

Luminaire Property

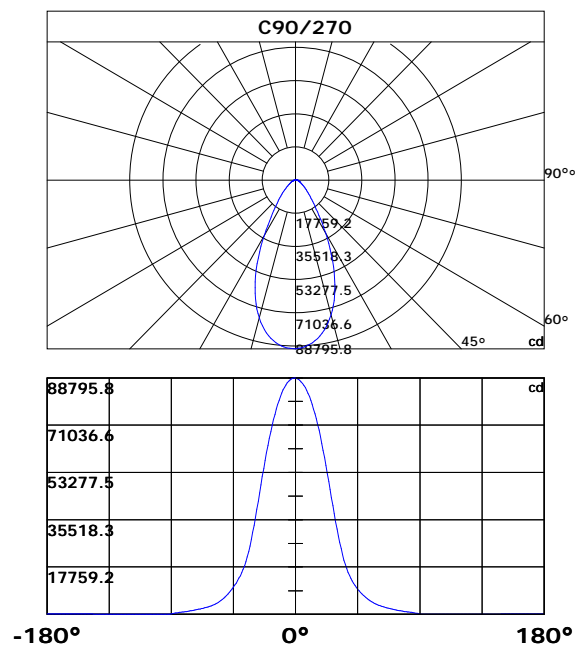
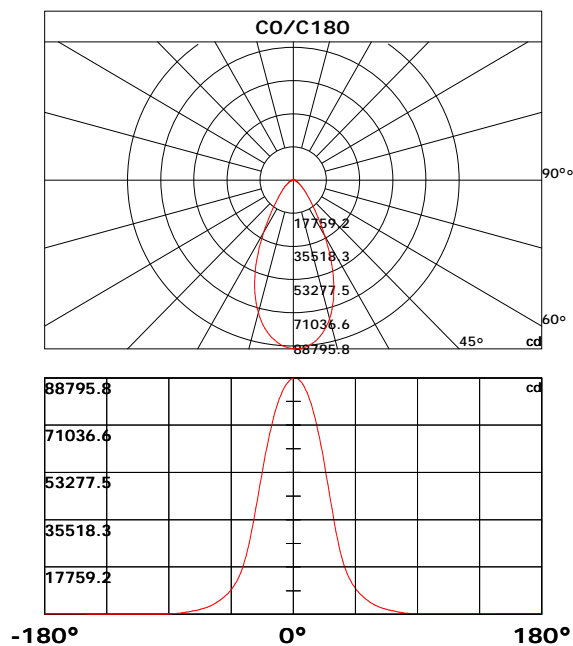
Luminaire Description: T500-480W-60D
Luminaire Category: LED FLOOD LIGHT
Lamp Category:
Lamp Description: CO-T500-480W-60D
Number of Lamp: 1
Lamp Lumens(lm): 79618.64
Luminous Length(m): 0.532
Luminous Width(m): 0.579
Luminous Height(m): 0.162

Voltage: 220.3 V
Current: 1.96 A
Power: 480.24 W
Power Factor: 0.967
Test Lab: Huipu-lab
Photometric Type: Type C
Manufactory: SHENZHEN COMING TECHNOLOGY CO., LTD

Photometric Results

CIE Class: Direct
Measurement Flux: 79618.64 lm
Efficiency: 165.7893 lm/W
Central Intensity: 88699.4cd
Max. Intensity: 88795.826cd
Field Angle(10%Imax): Left: -46.5 Right:45.3

Max.Intensity Angle: C:0.0 G:1.0
Beam Angle(50%Imax): L: -26.5 R:25.5
Luminaire Efficacy Rating(LER): 100.00%
Upward Ratio: 0.24%
Downward Ratio: 99.76%



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	88699.4	88795.8	88735.3	88538.5	88193.6	87706.4	87085.0	86340.1	85477.6	84468.7
C22.5	88699.4	88731.7	88612.5	88366.9	88003.7	87470.1	86775.0	85989.3	85083.7	84017.6
C45.0	88699.4	88695.3	88535.4	88243.6	87816.6	87229.8	86514.4	85683.4	84715.7	83632.8
C67.5	88699.4	88616.0	88383.8	88022.9	87537.2	86937.7	86193.1	85319.5	84305.9	83139.5
C90.0	88699.4	88529.0	88255.3	87851.2	87334.4	86710.9	85963.6	85097.5	84115.0	83003.8
C112.5	88699.4	88464.6	88154.9	87730.9	87169.7	86506.2	85697.0	84792.9	83783.4	82603.8
C135.0	88699.4	88462.5	88120.2	87669.1	87037.2	86350.3	85516.0	84557.4	83491.4	82290.9
C157.5	88699.4	88451.9	88084.6	87603.6	86993.9	86278.0	85440.7	84480.1	83400.6	82196.7
C180.0	88699.4	88520.5	88173.7	87700.2	87116.6	86406.8	85573.4	84592.2	83511.8	82274.1
C202.5	88699.4	88547.5	88218.8	87806.5	87219.1	86546.8	85719.1	84831.5	83785.8	82575.7
C225.0	88699.4	88629.0	88400.2	88033.0	87554.2	86937.2	86184.2	85272.8	84274.1	83142.3
C247.5	88699.4	88689.5	88537.9	88255.4	87828.9	87281.1	86615.8	85782.7	84817.7	83710.3
C270.0	88699.4	88690.5	88586.4	88340.2	87982.8	87511.1	86897.5	86173.7	85288.9	84261.8
C292.5	88699.4	88735.6	88647.0	88463.1	88117.2	87664.0	87087.0	86397.6	85542.3	84545.2
C315.0	88699.4	88770.8	88724.3	88555.8	88236.9	87802.3	87238.4	86528.5	85721.9	84771.9
C337.5	88699.4	88795.6	88773.4	88624.6	88322.0	87877.8	87292.8	86577.0	85770.4	84804.7
C360.0	88699.4	88795.8	88735.3	88538.5	88193.6	87706.4	87085.0	86340.1	85477.6	84468.7
C\G	G10.0	G11.0	G12.0	G13.0	G14.0	G15.0	G16.0	G17.0	G18.0	G19.0
C0.0	83330.8	82023.3	80558.1	78989.4	77245.5	75411.7	73263.5	71052.6	68692.1	66191.5
C22.5	82873.7	81549.0	80086.3	78453.0	76671.0	74754.1	72640.1	70392.3	67950.2	65434.9
C45.0	82392.9	81038.5	79521.5	77854.3	76040.4	74052.4	71879.8	69626.3	67156.8	64563.6
C67.5	81836.2	80405.2	78823.0	77092.4	75239.8	73231.0	71052.5	68758.6	66287.4	63738.0
C90.0	81752.2	80354.7	78819.2	77144.1	75339.5	73431.6	71321.1	69095.8	66703.2	64157.6
C112.5	81316.3	79908.3	78342.9	76672.6	74843.8	72902.2	70768.3	68467.1	66116.3	63569.4
C135.0	80964.9	79528.6	77922.5	76234.1	74371.3	72395.7	70261.4	67973.3	65598.1	63106.9
C157.5	80861.1	79387.6	77807.2	76037.2	74200.0	72209.7	70080.3	67842.4	65429.4	62919.0
C180.0	80957.2	79494.3	77893.7	76174.0	74280.7	72271.8	70107.2	67826.4	65483.6	62952.1
C202.5	81255.9	79780.4	78194.1	76462.9	74633.4	72596.0	70487.9	68203.6	65811.8	63292.9
C225.0	81862.8	80448.9	78894.7	77215.8	75379.1	73404.8	71298.7	69067.3	66667.4	64144.3
C247.5	82471.0	81100.4	79579.4	77911.2	76118.2	74171.3	72040.8	69793.9	67391.7	64874.2
C270.0	83115.3	81787.0	80354.1	78763.1	77018.0	75102.6	73073.2	70848.7	68535.4	66028.4
C292.5	83433.4	82149.1	80745.2	79178.9	77464.6	75634.6	73598.1	71434.1	69073.9	66574.0
C315.0	83690.8	82467.3	81102.6	79555.1	77841.5	76008.1	73949.0	71773.2	69458.6	66947.5
C337.5	83702.3	82460.0	81081.0	79542.3	77853.9	75982.4	73948.2	71779.7	69455.6	66939.4
C360.0	83330.8	82023.3	80558.1	78989.4	77245.5	75411.7	73263.5	71052.6	68692.1	66191.5
C\G	G20.0	G21.0	G22.0	G23.0	G24.0	G25.0	G26.0	G27.0	G28.0	G29.0
C0.0	63507.5	60789.9	57959.5	54969.2	51976.6	48902.6	45854.3	42755.7	39726.2	36749.6
C22.5	62741.7	60024.2	57095.7	54175.0	51120.9	48106.9	44963.7	41956.8	38962.2	35967.0
C45.0	61872.7	59061.6	56181.4	53177.5	50157.9	47061.2	44031.6	40924.1	37950.5	34954.4
C67.5	60970.0	58164.8	55265.8	52210.8	49211.9	46115.1	42991.2	39920.1	36894.8	33974.3
C90.0	61542.7	58791.7	55923.4	52998.4	49949.2	46912.0	43833.5	40798.4	37768.5	34822.8

Light intensity data Unit[cd]

C112.5	60943.9	58227.5	55349.8	52426.5	49426.4	46429.6	43443.7	40368.2	37346.3	34473.1
C135.0	60471.1	57715.1	54896.2	52008.1	49074.4	46150.4	43161.8	40142.1	37170.1	34302.8
C157.5	60262.3	57563.0	54793.9	51922.7	48968.9	46040.7	43056.2	40131.2	37234.0	34363.5
C180.0	60331.1	57623.9	54822.7	51932.0	48995.1	46039.2	43053.5	40134.7	37203.7	34386.0
C202.5	60681.3	57935.1	55149.5	52232.3	49297.6	46391.8	43430.9	40480.8	37579.3	34725.5
C225.0	61457.1	58687.7	55868.3	52917.1	49961.3	47015.3	43949.6	40944.9	37968.4	35108.7
C247.5	62215.6	59433.0	56605.2	53666.1	50627.8	47599.7	44511.6	41479.1	38492.2	35567.3
C270.0	63380.7	60631.1	57760.3	54765.3	51764.9	48622.7	45576.8	42432.3	39394.1	36408.3
C292.5	63945.0	61211.3	58345.2	55312.9	52273.7	49173.2	46052.3	42884.3	39824.3	36801.8
C315.0	64344.6	61581.0	58708.9	55710.9	52672.3	49585.6	46461.2	43342.3	40245.8	37215.5
C337.5	64344.4	61631.8	58729.8	55767.0	52761.5	49652.5	46559.3	43441.2	40374.6	37300.8
C360.0	63507.5	60789.9	57959.5	54969.2	51976.6	48902.6	45854.3	42755.7	39726.2	36749.6
C\G	G30.0	G31.0	G32.0	G33.0	G34.0	G35.0	G36.0	G37.0	G38.0	G39.0
C0.0	33827.8	31065.0	28392.9	25985.1	23715.7	21609.7	19786.8	18133.8	16670.5	15325.4
C22.5	33091.7	30360.0	27738.9	25353.3	23130.2	21143.3	19367.7	17741.6	16325.9	15045.1
C45.0	32134.9	29398.3	26848.3	24528.1	22369.6	20430.1	18698.4	17134.0	15759.7	14520.6
C67.5	31164.2	28463.6	25993.4	23761.2	21678.4	19828.1	18128.6	16648.0	15333.5	14126.1
C90.0	31980.3	29325.1	26995.3	24665.5	22337.8	20382.0	18698.0	17176.4	15803.3	14608.0
C112.5	31633.4	29220.3	26807.2	24394.0	21987.5	20056.2	18364.9	16845.2	15499.7	14280.5
C135.0	31521.7	29003.7	26485.7	23982.9	21926.1	20012.4	18342.7	16833.5	15496.4	14292.6
C157.5	31596.0	29210.3	26824.6	24439.0	22066.3	20159.6	18455.1	16915.0	15576.2	14378.4
C180.0	31651.3	29062.7	26604.5	24150.8	22106.0	20202.2	18500.8	16949.0	15604.0	14382.2
C202.5	31946.1	29367.4	27061.2	24754.9	22455.6	20511.7	18828.0	17299.7	15965.6	14763.5
C225.0	32342.0	29667.5	27350.1	25032.6	22719.5	20798.5	19090.3	17532.7	16181.9	14975.5
C247.5	32732.1	30007.7	27675.8	25343.9	23024.0	21062.9	19340.1	17786.4	16414.8	15175.3
C270.0	33458.5	30733.3	28077.3	25690.1	23522.7	21538.9	19784.1	18231.8	16852.0	15620.7
C292.5	33845.9	31062.2	28389.6	25972.2	23751.3	21726.9	19911.5	18311.7	16881.2	15608.0
C315.0	34265.6	31444.6	28753.5	26283.5	24001.9	21947.0	20105.9	18460.8	17003.9	15688.6
C337.5	34333.9	31518.9	28862.7	26387.2	24069.6	21995.8	20120.5	18464.5	16988.4	15654.2
C360.0	33827.8	31065.0	28392.9	25985.1	23715.7	21609.7	19786.8	18133.8	16670.5	15325.4
C\G	G40.0	G41.0	G42.0	G43.0	G44.0	G45.0	G46.0	G47.0	G48.0	G49.0
C0.0	14158.5	13137.9	12119.9	11251.9	10459.6	9724.0	9058.1	8446.4	7869.7	7333.0
C22.5	14019.7	12996.7	11973.8	11126.5	10380.0	9674.5	9022.0	8411.5	7846.2	7309.8
C45.0	13415.5	12409.4	11595.7	10784.4	9973.0	9277.1	8658.1	8079.9	7552.5	7049.5
C67.5	13117.6	12113.3	11239.5	10450.6	9729.2	9066.4	8468.9	7897.1	7379.0	6890.9
C90.0	13509.0	12536.9	11650.0	10853.7	10137.4	9463.0	8827.8	8236.2	7686.6	7175.1
C112.5	13177.2	12213.9	11332.2	10535.7	9816.2	9154.4	8542.1	7976.6	7464.7	6978.3
C135.0	13205.9	12241.1	11368.1	10564.3	9837.1	9165.8	8551.7	7984.2	7452.1	6953.1
C157.5	13290.2	12320.6	11424.6	10621.2	9894.7	9223.2	8603.9	8022.7	7485.6	6984.2
C180.0	13292.9	12329.1	11426.6	10610.9	9868.7	9194.1	8582.6	8000.1	7472.7	6970.2
C202.5	13673.9	12698.4	11801.0	10998.7	10252.0	9556.4	8911.8	8311.7	7758.5	7228.0
C225.0	13856.2	12866.9	11955.6	11118.0	10346.9	9643.7	8988.4	8375.4	7802.1	7262.6

Light intensity data Unit[cd]

C247.5	14056.4	13054.9	12117.9	11282.1	10507.1	9786.3	9119.2	8490.4	7911.4	7360.5
C270.0	14497.0	13567.5	12642.1	11716.6	10932.7	10197.8	9495.6	8839.1	8211.5	7617.1
C292.5	14470.1	13514.9	12564.5	11614.1	10826.7	10092.3	9402.6	8766.3	8165.6	7604.8
C315.0	14524.5	13560.6	12601.4	11642.2	10842.2	10106.6	9419.2	8791.6	8194.4	7627.6
C337.5	14471.9	13508.0	12548.0	11588.0	10789.1	10051.0	9371.4	8732.8	8141.6	7575.9
C360.0	14158.5	13137.9	12119.9	11251.9	10459.6	9724.0	9058.1	8446.4	7869.7	7333.0
C\G	G50.0	G51.0	G52.0	G53.0	G54.0	G55.0	G56.0	G57.0	G58.0	G59.0
C0.0	6846.9	6384.4	5950.5	5539.4	5145.6	4774.6	4421.2	4098.3	3794.6	3512.8
C22.5	6814.1	6345.8	5907.1	5501.3	5112.8	4759.3	4424.0	4104.4	3805.6	3537.5
C45.0	6588.8	6149.0	5743.3	5364.7	5008.8	4679.7	4368.8	4086.4	3821.4	3571.2
C67.5	6446.1	6026.6	5632.6	5262.1	4926.5	4616.5	4321.2	4052.9	3794.6	3562.1
C90.0	6697.8	6245.0	5828.0	5441.4	5084.2	4756.6	4447.1	4168.8	3914.0	3676.3
C112.5	6528.8	6105.8	5709.7	5346.0	5006.4	4691.4	4393.5	4121.3	3867.5	3628.8
C135.0	6487.9	6057.7	5652.9	5280.0	4926.1	4606.6	4307.3	4028.5	3769.4	3523.9
C157.5	6516.6	6077.6	5659.3	5270.3	4913.7	4580.2	4258.8	3959.2	3682.0	3422.0
C180.0	6518.0	6086.3	5680.4	5295.6	4929.8	4584.7	4255.7	3947.5	3662.1	3397.4
C202.5	6730.3	6261.4	5826.6	5427.2	5053.2	4706.3	4371.7	4061.4	3774.8	3507.0
C225.0	6758.7	6294.7	5853.4	5445.0	5063.4	4717.9	4395.9	4093.3	3823.8	3569.3
C247.5	6845.0	6362.3	5906.0	5497.2	5116.0	4764.3	4439.4	4135.9	3864.8	3609.2
C270.0	7063.9	6541.8	6060.1	5611.4	5198.9	4823.9	4475.9	4164.0	3880.9	3622.9
C292.5	7075.4	6579.5	6123.1	5684.6	5278.6	4894.8	4548.5	4225.5	3927.4	3659.0
C315.0	7103.1	6603.0	6136.0	5698.1	5289.6	4910.5	4557.3	4232.6	3930.5	3655.7
C337.5	7055.1	6559.7	6089.1	5655.3	5251.3	4866.7	4506.8	4171.6	3862.1	3576.6
C360.0	6846.9	6384.4	5950.5	5539.4	5145.6	4774.6	4421.2	4098.3	3794.6	3512.8
C\G	G60.0	G61.0	G62.0	G63.0	G64.0	G65.0	G66.0	G67.0	G68.0	G69.0
C0.0	3251.9	3012.9	2792.2	2588.9	2406.9	2234.9	2078.5	1930.2	1790.3	1659.1
C22.5	3285.6	3057.2	2842.8	2643.1	2464.2	2293.2	2133.9	1986.5	1843.2	1708.6
C45.0	3342.3	3126.2	2925.2	2735.7	2558.5	2383.9	2224.6	2070.4	1926.0	1785.9
C67.5	3342.6	3139.3	2954.8	2777.7	2608.5	2454.5	2313.7	2177.1	2043.3	1919.7
C90.0	3463.5	3254.6	3072.3	2902.3	2741.3	2593.0	2447.8	2314.9	2184.3	2059.5
C112.5	3407.5	3197.2	3003.9	2824.1	2657.0	2497.9	2345.0	2204.4	2070.4	1945.0
C135.0	3305.5	3093.4	2892.9	2705.3	2530.1	2365.0	2202.0	2052.0	1908.7	1772.2
C157.5	3186.8	2962.2	2757.7	2568.9	2393.7	2232.1	2078.1	1936.8	1803.6	1676.7
C180.0	3155.0	2929.6	2717.5	2525.8	2349.9	2186.0	2030.8	1890.4	1759.9	1636.4
C202.5	3264.8	3032.8	2820.4	2625.7	2447.5	2282.3	2124.5	1979.2	1842.8	1717.2
C225.0	3338.4	3122.2	2918.7	2731.4	2559.5	2395.2	2233.8	2087.7	1946.4	1817.7
C247.5	3383.2	3167.9	2973.3	2796.6	2628.3	2477.8	2331.6	2197.9	2072.7	1949.1
C270.0	3398.4	3187.7	3002.4	2825.7	2669.1	2524.7	2392.7	2260.8	2137.8	2017.9
C292.5	3405.6	3181.6	2971.8	2785.7	2608.8	2449.5	2303.6	2168.4	2035.5	1913.0
C315.0	3400.1	3168.7	2950.0	2747.0	2561.3	2385.6	2221.1	2068.7	1927.2	1791.5
C337.5	3311.8	3072.6	2850.2	2644.9	2461.2	2285.4	2124.5	1974.3	1831.3	1696.7
C360.0	3251.9	3012.9	2792.2	2588.9	2406.9	2234.9	2078.5	1930.2	1790.3	1659.1

Light intensity data Unit[cd]

C\G	G70.0	G71.0	G72.0	G73.0	G74.0	G75.0	G76.0	G77.0	G78.0	G79.0
C0.0	1530.9	1409.7	1294.4	1185.2	1079.3	978.4	882.8	789.7	702.0	615.2
C22.5	1576.9	1450.1	1325.9	1209.1	1099.0	998.7	907.9	821.0	740.7	664.0
C45.0	1654.3	1525.2	1403.0	1286.9	1173.6	1064.5	960.8	858.1	765.0	676.4
C67.5	1800.7	1687.9	1577.3	1469.7	1360.7	1256.9	1153.9	1051.5	956.2	865.3
C90.0	1935.8	1814.3	1697.4	1589.2	1482.7	1385.9	1297.4	1212.7	1133.9	1057.4
C112.5	1821.8	1703.0	1590.3	1480.6	1368.3	1262.6	1162.7	1064.3	970.2	875.8
C135.0	1646.8	1520.6	1401.4	1285.6	1176.7	1069.6	966.7	870.9	786.1	702.6
C157.5	1553.4	1435.3	1317.4	1205.1	1101.3	1001.5	908.5	823.8	742.9	670.4
C180.0	1516.2	1401.2	1292.7	1190.6	1095.2	1003.8	915.3	830.1	748.2	668.4
C202.5	1593.0	1472.3	1359.5	1249.4	1145.4	1050.0	961.4	880.3	803.8	732.8
C225.0	1693.1	1572.4	1458.8	1345.9	1237.6	1129.6	1030.2	934.6	846.9	762.3
C247.5	1834.9	1719.0	1610.8	1505.8	1400.2	1294.6	1192.1	1093.4	1001.3	914.7
C270.0	1900.7	1788.3	1677.5	1570.1	1468.6	1375.3	1289.1	1207.8	1132.3	1060.1
C292.5	1796.1	1685.8	1579.2	1476.3	1370.9	1267.6	1166.4	1071.1	982.9	894.2
C315.0	1661.0	1535.0	1415.0	1300.7	1189.3	1082.3	981.2	883.2	792.1	706.5
C337.5	1565.3	1435.6	1315.7	1201.3	1092.7	992.8	901.1	813.1	734.4	661.8
C360.0	1530.9	1409.7	1294.4	1185.2	1079.3	978.4	882.8	789.7	702.0	615.2
C\G	G80.0	G81.0	G82.0	G83.0	G84.0	G85.0	G86.0	G87.0	G88.0	G89.0
C0.0	531.5	458.4	394.0	340.4	293.8	251.9	209.9	167.1	123.2	79.8
C22.5	595.0	529.3	466.5	402.6	340.5	279.4	223.9	170.1	115.9	69.2
C45.0	599.9	532.6	468.6	409.2	352.1	297.4	242.6	188.5	131.4	75.0
C67.5	780.3	701.7	624.7	555.8	490.0	426.0	356.7	284.8	203.7	100.7
C90.0	983.6	914.2	842.6	772.8	699.7	626.8	554.5	469.8	374.6	254.1
C112.5	786.0	705.4	630.1	562.9	499.9	440.8	380.2	310.1	229.9	143.4
C135.0	626.6	559.2	497.0	437.7	381.7	328.9	275.6	223.0	172.6	121.8
C157.5	601.1	535.7	473.1	416.1	362.6	310.5	261.1	213.9	168.9	124.7
C180.0	592.2	521.1	456.2	399.6	355.6	311.8	272.0	230.0	186.9	145.4
C202.5	665.0	602.0	538.6	475.9	413.9	354.0	294.0	237.1	183.2	134.3
C225.0	683.5	613.4	549.6	490.3	434.5	377.9	324.6	265.9	208.8	158.8
C247.5	830.7	754.9	682.6	619.7	559.8	503.5	451.8	391.3	318.4	232.9
C270.0	989.6	920.0	851.3	782.0	713.0	642.2	565.7	482.1	387.8	285.6
C292.5	812.0	732.9	657.4	590.3	529.0	472.1	412.5	347.4	269.6	175.4
C315.0	631.0	565.0	505.1	446.3	386.3	329.2	269.7	213.1	160.9	105.1
C337.5	594.8	529.5	466.0	403.5	342.7	283.1	229.8	179.4	130.0	83.4
C360.0	531.5	458.4	394.0	340.4	293.8	251.9	209.9	167.1	123.2	79.8
C\G	G90.0	G91.0	G92.0	G93.0	G94.0	G95.0	G96.0	G97.0	G98.0	G99.0
C0.0	42.8	2.8	2.2	1.8	1.8	1.8	1.8	1.8	1.8	1.8
C22.5	18.9	2.6	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
C45.0	19.4	2.6	2.6	2.2	1.8	1.8	1.8	1.8	1.8	6.0
C67.5	14.2	3.5	3.1	3.1	3.4	3.5	3.5	3.5	3.5	3.1
C90.0	91.4	47.3	3.1	3.1	3.1	3.9	5.2	5.9	21.6	47.7

Light intensity data Unit[cd]

C112.5	61.1	4.8	2.6	2.6	2.6	3.1	3.4	3.1	3.1	3.5
C135.0	72.4	5.6	2.6	2.2	2.2	2.2	2.2	2.2	2.2	2.2
C157.5	81.4	5.1	2.2	1.8	1.8	1.8	1.8	1.8	1.8	1.8
C180.0	102.0	4.3	2.2	2.2	2.2	2.2	1.8	1.8	2.2	2.2
C202.5	79.5	2.6	2.6	2.2	2.0	1.8	1.8	1.8	2.2	2.2
C225.0	105.5	35.2	2.6	2.2	2.2	2.2	2.2	2.2	2.6	2.6
C247.5	130.1	44.2	2.6	2.6	2.6	3.1	3.1	3.5	3.5	4.8
C270.0	198.4	31.4	4.8	3.5	3.5	3.5	2.6	2.6	3.0	46.6
C292.5	77.1	8.0	4.0	3.5	3.5	3.1	3.1	3.4	3.7	3.1
C315.0	51.9	7.7	3.1	2.2	2.2	2.2	1.8	1.8	1.8	2.1
C337.5	38.2	3.4	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
C360.0	42.8	2.8	2.2	1.8	1.8	1.8	1.8	1.8	1.8	1.8
C\G	G100.0	G101.0	G102.0	G103.0	G104.0	G105.0	G106.0	G107.0	G108.0	G109.0
C0.0	1.8	1.8	1.8	2.2	14.9	32.0	36.0	40.0	12.0	5.4
C22.5	2.2	2.2	4.3	19.8	34.8	41.3	19.2	5.9	3.5	3.5
C45.0	12.5	12.7	13.0	4.1	2.6	2.6	2.2	2.2	2.2	2.2
C67.5	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
C90.0	52.9	58.2	38.7	21.7	7.8	6.1	5.4	4.8	4.8	5.2
C112.5	3.5	5.3	5.6	5.2	5.3	6.1	6.1	6.1	6.5	6.6
C135.0	3.1	3.1	3.5	3.5	3.5	3.9	3.9	4.4	4.8	5.2
C157.5	1.8	2.2	2.2	2.6	3.1	3.1	3.1	3.1	3.1	3.9
C180.0	2.6	2.2	2.6	2.6	3.5	3.9	4.1	4.3	4.4	5.2
C202.5	2.2	2.6	2.8	3.1	4.4	4.4	4.4	4.8	4.4	5.3
C225.0	2.6	2.6	2.6	3.1	3.9	4.4	3.9	4.4	4.8	5.3
C247.5	5.3	5.6	5.3	5.3	5.7	5.7	6.5	6.1	6.1	6.1
C270.0	51.7	56.9	49.9	21.4	8.2	3.9	3.9	3.9	3.9	3.9
C292.5	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
C315.0	2.6	14.1	18.0	11.1	4.2	2.6	2.2	2.2	2.2	2.2
C337.5	1.8	1.8	1.8	9.4	26.0	38.9	39.2	10.0	4.4	3.1
C360.0	1.8	1.8	1.8	2.2	14.9	32.0	36.0	40.0	12.0	5.4
C\G	G110.0	G111.0	G112.0	G113.0	G114.0	G115.0	G116.0	G117.0	G118.0	G119.0
C0.0	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	5.2
C22.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
C45.0	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
C67.5	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.5	4.3	4.8
C90.0	5.6	6.1	6.5	6.6	7.4	7.4	8.3	8.7	9.6	9.1
C112.5	7.4	7.8	7.4	8.7	8.7	9.1	9.6	10.9	11.3	11.8
C135.0	5.6	6.1	6.5	7.0	7.4	7.8	8.7	8.3	9.6	10.0
C157.5	4.3	5.2	5.6	6.1	6.1	7.0	7.8	8.3	9.1	9.6
C180.0	5.7	6.5	7.0	7.0	8.3	8.7	8.3	8.3	8.3	8.7
C202.5	5.7	6.1	6.5	7.0	7.4	7.4	8.3	8.7	9.1	10.0
C225.0	5.7	7.0	7.4	7.8	7.9	8.7	8.7	9.1	10.5	10.5

Light intensity data Unit[cd]

C247.5	6.5	6.5	7.0	7.4	8.3	8.7	9.1	9.6	10.0	10.5
C270.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
C292.5	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
C315.0	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
C337.5	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
C360.0	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	5.2
C\G	G120.0	G121.0	G122.0	G123.0	G124.0	G125.0	G126.0	G127.0	G128.0	G129.0
C0.0	5.2	7.0	7.8	9.5	12.5	14.3	14.3	16.1	16.5	15.7
C22.5	3.9	5.6	7.0	7.4	7.8	7.4	9.6	10.0	12.6	13.5
C45.0	2.6	2.2	3.5	6.1	7.8	7.8	8.3	8.7	9.6	10.5
C67.5	7.0	7.0	7.4	7.8	8.3	9.6	13.0	14.4	14.4	15.7
C90.0	9.6	10.5	10.9	10.9	10.9	11.8	13.1	13.5	14.4	15.3
C112.5	12.6	12.6	13.9	14.0	14.8	15.2	15.7	16.5	17.4	18.7
C135.0	10.5	10.9	11.3	11.8	12.2	12.2	12.6	13.9	14.3	15.7
C157.5	10.5	10.5	10.9	11.7	11.7	12.6	13.5	14.3	13.9	14.0
C180.0	9.6	11.8	12.6	12.6	13.5	13.5	14.8	14.8	14.8	14.8
C202.5	10.9	11.3	11.3	12.2	12.6	12.6	14.3	14.3	14.8	14.8
C225.0	11.0	12.2	12.6	12.6	13.1	13.1	14.4	14.8	15.7	16.6
C247.5	10.5	11.3	11.8	12.2	12.2	13.1	14.0	14.0	14.8	16.2
C270.0	3.9	3.9	3.9	3.9	6.5	7.4	7.4	7.8	8.7	10.0
C292.5	3.1	3.1	3.4	4.3	6.1	6.5	6.5	7.8	9.1	10.4
C315.0	2.6	3.0	3.9	6.0	7.3	7.8	8.3	8.3	9.6	11.7
C337.5	2.6	3.4	5.6	6.5	8.3	8.3	9.1	9.6	11.7	12.6
C360.0	5.2	7.0	7.8	9.5	12.5	14.3	14.3	16.1	16.5	15.7
C\G	G130.0	G131.0	G132.0	G133.0	G134.0	G135.0	G136.0	G137.0	G138.0	G139.0
C0.0	15.2	15.7	15.7	26.2	28.7	31.3	34.3	31.3	31.3	34.7
C22.5	13.9	15.2	16.9	20.9	21.3	22.2	24.3	27.8	30.4	35.2
C45.0	12.6	14.0	14.4	15.3	17.4	19.6	22.2	24.0	27.0	30.9
C67.5	17.0	19.1	20.0	21.4	21.4	23.5	26.2	28.8	33.6	37.0
C90.0	17.0	18.3	19.2	21.4	22.7	25.3	27.0	29.6	32.3	35.3
C112.5	19.6	20.5	22.7	24.4	26.1	27.4	28.3	29.6	31.9	34.4
C135.0	16.5	17.4	18.3	19.2	20.9	22.2	23.9	25.3	27.5	29.6
C157.5	14.8	15.7	18.7	19.5	21.4	23.9	26.5	27.4	29.6	31.8
C180.0	14.8	15.2	15.7	18.1	25.3	27.4	30.0	30.4	30.9	33.1
C202.5	16.2	17.9	17.9	19.2	20.5	20.9	23.5	26.1	28.7	31.9
C225.0	17.5	18.0	19.7	21.4	22.7	24.9	26.6	28.4	30.6	33.2
C247.5	16.6	17.5	19.7	20.5	22.7	24.9	26.6	28.4	30.6	33.2
C270.0	13.0	13.5	15.2	16.5	20.0	21.3	23.9	26.5	30.0	33.9
C292.5	13.5	13.9	15.2	17.0	20.4	21.3	23.9	27.4	30.0	33.9
C315.0	13.5	13.9	15.6	17.9	20.4	21.7	23.4	26.0	28.6	32.5
C337.5	13.9	14.8	17.0	20.3	21.7	23.1	26.0	27.8	32.0	36.0
C360.0	15.2	15.7	15.7	26.2	28.7	31.3	34.3	31.3	31.3	34.7

Light intensity data Unit[cd]

C\G	G140.0	G141.0	G142.0	G143.0	G144.0	G145.0	G146.0	G147.0	G148.0	G149.0
C0.0	39.5	43.4	47.8	52.6	55.1	60.4	68.5	72.1	77.4	82.6
C22.5	40.8	44.8	49.9	54.4	58.7	63.9	68.3	74.0	78.7	83.1
C45.0	36.1	40.8	47.0	51.8	57.1	63.1	68.9	75.7	80.6	87.1
C67.5	40.8	45.7	50.5	55.4	61.1	64.9	69.3	74.0	78.9	83.6
C90.0	38.3	41.4	44.1	47.5	51.8	55.8	59.7	64.5	69.3	74.0
C112.5	37.0	40.1	43.1	46.7	50.2	54.0	58.0	62.7	67.1	72.3
C135.0	32.6	35.3	38.8	42.3	46.2	50.2	54.0	58.4	63.6	68.3
C157.5	33.5	37.8	41.3	44.4	48.3	52.2	56.2	60.9	65.3	70.5
C180.0	35.3	37.9	41.3	44.8	49.6	53.2	56.6	60.9	65.8	70.1
C202.5	35.3	38.3	42.7	46.7	51.0	54.9	58.8	62.8	67.5	72.8
C225.0	36.2	39.3	42.4	45.9	49.0	52.8	57.2	61.5	67.7	72.6
C247.5	36.3	39.4	43.2	46.8	50.6	54.6	58.6	62.9	67.7	72.4
C270.0	38.7	43.8	49.1	54.8	59.1	63.9	68.7	74.2	79.2	85.2
C292.5	39.0	43.5	48.2	53.0	57.8	63.1	69.1	73.8	79.6	85.6
C315.0	36.0	40.0	45.1	50.7	54.6	60.8	67.2	73.4	79.4	85.2
C337.5	40.0	43.8	48.6	53.4	58.1	63.4	68.2	72.9	78.2	83.0
C360.0	39.5	43.4	47.8	52.6	55.1	60.4	68.5	72.1	77.4	82.6
C\G	G150.0	G151.0	G152.0	G153.0	G154.0	G155.0	G156.0	G157.0	G158.0	G159.0
C0.0	87.3	92.2	96.4	100.0	104.3	108.6	112.5	117.4	122.5	127.3
C22.5	87.8	92.6	97.0	100.9	104.8	110.1	113.9	118.8	124.5	128.3
C45.0	93.3	99.3	104.6	109.8	114.7	119.9	123.4	126.0	128.2	132.1
C67.5	89.7	93.7	98.5	104.5	107.7	112.9	118.1	121.2	124.7	127.7
C90.0	79.7	84.9	91.1	96.7	101.8	105.7	110.2	114.4	117.6	122.3
C112.5	76.2	81.5	87.1	92.3	97.6	102.7	106.7	110.6	113.6	117.6
C135.0	74.5	79.8	85.7	91.0	96.5	100.9	104.5	108.9	112.7	116.5
C157.5	75.8	81.9	87.1	92.6	97.0	101.4	105.7	110.1	114.1	119.6
C180.0	75.0	80.5	84.4	85.6	87.6	95.2	104.4	109.2	112.7	117.0
C202.5	78.0	83.6	88.9	95.0	100.6	104.5	106.7	108.8	110.7	115.4
C225.0	77.7	82.6	87.2	91.7	95.2	97.7	99.9	102.1	104.7	109.6
C247.5	77.7	83.4	89.0	94.8	100.5	105.1	108.6	111.8	115.2	119.1
C270.0	90.9	96.4	101.3	105.6	110.1	114.4	119.1	122.2	124.8	128.3
C292.5	91.3	96.9	102.2	106.9	112.2	117.0	121.4	125.2	129.1	132.2
C315.0	90.7	96.0	100.4	104.8	109.8	114.3	118.6	124.4	126.9	131.6
C337.5	89.0	92.5	96.5	100.4	104.7	109.5	113.4	118.7	121.2	125.6
C360.0	87.3	92.2	96.4	100.0	104.3	108.6	112.5	117.4	122.5	127.3
C\G	G160.0	G161.0	G162.0	G163.0	G164.0	G165.0	G166.0	G167.0	G168.0	G169.0
C0.0	132.4	136.0	140.3	143.4	146.9	151.2	153.0	156.0	160.0	165.5
C22.5	132.7	135.7	139.2	141.4	144.9	146.2	148.0	153.2	159.2	165.7
C45.0	133.4	135.6	139.6	143.0	147.7	150.4	154.4	160.5	164.4	169.3
C67.5	132.1	135.1	140.0	145.1	148.7	152.6	155.7	160.1	163.5	167.4
C90.0	126.7	130.5	134.5	135.8	138.9	141.9	144.0	146.7	151.0	152.7

Light intensity data Unit[cd]

C112.5	121.6	126.7	131.0	134.5	138.4	141.5	144.5	146.7	151.1	154.5
C135.0	120.5	124.5	127.9	131.0	135.3	138.4	140.9	144.5	148.8	154.4
C157.5	123.5	127.4	130.9	133.9	136.6	139.1	141.3	143.5	148.3	154.0
C180.0	121.0	125.2	129.6	133.1	136.5	138.3	140.9	143.5	148.3	152.2
C202.5	120.2	125.8	130.6	134.1	138.0	140.6	143.2	145.9	149.3	153.7
C225.0	115.2	122.2	127.0	131.3	135.2	138.3	140.4	143.1	148.4	152.7
C247.5	123.1	127.0	130.4	133.1	136.1	138.3	140.1	142.7	146.6	151.0
C270.0	132.1	135.3	141.4	146.1	149.2	152.3	154.0	155.7	159.6	164.4
C292.5	135.3	139.2	141.8	145.3	147.0	149.6	152.3	157.4	160.9	166.1
C315.0	133.9	135.6	138.7	141.2	146.5	148.2	151.2	155.6	159.6	165.1
C337.5	131.5	133.8	138.1	142.6	146.4	149.5	153.9	160.7	163.0	166.4
C360.0	132.4	136.0	140.3	143.4	146.9	151.2	153.0	156.0	160.0	165.5
C\G	G170.0	G171.0	G172.0	G173.0	G174.0	G175.0	G176.0	G177.0	G178.0	G179.0
C0.0	170.3	176.0	179.9	181.7	184.3	185.2	184.8	185.2	183.9	183.9
C22.5	169.6	173.2	174.5	178.0	181.0	181.0	181.0	181.0	181.0	181.5
C45.0	174.0	177.5	180.5	184.5	188.9	190.2	190.2	190.6	191.0	191.5
C67.5	171.3	174.4	175.3	178.0	183.1	184.0	185.8	186.7	187.5	188.4
C90.0	156.2	158.4	162.8	166.7	167.6	170.6	172.8	178.8	182.8	184.5
C112.5	158.4	161.0	163.2	166.7	167.2	168.9	172.0	178.1	182.3	185.0
C135.0	159.2	160.4	162.2	167.0	170.1	174.5	179.3	183.9	184.0	187.0
C157.5	157.4	161.0	164.3	168.7	173.1	178.2	182.7	186.9	188.3	188.7
C180.0	156.1	157.4	159.7	164.4	167.5	171.8	176.2	183.9	184.7	184.3
C202.5	155.3	155.8	157.2	162.0	166.3	171.6	175.9	181.6	183.7	183.7
C225.0	156.6	157.5	159.2	163.2	167.5	170.2	174.6	180.1	181.9	182.3
C247.5	155.3	157.0	160.6	165.0	168.8	171.9	176.6	181.5	183.3	185.3
C270.0	166.6	169.2	170.6	174.0	182.1	186.7	187.9	188.0	188.8	188.9
C292.5	170.1	174.0	174.9	180.0	183.2	185.8	187.1	188.0	188.0	188.0
C315.0	169.9	174.3	176.9	180.4	186.8	188.7	188.3	188.3	188.7	189.1
C337.5	171.2	175.2	179.4	182.9	188.1	188.6	189.1	187.4	184.8	184.7
C360.0	170.3	176.0	179.9	181.7	184.3	185.2	184.8	185.2	183.9	183.9
C\G	G180.0									
C0.0	183.9									
C22.5	183.9									
C45.0	183.9									
C67.5	183.9									
C90.0	183.9									
C112.5	183.9									
C135.0	183.9									
C157.5	183.9									
C180.0	183.9									
C202.5	183.9									
C225.0	183.9									

Light intensity data Unit[cd]

C247.5	183.9									
C270.0	183.9									
C292.5	183.9									
C315.0	183.9									
C337.5	183.9									
C360.0	183.9									

Zonal Luminous Flux Data

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
0.0	88699.38	0.00	0.00	0.00	0.00
0.0-1.0	88632.85	84.85	84.85	0.11	0.11
1.0-2.0	88433.99	254.14	338.99	0.32	0.43
2.0-3.0	88112.85	422.24	761.24	0.53	0.96
3.0-4.0	87653.98	588.35	1349.58	0.74	1.70
4.0-5.0	87076.04	751.68	2101.26	0.94	2.64
5.0-6.0	86362.06	911.46	3012.73	1.14	3.78
6.0-7.0	85526.00	1066.91	4079.63	1.34	5.12
7.0-8.0	84567.88	1217.33	5296.96	1.53	6.65
8.0-9.0	83464.98	1361.82	6658.78	1.71	8.36
9.0-10.0	82238.55	1499.56	8158.33	1.88	10.25
10.0-11.0	80867.66	1629.77	9788.10	2.05	12.29
11.0-12.0	79357.85	1751.49	11539.59	2.20	14.49
12.0-13.0	77705.02	1863.94	13403.53	2.34	16.83
13.0-14.0	75908.80	1966.24	15369.78	2.47	19.30
14.0-15.0	73972.51	2057.64	17427.42	2.58	21.89
15.0-16.0	71860.63	2136.86	19564.28	2.68	24.57
16.0-17.0	69620.95	2203.25	21767.53	2.77	27.34
17.0-18.0	67238.20	2256.51	24024.04	2.83	30.17
18.0-19.0	64714.61	2295.71	26319.75	2.88	33.06
19.0-20.0	62063.23	2320.39	28640.13	2.91	35.97
20.0-21.0	59317.05	2330.75	30970.88	2.93	38.90
21.0-22.0	56465.97	2326.71	33297.59	2.92	41.82
22.0-23.0	53511.99	2307.64	35605.22	2.90	44.72
23.0-24.0	50515.03	2274.40	37879.62	2.86	47.58
24.0-25.0	47487.41	2228.36	40107.98	2.80	50.38
25.0-26.0	44433.19	2169.80	42277.77	2.73	53.10
26.0-27.0	41383.52	2099.53	44377.30	2.64	55.74
27.0-28.0	38383.44	2019.53	46396.82	2.54	58.27
28.0-29.0	35445.10	1931.56	48328.39	2.43	60.70
29.0-30.0	32595.34	1837.08	50165.47	2.31	63.01
30.0-31.0	29931.91	1740.04	51905.51	2.19	65.19
31.0-32.0	27428.80	1643.32	53548.83	2.06	67.26
32.0-33.0	25045.28	1545.91	55094.73	1.94	69.20
33.0-34.0	22803.88	1448.06	56542.80	1.82	71.02
34.0-35.0	20837.83	1355.35	57898.15	1.70	72.72
35.0-36.0	19095.21	1271.48	59169.63	1.60	74.32
36.0-37.0	17529.00	1194.48	60364.11	1.50	75.82
37.0-38.0	16147.32	1124.07	61488.19	1.41	77.23
38.0-39.0	14902.79	1059.83	62548.02	1.33	78.56
39.0-40.0	13796.03	1000.91	63548.93	1.26	79.82

Zonal Luminous Flux Data

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
40.0-41.0	12816.89	947.67	64496.61	1.19	81.01
41.0-42.0	11897.56	897.92	65394.53	1.13	82.13
42.0-43.0	11047.44	849.95	66244.47	1.07	83.20
43.0-44.0	10287.03	805.22	67049.70	1.01	84.21
44.0-45.0	9586.03	763.74	67813.43	0.96	85.17
45.0-46.0	8938.97	724.47	68537.91	0.91	86.08
46.0-47.0	8335.13	687.04	69224.93	0.86	86.95
47.0-48.0	7774.62	651.24	69876.18	0.82	87.76
48.0-49.0	7245.03	616.79	70492.98	0.77	88.54
49.0-50.0	6754.79	583.70	71076.66	0.73	89.27
50.0-51.0	6292.54	552.01	71628.67	0.69	89.96
51.0-52.0	5859.88	521.47	72150.13	0.65	90.62
52.0-53.0	5457.47	492.30	72642.44	0.62	91.24
53.0-54.0	5081.56	464.52	73106.96	0.58	91.82
54.0-55.0	4733.37	438.12	73545.09	0.55	92.37
55.0-56.0	4405.82	412.97	73958.07	0.52	92.89
56.0-57.0	4103.24	389.05	74347.13	0.49	93.38
57.0-58.0	3823.47	366.56	74713.68	0.46	93.84
58.0-59.0	3564.49	345.39	75059.08	0.43	94.27
59.0-60.0	3327.69	325.61	75384.68	0.41	94.68
60.0-61.0	3106.64	307.06	75691.75	0.39	95.07
61.0-62.0	2902.86	289.57	75981.33	0.36	95.43
62.0-63.0	2714.30	273.19	76254.52	0.34	95.77
63.0-64.0	2540.37	257.84	76512.36	0.32	96.10
64.0-65.0	2377.56	243.38	76755.74	0.31	96.40
65.0-66.0	2224.14	229.60	76985.34	0.29	96.69
66.0-67.0	2081.23	216.49	77201.82	0.27	96.96
67.0-68.0	1945.21	203.97	77405.80	0.26	97.22
68.0-69.0	1816.64	191.91	77597.73	0.24	97.46
69.0-70.0	1692.56	180.23	77777.95	0.23	97.69
70.0-71.0	1572.24	168.74	77946.71	0.21	97.90
71.0-72.0	1457.26	157.52	78104.23	0.20	98.10
72.0-73.0	1346.97	146.64	78250.87	0.18	98.28
73.0-74.0	1240.09	136.01	78386.88	0.17	98.45
74.0-75.0	1138.38	125.67	78512.55	0.16	98.61
75.0-76.0	1042.34	115.76	78628.33	0.15	98.76
76.0-77.0	950.34	106.24	78734.57	0.13	98.89
77.0-78.0	864.94	97.17	78831.74	0.12	99.01
78.0-79.0	783.00	88.54	78920.29	0.11	99.12
79.0-80.0	706.42	80.30	79000.58	0.10	99.22
80.0-81.0	635.96	72.59	79073.17	0.09	99.31

Zonal Luminous Flux Data

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
81.0-82.0	568.96	65.34	79138.52	0.08	99.40
82.0-83.0	506.56	58.47	79197.00	0.07	99.47
83.0-84.0	447.20	51.96	79248.95	0.07	99.54
84.0-85.0	389.73	45.68	79294.63	0.06	99.59
85.0-86.0	332.79	39.49	79334.12	0.05	99.64
86.0-87.0	273.34	33.17	79367.30	0.04	99.68
87.0-88.0	210.38	26.50	79393.79	0.03	99.72
88.0-89.0	143.09	19.37	79413.16	0.02	99.74
89.0-90.0	74.01	11.90	79425.07	0.01	99.76
90.0-91.0	13.21	4.78	79429.86	0.01	99.76
91.0-92.0	2.77	0.88	79430.73	0.00	99.76
92.0-93.0	2.44	0.29	79431.01	0.00	99.76
93.0-94.0	2.42	0.27	79431.28	0.00	99.76
94.0-95.0	2.49	0.27	79431.56	0.00	99.77
95.0-96.0	2.48	0.27	79431.85	0.00	99.77
96.0-97.0	2.55	0.27	79432.15	0.00	99.77
97.0-98.0	3.66	0.34	79432.51	0.00	99.77
98.0-99.0	8.35	0.65	79433.16	0.00	99.77
99.0-100.0	9.53	0.97	79434.13	0.00	99.77
100.0-101.0	11.08	1.11	79435.24	0.00	99.77
101.0-102.0	9.89	1.13	79436.36	0.00	99.77
102.0-103.0	7.58	0.94	79437.30	0.00	99.77
103.0-104.0	8.37	0.85	79438.17	0.00	99.77
104.0-105.0	10.31	0.99	79439.16	0.00	99.77
105.0-106.0	9.15	1.03	79440.19	0.00	99.78
106.0-107.0	6.77	0.84	79441.01	0.00	99.78
107.0-108.0	4.58	0.59	79441.60	0.00	99.78
108.0-109.0	4.32	0.46	79442.05	0.00	99.78
109.0-110.0	4.50	0.46	79442.52	0.00	99.78
110.0-111.0	4.79	0.48	79442.98	0.00	99.78
111.0-112.0	4.96	0.50	79443.48	0.00	99.78
112.0-113.0	5.18	0.51	79444.00	0.00	99.78
113.0-114.0	5.42	0.53	79444.52	0.00	99.78
114.0-115.0	5.64	0.55	79445.08	0.00	99.78
115.0-116.0	5.88	0.57	79445.64	0.00	99.78
116.0-117.0	6.10	0.59	79446.22	0.00	99.78
117.0-118.0	6.51	0.61	79446.84	0.00	99.78
118.0-119.0	6.73	0.64	79447.47	0.00	99.79
119.0-120.0	7.24	0.67	79448.13	0.00	99.79
120.0-121.0	7.89	0.72	79448.84	0.00	99.79
121.0-122.0	8.62	0.77	79449.63	0.00	99.79

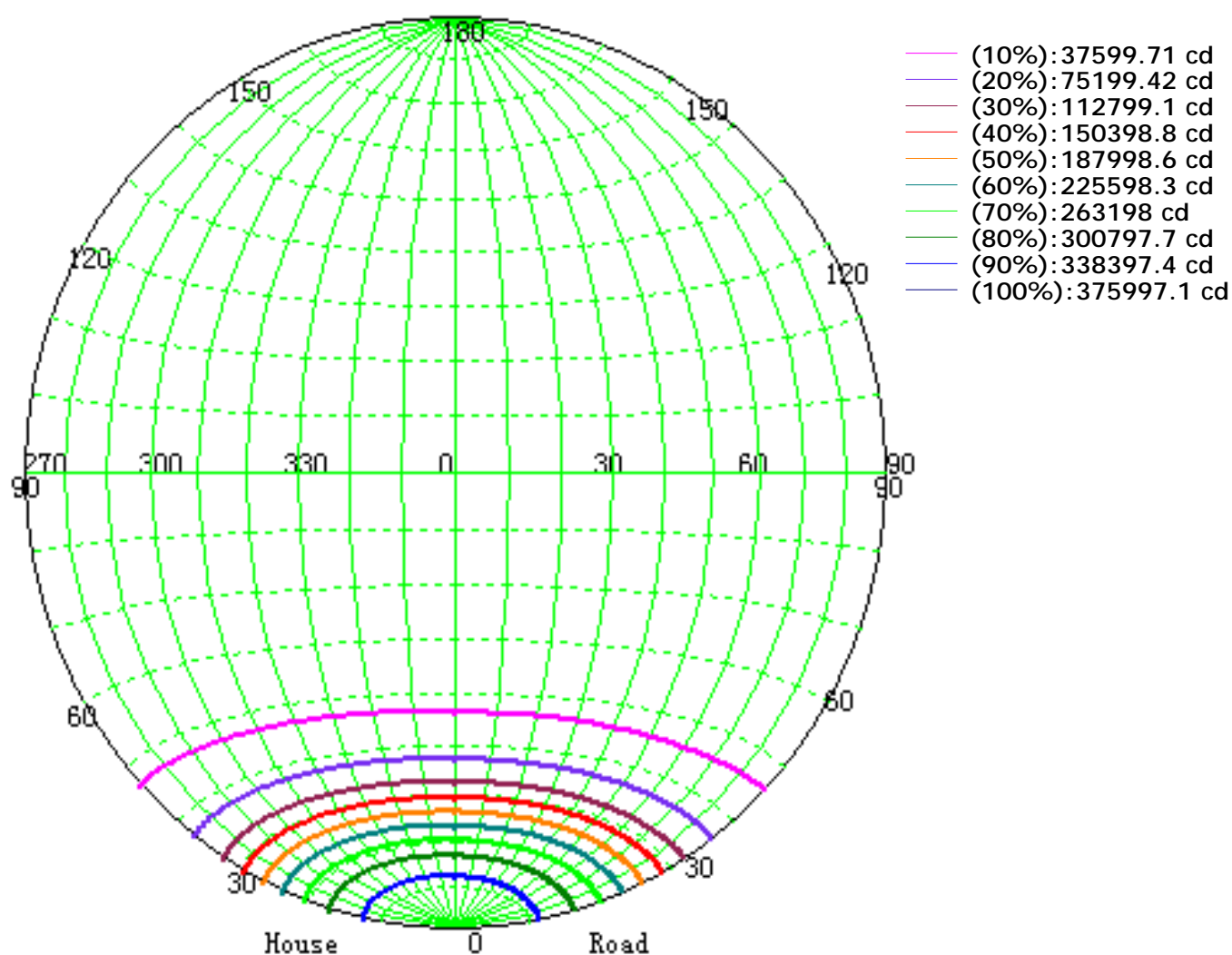
Zonal Luminous Flux Data

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
122.0-123.0	9.36	0.83	79450.45	0.00	99.79
123.0-124.0	10.35	0.90	79451.34	0.00	99.79
124.0-125.0	10.83	0.96	79452.30	0.00	99.79
125.0-126.0	11.81	1.01	79453.30	0.00	99.79
126.0-127.0	12.44	1.07	79454.37	0.00	99.79
127.0-128.0	13.27	1.12	79455.48	0.00	99.80
128.0-129.0	14.12	1.18	79456.67	0.00	99.80
129.0-130.0	15.34	1.25	79457.91	0.00	99.80
130.0-131.0	16.28	1.32	79459.23	0.00	99.80
131.0-132.0	17.61	1.39	79460.63	0.00	99.80
132.0-133.0	19.93	1.52	79462.14	0.00	99.80
133.0-134.0	22.09	1.67	79463.80	0.00	99.81
134.0-135.0	23.80	1.79	79465.61	0.00	99.81
135.0-136.0	26.05	1.92	79467.55	0.00	99.81
136.0-137.0	27.81	2.03	79469.59	0.00	99.81
137.0-138.0	30.32	2.15	79471.73	0.00	99.82
138.0-139.0	33.53	2.32	79474.05	0.00	99.82
139.0-140.0	37.22	2.52	79476.57	0.00	99.82
140.0-141.0	40.95	2.73	79479.29	0.00	99.82
141.0-142.0	45.19	2.94	79482.22	0.00	99.83
142.0-143.0	49.44	3.16	79485.36	0.00	99.83
143.0-144.0	53.65	3.36	79488.72	0.00	99.84
144.0-145.0	58.20	3.56	79492.27	0.00	99.84
145.0-146.0	62.96	3.76	79496.03	0.00	99.85
146.0-147.0	67.80	3.96	79499.98	0.00	99.85
147.0-148.0	72.87	4.14	79504.13	0.01	99.86
148.0-149.0	78.03	4.32	79508.45	0.01	99.86
149.0-150.0	83.40	4.49	79512.93	0.01	99.87
150.0-151.0	88.61	4.64	79517.59	0.01	99.87
151.0-152.0	93.59	4.77	79522.37	0.01	99.88
152.0-153.0	98.29	4.86	79527.23	0.01	99.89
153.0-154.0	102.81	4.92	79532.14	0.01	99.89
154.0-155.0	107.50	4.96	79537.11	0.01	99.90
155.0-156.0	111.70	4.98	79542.09	0.01	99.90
156.0-157.0	115.60	4.97	79547.09	0.01	99.91
157.0-158.0	118.94	4.92	79551.99	0.01	99.92
158.0-159.0	123.15	4.86	79556.85	0.01	99.92
159.0-160.0	127.19	4.81	79561.66	0.01	99.93
160.0-161.0	130.98	4.73	79566.37	0.01	99.93
161.0-162.0	135.07	4.63	79570.99	0.01	99.94
162.0-163.0	138.43	4.51	79575.49	0.01	99.95

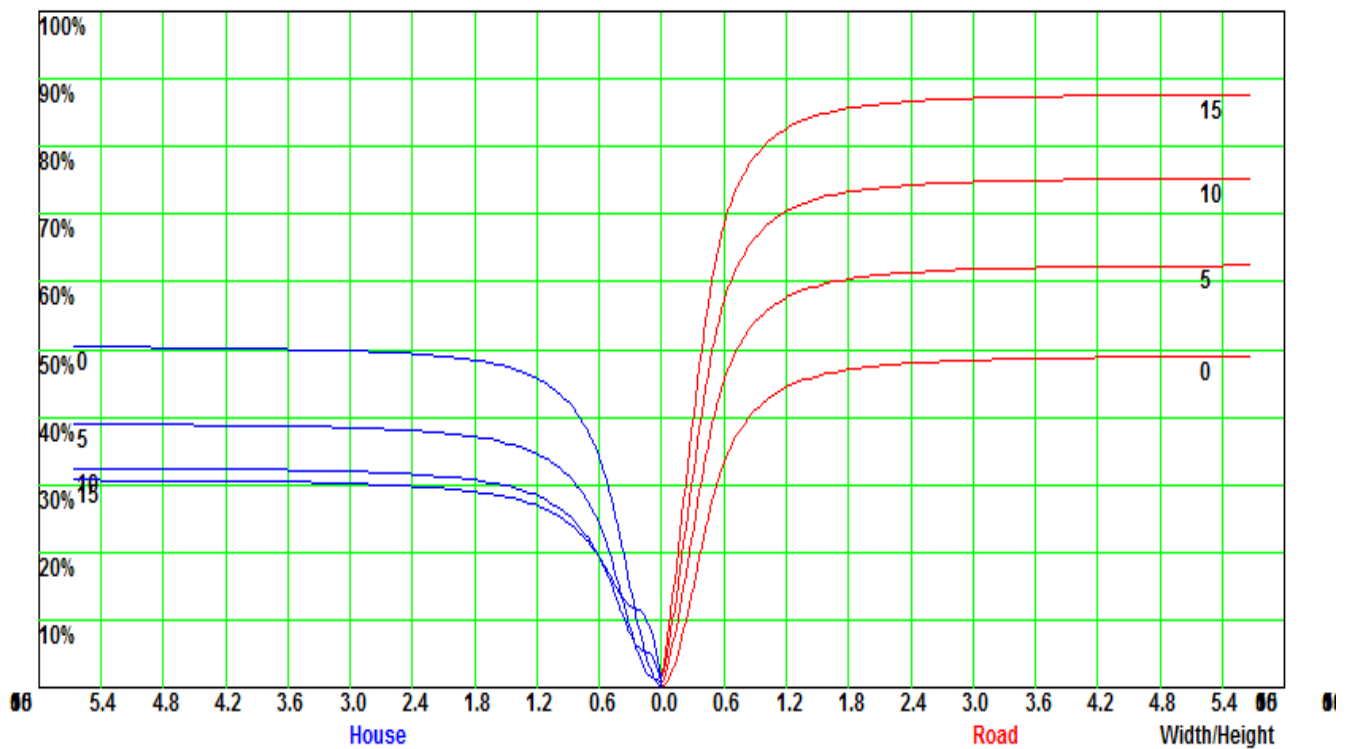
Zonal Luminous Flux Data

[illegible]

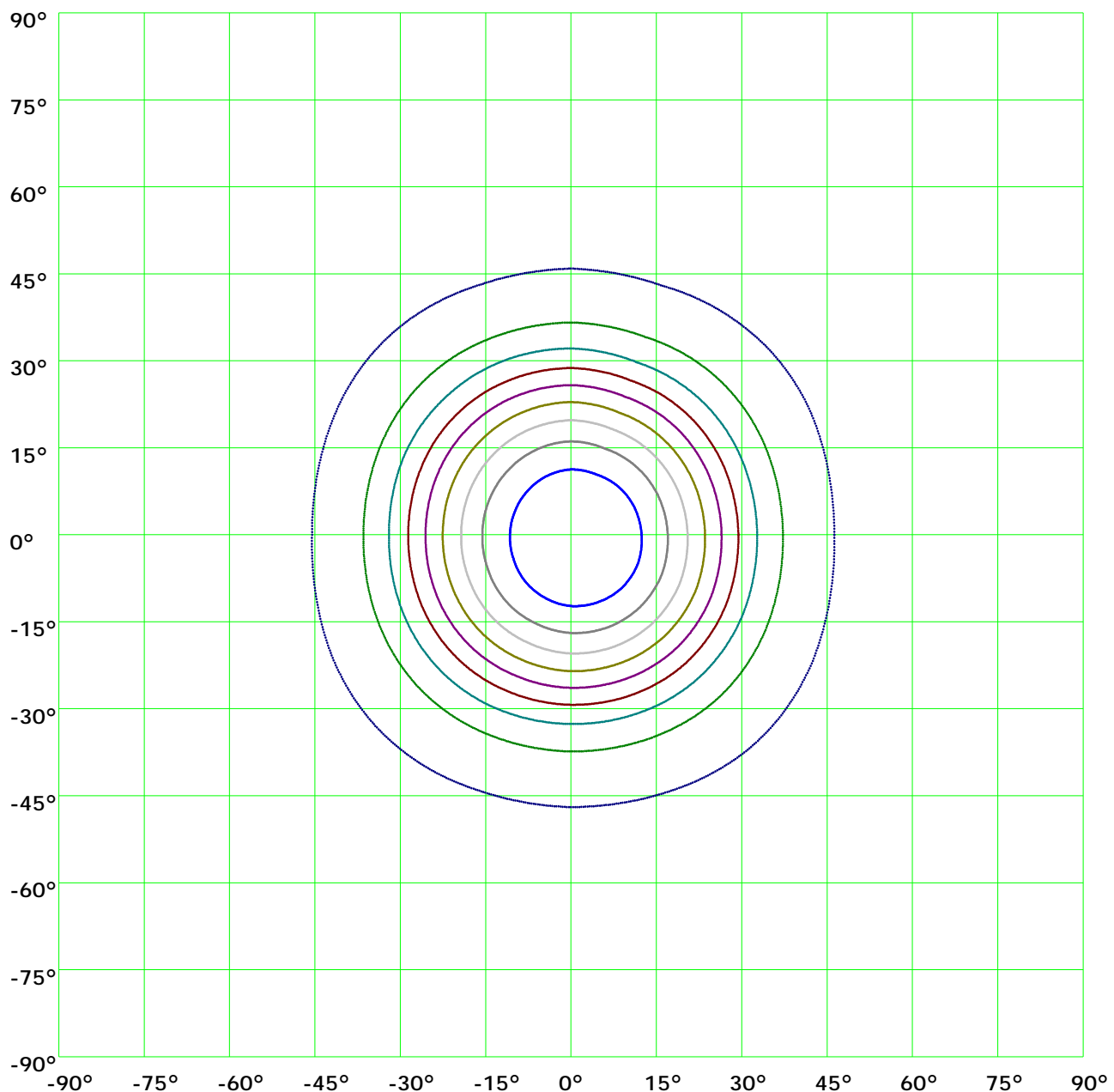
Iso-Candela [cd]



Coefficient Utilization Curve

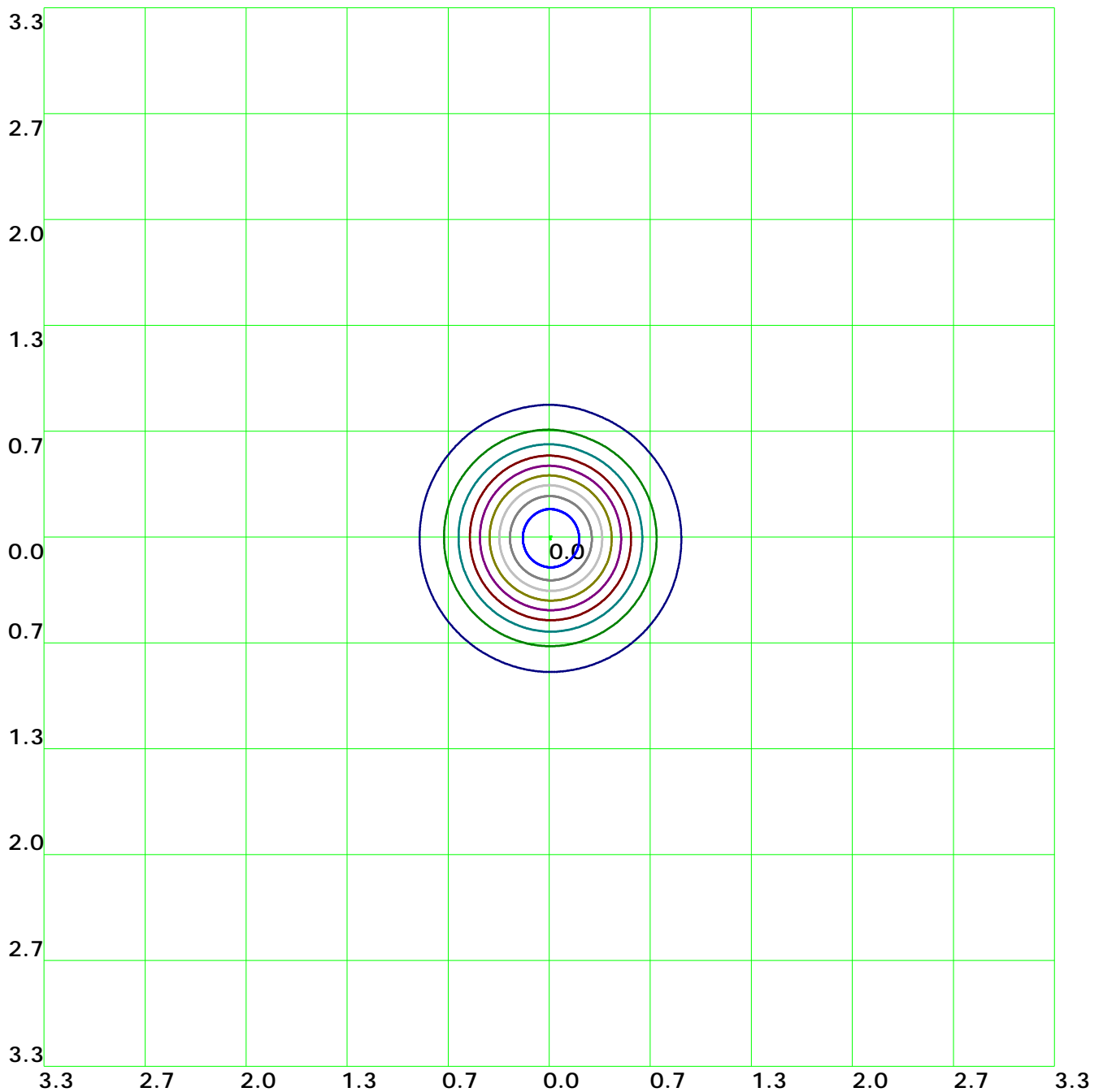


Isocandela(rectangle)



—(10%): 8879.6cd —(20%): 17759.2cd —(30%): 26638.8cd —(40%): 35518.3cd
—(50%): 44397.9cd —(60%): 53277.5cd —(70%): 62157.1cd —(80%): 71036.7cd
—(90%): 79916.2cd —(100%): 88795.8cd

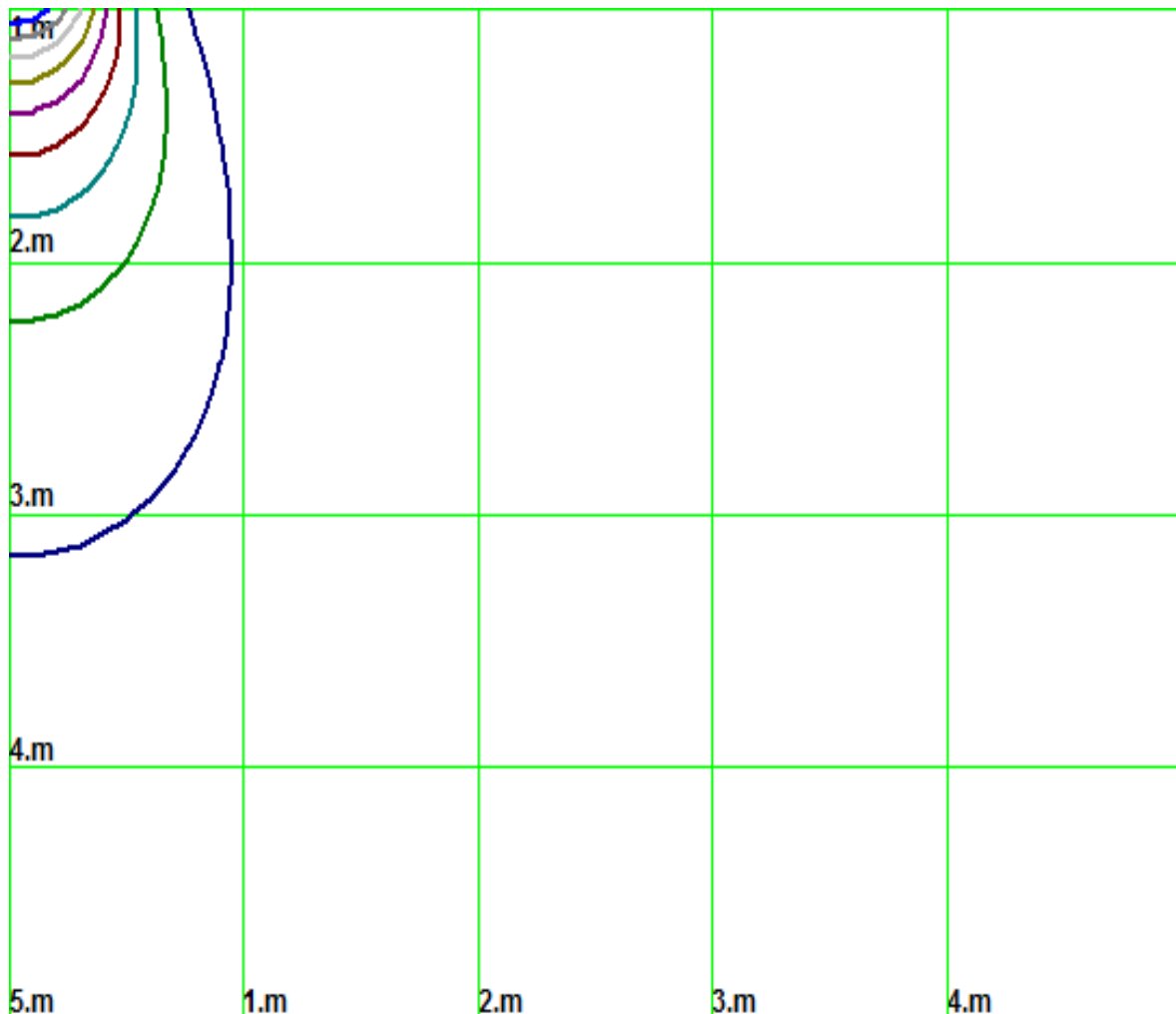
Isolx curve



Height: 1 m

(10%): 8879.6lx	(20%): 17759.2lx	(30%): 26638.8lx	(40%): 35518.3lx
(50%): 44397.9lx	(60%): 53277.5lx	(70%): 62157.1lx	(80%): 71036.7lx
(90%): 79916.2lx	(100%): 88707.1lx		

Space Isolx Curve



(10%): 8879.6lx (20%): 17759.2lx (30%): 26638.8lx (40%): 35518.3lx
 (50%): 44397.9lx (60%): 53277.5lx (70%): 62157.1lx (80%): 71036.7lx
 (90%): 79916.2lx (100%): 88707.1lx

Luminance Limiting Curve

Diameter: .532mm

Length: .532mm

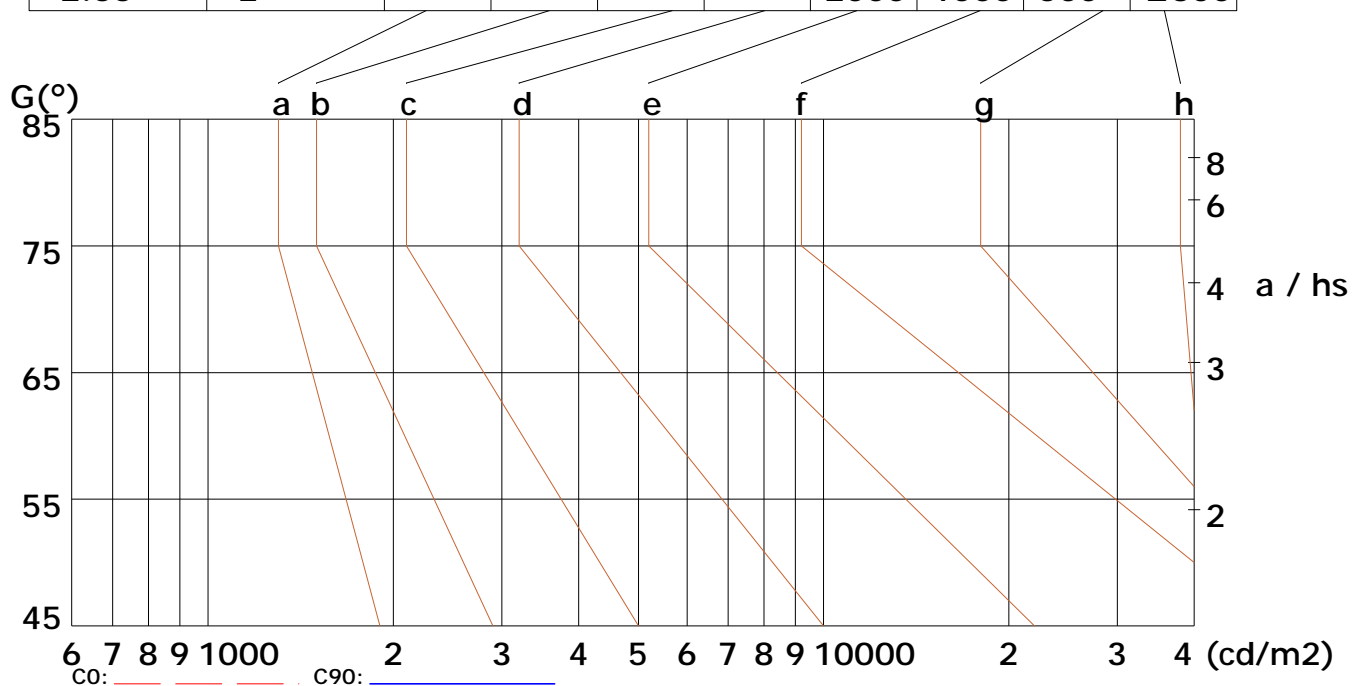
Width: .579mm

Height: .162mm

(cd/m2)

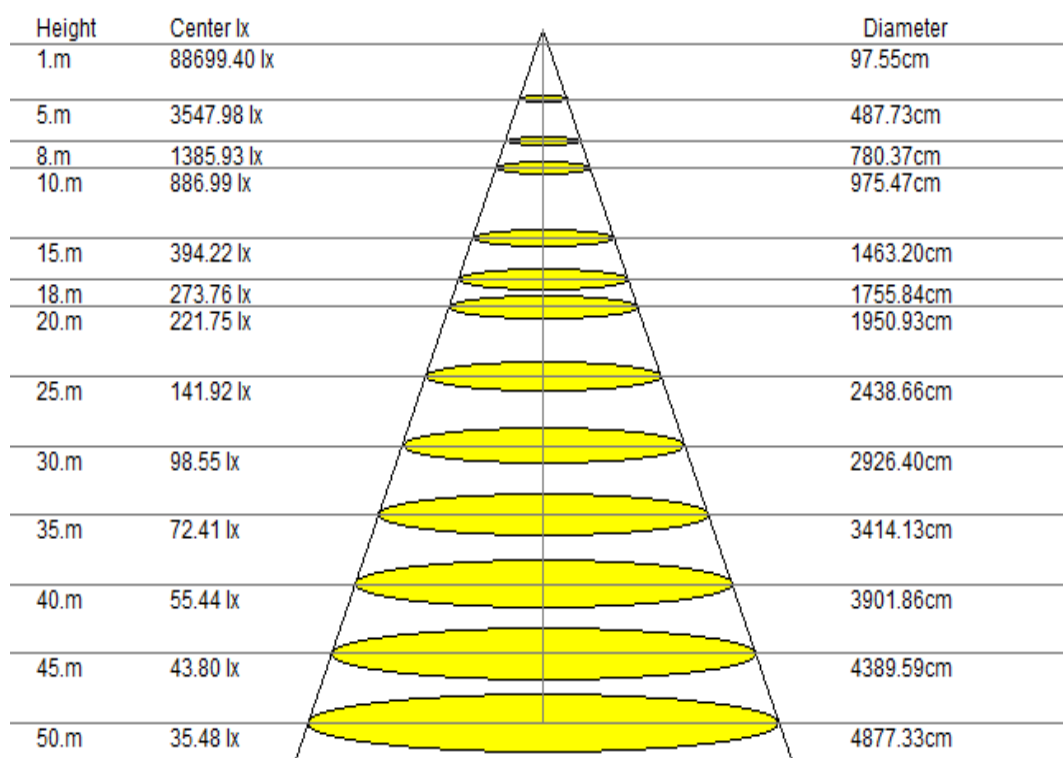
γ	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	33456726049207322173177153391141501133865141606179806								
C90	3437962662952081071625951322041189945107651472265								

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: 52.00°(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	1.12	1.11	1.10	1.10	1.09	1.08	1.06	1.05	1.03	1.01	0.99	0.98	0.94	0.92	0.91	0.86
2	1.03	1.01	1.00	1.01	0.99	0.98	0.98	0.96	0.94	0.93	0.91	0.89	0.88	0.85	0.83	0.78
3	0.94	0.93	0.91	0.93	0.91	0.89	0.91	0.88	0.85	0.87	0.84	0.81	0.82	0.79	0.76	0.71
4	0.87	0.85	0.84	0.86	0.84	0.82	0.84	0.81	0.78	0.81	0.77	0.74	0.77	0.73	0.70	0.66
5	0.81	0.79	0.78	0.80	0.77	0.76	0.78	0.75	0.72	0.76	0.72	0.69	0.73	0.68	0.65	0.61
6	0.75	0.73	0.72	0.74	0.72	0.70	0.73	0.70	0.67	0.71	0.67	0.64	0.69	0.64	0.60	0.56
7	0.70	0.68	0.67	0.70	0.67	0.65	0.69	0.65	0.62	0.67	0.63	0.59	0.65	0.60	0.56	0.52
8	0.65	0.64	0.63	0.65	0.63	0.61	0.64	0.61	0.58	0.63	0.59	0.55	0.61	0.56	0.52	0.49
9	0.62	0.60	0.59	0.61	0.59	0.57	0.61	0.57	0.55	0.60	0.55	0.52	0.58	0.53	0.49	0.46
10	0.58	0.56	0.55	0.58	0.55	0.54	0.57	0.54	0.52	0.56	0.52	0.49	0.55	0.50	0.46	0.43

Indoor Budgetary Estimate Chart

