

Luminaire Property

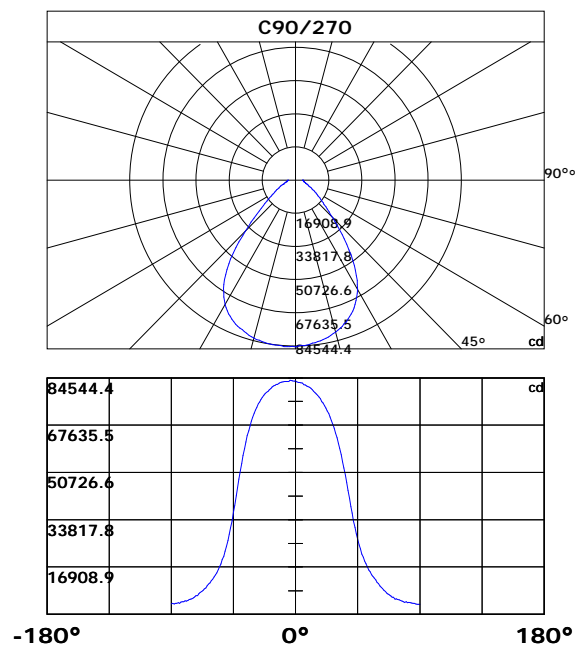
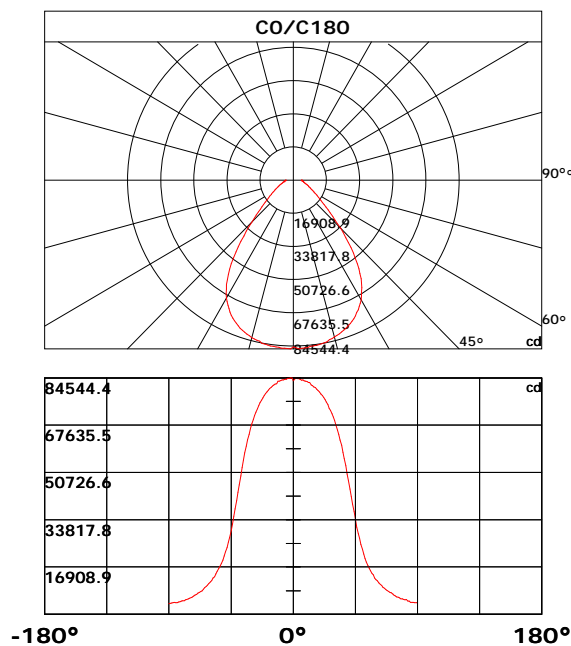
Luminaire Description: T500-960W-90D
Luminaire Category: LED FLOOD LIGHT
Lamp Category:
Lamp Description: CO-T500-960W-90D
Number of Lamp: 1
Lamp Lumens(lm): 158880.3
Luminous Length(m): 0.842
Luminous Width(m): 0.579
Luminous Height(m): 0.199

Voltage: 220.2 V
Current: 3.918 A
Power: 958.7 W
Power Factor: 0.964
Test Lab: Huipu-lab
Photometric Type: Type C
Manufactory:

Photometric Results

CIE Class: Direct
Measurement Flux: 158880.30 lm
Efficiency: 165.7247 lm/W
Central Intensity: 83510.76cd
Max. Intensity: 84544.392cd
Field Angle(10%Imax): Left: -68.0 Right: 66.2

Max.Intensity Angle: C:0.0 G:2.0
Beam Angle(50%Imax): L: -42.5 R:39.9
Luminaire Efficacy Rating(LER): 100.00%
Upward Ratio: 0.0%
Downward Ratio: 100.0%



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	83510.8	84047.7	84544.4	84299.8	84194.8	84095.1	83651.1	83777.4	83519.9	83414.9
C22.5	83510.8	82999.7	82503.5	82398.4	82337.7	81686.4	81915.0	81481.7	81171.5	80875.1
C45.0	83510.8	82881.4	82582.3	82534.9	82322.2	82072.8	81830.8	81576.1	81255.7	80943.3
C67.5	83510.8	82768.4	82561.1	82776.4	82442.8	82290.8	82083.0	81733.8	81400.1	81140.0
C90.0	83510.8	83162.8	82871.2	82952.3	82716.2	82634.6	82117.1	82043.5	81644.3	81450.2
C112.5	83510.8	83501.3	83372.8	83322.8	82810.5	82781.7	82920.9	82453.4	82148.5	82014.7
C135.0	83510.8	83703.8	83367.5	83564.3	83464.6	83243.9	83146.9	82718.8	82639.9	82401.1
C157.5	83510.8	84097.7	84105.7	83984.8	83716.7	83588.2	83637.8	83490.7	83273.1	83070.6
C180.0	83510.8	84478.4	84449.6	84352.5	84399.5	84063.6	84089.8	83827.0	83806.2	83556.7
C202.5	83510.8	83107.4	82949.7	82789.7	83359.5	83068.0	83055.1	83136.2	82690.0	83073.3
C225.0	83510.8	83118.0	83015.7	83191.6	83049.8	83280.7	83220.4	83278.0	83162.8	83133.6
C247.5	83510.8	83249.2	83354.2	83659.1	83138.9	83364.9	83333.4	83356.9	83283.3	83196.9
C270.0	83510.8	83309.5	83441.1	83593.5	83630.3	83249.2	83280.7	83273.1	83257.2	83149.5
C292.5	83510.8	83385.7	83438.4	83837.6	83580.2	83556.7	83454.4	83291.3	83128.2	82923.5
C315.0	83510.8	83814.2	83824.4	83764.1	83761.4	83598.8	83220.4	83656.4	83241.2	83201.8
C337.5	83510.8	83882.4	84352.5	84291.8	83976.8	83843.0	83656.4	83454.4	83341.4	82949.7
C360.0	83510.8	84047.7	84544.4	84299.8	84194.8	84095.1	83651.1	83777.4	83519.9	83414.9
C\G	G10.0	G11.0	G12.0	G13.0	G14.0	G15.0	G16.0	G17.0	G18.0	G19.0
C0.0	83220.4	82912.9	82868.6	82009.4	81802.0	81279.2	81021.7	80548.9	80005.3	79443.4
C22.5	80709.3	80257.8	79446.1	79304.3	78905.0	78248.3	77917.4	77087.4	75997.4	75689.9
C45.0	80402.3	80310.1	79590.5	79272.8	78713.2	78148.7	77631.1	76819.3	76354.5	75498.5
C67.5	80522.8	80436.4	79937.0	79519.6	78676.4	78382.2	77533.6	77244.7	76525.1	75873.8
C90.0	81187.5	80762.1	80386.3	79847.9	79248.9	78810.2	78300.6	77646.6	77005.9	76015.6
C112.5	81626.1	81074.5	80785.6	80312.8	80000.4	79501.0	78857.6	77977.6	77657.3	76696.2
C135.0	82064.8	81778.6	81468.4	81019.5	80596.4	79900.2	79622.0	78952.0	78477.0	77744.1
C157.5	82750.3	82432.6	82012.1	81565.9	81355.4	81016.9	80520.1	79687.5	79616.6	78471.7
C180.0	83370.2	83320.1	82427.2	82335.1	82006.7	81660.2	81153.3	80698.7	80110.7	79545.8
C202.5	82884.1	82713.5	82694.9	82246.0	82177.8	82025.4	81725.8	81132.1	80706.7	80420.4
C225.0	83005.1	82912.9	82737.0	82668.7	82269.5	81859.6	81822.9	81315.9	81124.5	80830.3
C247.5	83036.5	82763.6	82458.7	82624.0	82277.5	82093.6	81747.1	81463.1	81174.2	80688.5
C270.0	82970.9	82873.5	82671.4	82224.8	82256.2	81893.8	81578.7	81269.0	80693.8	80278.6
C292.5	83212.4	82776.4	82484.9	82393.1	81657.6	81604.9	81203.0	80909.2	80365.5	79958.3
C315.0	82826.5	82314.3	82324.9	81849.4	81810.0	81416.1	80956.2	80596.4	79800.5	79503.7
C337.5	82949.7	82655.9	82435.2	82038.2	81578.7	81323.9	81192.8	80457.2	80094.8	79438.1
C360.0	83220.4	82912.9	82868.6	82009.4	81802.0	81279.2	81021.7	80548.9	80005.3	79443.4
C\G	G20.0	G21.0	G22.0	G23.0	G24.0	G25.0	G26.0	G27.0	G28.0	G29.0
C0.0	78849.6	78245.7	77510.1	76832.6	75958.0	75012.4	73688.4	72976.8	71613.3	70539.3
C22.5	74783.7	73987.9	72866.4	72007.7	70917.7	69365.0	68396.0	66822.5	65333.2	63739.0
C45.0	74781.1	73917.0	72897.9	71534.9	70949.1	69252.0	68204.1	66594.3	65023.5	63521.0
C67.5	75230.4	73901.5	73192.1	72078.6	70967.3	69956.1	68524.9	66875.2	65564.5	63670.7
C90.0	75516.6	74539.6	73788.5	72742.8	71755.6	70602.2	69233.9	67744.6	66523.4	64842.3

Light intensity data Unit[cd]

C112.5	76380.7	75411.6	74678.7	73533.7	72511.9	71492.8	70374.0	68910.9	67610.8	66037.3
C135.0	77095.4	76012.9	75374.8	74497.5	73504.5	72461.9	71135.7	69969.4	68438.1	67185.0
C157.5	77859.7	77331.6	76420.1	75553.4	74310.9	73896.2	72401.6	71243.3	70043.0	68524.9
C180.0	78928.5	78216.9	77379.0	76572.5	75671.7	74615.8	73475.7	72283.3	71062.1	69593.7
C202.5	79656.1	79448.7	78749.9	78313.9	77678.5	76935.0	76294.3	74849.3	74213.9	72994.9
C225.0	80423.1	79905.6	79317.1	78870.9	78180.1	77636.4	76703.7	75976.1	74802.3	74108.9
C247.5	80328.7	79800.5	79309.6	78592.2	77993.6	77323.6	76590.7	75739.9	74852.0	73848.8
C270.0	79637.9	79404.0	78860.3	78364.0	77538.9	76756.4	75918.5	75338.1	74030.0	73060.9
C292.5	79212.1	78736.7	78006.4	77570.4	76771.9	76065.6	75156.8	74111.5	72832.3	71976.2
C315.0	78789.4	78334.8	77801.7	77026.7	76154.7	75280.4	74305.6	73386.6	72306.8	71056.8
C337.5	78584.7	78127.4	77607.2	76674.9	76065.6	74660.5	74279.5	73129.2	71731.6	70791.4
C360.0	78849.6	78245.7	77510.1	76832.6	75958.0	75012.4	73688.4	72976.8	71613.3	70539.3
C\G	G30.0	G31.0	G32.0	G33.0	G34.0	G35.0	G36.0	G37.0	G38.0	G39.0
C0.0	69252.0	67631.6	65861.4	64272.5	62265.6	60408.6	57905.5	55672.7	53130.2	50144.1
C22.5	61798.2	59494.5	57784.5	55328.9	53127.5	50383.0	47945.5	45040.5	42156.3	39740.1
C45.0	61496.0	59473.7	57590.5	55158.3	52801.9	50183.1	47375.6	45069.3	42185.6	39390.9
C67.5	62013.5	60258.8	58068.1	56090.6	53054.0	50756.1	48331.4	45421.5	42907.8	40049.8
C90.0	63124.4	61149.5	59321.2	56999.4	54467.5	52310.9	49752.4	47015.8	44297.0	41392.0
C112.5	64017.7	62641.4	60379.8	58701.3	56303.3	53815.7	51493.8	48549.4	45570.9	43136.0
C135.0	65546.4	63789.0	61937.3	59754.6	57325.0	55165.8	52707.5	49952.3	47062.8	44409.9
C157.5	66565.1	65428.1	63135.0	61086.1	58874.6	56665.7	54039.0	51181.4	48615.4	45613.0
C180.0	68057.0	66371.0	64398.3	62423.4	60148.5	57719.0	55118.8	52510.3	49466.2	46322.4
C202.5	72049.3	70751.9	69501.9	67731.3	66050.6	63991.1	62155.3	59830.8	57495.6	55000.5
C225.0	72685.2	71663.4	70384.2	68850.6	66988.2	65288.9	63111.5	60941.7	58570.2	55785.7
C247.5	72724.6	71298.3	70079.8	68559.0	66762.2	64950.0	62667.5	60537.1	58268.0	55530.9
C270.0	71876.1	70376.6	69107.6	67290.4	65674.9	63852.0	61671.9	59265.8	56836.3	53949.9
C292.5	70649.6	69144.4	67718.5	65745.8	63964.9	62197.4	59885.7	57474.8	55116.2	52292.3
C315.0	69646.4	68010.0	66562.9	64613.6	62806.7	60781.7	58501.5	56011.7	53568.9	50569.5
C337.5	69050.0	67332.1	66145.0	64356.2	62323.2	60408.6	57945.0	55612.5	52515.6	50445.9
C360.0	69252.0	67631.6	65861.4	64272.5	62265.6	60408.6	57905.5	55672.7	53130.2	50144.1
C\G	G40.0	G41.0	G42.0	G43.0	G44.0	G45.0	G46.0	G47.0	G48.0	G49.0
C0.0	47856.4	44785.7	42132.8	39443.2	36674.7	34198.2	31159.0	28905.3	27114.3	24957.7
C22.5	36787.7	34274.0	32036.3	29249.6	27319.0	25451.4	23376.3	21897.7	20458.5	19048.1
C45.0	36664.5	33811.8	31687.1	29454.4	27014.2	25388.4	23268.6	21863.6	20256.0	18690.5
C67.5	37081.9	34909.8	31952.1	29843.0	27697.0	25674.7	23972.7	22097.5	20744.7	19420.7
C90.0	38474.1	36199.3	33344.3	31098.7	28755.6	26933.1	24808.0	23389.6	21558.7	20429.7
C112.5	40192.1	37644.2	34820.3	32262.3	30092.9	27615.9	25937.4	24038.3	22444.0	21159.5
C135.0	41555.0	38421.4	35981.3	33276.1	30941.0	28700.6	26541.4	24487.6	23195.1	21648.2
C157.5	42744.8	40018.4	37147.5	34303.2	31605.6	29249.6	27224.7	25286.1	23655.0	22047.4
C180.0	43619.4	40688.3	37654.4	35006.9	32270.3	29932.5	27489.6	25766.9	23862.4	22302.2
C202.5	51628.1	48864.9	45923.1	42952.6	39900.5	37160.8	34140.2	31534.7	29128.7	27171.9
C225.0	52964.9	49884.0	47013.2	43577.4	40638.3	37946.0	34986.0	32059.8	29830.1	27379.3

Light intensity data Unit[cd]

C247.5	52628.6	49616.0	46726.9	43438.2	40212.9	37447.0	34657.7	31815.6	29491.1	26972.1
C270.0	51525.7	48287.1	45400.3	42382.3	38849.4	36393.8	33449.4	30959.6	28598.3	26376.1
C292.5	49363.8	46353.8	43540.6	40586.0	37570.7	34983.4	31931.3	29601.5	27521.1	25351.7
C315.0	48184.7	45027.2	42324.7	39320.0	36036.6	33885.4	31096.0	28831.8	26657.0	24737.1
C337.5	47835.1	44559.7	42293.2	39096.7	36118.2	33830.4	31439.9	28718.8	27074.9	24753.0
C360.0	47856.4	44785.7	42132.8	39443.2	36674.7	34198.2	31159.0	28905.3	27114.3	24957.7
C\G	G50.0	G51.0	G52.0	G53.0	G54.0	G55.0	G56.0	G57.0	G58.0	G59.0
C0.0	23242.5	21509.1	19935.6	18745.9	17414.4	16508.2	15583.5	14614.4	14054.8	13027.7
C22.5	17942.1	16652.7	15898.5	15013.6	14157.1	13663.5	12599.6	12084.7	11709.4	10824.1
C45.0	18041.8	16610.6	16019.5	15013.6	13973.2	13553.2	12959.4	11942.9	11709.4	10957.9
C67.5	18233.7	17217.2	16303.1	15391.6	14669.3	13613.4	13098.6	12258.4	11611.9	11194.5
C90.0	19024.2	18170.7	16899.5	15854.2	15210.4	14173.1	13529.7	12959.4	12318.7	11347.0
C112.5	19886.0	18191.6	17671.4	16523.7	15764.7	14661.4	13660.8	13329.9	12410.4	11817.1
C135.0	20256.0	18955.9	18023.6	16849.4	15738.6	15076.6	14254.6	13555.8	12768.0	12001.0
C157.5	20468.7	19594.4	18010.3	17156.9	16274.3	15273.7	14414.6	13666.2	12667.9	12195.1
C180.0	20823.6	19410.5	18094.5	17219.8	16337.2	15354.8	14417.2	13445.5	12975.4	12048.0
C202.5	24957.7	23255.8	21834.8	20011.8	18714.4	17461.3	16647.4	15528.5	14777.0	14026.0
C225.0	25349.0	23589.4	21811.3	20271.9	18856.2	17713.5	16458.2	15617.6	14700.8	13889.5
C247.5	25046.8	23098.0	21553.8	19935.6	18627.6	17443.2	16224.2	15155.4	14364.9	13487.6
C270.0	24125.2	22591.1	20731.4	19562.5	18015.7	17101.5	16048.3	14813.8	14044.1	13411.4
C292.5	23413.1	21622.1	20166.9	18661.7	17472.0	16381.9	15388.9	14440.7	13668.8	12788.8
C315.0	22775.0	21243.7	19515.6	18457.0	17141.0	16121.8	15142.1	14007.4	13469.0	12562.8
C337.5	23190.2	20860.4	19890.9	18729.9	17254.0	16381.9	15420.4	14312.2	13734.4	12998.9
C360.0	23242.5	21509.1	19935.6	18745.9	17414.4	16508.2	15583.5	14614.4	14054.8	13027.7
C\G	G60.0	G61.0	G62.0	G63.0	G64.0	G65.0	G66.0	G67.0	G68.0	G69.0
C0.0	12326.7	11990.4	11312.8	10734.6	10293.7	9615.8	9348.1	8827.9	8510.2	8221.3
C22.5	10380.1	9841.7	9458.5	9017.1	8486.3	7908.5	7638.2	7036.5	7049.8	6151.6
C45.0	10380.1	9978.2	9103.5	9048.6	8473.4	8000.7	7656.4	7081.2	7110.0	6781.7
C67.5	10577.3	9847.1	9476.6	8867.4	8454.8	8052.9	7695.8	7354.6	6742.2	6663.8
C90.0	11068.3	10085.9	9610.4	9166.9	8591.3	8095.0	7519.9	7191.6	6894.7	6571.7
C112.5	11357.2	10592.8	10225.0	9644.6	8672.8	8552.3	8063.6	7792.8	7194.2	6763.5
C135.0	11262.8	11058.1	10122.7	9692.0	9240.5	8799.1	8376.0	7932.4	7386.1	7120.7
C157.5	11646.1	11018.6	10430.2	9855.0	9558.2	8765.0	8355.1	7921.8	7491.1	7120.7
C180.0	11614.6	11039.5	10511.7	10015.0	9573.7	8940.9	8452.2	8139.8	7842.9	7535.8
C202.5	13135.3	12318.7	11856.5	11254.8	10532.5	10093.9	9463.3	9045.9	8644.0	8121.2
C225.0	13201.4	12431.7	11709.4	11430.7	10622.1	10151.9	9532.0	8975.0	8680.8	8108.3
C247.5	12857.1	12142.8	11464.8	10810.8	10267.1	9847.1	9358.3	9003.8	8423.4	8084.4
C270.0	12552.2	12016.5	11286.3	10832.1	10196.2	9437.2	9082.7	8507.6	8105.7	7885.0
C292.5	12111.3	11273.4	11010.7	10479.8	9907.3	9471.3	8943.6	8496.9	8103.0	7780.0
C315.0	12055.9	11449.3	10887.0	10519.3	9613.1	9240.5	9098.7	8510.2	8045.4	7646.2
C337.5	12205.7	11567.6	10915.8	10535.2	9873.2	9718.1	9355.7	8394.6	8121.2	7827.4
C360.0	12326.7	11990.4	11312.8	10734.6	10293.7	9615.8	9348.1	8827.9	8510.2	8221.3

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	7800.8	7687.8	7283.3	6810.9	6577.0	6264.6	6041.3	5896.8	5599.9	5578.7
C22.5	6125.0	5967.7	5552.5	5458.1	5206.0	5103.7	4819.6	4746.1	4651.7	4515.2
C45.0	6256.6	6125.0	5733.7	5678.8	5237.5	5124.5	5200.7	4885.6	4696.4	4646.4
C67.5	6443.2	5946.4	5715.6	5541.9	5368.6	5295.1	4927.3	4883.0	4688.5	4722.6
C90.0	6133.0	6127.7	5368.6	5568.5	5266.3	5190.1	4922.0	4649.0	4530.7	4241.8
C112.5	6492.8	6164.4	5985.9	5920.3	5518.4	5337.2	4990.7	4887.9	5014.1	4719.9
C135.0	6815.8	6440.5	6093.5	5862.7	6054.1	5371.3	5421.4	5184.7	5101.0	5011.5
C157.5	6818.5	6450.7	6209.2	5988.5	5728.4	5507.8	5158.6	5161.3	4961.4	4762.0
C180.0	7168.1	6873.8	6508.7	6203.9	6004.5	5736.4	5547.2	5329.2	5187.4	4869.7
C202.5	7719.3	7401.6	6702.8	6734.7	6469.3	5912.3	5796.7	5660.2	5492.3	5206.0
C225.0	7898.3	7433.0	7207.5	6787.0	6532.2	6164.4	6141.0	5781.2	5581.3	5255.6
C247.5	7438.4	7433.0	6989.5	6789.7	6466.6	6167.1	5865.3	5825.9	5326.5	5323.9
C270.0	7386.1	6716.1	6679.3	6259.3	5915.0	5592.0	5392.6	5261.0	4917.1	4756.7
C292.5	7499.1	7094.5	6776.4	6532.2	6083.4	5970.4	5749.7	5605.2	5468.3	5248.1
C315.0	7228.3	7015.6	6619.1	6413.9	6007.1	5825.9	5636.7	5326.5	5061.6	5182.1
C337.5	7409.6	7023.6	6556.1	6319.5	6156.9	5783.8	5468.3	5311.0	5316.3	5014.1
C360.0	7800.8	7687.8	7283.3	6810.9	6577.0	6264.6	6041.3	5896.8	5599.9	5578.7
C\G	G80.0	G81.0	G82.0	G83.0	G84.0	G85.0	G86.0	G87.0	G88.0	G89.0
C0.0	5360.7	5135.1	5255.6	4767.3	4767.3	4223.7	4270.6	4233.8	4116.0	4097.4
C22.5	4365.4	4346.8	4097.4	4213.0	4218.3	3984.4	3847.9	3887.3	3763.7	3577.6
C45.0	4428.4	4499.3	4538.7	4105.3	4105.3	4057.9	3900.6	3803.1	3724.3	3524.9
C67.5	4441.7	4150.1	4291.9	4092.1	4068.6	4142.1	3916.1	3703.5	3682.6	4013.6
C90.0	4499.3	4173.6	4289.2	4097.4	4055.3	3937.4	3979.1	3714.1	3632.6	3637.9
C112.5	4488.6	4423.0	4205.0	4110.7	4312.7	4011.0	3950.3	3829.7	3790.3	3579.8
C135.0	4772.7	4294.5	4415.1	4420.4	4178.9	4063.2	4013.6	3995.0	3779.7	3863.9
C157.5	4667.6	4638.4	4396.9	4286.6	4249.8	4176.2	3995.0	4102.7	4065.9	3926.8
C180.0	4812.1	4699.1	4525.4	4404.9	4184.2	4176.2	4257.8	4131.5	4057.9	3942.3
C202.5	5014.1	4932.6	4714.6	4762.0	4515.2	4315.4	4291.9	4147.4	4131.5	4026.5
C225.0	4966.7	5058.9	4654.3	4764.7	4509.9	4357.5	4349.5	4176.2	4121.3	3706.1
C247.5	5153.3	4885.6	4756.7	4507.2	4572.8	4092.1	4071.2	3882.0	4008.3	3821.8
C270.0	4853.7	4481.1	4528.1	4315.4	3950.3	4131.5	3974.2	3916.1	3719.4	3916.1
C292.5	5006.2	4740.8	4649.0	4557.3	4420.4	4094.7	4108.0	4108.0	4065.9	3887.3
C315.0	4922.0	4762.0	4572.8	4376.1	4383.6	4315.4	4065.9	3987.0	4034.4	4005.6
C337.5	4880.3	4657.0	4633.1	4365.4	4368.1	4552.0	4131.5	4168.3	4029.1	4116.0
C360.0	5360.7	5135.1	5255.6	4767.3	4767.3	4223.7	4270.6	4233.8	4116.0	4097.4
C\G	G90.0									
C0.0	4152.8									
C22.5	3695.5									
C45.0	3729.6									
C67.5	3863.9									
C90.0	3635.2									

Light intensity data Unit[cd]

C112.5	3645.8									
C135.0	3777.0									
C157.5	3813.8									
C180.0	3779.7									
C202.5	3963.6									
C225.0	3905.5									
C247.5	3832.0									
C270.0	3680.0									
C292.5	3726.9									
C315.0	3729.6									
C337.5	3895.3									
C360.0	4152.8									

Zonal Luminous Flux Data

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
0.0	83510.76	0.00	0.00	0.00	0.00
0.0-1.0	83469.23	79.90	79.90	0.05	0.05
1.0-2.0	83420.88	239.54	319.43	0.15	0.20
2.0-3.0	83457.10	399.12	718.55	0.25	0.45
3.0-4.0	83306.37	558.21	1276.76	0.35	0.80
4.0-5.0	83151.16	716.09	1992.85	0.45	1.25
5.0-6.0	83038.30	873.37	2866.22	0.55	1.80
6.0-7.0	82909.28	1030.03	3896.26	0.65	2.45
7.0-8.0	82685.22	1185.13	5081.39	0.75	3.20
8.0-9.0	82530.94	1338.99	6420.37	0.84	4.04
9.0-10.0	82296.16	1491.63	7912.00	0.94	4.98
10.0-11.0	82018.43	1641.84	9553.84	1.03	6.01
11.0-12.0	81670.54	1789.36	11343.19	1.13	7.14
12.0-13.0	81326.98	1934.37	13277.56	1.22	8.36
13.0-14.0	80958.23	2077.24	15354.80	1.31	9.66
14.0-15.0	80572.76	2217.57	17572.37	1.40	11.06
15.0-16.0	80173.98	2355.39	19927.76	1.48	12.54
16.0-17.0	79612.86	2488.31	22416.07	1.57	14.11
17.0-18.0	79106.85	2616.94	25033.01	1.65	15.76
18.0-19.0	78506.04	2742.14	27775.15	1.73	17.48
19.0-20.0	77878.61	2862.27	30637.43	1.80	19.28
20.0-21.0	77207.64	2977.97	33615.39	1.87	21.16
21.0-22.0	76484.99	3088.52	36703.92	1.94	23.10
22.0-23.0	75672.93	3192.68	39896.60	2.01	25.11
23.0-24.0	74808.13	3290.06	43186.66	2.07	27.18
24.0-25.0	73832.04	3379.75	46566.41	2.13	29.31
25.0-26.0	72792.70	3461.09	50027.50	2.18	31.49
26.0-27.0	71621.95	3533.14	53560.64	2.22	33.71
27.0-28.0	70373.81	3595.03	57155.68	2.26	35.97
28.0-29.0	69093.20	3648.85	60804.53	2.30	38.27
29.0-30.0	67534.46	3688.92	64493.45	2.32	40.59
30.0-31.0	65925.90	3714.01	68207.46	2.34	42.93
31.0-32.0	64248.50	3729.34	71936.79	2.35	45.28
32.0-33.0	62310.12	3728.46	75665.26	2.35	47.62
33.0-34.0	60183.67	3707.02	79372.27	2.33	49.96
34.0-35.0	58054.84	3672.05	83044.32	2.31	52.27
35.0-36.0	55663.00	3620.80	86665.12	2.28	54.55
36.0-37.0	53130.48	3548.23	90213.38	2.23	56.78
37.0-38.0	50485.19	3458.55	93671.92	2.18	58.96
38.0-39.0	47735.82	3352.55	97024.47	2.11	61.07
39.0-40.0	44944.19	3232.35	100256.80	2.03	63.10

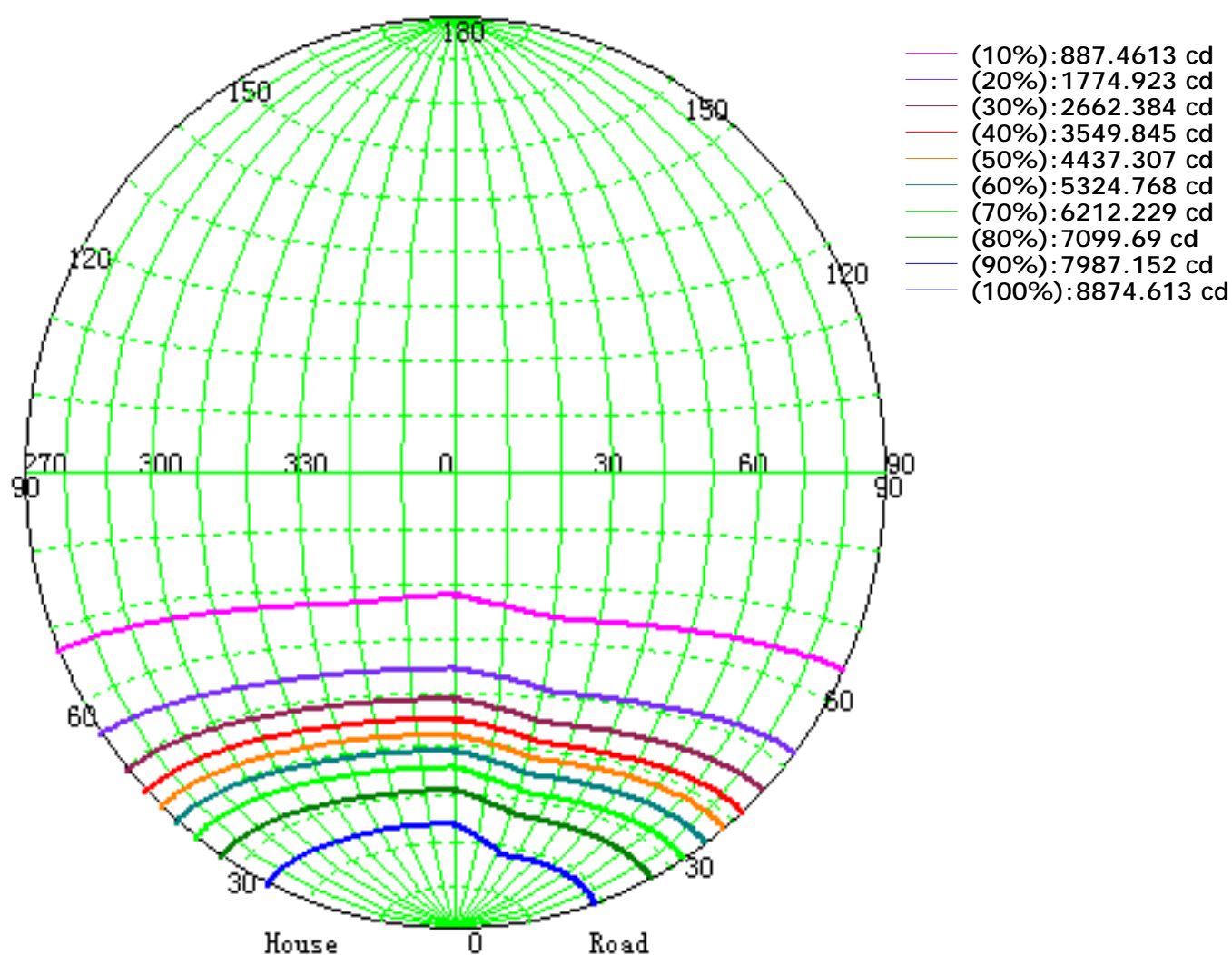
Zonal Luminous Flux Data

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
40.0-41.0	42084.10	3099.04	103355.90	1.95	65.05
41.0-42.0	39373.64	2959.50	106315.40	1.86	66.92
42.0-43.0	36580.66	2813.57	109128.90	1.77	68.69
43.0-44.0	33856.05	2658.48	111787.40	1.67	70.36
44.0-45.0	31549.45	2513.61	114301.00	1.58	71.94
45.0-46.0	29092.39	2371.57	116672.60	1.49	73.43
46.0-47.0	26953.40	2229.09	118901.70	1.40	74.84
47.0-48.0	25099.37	2104.25	121005.90	1.32	76.16
48.0-49.0	23277.83	1986.64	122992.50	1.25	77.41
49.0-50.0	21673.47	1874.17	124866.70	1.18	78.59
50.0-51.0	20160.83	1769.95	126636.60	1.11	79.71
51.0-52.0	18897.54	1676.02	128312.70	1.05	80.76
52.0-53.0	17712.47	1592.53	129905.20	1.00	81.76
53.0-54.0	16601.25	1512.41	131417.60	0.95	82.71
54.0-55.0	15655.20	1439.87	132857.40	0.91	83.62
55.0-56.0	14740.47	1373.50	134231.00	0.86	84.49
56.0-57.0	13858.31	1307.60	135538.50	0.82	85.31
57.0-58.0	13186.56	1250.65	136789.20	0.79	86.10
58.0-59.0	12411.08	1196.71	137985.80	0.75	86.85
59.0-60.0	11795.75	1143.62	139129.50	0.72	87.57
60.0-61.0	11165.77	1095.77	140225.20	0.69	88.26
61.0-62.0	10586.38	1048.15	141273.30	0.66	88.92
62.0-63.0	10118.99	1007.01	142280.40	0.63	89.55
63.0-64.0	9522.27	963.79	143244.20	0.61	90.16
64.0-65.0	9043.14	918.79	144162.90	0.58	90.74
65.0-66.0	8621.22	881.34	145044.30	0.55	91.29
66.0-67.0	8138.30	842.72	145887.00	0.53	91.82
67.0-68.0	7771.55	805.94	146693.00	0.51	92.33
68.0-69.0	7398.95	773.93	147466.90	0.49	92.82
69.0-70.0	7039.54	741.53	148208.50	0.47	93.28
70.0-71.0	6743.85	712.40	148920.90	0.45	93.73
71.0-72.0	6373.86	682.08	149602.90	0.43	94.16
72.0-73.0	6179.37	656.44	150259.40	0.41	94.57
73.0-74.0	5911.96	635.67	150895.00	0.40	94.97
74.0-75.0	5646.65	610.71	151505.80	0.38	95.36
75.0-76.0	5442.43	588.65	152094.40	0.37	95.73
76.0-77.0	5274.66	571.39	152665.80	0.36	96.09
77.0-78.0	5099.67	555.35	153221.10	0.35	96.44
78.0-79.0	4940.90	539.48	153760.60	0.34	96.78
79.0-80.0	4789.55	524.59	154285.20	0.33	97.11
80.0-81.0	4617.38	508.71	154793.90	0.32	97.43

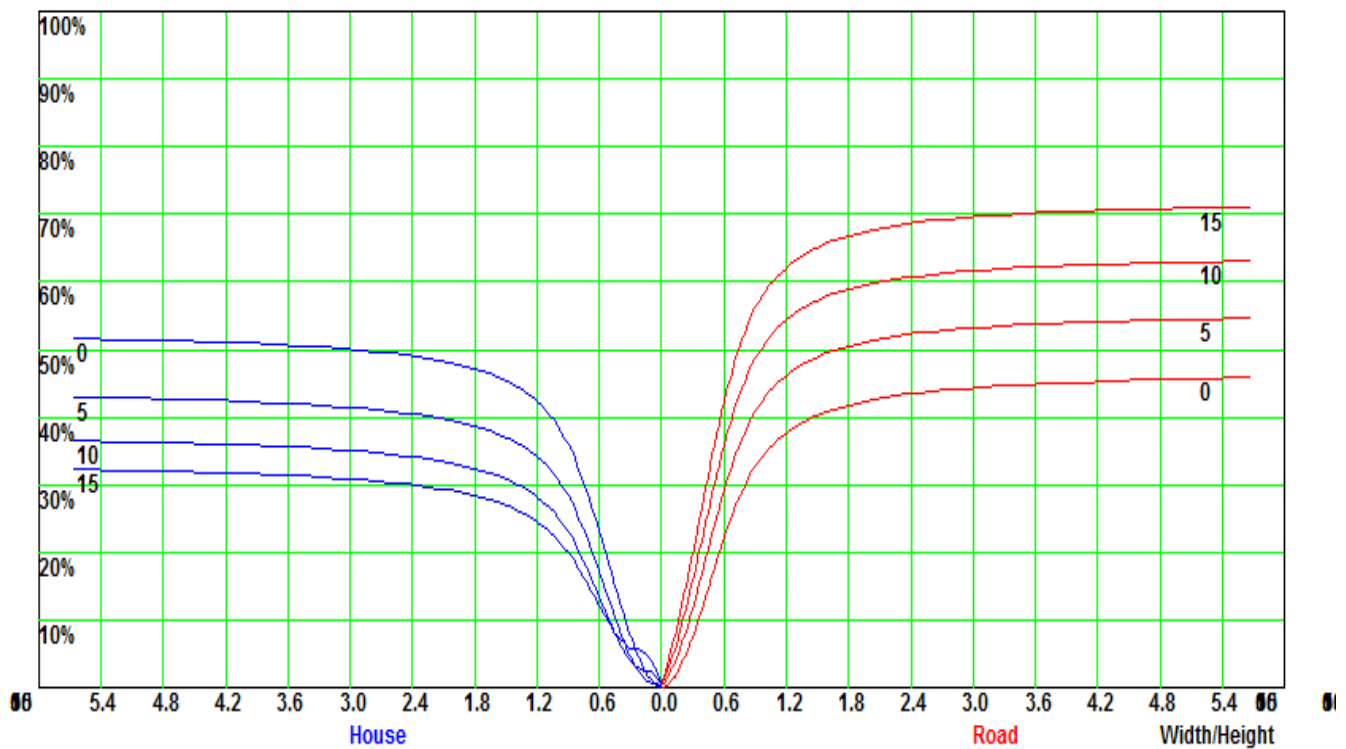
Zonal Luminous Flux Data

[illegible]

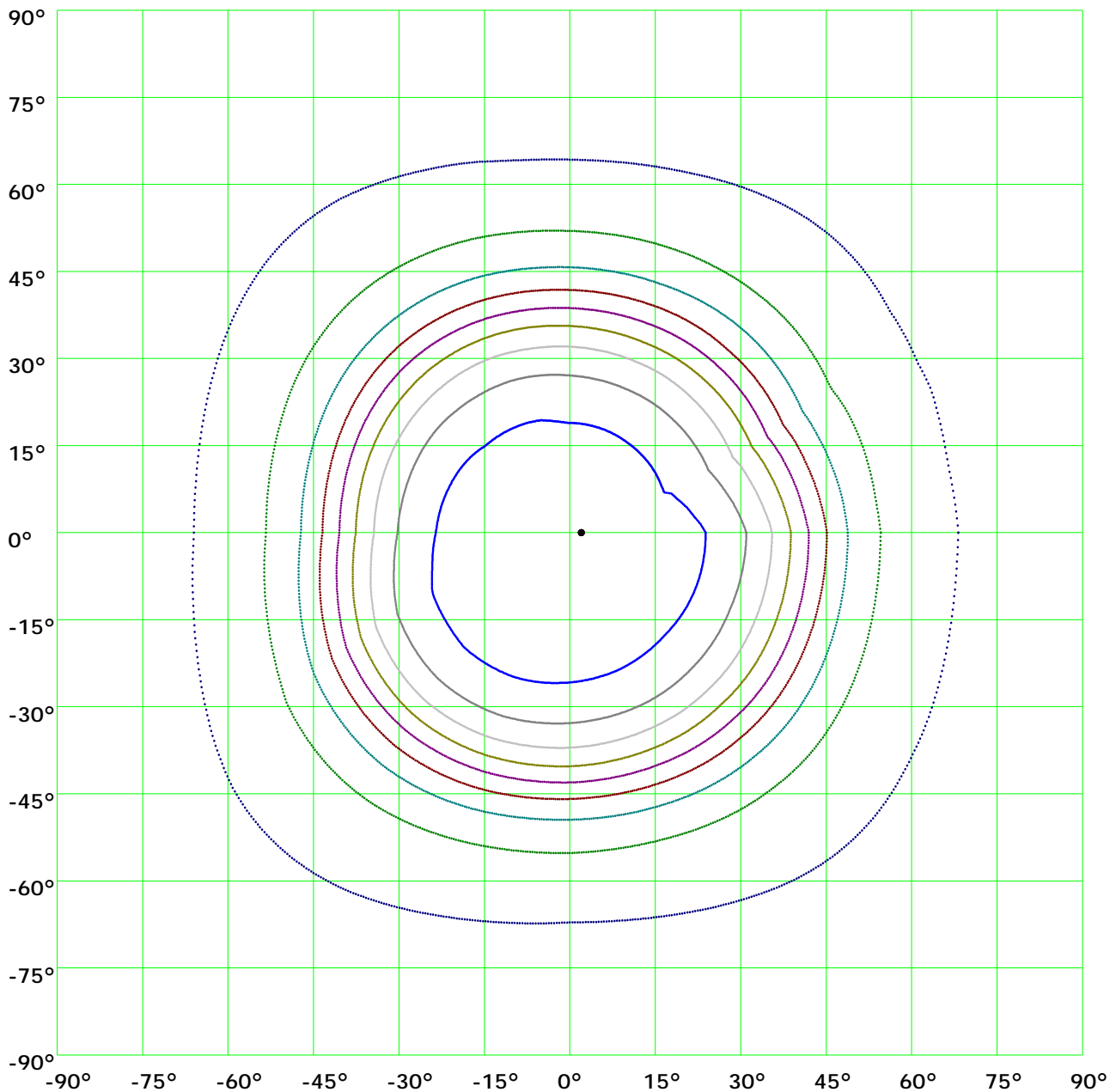
Iso-Candela [cd]



Coefficient Utilization Curve

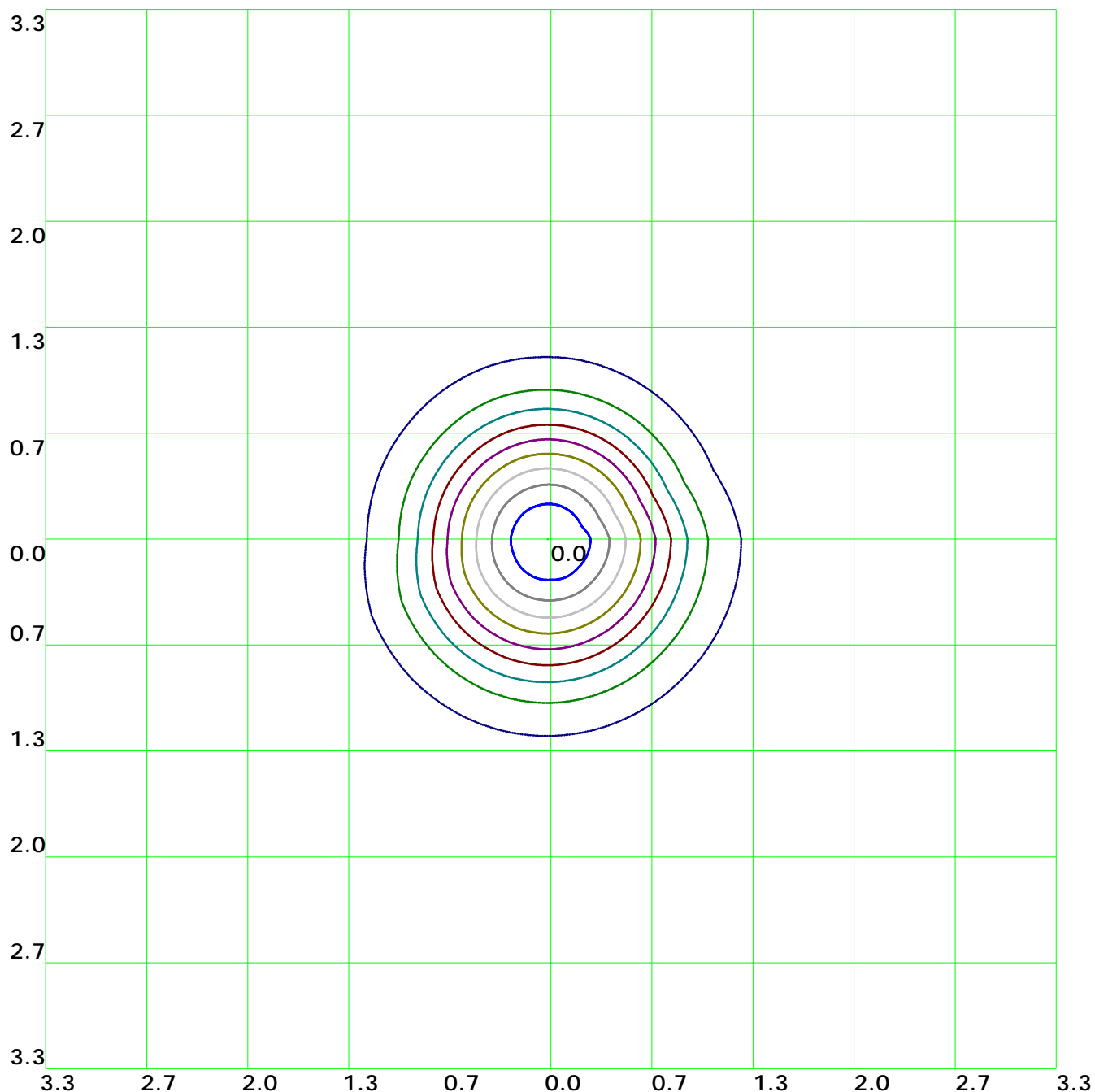


Isocandela(rectangle)



(10%): 8454.4cd (20%): 16908.9cd (30%): 25363.3cd (40%): 33817.8cd
(50%): 42272.2cd (60%): 50726.6cd (70%): 59181.1cd (80%): 67635.5cd
(90%): 76090.cd (100%): 84544.4cd

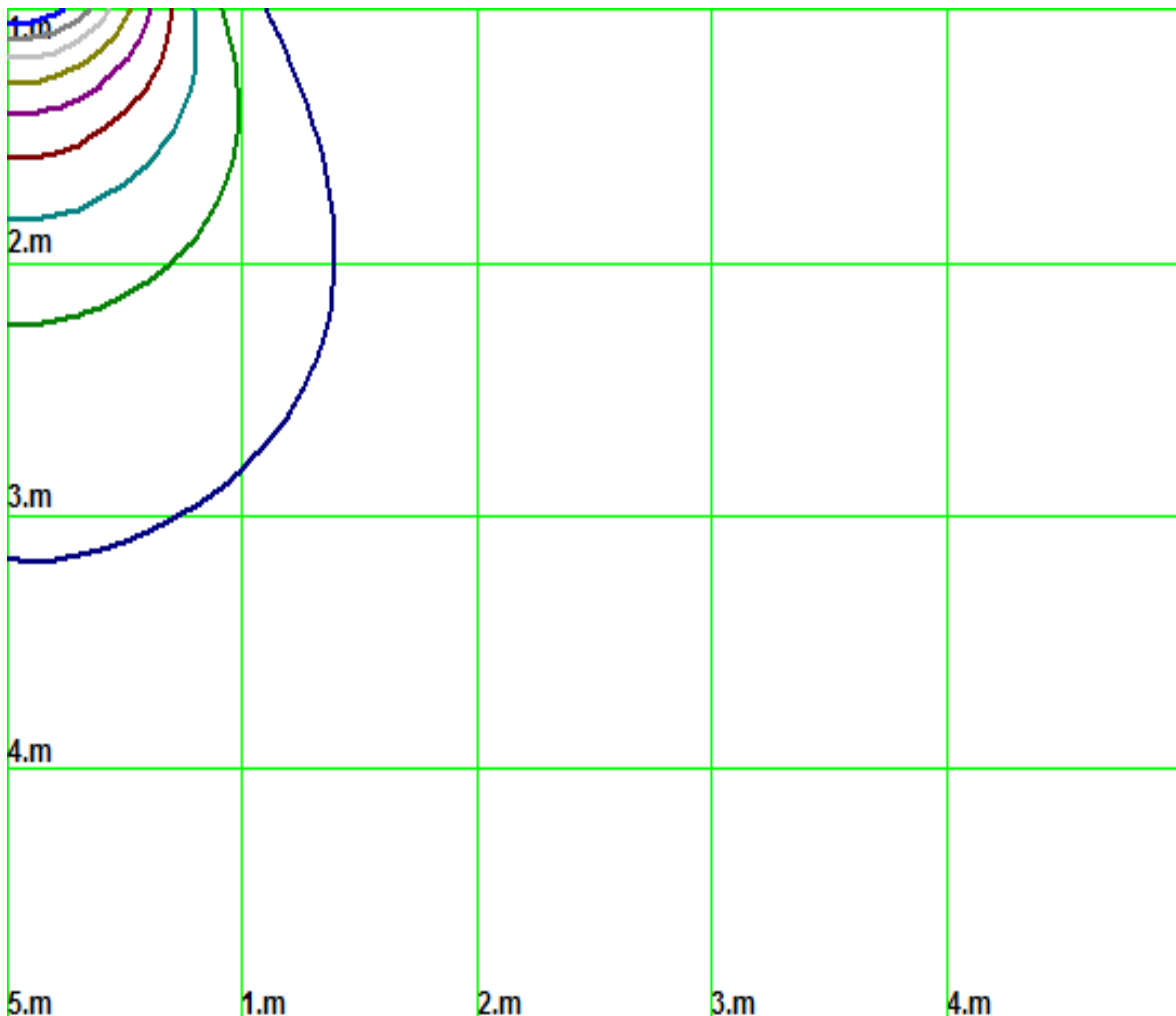
Isolx curve



Height: 1 m

(10%): 8454.4lx (20%): 16908.9lx (30%): 25363.3lx (40%): 33817.8lx
(50%): 42272.2lx (60%): 50726.6lx (70%): 59181.1lx (80%): 67635.5lx
(90%): 76090.1lx (100%): 84459.8lx

Space Isolx Curve



(10%): 8454.4lx (20%): 16908.9lx (30%): 25363.3lx (40%): 33817.8lx
 (50%): 42272.2lx (60%): 50726.6lx (70%): 59181.1lx (80%): 67635.5lx
 (90%): 76090.1lx (100%): 84459.8lx

Luminance Limiting Curve

Diameter: 291mm

Length: 291mm

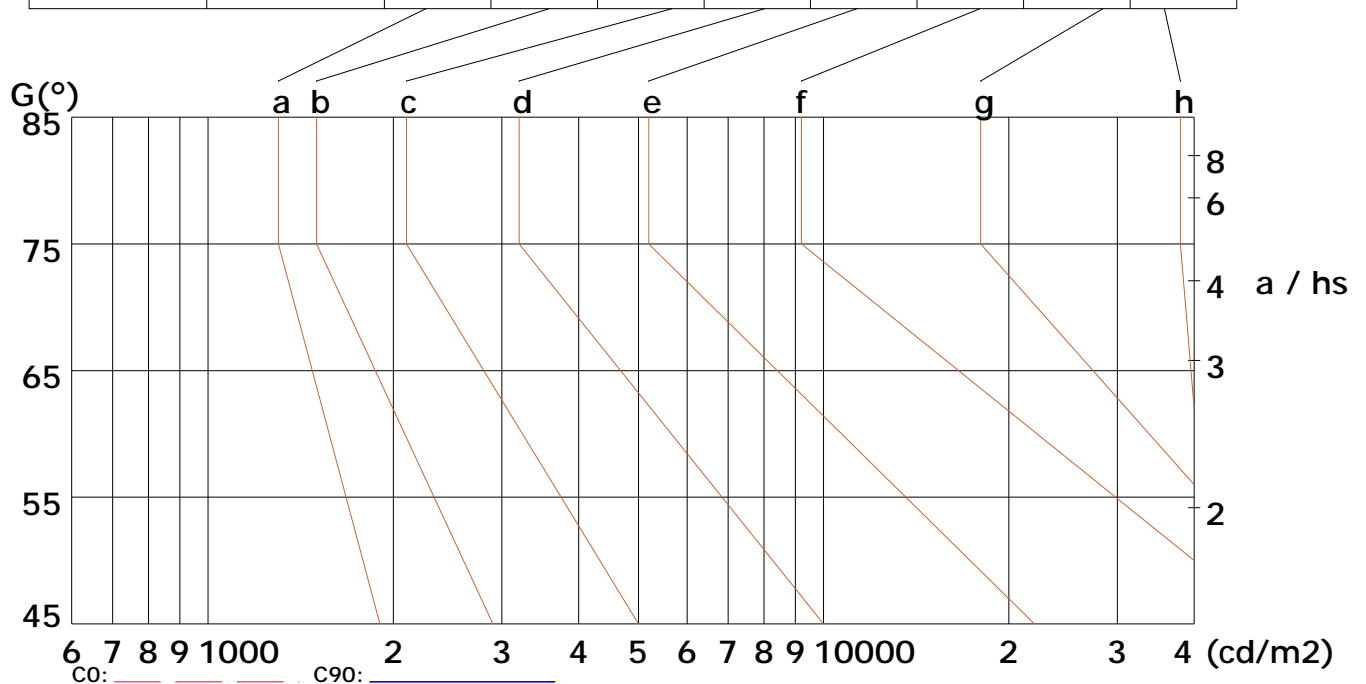
Width: 102mm

Height: 0mm

(cd/m²)

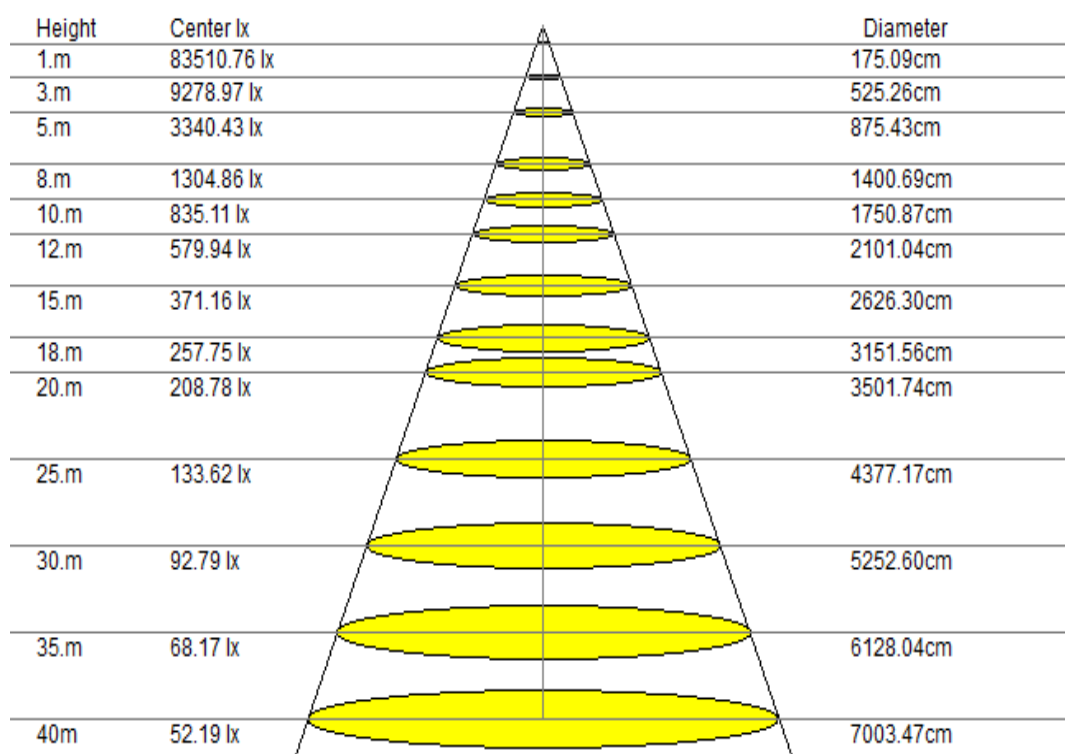
γ	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	952229	739906	617750	553413	478862	448296	401326	347755	3129417
C90	1209089	903973	719536	616335	568826	570202	505112	477176	4211524

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: 82.40°(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	1.07	1.05	1.04	1.06	1.04	1.02	1.02	1.00	0.98	0.97	0.95	0.93	0.90	0.88	0.86	0.81
2	0.94	0.92	0.91	0.94	0.91	0.89	0.91	0.88	0.85	0.87	0.84	0.81	0.82	0.79	0.75	0.71
3	0.84	0.81	0.80	0.83	0.80	0.78	0.82	0.78	0.75	0.79	0.75	0.71	0.75	0.71	0.67	0.62
4	0.75	0.72	0.71	0.75	0.72	0.69	0.74	0.70	0.66	0.72	0.67	0.63	0.69	0.64	0.59	0.55
5	0.67	0.65	0.63	0.67	0.64	0.62	0.67	0.63	0.59	0.65	0.60	0.56	0.63	0.58	0.53	0.49
6	0.61	0.58	0.57	0.61	0.58	0.56	0.61	0.57	0.53	0.60	0.55	0.51	0.59	0.53	0.48	0.44
7	0.55	0.53	0.52	0.56	0.53	0.51	0.56	0.51	0.48	0.55	0.50	0.46	0.54	0.48	0.44	0.40
8	0.51	0.48	0.47	0.51	0.48	0.46	0.51	0.47	0.44	0.51	0.46	0.42	0.51	0.44	0.40	0.37
9	0.46	0.44	0.43	0.47	0.44	0.42	0.48	0.43	0.40	0.48	0.42	0.38	0.47	0.41	0.37	0.34
10	0.43	0.41	0.40	0.43	0.40	0.39	0.44	0.40	0.37	0.44	0.39	0.35	0.44	0.38	0.34	0.31

Indoor Budgetary Estimate Chart

