1
C240.0	358.1	317.9	279.4	241.6	214.1	188.9	167.3	150.2	135.3	121.4

Light intensity data Unit[cd]

C255.0	272.2	241.9	214.3	186.0	166.2	148.4	135.4	124.9	115.0	105.4
C270.0	253.4	223.3	198.7	174.0	155.4	140.5	128.5	119.5	109.6	100.0
C285.0	280.9	250.1	219.4	193.5	173.6	153.9	136.2	124.1	113.3	106.1
C300.0	374.8	331.6	292.1	252.4	221.3	194.2	171.0	151.3	136.9	122.6
C315.0	635.0	577.9	520.5	458.9	406.9	358.2	308.4	269.6	236.9	205.1
C330.0	1167.4	1121.6	1071.8	1014.1	954.4	883.3	815.9	743.3	674.2	597.6
C345.0	1831.0	1825.5	1813.9	1798.4	1781.7	1756.7	1725.5	1692.1	1651.8	1603.4
C360.0	2034.0	2041.5	2047.5	2053.4	2056.1	2056.6	2052.8	2049.1	2041.0	2026.1
C\G	G70.0	G71.0	G72.0	G73.0	G74.0	G75.0	G76.0	G77.0	G78.0	G79.0
C0.0	2005.2	1970.9	1908.9	1816.2	1709.3	1581.0	1419.1	1261.9	1084.8	847.4
C15.0	387.8	332.4	282.0	241.0	205.2	168.8	141.1	115.8	93.6	71.5
C30.0	94.9	87.3	78.9	70.5	63.7	55.2	45.2	39.5	35.4	30.6
C45.0	64.9	60.3	56.2	50.9	44.5	40.1	34.9	31.5	28.0	23.1
C60.0	60.1	55.5	48.9	45.5	41.2	38.6	34.3	29.5	23.8	21.0
C75.0	49.2	44.5	40.8	39.7	35.1	33.5	31.5	27.5	23.6	21.5
C90.0	49.6	47.2	44.5	42.5	38.6	33.4	31.0	29.3	26.4	24.4
C105.0	45.6	42.3	41.8	38.0	35.5	32.5	26.5	26.5	25.1	22.4
C120.0	58.7	52.2	49.1	45.6	41.0	34.1	30.0	24.9	22.2	20.4
C135.0	60.7	56.5	53.4	48.1	43.1	38.3	33.1	30.0	26.5	22.5
C150.0	90.1	79.2	71.5	64.0	57.2	46.7	40.0	36.7	34.6	29.9
C165.0	334.2	286.2	239.7	199.3	164.6	128.8	104.1	82.1	62.5	50.2
C180.0	997.6	812.8	607.6	397.9	230.7	151.7	109.1	87.2	72.5	55.9
C195.0	1495.4	1381.1	1240.5	1107.7	974.7	838.8	724.9	614.5	503.1	410.6
C210.0	492.6	424.0	345.5	280.0	226.1	181.6	151.3	129.4	107.1	91.9
C225.0	166.0	147.4	131.9	117.8	108.0	96.8	88.7	82.7	76.3	69.7
C240.0	111.7	103.4	96.0	89.9	85.0	79.0	73.6	69.7	65.0	60.4
C255.0	98.4	92.3	88.5	83.6	79.2	72.9	66.8	61.5	56.6	52.7
C270.0	95.1	87.8	84.3	80.9	73.4	64.1	58.9	54.8	52.6	51.7
C285.0	99.8	93.1	85.5	80.2	75.7	72.1	65.8	60.9	54.2	48.9
C300.0	111.0	102.9	95.5	88.3	83.7	77.9	73.2	68.9	62.2	58.9
C315.0	176.1	156.6	135.4	118.8	108.0	97.6	89.5	81.9	72.9	68.7
C330.0	528.1	464.6	400.4	344.4	290.5	234.8	200.5	170.0	145.4	125.1
C345.0	1547.7	1482.5	1402.9	1309.2	1208.7	1094.3	986.1	878.2	765.8	665.2
C360.0	2005.2	1970.9	1908.9	1816.2	1709.3	1581.0	1419.1	1261.9	1084.8	847.4
C\G	G80.0	G81.0	G82.0	G83.0	G84.0	G85.0	G86.0	G87.0	G88.0	G89.0
C0.0	610.2	392.6	222.7	140.1	97.3	71.9	50.0	34.0	19.3	8.0
C15.0	52.5	39.7	24.4	13.3	6.7	3.9	3.3	2.7	2.7	2.4
C30.0	27.8	21.9	15.9	14.7	9.2	4.0	3.2	3.1	2.8	2.5
C45.0	20.3	15.8	12.9	10.5	6.7	5.6	5.2	4.8	4.3	3.9
C60.0	18.6	19.0	16.1	11.4	10.6	11.6	8.9	7.6	7.9	6.6
C75.0	21.4	19.2	18.4	14.3	14.3	11.6	11.5	8.5	8.5	7.2
C90.0	20.9	18.3	15.4	13.0	12.7	10.8	9.0	10.1	9.5	8.3

Light intensity data Unit[cd]

C105.0	19.3	18.5	16.4	14.2	11.7	10.0	8.8	8.7	8.2	7.7
C120.0	18.9	15.4	13.3	12.9	10.2	9.1	8.0	7.9	7.7	7.2
C135.0	20.7	16.1	13.8	11.8	11.7	7.1	5.7	4.5	4.1	3.8
C150.0	28.4	21.6	16.4	15.4	7.4	5.2	4.0	2.7	2.7	2.7
C165.0	36.5	25.2	16.7	11.2	6.4	4.9	3.4	2.2	1.4	1.2
C180.0	42.4	26.8	18.0	12.7	5.5	3.3	3.0	2.7	2.7	2.7
C195.0	317.6	226.5	165.9	119.8	92.0	64.9	47.4	37.0	22.1	14.5
C210.0	81.3	72.9	63.3	53.9	46.3	39.5	35.3	31.0	27.7	20.3
C225.0	65.0	60.1	53.6	50.0	42.7	39.7	36.7	31.3	29.3	23.2
C240.0	56.3	52.6	48.1	46.5	40.0	34.3	30.2	28.3	21.9	20.2
C255.0	49.9	45.8	42.0	38.1	37.1	34.5	29.5	26.7	25.4	23.1
C270.0	47.9	47.1	41.9	40.3	38.1	34.3	31.0	29.1	26.0	23.9
C285.0	47.9	47.3	42.0	37.3	36.0	34.6	31.9	28.7	24.7	22.2
C300.0	54.4	50.4	46.7	41.9	39.1	32.9	30.6	27.8	20.5	18.2
C315.0	62.5	59.6	55.7	49.4	45.0	39.6	33.5	30.3	23.9	20.9
C330.0	107.2	89.4	78.0	69.8	55.3	45.3	34.9	30.6	24.9	18.7
C345.0	559.4	438.5	336.5	248.1	184.7	138.3	100.8	72.3	52.9	28.4
C360.0	610.2	392.6	222.7	140.1	97.3	71.9	50.0	34.0	19.3	8.0
C\G	G90.0									
C0.0	2.5									
C15.0	2.2									
C30.0	2.5									
C45.0	3.2									
C60.0	5.2									
C75.0	5.1									
C90.0	5.9									
C105.0	6.6									
C120.0	5.2									
C135.0	4.2									
C150.0	1.4									
C165.0	1.0									
C180.0	2.2									
C195.0	5.9									
C210.0	15.7									
C225.0	20.3									
C240.0	17.8									
C255.0	19.7									
C270.0	22.8									
C285.0	22.8									
C300.0	15.9									
C315.0	16.5									
C330.0	13.9									
C345.0	10.8									
C360.0	2.5									

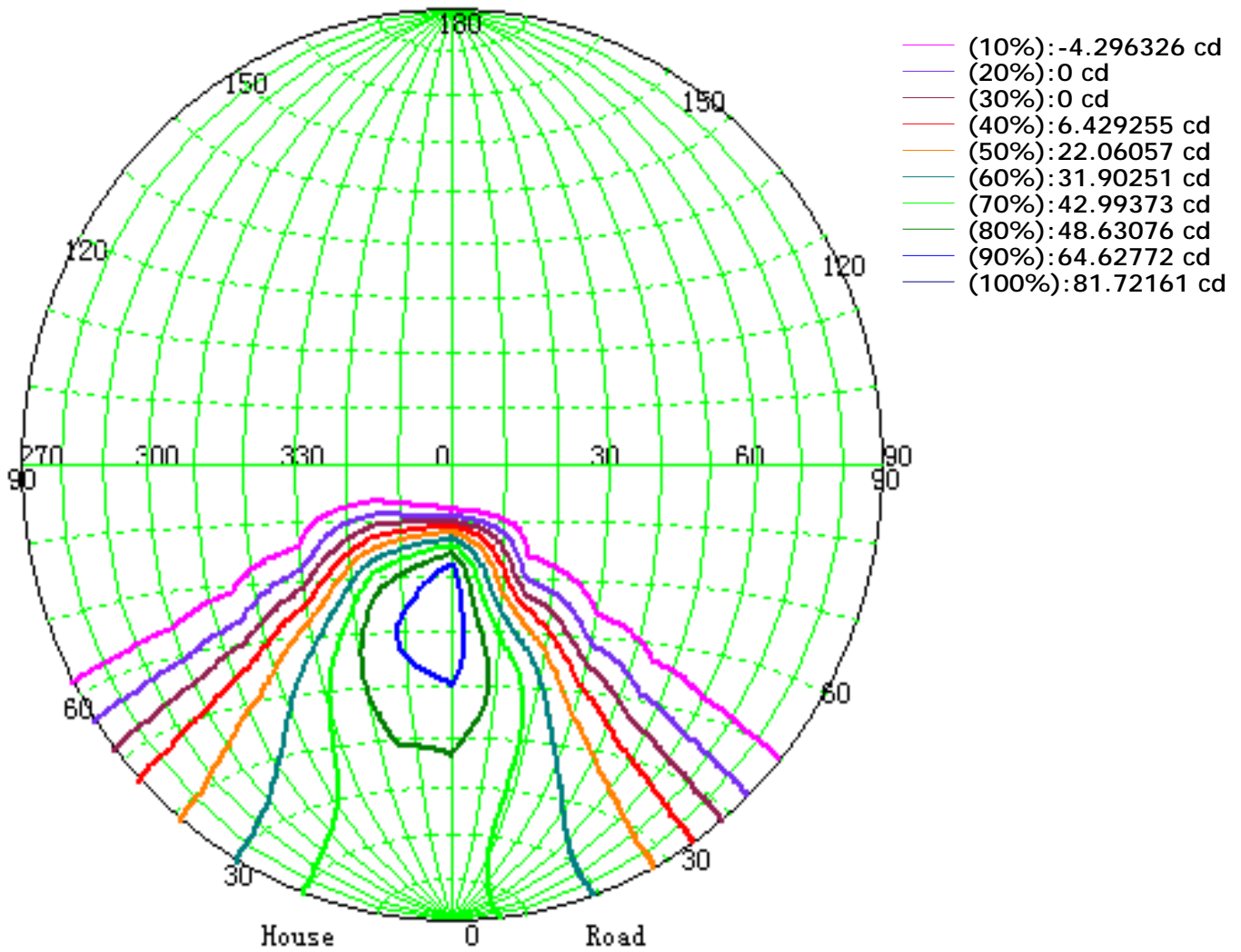
Zonal Luminous Flux Data

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
0.0	1555.01	0.00	0.00	0.00	0.00
0.0-1.0	1553.68	1.49	1.49	0.03	0.03
1.0-2.0	1552.74	4.46	5.95	0.10	0.13
2.0-3.0	1551.12	7.42	13.37	0.17	0.30
3.0-4.0	1549.29	10.38	23.75	0.23	0.53
4.0-5.0	1547.52	13.32	37.07	0.30	0.83
5.0-6.0	1544.65	16.25	53.32	0.36	1.20
6.0-7.0	1541.15	19.15	72.47	0.43	1.63
7.0-8.0	1538.63	22.04	94.51	0.49	2.12
8.0-9.0	1534.35	24.90	119.42	0.56	2.68
9.0-10.0	1529.41	27.73	147.15	0.62	3.30
10.0-11.0	1525.25	30.52	177.67	0.68	3.99
11.0-12.0	1520.61	33.30	210.96	0.75	4.73
12.0-13.0	1514.74	36.02	246.99	0.81	5.54
13.0-14.0	1508.71	38.70	285.69	0.87	6.41
14.0-15.0	1501.85	41.33	327.02	0.93	7.34
15.0-16.0	1495.33	43.92	370.93	0.99	8.32
16.0-17.0	1488.19	46.46	417.39	1.04	9.36
17.0-18.0	1479.90	48.94	466.33	1.10	10.46
18.0-19.0	1471.60	51.35	517.68	1.15	11.61
19.0-20.0	1463.23	53.72	571.40	1.21	12.82
20.0-21.0	1453.93	56.02	627.41	1.26	14.08
21.0-22.0	1443.99	58.23	685.65	1.31	15.38
22.0-23.0	1434.12	60.39	746.04	1.35	16.74
23.0-24.0	1424.55	62.50	808.54	1.40	18.14
24.0-25.0	1413.64	64.53	873.07	1.45	19.59
25.0-26.0	1402.71	66.48	939.55	1.49	21.08
26.0-27.0	1391.15	68.35	1007.90	1.53	22.61
27.0-28.0	1379.38	70.14	1078.05	1.57	24.19
28.0-29.0	1367.69	71.87	1149.92	1.61	25.80
29.0-30.0	1354.64	73.50	1223.42	1.65	27.45
30.0-31.0	1342.07	75.05	1298.47	1.68	29.13
31.0-32.0	1329.27	76.53	1375.00	1.72	30.85
32.0-33.0	1314.93	77.90	1452.90	1.75	32.60
33.0-34.0	1300.27	79.14	1532.04	1.78	34.37
34.0-35.0	1285.97	80.32	1612.36	1.80	36.17
35.0-36.0	1270.32	81.39	1693.75	1.83	38.00
36.0-37.0	1253.70	82.32	1776.07	1.85	39.85
37.0-38.0	1237.40	83.15	1859.22	1.87	41.71
38.0-39.0	1219.30	83.85	1943.07	1.88	43.59
39.0-40.0	1201.48	84.43	2027.50	1.89	45.49

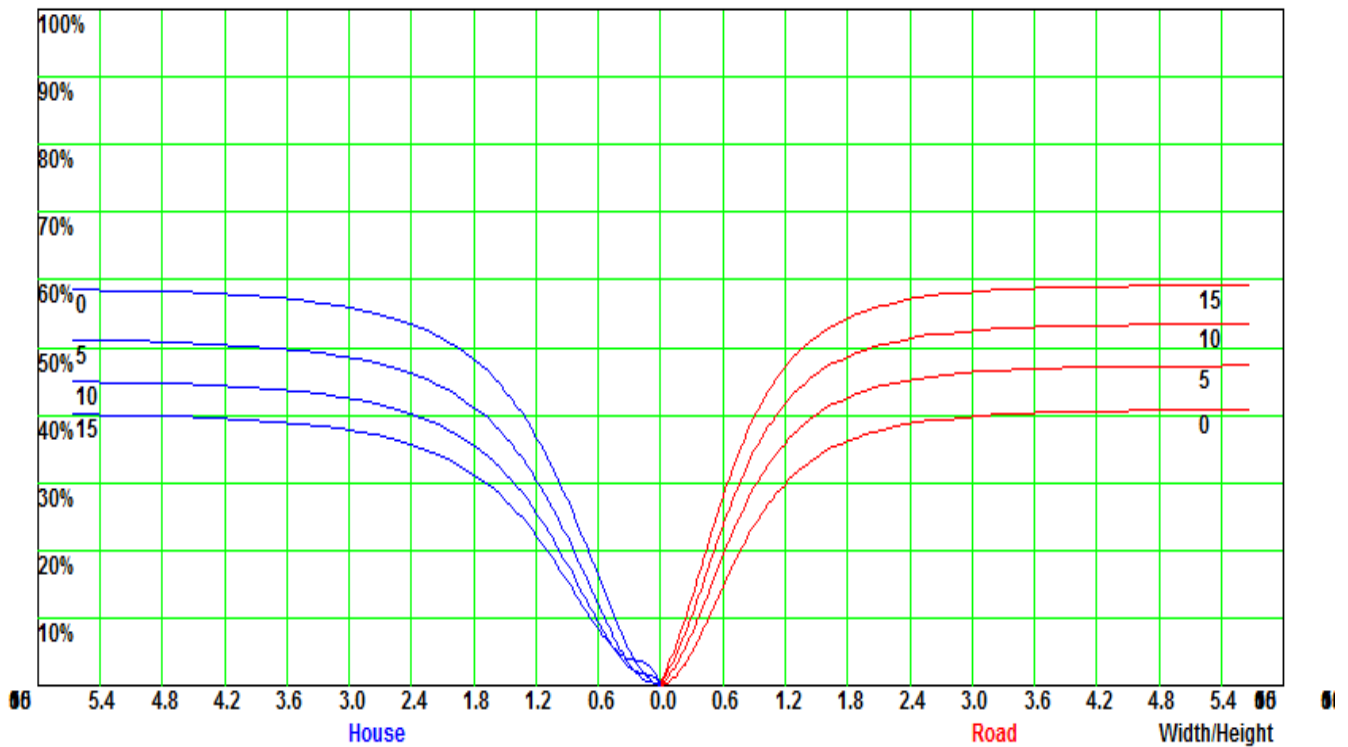
Zonal Luminous Flux Data

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
40.0-41.0	1183.63	84.93	2112.44	1.91	47.39
41.0-42.0	1163.06	85.26	2197.70	1.91	49.31
42.0-43.0	1143.35	85.44	2283.13	1.92	51.22
43.0-44.0	1123.87	85.57	2368.70	1.92	53.14
44.0-45.0	1101.21	85.51	2454.22	1.92	55.06
45.0-46.0	1080.26	85.31	2539.53	1.91	56.98
46.0-47.0	1058.87	85.08	2624.61	1.91	58.89
47.0-48.0	1034.52	84.63	2709.23	1.90	60.78
48.0-49.0	1011.85	84.04	2793.27	1.89	62.67
49.0-50.0	988.14	83.39	2876.66	1.87	64.54
50.0-51.0	960.93	82.46	2959.12	1.85	66.39
51.0-52.0	936.19	81.41	3040.52	1.83	68.22
52.0-53.0	910.81	80.34	3120.87	1.80	70.02
53.0-54.0	881.64	79.00	3199.87	1.77	71.79
54.0-55.0	854.71	77.51	3277.38	1.74	73.53
55.0-56.0	826.48	75.97	3353.35	1.70	75.24
56.0-57.0	794.33	74.11	3427.45	1.66	76.90
57.0-58.0	765.01	72.11	3499.56	1.62	78.52
58.0-59.0	735.07	70.13	3569.69	1.57	80.09
59.0-60.0	702.55	67.92	3637.61	1.52	81.61
60.0-61.0	672.86	65.64	3703.25	1.47	83.09
61.0-62.0	641.35	63.33	3766.57	1.42	84.51
62.0-63.0	606.66	60.70	3827.27	1.36	85.87
63.0-64.0	575.40	58.00	3885.27	1.30	87.17
64.0-65.0	542.66	55.33	3940.61	1.24	88.41
65.0-66.0	508.82	52.46	3993.07	1.18	89.59
66.0-67.0	477.78	49.61	4042.68	1.11	90.70
67.0-68.0	446.90	46.84	4089.52	1.05	91.75
68.0-69.0	414.24	43.93	4133.45	0.99	92.74
69.0-70.0	384.19	41.01	4174.46	0.92	93.66
70.0-71.0	352.62	38.08	4212.54	0.85	94.51
71.0-72.0	317.90	34.87	4247.40	0.78	95.29
72.0-73.0	283.33	31.44	4278.84	0.71	96.00
73.0-74.0	250.95	28.09	4306.93	0.63	96.63
74.0-75.0	220.53	24.91	4331.84	0.56	97.19
75.0-76.0	194.13	22.01	4353.86	0.49	97.68
76.0-77.0	170.62	19.45	4373.30	0.44	98.12
77.0-78.0	146.68	16.99	4390.29	0.38	98.50
78.0-79.0	122.69	14.47	4404.76	0.32	98.82
79.0-80.0	99.48	11.98	4416.74	0.27	99.09
80.0-81.0	76.68	9.53	4426.26	0.21	99.31

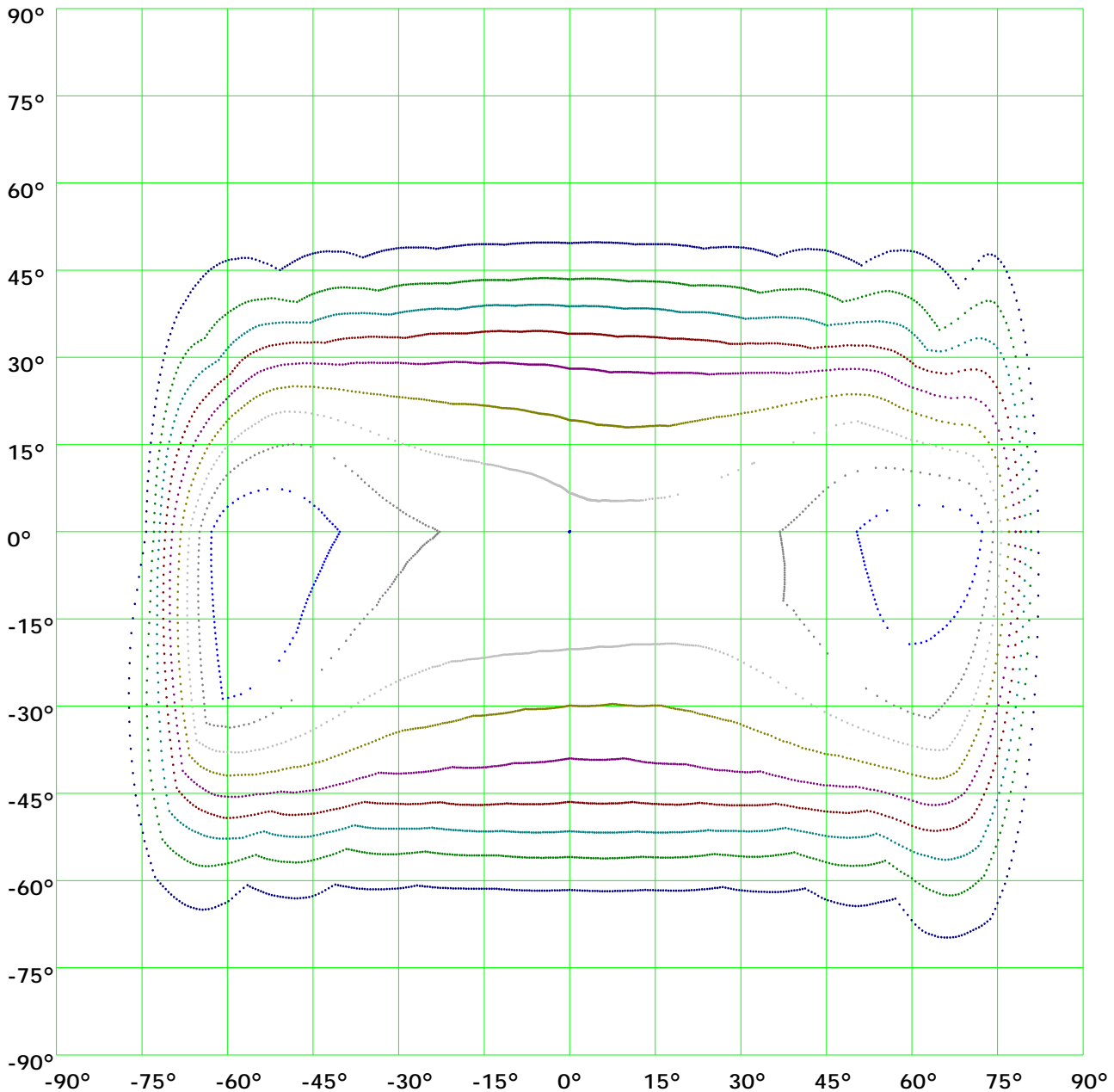
Iso-Candela [cd]



Coefficient Utilization Curve

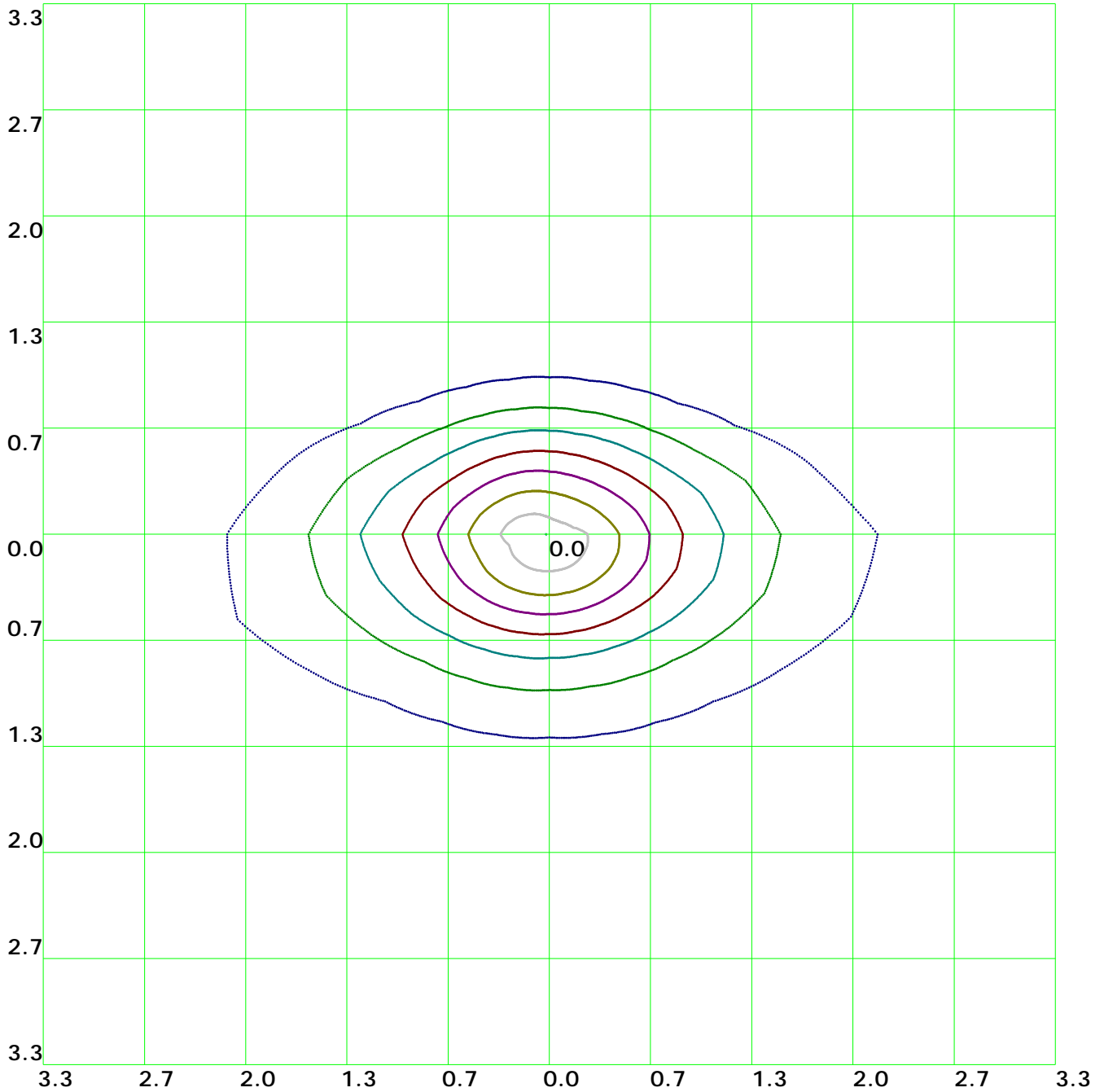


Isocandela(rectangle)



— (10%): 208.9cd	— (20%): 417.8cd	— (30%): 626.7cd	— (40%): 835.6cd
— (50%): 1044.5cd	— (60%): 1253.4cd	— (70%): 1462.3cd	— (80%): 1671.2cd
— (90%): 1880.1cd	— (100%): 2089.cd		

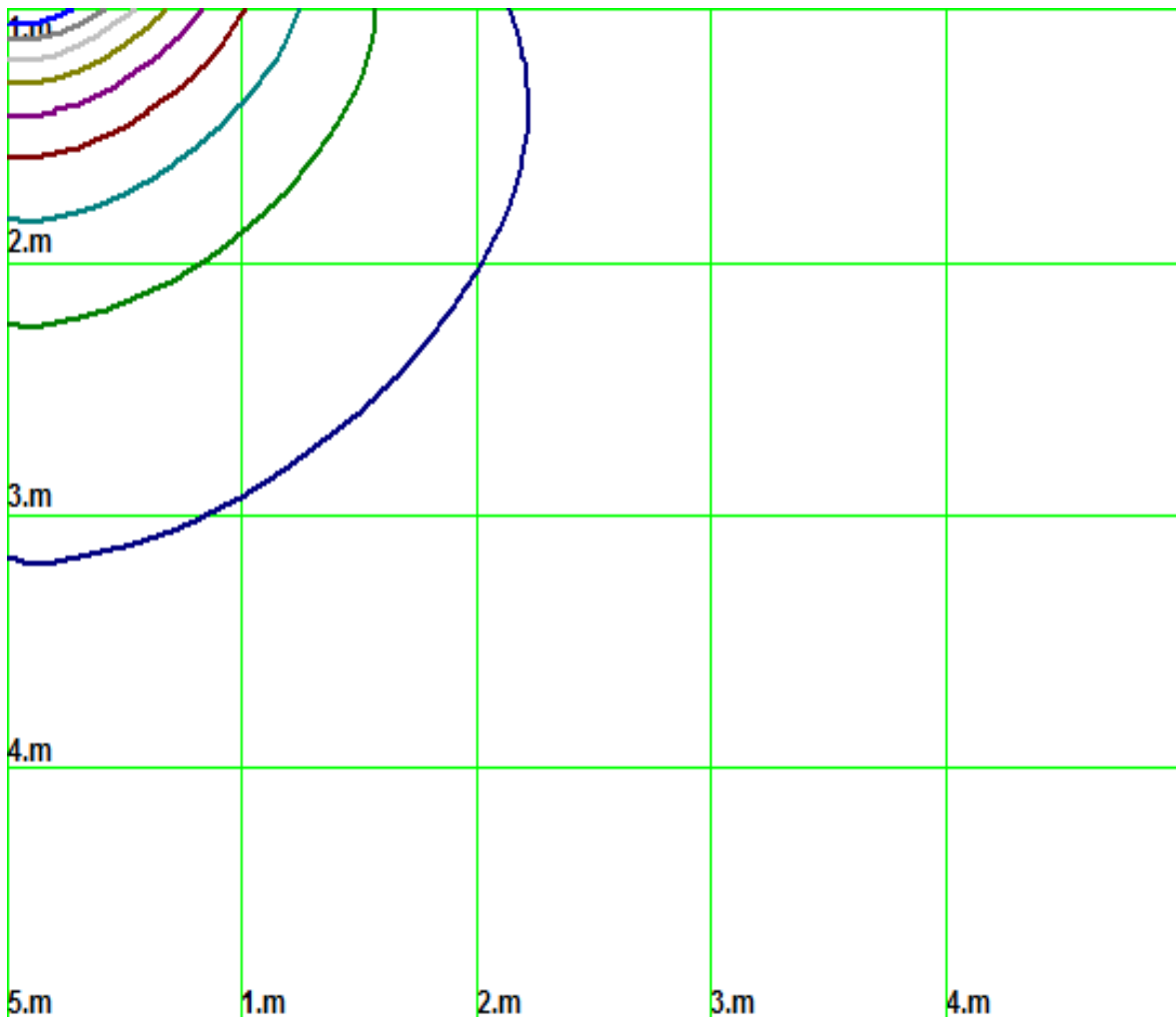
Isolx curve



Height: 1 m

- | | | | |
|-------------------|--------------------|-------------------|-------------------|
| — (10%): 208.9lx | — (20%): 417.8lx | — (30%): 626.7lx | — (40%): 835.6lx |
| — (50%): 1044.5lx | — (60%): 1253.4lx | — (70%): 1462.3lx | — (80%): 1671.2lx |
| — (90%): 1880.1lx | — (100%): 2086.9lx | | |

Space Isolx Curve



- (10%): 208.9lx — (20%): 417.8lx — (30%): 626.7lx — (40%): 835.6lx
- (50%): 1044.5lx — (60%): 1253.4lx — (70%): 1462.3lx — (80%): 1671.2lx
- (90%): 1880.1lx — (100%): 2086.9lx

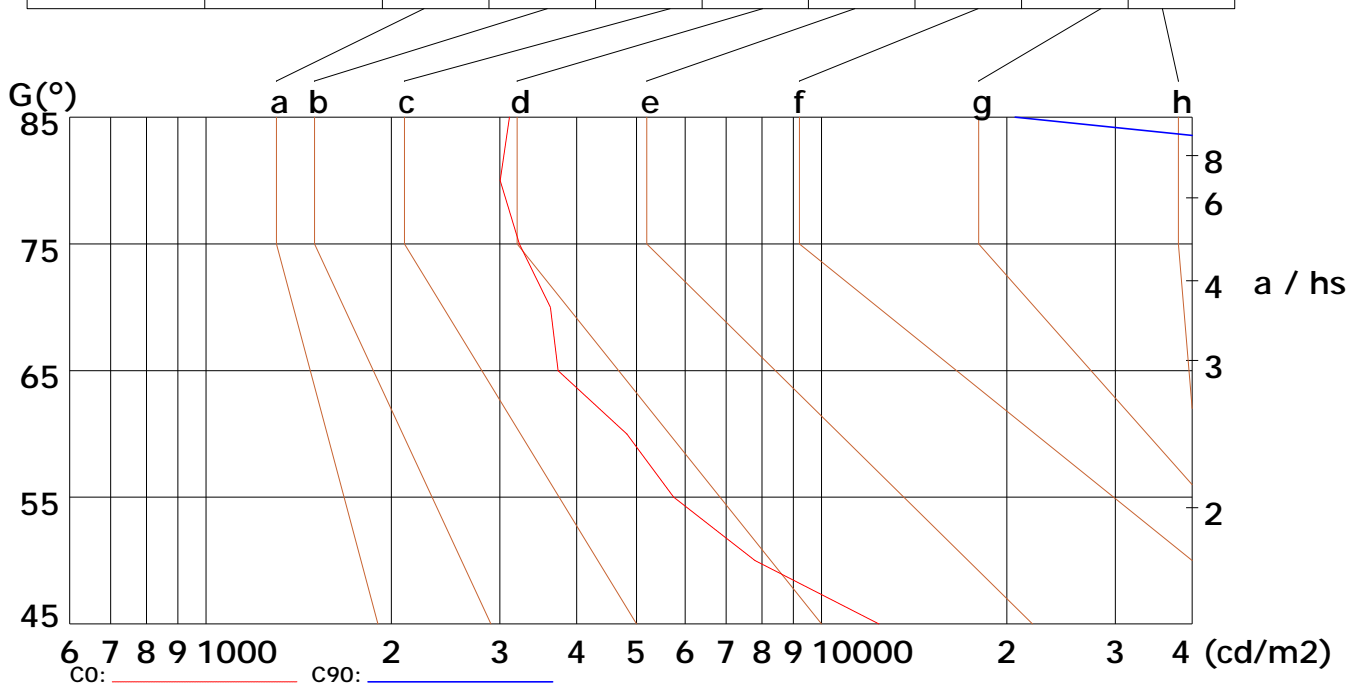
Luminance Limiting Curve

Diameter: 0mm
 Length: 0mm
 Width: 0mm
 Height: 0mm

(cd/m²)

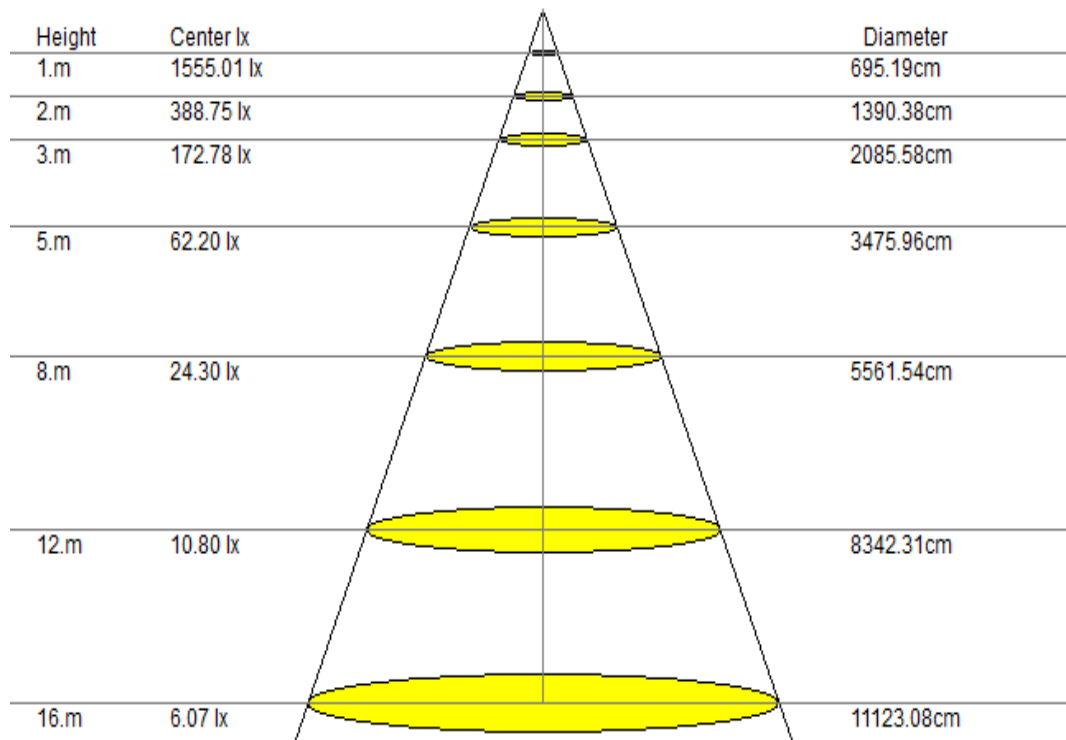
γ	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	12386	7786	5747	4830	3733	3626	3229	3005	3112
C90	63086	72869	85910	101698	121660	146572	152709	17854	20627

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: 147.90° (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	1.06	1.04	1.02	1.04	1.02	1.01	1.00	0.98	0.96	0.96	0.93	0.91	0.89	0.87	0.85	0.80
2	0.90	0.87	0.86	0.89	0.86	0.84	0.87	0.83	0.81	0.83	0.80	0.76	0.79	0.75	0.71	0.67
3	0.77	0.74	0.72	0.77	0.73	0.71	0.76	0.71	0.68	0.73	0.69	0.65	0.70	0.65	0.61	0.56
4	0.66	0.64	0.62	0.67	0.63	0.60	0.66	0.62	0.58	0.65	0.60	0.55	0.63	0.57	0.52	0.48
5	0.58	0.55	0.53	0.58	0.55	0.52	0.59	0.54	0.50	0.58	0.52	0.48	0.57	0.50	0.45	0.41
6	0.51	0.48	0.46	0.52	0.48	0.46	0.52	0.47	0.44	0.52	0.46	0.42	0.52	0.45	0.40	0.36
7	0.45	0.43	0.41	0.46	0.43	0.40	0.47	0.42	0.39	0.47	0.41	0.37	0.47	0.40	0.35	0.32
8	0.41	0.38	0.37	0.42	0.38	0.36	0.43	0.38	0.34	0.43	0.37	0.33	0.43	0.37	0.31	0.28
9	0.37	0.34	0.33	0.38	0.34	0.32	0.39	0.34	0.31	0.40	0.34	0.30	0.40	0.33	0.28	0.25
10	0.33	0.31	0.30	0.34	0.31	0.29	0.36	0.31	0.28	0.37	0.31	0.27	0.37	0.31	0.26	0.23

Indoor Budgetary Estimate Chart

