

## Luminaire Property

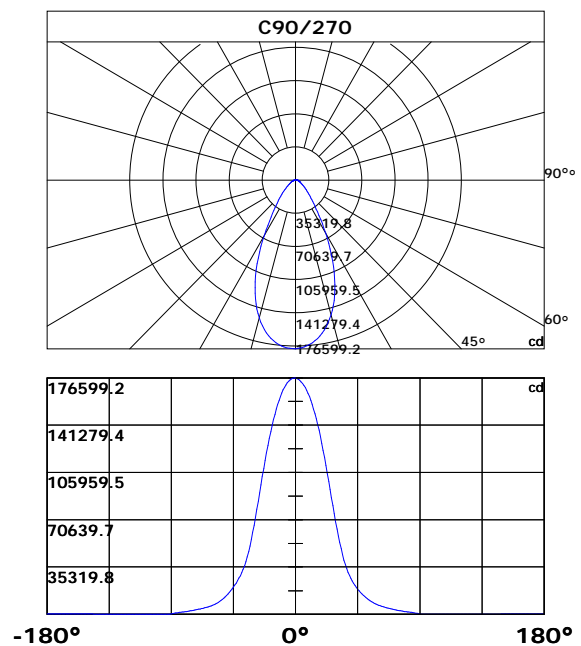
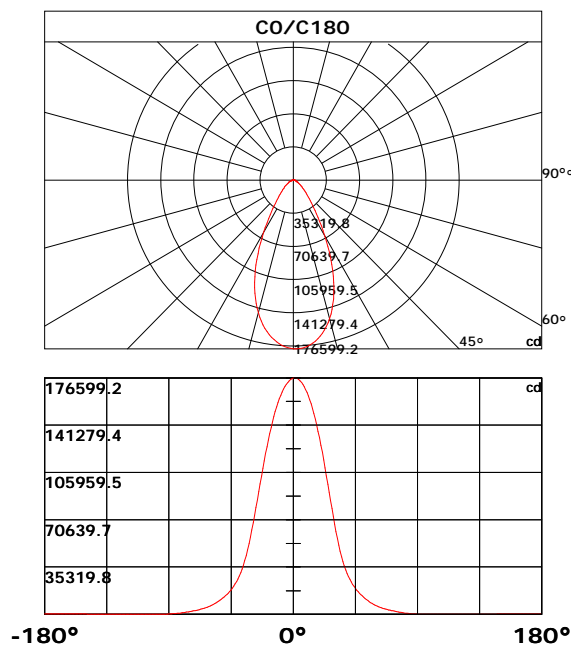
Luminaire Description: T500-960W-60D  
Luminaire Category: LED FLOOD LIGHT  
Lamp Category:  
Lamp Description: CO-T500-960W-60D  
Number of Lamp: 1  
Lamp Lumens(lm): 158347.6  
Luminous Length(m): 0.842  
Luminous Width(m): 0.579  
Luminous Height(m): 0.199

Voltage: 221.3 V  
Current: 3.901 A  
Power: 959.3 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: 158347.60 lm  
Efficiency: 165.0658 lm/W  
Central Intensity: 176407.4cd  
Max. Intensity: 176599.201cd  
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	176407.4	176599.2	176478.9	176087.4	175401.4	174432.5	173196.6	171715.2	169999.8	167993.4
C22.5	176407.4	176471.7	176234.6	175746.2	175023.7	173962.6	172580.1	171017.4	169216.4	167096.2
C45.0	176407.4	176399.3	176081.2	175500.9	174651.6	173484.6	172061.9	170409.1	168484.5	166330.8
C67.5	176407.4	176241.6	175779.7	175062.1	174096.0	172903.7	171422.7	169685.5	167669.6	165349.8
C90.0	176407.4	176068.5	175524.2	174720.5	173692.7	172452.6	170966.5	169243.9	167289.9	165079.9
C112.5	176407.4	175940.5	175324.4	174481.3	173365.1	172045.6	170436.1	168638.1	166630.3	164284.4
C135.0	176407.4	175936.3	175255.5	174358.4	173101.6	171735.5	170076.2	168169.7	166049.6	163662.0
C157.5	176407.4	175915.2	175184.7	174228.1	173015.5	171591.7	169926.4	168015.9	165869.1	163474.8
C180.0	176407.4	176051.5	175362.0	174420.1	173259.5	171847.8	170190.4	168238.8	166090.1	163628.6
C202.5	176407.4	176105.2	175451.5	174631.6	173463.3	172126.3	170480.1	168714.8	166635.1	164228.4
C225.0	176407.4	176267.5	175812.3	175082.0	174129.9	172902.7	171405.1	169592.6	167606.2	165355.3
C247.5	176407.4	176387.7	176086.3	175524.5	174676.1	173586.7	172263.6	170606.7	168687.4	166485.0
C270.0	176407.4	176389.7	176182.8	175693.0	174982.2	174044.1	172823.9	171384.2	169624.6	167581.8
C292.5	176407.4	176479.4	176303.2	175937.5	175249.5	174348.1	173200.6	171829.6	170128.6	168145.4
C315.0	176407.4	176549.4	176457.0	176121.9	175487.5	174623.3	173501.8	172090.0	170485.8	168596.3
C337.5	176407.4	176598.7	176554.6	176258.6	175656.9	174773.5	173610.0	172186.4	170582.3	168661.6
C360.0	176407.4	176599.2	176478.9	176087.4	175401.4	174432.5	173196.6	171715.2	169999.8	167993.4
C\G	G10.0	G11.0	G12.0	G13.0	G14.0	G15.0	G16.0	G17.0	G18.0	G19.0
C0.0	165730.2	163129.8	160215.9	157096.0	153627.6	149980.6	145708.2	141311.0	136616.4	131643.1
C22.5	164821.1	162186.5	159277.6	156029.1	152485.0	148672.7	144468.4	139997.9	135140.9	130138.4
C45.0	163865.0	161171.3	158154.2	154838.5	151230.9	147277.2	142956.2	138474.4	133563.0	128405.5
C67.5	162757.7	159911.8	156765.0	153323.1	149638.7	145643.5	141310.9	136748.8	131833.9	126763.5
C90.0	162590.6	159811.3	156757.4	153426.0	149837.0	146042.5	141845.0	137419.4	132660.9	127598.1
C112.5	161723.7	158923.4	155810.1	152488.2	148851.0	144989.6	140745.6	136168.9	131493.6	126428.3
C135.0	161024.9	158168.3	154974.2	151616.2	147911.5	143982.2	139737.4	135186.8	130463.0	125508.6
C157.5	160818.5	157887.9	154744.8	151224.6	147570.6	143612.4	139377.4	134926.6	130127.4	125134.8
C180.0	161009.5	158100.1	154916.8	151496.7	147731.2	143735.8	139430.9	134894.6	130235.4	125200.6
C202.5	161603.7	158669.0	155514.2	152071.2	148432.7	144380.7	140187.9	135644.9	130888.0	125878.4
C225.0	162810.6	159998.7	156907.7	153568.5	149915.8	145989.2	141800.4	137362.6	132589.7	127571.8
C247.5	164020.3	161294.4	158269.3	154951.5	151385.6	147513.6	143276.5	138807.6	134030.1	129023.3
C270.0	165301.7	162659.9	159810.1	156645.9	153175.1	149365.7	145329.7	140905.6	136304.8	131318.8
C292.5	165934.2	163379.9	160588.0	157472.8	154063.3	150423.8	146373.6	142069.7	137375.7	132404.0
C315.0	166446.2	164012.9	161298.8	158221.0	154812.9	151166.7	147071.5	142744.2	138140.8	133146.7
C337.5	166469.0	163998.3	161255.7	158195.5	154837.6	151115.6	147070.0	142757.2	138134.8	133130.7
C360.0	165730.2	163129.8	160215.9	157096.0	153627.6	149980.6	145708.2	141311.0	136616.4	131643.1
C\G	G20.0	G21.0	G22.0	G23.0	G24.0	G25.0	G26.0	G27.0	G28.0	G29.0
C0.0	126305.3	120900.4	115271.3	109323.9	103372.2	97258.6	91196.0	85033.6	79008.4	73088.6
C22.5	124782.1	119377.6	113553.2	107744.6	101670.3	95676.2	89424.8	83444.6	77489.0	71532.1
C45.0	123053.8	117463.0	111734.9	105760.7	99755.2	93596.4	87571.1	81390.9	75476.8	69518.2
C67.5	121258.5	115679.6	109914.0	103838.1	97873.8	91714.8	85502.0	79394.1	73377.1	67568.9
C90.0	122397.6	116926.4	111221.9	105404.4	99340.2	93299.6	87177.1	81140.8	75114.9	69256.4

## Light intensity data Unit[cd]

C112.5	121206.6	115804.2	110081.0	104267.1	98300.3	92340.2	86401.8	80285.2	74275.1	68560.9
C135.0	120266.3	114785.1	109178.8	103434.9	97600.3	91785.1	85841.2	79835.5	73924.8	68222.3
C157.5	119851.1	114482.6	108975.4	103265.1	97390.6	91566.8	85631.1	79813.8	74051.9	68343.0
C180.0	119987.9	114603.8	109032.6	103283.6	97442.6	91563.8	85625.8	79820.8	73991.7	68387.7
C202.5	120684.4	115222.6	109682.7	103880.8	98044.2	92265.1	86376.3	80509.1	74738.5	69063.0
C225.0	122227.3	116719.6	111112.1	105242.7	99364.2	93505.1	87407.9	81432.2	75512.3	69825.0
C247.5	123735.8	118201.8	112577.7	106732.5	100689.8	94667.4	88525.8	82494.7	76554.2	70737.1
C270.0	126053.1	120584.5	114875.0	108918.5	102951.3	96702.0	90644.2	84390.3	78348.0	72409.7
C292.5	127175.3	121738.5	116038.3	110007.6	103963.2	97796.9	91589.9	85289.4	79203.5	73192.2
C315.0	127970.0	122473.7	116761.6	110799.1	104755.8	98617.0	92403.1	86200.1	80041.8	74015.1
C337.5	127969.6	122574.7	116803.2	110910.7	104933.3	98750.0	92598.2	86396.9	80298.0	74184.6
C360.0	126305.3	120900.4	115271.3	109323.9	103372.2	97258.6	91196.0	85033.6	79008.4	73088.6
C\G	G30.0	G31.0	G32.0	G33.0	G34.0	G35.0	G36.0	G37.0	G38.0	G39.0
C0.0	67277.5	61782.8	56468.5	51679.7	47166.3	42977.9	39352.4	36064.8	33154.7	30479.6
C22.5	65813.5	60380.6	55167.8	50423.3	46002.0	42050.2	38519.0	35284.9	32469.3	29922.1
C45.0	63910.7	58468.0	53396.5	48782.1	44489.1	40631.8	37187.7	34076.4	31343.2	28879.0
C67.5	61980.0	56609.2	51696.4	47256.8	43114.5	39434.5	36054.6	33110.0	30495.7	28094.2
C90.0	63603.1	58322.4	53688.9	49055.3	44426.0	40536.2	37187.1	34160.8	31430.1	29052.7
C112.5	62913.3	58114.0	53314.7	48515.4	43729.2	39888.2	36524.6	33502.2	30826.2	28401.4
C135.0	62691.0	57683.2	52675.5	47697.7	43607.0	39801.2	36480.3	33478.9	30819.7	28425.4
C157.5	62838.9	58094.1	53349.5	48604.8	43885.9	40093.9	36703.9	33641.0	30978.3	28596.0
C180.0	62948.9	57800.5	52911.7	48031.8	43964.9	40178.5	36794.9	33708.6	31033.6	28603.6
C202.5	63535.2	58406.7	53819.9	49233.1	44660.2	40794.2	37445.5	34406.0	31752.7	29361.9
C225.0	64322.4	59003.4	54394.5	49785.4	45185.0	41364.6	37967.2	34869.3	32183.0	29783.6
C247.5	65098.5	59680.0	55042.2	50404.5	45790.7	41890.3	38464.1	35374.1	32646.2	30181.0
C270.0	66543.0	61123.1	55840.8	51093.2	46782.5	42837.1	39347.1	36259.8	33515.6	31066.9
C292.5	67313.5	61777.2	56461.8	51654.2	47237.2	43211.0	39600.4	36418.7	33573.7	31041.5
C315.0	68148.2	62537.8	57185.6	52273.3	47735.4	43648.6	39987.0	36715.3	33817.7	31201.8
C337.5	68284.0	62685.6	57402.7	52479.6	47870.2	43745.8	40016.2	36722.6	33786.9	31133.5
C360.0	67277.5	61782.8	56468.5	51679.7	47166.3	42977.9	39352.4	36064.8	33154.7	30479.6
C\G	G40.0	G41.0	G42.0	G43.0	G44.0	G45.0	G46.0	G47.0	G48.0	G49.0
C0.0	28158.8	26129.0	24104.4	22378.0	20802.3	19339.3	18015.0	16798.5	15651.4	14584.1
C22.5	27882.6	25848.2	23813.7	22128.7	20644.1	19240.8	17943.2	16728.9	15604.6	14537.8
C45.0	26681.0	24680.0	23061.9	21448.2	19834.5	18450.5	17219.5	16069.5	15020.6	14020.1
C67.5	26088.6	24091.3	22353.5	20784.4	19349.6	18031.6	16843.2	15706.0	14675.5	13704.7
C90.0	26867.0	24933.7	23169.8	21586.0	20161.4	18820.2	17557.0	16380.4	15287.3	14270.0
C112.5	26207.1	24291.2	22537.8	20953.7	19522.7	18206.4	16988.7	15864.0	14845.9	13878.5
C135.0	26264.3	24345.5	22609.2	21010.6	19564.3	18229.2	17007.8	15879.1	14820.9	13828.6
C157.5	26431.8	24503.6	22721.5	21123.7	19678.8	18343.2	17111.7	15955.8	14887.5	13890.4
C180.0	26437.2	24520.5	22725.6	21103.3	19627.0	18285.4	17069.2	15910.8	14861.8	13862.4
C202.5	27195.1	25254.9	23470.0	21874.5	20389.3	19006.0	17723.9	16530.5	15430.3	14375.1
C225.0	27557.5	25590.0	23777.7	22111.8	20578.1	19179.6	17876.4	16657.1	15516.9	14444.1

## Light intensity data Unit[cd]

C247.5	27955.7	25963.8	24100.3	22438.2	20896.8	19463.3	18136.4	16885.9	15734.3	14638.7
C270.0	28831.9	26983.4	25142.8	23302.3	21743.3	20281.5	18885.1	17579.4	16331.2	15149.0
C292.5	28778.5	26878.7	24988.5	23098.5	21532.4	20071.8	18700.2	17434.7	16239.9	15124.7
C315.0	28886.7	26969.6	25061.9	23154.2	21563.3	20100.2	18733.1	17484.9	16297.2	15169.9
C337.5	28782.1	26865.0	24955.7	23046.4	21457.5	19989.6	18638.0	17367.9	16192.2	15067.1
C360.0	28158.8	26129.0	24104.4	22378.0	20802.3	19339.3	18015.0	16798.5	15651.4	14584.1
C\G	G50.0	G51.0	G52.0	G53.0	G54.0	G55.0	G56.0	G57.0	G58.0	G59.0
C0.0	13617.2	12697.5	11834.5	11016.9	10233.7	9495.9	8793.0	8150.8	7546.9	6986.4
C22.5	13552.0	12620.6	11748.1	10941.2	10168.4	9465.4	8798.5	8162.9	7568.7	7035.5
C45.0	13104.0	12229.4	11422.4	10669.5	9961.6	9307.0	8688.7	8127.2	7600.0	7102.6
C67.5	12820.3	11985.9	11202.3	10465.3	9798.0	9181.5	8594.1	8060.6	7546.9	7084.4
C90.0	13320.8	12420.2	11590.9	10821.9	10111.6	9460.0	8844.4	8291.1	7784.3	7311.5
C112.5	12984.6	12143.4	11355.5	10632.3	9956.8	9330.3	8737.8	8196.5	7691.8	7217.1
C135.0	12903.3	12047.6	11242.6	10501.0	9797.2	9161.6	8566.5	8012.0	7496.7	7008.4
C157.5	12960.3	12087.4	11255.4	10481.6	9772.6	9109.2	8469.9	7874.2	7322.8	6805.7
C180.0	12963.2	12104.6	11297.3	10532.0	9804.6	9118.1	8463.9	7850.8	7283.3	6756.8
C202.5	13385.4	12452.8	11588.2	10793.7	10049.9	9360.1	8694.6	8077.4	7507.3	6974.8
C225.0	13441.9	12519.1	11641.3	10829.1	10070.2	9383.0	8742.7	8140.8	7604.8	7098.8
C247.5	13613.6	12653.4	11746.1	10932.9	10174.7	9475.3	8829.2	8225.7	7686.5	7178.1
C270.0	14048.9	13010.5	12052.4	11160.2	10339.6	9594.0	8901.8	8281.5	7718.4	7205.4
C292.5	14071.6	13085.5	12177.9	11305.7	10498.2	9734.9	9046.2	8403.8	7810.9	7277.0
C315.0	14126.8	13132.1	12203.4	11332.5	10520.2	9766.2	9063.7	8418.0	7817.1	7270.6
C337.5	14031.3	13046.0	12110.1	11247.3	10443.9	9679.0	8963.2	8296.7	7681.0	7113.2
C360.0	13617.2	12697.5	11834.5	11016.9	10233.7	9495.9	8793.0	8150.8	7546.9	6986.4
C\G	G60.0	G61.0	G62.0	G63.0	G64.0	G65.0	G66.0	G67.0	G68.0	G69.0
C0.0	6467.5	5992.2	5553.1	5148.8	4786.9	4444.8	4133.8	3838.8	3560.6	3299.7
C22.5	6534.4	6080.3	5653.8	5256.7	4900.8	4560.7	4243.9	3950.9	3665.8	3398.1
C45.0	6647.3	6217.4	5817.7	5440.8	5088.4	4741.2	4424.4	4117.7	3830.6	3551.9
C67.5	6647.8	6243.5	5876.6	5524.3	5187.9	4881.7	4601.5	4329.9	4063.7	3818.0
C90.0	6888.4	6472.9	6110.3	5772.2	5452.0	5157.1	4868.3	4603.9	4344.1	4095.9
C112.5	6776.8	6358.7	5974.1	5616.6	5284.4	4967.9	4663.8	4384.1	4117.7	3868.2
C135.0	6574.1	6152.2	5753.4	5380.4	5031.9	4703.5	4379.4	4081.0	3796.1	3524.5
C157.5	6338.0	5891.4	5484.5	5109.2	4760.6	4439.2	4133.0	3852.0	3586.9	3334.6
C180.0	6274.8	5826.5	5404.7	5023.3	4673.6	4347.6	4039.0	3759.7	3500.2	3254.6
C202.5	6493.2	6031.8	5609.2	5222.0	4867.7	4539.2	4225.3	3936.2	3664.9	3415.2
C225.0	6639.5	6209.5	5804.7	5432.4	5090.4	4763.6	4442.6	4152.1	3871.1	3615.2
C247.5	6728.6	6300.3	5913.3	5562.0	5227.3	4927.8	4637.1	4371.1	4122.3	3876.5
C270.0	6758.9	6339.8	5971.2	5619.9	5308.4	5021.3	4758.7	4496.4	4251.8	4013.2
C292.5	6773.1	6327.6	5910.3	5540.2	5188.4	4871.5	4581.4	4312.5	4048.2	3804.5
C315.0	6762.3	6301.9	5867.0	5463.3	5093.9	4744.4	4417.4	4114.4	3832.8	3562.9
C337.5	6586.5	6110.8	5668.5	5260.2	4894.9	4545.2	4225.3	3926.5	3642.1	3374.5
C360.0	6467.5	5992.2	5553.1	5148.8	4786.9	4444.8	4133.8	3838.8	3560.6	3299.7

## 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	3044.6	2803.6	2574.4	2357.2	2146.5	1945.9	1755.7	1570.7	1396.2	1223.5
C22.5	3136.2	2884.0	2636.9	2404.7	2185.6	1986.3	1805.7	1632.7	1473.2	1320.6
C45.0	3290.1	3033.4	2790.3	2559.5	2334.2	2117.0	1910.9	1706.6	1521.4	1345.2
C67.5	3581.2	3356.8	3137.0	2923.0	2706.3	2499.7	2295.0	2091.2	1901.7	1720.8
C90.0	3850.1	3608.3	3375.8	3160.6	2948.9	2756.3	2580.4	2411.9	2255.2	2103.1
C112.5	3623.3	3386.9	3162.9	2944.7	2721.3	2511.0	2312.5	2116.7	1929.5	1741.9
C135.0	3275.3	3024.3	2787.2	2556.9	2340.3	2127.3	1922.6	1732.1	1563.5	1397.4
C157.5	3089.5	2854.5	2620.1	2396.7	2190.3	1991.8	1806.8	1638.4	1477.4	1333.3
C180.0	3015.4	2786.8	2570.9	2367.9	2178.1	1996.5	1820.4	1650.9	1488.0	1329.3
C202.5	3168.1	2928.1	2703.8	2484.8	2278.1	2088.3	1912.0	1750.7	1598.7	1457.4
C225.0	3367.2	3127.3	2901.2	2676.8	2461.4	2246.6	2048.8	1858.8	1684.2	1516.0
C247.5	3649.3	3418.8	3203.5	2994.9	2784.7	2574.7	2370.9	2174.5	1991.5	1819.2
C270.0	3780.1	3556.7	3336.3	3122.6	2920.7	2735.2	2563.7	2402.0	2251.9	2108.4
C292.5	3572.1	3352.8	3140.7	2936.1	2726.5	2521.0	2319.8	2130.2	1954.8	1778.3
C315.0	3303.4	3052.9	2814.2	2586.8	2365.3	2152.4	1951.4	1756.4	1575.3	1405.1
C337.5	3113.1	2855.2	2616.6	2389.2	2173.1	1974.5	1792.1	1617.2	1460.7	1316.3
C360.0	3044.6	2803.6	2574.4	2357.2	2146.5	1945.9	1755.7	1570.7	1396.2	1223.5
C\G	G80.0	G81.0	G82.0	G83.0	G84.0	G85.0	G86.0	G87.0	G88.0	G89.0
C0.0	1057.0	911.6	783.6	676.9	584.2	501.0	417.5	332.3	245.0	158.7
C22.5	1183.4	1052.7	927.7	800.6	677.2	555.7	445.3	338.2	230.5	137.6
C45.0	1193.0	1059.2	932.0	813.8	700.2	591.5	482.5	374.8	261.4	149.1
C67.5	1551.9	1395.6	1242.4	1105.3	974.5	847.2	709.5	566.4	405.2	200.3
C90.0	1956.2	1818.2	1675.9	1536.9	1391.6	1246.7	1102.7	934.4	745.1	505.3
C112.5	1563.2	1403.0	1253.1	1119.5	994.1	876.6	756.1	616.7	457.2	285.2
C135.0	1246.3	1112.1	988.4	870.5	759.1	654.2	548.1	443.4	343.4	242.2
C157.5	1195.5	1065.5	941.0	827.5	721.2	617.6	519.2	425.5	335.8	248.0
C180.0	1177.9	1036.4	907.2	794.8	707.2	620.1	541.0	457.4	371.8	289.2
C202.5	1322.5	1197.4	1071.2	946.4	823.2	704.0	584.8	471.5	364.4	267.1
C225.0	1359.4	1220.0	1093.1	975.1	864.2	751.6	645.6	528.9	415.2	315.8
C247.5	1652.1	1501.4	1357.5	1232.5	1113.4	1001.4	898.6	778.3	633.3	463.3
C270.0	1968.0	1829.6	1693.1	1555.3	1418.1	1277.2	1125.2	958.8	771.3	567.9
C292.5	1615.0	1457.6	1307.5	1173.9	1052.1	938.9	820.3	690.9	536.2	348.8
C315.0	1254.9	1123.6	1004.5	887.6	768.3	654.8	536.3	423.7	320.1	209.1
C337.5	1183.0	1053.2	926.7	802.5	681.5	563.0	456.9	356.9	258.6	165.9
C360.0	1057.0	911.6	783.6	676.9	584.2	501.0	417.5	332.3	245.0	158.7
C\G	G90.0	G91.0	G92.0	G93.0	G94.0	G95.0	G96.0	G97.0	G98.0	G99.0
C0.0	85.1	5.7	4.4	3.5	3.5	3.5	3.5	3.5	3.5	3.5
C22.5	37.7	5.2	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
C45.0	38.6	5.2	5.2	4.4	3.5	3.5	3.5	3.5	3.5	11.9
C67.5	28.2	7.0	6.1	6.1	6.9	7.0	7.0	7.0	7.0	6.1
C90.0	181.9	94.0	6.1	6.1	6.1	7.8	10.3	11.7	43.0	95.0

## Light intensity data Unit[cd]

C112.5	121.4	9.5	5.2	5.2	5.2	6.1	6.9	6.1	6.1	7.0
C135.0	144.0	11.2	5.2	4.4	4.4	4.4	4.4	4.4	4.4	4.4
C157.5	161.8	10.2	4.4	3.5	3.5	3.5	3.5	3.5	3.5	3.5
C180.0	202.9	8.6	4.4	4.4	4.4	4.4	3.5	3.5	4.4	4.4
C202.5	158.0	5.2	5.2	4.5	4.0	3.5	3.5	3.5	4.4	4.4
C225.0	209.7	69.9	5.2	4.4	4.4	4.4	4.4	4.4	5.2	5.2
C247.5	258.7	88.0	5.2	5.2	5.2	6.1	6.1	7.0	7.0	9.6
C270.0	394.7	62.4	9.5	7.0	7.0	7.0	5.2	5.2	6.0	92.7
C292.5	153.3	16.0	7.9	7.0	7.0	6.1	6.1	6.7	7.3	6.1
C315.0	103.2	15.2	6.1	4.4	4.4	4.4	3.5	3.5	3.5	4.2
C337.5	76.0	6.9	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
C360.0	85.1	5.7	4.4	3.5	3.5	3.5	3.5	3.5	3.5	3.5
C\G	G100.0	G101.0	G102.0	G103.0	G104.0	G105.0	G106.0	G107.0	G108.0	G109.0
C0.0	3.5	3.5	3.5	4.4	29.6	63.6	71.6	79.6	24.0	10.8
C22.5	4.4	4.4	8.6	39.3	69.2	82.1	38.2	11.8	7.0	7.0
C45.0	24.8	25.3	25.8	8.2	5.2	5.2	4.4	4.4	4.4	4.4
C67.5	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
C90.0	105.3	115.7	77.0	43.2	15.6	12.1	10.8	9.5	9.6	10.3
C112.5	7.0	10.5	11.2	10.3	10.5	12.1	12.1	12.1	13.0	13.1
C135.0	6.1	6.1	7.0	7.0	7.0	7.7	7.8	8.7	9.5	10.3
C157.5	3.5	4.4	4.4	5.2	6.1	6.1	6.1	6.1	6.1	7.7
C180.0	5.1	4.4	5.2	5.2	7.0	7.8	8.2	8.6	8.7	10.3
C202.5	4.4	5.2	5.7	6.1	8.7	8.7	8.7	9.5	8.7	10.5
C225.0	5.2	5.2	5.2	6.1	7.8	8.7	7.8	8.7	9.6	10.5
C247.5	10.5	11.2	10.5	10.5	11.3	11.3	13.0	12.2	12.2	12.2
C270.0	102.9	113.1	99.2	42.6	16.3	7.8	7.8	7.8	7.8	7.8
C292.5	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
C315.0	5.1	28.1	35.9	22.1	8.3	5.2	4.4	4.4	4.4	4.4
C337.5	3.5	3.5	3.5	18.7	51.7	77.3	77.9	19.9	8.7	6.1
C360.0	3.5	3.5	3.5	4.4	29.6	63.6	71.6	79.6	24.0	10.8
C\G	G110.0	G111.0	G112.0	G113.0	G114.0	G115.0	G116.0	G117.0	G118.0	G119.0
C0.0	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	10.3
C22.5	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
C45.0	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
C67.5	6.1	6.1	6.1	6.1	6.1	6.1	6.1	7.0	8.6	9.6
C90.0	11.2	12.1	13.0	13.1	14.7	14.7	16.4	17.3	19.1	18.2
C112.5	14.7	15.6	14.8	17.3	17.3	18.2	19.1	21.7	22.5	23.4
C135.0	11.2	12.1	13.0	13.8	14.7	15.6	17.3	16.4	19.1	19.9
C157.5	8.6	10.3	11.2	12.1	12.1	13.8	15.6	16.4	18.2	19.1
C180.0	11.3	13.0	13.8	13.8	16.4	17.3	16.4	16.4	16.4	17.3
C202.5	11.3	12.1	13.0	13.8	14.7	14.7	16.4	17.3	18.2	19.9
C225.0	11.3	13.8	14.8	15.6	15.7	17.3	17.3	18.2	20.8	20.8



## Light intensity data Unit[cd]

C247.5	13.0	13.0	13.9	14.8	16.4	17.3	18.2	19.1	19.9	20.8
C270.0	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
C292.5	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
C315.0	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
C337.5	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
C360.0	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	10.3
C\G	G120.0	G121.0	G122.0	G123.0	G124.0	G125.0	G126.0	G127.0	G128.0	G129.0
C0.0	10.3	13.8	15.5	18.9	24.9	28.5	28.5	32.0	32.9	31.1
C22.5	7.7	11.1	13.8	14.7	15.6	14.7	19.1	19.9	25.0	26.8
C45.0	5.2	4.4	7.0	12.1	15.6	15.6	16.4	17.3	19.1	20.8
C67.5	13.8	13.8	14.7	15.6	16.4	19.1	25.8	28.6	28.6	31.1
C90.0	19.1	20.8	21.7	21.7	21.7	23.4	26.0	26.9	28.6	30.4
C112.5	25.0	25.2	27.7	27.8	29.4	30.3	31.1	32.9	34.6	37.2
C135.0	20.8	21.7	22.5	23.4	24.2	24.2	25.2	27.7	28.5	31.1
C157.5	20.8	20.8	21.7	23.3	23.3	25.2	26.9	28.5	27.7	27.8
C180.0	19.1	23.4	25.0	25.2	26.8	26.9	29.4	29.4	29.4	29.4
C202.5	21.7	22.5	22.5	24.3	25.0	25.2	28.5	28.5	29.4	29.5
C225.0	21.8	24.3	25.2	25.2	26.0	26.0	28.6	29.5	31.3	33.0
C247.5	20.8	22.5	23.4	24.3	24.3	26.0	27.8	27.8	29.5	32.1
C270.0	7.8	7.8	7.8	7.8	12.9	14.7	14.7	15.6	17.3	19.8
C292.5	6.1	6.1	6.9	8.6	12.1	13.0	13.0	15.6	18.2	20.7
C315.0	5.2	6.0	7.7	12.0	14.6	15.6	16.4	16.4	19.1	23.3
C337.5	5.2	6.9	11.1	13.0	16.4	16.4	18.2	19.1	23.2	25.0
C360.0	10.3	13.8	15.5	18.9	24.9	28.5	28.5	32.0	32.9	31.1
C\G	G130.0	G131.0	G132.0	G133.0	G134.0	G135.0	G136.0	G137.0	G138.0	G139.0
C0.0	30.3	31.1	31.1	52.1	57.1	62.2	68.3	62.3	62.3	69.0
C22.5	27.7	30.3	33.7	41.5	42.4	44.1	48.4	55.3	60.5	70.0
C45.0	25.0	27.8	28.6	30.4	34.5	39.0	44.2	47.7	53.7	61.5
C67.5	33.8	38.0	39.9	42.5	42.5	46.7	52.1	57.3	66.8	73.6
C90.0	33.9	36.4	38.1	42.5	45.1	50.3	53.8	58.9	64.1	70.1
C112.5	39.0	40.8	45.1	48.5	51.9	54.6	56.3	58.9	63.4	68.4
C135.0	32.9	34.6	36.4	38.1	41.6	44.1	47.6	50.3	54.7	58.9
C157.5	29.4	31.3	37.2	38.9	42.5	47.6	52.7	54.4	58.9	63.2
C180.0	29.4	30.3	31.1	35.9	50.3	54.6	59.7	60.5	61.4	65.8
C202.5	32.1	35.5	35.6	38.1	40.7	41.6	46.8	51.9	57.2	63.4
C225.0	34.7	35.7	39.1	42.6	45.2	49.5	52.9	56.5	60.9	66.0
C247.5	33.0	34.7	39.1	40.8	45.2	49.4	52.9	56.4	60.9	66.0
C270.0	25.8	26.8	30.2	32.9	39.7	42.4	47.6	52.7	59.7	67.4
C292.5	26.8	27.7	30.3	33.8	40.6	42.4	47.5	54.4	59.7	67.4
C315.0	26.8	27.7	31.0	35.5	40.5	43.1	46.6	51.7	57.0	64.6
C337.5	27.7	29.4	33.8	40.4	43.1	45.8	51.7	55.3	63.7	71.5
C360.0	30.3	31.1	31.1	52.1	57.1	62.2	68.3	62.3	62.3	69.0

## 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	78.6	86.4	95.1	104.5	109.7	120.1	136.2	143.4	153.9	164.2
C22.5	81.2	89.1	99.3	108.1	116.7	127.1	135.9	147.1	156.5	165.2
C45.0	71.8	81.2	93.4	103.0	113.6	125.5	137.0	150.6	160.3	173.3
C67.5	81.2	90.8	100.5	110.1	121.4	129.2	137.8	147.1	156.9	166.3
C90.0	76.2	82.3	87.7	94.5	103.0	111.0	118.8	128.3	137.8	147.2
C112.5	73.6	79.8	85.8	92.8	99.8	107.4	115.4	124.7	133.5	143.9
C135.0	64.9	70.1	77.1	84.1	91.8	99.8	107.4	116.1	126.5	135.9
C157.5	66.5	75.2	82.2	88.3	96.2	103.9	111.7	121.1	129.8	140.3
C180.0	70.1	75.4	82.1	89.2	98.7	105.7	112.6	121.2	130.8	139.4
C202.5	70.1	76.2	84.8	92.8	101.4	109.2	117.0	124.9	134.2	144.7
C225.0	72.1	78.1	84.3	91.3	97.4	105.1	113.7	122.4	134.6	144.4
C247.5	72.2	78.3	85.9	93.0	100.7	108.6	116.5	125.0	134.7	144.1
C270.0	77.0	87.0	97.7	109.0	117.6	127.1	136.6	147.7	157.5	169.4
C292.5	77.5	86.5	95.8	105.4	115.0	125.5	137.4	146.8	158.2	170.2
C315.0	71.7	79.5	89.6	100.8	108.7	120.9	133.7	146.0	157.9	169.4
C337.5	79.5	87.1	96.7	106.3	115.5	126.0	135.7	145.1	155.6	165.1
C360.0	78.6	86.4	95.1	104.5	109.7	120.1	136.2	143.4	153.9	164.2
C\G	G150.0	G151.0	G152.0	G153.0	G154.0	G155.0	G156.0	G157.0	G158.0	G159.0
C0.0	173.6	183.3	191.8	198.9	207.5	215.9	223.8	233.5	243.7	253.2
C22.5	174.7	184.3	192.9	200.6	208.4	218.9	226.6	236.3	247.5	255.2
C45.0	185.6	197.4	208.1	218.3	228.0	238.5	245.5	250.6	254.9	262.7
C67.5	178.4	186.3	195.9	207.9	214.2	224.6	234.9	241.0	248.0	254.1
C90.0	158.4	168.8	181.1	192.3	202.6	210.3	219.1	227.6	233.8	243.2
C112.5	151.5	162.2	173.2	183.6	194.1	204.3	212.1	220.0	225.9	233.8
C135.0	148.1	158.7	170.4	181.0	192.0	200.7	207.8	216.5	224.1	231.7
C157.5	150.7	162.8	173.3	184.1	192.9	201.7	210.3	218.9	226.8	237.8
C180.0	149.1	160.1	167.8	170.3	174.1	189.4	207.6	217.1	224.2	232.7
C202.5	155.2	166.3	176.9	188.9	200.0	207.9	212.1	216.4	220.1	229.5
C225.0	154.5	164.2	173.5	182.3	189.3	194.4	198.7	203.1	208.2	218.0
C247.5	154.5	166.0	177.1	188.5	199.8	209.1	216.1	222.3	229.1	237.0
C270.0	180.8	191.8	201.5	210.1	218.9	227.5	237.0	243.1	248.2	255.3
C292.5	181.5	192.6	203.3	212.7	223.1	232.7	241.4	249.1	256.8	263.0
C315.0	180.4	191.0	199.6	208.4	218.5	227.3	235.9	247.3	252.4	261.8
C337.5	177.0	184.0	191.9	199.6	208.3	217.7	225.5	236.0	241.1	249.8
C360.0	173.6	183.3	191.8	198.9	207.5	215.9	223.8	233.5	243.7	253.2
C\G	G160.0	G161.0	G162.0	G163.0	G164.0	G165.0	G166.0	G167.0	G168.0	G169.0
C0.0	263.3	270.4	279.1	285.1	292.2	300.8	304.4	310.3	318.2	329.2
C22.5	264.0	270.0	276.9	281.2	288.3	290.8	294.2	304.6	316.7	329.5
C45.0	265.4	269.7	277.6	284.4	293.8	299.1	307.0	319.2	326.9	336.6
C67.5	262.8	268.8	278.3	288.6	295.7	303.5	309.7	318.3	325.2	332.9
C90.0	251.9	259.6	267.5	270.1	276.2	282.2	286.4	291.7	300.3	303.7



## Light intensity data Unit[cd]

C112.5	241.8	252.0	260.6	267.5	275.3	281.4	287.4	291.7	300.5	307.3
C135.0	239.6	247.5	254.3	260.5	269.1	275.2	280.3	287.4	295.9	307.1
C157.5	245.7	253.4	260.4	266.4	271.6	276.7	281.1	285.4	295.0	306.2
C180.0	240.6	249.1	257.8	264.7	271.5	275.0	280.3	285.3	295.0	302.6
C202.5	239.0	250.1	259.7	266.7	274.5	279.7	284.9	290.2	297.0	305.7
C225.0	229.0	243.1	252.6	261.1	269.0	275.1	279.3	284.7	295.2	303.7
C247.5	244.8	252.5	259.4	264.6	270.7	275.1	278.6	283.9	291.5	300.2
C270.0	262.8	269.1	281.2	290.7	296.8	302.9	306.2	309.7	317.3	327.0
C292.5	269.1	276.8	281.9	288.9	292.4	297.6	302.9	313.0	320.1	330.3
C315.0	266.3	269.7	275.8	280.9	291.4	294.8	300.8	309.5	317.3	328.4
C337.5	261.6	266.2	274.8	283.6	291.2	297.4	306.0	319.6	324.2	330.9
C360.0	263.3	270.4	279.1	285.1	292.2	300.8	304.4	310.3	318.2	329.2
C\G	G170.0	G171.0	G172.0	G173.0	G174.0	G175.0	G176.0	G177.0	G178.0	G179.0
C0.0	338.8	350.1	357.7	361.3	366.4	368.3	367.5	368.3	365.8	365.7
C22.5	337.4	344.5	347.1	353.9	360.0	360.0	360.0	360.0	360.0	360.9
C45.0	346.0	352.9	359.0	367.0	375.6	378.2	378.2	379.1	380.0	380.8
C67.5	340.7	346.8	348.7	353.9	364.2	366.0	369.5	371.2	373.0	374.7
C90.0	310.7	315.0	323.8	331.5	333.2	339.2	343.6	355.7	363.5	366.9
C112.5	315.0	320.3	324.5	331.5	332.5	336.0	342.2	354.3	362.6	367.9
C135.0	316.6	319.1	322.7	332.0	338.2	347.1	356.5	365.8	366.0	371.9
C157.5	313.1	320.2	326.8	335.5	344.2	354.5	363.3	371.8	374.4	375.3
C180.0	310.4	313.1	317.6	326.9	333.1	341.6	350.4	365.8	367.4	366.6
C202.5	308.9	309.9	312.7	322.1	330.8	341.2	349.9	361.1	365.3	365.3
C225.0	311.5	313.3	316.7	324.6	333.1	338.6	347.3	358.3	361.8	362.5
C247.5	308.8	312.3	319.4	328.1	335.7	341.9	351.3	360.9	364.5	368.6
C270.0	331.4	336.5	339.2	346.1	362.1	371.2	373.7	373.9	375.5	375.6
C292.5	338.2	346.1	347.9	358.0	364.3	369.5	372.1	373.9	373.9	373.9
C315.0	337.8	346.6	351.9	358.7	371.5	375.3	374.5	374.4	375.3	376.1
C337.5	340.5	348.4	356.9	363.8	374.1	375.2	376.0	372.8	367.5	367.4
C360.0	338.8	350.1	357.7	361.3	366.4	368.3	367.5	368.3	365.8	365.7
C\G	G180.0									
C0.0	365.7									
C22.5	365.7									
C45.0	365.7									
C67.5	365.7									
C90.0	365.7									
C112.5	365.7									
C135.0	365.7									
C157.5	365.7									
C180.0	365.7									
C202.5	365.7									
C225.0	365.7									

## Light intensity data Unit[cd]

C247.5	365.7									
C270.0	365.7									
C292.5	365.7									
C315.0	365.7									
C337.5	365.7									
C360.0	365.7									

## Zonal Luminous Flux Data

Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
0.0	176407.40	0.00	0.00	0.00	0.00
0.0-1.0	176275.10	168.75	168.75	0.11	0.11
1.0-2.0	175879.50	505.45	674.20	0.32	0.43
2.0-3.0	175240.90	839.76	1513.96	0.53	0.96
3.0-4.0	174328.30	1170.12	2684.08	0.74	1.70
4.0-5.0	173178.80	1494.96	4179.04	0.94	2.64
5.0-6.0	171758.90	1812.74	5991.78	1.14	3.78
6.0-7.0	170096.10	2121.89	8113.67	1.34	5.12
7.0-8.0	168190.60	2421.05	10534.72	1.53	6.65
8.0-9.0	165997.10	2708.41	13243.13	1.71	8.36
9.0-10.0	163557.90	2982.35	16225.49	1.88	10.25
10.0-11.0	160831.50	3241.32	19466.80	2.05	12.29
11.0-12.0	157828.70	3483.41	22950.21	2.20	14.49
12.0-13.0	154541.50	3707.05	26657.26	2.34	16.83
13.0-14.0	150969.20	3910.51	30567.77	2.47	19.30
14.0-15.0	147118.20	4092.28	34660.05	2.58	21.89
15.0-16.0	142918.10	4249.84	38909.88	2.68	24.57
16.0-17.0	138463.80	4381.87	43291.75	2.77	27.34
17.0-18.0	133724.90	4487.80	47779.55	2.83	30.17
18.0-19.0	128705.90	4565.76	52345.32	2.88	33.06
19.0-20.0	123432.80	4614.84	56960.14	2.91	35.97
20.0-21.0	117971.10	4635.44	61595.59	2.93	38.90
21.0-22.0	112300.80	4627.41	66223.00	2.92	41.82
22.0-23.0	106425.90	4589.48	70812.47	2.90	44.72
23.0-24.0	100465.50	4523.39	75335.88	2.86	47.58
24.0-25.0	94444.05	4431.82	79767.70	2.80	50.38
25.0-26.0	88369.76	4315.34	84083.02	2.73	53.10
26.0-27.0	82304.49	4175.58	88258.61	2.64	55.74
27.0-28.0	76337.88	4016.49	92275.10	2.54	58.27
28.0-29.0	70494.04	3841.54	96116.64	2.43	60.70
29.0-30.0	64826.36	3653.62	99770.27	2.31	63.01
30.0-31.0	59529.29	3460.64	103230.90	2.19	65.19
31.0-32.0	54551.04	3268.27	106499.20	2.06	67.26
32.0-33.0	49810.63	3074.53	109573.70	1.94	69.20
33.0-34.0	45352.88	2879.93	112453.60	1.82	71.02
34.0-35.0	41442.76	2695.55	115149.20	1.70	72.72
35.0-36.0	37977.00	2528.74	117677.90	1.60	74.32
36.0-37.0	34862.09	2375.60	120053.50	1.50	75.82
37.0-38.0	32114.15	2235.58	122289.10	1.41	77.23
38.0-39.0	29639.02	2107.81	124396.90	1.33	78.56
39.0-40.0	27437.87	1990.64	126387.50	1.26	79.82

## Zonal Luminous Flux Data

Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
40.0-41.0	25490.52	1884.76	128272.30	1.19	81.01
41.0-42.0	23662.15	1785.80	130058.10	1.13	82.13
42.0-43.0	21971.41	1690.40	131748.50	1.07	83.20
43.0-44.0	20459.09	1601.45	133349.90	1.01	84.21
44.0-45.0	19064.91	1518.95	134868.90	0.96	85.17
45.0-46.0	17778.03	1440.85	136309.70	0.91	86.08
46.0-47.0	16577.09	1366.39	137676.10	0.86	86.95
47.0-48.0	15462.34	1295.20	138971.30	0.82	87.76
48.0-49.0	14409.08	1226.69	140198.00	0.77	88.54
49.0-50.0	13434.07	1160.88	141358.90	0.73	89.27
50.0-51.0	12514.75	1097.86	142456.80	0.69	89.96
51.0-52.0	11654.27	1037.11	143493.90	0.65	90.62
52.0-53.0	10853.95	979.11	144473.00	0.62	91.24
53.0-54.0	10106.33	923.84	145396.80	0.58	91.82
54.0-55.0	9413.84	871.35	146268.20	0.55	92.37
55.0-56.0	8762.39	821.33	147089.50	0.52	92.89
56.0-57.0	8160.63	773.76	147863.30	0.49	93.38
57.0-58.0	7604.21	729.02	148592.30	0.46	93.84
58.0-59.0	7089.15	686.92	149279.20	0.43	94.27
59.0-60.0	6618.19	647.58	149926.80	0.41	94.68
60.0-61.0	6178.55	610.69	150537.50	0.39	95.07
61.0-62.0	5773.27	575.91	151113.40	0.36	95.43
62.0-63.0	5398.26	543.33	151656.70	0.34	95.77
63.0-64.0	5052.35	512.81	152169.50	0.32	96.10
64.0-65.0	4728.54	484.05	152653.50	0.31	96.40
65.0-66.0	4423.43	456.62	153110.20	0.29	96.69
66.0-67.0	4139.20	430.55	153540.70	0.27	96.96
67.0-68.0	3868.69	405.65	153946.30	0.26	97.22
68.0-69.0	3612.98	381.68	154328.00	0.24	97.46
69.0-70.0	3366.19	358.44	154686.40	0.23	97.69
70.0-71.0	3126.90	335.60	155022.00	0.21	97.90
71.0-72.0	2898.24	313.29	155335.30	0.20	98.10
72.0-73.0	2678.89	291.64	155627.00	0.18	98.28
73.0-74.0	2466.33	270.50	155897.40	0.17	98.45
74.0-75.0	2264.03	249.93	156147.40	0.16	98.61
75.0-76.0	2073.03	230.23	156377.60	0.15	98.76
76.0-77.0	1890.06	211.29	156588.90	0.13	98.89
77.0-78.0	1720.21	193.26	156782.20	0.12	99.01
78.0-79.0	1557.24	176.10	156958.30	0.11	99.12
79.0-80.0	1404.95	159.70	157118.00	0.10	99.22
80.0-81.0	1264.81	144.38	157262.40	0.09	99.31

## Zonal Luminous Flux Data

Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
81.0-82.0	1131.57	129.95	157392.30	0.08	99.40
82.0-83.0	1007.46	116.28	157508.60	0.07	99.47
83.0-84.0	889.40	103.34	157611.90	0.07	99.54
84.0-85.0	775.11	90.85	157702.80	0.06	99.59
85.0-86.0	661.86	78.55	157781.30	0.05	99.64
86.0-87.0	543.63	65.97	157847.30	0.04	99.68
87.0-88.0	418.41	52.70	157900.00	0.03	99.72
88.0-89.0	284.59	38.53	157938.50	0.02	99.74
89.0-90.0	147.20	23.67	157962.20	0.01	99.76
90.0-91.0	26.27	9.51	157971.80	0.01	99.76
91.0-92.0	5.50	1.74	157973.50	0.00	99.76
92.0-93.0	4.85	0.57	157974.10	0.00	99.76
93.0-94.0	4.82	0.53	157974.60	0.00	99.76
94.0-95.0	4.95	0.53	157975.20	0.00	99.76
95.0-96.0	4.94	0.54	157975.80	0.00	99.77
96.0-97.0	5.07	0.55	157976.30	0.00	99.77
97.0-98.0	7.28	0.67	157977.00	0.00	99.77
98.0-99.0	16.60	1.29	157978.30	0.00	99.77
99.0-100.0	18.96	1.92	157980.30	0.00	99.77
100.0-101.0	22.04	2.21	157982.50	0.00	99.77
101.0-102.0	19.67	2.24	157984.70	0.00	99.77
102.0-103.0	15.07	1.86	157986.50	0.00	99.77
103.0-104.0	16.65	1.69	157988.30	0.00	99.77
104.0-105.0	20.51	1.97	157990.30	0.00	99.77
105.0-106.0	18.19	2.04	157992.30	0.00	99.78
106.0-107.0	13.46	1.66	157993.90	0.00	99.78
107.0-108.0	9.11	1.18	157995.10	0.00	99.78
108.0-109.0	8.60	0.92	157996.00	0.00	99.78
109.0-110.0	8.94	0.91	157996.90	0.00	99.78
110.0-111.0	9.52	0.95	157997.80	0.00	99.78
111.0-112.0	9.87	0.99	157998.80	0.00	99.78
112.0-113.0	10.30	1.02	157999.90	0.00	99.78
113.0-114.0	10.78	1.06	158000.90	0.00	99.78
114.0-115.0	11.21	1.10	158002.00	0.00	99.78
115.0-116.0	11.70	1.13	158003.10	0.00	99.78
116.0-117.0	12.14	1.17	158004.30	0.00	99.78
117.0-118.0	12.95	1.22	158005.50	0.00	99.78
118.0-119.0	13.39	1.27	158006.80	0.00	99.78
119.0-120.0	14.41	1.33	158008.10	0.00	99.79
120.0-121.0	15.70	1.42	158009.50	0.00	99.79
121.0-122.0	17.14	1.53	158011.10	0.00	99.79

## Zonal Luminous Flux Data

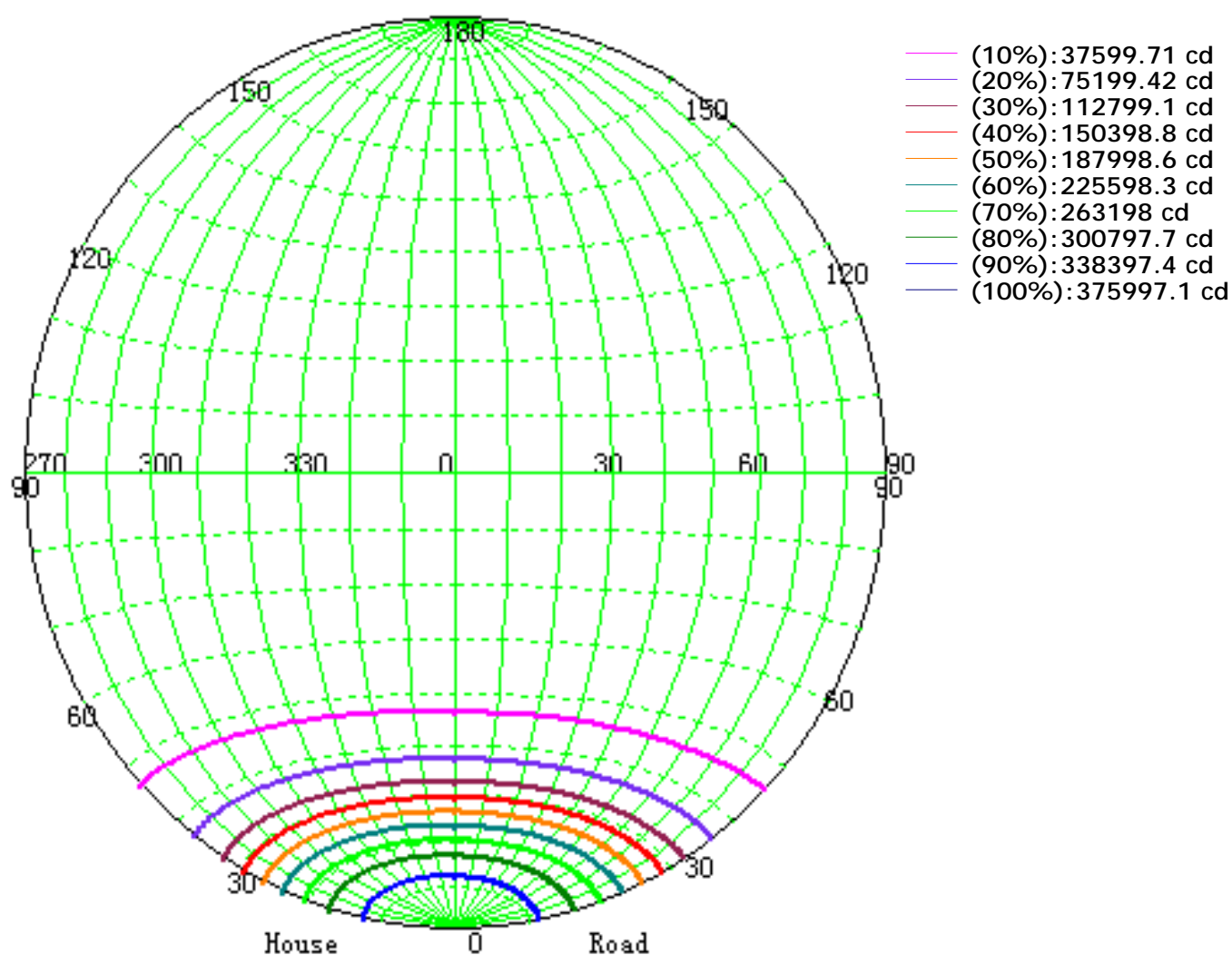
Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
122.0-123.0	18.61	1.65	158012.70	0.00	99.79
123.0-124.0	20.58	1.79	158014.50	0.00	99.79
124.0-125.0	21.54	1.90	158016.40	0.00	99.79
125.0-126.0	23.48	2.01	158018.40	0.00	99.79
126.0-127.0	24.73	2.13	158020.50	0.00	99.79
127.0-128.0	26.40	2.22	158022.80	0.00	99.79
128.0-129.0	28.08	2.34	158025.10	0.00	99.80
129.0-130.0	30.51	2.48	158027.60	0.00	99.80
130.0-131.0	32.38	2.62	158030.20	0.00	99.80
131.0-132.0	35.02	2.77	158033.00	0.00	99.80
132.0-133.0	39.65	3.02	158036.00	0.00	99.80
133.0-134.0	43.93	3.32	158039.30	0.00	99.81
134.0-135.0	47.34	3.57	158042.90	0.00	99.81
135.0-136.0	51.82	3.81	158046.80	0.00	99.81
136.0-137.0	55.30	4.04	158050.90	0.00	99.81
137.0-138.0	60.30	4.28	158055.10	0.00	99.82
138.0-139.0	66.68	4.61	158059.70	0.00	99.82
139.0-140.0	74.02	5.01	158064.70	0.00	99.82
140.0-141.0	81.44	5.42	158070.20	0.00	99.82
141.0-142.0	89.88	5.85	158076.00	0.00	99.83
142.0-143.0	98.33	6.28	158082.30	0.00	99.83
143.0-144.0	106.69	6.69	158089.00	0.00	99.84
144.0-145.0	115.74	7.08	158096.00	0.00	99.84
145.0-146.0	125.21	7.48	158103.50	0.00	99.85
146.0-147.0	134.85	7.87	158111.40	0.00	99.85
147.0-148.0	144.92	8.24	158119.60	0.01	99.86
148.0-149.0	155.19	8.60	158128.30	0.01	99.86
149.0-150.0	165.88	8.93	158137.20	0.01	99.87
150.0-151.0	176.23	9.24	158146.50	0.01	99.87
151.0-152.0	186.13	9.48	158155.90	0.01	99.88
152.0-153.0	195.48	9.66	158165.60	0.01	99.89
153.0-154.0	204.48	9.79	158175.40	0.01	99.89
154.0-155.0	213.80	9.87	158185.30	0.01	99.90
155.0-156.0	222.15	9.91	158195.10	0.01	99.90
156.0-157.0	229.92	9.88	158205.00	0.01	99.91
157.0-158.0	236.56	9.79	158214.80	0.01	99.92
158.0-159.0	244.92	9.68	158224.40	0.01	99.92
159.0-160.0	252.97	9.56	158234.00	0.01	99.93
160.0-161.0	260.50	9.40	158243.40	0.01	99.93
161.0-162.0	268.62	9.21	158252.60	0.01	99.94
162.0-163.0	275.31	8.97	158261.50	0.01	99.95



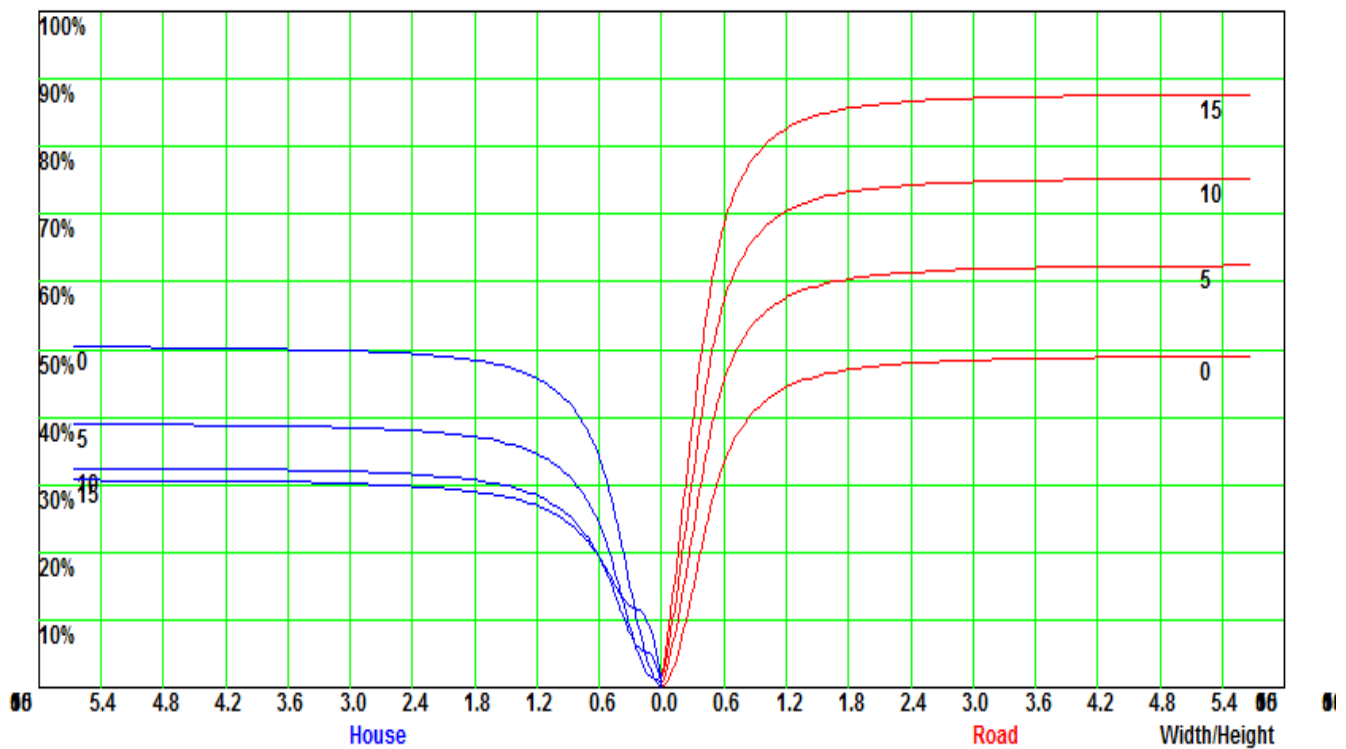
## Zonal Luminous Flux Data

[illegible]

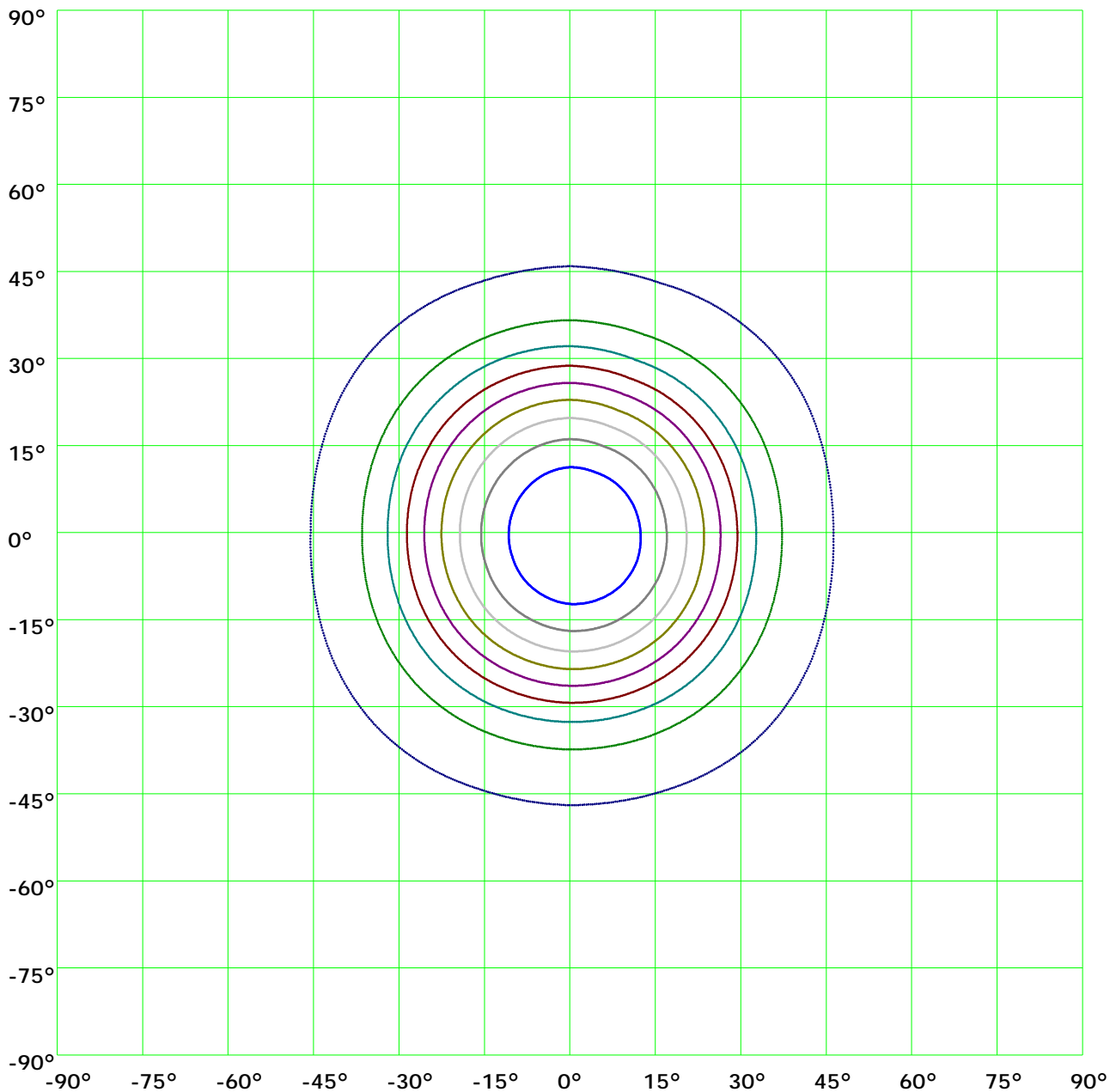
## Iso-Candela [cd]



## Coefficient Utilization Curve

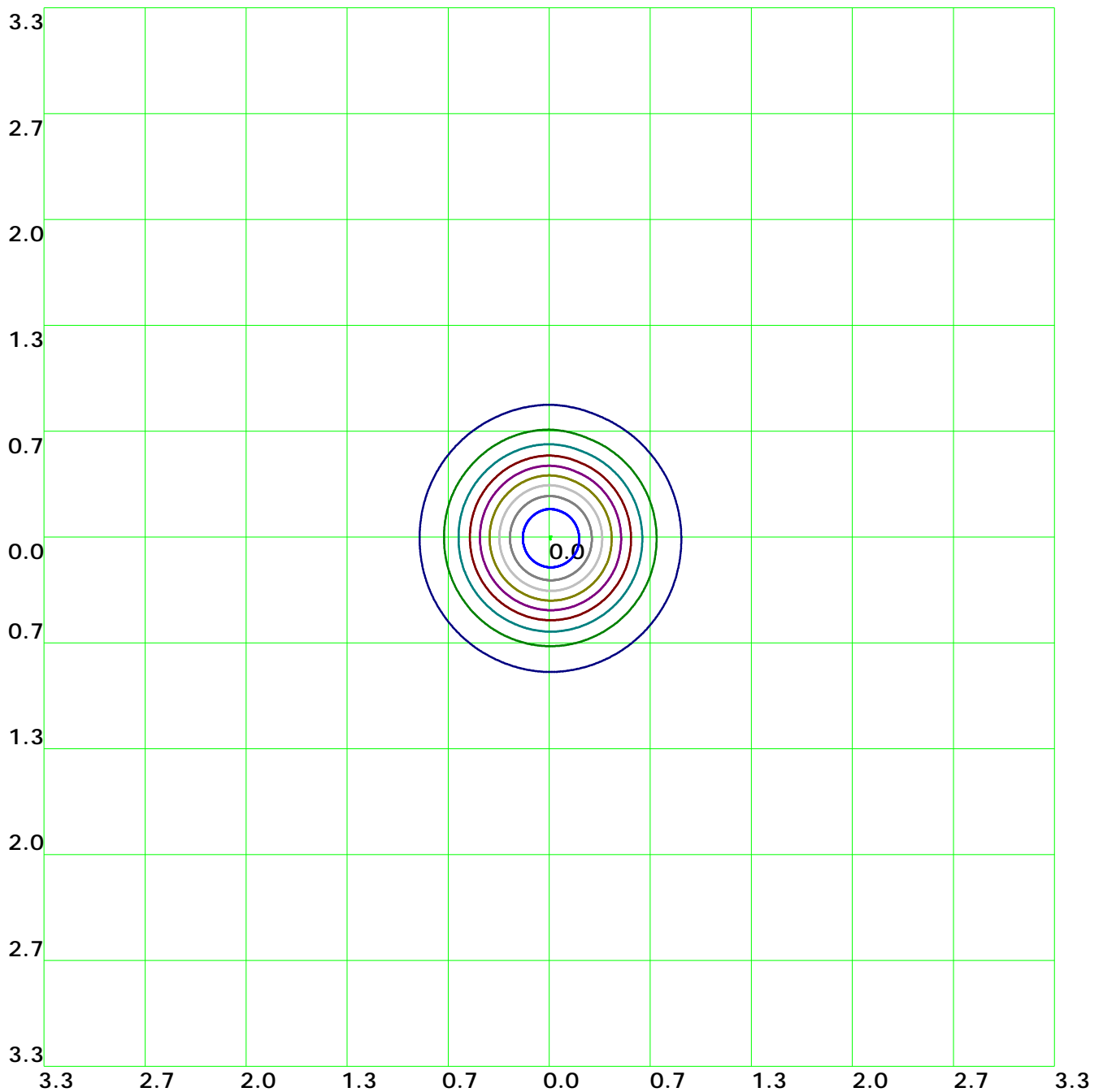


## Isocandela(rectangle)



(10%): 17659.9cd (20%): 35319.8cd (30%): 52979.8cd (40%): 70639.7cd  
(50%): 88299.6cd (60%): 105959.5cd (70%): 123619.4cd (80%): 141279.4cd  
(90%): 158939.3cd (100%): 176599.2cd

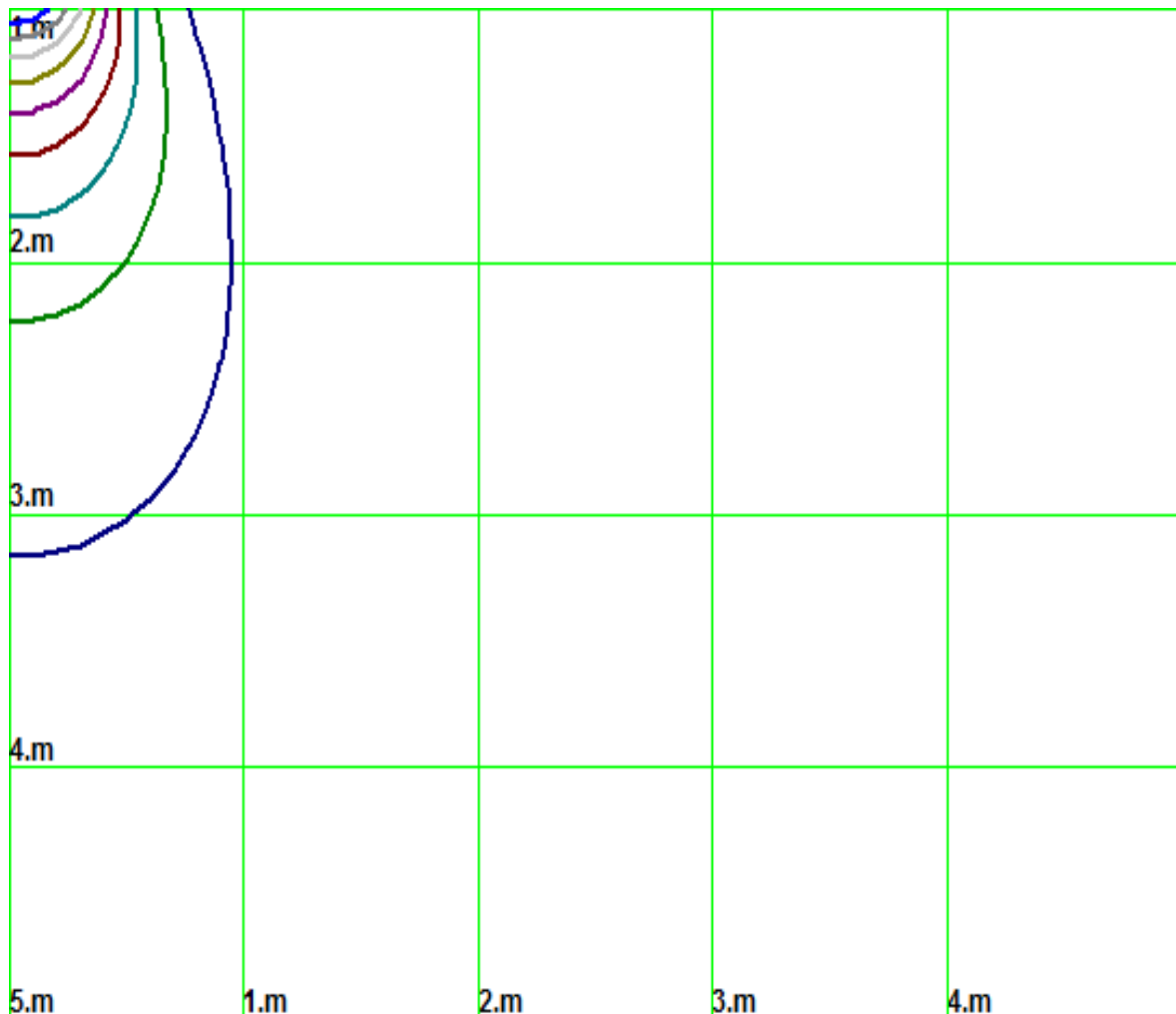
## Isolx curve



Height: 1 m

(10%): 17659.9lx (20%): 35319.8lx (30%): 52979.8lx (40%): 70639.7lx  
(50%): 88299.6lx (60%): 105959.5lx (70%): 123619.4lx (80%): 141279.4lx  
(90%): 158939.3lx (100%): 176422.6lx

## Space Isolx Curve



(10%): 17659.9lx (20%): 35319.8lx (30%): 52979.8lx (40%): 70639.7lx  
 (50%): 88299.6lx (60%): 105959.5lx (70%): 123619.4lx (80%): 141279.4lx  
 (90%): 158939.3lx (100%): 176422.6lx



## Luminance Limiting Curve

Diameter: .842mm

Length: .842mm

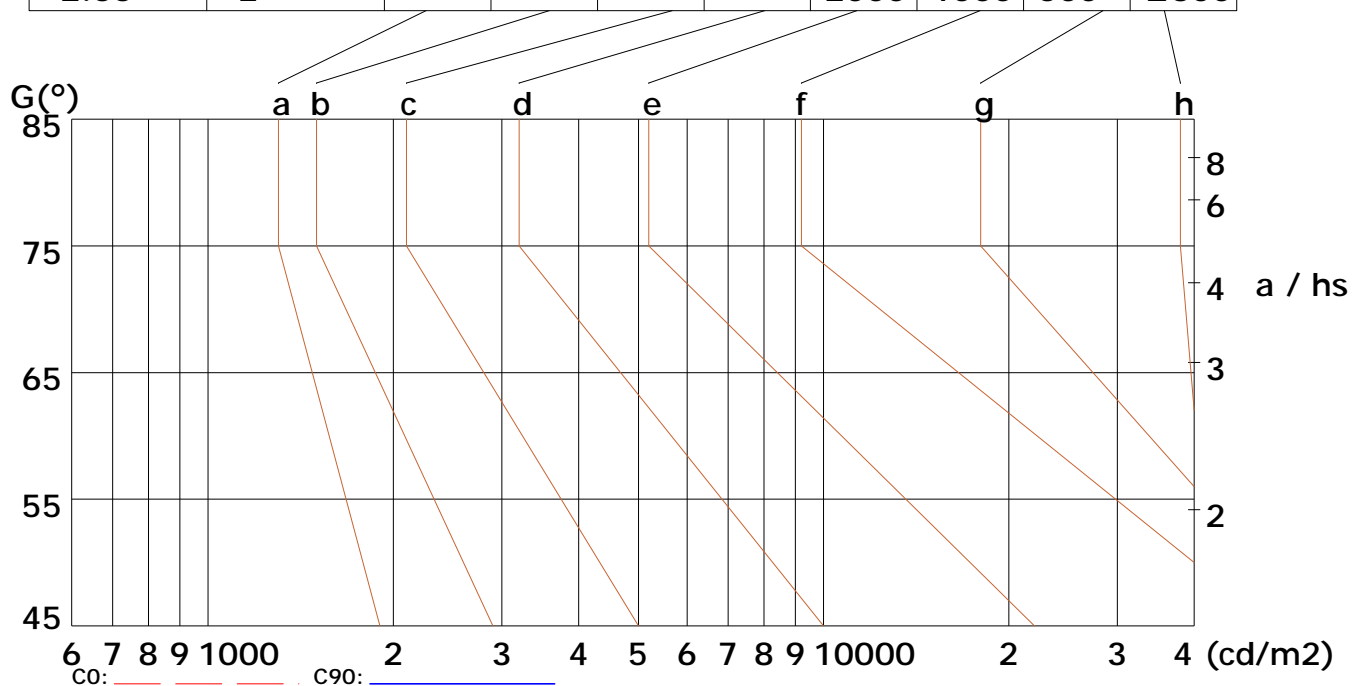
Width: .579mm

Height: .199mm

(cd/m2)

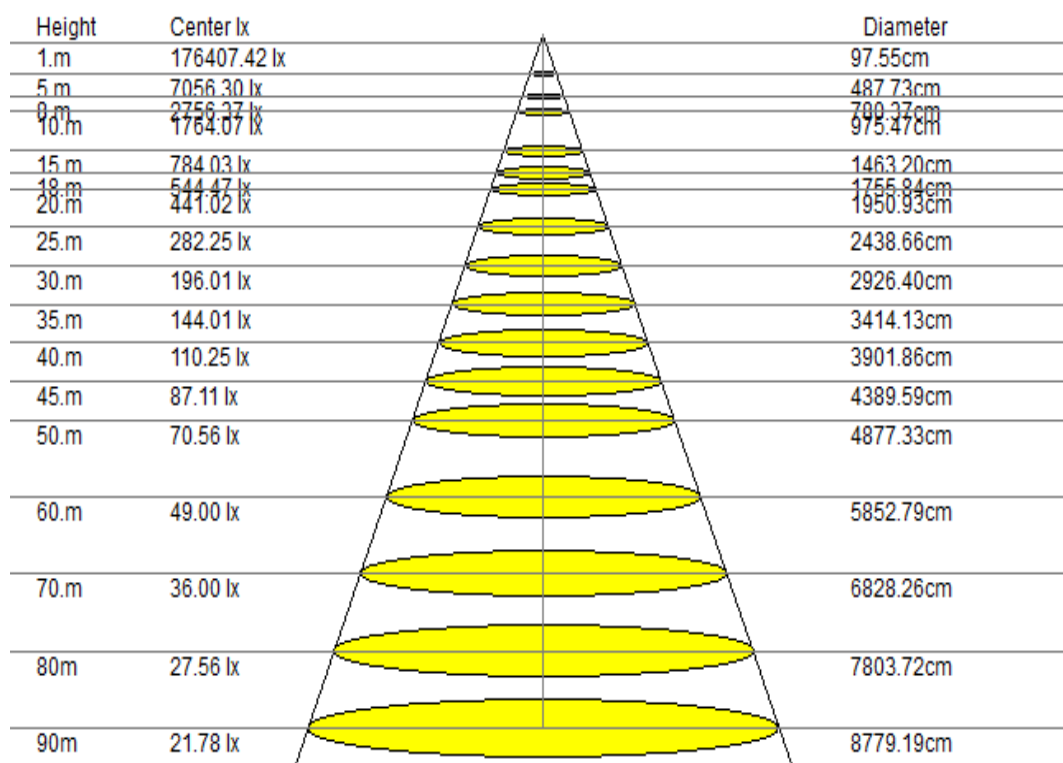
$\gamma$	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	665395	518085	412327	344418	305067	281420	266234	281628	357603
C90	683745	529614	413888	323373	262930	222547	187963	152173	143722

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

