

Luminaire Property

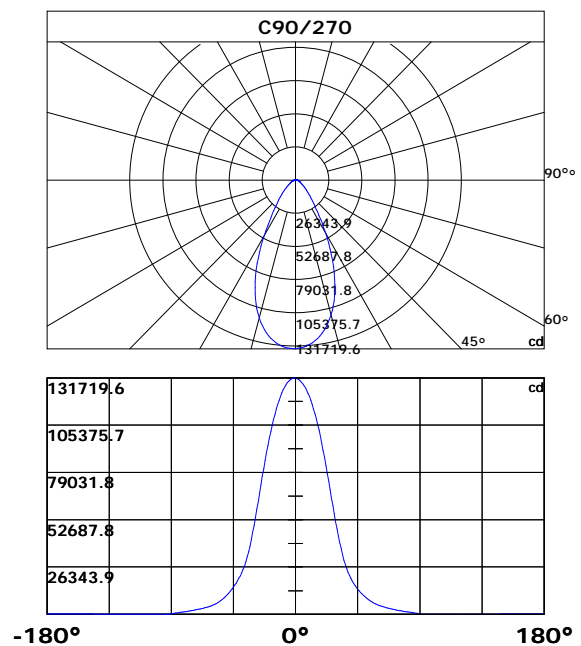
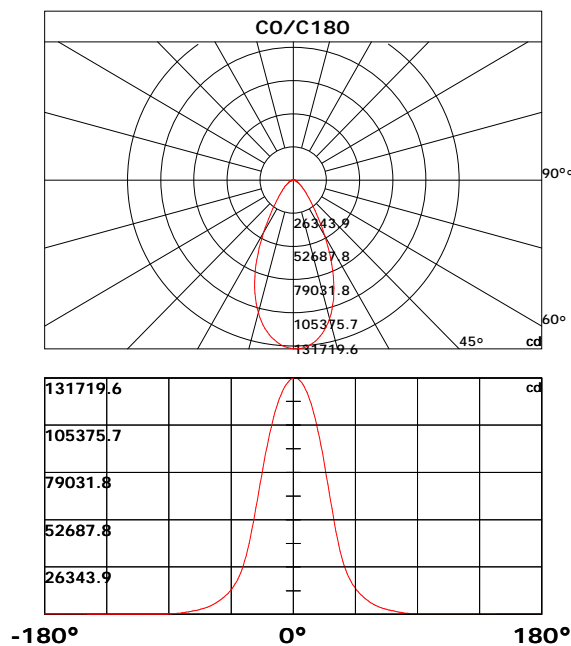
Luminaire Description: T500-720W-60D
Luminaire Category: LED FLOOD LIGHT
Lamp Category:
Lamp Description: CO-T500-720W-60D
Number of Lamp: 1
Lamp Lumens(lm): 118106.2
Luminous Length(m): 0.687
Luminous Width(m): 0.579
Luminous Height(m): 0.199

Voltage: 221.3 V
Current: 2.922 A
Power: 718.5 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: 118106.20 lm
Efficiency: 164.3788 lm/W
Central Intensity: 131576.6cd
Max. Intensity: 131719.647cd
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	131576.6	131719.6	131629.9	131337.9	130826.3	130103.6	129181.8	128076.8	126797.3	125300.8
C22.5	131576.6	131624.5	131447.7	131083.4	130544.6	129753.1	128722.0	127556.4	126213.1	124631.6
C45.0	131576.6	131570.5	131333.3	130900.5	130267.0	129396.5	128335.4	127102.7	125667.2	124060.8
C67.5	131576.6	131452.9	131108.4	130573.2	129852.6	128963.3	127858.7	126562.9	125059.4	123329.1
C90.0	131576.6	131323.8	130917.9	130318.4	129551.8	128626.8	127518.4	126233.5	124776.1	123127.7
C112.5	131576.6	131228.3	130768.8	130140.0	129307.4	128323.2	127122.8	125781.7	124284.1	122534.4
C135.0	131576.6	131225.2	130717.4	130048.3	129110.9	128092.0	126854.4	125432.3	123851.1	122070.2
C157.5	131576.6	131209.5	130664.6	129951.1	129046.7	127984.7	126742.6	125317.7	123716.4	121930.6
C180.0	131576.6	131311.2	130796.9	130094.3	129228.6	128175.7	126939.6	125483.9	123881.3	122045.3
C202.5	131576.6	131351.2	130863.6	130252.1	129380.7	128383.4	127155.6	125839.0	124287.7	122492.7
C225.0	131576.6	131472.2	131132.7	130588.0	129877.9	128962.5	127845.5	126493.6	125012.1	123333.2
C247.5	131576.6	131561.9	131337.1	130918.0	130285.3	129472.7	128485.8	127250.0	125818.5	124175.8
C270.0	131576.6	131563.4	131409.0	131043.8	130513.5	129813.9	128903.7	127829.9	126517.5	124993.9
C292.5	131576.6	131630.3	131498.9	131226.1	130712.9	130040.6	129184.8	128162.2	126893.4	125414.2
C315.0	131576.6	131682.5	131613.6	131363.6	130890.5	130245.9	129409.4	128356.4	127159.8	125750.5
C337.5	131576.6	131719.2	131686.3	131465.6	131016.8	130357.9	129490.1	128428.2	127231.8	125799.2
C360.0	131576.6	131719.6	131629.9	131337.9	130826.3	130103.6	129181.8	128076.8	126797.3	125300.8
C\G	G10.0	G11.0	G12.0	G13.0	G14.0	G15.0	G16.0	G17.0	G18.0	G19.0
C0.0	123612.8	121673.3	119499.8	117172.8	114585.9	111865.7	108679.0	105399.3	101897.7	98188.4
C22.5	122934.8	120969.7	118800.0	116377.1	113733.7	110890.1	107754.3	104419.9	100797.2	97066.1
C45.0	122221.6	120212.5	117962.1	115489.0	112798.3	109849.3	106626.4	103283.6	99620.3	95773.5
C67.5	121395.7	119273.1	116926.0	114358.8	111610.7	108630.8	105399.3	101996.5	98330.7	94548.8
C90.0	121271.1	119198.1	116920.3	114435.5	111758.6	108928.4	105797.6	102496.7	98947.5	95171.3
C112.5	120624.5	118535.9	116213.7	113736.0	111023.2	108143.0	104977.6	101564.0	98076.8	94298.8
C135.0	120103.3	117972.6	115590.2	113085.7	110322.4	107391.7	104225.6	100831.5	97308.1	93612.8
C157.5	119949.3	117763.5	115419.2	112793.6	110068.1	107115.9	103957.1	100637.4	97057.9	93334.0
C180.0	120091.8	117921.8	115547.4	112996.5	110188.0	107207.9	103997.0	100613.6	97138.4	93383.1
C202.5	120535.0	118346.1	115993.0	113425.0	110711.1	107688.9	104561.7	101173.1	97625.1	93888.6
C225.0	121435.2	119337.9	117032.4	114541.8	111817.3	108888.6	105764.4	102454.4	98894.4	95151.7
C247.5	122337.4	120304.3	118047.9	115573.3	112913.6	110025.7	106865.3	103532.1	99968.7	96234.3
C270.0	123293.2	121322.8	119197.2	116837.1	114248.4	111407.1	108396.7	105096.9	101665.3	97946.5
C292.5	123765.0	121859.8	119777.4	117453.9	114910.9	112196.2	109175.3	105965.2	102464.1	98755.9
C315.0	124146.9	122331.9	120307.5	118012.0	115469.9	112750.4	109695.9	106468.3	103034.8	99309.8
C337.5	124163.9	122321.0	120275.5	117992.9	115488.4	112712.3	109694.8	106478.0	103030.3	99297.9
C360.0	123612.8	121673.3	119499.8	117172.8	114585.9	111865.7	108679.0	105399.3	101897.7	98188.4
C\G	G20.0	G21.0	G22.0	G23.0	G24.0	G25.0	G26.0	G27.0	G28.0	G29.0
C0.0	94207.0	90175.7	85977.1	81541.2	77102.0	72542.0	68020.2	63423.8	58929.8	54514.4
C22.5	93070.9	89039.9	84695.7	80363.2	75832.6	71361.8	66699.0	62238.7	57796.5	53353.5
C45.0	91781.9	87611.9	83339.4	78883.5	74404.2	69810.5	65316.4	60706.8	56295.7	51851.4
C67.5	90442.8	86281.7	81981.3	77449.5	73000.9	68407.1	63773.2	59217.5	54729.6	50397.4
C90.0	91292.4	87211.6	82956.8	78617.8	74094.7	69589.2	65022.6	60520.3	56025.8	51656.1

Light intensity data Unit[cd]

C112.5	90404.1	86374.6	82105.9	77769.4	73319.0	68873.6	64444.3	59882.2	55399.4	51137.4
C135.0	89702.8	85614.5	81432.9	77148.7	72796.9	68459.5	64026.2	59546.7	55138.1	50884.8
C157.5	89393.1	85388.9	81281.2	77022.1	72640.5	68296.7	63869.5	59530.5	55232.9	50974.9
C180.0	89495.1	85479.3	81323.9	77035.9	72679.3	68294.5	63865.5	59535.7	55188.0	51008.2
C202.5	90014.6	85940.8	81808.8	77481.3	73128.0	68817.6	64425.3	60049.2	55745.0	51511.8
C225.0	91165.4	87057.4	82874.9	78497.1	74112.5	69742.5	65194.8	60737.6	56322.2	52080.2
C247.5	92290.5	88162.9	83968.0	79608.3	75101.3	70609.4	66028.5	61530.1	57099.3	52760.5
C270.0	94018.9	89940.1	85681.6	81238.8	76788.1	72126.9	67608.6	62944.0	58437.2	54008.0
C292.5	94855.9	90800.9	86549.2	82051.1	77542.8	72943.5	68314.0	63614.6	59075.3	54591.7
C315.0	95448.7	91349.2	87088.7	82641.5	78134.0	73555.2	68920.5	64293.9	59700.6	55205.5
C337.5	95448.4	91424.5	87119.7	82724.7	78266.4	73654.4	69066.0	64440.7	59891.7	55331.9
C360.0	94207.0	90175.7	85977.1	81541.2	77102.0	72542.0	68020.2	63423.8	58929.8	54514.4
C\G	G30.0	G31.0	G32.0	G33.0	G34.0	G35.0	G36.0	G37.0	G38.0	G39.0
C0.0	50180.2	46081.8	42118.0	38546.2	35179.8	32055.9	29351.7	26899.6	24729.0	22733.7
C22.5	49088.2	45035.9	41147.9	37609.1	34311.4	31363.9	28730.1	26317.9	24217.8	22317.9
C45.0	47668.9	43609.4	39826.7	36385.0	33183.0	30305.9	27737.1	25416.5	23377.9	21539.9
C67.5	46228.9	42222.9	38558.6	35247.3	32157.7	29413.0	26892.0	24695.6	22745.8	20954.6
C90.0	47439.5	43500.8	40044.8	36588.8	33135.9	30234.6	27736.6	25479.5	23442.7	21669.4
C112.5	46925.0	43345.4	39765.7	36186.1	32616.2	29751.3	27242.5	24988.2	22992.3	21183.7
C135.0	46759.2	43024.1	39288.9	35576.1	32525.1	29686.4	27209.5	24970.8	22987.4	21201.6
C157.5	46869.5	43330.5	39791.6	36252.7	32733.1	29904.8	27376.2	25091.7	23105.7	21328.9
C180.0	46951.5	43111.5	39465.1	35825.3	32792.0	29967.9	27444.1	25142.1	23146.9	21334.5
C202.5	47388.9	43563.6	40142.5	36721.4	33310.6	30427.0	27929.4	25662.3	23683.3	21900.1
C225.0	47976.0	44008.8	40571.1	37133.3	33702.0	30852.5	28318.5	26007.9	24004.3	22214.6
C247.5	48554.8	44513.4	41054.2	37595.1	34153.8	31244.7	28689.2	26384.4	24349.7	22511.0
C270.0	49632.3	45589.7	41649.8	38108.7	34893.5	31950.8	29347.7	27045.0	24998.2	23171.8
C292.5	50207.0	46077.6	42113.0	38527.2	35232.7	32229.7	29536.7	27163.5	25041.5	23152.9
C315.0	50829.5	46644.9	42652.9	38989.0	35604.3	32556.1	29825.0	27384.8	25223.5	23272.4
C337.5	50930.8	46755.1	42814.8	39142.8	35704.8	32628.6	29846.8	27390.2	25200.5	23221.5
C360.0	50180.2	46081.8	42118.0	38546.2	35179.8	32055.9	29351.7	26899.6	24729.0	22733.7
C\G	G40.0	G41.0	G42.0	G43.0	G44.0	G45.0	G46.0	G47.0	G48.0	G49.0
C0.0	21002.8	19488.8	17978.7	16691.0	15515.8	14424.6	13436.8	12529.4	11673.9	10877.8
C22.5	20796.8	19279.3	17761.9	16505.1	15397.7	14351.1	13383.3	12477.5	11639.0	10843.3
C45.0	19900.5	18408.0	17201.1	15997.5	14793.9	13761.6	12843.5	11985.7	11203.4	10457.1
C67.5	19458.7	17968.9	16672.7	15502.4	14432.2	13449.2	12562.8	11714.6	10946.0	10221.9
C90.0	20039.3	18597.3	17281.6	16100.3	15037.8	14037.4	13095.2	12217.6	11402.3	10643.6
C112.5	19547.0	18118.0	16810.2	15628.7	14561.4	13579.6	12671.3	11832.5	11073.1	10351.6
C135.0	19589.7	18158.5	16863.4	15671.1	14592.4	13596.6	12685.6	11843.7	11054.4	10314.3
C157.5	19714.6	18276.4	16947.3	15755.5	14677.8	13681.6	12763.0	11900.9	11104.1	10360.4
C180.0	19718.7	18289.0	16950.3	15740.3	14639.2	13638.5	12731.4	11867.4	11084.9	10339.5
C202.5	20283.9	18836.8	17505.5	16315.5	15207.8	14176.0	13219.7	12329.5	11508.9	10721.9
C225.0	20554.2	19086.7	17735.0	16492.5	15348.5	14305.4	13333.4	12424.0	11573.6	10773.4

Light intensity data Unit[cd]

C247.5	20851.3	19365.6	17975.7	16735.9	15586.3	14517.0	13527.4	12594.7	11735.7	10918.5
C270.0	21504.8	20126.0	18753.2	17380.4	16217.6	15127.3	14085.8	13111.9	12180.9	11299.1
C292.5	21464.9	20048.0	18638.1	17228.4	16060.3	14970.9	13947.9	13004.0	12112.8	11281.0
C315.0	21545.7	20115.8	18692.9	17270.0	16083.4	14992.1	13972.4	13041.4	12155.6	11314.7
C337.5	21467.6	20037.7	18613.7	17189.6	16004.5	14909.6	13901.5	12954.2	12077.3	11238.0
C360.0	21002.8	19488.8	17978.7	16691.0	15515.8	14424.6	13436.8	12529.4	11673.9	10877.8
C\G	G50.0	G51.0	G52.0	G53.0	G54.0	G55.0	G56.0	G57.0	G58.0	G59.0
C0.0	10156.6	9470.7	8827.0	8217.1	7633.0	7082.7	6558.4	6079.4	5629.0	5210.9
C22.5	10108.0	9413.3	8762.6	8160.7	7584.3	7059.9	6562.5	6088.5	5645.2	5247.5
C45.0	9773.9	9121.5	8519.6	7958.0	7430.1	6941.8	6480.6	6061.8	5668.6	5297.6
C67.5	9562.2	8939.9	8355.5	7805.7	7308.0	6848.2	6410.0	6012.1	5629.0	5284.0
C90.0	9935.5	9263.8	8645.3	8071.7	7541.9	7055.9	6596.8	6184.1	5806.0	5453.4
C112.5	9684.8	9057.4	8469.7	7930.3	7426.5	6959.2	6517.2	6113.5	5737.1	5383.0
C135.0	9624.2	8985.9	8385.5	7832.4	7307.4	6833.4	6389.5	5975.9	5591.5	5227.3
C157.5	9666.7	9015.6	8395.0	7817.9	7289.0	6794.2	6317.4	5873.1	5461.8	5076.2
C180.0	9668.9	9028.4	8426.3	7855.5	7312.9	6800.9	6313.0	5855.7	5432.4	5039.7
C202.5	9983.8	9288.2	8643.2	8050.7	7495.9	6981.4	6485.0	6024.7	5599.5	5202.3
C225.0	10025.8	9337.6	8682.9	8077.1	7511.0	6998.5	6520.9	6072.0	5672.2	5294.7
C247.5	10153.9	9437.8	8761.0	8154.5	7589.0	7067.3	6585.4	6135.2	5733.1	5353.9
C270.0	10478.6	9704.1	8989.5	8324.0	7712.0	7155.8	6639.6	6176.9	5756.9	5374.3
C292.5	10495.6	9760.1	9083.1	8432.5	7830.3	7260.9	6747.3	6268.1	5825.9	5427.7
C315.0	10536.7	9794.8	9102.2	8452.5	7846.7	7284.3	6760.4	6278.7	5830.5	5422.9
C337.5	10465.5	9730.6	9032.5	8389.0	7789.8	7219.3	6685.4	6188.2	5729.0	5305.5
C360.0	10156.6	9470.7	8827.0	8217.1	7633.0	7082.7	6558.4	6079.4	5629.0	5210.9
C\G	G60.0	G61.0	G62.0	G63.0	G64.0	G65.0	G66.0	G67.0	G68.0	G69.0
C0.0	4823.9	4469.4	4141.9	3840.3	3570.4	3315.2	3083.3	2863.3	2655.7	2461.1
C22.5	4873.8	4535.1	4217.0	3920.8	3655.4	3401.7	3165.4	2946.8	2734.2	2534.5
C45.0	4958.0	4637.4	4339.2	4058.1	3795.2	3536.3	3300.0	3071.3	2857.1	2649.2
C67.5	4958.4	4656.8	4383.1	4120.4	3869.5	3641.1	3432.1	3229.5	3031.0	2847.7
C90.0	5137.8	4827.9	4557.5	4305.3	4066.4	3846.5	3631.1	3433.9	3240.1	3055.0
C112.5	5054.6	4742.7	4455.9	4189.3	3941.4	3705.4	3478.5	3270.0	3071.3	2885.2
C135.0	4903.4	4588.7	4291.3	4013.1	3753.2	3508.2	3266.5	3043.9	2831.4	2628.8
C157.5	4727.3	4394.2	4090.7	3810.8	3550.8	3311.1	3082.7	2873.1	2675.4	2487.2
C180.0	4680.2	4345.8	4031.2	3746.7	3485.9	3242.7	3012.6	2804.2	2610.7	2427.5
C202.5	4843.0	4498.9	4183.7	3894.9	3630.7	3385.6	3151.5	2935.9	2733.5	2547.3
C225.0	4952.2	4631.4	4329.5	4051.8	3796.8	3553.0	3313.6	3096.9	2887.3	2696.4
C247.5	5018.6	4699.2	4410.5	4148.5	3898.9	3675.5	3458.6	3260.3	3074.7	2891.4
C270.0	5041.2	4728.7	4453.7	4191.7	3959.4	3745.2	3549.4	3353.7	3171.3	2993.3
C292.5	5051.9	4719.6	4408.3	4132.2	3869.9	3633.5	3417.1	3216.6	3019.5	2837.7
C315.0	5043.7	4700.4	4376.0	4074.9	3799.4	3538.7	3294.8	3068.8	2858.8	2657.4
C337.5	4912.7	4557.9	4227.9	3923.4	3651.0	3390.1	3151.5	2928.6	2716.5	2516.9
C360.0	4823.9	4469.4	4141.9	3840.3	3570.4	3315.2	3083.3	2863.3	2655.7	2461.1

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	2270.9	2091.1	1920.2	1758.2	1601.0	1451.4	1309.5	1171.5	1041.4	912.6
C22.5	2339.2	2151.1	1966.8	1793.6	1630.2	1481.5	1346.8	1217.8	1098.8	985.0
C45.0	2454.0	2262.5	2081.2	1909.0	1741.0	1579.0	1425.3	1272.9	1134.8	1003.4
C67.5	2671.1	2503.8	2339.8	2180.2	2018.5	1864.4	1711.7	1559.8	1418.4	1283.5
C90.0	2871.6	2691.3	2517.9	2357.4	2199.5	2055.8	1924.6	1799.0	1682.1	1568.6
C112.5	2702.5	2526.2	2359.1	2196.3	2029.7	1872.9	1724.8	1578.8	1439.1	1299.2
C135.0	2442.9	2255.7	2078.9	1907.1	1745.5	1586.6	1434.0	1291.9	1166.1	1042.3
C157.5	2304.4	2129.1	1954.3	1787.6	1633.7	1485.6	1347.6	1222.0	1102.0	994.4
C180.0	2249.1	2078.5	1917.6	1766.2	1624.6	1489.1	1357.8	1231.4	1109.9	991.5
C202.5	2363.0	2184.0	2016.7	1853.3	1699.1	1557.6	1426.1	1305.8	1192.4	1087.0
C225.0	2511.5	2332.5	2163.9	1996.5	1835.8	1675.7	1528.2	1386.4	1256.2	1130.7
C247.5	2721.9	2550.0	2389.4	2233.8	2077.0	1920.4	1768.3	1621.9	1485.4	1356.9
C270.0	2819.5	2652.8	2488.4	2329.0	2178.5	2040.1	1912.2	1791.6	1679.7	1572.6
C292.5	2664.3	2500.8	2342.5	2189.9	2033.6	1880.4	1730.3	1588.8	1458.0	1326.4
C315.0	2463.9	2277.1	2099.0	1929.4	1764.2	1605.4	1455.5	1310.1	1175.0	1048.0
C337.5	2322.0	2129.6	1951.7	1782.0	1620.8	1472.7	1336.6	1206.2	1089.5	981.8
C360.0	2270.9	2091.1	1920.2	1758.2	1601.0	1451.4	1309.5	1171.5	1041.4	912.6
C\G	G80.0	G81.0	G82.0	G83.0	G84.0	G85.0	G86.0	G87.0	G88.0	G89.0
C0.0	788.4	679.9	584.5	504.9	435.8	373.7	311.4	247.8	182.8	118.3
C22.5	882.7	785.2	692.0	597.2	505.1	414.5	332.1	252.3	172.0	102.7
C45.0	889.8	790.0	695.1	607.0	522.3	441.2	359.9	279.6	194.9	111.2
C67.5	1157.5	1040.9	926.7	824.4	726.9	631.9	529.2	422.5	302.2	149.4
C90.0	1459.0	1356.1	1250.0	1146.3	1038.0	929.9	822.5	696.9	555.7	376.9
C112.5	1165.9	1046.4	934.7	835.0	741.5	653.9	563.9	460.0	341.0	212.7
C135.0	929.5	829.5	737.2	649.3	566.2	487.9	408.8	330.7	256.1	180.6
C157.5	891.7	794.7	701.9	617.2	538.0	460.6	387.3	317.3	250.5	184.9
C180.0	878.5	773.0	676.7	592.8	527.5	462.5	403.5	341.1	277.3	215.7
C202.5	986.4	893.1	799.0	705.9	614.0	525.1	436.2	351.7	271.8	199.2
C225.0	1013.9	910.0	815.3	727.3	644.6	560.6	481.5	394.5	309.7	235.6
C247.5	1232.3	1119.8	1012.6	919.3	830.4	746.9	670.3	580.5	472.3	345.5
C270.0	1467.9	1364.7	1262.8	1160.1	1057.7	952.6	839.2	715.1	575.3	423.6
C292.5	1204.6	1087.2	975.2	875.6	784.7	700.3	611.9	515.3	400.0	260.2
C315.0	936.0	838.1	749.2	662.1	573.0	488.4	400.0	316.0	238.7	156.0
C337.5	882.3	785.5	691.2	598.5	508.3	419.9	340.8	266.2	192.9	123.7
C360.0	788.4	679.9	584.5	504.9	435.8	373.7	311.4	247.8	182.8	118.3
C\G	G90.0	G91.0	G92.0	G93.0	G94.0	G95.0	G96.0	G97.0	G98.0	G99.0
C0.0	63.4	4.2	3.2	2.6	2.6	2.6	2.6	2.6	2.6	2.6
C22.5	28.1	3.9	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
C45.0	28.8	3.9	3.9	3.2	2.6	2.6	2.6	2.6	2.6	8.9
C67.5	21.0	5.2	4.5	4.5	5.1	5.2	5.2	5.2	5.2	4.5
C90.0	135.6	70.1	4.5	4.5	4.5	5.8	7.7	8.7	32.1	70.8

Light intensity data Unit[cd]

C112.5	90.6	7.1	3.9	3.9	3.9	4.5	5.1	4.5	4.5	5.2
C135.0	107.4	8.4	3.9	3.2	3.2	3.2	3.2	3.2	3.2	3.2
C157.5	120.7	7.6	3.2	2.6	2.6	2.6	2.6	2.6	2.6	2.6
C180.0	151.3	6.4	3.2	3.2	3.2	3.2	2.6	2.6	3.2	3.2
C202.5	117.9	3.9	3.9	3.3	3.0	2.6	2.6	2.6	3.2	3.2
C225.0	156.4	52.1	3.9	3.2	3.2	3.2	3.2	3.2	3.9	3.9
C247.5	193.0	65.6	3.9	3.9	3.9	4.5	4.5	5.2	5.2	7.1
C270.0	294.4	46.5	7.1	5.2	5.2	5.2	3.9	3.9	4.5	69.1
C292.5	114.4	11.9	5.9	5.2	5.2	4.5	4.5	5.0	5.4	4.5
C315.0	77.0	11.4	4.5	3.2	3.2	3.2	2.6	2.6	2.6	3.2
C337.5	56.7	5.1	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
C360.0	63.4	4.2	3.2	2.6	2.6	2.6	2.6	2.6	2.6	2.6
C\G	G100.0	G101.0	G102.0	G103.0	G104.0	G105.0	G106.0	G107.0	G108.0	G109.0
C0.0	2.6	2.6	2.6	3.2	22.1	47.4	53.4	59.4	17.9	8.0
C22.5	3.2	3.2	6.4	29.3	51.6	61.2	28.5	8.8	5.2	5.2
C45.0	18.5	18.9	19.3	6.1	3.9	3.9	3.2	3.2	3.2	3.2
C67.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
C90.0	78.5	86.3	57.4	32.2	11.6	9.1	8.1	7.1	7.1	7.7
C112.5	5.2	7.8	8.4	7.7	7.8	9.0	9.0	9.0	9.7	9.7
C135.0	4.5	4.5	5.2	5.2	5.2	5.8	5.8	6.5	7.1	7.7
C157.5	2.6	3.2	3.2	3.9	4.5	4.5	4.5	4.5	4.5	5.8
C180.0	3.8	3.2	3.9	3.9	5.2	5.8	6.1	6.4	6.5	7.7
C202.5	3.2	3.9	4.2	4.5	6.5	6.5	6.5	7.1	6.5	7.8
C225.0	3.9	3.9	3.9	4.5	5.8	6.5	5.8	6.5	7.1	7.8
C247.5	7.8	8.4	7.8	7.8	8.4	8.4	9.7	9.1	9.1	9.1
C270.0	76.8	84.4	74.0	31.8	12.2	5.8	5.8	5.8	5.8	5.8
C292.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
C315.0	3.8	21.0	26.8	16.5	6.2	3.9	3.2	3.2	3.2	3.2
C337.5	2.6	2.6	2.6	14.0	38.6	57.7	58.1	14.9	6.5	4.5
C360.0	2.6	2.6	2.6	3.2	22.1	47.4	53.4	59.4	17.9	8.0
C\G	G110.0	G111.0	G112.0	G113.0	G114.0	G115.0	G116.0	G117.0	G118.0	G119.0
C0.0	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.7
C22.5	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
C45.0	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
C67.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	5.2	6.4	7.1
C90.0	8.4	9.0	9.7	9.7	11.0	11.0	12.3	12.9	14.2	13.6
C112.5	11.0	11.6	11.0	12.9	12.9	13.6	14.2	16.2	16.8	17.5
C135.0	8.4	9.0	9.7	10.3	11.0	11.6	12.9	12.3	14.2	14.9
C157.5	6.4	7.7	8.4	9.0	9.0	10.3	11.6	12.3	13.6	14.2
C180.0	8.4	9.7	10.3	10.3	12.3	12.9	12.3	12.3	12.3	12.9
C202.5	8.4	9.0	9.7	10.3	11.0	11.0	12.3	12.9	13.6	14.9
C225.0	8.4	10.3	11.0	11.6	11.7	12.9	12.9	13.6	15.5	15.5

Light intensity data Unit[cd]

C247.5	9.7	9.7	10.4	11.0	12.3	12.9	13.6	14.2	14.9	15.5
C270.0	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
C292.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
C315.0	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
C337.5	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
C360.0	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.7
C\G	G120.0	G121.0	G122.0	G123.0	G124.0	G125.0	G126.0	G127.0	G128.0	G129.0
C0.0	7.7	10.3	11.5	14.1	18.6	21.3	21.3	23.9	24.5	23.2
C22.5	5.8	8.3	10.3	11.0	11.6	11.0	14.2	14.9	18.7	20.0
C45.0	3.9	3.2	5.2	9.0	11.6	11.6	12.3	12.9	14.2	15.5
C67.5	10.3	10.3	11.0	11.6	12.3	14.2	19.3	21.4	21.4	23.2
C90.0	14.2	15.5	16.2	16.2	16.2	17.5	19.4	20.1	21.4	22.7
C112.5	18.7	18.8	20.6	20.7	21.9	22.6	23.2	24.5	25.8	27.8
C135.0	15.5	16.2	16.8	17.5	18.0	18.0	18.8	20.6	21.3	23.2
C157.5	15.5	15.5	16.2	17.4	17.4	18.8	20.1	21.3	20.6	20.7
C180.0	14.2	17.5	18.7	18.8	20.0	20.1	21.9	21.9	21.9	21.9
C202.5	16.2	16.8	16.8	18.1	18.7	18.8	21.3	21.3	21.9	22.0
C225.0	16.2	18.1	18.8	18.8	19.4	19.4	21.4	22.0	23.3	24.6
C247.5	15.5	16.8	17.5	18.1	18.1	19.4	20.7	20.7	22.0	24.0
C270.0	5.8	5.8	5.8	5.8	9.6	11.0	11.0	11.6	12.9	14.8
C292.5	4.5	4.5	5.1	6.4	9.0	9.7	9.7	11.6	13.6	15.4
C315.0	3.9	4.5	5.8	8.9	10.9	11.6	12.3	12.3	14.2	17.4
C337.5	3.9	5.1	8.3	9.7	12.3	12.3	13.6	14.2	17.3	18.7
C360.0	7.7	10.3	11.5	14.1	18.6	21.3	21.3	23.9	24.5	23.2
C\G	G130.0	G131.0	G132.0	G133.0	G134.0	G135.0	G136.0	G137.0	G138.0	G139.0
C0.0	22.6	23.2	23.2	38.8	42.6	46.4	50.9	46.5	46.5	51.5
C22.5	20.6	22.6	25.1	30.9	31.6	32.9	36.1	41.3	45.2	52.2
C45.0	18.7	20.7	21.4	22.7	25.7	29.1	33.0	35.6	40.0	45.9
C67.5	25.2	28.3	29.7	31.7	31.7	34.8	38.8	42.7	49.8	54.9
C90.0	25.3	27.1	28.4	31.7	33.6	37.5	40.1	43.9	47.8	52.3
C112.5	29.1	30.5	33.6	36.1	38.7	40.7	42.0	43.9	47.3	51.0
C135.0	24.5	25.8	27.1	28.4	31.0	32.9	35.5	37.5	40.8	43.9
C157.5	21.9	23.3	27.8	29.0	31.7	35.5	39.3	40.6	43.9	47.1
C180.0	21.9	22.6	23.2	26.8	37.5	40.7	44.5	45.2	45.8	49.1
C202.5	24.0	26.5	26.6	28.4	30.4	31.0	34.9	38.7	42.6	47.3
C225.0	25.9	26.6	29.2	31.8	33.7	37.0	39.5	42.2	45.4	49.2
C247.5	24.6	25.9	29.2	30.5	33.7	36.9	39.5	42.1	45.4	49.2
C270.0	19.3	20.0	22.5	24.5	29.6	31.6	35.5	39.3	44.5	50.3
C292.5	20.0	20.6	22.6	25.2	30.3	31.6	35.4	40.6	44.5	50.3
C315.0	20.0	20.6	23.1	26.5	30.2	32.2	34.8	38.6	42.5	48.2
C337.5	20.6	21.9	25.2	30.1	32.2	34.2	38.6	41.3	47.5	53.4
C360.0	22.6	23.2	23.2	38.8	42.6	46.4	50.9	46.5	46.5	51.5

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	58.6	64.4	70.9	78.0	81.8	89.6	101.6	107.0	114.8	122.5
C22.5	60.6	66.4	74.1	80.7	87.1	94.8	101.4	109.7	116.7	123.2
C45.0	53.5	60.6	69.7	76.8	84.7	93.6	102.2	112.3	119.6	129.2
C67.5	60.6	67.7	75.0	82.1	90.6	96.3	102.7	109.7	117.0	124.0
C90.0	56.9	61.4	65.4	70.5	76.8	82.8	88.6	95.7	102.7	109.8
C112.5	54.9	59.5	64.0	69.2	74.4	80.1	86.1	93.0	99.6	107.3
C135.0	48.4	52.3	57.5	62.7	68.5	74.4	80.1	86.6	94.4	101.4
C157.5	49.6	56.1	61.3	65.9	71.7	77.5	83.3	90.3	96.8	104.6
C180.0	52.3	56.2	61.2	66.5	73.6	78.9	84.0	90.4	97.6	104.0
C202.5	52.3	56.9	63.3	69.2	75.6	81.5	87.2	93.2	100.1	107.9
C225.0	53.8	58.2	62.9	68.1	72.6	78.4	84.8	91.3	100.4	107.7
C247.5	53.9	58.4	64.1	69.4	75.1	81.0	86.9	93.2	100.5	107.5
C270.0	57.4	64.9	72.9	81.3	87.7	94.8	101.9	110.1	117.5	126.4
C292.5	57.8	64.5	71.5	78.6	85.8	93.6	102.5	109.5	118.0	127.0
C315.0	53.4	59.3	66.8	75.2	81.1	90.2	99.7	108.9	117.8	126.4
C337.5	59.3	65.0	72.1	79.3	86.2	94.0	101.2	108.2	116.1	123.1
C360.0	58.6	64.4	70.9	78.0	81.8	89.6	101.6	107.0	114.8	122.5
C\G	G150.0	G151.0	G152.0	G153.0	G154.0	G155.0	G156.0	G157.0	G158.0	G159.0
C0.0	129.5	136.7	143.0	148.3	154.7	161.1	166.9	174.1	181.8	188.8
C22.5	130.3	137.4	143.8	149.6	155.5	163.3	169.0	176.3	184.6	190.3
C45.0	138.4	147.3	155.2	162.9	170.1	177.9	183.1	186.9	190.1	195.9
C67.5	133.0	139.0	146.1	155.1	159.8	167.5	175.2	179.8	184.9	189.5
C90.0	118.2	125.9	135.1	143.4	151.1	156.8	163.4	169.8	174.4	181.4
C112.5	113.0	120.9	129.1	136.9	144.7	152.4	158.2	164.1	168.5	174.4
C135.0	110.5	118.3	127.1	135.0	143.2	149.7	155.0	161.5	167.2	172.8
C157.5	112.4	121.4	129.2	137.4	143.8	150.4	156.8	163.3	169.2	177.4
C180.0	111.2	119.4	125.2	127.0	129.9	141.3	154.8	162.0	167.2	173.6
C202.5	115.7	124.0	131.9	140.9	149.2	155.1	158.2	161.4	164.2	171.1
C225.0	115.3	122.5	129.4	136.0	141.2	145.0	148.2	151.5	155.3	162.6
C247.5	115.3	123.8	132.1	140.6	149.0	156.0	161.2	165.8	170.9	176.7
C270.0	134.8	143.0	150.3	156.7	163.3	169.7	176.7	181.3	185.1	190.4
C292.5	135.4	143.7	151.6	158.6	166.4	173.6	180.1	185.8	191.5	196.2
C315.0	134.6	142.5	148.9	155.5	162.9	169.5	175.9	184.5	188.3	195.3
C337.5	132.0	137.3	143.1	148.9	155.4	162.4	168.2	176.0	179.8	186.3
C360.0	129.5	136.7	143.0	148.3	154.7	161.1	166.9	174.1	181.8	188.8
C\G	G160.0	G161.0	G162.0	G163.0	G164.0	G165.0	G166.0	G167.0	G168.0	G169.0
C0.0	196.4	201.7	208.2	212.6	217.9	224.3	227.0	231.4	237.3	245.5
C22.5	196.9	201.4	206.6	209.7	215.0	216.9	219.5	227.2	236.2	245.8
C45.0	197.9	201.2	207.0	212.2	219.1	223.1	229.0	238.1	243.8	251.1
C67.5	196.0	200.5	207.6	215.2	220.5	226.4	231.0	237.4	242.5	248.3
C90.0	187.9	193.6	199.5	201.4	206.0	210.5	213.6	217.6	224.0	226.5

Light intensity data Unit[cd]

C112.5	180.3	188.0	194.4	199.5	205.3	209.9	214.4	217.6	224.1	229.2
C135.0	178.7	184.6	189.7	194.3	200.7	205.3	209.1	214.4	220.7	229.1
C157.5	183.2	189.0	194.2	198.7	202.6	206.4	209.6	212.9	220.0	228.4
C180.0	179.4	185.8	192.3	197.5	202.5	205.1	209.1	212.8	220.0	225.7
C202.5	178.3	186.6	193.7	198.9	204.8	208.6	212.5	216.5	221.5	228.0
C225.0	170.8	181.3	188.4	194.8	200.6	205.2	208.3	212.3	220.2	226.5
C247.5	182.6	188.4	193.5	197.4	201.9	205.2	207.8	211.8	217.4	223.9
C270.0	196.0	200.7	209.7	216.8	221.3	225.9	228.4	231.0	236.7	243.9
C292.5	200.7	206.5	210.3	215.5	218.1	222.0	225.9	233.4	238.7	246.4
C315.0	198.6	201.2	205.7	209.5	217.4	219.9	224.3	230.8	236.7	245.0
C337.5	195.1	198.5	204.9	211.5	217.2	221.8	228.2	238.4	241.8	246.8
C360.0	196.4	201.7	208.2	212.6	217.9	224.3	227.0	231.4	237.3	245.5
C\G	G170.0	G171.0	G172.0	G173.0	G174.0	G175.0	G176.0	G177.0	G178.0	G179.0
C0.0	252.7	261.1	266.8	269.5	273.3	274.7	274.1	274.7	272.8	272.8
C22.5	251.6	256.9	258.9	264.0	268.5	268.5	268.5	268.5	268.5	269.2
C45.0	258.1	263.3	267.8	273.7	280.1	282.1	282.1	282.7	283.4	284.0
C67.5	254.2	258.7	260.1	264.0	271.6	273.0	275.6	276.9	278.2	279.5
C90.0	231.7	235.0	241.5	247.2	248.5	253.0	256.3	265.3	271.1	273.6
C112.5	235.0	238.9	242.1	247.2	248.0	250.6	255.2	264.2	270.5	274.4
C135.0	236.1	238.0	240.7	247.7	252.3	258.9	265.9	272.8	273.0	277.4
C157.5	233.5	238.8	243.8	250.3	256.8	264.4	271.0	277.3	279.3	279.9
C180.0	231.5	233.5	236.9	243.8	248.5	254.8	261.4	272.8	274.1	273.4
C202.5	230.4	231.2	233.2	240.3	246.8	254.5	261.0	269.3	272.4	272.4
C225.0	232.3	233.7	236.2	242.1	248.5	252.5	259.0	267.2	269.8	270.4
C247.5	230.4	233.0	238.2	244.7	250.4	255.0	262.0	269.2	271.9	274.9
C270.0	247.2	251.0	253.0	258.1	270.1	276.9	278.8	278.8	280.1	280.1
C292.5	252.3	258.1	259.5	267.0	271.7	275.6	277.5	278.8	278.8	278.8
C315.0	252.0	258.5	262.4	267.6	277.1	279.9	279.3	279.3	279.9	280.6
C337.5	254.0	259.8	266.2	271.4	279.0	279.8	280.5	278.0	274.1	274.1
C360.0	252.7	261.1	266.8	269.5	273.3	274.7	274.1	274.7	272.8	272.8
C\G	G180.0									
C0.0	272.8									
C22.5	272.8									
C45.0	272.8									
C67.5	272.8									
C90.0	272.8									
C112.5	272.8									
C135.0	272.8									
C157.5	272.8									
C180.0	272.8									
C202.5	272.8									
C225.0	272.8									

Light intensity data Unit[cd]

C247.5	272.8									
C270.0	272.8									
C292.5	272.8									
C315.0	272.8									
C337.5	272.8									
C360.0	272.8									

Zonal Luminous Flux Data

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
0.0	131576.60	0.00	0.00	0.00	0.00
0.0-1.0	131477.90	125.87	125.87	0.11	0.11
1.0-2.0	131182.90	377.00	502.86	0.32	0.43
2.0-3.0	130706.50	626.35	1129.22	0.53	0.96
3.0-4.0	130025.90	872.75	2001.97	0.74	1.70
4.0-5.0	129168.50	1115.04	3117.01	0.94	2.64
5.0-6.0	128109.40	1352.06	4469.08	1.14	3.78
6.0-7.0	126869.20	1582.65	6051.72	1.34	5.12
7.0-8.0	125447.90	1805.79	7857.51	1.53	6.65
8.0-9.0	123811.90	2020.12	9877.63	1.71	8.36
9.0-10.0	121992.60	2224.44	12102.07	1.88	10.25
10.0-11.0	119959.00	2417.59	14519.66	2.05	12.29
11.0-12.0	117719.40	2598.17	17117.83	2.20	14.49
12.0-13.0	115267.60	2764.97	19882.80	2.34	16.83
13.0-14.0	112603.00	2916.72	22799.52	2.47	19.30
14.0-15.0	109730.80	3052.30	25851.82	2.58	21.89
15.0-16.0	106598.00	3169.82	29021.65	2.68	24.57
16.0-17.0	103275.70	3268.30	32289.95	2.77	27.34
17.0-18.0	99741.09	3347.31	35637.25	2.83	30.17
18.0-19.0	95997.59	3405.45	39042.71	2.88	33.06
19.0-20.0	92064.53	3442.06	42484.76	2.91	35.97
20.0-21.0	87990.88	3457.43	45942.20	2.93	38.90
21.0-22.0	83761.59	3451.44	49393.63	2.92	41.82
22.0-23.0	79379.64	3423.14	52816.78	2.90	44.72
23.0-24.0	74933.95	3373.85	56190.62	2.86	47.58
24.0-25.0	70442.77	3305.55	59496.17	2.80	50.38
25.0-26.0	65912.15	3218.67	62714.84	2.73	53.10
26.0-27.0	61388.27	3114.43	65829.27	2.64	55.74
27.0-28.0	56937.96	2995.77	68825.03	2.54	58.27
28.0-29.0	52579.23	2865.28	71690.30	2.43	60.70
29.0-30.0	48351.89	2725.12	74415.43	2.31	63.01
30.0-31.0	44400.98	2581.18	76996.62	2.19	65.19
31.0-32.0	40687.86	2437.70	79434.31	2.06	67.26
32.0-33.0	37152.14	2293.20	81727.52	1.94	69.20
33.0-34.0	33827.26	2148.05	83875.55	1.82	71.02
34.0-35.0	30910.81	2010.53	85886.08	1.70	72.72
35.0-36.0	28325.82	1886.11	87772.18	1.60	74.32
36.0-37.0	26002.51	1771.89	89544.05	1.50	75.82
37.0-38.0	23952.91	1667.45	91211.50	1.41	77.23
38.0-39.0	22106.79	1572.14	92783.66	1.33	78.56
39.0-40.0	20465.02	1484.75	94268.41	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	19012.56	1405.78	95674.18	1.19	81.01
41.0-42.0	17648.83	1331.97	97006.16	1.13	82.13
42.0-43.0	16387.76	1260.81	98266.96	1.07	83.20
43.0-44.0	15259.78	1194.47	99461.44	1.01	84.21
44.0-45.0	14219.90	1132.94	100594.40	0.96	85.17
45.0-46.0	13260.06	1074.68	101669.10	0.91	86.08
46.0-47.0	12364.32	1019.15	102688.20	0.86	86.95
47.0-48.0	11532.86	966.05	103654.30	0.82	87.76
48.0-49.0	10747.27	914.95	104569.20	0.77	88.54
49.0-50.0	10020.04	865.86	105435.10	0.73	89.27
50.0-51.0	9334.35	818.86	106253.90	0.69	89.96
51.0-52.0	8692.55	773.55	107027.50	0.65	90.62
52.0-53.0	8095.61	730.28	107757.70	0.62	91.24
53.0-54.0	7537.98	689.06	108446.80	0.58	91.82
54.0-55.0	7021.48	649.91	109096.70	0.55	92.37
55.0-56.0	6535.59	612.61	109709.30	0.52	92.89
56.0-57.0	6086.75	577.12	110286.40	0.49	93.38
57.0-58.0	5671.73	543.75	110830.20	0.46	93.84
58.0-59.0	5287.56	512.35	111342.60	0.43	94.27
59.0-60.0	4936.30	483.01	111825.60	0.41	94.68
60.0-61.0	4608.38	455.49	112281.10	0.39	95.07
61.0-62.0	4306.10	429.55	112710.60	0.36	95.43
62.0-63.0	4026.39	405.25	113115.90	0.34	95.77
63.0-64.0	3768.38	382.49	113498.40	0.32	96.10
64.0-65.0	3526.87	361.04	113859.40	0.31	96.40
65.0-66.0	3299.29	340.58	114200.00	0.29	96.69
66.0-67.0	3087.30	321.14	114521.10	0.27	96.96
67.0-68.0	2885.53	302.56	114823.70	0.26	97.22
68.0-69.0	2694.80	284.68	115108.40	0.24	97.46
69.0-70.0	2510.74	267.35	115375.70	0.23	97.69
70.0-71.0	2332.25	250.31	115626.00	0.21	97.90
71.0-72.0	2161.70	233.67	115859.70	0.20	98.10
72.0-73.0	1998.09	217.53	116077.20	0.18	98.28
73.0-74.0	1839.55	201.75	116279.00	0.17	98.45
74.0-75.0	1688.67	186.42	116465.40	0.16	98.61
75.0-76.0	1546.20	171.72	116637.10	0.15	98.76
76.0-77.0	1409.74	157.60	116794.70	0.13	98.89
77.0-78.0	1283.05	144.15	116938.90	0.12	99.01
78.0-79.0	1161.50	131.34	117070.20	0.11	99.12
79.0-80.0	1047.90	119.11	117189.30	0.10	99.22
80.0-81.0	943.38	107.69	117297.00	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	844.00	96.93	117393.90	0.08	99.40
82.0-83.0	751.43	86.73	117480.70	0.07	99.47
83.0-84.0	663.37	77.08	117557.70	0.07	99.54
84.0-85.0	578.13	67.76	117625.50	0.06	99.59
85.0-86.0	493.66	58.59	117684.10	0.05	99.64
86.0-87.0	405.48	49.21	117733.30	0.04	99.68
87.0-88.0	312.08	39.31	117772.60	0.03	99.72
88.0-89.0	212.27	28.74	117801.30	0.02	99.74
89.0-90.0	109.79	17.66	117819.00	0.01	99.76
90.0-91.0	19.59	7.09	117826.00	0.01	99.76
91.0-92.0	4.10	1.30	117827.40	0.00	99.76
92.0-93.0	3.62	0.42	117827.80	0.00	99.76
93.0-94.0	3.59	0.39	117828.20	0.00	99.76
94.0-95.0	3.70	0.40	117828.60	0.00	99.76
95.0-96.0	3.69	0.40	117829.00	0.00	99.77
96.0-97.0	3.78	0.41	117829.40	0.00	99.77
97.0-98.0	5.43	0.50	117829.90	0.00	99.77
98.0-99.0	12.38	0.97	117830.90	0.00	99.77
99.0-100.0	14.14	1.43	117832.30	0.00	99.77
100.0-101.0	16.44	1.65	117834.00	0.00	99.77
101.0-102.0	14.67	1.67	117835.60	0.00	99.77
102.0-103.0	11.24	1.39	117837.00	0.00	99.77
103.0-104.0	12.42	1.26	117838.30	0.00	99.77
104.0-105.0	15.30	1.47	117839.80	0.00	99.77
105.0-106.0	13.57	1.53	117841.30	0.00	99.78
106.0-107.0	10.04	1.24	117842.50	0.00	99.78
107.0-108.0	6.79	0.88	117843.40	0.00	99.78
108.0-109.0	6.41	0.69	117844.10	0.00	99.78
109.0-110.0	6.67	0.68	117844.80	0.00	99.78
110.0-111.0	7.10	0.71	117845.40	0.00	99.78
111.0-112.0	7.36	0.74	117846.10	0.00	99.78
112.0-113.0	7.68	0.76	117846.90	0.00	99.78
113.0-114.0	8.04	0.79	117847.70	0.00	99.78
114.0-115.0	8.36	0.82	117848.50	0.00	99.78
115.0-116.0	8.73	0.85	117849.30	0.00	99.78
116.0-117.0	9.05	0.87	117850.20	0.00	99.78
117.0-118.0	9.66	0.91	117851.10	0.00	99.78
118.0-119.0	9.99	0.95	117852.10	0.00	99.78
119.0-120.0	10.75	0.99	117853.10	0.00	99.79
120.0-121.0	11.71	1.06	117854.10	0.00	99.79
121.0-122.0	12.78	1.14	117855.30	0.00	99.79

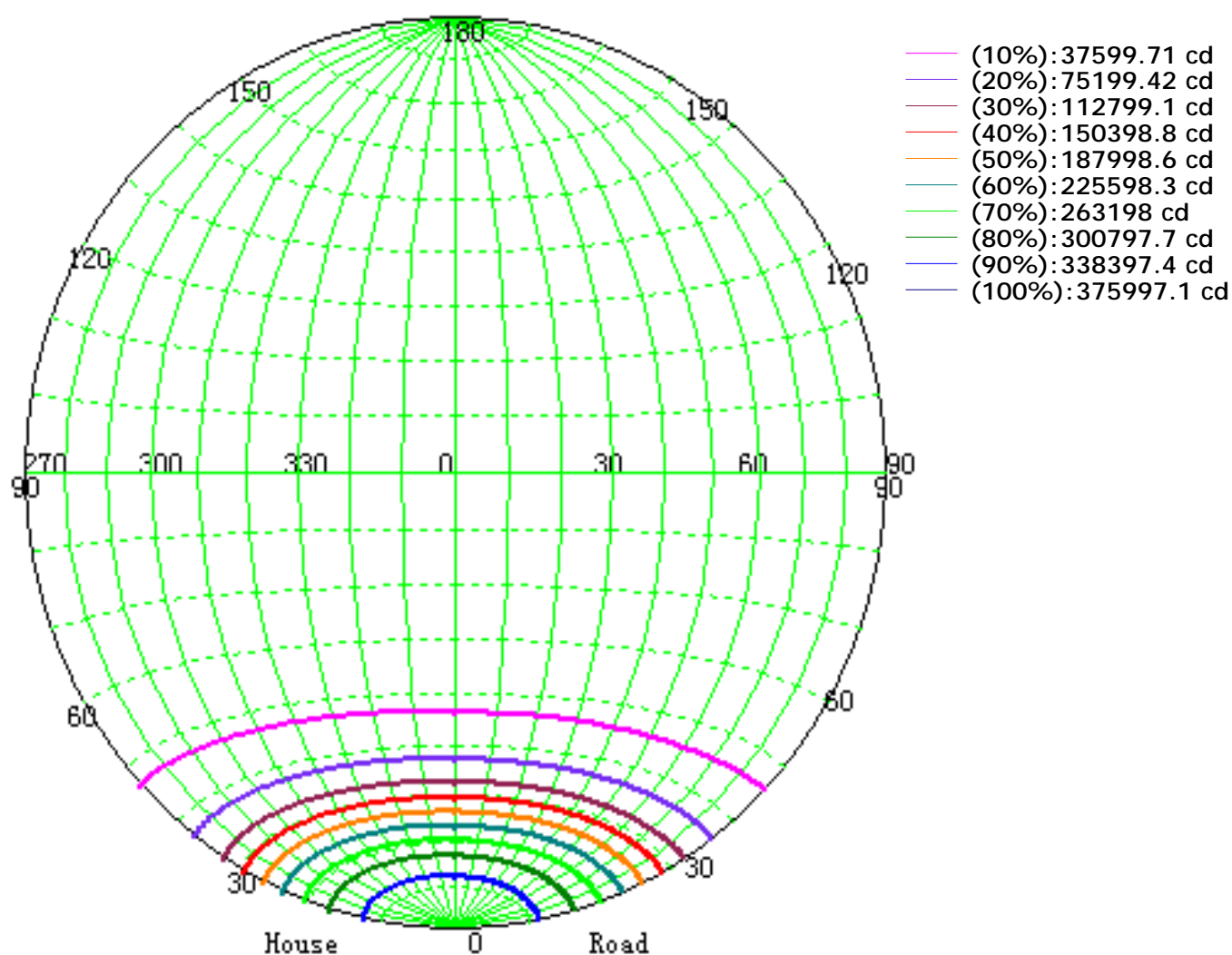
Zonal Luminous Flux Data

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
122.0-123.0	13.88	1.23	117856.50	0.00	99.79
123.0-124.0	15.35	1.34	117857.90	0.00	99.79
124.0-125.0	16.07	1.42	117859.30	0.00	99.79
125.0-126.0	17.51	1.50	117860.80	0.00	99.79
126.0-127.0	18.45	1.59	117862.40	0.00	99.79
127.0-128.0	19.69	1.66	117864.00	0.00	99.79
128.0-129.0	20.95	1.74	117865.80	0.00	99.80
129.0-130.0	22.76	1.85	117867.60	0.00	99.80
130.0-131.0	24.15	1.96	117869.60	0.00	99.80
131.0-132.0	26.12	2.06	117871.60	0.00	99.80
132.0-133.0	29.57	2.25	117873.90	0.00	99.80
133.0-134.0	32.77	2.48	117876.40	0.00	99.81
134.0-135.0	35.31	2.66	117879.00	0.00	99.81
135.0-136.0	38.65	2.84	117881.90	0.00	99.81
136.0-137.0	41.25	3.02	117884.90	0.00	99.81
137.0-138.0	44.97	3.19	117888.10	0.00	99.82
138.0-139.0	49.74	3.44	117891.60	0.00	99.82
139.0-140.0	55.21	3.74	117895.30	0.00	99.82
140.0-141.0	60.75	4.04	117899.40	0.00	99.82
141.0-142.0	67.04	4.36	117903.70	0.00	99.83
142.0-143.0	73.34	4.69	117908.40	0.00	99.83
143.0-144.0	79.58	4.99	117913.40	0.00	99.84
144.0-145.0	86.33	5.28	117918.70	0.00	99.84
145.0-146.0	93.39	5.58	117924.30	0.00	99.85
146.0-147.0	100.58	5.87	117930.10	0.00	99.85
147.0-148.0	108.09	6.15	117936.30	0.01	99.86
148.0-149.0	115.75	6.41	117942.70	0.01	99.86
149.0-150.0	123.72	6.66	117949.40	0.01	99.87
150.0-151.0	131.45	6.89	117956.30	0.01	99.87
151.0-152.0	138.83	7.07	117963.30	0.01	99.88
152.0-153.0	145.80	7.21	117970.50	0.01	99.89
153.0-154.0	152.52	7.30	117977.80	0.01	99.89
154.0-155.0	159.47	7.36	117985.20	0.01	99.90
155.0-156.0	165.69	7.39	117992.60	0.01	99.90
156.0-157.0	171.49	7.37	118000.00	0.01	99.91
157.0-158.0	176.44	7.30	118007.30	0.01	99.92
158.0-159.0	182.68	7.22	118014.50	0.01	99.92
159.0-160.0	188.68	7.13	118021.60	0.01	99.93
160.0-161.0	194.30	7.01	118028.60	0.01	99.93
161.0-162.0	200.36	6.87	118035.50	0.01	99.94
162.0-163.0	205.34	6.69	118042.20	0.01	99.95

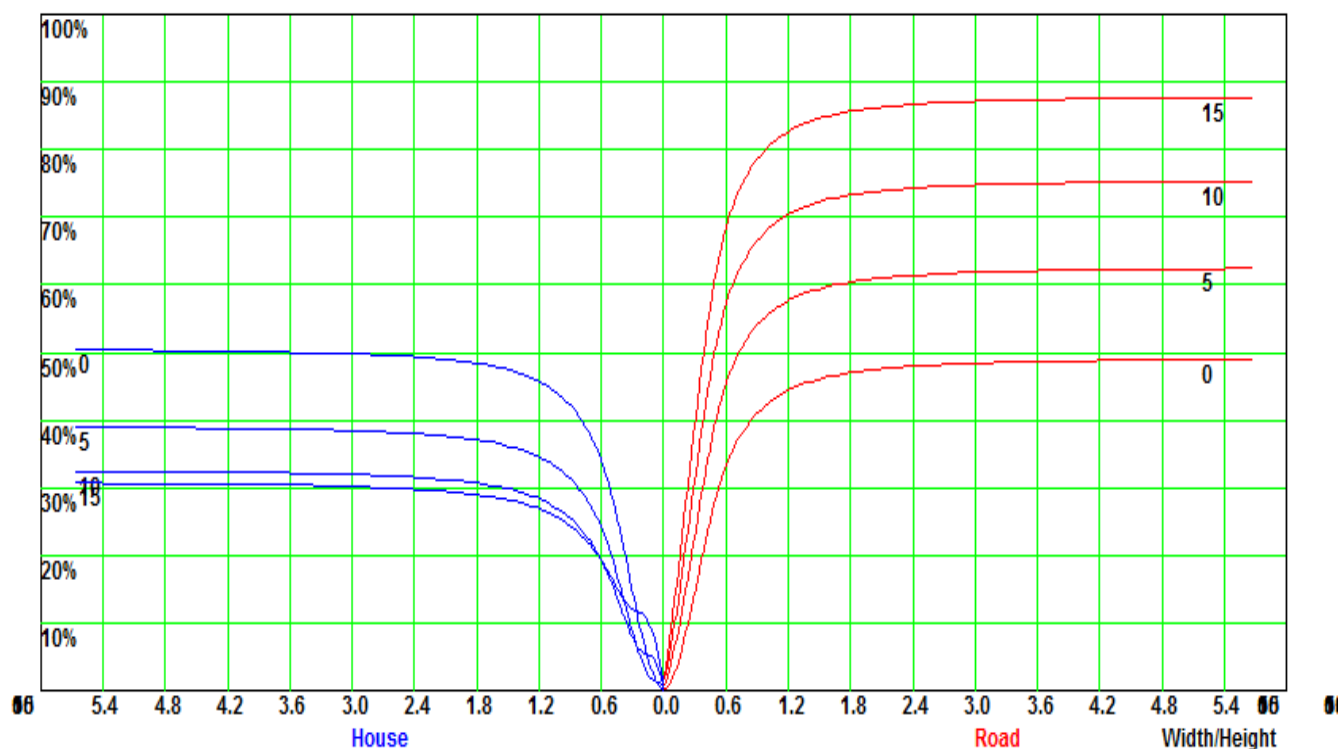
Zonal Luminous Flux Data

[illegible]

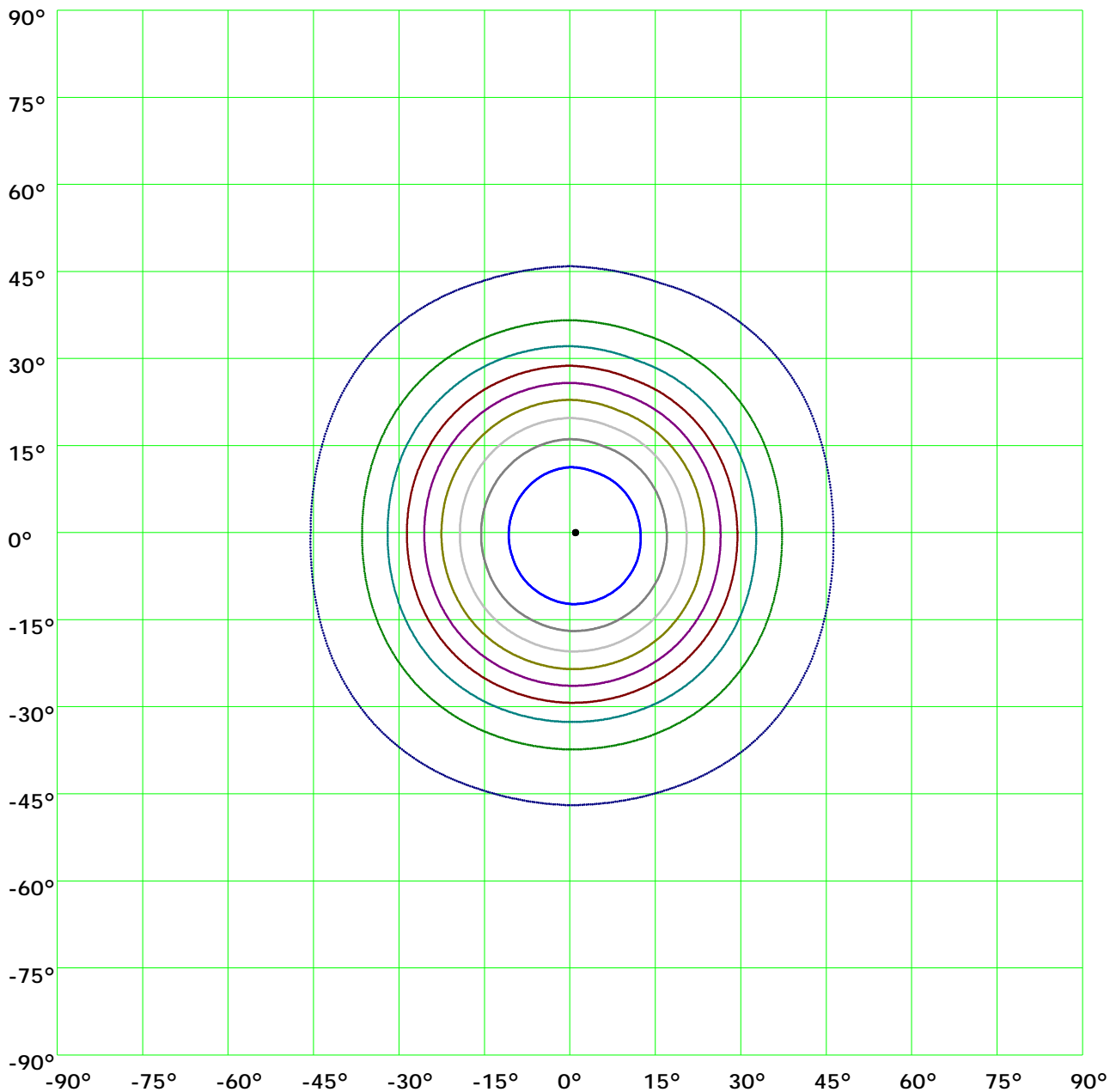
Iso-Candela [cd]



Coefficient Utilization Curve

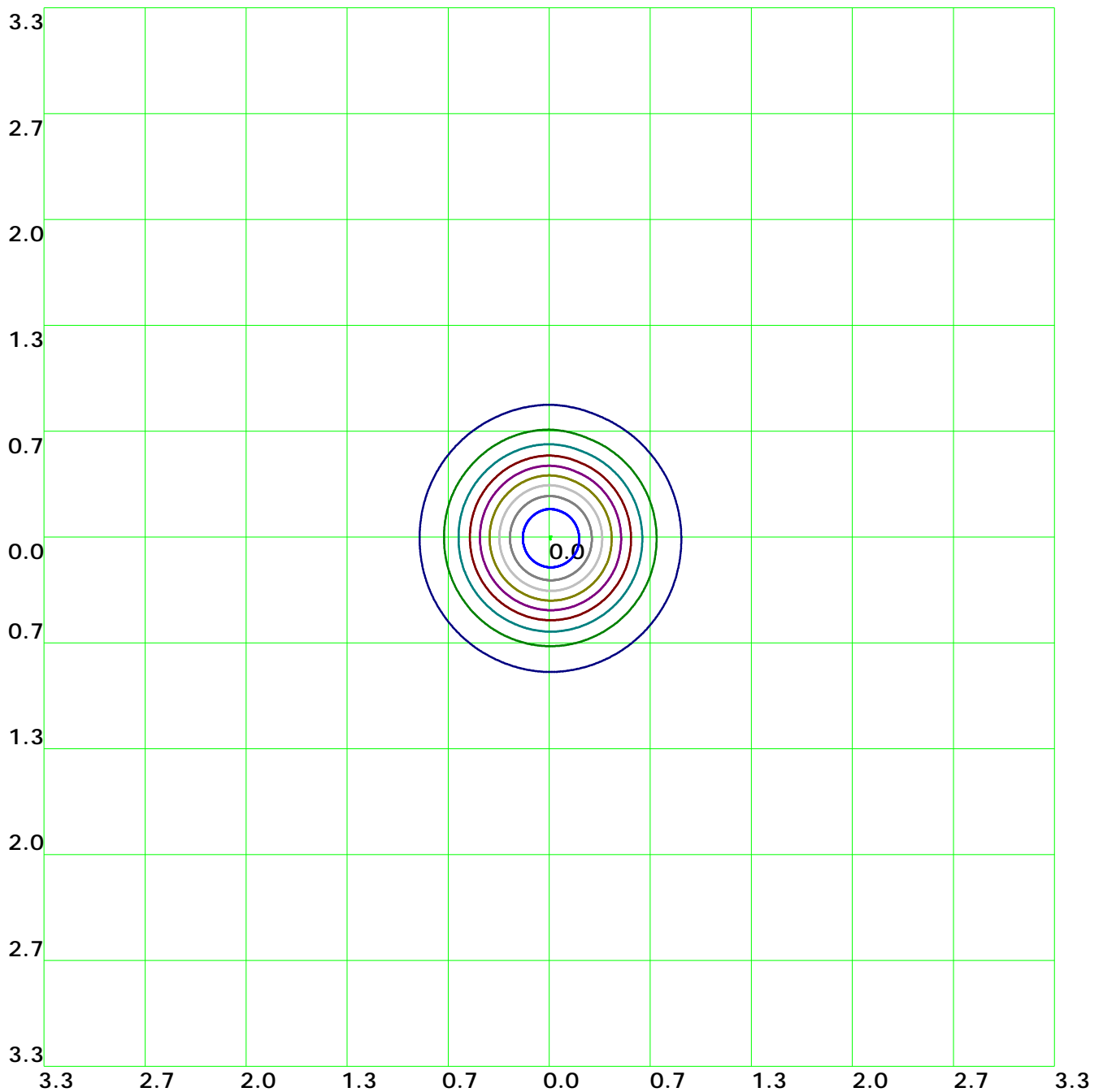


Isocandela(rectangle)



(10%): 13172.cd (20%): 26343.9cd (30%): 39515.9cd (40%): 52687.9cd
(50%): 65859.8cd (60%): 79031.8cd (70%): 92203.8cd (80%): 105375.7cd
(90%): 118547.7cd (100%): 131719.6cd

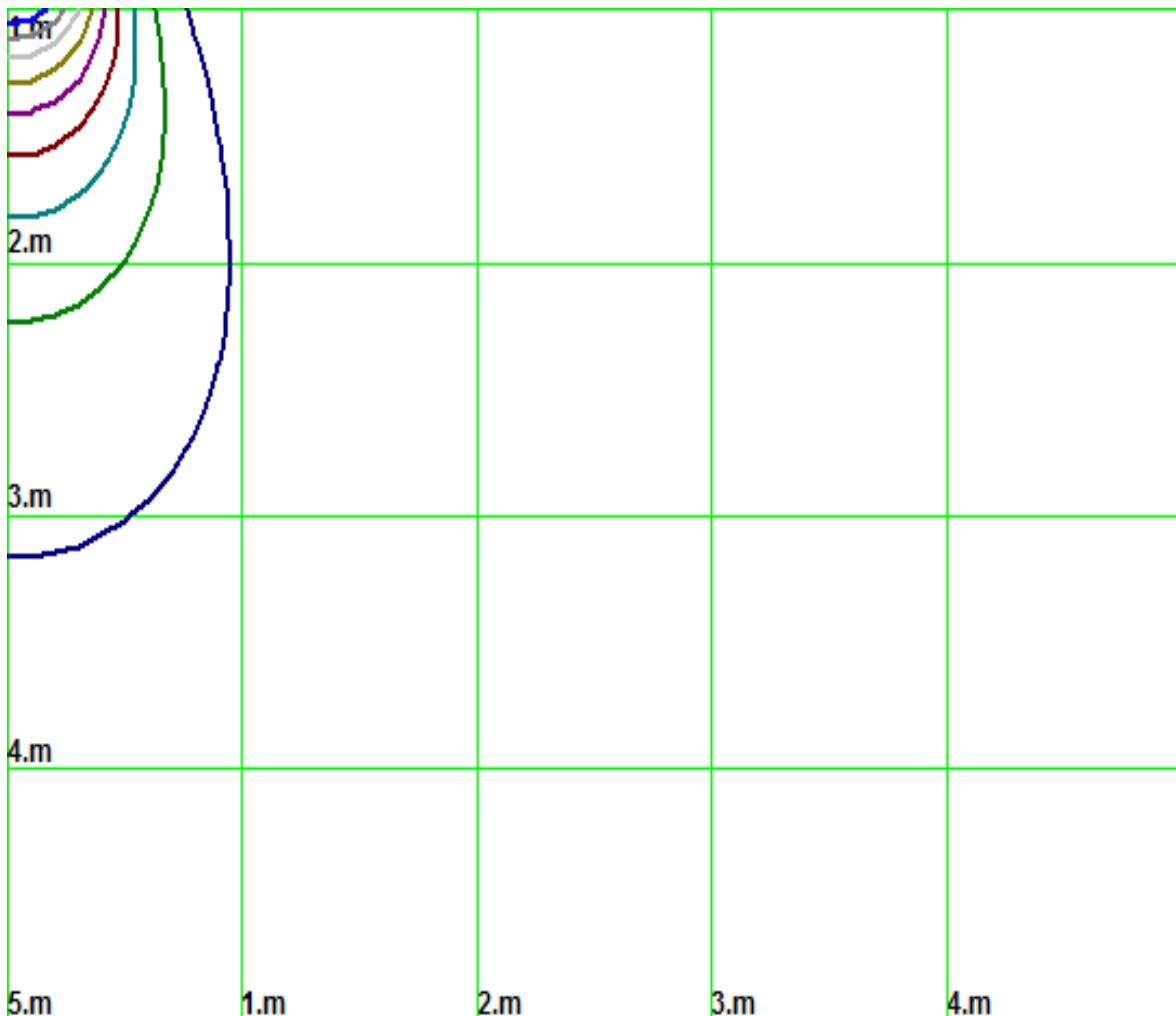
Isolx curve



Height: 1 m

(10%): 13172.lx (20%): 26343.9lx (30%): 39515.9lx (40%): 52687.9lx
(50%): 65859.8lx (60%): 79031.8lx (70%): 92203.8lx (80%): 105375.7lx
(90%): 118547.7lx (100%): 131587.9lx

Space Isolx Curve



(10%): 13172.lx (20%): 26343.9lx (30%): 39515.9lx (40%): 52687.9lx
 (50%): 65859.8lx (60%): 79031.8lx (70%): 92203.8lx (80%): 105375.7lx
 (90%): 118547.7lx (100%): 131587.9lx

Luminance Limitting Curve

Diameter: .687mm

Length: .687mm

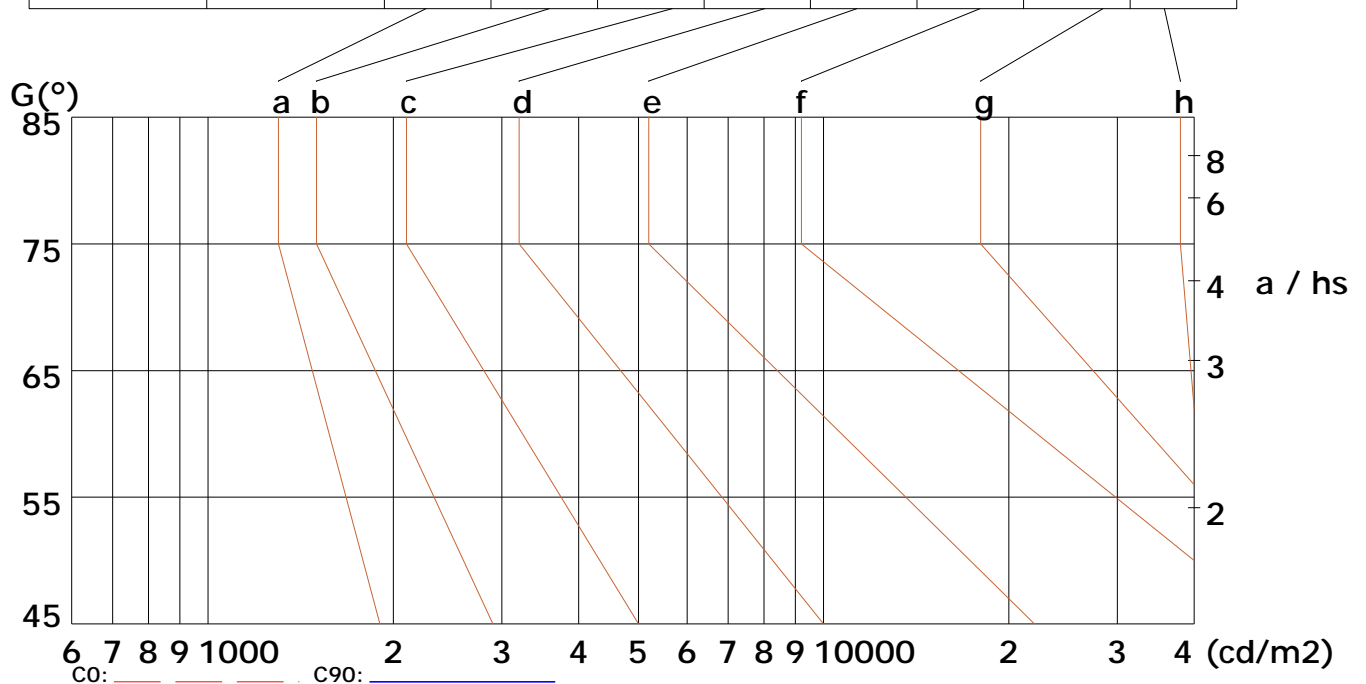
Width: .579mm

Height: .199mm

(cd/m2)

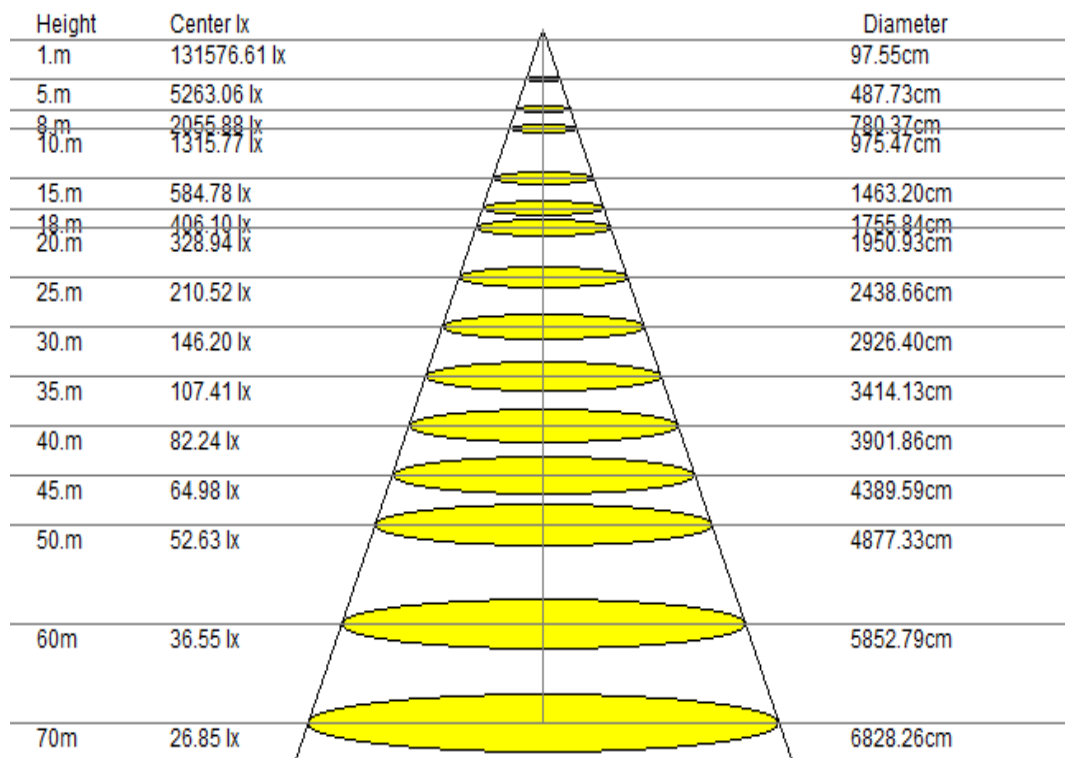
γ	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	49629	38642	30754	25689	22753	20990	19857	18100	16672
C90	50998	39502	30870	24119	21961	20599	19419	17951	16719

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. Limitting 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

