

## Luminaire Property

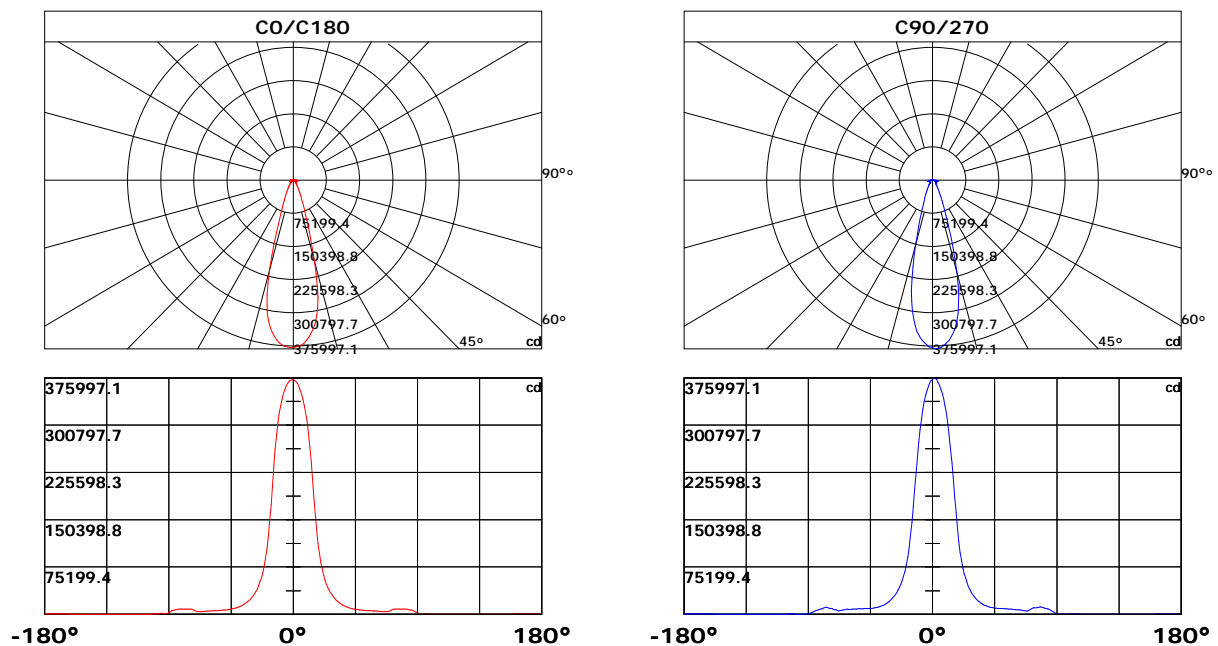
Luminaire Description: T500-960W-30D  
Luminaire Category: LED FLOOD LIGHT  
Lamp Category:  
Lamp Description: CO-T500-960W-30D  
Number of Lamp: 1  
Lamp Lumens(lm): 149993.1  
Luminous Length(m): 0.842  
Luminous Width(m): 0.579  
Luminous Height(m): 0.199

Voltage: 220.5 V  
Current: 3.913 A  
Power: 958.7 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: 149993.10 lm  
Efficiency: 156.4547 lm/W  
Central Intensity: 373403.0cd  
Max. Intensity: 375997.115cd  
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	373403.0	371814.7	370105.5	367332.9	362885.5	356939.7	349891.9	341840.1	332456.0	321039.8
C22.5	373403.0	373339.0	372115.6	369636.4	365622.7	360105.4	353413.0	345340.0	335484.4	323934.3
C45.0	373403.0	373009.9	372203.8	369790.3	365897.7	360631.0	352936.6	345211.7	335516.0	324098.4
C67.5	373403.0	373430.4	372548.4	369907.4	365782.9	360564.9	354441.9	347174.6	338831.4	328463.9
C90.0	373403.0	375997.1	375484.9	372961.1	369069.2	363959.9	358201.5	350949.4	342501.7	331667.6
C112.5	373403.0	375716.5	375435.0	373317.5	369974.0	365327.5	359746.7	352847.7	345479.9	335734.2
C135.0	373403.0	374811.1	374700.2	373238.6	370390.7	366032.3	360514.3	353442.4	344994.0	334948.5
C157.5	373403.0	373905.8	373769.8	372677.9	370223.2	366329.8	361015.1	354047.4	345501.3	335379.7
C180.0	373403.0	372814.7	372156.1	370590.5	367819.2	363498.5	357902.5	350907.9	342410.5	332608.0
C202.5	373403.0	372634.6	371109.2	368400.6	364450.3	359453.5	352658.3	344079.5	333474.5	320749.3
C225.0	373403.0	370881.8	368003.0	364543.8	359656.0	353894.7	346843.3	337909.1	326663.6	312897.8
C247.5	373403.0	370279.1	366684.4	362208.4	356394.9	349422.8	340897.8	330032.7	316682.8	300626.6
C270.0	373403.0	371903.9	367647.2	362288.1	356039.3	348612.1	338502.1	326152.0	310914.8	293091.5
C292.5	373403.0	371818.7	367850.1	362756.3	356649.4	349418.3	340394.0	329000.6	315091.5	298262.9
C315.0	373403.0	371371.2	367963.4	363507.2	357473.7	350366.4	341537.0	330773.3	317731.9	302175.2
C337.5	373403.0	371525.6	369016.9	365290.6	359842.8	353028.6	344347.2	334128.0	321843.8	307305.1
C360.0	373403.0	371814.7	370105.5	367332.9	362885.5	356939.7	349891.9	341840.1	332456.0	321039.8
C\G	G10.0	G11.0	G12.0	G13.0	G14.0	G15.0	G16.0	G17.0	G18.0	G19.0
C0.0	306843.0	289380.2	268584.1	243130.4	214838.8	185458.1	157375.1	132900.9	112377.9	95576.7
C22.5	309763.0	292802.5	272893.7	249313.4	223090.0	194682.2	166443.8	141022.8	119307.2	101533.0
C45.0	310159.1	294236.2	275628.6	254139.0	229619.8	202047.9	174022.6	147950.9	124974.3	105974.4
C67.5	315491.4	299248.6	280489.5	259419.4	235177.4	208468.6	179918.6	152740.7	129183.3	109281.7
C90.0	318420.7	302230.0	283683.7	263111.0	240231.2	215885.5	188130.1	161376.2	136993.7	115810.9
C112.5	324483.5	310026.0	292919.2	273409.1	249712.2	223775.8	194731.3	166292.2	140945.1	118493.0
C135.0	322872.4	308435.2	291553.5	271396.9	247725.5	220869.4	192116.5	163622.9	137895.9	116328.4
C157.5	323186.9	308613.0	290475.4	269093.0	243330.8	215072.4	185391.5	157066.5	132184.6	111782.9
C180.0	320286.3	305244.5	286135.1	262942.7	235111.6	205238.8	174961.4	147746.1	124300.0	104845.3
C202.5	304985.0	286684.7	264804.9	239626.6	211659.4	183137.9	155492.5	131497.5	111453.8	95022.1
C225.0	296234.7	276070.1	252522.4	225324.0	196552.6	168273.8	142487.6	120406.0	102271.0	87500.6
C247.5	282129.7	260566.3	235874.4	208842.6	180831.8	154570.9	130888.6	111005.4	94708.7	81425.8
C270.0	273308.7	250224.4	225579.4	198726.2	171641.2	146817.6	124707.5	106339.3	91109.8	78460.1
C292.5	279035.6	256300.1	231312.8	203308.1	175967.3	150368.8	127242.1	108095.1	92343.0	79430.7
C315.0	284082.8	262460.4	238289.8	211189.0	183215.4	156592.6	132726.7	112813.7	96126.7	82669.8
C337.5	290322.7	270285.3	248037.9	222362.9	194514.1	167193.1	142179.7	120453.9	102607.4	87938.2
C360.0	306843.0	289380.2	268584.1	243130.4	214838.8	185458.1	157375.1	132900.9	112377.9	95576.7
C\G	G20.0	G21.0	G22.0	G23.0	G24.0	G25.0	G26.0	G27.0	G28.0	G29.0
C0.0	82023.6	70879.7	61801.5	54325.5	47964.4	42675.4	38130.5	34203.4	30872.0	27846.4
C22.5	86787.5	74990.9	65304.0	57156.2	50431.2	44777.0	39926.7	35736.9	32108.9	28907.6
C45.0	90485.4	78073.3	67835.8	59231.9	52191.1	46168.8	41133.7	36762.6	33027.0	29693.3
C67.5	93088.9	79972.7	69197.3	60497.6	53140.5	46948.1	41777.8	37268.0	33435.7	30019.9
C90.0	98874.6	84707.3	73300.5	63970.7	57337.0	50703.4	44071.2	39223.0	35107.1	31508.7

## Light intensity data Unit[cd]

C112.5	100468.3	85929.7	74149.4	64473.3	57699.6	50925.8	44175.1	39349.8	35166.0	31584.7
C135.0	98590.5	84426.4	72992.1	63488.1	56837.3	50186.6	43542.8	38819.8	34759.6	31231.3
C157.5	94975.1	81356.9	70326.6	61248.5	54937.4	48626.2	42360.4	37841.9	33899.4	30508.5
C180.0	89343.3	76682.7	66557.4	58282.3	52341.3	46400.5	40484.3	36254.4	32620.8	29465.4
C202.5	81548.2	70615.0	61824.6	55525.4	49226.1	42967.0	38449.2	34597.5	31189.8	28222.5
C225.0	75371.3	65794.6	59501.4	53208.3	46915.3	40641.4	36522.2	32943.3	29822.4	27064.5
C247.5	70691.2	61961.3	55749.8	49538.3	43327.4	38890.8	35093.4	31712.8	28760.4	26126.8
C270.0	68430.4	60258.6	53171.8	47395.4	42379.9	38067.4	34375.8	31000.6	28120.3	25806.3
C292.5	69003.9	60488.6	53286.1	47375.3	42335.2	38036.2	34307.8	30999.0	28113.8	25815.6
C315.0	71444.8	62601.8	55082.6	48834.4	43458.3	38916.3	35037.5	31571.5	28555.8	26145.5
C337.5	75792.7	66193.3	57927.6	51222.7	45495.8	40637.7	36452.4	32685.9	29506.2	26609.0
C360.0	82023.6	70879.7	61801.5	54325.5	47964.4	42675.4	38130.5	34203.4	30872.0	27846.4
C\G	G30.0	G31.0	G32.0	G33.0	G34.0	G35.0	G36.0	G37.0	G38.0	G39.0
C0.0	25504.3	23168.7	20832.9	18977.0	17327.8	15871.7	14584.3	13445.8	12433.6	11536.8
C22.5	26441.6	23980.4	21519.2	19616.6	17949.2	16454.6	15142.5	13991.0	12976.9	12095.4
C45.0	26821.9	24427.1	22036.5	20101.1	18361.7	16800.1	15428.1	14207.3	13133.8	12185.5
C67.5	27074.4	24651.5	22239.3	20246.2	18495.2	16924.9	15536.6	14313.8	13240.5	12289.7
C90.0	28347.5	25636.7	23242.1	21138.8	19336.0	17700.2	16300.9	15060.9	13983.0	13088.8
C112.5	28374.5	25675.4	23299.9	21152.8	19304.2	17605.5	16137.3	14846.2	13688.6	12692.9
C135.0	28116.7	25414.1	23067.1	20937.1	19127.9	17478.0	16037.3	14754.1	13620.0	12622.5
C157.5	27555.9	24888.1	22594.2	20566.3	18781.4	17177.4	15791.2	14529.1	13428.3	12478.2
C180.0	26640.8	24160.2	21980.5	19993.1	18267.4	16688.4	15302.0	14074.3	12992.4	12029.1
C202.5	25567.4	23209.8	21139.9	19303.0	17696.5	16250.2	14977.7	13838.7	12855.0	11994.9
C225.0	24613.6	22421.0	20488.4	18747.2	17198.1	15805.6	14569.2	13465.6	12487.6	11638.3
C247.5	23731.3	21694.4	19826.2	18150.1	16695.6	15360.3	14189.7	13146.5	12210.0	11392.4
C270.0	23512.1	21218.0	19366.1	17803.5	16394.4	15124.2	14050.1	13093.2	12279.2	11598.6
C292.5	23519.8	21224.0	19375.8	17756.2	16287.7	14992.9	13839.2	12806.7	11913.1	11112.8
C315.0	23747.9	21350.3	19492.0	17866.1	16410.5	15106.2	13971.4	12942.0	12049.4	11258.1
C337.5	24251.7	21904.0	19951.8	18250.6	16756.3	15402.8	14235.1	13181.7	12280.8	11474.8
C360.0	25504.3	23168.7	20832.9	18977.0	17327.8	15871.7	14584.3	13445.8	12433.6	11536.8
C\G	G40.0	G41.0	G42.0	G43.0	G44.0	G45.0	G46.0	G47.0	G48.0	G49.0
C0.0	10751.8	10051.2	9427.0	8881.4	8390.3	7972.2	7590.0	7245.9	6952.7	6697.4
C22.5	11344.2	10687.8	10133.1	9661.4	9243.7	8885.6	8573.8	8315.9	8093.3	7902.1
C45.0	11342.0	10629.5	10002.1	9458.9	8992.8	8607.6	8290.2	8016.0	7738.4	7469.6
C67.5	11464.7	10736.9	10098.7	9544.2	9061.4	8643.2	8293.2	7983.6	7723.0	7491.8
C90.0	12283.2	11639.2	11078.9	10633.1	10281.6	9984.2	9753.0	9588.7	9453.6	9327.3
C112.5	11784.3	11009.0	10324.2	9717.9	9206.0	8748.2	8343.0	8013.3	7706.8	7453.4
C135.0	11715.8	10949.1	10288.2	9705.5	9207.8	8782.0	8414.8	8107.7	7835.4	7615.2
C157.5	11629.2	10906.3	10273.4	9726.1	9266.3	8879.1	8553.0	8278.7	8055.1	7865.4
C180.0	11175.4	10425.8	9771.9	9185.2	8672.0	8223.8	7824.2	7476.4	7173.2	6906.6
C202.5	11254.0	10618.3	10071.5	9618.4	9235.1	8921.6	8655.8	8432.9	8263.8	8124.1
C225.0	10865.0	10211.8	9632.1	9126.6	8696.0	8318.2	8003.6	7732.3	7492.9	7285.5

## Light intensity data Unit[cd]

C247.5	10674.7	10053.0	9518.9	9045.7	8644.7	8298.7	7999.0	7755.8	7533.8	7348.7
C270.0	11004.8	10533.4	10149.2	9836.1	9609.8	9424.7	9285.0	9174.9	9093.4	9023.6
C292.5	10411.8	9800.6	9268.3	8809.5	8403.1	8050.7	7747.3	7485.0	7257.2	7065.4
C315.0	10564.3	9961.1	9436.0	9002.2	8644.1	8360.9	8112.1	7864.8	7593.7	7344.2
C337.5	10786.1	10192.0	9678.3	9238.1	8844.2	8513.4	8224.7	7979.6	7769.6	7587.4
C360.0	10751.8	10051.2	9427.0	8881.4	8390.3	7972.2	7590.0	7245.9	6952.7	6697.4
C\G	G50.0	G51.0	G52.0	G53.0	G54.0	G55.0	G56.0	G57.0	G58.0	G59.0
C0.0	6482.7	6296.3	6131.6	5988.5	5855.0	5731.8	5620.2	5507.0	5386.7	5274.1
C22.5	7737.9	7570.7	7427.3	7282.9	7135.9	6981.5	6816.4	6663.5	6500.1	6393.5
C45.0	7221.7	7021.7	6853.4	6717.1	6604.9	6492.5	6364.9	6205.9	6033.8	5885.3
C67.5	7302.3	7136.9	7004.1	6901.2	6820.1	6747.6	6650.8	6496.9	6339.8	6183.5
C90.0	9213.9	9091.0	8963.2	8798.3	8617.6	8456.5	8303.3	8033.1	7794.4	7604.0
C112.5	7235.7	7056.6	6902.7	6773.8	6674.6	6595.8	6498.1	6373.1	6225.1	6076.1
C135.0	7425.9	7282.3	7181.5	7078.5	6954.3	6793.9	6632.1	6456.9	6271.1	6109.9
C157.5	7691.1	7526.1	7374.0	7230.0	7090.2	6942.6	6770.1	6593.7	6427.8	6270.9
C180.0	6672.9	6470.8	6306.8	6160.9	6023.5	5904.1	5782.7	5664.2	5547.8	5426.5
C202.5	7998.7	7886.6	7770.2	7656.6	7510.4	7366.0	7203.8	7032.3	6890.3	6750.3
C225.0	7116.5	6975.3	6858.2	6774.1	6692.2	6606.0	6496.9	6359.7	6187.4	6014.4
C247.5	7189.0	7055.8	6944.1	6858.2	6783.1	6723.6	6646.0	6528.4	6363.3	6203.8
C270.0	8952.6	8880.7	8803.9	8718.6	8607.2	8496.3	8370.4	8161.7	7973.0	7819.9
C292.5	6903.0	6768.9	6663.9	6577.1	6500.1	6433.9	6351.7	6239.2	6104.2	5960.4
C315.0	7145.8	6973.7	6840.7	6725.5	6618.2	6501.1	6373.5	6226.8	6062.2	5915.1
C337.5	7424.9	7275.5	7139.7	7008.2	6879.7	6738.0	6595.6	6441.2	6291.4	6182.0
C360.0	6482.7	6296.3	6131.6	5988.5	5855.0	5731.8	5620.2	5507.0	5386.7	5274.1
C\G	G60.0	G61.0	G62.0	G63.0	G64.0	G65.0	G66.0	G67.0	G68.0	G69.0
C0.0	5146.8	5006.3	4852.8	4688.2	4523.5	4360.0	4195.5	4047.2	3961.6	4304.8
C22.5	6298.0	6229.1	6146.1	6072.3	5979.1	5729.5	5445.5	5175.8	4949.7	5228.4
C45.0	5749.0	5625.7	5509.5	5386.4	5245.6	5091.3	4938.9	4796.0	4668.3	4678.1
C67.5	6021.0	5856.6	5693.4	5534.2	5370.4	5193.1	5005.8	4807.8	4625.2	4469.0
C90.0	7453.3	7361.9	7513.8	7403.6	6795.9	6379.5	6012.2	5476.5	5251.4	5394.0
C112.5	5920.5	5751.3	5589.2	5431.2	5268.4	5110.9	4952.9	4815.4	4690.4	4566.2
C135.0	5978.7	5852.9	5732.1	5596.8	5449.3	5298.1	5157.7	5035.2	4868.2	4681.0
C157.5	6153.4	6042.2	5942.3	5818.5	5676.2	5543.7	5366.6	5143.2	4897.0	4730.4
C180.0	5307.5	5174.9	5032.8	4893.9	4735.1	4575.2	4415.8	4268.1	4132.6	4056.8
C202.5	6637.5	6563.9	6552.7	6529.1	6467.3	6220.1	5869.3	5502.2	5210.3	5050.0
C225.0	5866.6	5734.7	5602.5	5468.6	5321.8	5163.7	4977.6	4811.4	4654.6	4541.7
C247.5	6055.4	5891.5	5738.1	5584.9	5422.6	5257.6	5070.4	4873.4	4699.5	4536.9
C270.0	7704.0	7727.4	8021.9	7889.8	7249.7	6818.7	6273.9	5607.2	5368.0	6182.7
C292.5	5810.7	5646.0	5476.6	5308.6	5144.9	4980.1	4807.7	4635.9	4471.1	4355.5
C315.0	5787.5	5670.0	5537.5	5395.9	5238.4	5101.5	4965.6	4833.5	4677.4	4598.0
C337.5	6093.8	6015.3	5936.8	5856.9	5743.1	5636.5	5409.4	5134.7	4914.4	5031.2
C360.0	5146.8	5006.3	4852.8	4688.2	4523.5	4360.0	4195.5	4047.2	3961.6	4304.8

## 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	5331.0	6506.2	7827.5	8422.1	8446.0	8432.3	8433.6	8437.0	8423.8	8387.4
C22.5	6345.9	7979.3	9302.5	9716.8	9682.7	9814.3	10181.9	10122.5	9615.6	9232.3
C45.0	5462.4	7382.3	9228.4	10026.9	9931.4	9688.5	9544.7	9484.5	9312.9	9118.0
C67.5	4733.4	6431.2	8945.9	10083.6	10028.7	9785.2	9626.0	9557.3	9458.4	9372.9
C90.0	7005.9	7563.5	9355.4	10468.0	10373.6	10186.3	10721.2	11501.2	11607.1	11175.7
C112.5	4615.1	5989.0	8290.4	9461.7	9526.6	9348.9	9245.4	9262.6	9271.4	9267.2
C135.0	4745.8	6022.6	7630.2	8796.7	9181.1	9223.2	9247.9	9291.7	9350.6	9235.1
C157.5	5007.5	6236.0	7620.5	8589.4	9151.1	9316.8	9438.9	9670.0	9773.9	9270.8
C180.0	4384.1	5616.4	7013.1	7786.3	8332.4	8457.4	8407.0	8310.6	8228.3	8166.0
C202.5	5562.4	6934.6	8246.9	8922.5	9376.6	9819.2	10818.4	11590.7	10678.1	9268.3
C225.0	4650.9	5708.4	7069.3	8121.0	8729.9	8840.1	8867.8	8901.1	8917.7	8782.2
C247.5	4494.6	5021.6	6436.4	7917.4	8711.0	8811.7	8746.6	8682.7	8627.1	8523.2
C270.0	7415.5	7413.7	8310.7	9022.9	9344.5	9818.7	10628.3	11128.8	10713.4	9905.3
C292.5	4782.2	6410.8	7947.2	8392.0	8395.0	8376.8	8412.3	8439.4	8439.8	8364.2
C315.0	5249.4	6625.9	7885.0	8440.0	8517.5	8579.0	8686.1	8778.0	8711.9	8414.9
C337.5	6055.5	7251.6	8429.9	9067.5	9220.7	9574.7	9972.0	9928.9	9331.6	8752.7
C360.0	5331.0	6506.2	7827.5	8422.1	8446.0	8432.3	8433.6	8437.0	8423.8	8387.4
C\G	G80.0	G81.0	G82.0	G83.0	G84.0	G85.0	G86.0	G87.0	G88.0	G89.0
C0.0	8291.0	8137.2	7978.7	7794.9	7364.4	6995.3	6470.1	5624.2	4507.1	3354.7
C22.5	8962.8	8764.7	8383.4	7835.7	7155.1	6333.7	5379.4	4385.7	3459.9	2679.2
C45.0	8888.0	8713.2	8560.9	8409.4	8209.9	7858.6	7395.6	6780.3	5787.8	4450.4
C67.5	9251.5	9033.3	8815.8	8594.4	8399.8	8114.3	7716.1	7097.2	5839.3	3855.8
C90.0	10561.7	9884.9	9270.9	8704.6	8127.1	7212.2	5868.5	4412.1	3101.1	1977.1
C112.5	9243.2	9190.2	9058.8	8975.3	8706.5	8323.9	7901.7	7338.1	6410.0	4965.6
C135.0	8974.6	8765.7	8605.3	8481.4	8222.6	7817.4	7348.9	6809.9	6143.5	5171.9
C157.5	8715.0	8508.8	8339.6	8056.5	7605.8	7064.6	6418.3	5685.6	4882.8	4050.7
C180.0	8124.8	8087.5	8016.6	8106.3	7818.3	7400.6	7044.6	6399.7	5402.8	4319.5
C202.5	8566.4	8364.4	8178.0	7786.6	7267.1	6608.6	5820.9	4902.1	3979.0	3153.2
C225.0	8422.6	8040.5	7754.3	7521.1	7321.1	7087.3	6742.8	6261.2	5574.4	4525.2
C247.5	8373.5	8113.1	7787.8	7536.8	7319.1	7019.0	6722.1	6281.8	5577.8	4187.1
C270.0	8969.1	8178.8	7594.4	7011.8	6422.3	5522.0	4273.8	3113.8	2148.8	1432.8
C292.5	8246.0	8023.1	7768.3	7513.0	7160.7	6822.3	6382.1	5792.2	4869.5	3548.0
C315.0	8116.0	7826.1	7545.1	7318.1	6984.1	6544.6	5943.6	4991.9	3662.6	2625.5
C337.5	8438.2	8237.6	7904.6	7463.7	6923.7	6259.5	5268.8	4095.6	3118.0	2304.9
C360.0	8291.0	8137.2	7978.7	7794.9	7364.4	6995.3	6470.1	5624.2	4507.1	3354.7
C\G	G90.0	G91.0	G92.0	G93.0	G94.0	G95.0	G96.0	G97.0	G98.0	G99.0
C0.0	2515.9	123.6	52.5	51.3	420.9	476.9	532.8	318.1	199.4	120.5
C22.5	1678.4	989.7	745.7	705.8	665.9	668.5	671.0	469.0	291.3	177.5
C45.0	3102.4	111.3	51.6	47.4	44.9	342.2	351.8	192.6	159.7	165.2
C67.5	2437.9	156.9	56.9	51.6	49.0	49.9	58.9	46.6	43.3	44.0
C90.0	1095.8	497.0	44.8	43.1	43.1	42.3	42.3	42.6	111.9	469.7

## Light intensity data Unit[cd]

C112.5	3320.9	1599.5	53.8	48.1	48.9	48.9	48.9	50.5	37.2	34.0
C135.0	3993.3	2096.9	51.3	48.0	48.0	51.4	428.1	480.3	532.6	342.3
C157.5	3199.2	1093.6	883.6	827.2	770.8	862.7	954.6	798.8	693.5	594.0
C180.0	3438.1	1220.9	1071.1	921.3	1201.6	1446.5	1691.5	1291.0	867.7	629.6
C202.5	2361.2	1338.4	891.0	827.5	764.0	835.4	906.7	751.1	647.8	558.5
C225.0	3374.9	2246.8	48.9	47.3	46.5	56.7	315.4	375.7	436.1	265.3
C247.5	2631.5	1835.9	225.6	44.9	42.4	39.9	39.9	39.9	40.0	40.7
C270.0	905.1	590.4	82.4	41.7	38.2	36.5	34.8	33.2	32.3	113.5
C292.5	2264.8	1582.6	114.1	48.2	44.0	40.7	40.6	45.5	37.3	34.0
C315.0	1834.0	1094.8	65.4	43.1	39.0	38.1	51.7	55.3	58.9	51.2
C337.5	1589.8	150.9	49.8	45.5	278.8	316.2	179.6	126.0	90.7	86.9
C360.0	2515.9	123.6	52.5	51.3	420.9	476.9	532.8	318.1	199.4	120.5
C\G	G100.0	G101.0	G102.0	G103.0	G104.0	G105.0	G106.0	G107.0	G108.0	G109.0
C0.0	73.1	48.7	38.1	34.7	44.5	96.1	114.9	88.1	63.4	29.6
C22.5	91.3	52.8	44.1	85.4	130.0	132.8	85.8	39.7	24.5	21.6
C45.0	170.7	181.5	111.6	49.2	26.8	24.9	24.9	23.3	22.4	21.6
C67.5	43.2	43.2	43.2	43.2	40.4	37.6	33.3	31.6	29.1	29.1
C90.0	690.4	749.5	808.7	707.7	613.6	512.2	390.7	268.6	196.1	93.2
C112.5	33.2	33.2	33.2	34.0	31.5	29.0	27.3	26.5	26.5	24.1
C135.0	174.1	72.2	39.7	38.7	19.8	19.1	19.1	19.1	19.1	19.1
C157.5	478.8	349.3	231.8	134.0	65.2	41.3	40.3	24.0	22.3	21.5
C180.0	514.0	418.3	317.1	217.2	128.4	64.7	40.5	39.4	23.9	19.0
C202.5	457.1	338.2	224.9	123.0	61.3	40.6	36.3	22.4	21.6	21.6
C225.0	122.1	53.9	40.6	26.5	24.0	21.6	21.6	21.6	21.6	21.6
C247.5	41.5	41.5	39.9	38.2	31.5	27.4	28.3	27.4	27.4	27.4
C270.0	538.9	595.8	518.1	434.5	326.9	209.9	113.3	61.8	24.4	21.6
C292.5	33.2	32.3	32.3	32.3	33.2	32.3	29.9	29.0	26.6	24.9
C315.0	55.8	60.4	57.7	55.1	29.2	26.5	25.7	23.3	24.0	23.2
C337.5	64.2	50.6	37.5	34.0	50.3	60.8	71.3	46.1	25.0	24.0
C360.0	73.1	48.7	38.1	34.7	44.5	96.1	114.9	88.1	63.4	29.6
C\G	G110.0	G111.0	G112.0	G113.0	G114.0	G115.0	G116.0	G117.0	G118.0	G119.0
C0.0	24.1	24.0	24.0	24.0	24.0	24.0	24.0	24.0	15.9	14.9
C22.5	21.6	20.8	20.8	19.9	19.9	19.1	18.3	18.3	18.3	18.3
C45.0	21.6	20.8	20.8	20.8	19.1	19.1	18.3	19.1	17.4	17.4
C67.5	26.6	27.4	25.8	24.9	24.1	22.5	22.4	21.6	21.6	21.6
C90.0	70.4	41.6	19.1	17.4	17.4	17.4	17.4	17.4	17.4	17.4
C112.5	24.0	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
C135.0	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
C157.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
C180.0	19.0	18.2	17.3	17.4	18.2	17.3	16.6	16.6	16.6	17.4
C202.5	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
C225.0	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6



## Light intensity data Unit[cd]

C247.5	27.4	26.5	23.3	23.3	22.4	22.4	22.4	22.4	22.4	22.4
C270.0	20.8	19.1	19.1	18.3	17.4	15.8	16.6	14.9	14.9	14.9
C292.5	24.8	24.8	23.3	23.3	21.6	21.6	20.8	19.9	19.9	18.3
C315.0	23.2	23.2	22.3	21.5	21.5	21.5	20.7	19.9	18.3	18.3
C337.5	23.2	24.0	22.4	22.3	23.2	22.3	21.5	19.8	19.8	19.8
C360.0	24.1	24.0	24.0	24.0	24.0	24.0	24.0	24.0	15.9	14.9
C\G	G120.0	G121.0	G122.0	G123.0	G124.0	G125.0	G126.0	G127.0	G128.0	G129.0
C0.0	17.3	21.5	25.6	26.5	26.5	27.3	28.9	30.6	33.1	26.4
C22.5	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
C45.0	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
C67.5	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
C90.0	17.4	17.4	17.4	16.6	16.6	16.6	16.6	16.6	18.3	17.4
C112.5	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	24.0	23.3
C135.0	19.1	19.1	19.1	19.1	19.1	19.1	19.9	20.7	21.5	22.3
C157.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
C180.0	19.8	24.0	24.8	25.7	25.7	25.7	25.7	25.7	26.4	25.6
C202.5	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
C225.0	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	22.4	22.4
C247.5	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	23.3
C270.0	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1
C292.5	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
C315.0	18.3	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
C337.5	19.8	19.8	19.8	19.0	19.0	19.0	19.0	19.0	19.0	19.0
C360.0	17.3	21.5	25.6	26.5	26.5	27.3	28.9	30.6	33.1	26.4
C\G	G130.0	G131.0	G132.0	G133.0	G134.0	G135.0	G136.0	G137.0	G138.0	G139.0
C0.0	19.8	19.8	19.1	43.9	47.2	52.1	56.1	58.6	38.6	37.2
C22.5	18.3	18.3	18.3	19.1	25.6	27.3	28.2	29.0	28.3	32.2
C45.0	16.6	16.6	16.6	16.6	16.6	16.6	17.4	19.0	22.3	26.5
C67.5	21.6	21.6	21.6	21.6	21.6	22.4	23.3	26.6	26.6	29.9
C90.0	17.4	19.9	19.1	20.8	21.6	21.6	23.3	24.9	26.6	28.2
C112.5	26.6	27.4	29.8	29.0	29.0	29.0	29.0	29.1	30.7	31.5
C135.0	22.3	22.3	23.2	23.2	24.0	24.8	24.8	25.7	25.8	28.2
C157.5	21.5	23.2	24.0	23.2	24.8	24.8	25.7	24.8	26.5	28.2
C180.0	23.9	19.8	19.0	21.1	33.1	33.1	33.1	33.9	30.7	32.2
C202.5	21.6	21.6	22.4	22.4	24.1	23.3	23.3	26.6	29.1	30.0
C225.0	22.4	22.4	23.3	23.3	24.9	26.6	27.4	29.9	31.6	34.1
C247.5	23.3	24.1	25.8	27.4	28.3	29.1	29.9	31.6	33.3	34.1
C270.0	14.1	14.1	14.1	14.9	16.5	18.3	19.8	26.4	26.5	30.7
C292.5	17.4	17.4	18.3	19.1	20.8	24.0	24.8	26.5	29.0	33.9
C315.0	17.4	17.4	17.4	18.2	18.3	19.8	24.7	27.2	26.5	30.6
C337.5	19.0	19.8	20.7	25.6	26.5	28.1	27.3	28.1	30.6	33.9
C360.0	19.8	19.8	19.1	43.9	47.2	52.1	56.1	58.6	38.6	37.2

## 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	38.9	42.1	48.6	55.3	63.4	70.2	85.7	99.2	114.6	130.2
C22.5	38.9	40.6	47.2	53.8	61.3	69.5	79.5	92.5	107.7	122.6
C45.0	29.8	35.7	41.5	48.0	55.4	67.1	77.8	91.2	105.0	121.1
C67.5	33.2	38.9	41.5	48.2	54.0	63.1	69.7	79.6	92.0	104.5
C90.0	30.7	32.3	35.7	39.0	44.9	50.6	55.7	63.8	72.3	83.0
C112.5	33.2	36.5	39.1	43.1	47.3	53.2	59.8	64.8	71.6	80.6
C135.0	29.1	32.3	35.7	39.0	43.1	48.9	54.9	62.2	69.8	80.3
C157.5	30.6	32.2	34.8	39.9	44.8	49.8	56.2	63.8	72.3	84.5
C180.0	33.1	36.4	39.7	43.9	48.8	54.8	60.5	68.9	77.7	88.7
C202.5	34.1	35.8	40.7	45.8	52.4	59.2	67.4	75.6	87.3	99.8
C225.0	37.5	40.8	44.9	50.0	55.8	60.6	68.3	78.1	91.6	105.5
C247.5	37.5	41.6	46.5	50.8	57.5	65.9	74.2	85.0	97.2	113.3
C270.0	39.5	43.1	51.3	58.6	68.5	80.4	94.2	109.2	127.1	145.3
C292.5	38.1	45.4	52.1	60.4	70.3	81.8	95.3	111.5	129.1	146.4
C315.0	38.8	42.3	48.7	57.0	66.0	73.6	87.4	101.4	118.8	136.3
C337.5	40.4	44.7	51.2	58.7	68.3	79.3	93.2	105.7	122.6	139.0
C360.0	38.9	42.1	48.6	55.3	63.4	70.2	85.7	99.2	114.6	130.2
C\G	G150.0	G151.0	G152.0	G153.0	G154.0	G155.0	G156.0	G157.0	G158.0	G159.0
C0.0	144.4	159.5	172.7	185.3	199.8	216.4	232.9	250.6	269.5	289.0
C22.5	138.5	154.0	169.1	183.8	199.8	215.8	233.3	252.0	270.8	291.0
C45.0	138.2	156.0	173.9	190.0	206.2	226.2	242.9	261.7	277.8	294.5
C67.5	118.7	132.9	147.1	161.0	175.1	190.9	209.3	226.0	240.9	255.9
C90.0	94.6	109.6	126.1	144.5	162.5	180.7	199.3	218.3	236.2	257.1
C112.5	91.6	106.2	121.3	138.1	156.2	175.5	192.9	211.3	229.2	248.1
C135.0	92.9	107.1	122.6	138.4	155.2	172.4	189.0	206.6	223.6	240.5
C157.5	97.9	112.2	128.3	145.2	162.2	178.9	194.8	213.5	231.2	246.6
C180.0	102.1	115.1	127.5	132.4	135.9	161.5	195.3	214.3	230.3	247.5
C202.5	114.9	133.1	153.6	171.5	189.3	205.3	216.0	222.7	232.8	247.4
C225.0	121.3	138.2	156.2	171.2	185.5	197.6	207.7	217.0	230.1	247.9
C247.5	129.4	148.1	166.7	187.1	206.6	224.3	243.0	259.6	276.5	292.9
C270.0	163.0	182.6	197.8	215.4	232.4	248.4	265.8	280.5	296.6	316.0
C292.5	164.9	182.8	199.7	216.8	235.2	252.8	270.3	288.4	306.4	324.0
C315.0	155.2	173.2	190.2	209.0	229.0	249.0	267.9	286.7	306.5	324.3
C337.5	156.8	171.6	186.6	200.9	215.0	232.1	248.7	267.4	281.1	298.6
C360.0	144.4	159.5	172.7	185.3	199.8	216.4	232.9	250.6	269.5	289.0
C\G	G160.0	G161.0	G162.0	G163.0	G164.0	G165.0	G166.0	G167.0	G168.0	G169.0
C0.0	307.2	323.8	340.5	354.4	368.0	381.0	394.3	400.3	416.1	434.9
C22.5	309.4	325.3	340.0	352.6	365.7	371.0	384.2	400.4	417.2	440.8
C45.0	310.0	323.4	339.3	357.1	371.6	387.5	403.6	420.6	438.1	450.4
C67.5	274.9	294.8	315.5	335.0	354.5	372.4	389.9	407.2	422.3	438.0
C90.0	276.1	293.4	310.0	326.7	345.0	361.4	377.1	393.9	409.7	422.7



## Light intensity data Unit[cd]

C112.5	267.2	284.9	303.6	322.1	340.4	358.0	375.1	390.2	405.7	423.3
C135.0	257.9	275.8	291.9	311.3	329.7	346.4	361.9	378.6	395.4	411.5
C157.5	264.7	281.6	297.9	314.6	330.3	345.2	358.4	371.8	387.2	403.0
C180.0	262.4	278.5	295.5	313.8	328.8	342.5	356.7	369.3	383.1	394.8
C202.5	264.3	283.4	303.3	320.7	338.3	356.3	371.9	386.1	400.2	410.2
C225.0	270.5	293.4	313.7	332.2	350.5	367.2	381.1	393.7	407.5	418.5
C247.5	309.5	327.5	343.7	360.4	375.8	388.3	399.3	409.4	420.1	433.2
C270.0	333.7	351.2	368.8	386.6	400.3	413.4	425.9	438.5	449.8	464.9
C292.5	342.4	358.2	373.7	387.2	399.5	411.2	422.8	438.3	451.7	466.5
C315.0	339.2	352.4	364.2	374.7	387.9	400.4	412.8	427.1	441.6	457.7
C337.5	314.8	329.8	342.4	357.0	369.6	385.1	399.2	413.5	428.9	443.2
C360.0	307.2	323.8	340.5	354.4	368.0	381.0	394.3	400.3	416.1	434.9
C\G	G170.0	G171.0	G172.0	G173.0	G174.0	G175.0	G176.0	G177.0	G178.0	G179.0
C0.0	455.2	480.2	498.6	515.2	531.3	533.4	533.5	533.5	533.5	533.5
C22.5	454.6	467.1	478.0	490.2	504.6	510.5	517.1	518.8	521.3	525.4
C45.0	467.1	482.5	496.0	511.8	527.4	534.3	536.1	537.7	537.8	537.8
C67.5	449.6	458.0	468.8	481.3	498.0	506.1	513.6	517.9	521.2	522.1
C90.0	438.5	449.2	460.1	475.0	482.5	492.3	499.0	518.9	526.3	532.9
C112.5	439.0	450.4	458.7	471.0	477.8	487.0	496.5	515.1	525.1	531.6
C135.0	427.3	439.0	448.0	463.2	480.2	495.5	513.7	533.1	535.7	544.0
C157.5	418.8	431.1	443.7	460.8	480.7	500.0	517.8	536.3	545.8	545.8
C180.0	404.8	415.3	424.6	440.3	456.2	474.1	492.3	522.2	536.8	536.8
C202.5	417.5	421.9	430.5	446.6	463.5	485.8	505.2	526.3	535.4	535.4
C225.0	429.2	436.6	442.7	458.1	474.9	490.1	508.0	527.1	530.3	531.1
C247.5	444.8	451.5	459.3	474.1	489.4	504.8	521.4	535.4	539.5	538.7
C270.0	467.4	474.0	479.8	490.3	517.8	533.7	537.8	544.5	543.8	543.7
C292.5	482.3	495.8	503.3	513.9	527.8	534.7	541.5	546.4	545.6	545.6
C315.0	471.5	487.3	498.2	511.5	528.6	533.1	539.6	544.6	544.7	546.4
C337.5	461.7	480.0	500.0	517.8	534.1	541.7	541.8	541.8	537.7	536.8
C360.0	455.2	480.2	498.6	515.2	531.3	533.4	533.5	533.5	533.5	533.5
C\G	G180.0									
C0.0	533.5									
C22.5	533.5									
C45.0	533.5									
C67.5	533.5									
C90.0	533.5									
C112.5	533.5									
C135.0	533.5									
C157.5	533.5									
C180.0	533.5									
C202.5	533.5									
C225.0	533.5									

## Light intensity data Unit[cd]

C247.5	533.5									
C270.0	533.5									
C292.5	533.5									
C315.0	533.5									
C337.5	533.5									
C360.0	533.5									

## Zonal Luminous Flux Data

Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
0.0	373403.00	0.00	0.00	0.00	0.00
0.0-1.0	372828.30	357.06	357.06	0.24	0.24
1.0-2.0	371049.60	1067.68	1424.74	0.71	0.95
2.0-3.0	368028.00	1767.63	3192.37	1.18	2.13
3.0-4.0	363635.70	2449.11	5641.48	1.63	3.76
4.0-5.0	357974.10	3104.33	8745.81	2.07	5.83
5.0-6.0	350827.70	3724.94	12470.75	2.48	8.31
6.0-7.0	342114.80	4301.08	16771.83	2.87	11.18
7.0-8.0	331598.70	4821.64	21593.47	3.21	14.40
8.0-9.0	318936.40	5272.23	26865.71	3.51	17.91
9.0-10.0	303850.30	5635.99	32501.70	3.76	21.67
10.0-11.0	285800.50	5891.82	38393.52	3.93	25.60
11.0-12.0	264924.00	6020.21	44413.73	4.01	29.61
12.0-13.0	240958.40	6003.55	50417.27	4.00	33.61
13.0-14.0	214576.20	5830.80	56248.08	3.89	37.50
14.0-15.0	187403.30	5518.56	61766.64	3.68	41.18
15.0-16.0	160551.00	5098.50	66865.15	3.40	44.58
16.0-17.0	136333.10	4623.28	71488.45	3.08	47.66
17.0-18.0	115548.90	4152.99	75641.44	2.77	50.43
18.0-19.0	98254.59	3719.74	79361.19	2.48	52.91
19.0-20.0	84182.48	3339.11	82700.30	2.23	55.14
20.0-21.0	72808.28	3014.54	85714.84	2.01	57.15
21.0-22.0	63625.54	2741.70	88456.52	1.83	58.97
22.0-23.0	55985.87	2509.77	90966.30	1.67	60.65
23.0-24.0	49751.12	2311.79	93278.09	1.54	62.19
24.0-25.0	44098.03	2133.92	95412.02	1.42	63.61
25.0-26.0	39115.05	1964.25	97376.27	1.31	64.92
26.0-27.0	35060.65	1814.73	99190.99	1.21	66.13
27.0-28.0	31566.58	1686.86	100877.90	1.12	67.25
28.0-29.0	28534.75	1572.42	102450.30	1.05	68.30
29.0-30.0	25863.84	1468.75	103919.00	0.98	69.28
30.0-31.0	23438.97	1372.03	105291.10	0.91	70.20
31.0-32.0	21278.24	1281.10	106572.20	0.85	71.05
32.0-33.0	19412.85	1198.78	107770.90	0.80	71.85
33.0-34.0	17774.37	1125.40	108896.30	0.75	72.60
34.0-35.0	16296.43	1058.11	109954.40	0.71	73.31
35.0-36.0	15005.79	996.67	110951.10	0.66	73.97
36.0-37.0	13856.07	941.31	111892.40	0.63	74.60
37.0-38.0	12848.26	891.35	112783.70	0.59	75.19
38.0-39.0	11968.05	847.05	113630.80	0.56	75.76
39.0-40.0	11190.71	807.70	114438.50	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	10525.31	773.30	115211.80	0.52	76.81
41.0-42.0	9946.98	743.79	115955.60	0.50	77.31
42.0-43.0	9449.41	718.50	116674.10	0.48	77.79
43.0-44.0	9024.94	697.27	117371.40	0.46	78.25
44.0-45.0	8663.38	679.78	118051.10	0.45	78.70
45.0-46.0	8353.90	665.51	118716.70	0.44	79.15
46.0-47.0	8090.72	654.05	119370.70	0.44	79.58
47.0-48.0	7858.50	644.75	120015.40	0.43	80.01
48.0-49.0	7656.73	637.14	120652.60	0.42	80.44
49.0-50.0	7482.16	631.19	121283.80	0.42	80.86
50.0-51.0	7329.30	626.65	121910.40	0.42	81.28
51.0-52.0	7197.83	623.37	122533.80	0.42	81.69
52.0-53.0	7078.08	621.00	123154.80	0.41	82.11
53.0-54.0	6960.43	618.76	123773.50	0.41	82.52
54.0-55.0	6844.45	616.23	124389.80	0.41	82.93
55.0-56.0	6717.28	612.82	125002.60	0.41	83.34
56.0-57.0	6561.47	607.14	125609.70	0.40	83.74
57.0-58.0	6399.91	599.38	126209.10	0.40	84.14
58.0-59.0	6254.36	591.59	126800.70	0.39	84.54
59.0-60.0	6123.98	584.80	127385.50	0.39	84.93
60.0-61.0	6009.35	579.03	127964.50	0.39	85.31
61.0-62.0	5929.89	575.30	128539.80	0.38	85.70
62.0-63.0	5803.69	570.66	129110.50	0.38	86.08
63.0-64.0	5601.95	559.67	129670.10	0.37	86.45
64.0-65.0	5403.72	544.66	130214.80	0.36	86.81
65.0-66.0	5179.05	528.01	130742.80	0.35	87.17
66.0-67.0	4935.22	508.57	131251.40	0.34	87.50
67.0-68.0	4752.49	490.75	131742.10	0.33	87.83
68.0-69.0	4775.30	486.06	132228.20	0.32	88.16
69.0-70.0	5365.10	520.79	132749.00	0.35	88.50
70.0-71.0	6568.32	616.78	133365.80	0.41	88.91
71.0-72.0	8096.20	762.51	134128.30	0.51	89.42
72.0-73.0	8952.17	891.51	135019.80	0.59	90.02
73.0-74.0	9184.31	953.48	135973.30	0.64	90.65
74.0-75.0	9254.58	974.24	136947.50	0.65	91.30
75.0-76.0	9436.13	992.18	137939.70	0.66	91.96
76.0-77.0	9567.95	1013.21	138952.90	0.68	92.64
77.0-78.0	9403.85	1015.58	139968.50	0.68	93.32
78.0-79.0	9077.26	992.98	140961.40	0.66	93.98
79.0-80.0	8759.03	961.60	141923.00	0.64	94.62
80.0-81.0	8491.83	932.90	142855.90	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	8222.66	906.40	143762.30	0.60	95.85
82.0-83.0	7944.36	878.86	144641.10	0.59	96.43
83.0-84.0	7562.97	844.81	145486.00	0.56	97.00
84.0-85.0	7061.49	798.17	146284.10	0.53	97.53
85.0-86.0	6418.59	736.84	147021.00	0.49	98.02
86.0-87.0	5623.22	659.03	147680.00	0.44	98.46
87.0-88.0	4654.01	562.97	148242.90	0.38	98.83
88.0-89.0	3537.61	449.00	148691.90	0.30	99.13
89.0-90.0	2483.94	330.15	149022.10	0.22	99.35
90.0-91.0	1045.57	193.52	149215.60	0.13	99.48
91.0-92.0	280.53	72.69	149288.30	0.05	99.53
92.0-93.0	240.13	28.52	149316.80	0.02	99.55
93.0-94.0	284.13	28.69	149345.50	0.02	99.57
94.0-95.0	334.54	33.82	149379.30	0.02	99.59
95.0-96.0	396.79	39.91	149419.20	0.03	99.62
96.0-97.0	319.76	39.04	149458.30	0.03	99.64
97.0-98.0	267.48	31.92	149490.20	0.02	99.66
98.0-99.0	232.94	27.14	149517.40	0.02	99.68
99.0-100.0	223.84	24.70	149542.10	0.02	99.70
100.0-101.0	195.10	22.59	149564.70	0.02	99.71
101.0-102.0	163.66	19.28	149584.00	0.01	99.73
102.0-103.0	130.49	15.75	149599.70	0.01	99.74
103.0-104.0	103.54	12.48	149612.20	0.01	99.75
104.0-105.0	86.05	10.06	149622.30	0.01	99.75
105.0-106.0	68.94	8.19	149630.50	0.01	99.76
106.0-107.0	49.50	6.23	149636.70	0.00	99.76
107.0-108.0	37.38	4.54	149641.20	0.00	99.77
108.0-109.0	27.69	3.38	149644.60	0.00	99.77
109.0-110.0	25.65	2.76	149647.30	0.00	99.77
110.0-111.0	23.53	2.53	149649.90	0.00	99.77
111.0-112.0	21.52	2.30	149652.20	0.00	99.77
112.0-113.0	21.20	2.16	149654.30	0.00	99.77
113.0-114.0	20.94	2.12	149656.40	0.00	99.78
114.0-115.0	20.58	2.07	149658.50	0.00	99.78
115.0-116.0	20.32	2.02	149660.50	0.00	99.78
116.0-117.0	20.01	1.98	149662.50	0.00	99.78
117.0-118.0	19.29	1.91	149664.40	0.00	99.78
118.0-119.0	19.18	1.85	149666.30	0.00	99.78
119.0-120.0	19.33	1.84	149668.10	0.00	99.78
120.0-121.0	19.80	1.85	149669.90	0.00	99.78
121.0-122.0	20.10	1.87	149671.80	0.00	99.79

## Zonal Luminous Flux Data

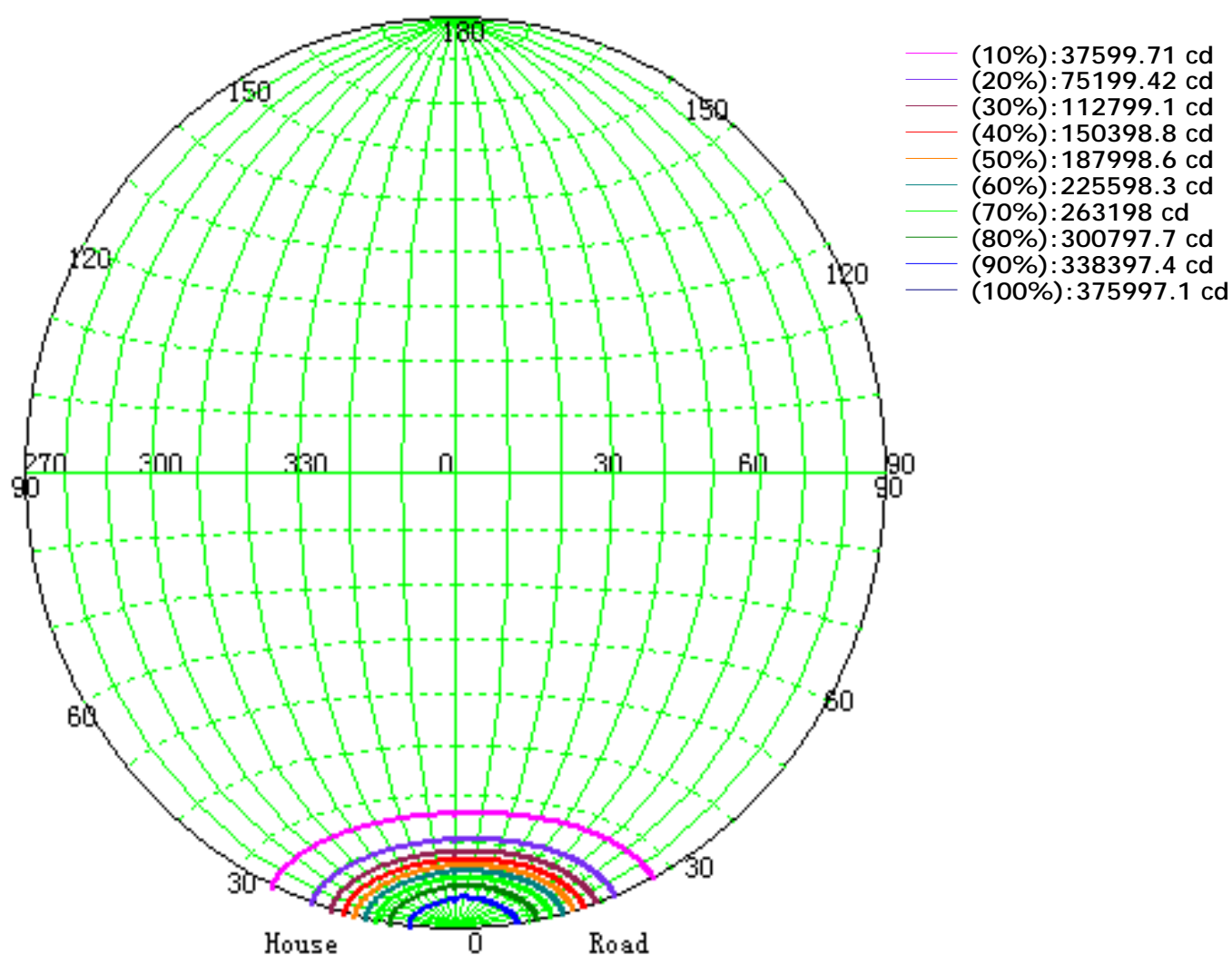
Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
122.0-123.0	20.11	1.86	149673.70	0.00	99.79
123.0-124.0	20.11	1.84	149675.50	0.00	99.79
124.0-125.0	20.16	1.82	149677.40	0.00	99.79
125.0-126.0	20.31	1.81	149679.20	0.00	99.79
126.0-127.0	20.46	1.80	149681.00	0.00	99.79
127.0-128.0	20.97	1.80	149682.80	0.00	99.79
128.0-129.0	20.51	1.78	149684.50	0.00	99.79
129.0-130.0	20.20	1.72	149686.20	0.00	99.80
130.0-131.0	20.36	1.69	149687.90	0.00	99.80
131.0-132.0	20.78	1.69	149689.60	0.00	99.80
132.0-133.0	23.08	1.77	149691.40	0.00	99.80
133.0-134.0	25.17	1.92	149693.30	0.00	99.80
134.0-135.0	26.30	2.01	149695.30	0.00	99.80
135.0-136.0	27.39	2.06	149697.40	0.00	99.80
136.0-137.0	29.25	2.14	149699.60	0.00	99.80
137.0-138.0	28.91	2.15	149701.70	0.00	99.81
138.0-139.0	31.34	2.19	149703.90	0.00	99.81
139.0-140.0	35.20	2.37	149706.30	0.00	99.81
140.0-141.0	38.80	2.58	149708.90	0.00	99.81
141.0-142.0	43.71	2.82	149711.70	0.00	99.81
142.0-143.0	49.47	3.11	149714.80	0.00	99.81
143.0-144.0	56.37	3.45	149718.20	0.00	99.82
144.0-145.0	64.25	3.84	149722.10	0.00	99.82
145.0-146.0	73.73	4.29	149726.40	0.00	99.82
146.0-147.0	84.55	4.79	149731.20	0.00	99.83
147.0-148.0	97.29	5.36	149736.50	0.00	99.83
148.0-149.0	111.33	5.98	149742.50	0.00	99.83
149.0-150.0	126.53	6.62	149749.10	0.00	99.84
150.0-151.0	142.64	7.27	149756.40	0.00	99.84
151.0-152.0	158.72	7.88	149764.30	0.01	99.85
152.0-153.0	174.42	8.43	149772.70	0.01	99.85
153.0-154.0	190.37	8.92	149781.60	0.01	99.86
154.0-155.0	207.99	9.40	149791.00	0.01	99.87
155.0-156.0	225.57	9.86	149800.90	0.01	99.87
156.0-157.0	242.27	10.23	149811.10	0.01	99.88
157.0-158.0	258.72	10.51	149821.60	0.01	99.89
158.0-159.0	276.32	10.75	149832.40	0.01	99.89
159.0-160.0	294.01	10.95	149843.40	0.01	99.90
160.0-161.0	311.08	11.07	149854.50	0.01	99.91
161.0-162.0	327.74	11.11	149865.50	0.01	99.91
162.0-163.0	344.15	11.08	149876.60	0.01	99.92



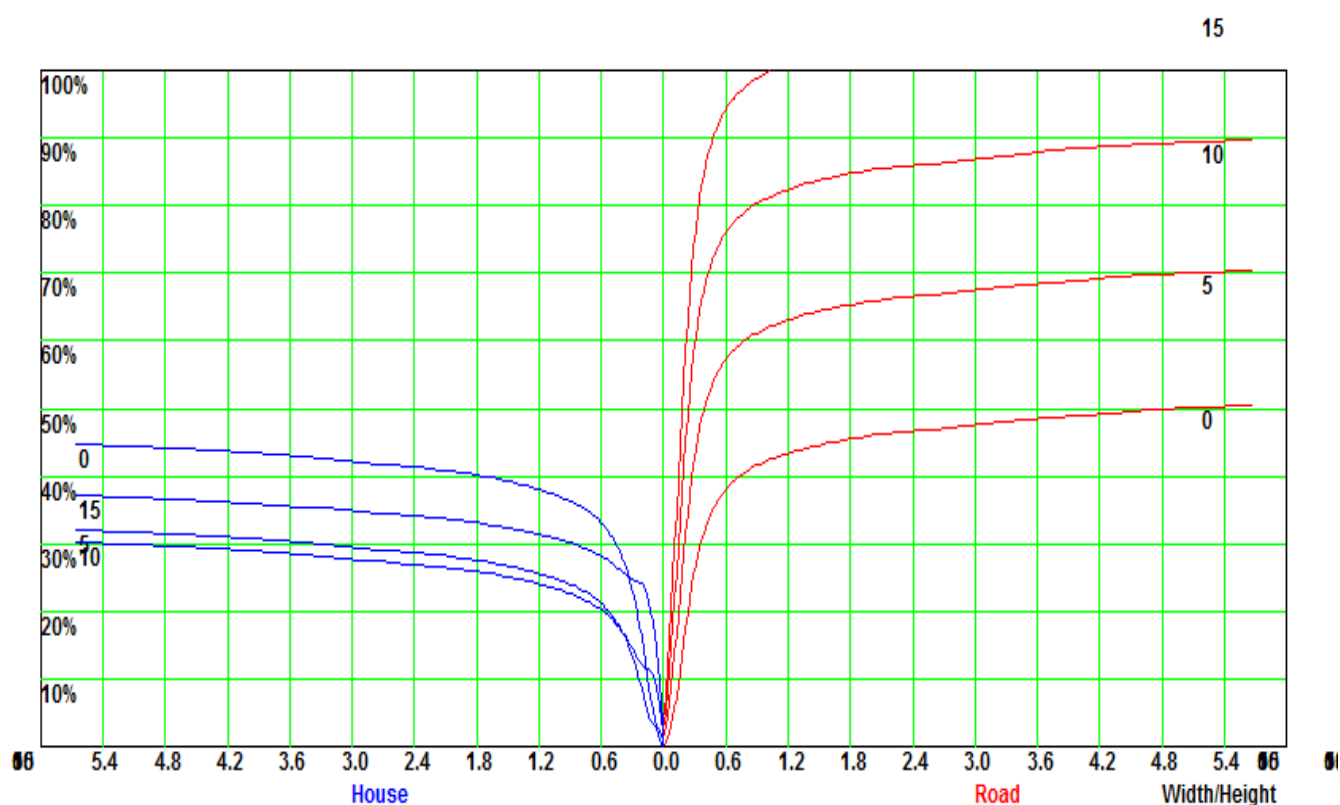
## Zonal Luminous Flux Data

[illegible]

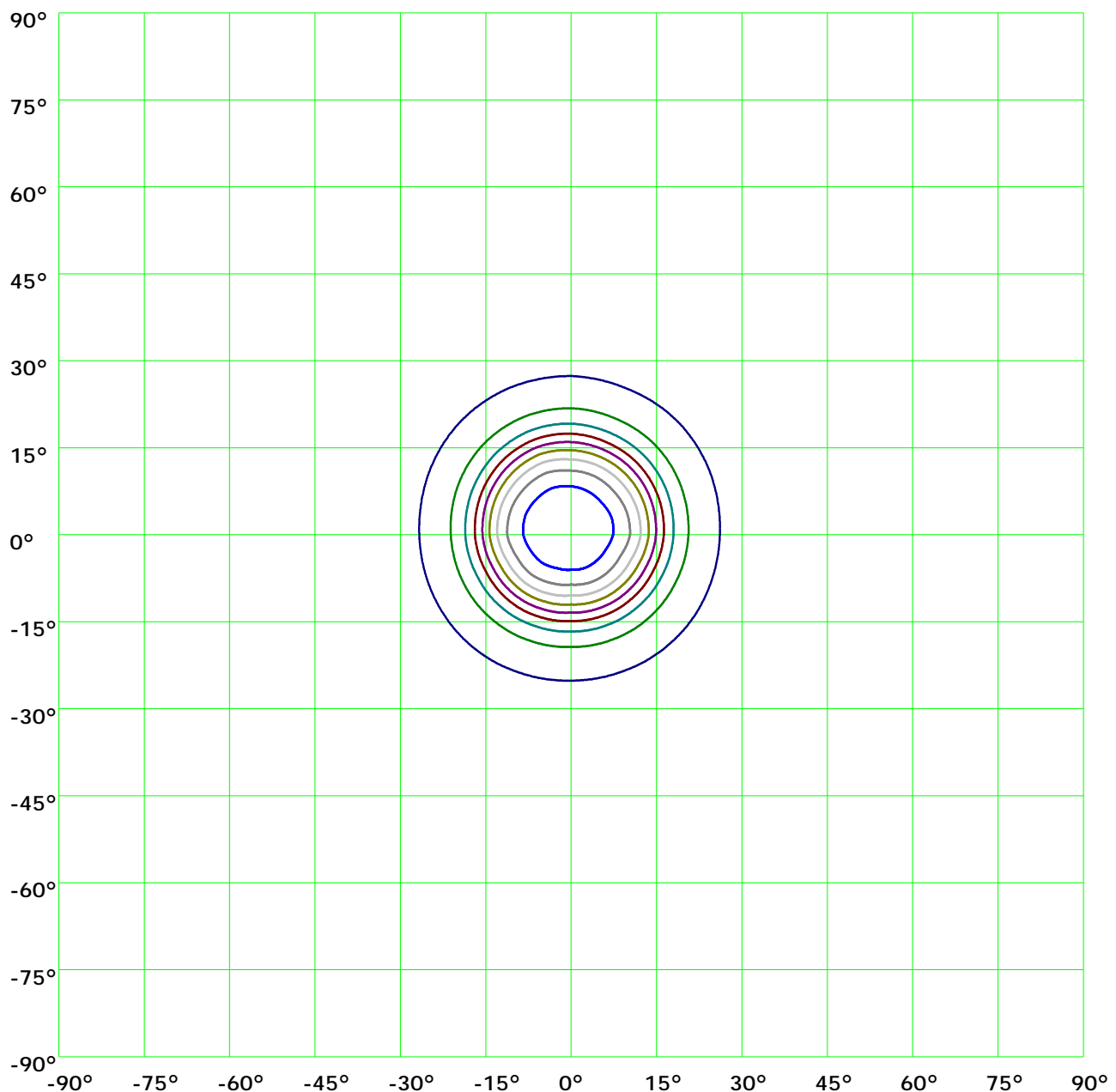
## Iso-Candela [cd]



## Coefficient Utilization Curve

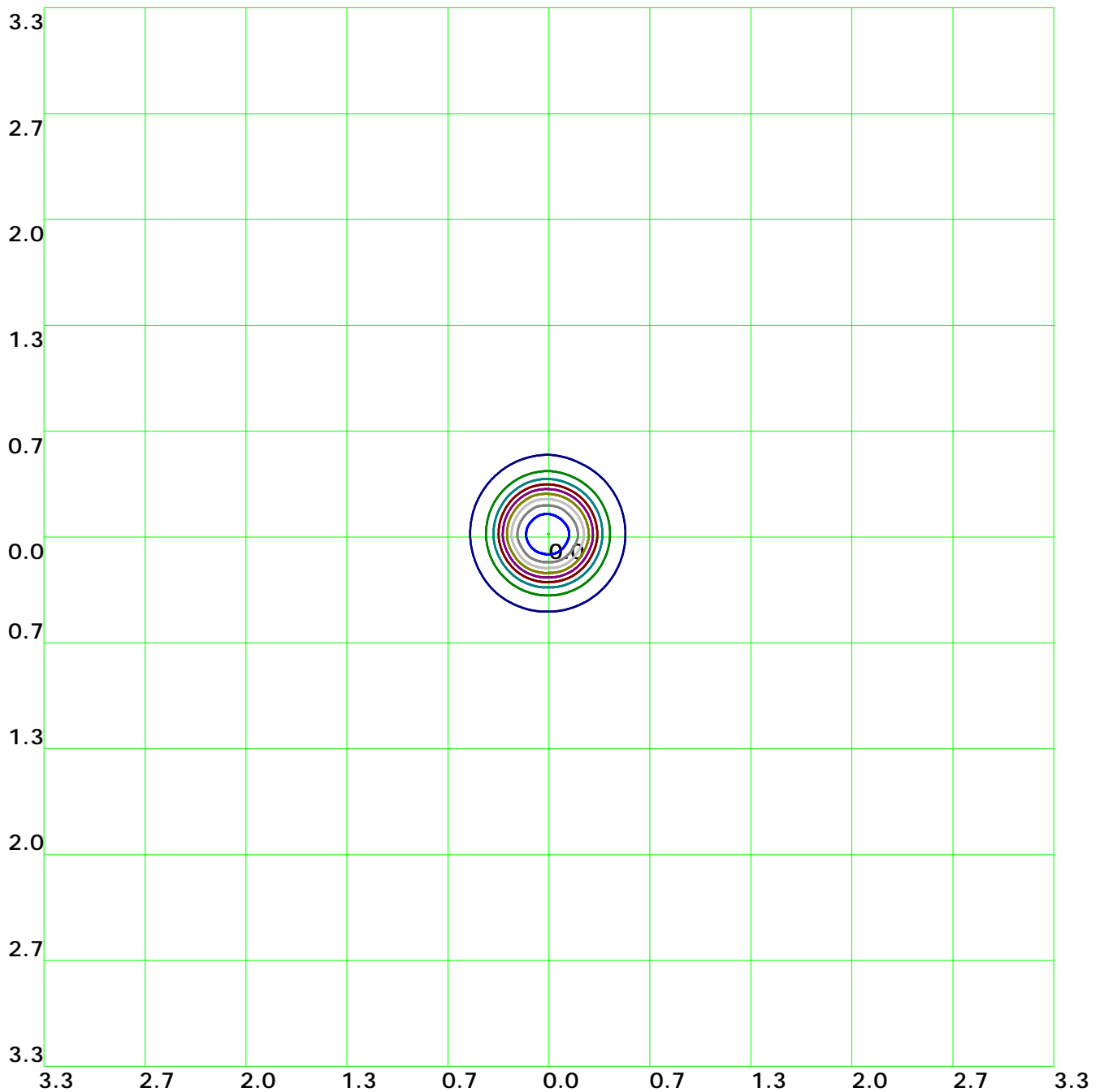


## Isocandela(rectangle)



(10%): 37599.7cd (20%): 75199.4cd (30%): 112799.1cd (40%): 150398.9cd  
(50%): 187998.6cd (60%): 225598.3cd (70%): 263198.cd (80%): 300797.7cd  
(90%): 338397.4cd (100%): 375997.1cd

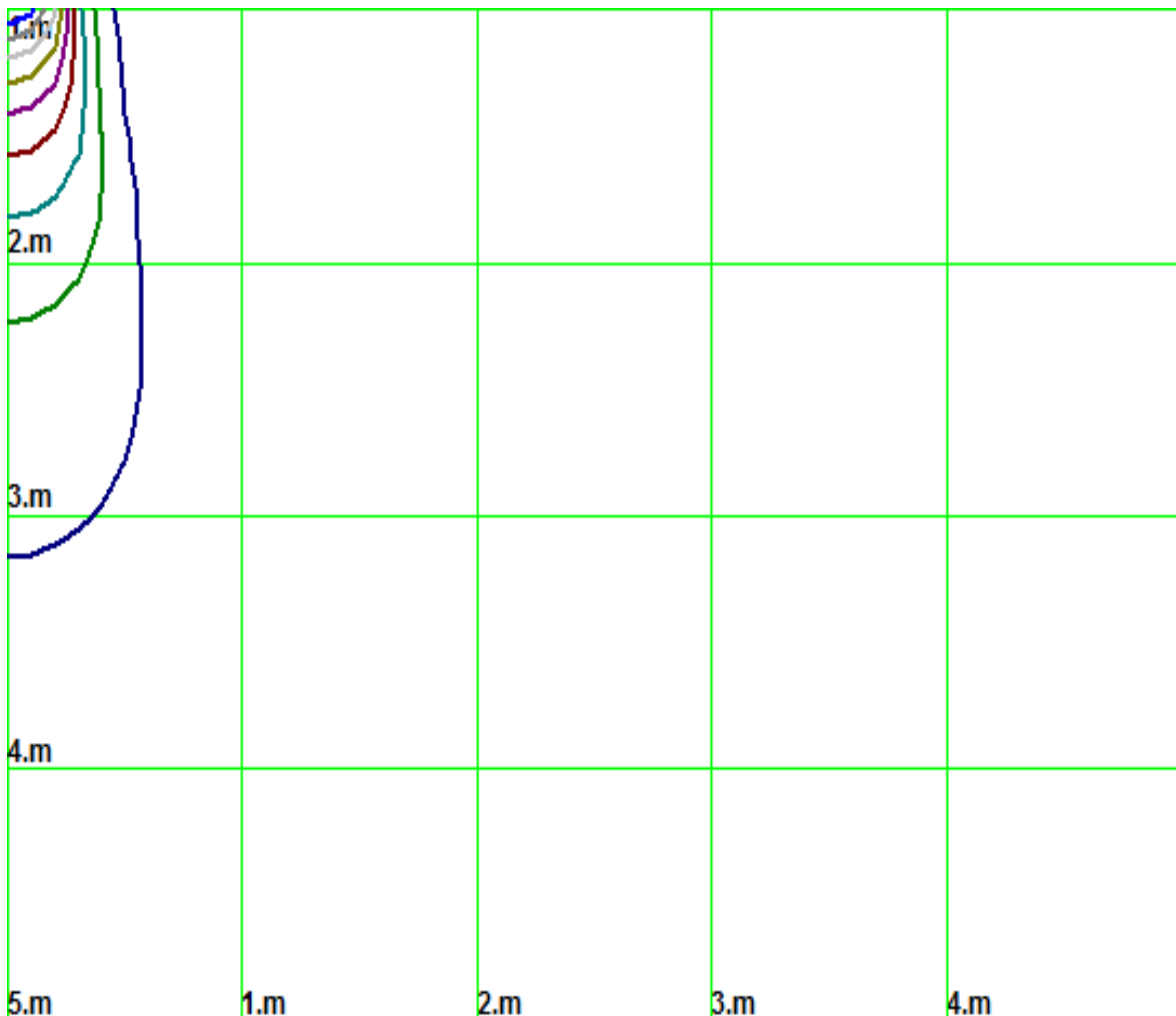
## Isolx curve



Height: 1 m

— (10%): 37599.7lx	— (20%): 75199.4lx	— (30%): 112799.1lx	— (40%): 150398.9lx
— (50%): 187998.6lx	— (60%): 225598.3lx	— (70%): 263198.1lx	— (80%): 300797.7lx
— (90%): 338397.4lx	— (100%): 375621.1lx		

## Space Isolx Curve



(10%): 37599.7lx    (20%): 75199.4lx    (30%): 112799.1lx    (40%): 150398.9lx  
 (50%): 187998.6lx    (60%): 225598.3lx    (70%): 263198.1lx    (80%): 300797.7lx  
 (90%): 338397.4lx    (100%): 375621.1lx



## Luminance Limiting Curve

Diameter: .842mm

Length: .842mm

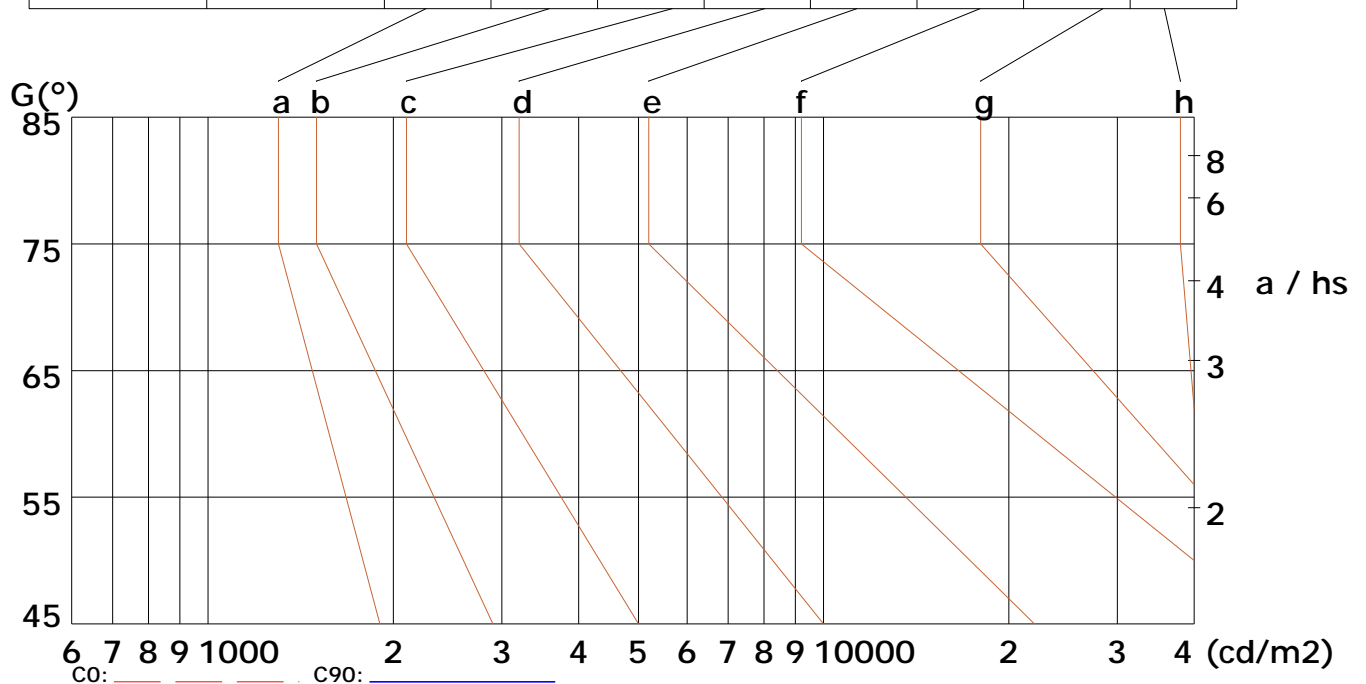
Width: .579mm

Height: .199mm

(cd/m2)

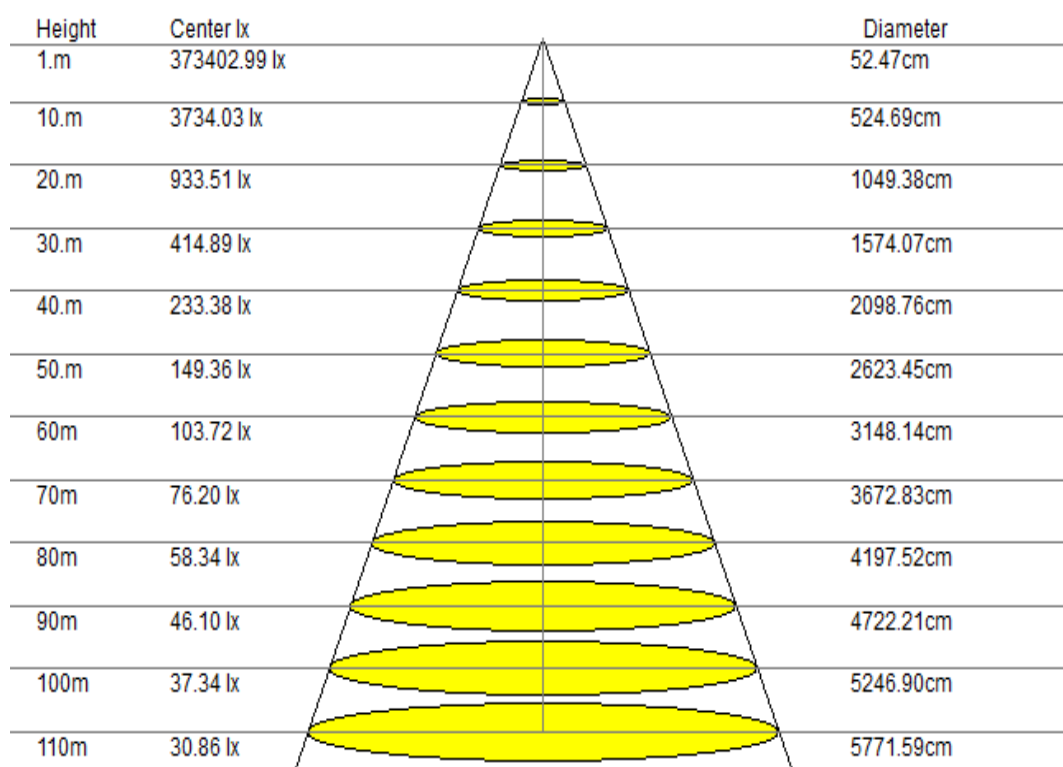
$\gamma$	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	352994	58358	68586	72663	77380	81209	83918	85205	86068
C90	28186	25213	24982	25733	25791	28967	31449	36193	40065

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: 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

