

## Luminaire Property

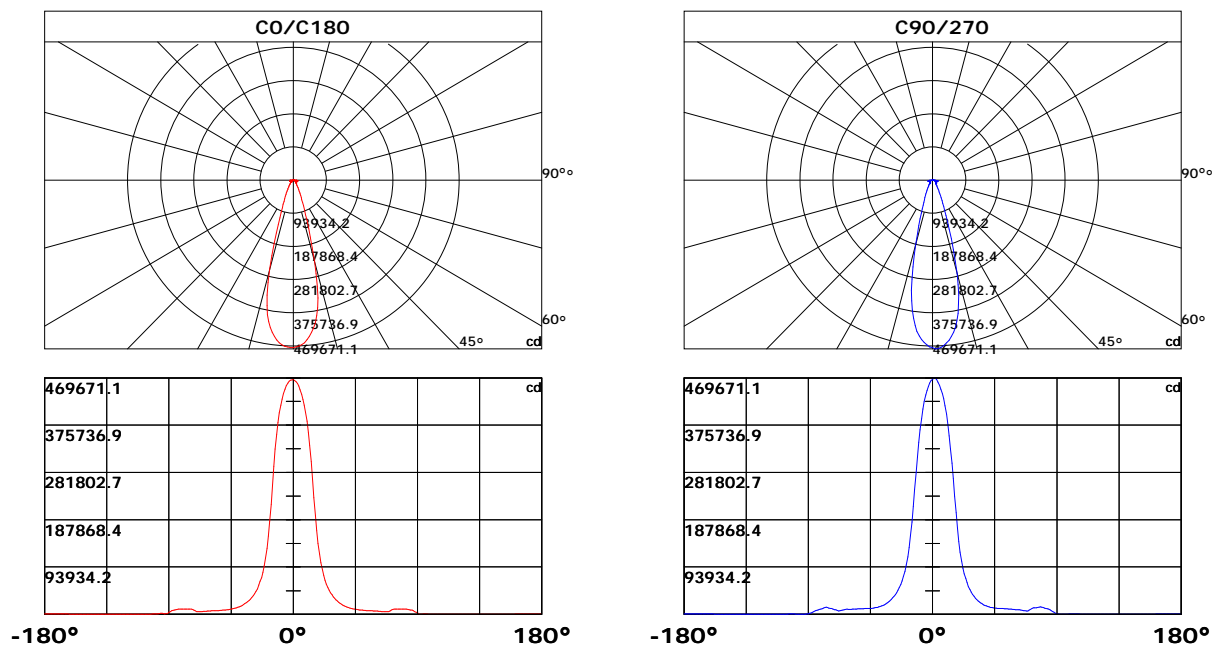
Luminaire Description: T500-1200W-30D  
Luminaire Category: LED FLOOD LIGHT  
Lamp Category:  
Lamp Description: CO-T500-1200W-30D  
Number of Lamp: 1  
Lamp Lumens(lm): 187361.6  
Luminous Length(m): 0.997  
Luminous Width(m): 0.579  
Luminous Height(m): 0.274

Voltage: 220.5 V  
Current: 4.89 A  
Power: 1198.2 W  
Power Factor: 0.964  
Test Lab: Huipu-lab  
Photometric Type: Type C  
Manufactory: SHENZHEN COMING TECHNOLOGY CO., LTD

## Photometric Results

CIE Class: Direct  
Measurement Flux: 187361.60 lm  
Efficiency: 156.3692 lm/W  
Central Intensity: 466430.7cd  
Max. Intensity: 469671.104cd  
Field Angle(10%Imax): Left: -26.1 Right: 26.4

Max.Intensity Angle: C:90.0 G:1.0  
Beam Angle(50%Imax): L: -14.4 R:15.0  
Luminaire Efficacy Rating(LER): 100.00%  
Upward Ratio: 0.65%  
Downward Ratio: 99.35%



## 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	466430.7	464446.7	462311.6	458848.4	453292.9	445865.8	437062.2	427004.4	415282.4	401022.1
C22.5	466430.7	466350.8	464822.6	461725.7	456712.0	449820.2	441460.5	431376.2	419065.3	404637.6
C45.0	466430.7	465939.6	464932.8	461917.9	457055.5	450476.8	440865.4	431216.0	419104.8	404842.7
C67.5	466430.7	466465.0	465363.2	462064.3	456912.2	450394.2	442745.8	433667.8	423246.1	410295.7
C90.0	466430.7	469671.1	469031.3	465878.7	461017.2	454635.0	447442.0	438383.1	427830.8	414297.6
C112.5	466430.7	469320.6	468968.9	466323.9	462147.4	456343.3	449372.1	440754.4	431550.9	419377.3
C135.0	466430.7	468189.6	468051.1	466225.3	462667.9	457223.7	450331.0	441497.3	430944.0	418395.8
C157.5	466430.7	467058.7	466888.9	465525.0	462458.7	457595.3	450956.5	442252.9	431577.8	418934.4
C180.0	466430.7	465695.8	464873.1	462917.5	459455.8	454058.6	447068.5	438331.2	427716.9	415472.3
C202.5	466430.7	465470.9	463565.5	460182.1	455247.6	449005.9	440517.8	429801.6	416554.6	400659.1
C225.0	466430.7	463281.4	459685.4	455364.4	449258.8	442062.2	433254.1	422094.1	408046.9	390851.5
C247.5	466430.7	462528.5	458038.3	452447.1	445185.3	436476.3	425827.4	412255.3	395579.5	375523.2
C270.0	466430.7	464558.1	459241.0	452546.7	444741.1	435463.6	422834.8	407407.8	388374.6	366110.8
C292.5	466430.7	464451.6	459494.4	453131.6	445503.2	436470.6	425198.0	410966.1	393591.8	372570.6
C315.0	466430.7	463892.7	459635.9	454069.5	446532.9	437654.9	426625.8	413180.5	396890.0	377457.5
C337.5	466430.7	464085.6	460951.9	456297.2	449492.2	440980.3	430136.1	417371.0	402026.3	383865.6
C360.0	466430.7	464446.7	462311.6	458848.4	453292.9	445865.8	437062.2	427004.4	415282.4	401022.1
C\G	G10.0	G11.0	G12.0	G13.0	G14.0	G15.0	G16.0	G17.0	G18.0	G19.0
C0.0	383288.2	361474.8	335497.7	303702.6	268362.6	231662.2	196582.7	166011.1	140375.1	119388.2
C22.5	386935.8	365749.8	340881.0	311426.1	278669.6	243184.3	207910.7	176156.5	149030.8	126828.4
C45.0	387430.5	367540.7	344297.2	317453.9	286826.1	252385.1	217377.8	184810.7	156109.7	132376.3
C67.5	394091.3	373801.9	350369.2	324049.8	293768.3	260405.4	224742.6	190793.7	161367.4	136507.6
C90.0	397750.4	377526.0	354359.2	328661.1	300081.2	269670.1	234999.9	201580.6	171123.6	144663.5
C112.5	405323.7	387264.3	365895.6	341524.8	311924.2	279526.2	243245.7	207721.4	176059.5	148013.8
C135.0	403311.1	385277.2	364189.7	339011.3	309442.5	275895.7	239979.5	204387.1	172250.6	145309.9
C157.5	403704.1	385499.3	362843.0	336133.4	303953.0	268654.4	231579.0	196197.2	165116.4	139631.9
C180.0	400080.8	381291.6	357421.4	328450.9	293686.0	256371.0	218550.4	184554.8	155267.4	130966.0
C202.5	380967.4	358107.9	330777.0	299325.9	264391.2	228763.9	194231.1	164258.1	139220.9	118695.4
C225.0	370037.1	344848.8	315434.5	281460.1	245520.7	210196.7	177986.3	150403.3	127750.3	109300.1
C247.5	352418.1	325482.4	294639.0	260872.5	225883.3	193079.9	163497.5	138660.8	118304.0	101711.8
C270.0	341399.4	312564.1	281779.1	248235.8	214403.1	183395.0	155776.5	132832.2	113808.4	98007.3
C292.5	348553.1	320153.4	288940.9	253959.3	219806.9	187830.9	158942.5	135025.3	115348.8	99219.6
C315.0	354857.7	327848.4	297656.2	263803.6	228860.7	195605.3	165793.6	140919.5	120075.2	103265.7
C337.5	362652.2	337622.8	309832.8	277761.2	242974.4	208846.7	177601.6	150463.1	128170.4	109846.6
C360.0	383288.2	361474.8	335497.7	303702.6	268362.6	231662.2	196582.7	166011.1	140375.1	119388.2
C\G	G20.0	G21.0	G22.0	G23.0	G24.0	G25.0	G26.0	G27.0	G28.0	G29.0
C0.0	102458.5	88538.3	77198.4	67859.8	59914.0	53307.3	47630.1	42724.7	38563.3	34783.8
C22.5	108409.3	93673.7	81573.5	71395.8	62995.3	55932.5	49873.8	44640.2	40108.4	36109.5
C45.0	113028.4	97524.0	84736.0	73988.6	65193.7	57671.1	51381.5	45921.5	41255.2	37090.9
C67.5	116280.6	99896.6	86436.7	75569.6	66379.6	58644.4	52186.1	46552.7	41765.7	37499.0
C90.0	123507.7	105810.9	91562.2	79908.0	71621.7	63335.4	55050.8	48994.8	43853.5	39358.6

## Light intensity data Unit[cd]

C112.5	125498.5	107337.8	92622.6	80535.9	72074.5	63613.2	55180.6	49153.2	43927.0	39453.5
C135.0	123152.8	105459.9	91177.0	79305.1	70997.4	62689.9	54390.8	48491.1	43419.4	39012.1
C157.5	118636.7	101625.7	87847.4	76507.7	68624.2	60740.7	52913.8	47269.6	42344.9	38109.2
C180.0	111601.8	95787.0	83139.2	72802.4	65381.4	57960.5	50570.4	45286.7	40747.7	36806.3
C202.5	101864.8	88207.6	77227.3	69358.7	61490.0	53671.5	48028.2	43216.9	38960.2	35253.7
C225.0	94149.0	82186.3	74325.3	66464.4	58603.5	50766.5	45621.2	41150.7	37252.3	33807.2
C247.5	88302.9	77398.0	69639.0	61880.1	54121.8	48579.9	43836.3	39613.5	35925.6	32635.9
C270.0	85478.8	75271.1	66418.7	59203.3	52938.2	47551.3	42940.0	38724.0	35126.1	32235.5
C292.5	86195.2	75558.4	66561.6	59178.1	52882.4	47512.3	42855.0	38721.9	35118.0	32247.1
C315.0	89244.2	78198.1	68805.6	61000.8	54285.3	48611.7	43766.6	39437.1	35670.0	32659.2
C337.5	94675.3	82684.4	72359.4	63984.1	56830.4	50762.0	45534.0	40829.0	36857.3	33238.2
C360.0	102458.5	88538.3	77198.4	67859.8	59914.0	53307.3	47630.1	42724.7	38563.3	34783.8
C\G	G30.0	G31.0	G32.0	G33.0	G34.0	G35.0	G36.0	G37.0	G38.0	G39.0
C0.0	31858.3	28940.8	26023.1	23704.9	21644.8	19825.9	18217.7	16795.6	15531.3	14411.0
C22.5	33029.1	29954.8	26880.4	24503.7	22420.9	20554.0	18915.1	17476.7	16209.8	15108.8
C45.0	33504.2	30512.7	27526.5	25108.9	22936.2	20985.6	19271.7	17746.9	16405.8	15221.4
C67.5	33819.6	30793.0	27779.9	25290.2	23103.0	21141.5	19407.3	17879.9	16539.2	15351.6
C90.0	35409.9	32023.6	29032.5	26405.2	24153.3	22110.0	20362.0	18813.1	17466.7	16349.7
C112.5	35443.5	32072.0	29104.7	26422.7	24113.6	21991.7	20157.7	18544.9	17098.9	15855.1
C135.0	35121.5	31745.7	28814.0	26153.2	23893.3	21832.4	20032.8	18429.9	17013.3	15767.1
C157.5	34421.0	31088.6	28223.2	25690.0	23460.5	21456.8	19725.4	18148.8	16773.7	15586.9
C180.0	33278.0	30179.3	27456.5	24974.1	22818.4	20846.0	19114.3	17580.7	16229.3	15026.0
C202.5	31937.1	28992.1	26406.6	24112.0	22105.3	20298.7	18709.1	17286.4	16057.6	14983.3
C225.0	30745.7	28006.9	25592.8	23417.8	21482.8	19743.4	18198.9	16820.4	15598.6	14537.8
C247.5	29643.6	27099.2	24765.5	22671.9	20855.0	19187.0	17724.8	16421.7	15252.0	14230.7
C270.0	29369.8	26504.2	24190.8	22239.0	20478.8	18892.1	17550.5	16355.2	15338.4	14488.2
C292.5	29379.4	26511.6	24203.0	22179.9	20345.6	18728.2	17287.1	15997.3	14881.1	13881.4
C315.0	29664.3	26669.4	24348.1	22317.2	20499.0	18869.7	17452.2	16166.3	15051.3	14062.9
C337.5	30293.6	27361.0	24922.5	22797.4	20930.9	19240.2	17781.5	16465.7	15340.3	14333.6
C360.0	31858.3	28940.8	26023.1	23704.9	21644.8	19825.9	18217.7	16795.6	15531.3	14411.0
C\G	G40.0	G41.0	G42.0	G43.0	G44.0	G45.0	G46.0	G47.0	G48.0	G49.0
C0.0	13430.5	12555.3	11775.5	11094.1	10480.7	9958.3	9481.0	9051.1	8684.9	8366.0
C22.5	14170.5	13350.5	12657.6	12068.4	11546.6	11099.3	10709.8	10387.6	10109.7	9870.8
C45.0	14167.7	13277.6	12494.0	11815.4	11233.3	10752.0	10355.6	10013.1	9666.3	9330.6
C67.5	14321.0	13411.9	12614.7	11922.0	11318.9	10796.6	10359.3	9972.6	9647.0	9358.2
C90.0	15343.3	14538.9	13839.0	13282.2	12843.1	12471.6	12182.8	11977.5	11808.8	11651.1
C112.5	14720.1	13751.7	12896.3	12139.0	11499.5	10927.7	10421.5	10009.7	9626.8	9310.3
C135.0	14634.7	13676.9	12851.3	12123.5	11501.7	10969.9	10511.2	10127.6	9787.5	9512.4
C157.5	14526.5	13623.5	12832.8	12149.2	11574.8	11091.2	10683.8	10341.2	10062.0	9824.9
C180.0	13959.6	13023.2	12206.4	11473.6	10832.5	10272.7	9773.4	9339.1	8960.4	8627.2
C202.5	14057.7	13263.7	12580.7	12014.7	11535.9	11144.3	10812.2	10533.8	10322.6	10148.1
C225.0	13571.9	12755.9	12031.8	11400.3	10862.5	10390.5	9997.6	9658.7	9359.7	9100.6

## Light intensity data Unit[cd]

C247.5	13334.2	12557.6	11890.4	11299.4	10798.4	10366.3	9991.8	9688.1	9410.7	9179.6
C270.0	13746.5	13157.6	12677.8	12286.7	12004.0	11772.7	11598.2	11460.7	11358.9	11271.7
C292.5	13005.8	12242.2	11577.3	11004.3	10496.6	10056.3	9677.4	9349.7	9065.3	8825.6
C315.0	13196.2	12442.8	11786.9	11245.0	10797.6	10443.9	10133.1	9824.2	9485.5	9173.9
C337.5	13473.2	12731.2	12089.5	11539.7	11047.6	10634.3	10273.7	9967.6	9705.3	9477.7
C360.0	13430.5	12555.3	11775.5	11094.1	10480.7	9958.3	9481.0	9051.1	8684.9	8366.0
C\G	G50.0	G51.0	G52.0	G53.0	G54.0	G55.0	G56.0	G57.0	G58.0	G59.0
C0.0	8097.8	7864.9	7659.2	7480.4	7313.7	7159.8	7020.4	6879.0	6728.7	6588.1
C22.5	9665.6	9456.9	9277.7	9097.3	8913.7	8720.8	8514.7	8323.6	8119.5	7986.3
C45.0	9020.8	8771.0	8560.8	8390.6	8250.4	8110.0	7950.6	7752.0	7537.0	7351.5
C67.5	9121.6	8915.0	8749.1	8620.5	8519.2	8428.6	8307.7	8115.5	7919.2	7724.0
C90.0	11509.4	11355.9	11196.3	10990.2	10764.5	10563.3	10372.0	10034.5	9736.3	9498.4
C112.5	9038.4	8814.7	8622.4	8461.4	8337.4	8239.0	8117.0	7960.9	7776.0	7589.9
C135.0	9276.0	9096.5	8970.6	8842.0	8686.8	8486.5	8284.4	8065.6	7833.5	7632.1
C157.5	9607.3	9401.1	9211.1	9031.2	8856.6	8672.2	8456.8	8236.4	8029.2	7833.2
C180.0	8335.3	8082.9	7878.0	7695.8	7524.2	7375.0	7223.4	7075.4	6929.9	6778.4
C202.5	9991.4	9851.5	9706.0	9564.1	9381.5	9201.2	8998.5	8784.3	8606.9	8432.0
C225.0	8889.5	8713.1	8566.8	8461.7	8359.4	8251.8	8115.5	7944.1	7728.9	7512.7
C247.5	8980.0	8813.6	8674.2	8566.8	8472.9	8398.7	8301.7	8154.8	7948.7	7749.4
C270.0	11183.0	11093.2	10997.3	10890.7	10751.6	10613.1	10455.8	10195.0	9959.4	9768.1
C292.5	8622.8	8455.2	8324.1	8215.7	8119.5	8036.8	7934.1	7793.6	7625.0	7445.4
C315.0	8926.1	8711.0	8545.0	8401.0	8267.0	8120.7	7961.3	7778.1	7572.6	7388.8
C337.5	9274.7	9088.1	8918.4	8754.2	8593.6	8416.7	8238.8	8045.9	7858.7	7722.2
C360.0	8097.8	7864.9	7659.2	7480.4	7313.7	7159.8	7020.4	6879.0	6728.7	6588.1
C\G	G60.0	G61.0	G62.0	G63.0	G64.0	G65.0	G66.0	G67.0	G68.0	G69.0
C0.0	6429.0	6253.6	6061.8	5856.2	5650.5	5446.2	5240.7	5055.5	4948.5	5377.3
C22.5	7867.1	7780.9	7677.3	7585.1	7468.7	7157.0	6802.1	6465.2	6182.8	6531.0
C45.0	7181.3	7027.3	6882.1	6728.3	6552.4	6359.7	6169.4	5990.9	5831.3	5843.6
C67.5	7521.1	7315.7	7111.9	6913.0	6708.4	6486.9	6252.9	6005.6	5777.5	5582.4
C90.0	9310.1	9196.0	9385.7	9248.1	8489.0	7968.9	7510.0	6840.9	6559.7	6737.9
C112.5	7395.5	7184.2	6981.7	6784.3	6580.9	6384.2	6186.9	6015.1	5859.0	5703.8
C135.0	7468.2	7311.0	7160.2	6991.2	6806.9	6618.1	6442.7	6289.7	6081.0	5847.2
C157.5	7686.5	7547.5	7422.7	7268.1	7090.4	6924.9	6703.6	6424.6	6117.0	5908.9
C180.0	6629.8	6464.2	6286.7	6113.1	5914.7	5715.1	5516.0	5331.4	5162.1	5067.5
C202.5	8291.2	8199.1	8185.2	8155.7	8078.5	7769.7	7331.6	6873.0	6508.4	6308.2
C225.0	7328.2	7163.4	6998.2	6831.0	6647.7	6450.1	6217.7	6010.1	5814.3	5673.1
C247.5	7564.0	7359.2	7167.7	6976.3	6773.6	6567.4	6333.6	6087.6	5870.3	5667.1
C270.0	9623.3	9652.6	10020.4	9855.4	9055.9	8517.5	7837.0	7004.1	6705.4	7723.1
C292.5	7258.4	7052.6	6841.1	6631.1	6426.6	6220.9	6005.5	5790.8	5585.0	5440.6
C315.0	7229.4	7082.6	6917.0	6740.2	6543.4	6372.4	6202.8	6037.6	5842.7	5743.5
C337.5	7611.9	7513.9	7415.9	7316.1	7173.9	7040.7	6757.0	6413.9	6138.8	6284.6
C360.0	6429.0	6253.6	6061.8	5856.2	5650.5	5446.2	5240.7	5055.5	4948.5	5377.3

## 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	6659.1	8127.1	9777.6	10520.3	10550.1	10533.1	10534.8	10538.9	10522.5	10477.0
C22.5	7926.9	9967.2	11620.1	12137.6	12095.0	12259.4	12718.5	12644.4	12011.2	11532.4
C45.0	6823.2	9221.5	11527.5	12524.9	12405.6	12102.3	11922.7	11847.5	11633.1	11389.7
C67.5	5912.7	8033.4	11174.6	12595.8	12527.2	12223.1	12024.2	11938.3	11814.8	11708.0
C90.0	8751.3	9447.9	11686.1	13075.9	12958.1	12724.0	13392.2	14366.6	14498.9	13960.0
C112.5	5764.9	7481.1	10355.8	11818.9	11900.0	11678.1	11548.8	11570.3	11581.2	11576.0
C135.0	5928.2	7523.0	9531.2	10988.3	11468.4	11521.0	11551.9	11606.6	11680.1	11535.9
C157.5	6255.0	7789.5	9519.0	10729.3	11431.0	11637.9	11790.4	12079.2	12208.9	11580.5
C180.0	5476.3	7015.7	8760.3	9726.1	10408.3	10564.5	10501.5	10381.1	10278.3	10200.5
C202.5	6948.2	8662.3	10301.5	11145.4	11712.6	12265.6	13513.6	14478.4	13338.4	11577.3
C225.0	5809.6	7130.5	8830.6	10144.2	10904.9	11042.5	11077.0	11118.7	11139.4	10970.2
C247.5	5614.4	6272.6	8039.9	9889.9	10881.2	11007.0	10925.7	10845.8	10776.4	10646.6
C270.0	9263.0	9260.7	10381.2	11270.8	11672.6	12264.9	13276.2	13901.3	13382.5	12373.1
C292.5	5973.7	8008.0	9927.1	10482.8	10486.5	10463.7	10508.0	10541.9	10542.4	10448.0
C315.0	6557.2	8276.7	9849.4	10542.7	10639.5	10716.3	10850.1	10964.9	10882.3	10511.3
C337.5	7564.1	9058.2	10530.1	11326.6	11517.9	11960.1	12456.3	12402.5	11656.4	10933.3
C360.0	6659.1	8127.1	9777.6	10520.3	10550.1	10533.1	10534.8	10538.9	10522.5	10477.0
C\G	G80.0	G81.0	G82.0	G83.0	G84.0	G85.0	G86.0	G87.0	G88.0	G89.0
C0.0	10356.6	10164.5	9966.4	9736.9	9199.1	8738.0	8082.0	7025.3	5630.0	4190.5
C22.5	11195.7	10948.3	10471.9	9787.9	8937.7	7911.7	6719.6	5478.3	4321.8	3346.6
C45.0	11102.3	10884.0	10693.7	10504.5	10255.2	9816.4	9238.1	8469.6	7229.7	5559.1
C67.5	11556.3	11283.8	11012.1	10735.6	10492.5	10135.8	9638.4	8865.3	7294.1	4816.4
C90.0	13193.0	12347.5	11580.6	10873.2	10151.9	9009.0	7330.6	5511.3	3873.7	2469.7
C112.5	11546.0	11479.8	11315.6	11211.4	10875.5	10397.7	9870.3	9166.3	8006.9	6202.8
C135.0	11210.5	10949.6	10749.1	10594.4	10271.1	9765.0	9179.8	8506.4	7674.1	6460.4
C157.5	10886.2	10628.6	10417.3	10063.6	9500.7	8824.7	8017.3	7102.1	6099.3	5059.8
C180.0	10149.0	10102.4	10013.9	10125.8	9766.1	9244.3	8799.7	7994.2	6748.8	5395.7
C202.5	10700.5	10448.2	10215.5	9726.5	9077.6	8255.1	7271.1	6123.4	4970.3	3938.8
C225.0	10520.9	10043.7	9686.1	9394.8	9145.0	8853.0	8422.6	7821.1	6963.2	5652.5
C247.5	10459.7	10134.4	9728.1	9414.5	9142.5	8767.7	8396.8	7846.8	6967.5	5230.3
C270.0	11203.6	10216.4	9486.5	8758.7	8022.3	6897.8	5338.6	3889.6	2684.1	1789.7
C292.5	10300.3	10021.9	9703.7	9384.8	8944.7	8522.0	7972.1	7235.3	6082.6	4432.0
C315.0	10137.9	9775.9	9424.8	9141.2	8724.1	8175.0	7424.4	6235.6	4575.0	3279.7
C337.5	10540.5	10289.9	9873.9	9323.2	8648.6	7819.0	6581.5	5116.0	3894.8	2879.2
C360.0	10356.6	10164.5	9966.4	9736.9	9199.1	8738.0	8082.0	7025.3	5630.0	4190.5
C\G	G90.0	G91.0	G92.0	G93.0	G94.0	G95.0	G96.0	G97.0	G98.0	G99.0
C0.0	3142.7	154.4	65.6	64.1	525.8	595.7	665.5	397.3	249.0	150.5
C22.5	2096.6	1236.3	931.5	881.7	831.9	835.0	838.2	585.8	363.9	221.7
C45.0	3875.4	139.1	64.5	59.2	56.0	427.5	439.4	240.6	199.5	206.3
C67.5	3045.2	196.0	71.0	64.5	61.3	62.3	73.6	58.3	54.1	55.0
C90.0	1368.8	620.8	55.9	53.8	53.8	52.8	52.8	53.2	139.8	586.7

## Light intensity data Unit[cd]

C112.5	4148.2	1998.0	67.2	60.1	61.1	61.1	61.1	63.1	46.5	42.5
C135.0	4988.2	2619.3	64.1	59.9	59.9	64.2	534.7	600.0	665.3	427.6
C157.5	3996.3	1366.0	1103.7	1033.3	962.9	1077.7	1192.4	997.9	866.2	742.0
C180.0	4294.6	1525.0	1337.9	1150.9	1501.0	1806.9	2112.9	1612.6	1083.9	786.5
C202.5	2949.4	1671.8	1113.0	1033.7	954.3	1043.5	1132.6	938.2	809.2	697.6
C225.0	4215.8	2806.6	61.1	59.0	58.1	70.8	394.0	469.4	544.7	331.4
C247.5	3287.1	2293.3	281.8	56.0	52.9	49.8	49.8	49.8	49.9	50.8
C270.0	1130.5	737.5	103.0	52.1	47.7	45.6	43.5	41.4	40.4	141.8
C292.5	2829.0	1976.8	142.6	60.2	55.0	50.8	50.7	56.8	46.7	42.5
C315.0	2290.9	1367.6	81.7	53.8	48.7	47.6	64.6	69.1	73.6	64.0
C337.5	1985.8	188.4	62.2	56.8	348.2	395.0	224.3	157.4	113.2	108.6
C360.0	3142.7	154.4	65.6	64.1	525.8	595.7	665.5	397.3	249.0	150.5
C\G	G100.0	G101.0	G102.0	G103.0	G104.0	G105.0	G106.0	G107.0	G108.0	G109.0
C0.0	91.4	60.9	47.6	43.4	55.6	120.0	143.5	110.0	79.2	37.0
C22.5	114.0	65.9	55.1	106.7	162.4	165.9	107.1	49.7	30.6	27.0
C45.0	213.2	226.8	139.4	61.5	33.5	31.1	31.1	29.1	28.0	27.0
C67.5	54.0	54.0	54.0	54.0	50.4	46.9	41.6	39.5	36.4	36.4
C90.0	862.4	936.3	1010.1	884.0	766.4	639.7	488.1	335.6	245.0	116.4
C112.5	41.4	41.4	41.4	42.5	39.4	36.2	34.1	33.1	33.1	30.1
C135.0	217.5	90.2	49.7	48.3	24.8	23.8	23.8	23.8	23.8	23.8
C157.5	598.0	436.3	289.6	167.3	81.5	51.6	50.3	30.0	27.9	26.8
C180.0	642.1	522.5	396.0	271.3	160.4	80.8	50.6	49.3	29.8	23.7
C202.5	570.9	422.5	281.0	153.6	76.6	50.7	45.4	28.0	27.0	27.0
C225.0	152.5	67.4	50.7	33.1	30.0	27.0	27.0	27.0	27.0	27.0
C247.5	51.9	51.9	49.8	47.7	39.4	34.3	35.3	34.3	34.3	34.3
C270.0	673.1	744.3	647.2	542.8	408.3	262.2	141.5	77.2	30.5	27.0
C292.5	41.4	40.4	40.4	40.4	41.4	40.4	37.4	36.2	33.2	31.1
C315.0	69.7	75.5	72.1	68.8	36.5	33.1	32.1	29.1	30.0	28.9
C337.5	80.1	63.2	46.8	42.5	62.8	75.9	89.0	57.6	31.3	30.0
C360.0	91.4	60.9	47.6	43.4	55.6	120.0	143.5	110.0	79.2	37.0
C\G	G110.0	G111.0	G112.0	G113.0	G114.0	G115.0	G116.0	G117.0	G118.0	G119.0
C0.0	30.1	30.0	30.0	30.0	30.0	30.0	30.0	30.0	19.8	18.6
C22.5	27.0	25.9	25.9	24.9	24.9	23.8	22.8	22.8	22.8	22.8
C45.0	27.0	25.9	25.9	25.9	23.8	23.8	22.8	23.8	21.8	21.8
C67.5	33.2	34.3	32.2	31.1	30.1	28.1	28.0	27.0	27.0	27.0
C90.0	88.0	52.0	23.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8
C112.5	30.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
C135.0	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
C157.5	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
C180.0	23.7	22.7	21.6	21.8	22.7	21.6	20.7	20.7	20.7	21.8
C202.5	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
C225.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0



## Light intensity data Unit[cd]

C247.5	34.3	33.1	29.1	29.1	28.0	28.0	28.0	28.0	28.0	28.0
C270.0	25.9	23.8	23.8	22.8	21.8	19.7	20.7	18.6	18.6	18.6
C292.5	31.0	31.0	29.1	29.1	27.0	27.0	25.9	24.9	24.9	22.8
C315.0	28.9	28.9	27.9	26.8	26.8	26.8	25.8	24.9	22.8	22.8
C337.5	28.9	30.0	28.0	27.9	28.9	27.9	26.8	24.8	24.8	24.8
C360.0	30.1	30.0	30.0	30.0	30.0	30.0	30.0	30.0	19.8	18.6
C\G	G120.0	G121.0	G122.0	G123.0	G124.0	G125.0	G126.0	G127.0	G128.0	G129.0
C0.0	21.6	26.8	31.9	33.1	33.1	34.1	36.1	38.2	41.3	33.0
C22.5	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
C45.0	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
C67.5	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
C90.0	21.8	21.8	21.8	20.7	20.7	20.7	20.7	20.7	22.8	21.8
C112.5	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	30.0	29.1
C135.0	23.8	23.8	23.8	23.8	23.8	23.8	24.9	25.8	26.8	27.9
C157.5	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
C180.0	24.8	30.0	31.0	32.1	32.1	32.1	32.1	32.1	33.0	31.9
C202.5	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
C225.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	28.0	28.0
C247.5	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	29.1
C270.0	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6
C292.5	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8
C315.0	22.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8
C337.5	24.8	24.8	24.8	23.7	23.7	23.7	23.7	23.7	23.7	23.7
C360.0	21.6	26.8	31.9	33.1	33.1	34.1	36.1	38.2	41.3	33.0
C\G	G130.0	G131.0	G132.0	G133.0	G134.0	G135.0	G136.0	G137.0	G138.0	G139.0
C0.0	24.8	24.8	23.8	54.9	58.9	65.0	70.1	73.2	48.2	46.5
C22.5	22.8	22.8	22.8	23.8	31.9	34.1	35.2	36.2	35.3	40.3
C45.0	20.7	20.7	20.7	20.7	20.7	20.7	21.8	23.7	27.9	33.1
C67.5	27.0	27.0	27.0	27.0	27.0	28.0	29.1	33.2	33.2	37.4
C90.0	21.8	24.9	23.8	25.9	27.0	27.0	29.1	31.1	33.2	35.2
C112.5	33.2	34.3	37.3	36.2	36.2	36.2	36.2	36.4	38.3	39.4
C135.0	27.9	27.9	28.9	28.9	30.0	31.0	31.0	32.1	32.2	35.2
C157.5	26.8	28.9	30.0	28.9	31.0	31.0	32.1	31.0	33.1	35.2
C180.0	29.8	24.8	23.7	26.3	41.3	41.3	41.3	42.4	38.3	40.3
C202.5	27.0	27.0	28.0	28.0	30.1	29.1	29.1	33.2	36.4	37.5
C225.0	28.0	28.0	29.1	29.1	31.1	33.2	34.3	37.4	39.5	42.6
C247.5	29.1	30.1	32.2	34.3	35.3	36.4	37.4	39.5	41.6	42.6
C270.0	17.6	17.6	17.6	18.6	20.6	22.8	24.8	33.0	33.1	38.3
C292.5	21.8	21.8	22.8	23.8	25.9	30.0	31.0	33.1	36.2	42.4
C315.0	21.8	21.8	21.8	22.7	22.8	24.8	30.9	34.0	33.1	38.2
C337.5	23.7	24.8	25.8	31.9	33.1	35.1	34.1	35.1	38.2	42.4
C360.0	24.8	24.8	23.8	54.9	58.9	65.0	70.1	73.2	48.2	46.5

## 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	48.6	52.6	60.7	69.1	79.2	87.7	107.0	123.9	143.1	162.6
C22.5	48.6	50.7	58.9	67.2	76.6	86.8	99.3	115.6	134.5	153.1
C45.0	37.3	44.6	51.9	59.9	69.2	83.8	97.2	113.9	131.1	151.3
C67.5	41.4	48.6	51.9	60.2	67.5	78.8	87.1	99.4	114.9	130.6
C90.0	38.3	40.4	44.6	48.7	56.0	63.2	69.6	79.8	90.3	103.7
C112.5	41.4	45.6	48.9	53.8	59.0	66.5	74.7	80.9	89.4	100.7
C135.0	36.4	40.4	44.6	48.7	53.8	61.1	68.5	77.7	87.2	100.3
C157.5	38.2	40.3	43.5	49.8	55.9	62.2	70.2	79.8	90.3	105.6
C180.0	41.3	45.5	49.7	54.9	61.0	68.4	75.6	86.0	97.1	110.8
C202.5	42.6	44.7	50.8	57.2	65.4	73.9	84.2	94.5	109.1	124.7
C225.0	46.8	51.0	56.0	62.4	69.7	75.7	85.4	97.6	114.4	131.8
C247.5	46.8	52.0	58.1	63.5	71.8	82.4	92.7	106.2	121.5	141.5
C270.0	49.4	53.8	64.1	73.2	85.6	100.5	117.7	136.4	158.7	181.5
C292.5	47.6	56.7	65.0	75.5	87.8	102.2	119.0	139.3	161.2	182.8
C315.0	48.5	52.8	60.9	71.2	82.5	91.9	109.2	126.7	148.4	170.2
C337.5	50.4	55.8	64.0	73.4	85.4	99.0	116.4	132.0	153.1	173.6
C360.0	48.6	52.6	60.7	69.1	79.2	87.7	107.0	123.9	143.1	162.6
C\G	G150.0	G151.0	G152.0	G153.0	G154.0	G155.0	G156.0	G157.0	G158.0	G159.0
C0.0	180.4	199.3	215.7	231.5	249.6	270.3	290.9	313.0	336.6	361.0
C22.5	173.1	192.4	211.3	229.6	249.6	269.5	291.4	314.7	338.3	363.5
C45.0	172.7	194.8	217.2	237.3	257.5	282.5	303.4	326.8	347.0	367.9
C67.5	148.3	166.0	183.8	201.1	218.7	238.5	261.4	282.3	300.9	319.7
C90.0	118.2	137.0	157.6	180.5	203.0	225.7	248.9	272.6	295.0	321.1
C112.5	114.4	132.7	151.6	172.5	195.1	219.2	241.0	263.9	286.3	309.9
C135.0	116.0	133.8	153.1	172.9	193.9	215.3	236.1	258.0	279.3	300.4
C157.5	122.2	140.1	160.3	181.4	202.6	223.5	243.3	266.6	288.8	308.1
C180.0	127.6	143.7	159.3	165.4	169.8	201.7	244.0	267.7	287.6	309.1
C202.5	143.5	166.3	191.8	214.2	236.4	256.5	269.8	278.2	290.7	309.0
C225.0	151.6	172.7	195.1	213.9	231.7	246.8	259.5	271.1	287.5	309.6
C247.5	161.6	185.1	208.3	233.7	258.0	280.2	303.5	324.2	345.4	365.8
C270.0	203.6	228.1	247.1	269.1	290.4	310.3	332.1	350.4	370.5	394.7
C292.5	206.0	228.3	249.4	270.8	293.7	315.8	337.7	360.2	382.8	404.8
C315.0	193.9	216.3	237.6	261.0	286.1	311.1	334.7	358.1	382.9	405.0
C337.5	195.9	214.4	233.1	251.0	268.6	290.0	310.7	334.0	351.1	373.0
C360.0	180.4	199.3	215.7	231.5	249.6	270.3	290.9	313.0	336.6	361.0
C\G	G160.0	G161.0	G162.0	G163.0	G164.0	G165.0	G166.0	G167.0	G168.0	G169.0
C0.0	383.8	404.5	425.4	442.7	459.6	475.9	492.5	500.0	519.7	543.3
C22.5	386.5	406.3	424.7	440.5	456.8	463.4	480.0	500.2	521.2	550.6
C45.0	387.2	404.0	423.8	446.1	464.2	484.0	504.2	525.3	547.2	562.6
C67.5	343.4	368.3	394.1	418.5	442.8	465.1	487.0	508.6	527.5	547.1
C90.0	344.8	366.5	387.2	408.0	431.0	451.4	471.1	492.1	511.8	528.1



## Light intensity data Unit[cd]

C112.5	333.8	355.9	379.2	402.3	425.2	447.1	468.5	487.4	506.8	528.7
C135.0	322.2	344.6	364.6	388.9	411.8	432.7	452.1	472.9	493.9	514.0
C157.5	330.6	351.7	372.1	392.9	412.6	431.2	447.7	464.5	483.6	503.4
C180.0	327.8	347.8	369.1	392.0	410.8	427.8	445.6	461.3	478.5	493.1
C202.5	330.1	354.0	378.8	400.6	422.6	445.0	464.6	482.3	499.9	512.4
C225.0	337.9	366.5	391.9	414.9	437.9	458.7	476.1	491.8	509.0	522.7
C247.5	386.7	409.1	429.3	450.1	469.4	485.1	498.7	511.4	524.8	541.1
C270.0	416.9	438.7	460.7	483.0	500.0	516.3	532.0	547.7	561.8	580.7
C292.5	427.7	447.4	466.8	483.6	499.0	513.6	528.2	547.5	564.3	582.7
C315.0	423.7	440.2	455.0	468.1	484.5	500.2	515.7	533.5	551.6	571.7
C337.5	393.2	411.9	427.7	446.0	461.7	481.0	498.6	516.5	535.7	553.6
C360.0	383.8	404.5	425.4	442.7	459.6	475.9	492.5	500.0	519.7	543.3
C\G	G170.0	G171.0	G172.0	G173.0	G174.0	G175.0	G176.0	G177.0	G178.0	G179.0
C0.0	568.6	599.9	622.8	643.5	663.7	666.3	666.5	666.5	666.5	666.5
C22.5	567.8	583.4	597.1	612.4	630.4	637.7	645.9	648.1	651.2	656.3
C45.0	583.4	602.7	619.5	639.4	658.8	667.4	669.7	671.7	671.8	671.8
C67.5	561.6	572.1	585.5	601.2	622.0	632.2	641.6	646.9	651.1	652.1
C90.0	547.7	561.2	574.7	593.4	602.7	615.0	623.3	648.2	657.5	665.7
C112.5	548.4	562.6	573.0	588.4	596.9	608.3	620.2	643.4	655.9	664.0
C135.0	533.8	548.4	559.6	578.6	599.9	618.9	641.7	665.9	669.2	679.5
C157.5	523.1	538.5	554.3	575.6	600.5	624.6	646.8	669.8	681.8	681.8
C180.0	505.6	518.8	530.4	550.0	569.9	592.2	615.0	652.3	670.5	670.5
C202.5	521.5	527.0	537.7	557.9	579.0	606.8	631.0	657.5	668.8	668.8
C225.0	536.1	545.4	553.0	572.2	593.2	612.2	634.5	658.4	662.4	663.5
C247.5	555.6	564.0	573.7	592.2	611.3	630.6	651.3	668.8	673.9	672.8
C270.0	583.8	592.0	599.3	612.5	646.8	666.7	671.8	680.1	679.2	679.1
C292.5	602.5	619.3	628.7	642.0	659.3	667.9	676.4	682.5	681.6	681.6
C315.0	588.9	608.7	622.3	639.0	660.3	665.9	674.0	680.3	680.4	682.5
C337.5	576.7	599.6	624.6	646.8	667.1	676.6	676.8	676.8	671.7	670.5
C360.0	568.6	599.9	622.8	643.5	663.7	666.3	666.5	666.5	666.5	666.5
C\G	G180.0									
C0.0	666.5									
C22.5	666.5									
C45.0	666.5									
C67.5	666.5									
C90.0	666.5									
C112.5	666.5									
C135.0	666.5									
C157.5	666.5									
C180.0	666.5									
C202.5	666.5									
C225.0	666.5									

## Light intensity data Unit[cd]

C247.5	666.5									
C270.0	666.5									
C292.5	666.5									
C315.0	666.5									
C337.5	666.5									
C360.0	666.5									

## Zonal Luminous Flux Data

Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
0.0	466430.60	0.00	0.00	0.00	0.00
0.0-1.0	465712.90	446.01	446.01	0.24	0.24
1.0-2.0	463491.00	1333.68	1779.70	0.71	0.95
2.0-3.0	459716.60	2208.01	3987.70	1.18	2.13
3.0-4.0	454230.10	3059.27	7046.98	1.63	3.76
4.0-5.0	447157.90	3877.72	10924.70	2.07	5.83
5.0-6.0	438231.20	4652.96	15577.65	2.48	8.31
6.0-7.0	427347.50	5372.63	20950.29	2.87	11.18
7.0-8.0	414211.50	6022.88	26973.17	3.21	14.40
8.0-9.0	398394.60	6585.73	33558.90	3.51	17.91
9.0-10.0	379550.00	7040.11	40599.01	3.76	21.67
10.0-11.0	357003.30	7359.68	47958.69	3.93	25.60
11.0-12.0	330925.80	7520.05	55478.73	4.01	29.61
12.0-13.0	300989.50	7499.24	62977.98	4.00	33.61
13.0-14.0	268034.60	7283.46	70261.43	3.89	37.50
14.0-15.0	234092.00	6893.42	77154.84	3.68	41.18
15.0-16.0	200549.80	6368.72	83523.55	3.40	44.58
16.0-17.0	170298.50	5775.10	89298.65	3.08	47.66
17.0-18.0	144336.20	5187.64	94486.30	2.77	50.43
18.0-19.0	122733.30	4646.46	99132.76	2.48	52.91
19.0-20.0	105155.30	4170.99	103303.80	2.23	55.14
20.0-21.0	90947.36	3765.57	107069.30	2.01	57.15
21.0-22.0	79476.88	3424.75	110494.10	1.83	58.97
22.0-23.0	69933.90	3135.04	113629.10	1.67	60.65
23.0-24.0	62145.85	2887.74	116516.80	1.54	62.19
24.0-25.0	55084.38	2665.56	119182.40	1.42	63.61
25.0-26.0	48859.97	2453.62	121636.00	1.31	64.92
26.0-27.0	43795.48	2266.84	123902.80	1.21	66.13
27.0-28.0	39430.91	2107.12	126009.90	1.12	67.25
28.0-29.0	35643.75	1964.17	127974.10	1.05	68.30
29.0-30.0	32307.42	1834.67	129808.80	0.98	69.28
30.0-31.0	29278.44	1713.85	131522.60	0.91	70.20
31.0-32.0	26579.39	1600.26	133122.90	0.85	71.05
32.0-33.0	24249.27	1497.43	134620.30	0.80	71.85
33.0-34.0	22202.58	1405.77	136026.10	0.75	72.60
34.0-35.0	20356.44	1321.73	137347.80	0.71	73.31
35.0-36.0	18744.26	1244.97	138592.80	0.66	73.97
36.0-37.0	17308.09	1175.83	139768.60	0.63	74.60
37.0-38.0	16049.21	1113.42	140882.00	0.59	75.19
38.0-39.0	14949.71	1058.08	141940.10	0.56	75.76
39.0-40.0	13978.71	1008.92	142949.00	0.54	76.30

## Zonal Luminous Flux Data

Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
40.0-41.0	13147.53	965.95	143914.90	0.52	76.81
41.0-42.0	12425.12	929.10	144844.00	0.50	77.31
42.0-43.0	11803.59	897.50	145741.50	0.48	77.79
43.0-44.0	11273.36	870.99	146612.50	0.46	78.25
44.0-45.0	10821.72	849.14	147461.70	0.45	78.70
45.0-46.0	10435.15	831.31	148293.00	0.44	79.15
46.0-47.0	10106.40	816.99	149110.00	0.44	79.58
47.0-48.0	9816.32	805.38	149915.30	0.43	80.01
48.0-49.0	9564.29	795.88	150711.20	0.42	80.44
49.0-50.0	9346.23	788.44	151499.60	0.42	80.86
50.0-51.0	9155.29	782.77	152282.40	0.42	81.28
51.0-52.0	8991.07	778.67	153061.10	0.42	81.69
52.0-53.0	8841.48	775.71	153836.80	0.41	82.11
53.0-54.0	8694.52	772.91	154609.70	0.41	82.52
54.0-55.0	8549.64	769.75	155379.50	0.41	82.93
55.0-56.0	8390.79	765.49	156145.00	0.41	83.34
56.0-57.0	8196.16	758.39	156903.40	0.40	83.74
57.0-58.0	7994.35	748.71	157652.10	0.40	84.14
58.0-59.0	7812.54	738.98	158391.10	0.39	84.54
59.0-60.0	7649.68	730.49	159121.60	0.39	84.93
60.0-61.0	7506.49	723.28	159844.90	0.39	85.31
61.0-62.0	7407.23	718.63	160563.50	0.38	85.70
62.0-63.0	7249.59	712.84	161276.40	0.38	86.08
63.0-64.0	6997.59	699.10	161975.50	0.37	86.45
64.0-65.0	6749.98	680.36	162655.80	0.36	86.81
65.0-66.0	6469.34	659.56	163315.40	0.35	87.17
66.0-67.0	6164.75	635.28	163950.70	0.34	87.50
67.0-68.0	5936.50	613.01	164563.70	0.33	87.83
68.0-69.0	5965.00	607.16	165170.80	0.32	88.16
69.0-70.0	6701.73	650.54	165821.40	0.35	88.50
70.0-71.0	8204.72	770.45	166591.80	0.41	88.91
71.0-72.0	10113.25	952.48	167544.30	0.51	89.42
72.0-73.0	11182.47	1113.61	168658.00	0.59	90.02
73.0-74.0	11472.43	1191.03	169848.90	0.64	90.65
74.0-75.0	11560.21	1216.96	171065.90	0.65	91.30
75.0-76.0	11787.00	1239.36	172305.30	0.66	91.96
76.0-77.0	11951.66	1265.64	173570.90	0.68	92.64
77.0-78.0	11746.68	1268.59	174839.50	0.68	93.32
78.0-79.0	11338.72	1240.37	176079.90	0.66	93.98
79.0-80.0	10941.20	1201.16	177281.10	0.64	94.62
80.0-81.0	10607.44	1165.32	178446.40	0.62	95.24

## Zonal Luminous Flux Data

Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
81.0-82.0	10271.21	1132.21	179578.60	0.60	95.85
82.0-83.0	9923.58	1097.82	180676.40	0.59	96.43
83.0-84.0	9447.17	1055.28	181731.70	0.56	97.00
84.0-85.0	8820.75	997.03	182728.70	0.53	97.53
85.0-86.0	8017.68	920.41	183649.10	0.49	98.02
86.0-87.0	7024.16	823.21	184472.40	0.44	98.46
87.0-88.0	5813.49	703.22	185175.60	0.38	98.83
88.0-89.0	4418.95	560.86	185736.50	0.30	99.13
89.0-90.0	3102.78	412.40	186148.90	0.22	99.35
90.0-91.0	1306.06	241.73	186390.60	0.13	99.48
91.0-92.0	350.42	90.79	186481.40	0.05	99.53
92.0-93.0	299.95	35.63	186517.00	0.02	99.55
93.0-94.0	354.92	35.84	186552.90	0.02	99.57
94.0-95.0	417.89	42.24	186595.10	0.02	99.59
95.0-96.0	495.64	49.86	186645.00	0.03	99.62
96.0-97.0	399.43	48.76	186693.70	0.03	99.64
97.0-98.0	334.12	39.88	186733.60	0.02	99.66
98.0-99.0	290.97	33.90	186767.50	0.02	99.68
99.0-100.0	279.61	30.86	186798.40	0.02	99.70
100.0-101.0	243.70	28.21	186826.60	0.02	99.71
101.0-102.0	204.43	24.08	186850.70	0.01	99.73
102.0-103.0	163.00	19.67	186870.30	0.01	99.74
103.0-104.0	129.34	15.59	186885.90	0.01	99.75
104.0-105.0	107.49	12.57	186898.50	0.01	99.75
105.0-106.0	86.12	10.23	186908.80	0.01	99.76
106.0-107.0	61.83	7.78	186916.50	0.00	99.76
107.0-108.0	46.70	5.68	186922.20	0.00	99.77
108.0-109.0	34.59	4.23	186926.40	0.00	99.77
109.0-110.0	32.04	3.44	186929.80	0.00	99.77
110.0-111.0	29.40	3.16	186932.90	0.00	99.77
111.0-112.0	26.88	2.87	186935.80	0.00	99.77
112.0-113.0	26.49	2.70	186938.50	0.00	99.77
113.0-114.0	26.15	2.65	186941.10	0.00	99.78
114.0-115.0	25.71	2.59	186943.80	0.00	99.78
115.0-116.0	25.38	2.53	186946.30	0.00	99.78
116.0-117.0	25.00	2.47	186948.80	0.00	99.78
117.0-118.0	24.10	2.39	186951.10	0.00	99.78
118.0-119.0	23.96	2.32	186953.40	0.00	99.78
119.0-120.0	24.14	2.30	186955.80	0.00	99.78
120.0-121.0	24.73	2.31	186958.00	0.00	99.78
121.0-122.0	25.11	2.33	186960.40	0.00	99.79

## Zonal Luminous Flux Data

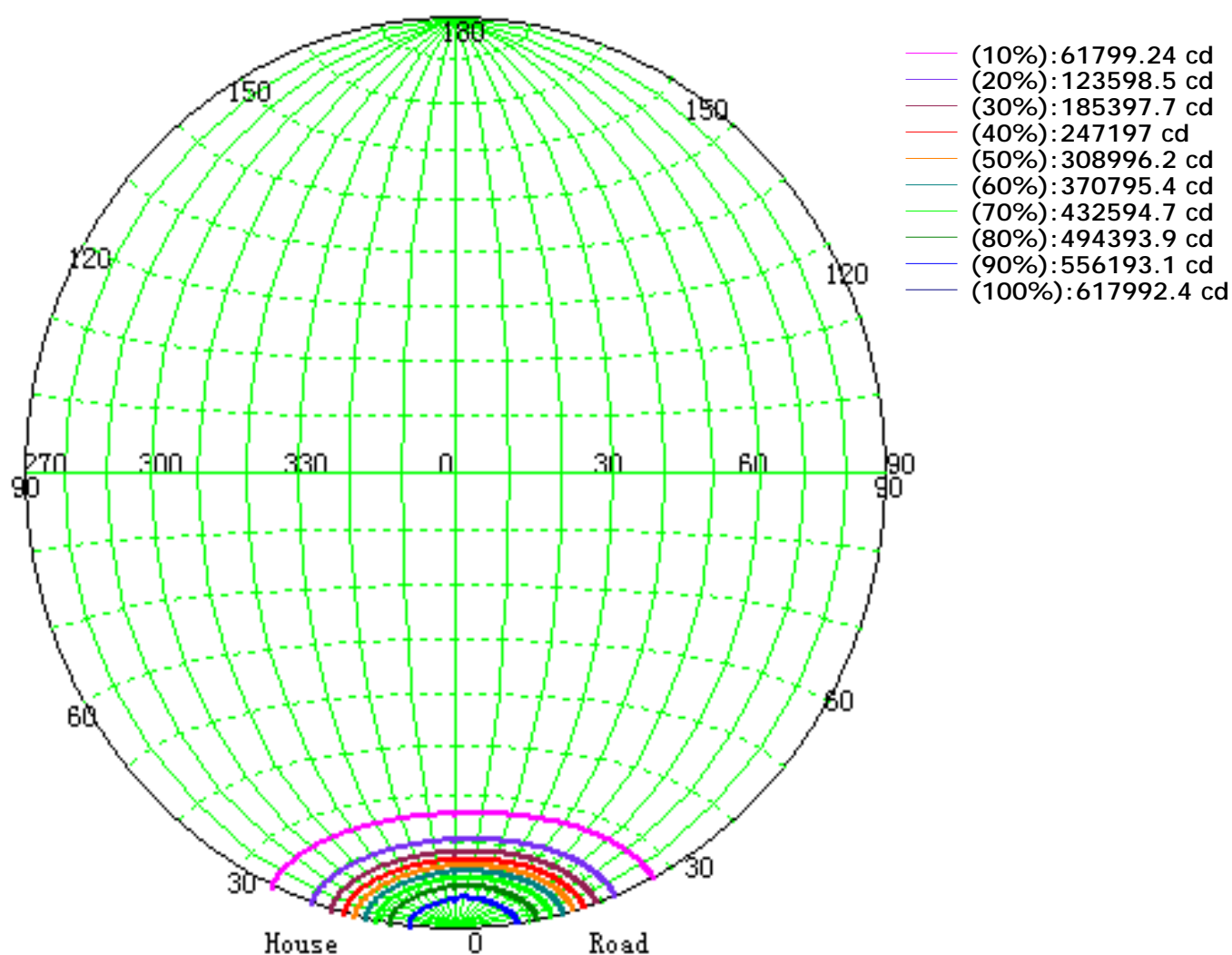
Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
122.0-123.0	25.12	2.32	186962.70	0.00	99.79
123.0-124.0	25.12	2.30	186965.00	0.00	99.79
124.0-125.0	25.18	2.27	186967.20	0.00	99.79
125.0-126.0	25.37	2.26	186969.50	0.00	99.79
126.0-127.0	25.56	2.24	186971.80	0.00	99.79
127.0-128.0	26.19	2.25	186974.00	0.00	99.79
128.0-129.0	25.62	2.22	186976.20	0.00	99.79
129.0-130.0	25.23	2.15	186978.40	0.00	99.80
130.0-131.0	25.44	2.11	186980.50	0.00	99.80
131.0-132.0	25.96	2.11	186982.60	0.00	99.80
132.0-133.0	28.83	2.21	186984.80	0.00	99.80
133.0-134.0	31.44	2.40	186987.20	0.00	99.80
134.0-135.0	32.86	2.51	186989.70	0.00	99.80
135.0-136.0	34.21	2.58	186992.30	0.00	99.80
136.0-137.0	36.54	2.67	186995.00	0.00	99.80
137.0-138.0	36.12	2.69	186997.70	0.00	99.81
138.0-139.0	39.15	2.73	187000.40	0.00	99.81
139.0-140.0	43.98	2.96	187003.40	0.00	99.81
140.0-141.0	48.46	3.22	187006.60	0.00	99.81
141.0-142.0	54.60	3.52	187010.20	0.00	99.81
142.0-143.0	61.80	3.89	187014.00	0.00	99.81
143.0-144.0	70.41	4.31	187018.30	0.00	99.82
144.0-145.0	80.25	4.80	187023.10	0.00	99.82
145.0-146.0	92.10	5.35	187028.50	0.00	99.82
146.0-147.0	105.61	5.98	187034.50	0.00	99.83
147.0-148.0	121.52	6.69	187041.20	0.00	99.83
148.0-149.0	139.06	7.47	187048.60	0.00	99.83
149.0-150.0	158.05	8.27	187056.90	0.00	99.84
150.0-151.0	178.18	9.08	187066.00	0.00	99.84
151.0-152.0	198.26	9.85	187075.90	0.01	99.85
152.0-153.0	217.87	10.54	187086.50	0.01	99.85
153.0-154.0	237.80	11.15	187097.60	0.01	99.86
154.0-155.0	259.80	11.75	187109.40	0.01	99.87
155.0-156.0	281.76	12.31	187121.70	0.01	99.87
156.0-157.0	302.63	12.78	187134.50	0.01	99.88
157.0-158.0	323.17	13.13	187147.60	0.01	99.89
158.0-159.0	345.16	13.43	187161.00	0.01	99.89
159.0-160.0	367.26	13.68	187174.70	0.01	99.90
160.0-161.0	388.58	13.83	187188.50	0.01	99.91
161.0-162.0	409.40	13.88	187202.40	0.01	99.92
162.0-163.0	429.89	13.84	187216.20	0.01	99.92



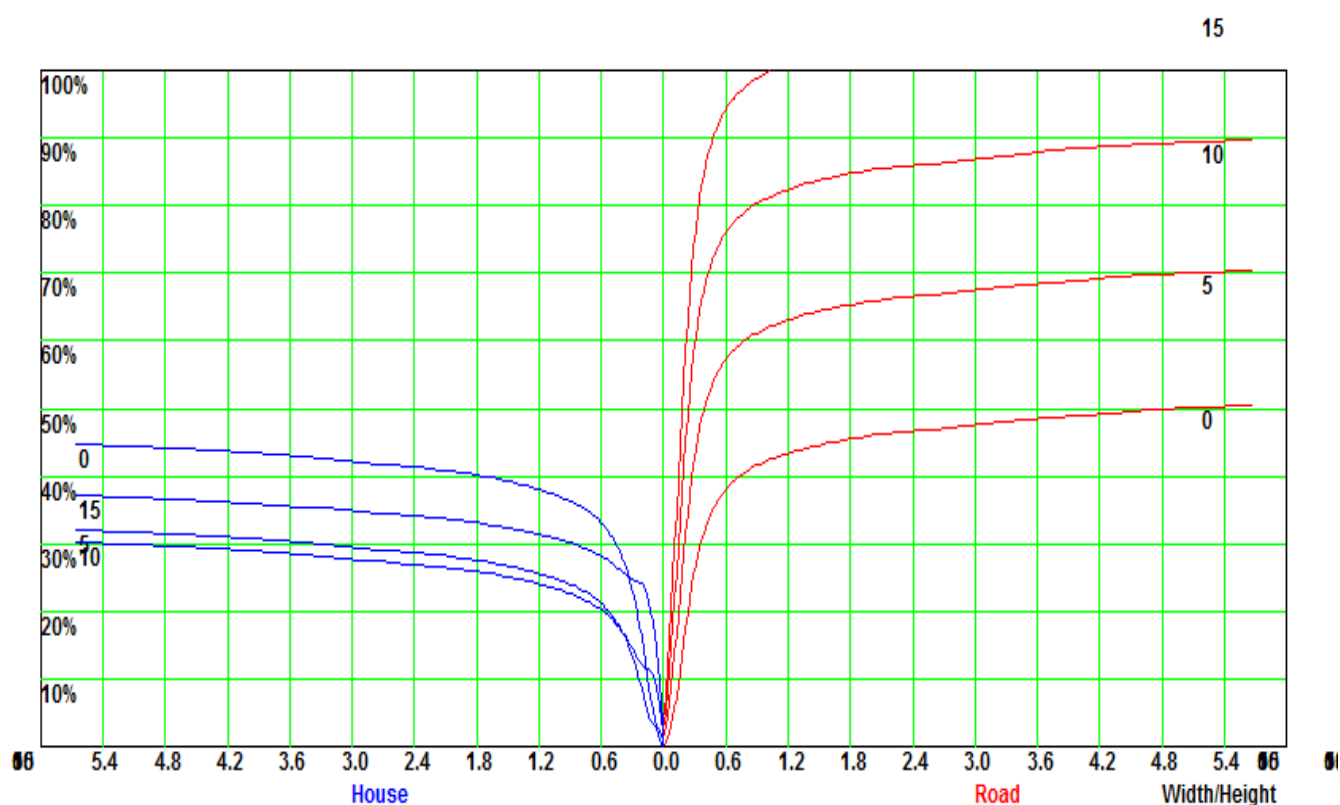
## Zonal Luminous Flux Data

[illegible]

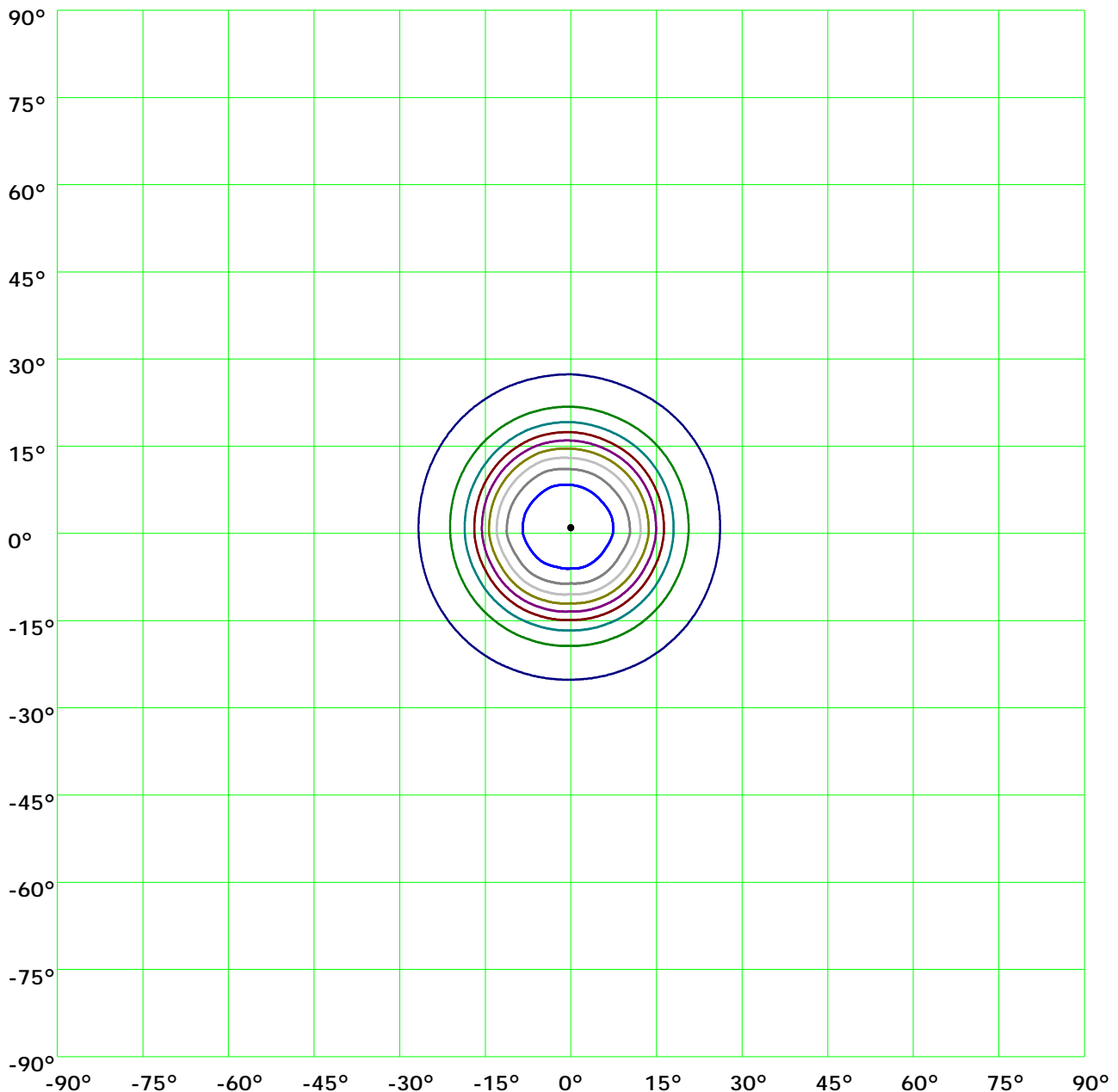
## Iso-Candela [cd]



## Coefficient Utilization Curve

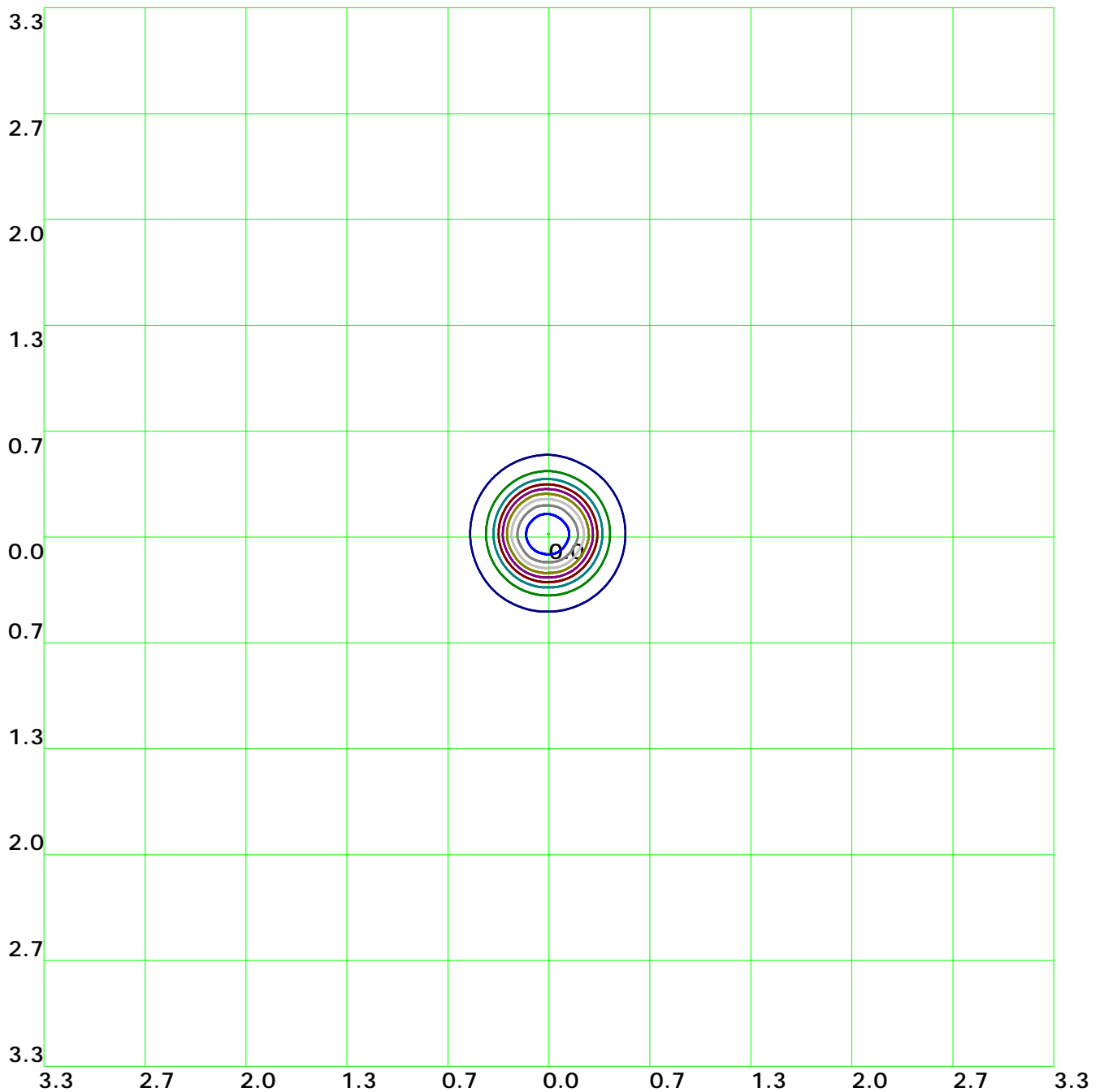


## Isocandela(rectangle)



(10%): 46967.1cd (20%): 93934.2cd (30%): 140901.3cd (40%): 187868.4cd  
(50%): 234835.5cd (60%): 281802.7cd (70%): 328769.8cd (80%): 375736.9cd  
(90%): 422704.cd (100%): 469671.1cd

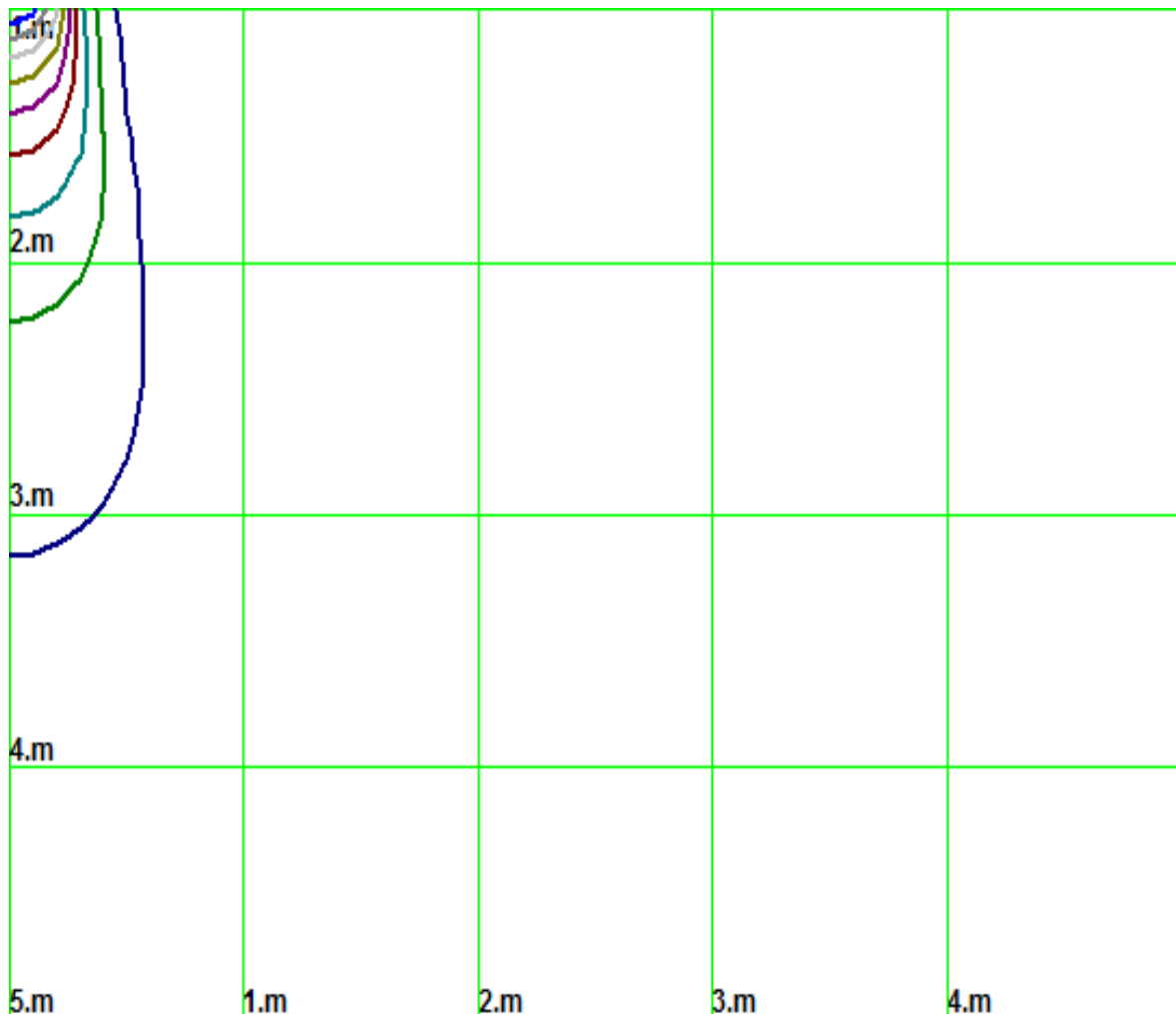
## Isolx curve



Height: 1 m

(10%): 46967.1lx (20%): 93934.2lx (30%): 140901.3lx (40%): 187868.4lx  
(50%): 234835.5lx (60%): 281802.7lx (70%): 328769.8lx (80%): 375736.9lx  
(90%): 422704.1lx (100%): 469201.4lx

## Space Isolx Curve



(10%): 46967.1lx    (20%): 93934.2lx    (30%): 140901.3lx    (40%): 187868.4lx  
 (50%): 234835.5lx    (60%): 281802.7lx    (70%): 328769.8lx    (80%): 375736.9lx  
 (90%): 422704.1lx    (100%): 469201.4lx



## Luminance Limitting Curve

Diameter: .997mm

Length: .997mm

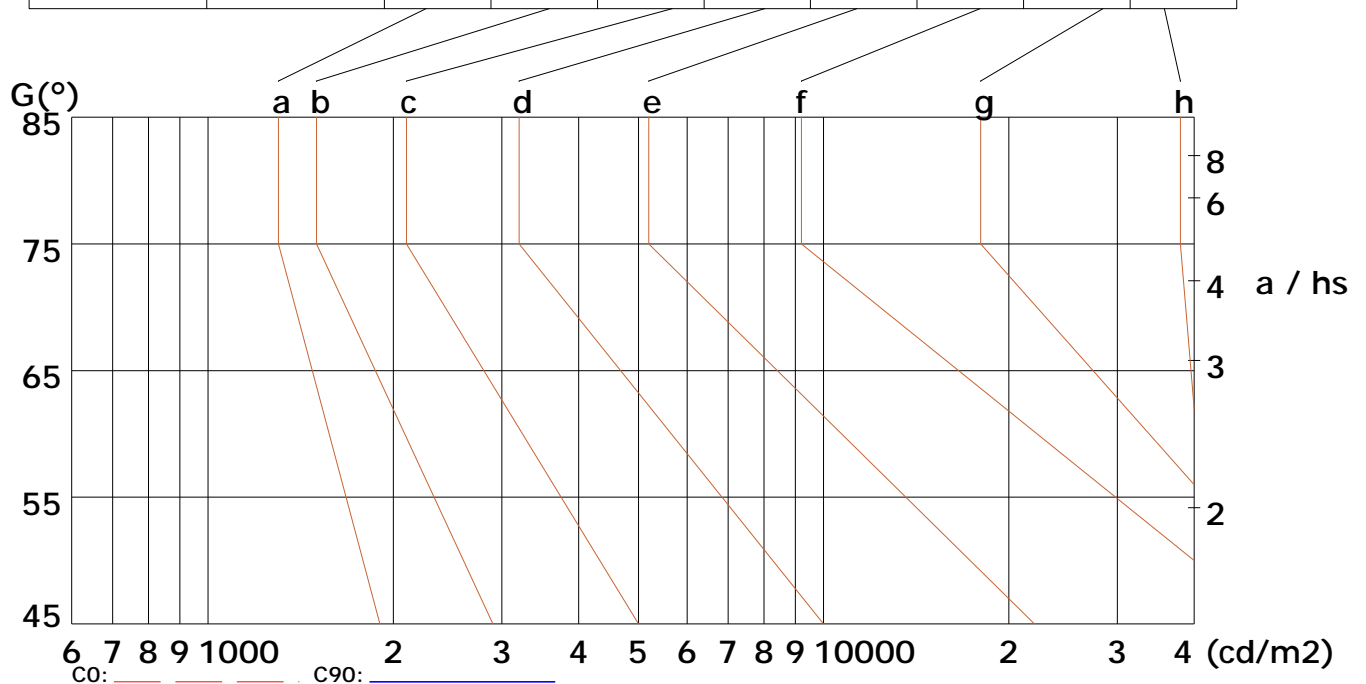
Width: .579mm

Height: .274mm

(cd/m2)

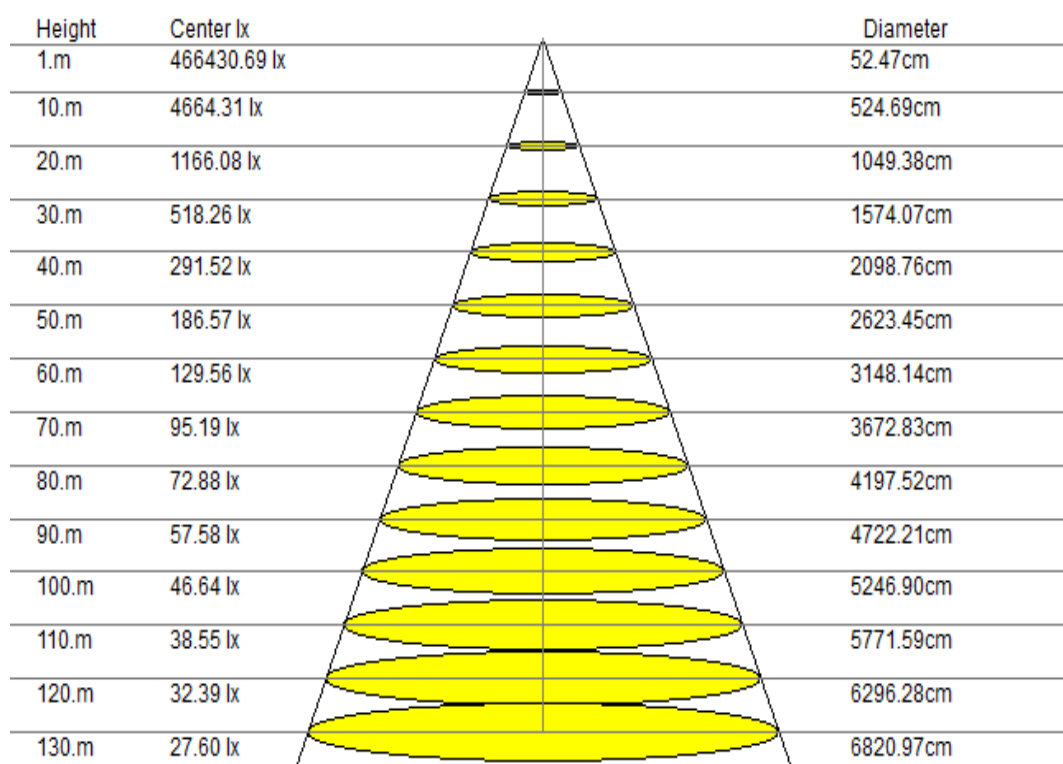
$\gamma$	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	440937	447637	460414	465507	471396	483967	512290	468993	2584155
C90	352081	314947	312073	321453	322173	348675	410174	414910	3506439

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: 29.40°(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	1.08	1.07	1.06	1.07	1.05	1.04	1.03	1.01	1.00	0.98	0.96	0.94	0.91	0.89	0.87	0.82
2	0.99	0.98	0.96	0.98	0.96	0.94	0.95	0.92	0.90	0.91	0.88	0.86	0.86	0.83	0.80	0.75
3	0.93	0.91	0.89	0.92	0.89	0.88	0.89	0.86	0.84	0.86	0.82	0.79	0.81	0.77	0.74	0.70
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	0.83	0.81	0.80	0.82	0.79	0.78	0.80	0.77	0.74	0.77	0.73	0.70	0.74	0.70	0.66	0.62
6	0.79	0.77	0.76	0.78	0.76	0.74	0.76	0.73	0.71	0.74	0.70	0.67	0.71	0.67	0.63	0.59
7	0.75	0.74	0.72	0.75	0.72	0.71	0.73	0.70	0.67	0.71	0.67	0.64	0.69	0.64	0.60	0.57
8	0.72	0.71	0.70	0.72	0.69	0.68	0.70	0.67	0.65	0.68	0.64	0.61	0.66	0.62	0.58	0.55
9	0.69	0.68	0.67	0.69	0.67	0.65	0.68	0.64	0.62	0.66	0.62	0.59	0.64	0.59	0.56	0.53
10	0.67	0.65	0.65	0.66	0.64	0.63	0.65	0.62	0.60	0.64	0.60	0.57	0.62	0.57	0.54	0.51

## Indoor Budgetary Estimate Chart

