

Luminaire Property

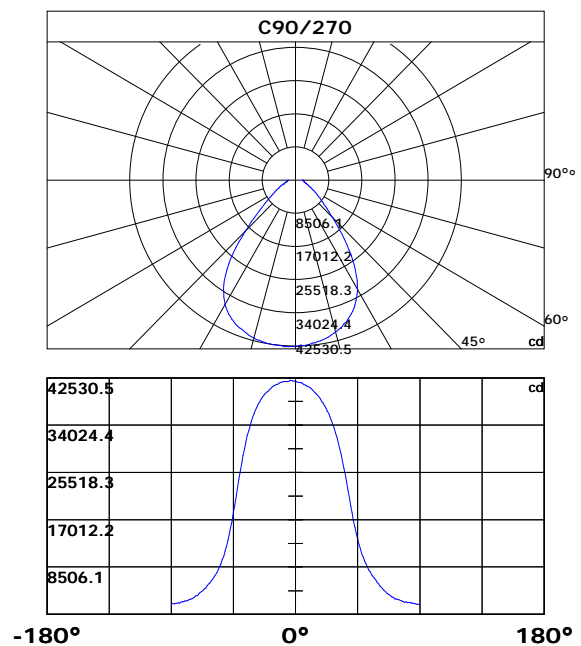
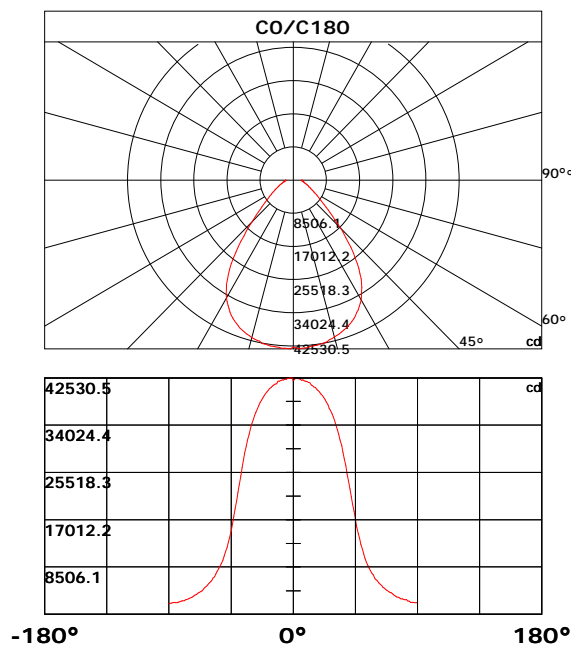
Luminaire Description: T500-480W-90D
Luminaire Category: LED FLOOD LIGHT
Lamp Category:
Lamp Description: CO-T500-480W-90D
Number of Lamp: 1
Lamp Lumens(lm): 79925.45
Luminous Length(m): 0.532
Luminous Width(m): 0.579
Luminous Height(m): 0.162

Voltage: 220.2 V
Current: 2.18 A
Power: 480.23 W
Power Factor: 0.964
Test Lab: Huipu-lab
Photometric Type: Type C
Manufactory:

Photometric Results

CIE Class: Direct
Measurement Flux: 79925.45 lm
Efficiency: 166.4316 lm/W
Central Intensity: 42010.5cd
Max. Intensity: 42530.478cd
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	42010.5	42280.6	42530.5	42407.4	42354.6	42304.5	42081.1	42144.6	42015.1	41962.3
C22.5	42010.5	41753.4	41503.8	41450.9	41420.4	41092.7	41207.8	40989.8	40833.7	40684.6
C45.0	42010.5	41693.9	41543.5	41519.6	41412.6	41287.1	41165.4	41037.2	40876.1	40718.9
C67.5	42010.5	41637.1	41532.8	41641.1	41473.2	41396.8	41292.2	41116.6	40948.7	40817.9
C90.0	42010.5	41835.5	41688.8	41729.6	41610.8	41569.8	41309.4	41272.4	41071.6	40973.9
C112.5	42010.5	42005.8	41941.1	41915.9	41658.3	41643.8	41713.8	41478.6	41325.2	41257.9
C135.0	42010.5	42107.6	41938.4	42037.4	41987.3	41876.3	41827.4	41612.1	41572.4	41452.3
C157.5	42010.5	42305.8	42309.8	42248.9	42114.1	42049.5	42074.4	42000.4	41891.0	41789.1
C180.0	42010.5	42497.3	42482.8	42434.0	42457.6	42288.6	42301.8	42169.6	42159.1	42033.6
C202.5	42010.5	41807.6	41728.2	41647.8	41934.4	41787.8	41781.3	41822.1	41597.6	41790.4
C225.0	42010.5	41812.9	41761.5	41850.0	41778.6	41894.8	41864.4	41893.4	41835.5	41820.8
C247.5	42010.5	41878.9	41931.8	42085.1	41823.4	41937.1	41921.3	41933.1	41896.1	41852.6
C270.0	42010.5	41909.2	41975.4	42052.1	42070.6	41878.9	41894.8	41891.0	41882.9	41828.8
C292.5	42010.5	41947.6	41974.1	42174.9	42045.4	42033.6	41982.1	41900.1	41818.1	41715.1
C315.0	42010.5	42163.1	42168.3	42137.9	42136.6	42054.8	41864.4	42083.8	41874.9	41855.1
C337.5	42010.5	42197.5	42434.0	42403.4	42244.9	42177.6	42083.8	41982.1	41925.3	41728.2
C360.0	42010.5	42280.6	42530.5	42407.4	42354.6	42304.5	42081.1	42144.6	42015.1	41962.3
C\G	G10.0	G11.0	G12.0	G13.0	G14.0	G15.0	G16.0	G17.0	G18.0	G19.0
C0.0	41864.4	41709.7	41687.5	41255.2	41150.9	40887.9	40758.4	40520.5	40247.0	39964.4
C22.5	40601.2	40374.1	39965.7	39894.4	39693.6	39363.2	39196.7	38779.2	38230.9	38076.2
C45.0	40446.8	40400.4	40038.4	39878.6	39597.1	39313.1	39052.7	38644.4	38410.5	37979.9
C67.5	40507.4	40463.9	40212.7	40002.7	39578.5	39430.5	39003.7	38858.3	38496.3	38168.7
C90.0	40841.8	40627.8	40438.7	40167.9	39866.5	39645.9	39389.5	39060.5	38738.2	38240.0
C112.5	41062.4	40784.9	40639.6	40401.7	40244.6	39993.4	39669.7	39227.0	39065.9	38582.4
C135.0	41283.1	41139.1	40983.1	40757.3	40544.4	40194.2	40054.2	39717.2	39478.2	39109.6
C157.5	41627.9	41468.1	41256.6	41032.1	40926.2	40755.9	40506.1	40087.2	40051.6	39475.6
C180.0	41939.8	41914.6	41465.4	41419.1	41253.9	41079.6	40824.6	40595.9	40300.1	40015.9
C202.5	41695.3	41609.4	41600.1	41374.3	41339.9	41263.3	41112.6	40813.9	40599.9	40455.9
C225.0	41756.1	41709.7	41621.3	41586.9	41386.1	41179.9	41161.4	40906.4	40810.1	40662.1
C247.5	41771.9	41634.6	41481.3	41564.4	41390.1	41297.6	41123.3	40980.4	40835.1	40590.8
C270.0	41738.9	41689.9	41588.3	41363.6	41379.4	41197.1	41038.6	40882.8	40593.4	40384.6
C292.5	41860.4	41641.1	41494.4	41448.3	41078.3	41051.7	40849.6	40701.8	40428.3	40223.4
C315.0	41666.3	41408.6	41414.0	41174.8	41154.9	40956.8	40725.4	40544.4	40144.1	39994.7
C337.5	41728.2	41580.5	41469.5	41269.7	41038.6	40910.4	40844.4	40474.4	40292.1	39961.7
C360.0	41864.4	41709.7	41687.5	41255.2	41150.9	40887.9	40758.4	40520.5	40247.0	39964.4
C\G	G20.0	G21.0	G22.0	G23.0	G24.0	G25.0	G26.0	G27.0	G28.0	G29.0
C0.0	39665.7	39361.9	38991.9	38651.0	38211.0	37735.3	37069.3	36711.3	36025.4	35485.1
C22.5	37620.3	37220.0	36655.8	36223.8	35675.5	34894.4	34406.9	33615.4	32866.2	32064.2
C45.0	37619.0	37184.3	36671.6	35986.0	35691.3	34837.6	34310.4	33500.6	32710.4	31954.5
C67.5	37845.0	37176.5	36819.7	36259.5	35700.5	35191.8	34471.8	33641.9	32982.6	32029.9
C90.0	37989.0	37497.5	37119.7	36593.6	36097.0	35516.8	34828.4	34079.3	33464.9	32619.2

Light intensity data Unit[cd]

C112.5	38423.7	37936.2	37567.5	36991.5	36477.5	35964.8	35402.0	34665.9	34011.9	33220.4
C135.0	38783.2	38238.7	37917.7	37476.3	36976.8	36452.3	35785.2	35198.5	34428.1	33797.7
C157.5	39167.7	38902.0	38443.5	38007.5	37382.5	37173.9	36422.0	35839.3	35235.5	34471.8
C180.0	39705.4	39347.4	38925.9	38520.2	38067.0	37535.8	36962.3	36362.5	35748.2	35009.4
C202.5	40071.4	39967.1	39615.6	39396.2	39076.6	38702.5	38380.2	37653.3	37333.7	36720.5
C225.0	40457.2	40196.9	39900.9	39676.4	39328.9	39055.4	38586.2	38220.2	37629.7	37280.8
C247.5	40409.8	40144.1	39897.1	39536.2	39235.1	38898.0	38529.3	38101.4	37654.7	37150.0
C270.0	40062.3	39944.6	39671.1	39421.4	39006.4	38612.7	38191.2	37899.2	37241.2	36753.7
C292.5	39848.0	39608.9	39241.5	39022.2	38620.5	38265.2	37808.0	37282.2	36638.7	36208.0
C315.0	39635.4	39406.7	39138.5	38748.7	38310.0	37870.2	37379.8	36917.5	36374.3	35745.5
C337.5	39532.4	39302.4	39040.7	38571.7	38265.2	37558.4	37366.7	36788.0	36085.0	35612.0
C360.0	39665.7	39361.9	38991.9	38651.0	38211.0	37735.3	37069.3	36711.3	36025.4	35485.1
C\G	G30.0	G31.0	G32.0	G33.0	G34.0	G35.0	G36.0	G37.0	G38.0	G39.0
C0.0	34837.6	34022.4	33131.9	32332.6	31323.0	30388.8	29129.7	28006.4	26727.4	25225.3
C22.5	31087.9	29929.0	29068.8	27833.5	26726.1	25345.4	24119.2	22657.8	21207.0	19991.4
C45.0	30935.9	29918.5	28971.2	27747.6	26562.2	25244.9	23832.5	22672.3	21221.7	19815.8
C67.5	31196.2	30313.5	29211.5	28216.6	26689.1	25533.1	24313.4	22849.5	21585.0	20147.3
C90.0	31755.0	30761.5	29841.8	28673.8	27400.1	26315.3	25028.2	23651.5	22283.8	20822.4
C112.5	32204.4	31512.1	30374.4	29530.0	28323.6	27072.2	25904.2	24423.0	22924.7	21699.8
C135.0	32973.4	32089.4	31157.9	30059.8	28837.7	27751.4	26514.8	25128.7	23675.2	22340.6
C157.5	33485.9	32913.9	31760.4	30729.7	29617.2	28506.0	27184.6	25747.1	24456.2	22945.8
C180.0	34236.4	33388.3	32395.9	31402.4	30258.0	29035.8	27727.8	26415.6	24884.2	23302.7
C202.5	36244.8	35592.1	34963.3	34072.6	33227.1	32191.0	31267.5	30098.2	28923.5	27668.3
C225.0	36564.7	36050.6	35407.1	34635.6	33698.8	32843.9	31748.6	30657.0	29464.0	28063.3
C247.5	36584.5	35867.0	35254.0	34489.0	33585.1	32673.4	31525.2	30453.5	29312.0	27935.1
C270.0	36157.6	35403.3	34764.9	33850.8	33038.1	32121.0	31024.4	29814.0	28591.8	27139.8
C292.5	35540.6	34783.4	34066.1	33073.7	32177.9	31288.7	30125.8	28913.0	27726.5	26305.9
C315.0	35036.0	34212.8	33484.8	32504.2	31595.2	30576.5	29429.5	28177.0	26948.1	25439.2
C337.5	34735.9	33871.7	33274.6	32374.7	31352.0	30388.8	29149.5	27976.1	26418.2	25377.1
C360.0	34837.6	34022.4	33131.9	32332.6	31323.0	30388.8	29129.7	28006.4	26727.4	25225.3
C\G	G40.0	G41.0	G42.0	G43.0	G44.0	G45.0	G46.0	G47.0	G48.0	G49.0
C0.0	24074.4	22529.7	21195.1	19842.1	18449.4	17203.6	15674.7	14541.0	13640.0	12555.1
C22.5	18506.2	17241.7	16116.0	14714.2	13743.0	12803.4	11759.6	11015.7	10291.7	9582.2
C45.0	18444.3	17009.2	15940.4	14817.2	13589.6	12771.8	11705.4	10998.6	10189.9	9402.4
C67.5	18654.2	17561.6	16073.7	15012.6	13933.1	12915.8	12059.6	11116.3	10435.7	9769.7
C90.0	19354.6	18210.2	16774.0	15644.4	14465.6	13548.8	12479.8	11766.3	10845.2	10277.3
C112.5	20218.8	18937.1	17516.5	16229.7	15138.4	13892.3	13048.0	12092.6	11290.6	10644.4
C135.0	20904.5	19328.1	18100.5	16739.7	15565.0	14438.0	13351.8	12318.6	11668.4	10890.2
C157.5	21503.0	20131.4	18687.2	17256.4	15899.4	14714.2	13695.5	12720.3	11899.8	11091.1
C180.0	21943.0	20468.5	18942.2	17610.4	16233.7	15057.7	13828.8	12962.1	12004.1	11219.3
C202.5	25971.8	24581.7	23101.9	21607.5	20072.1	18693.9	17174.4	15863.7	14653.3	13669.0
C225.0	26644.3	25094.4	23650.2	21921.8	20443.3	19088.9	17599.9	16127.8	15006.2	13773.3

Light intensity data Unit[cd]

C247.5	26475.1	24959.6	23506.2	21851.8	20229.3	18837.9	17434.7	16005.0	14835.7	13568.4
C270.0	25920.3	24291.1	22838.8	21320.6	19543.4	18308.1	16826.9	15574.4	14386.5	13268.6
C292.5	24832.7	23318.5	21903.3	20417.0	18900.1	17598.6	16063.2	14891.2	13844.6	12753.3
C315.0	24239.6	22651.2	21291.7	19780.1	18128.4	17046.2	15643.0	14504.0	13410.0	12444.1
C337.5	24063.7	22416.0	21275.8	19667.8	18169.4	17018.6	15816.0	14447.1	13620.2	12452.1
C360.0	24074.4	22529.7	21195.1	19842.1	18449.4	17203.6	15674.7	14541.0	13640.0	12555.1
C\G	G50.0	G51.0	G52.0	G53.0	G54.0	G55.0	G56.0	G57.0	G58.0	G59.0
C0.0	11692.3	10820.3	10028.7	9430.2	8760.4	8304.5	7839.3	7351.8	7070.3	6553.6
C22.5	9025.9	8377.2	7997.8	7552.7	7121.8	6873.5	6338.3	6079.3	5890.5	5445.1
C45.0	9076.0	8356.0	8058.7	7552.7	7029.3	6818.0	6519.3	6008.0	5890.5	5512.4
C67.5	9172.5	8661.2	8201.3	7742.8	7379.5	6848.3	6589.3	6166.7	5841.4	5631.5
C90.0	9570.2	9140.9	8501.4	7975.5	7651.7	7129.8	6806.2	6519.3	6197.0	5708.1
C112.5	10003.7	9151.4	8889.7	8312.3	7930.5	7375.5	6872.2	6705.6	6243.1	5944.7
C135.0	10189.9	9535.9	9066.9	8476.2	7917.4	7584.3	7170.9	6819.3	6423.0	6037.2
C157.5	10296.9	9857.1	9060.2	8630.9	8186.9	7683.5	7251.3	6874.8	6372.6	6134.8
C180.0	10475.4	9764.6	9102.5	8662.5	8218.5	7724.3	7252.7	6763.8	6527.3	6060.8
C202.5	12555.1	11698.9	10984.1	10067.1	9414.4	8784.0	8374.5	7811.7	7433.7	7055.8
C225.0	12751.9	11866.8	10972.3	10197.9	9485.7	8910.8	8279.4	7856.5	7395.3	6987.2
C247.5	12599.9	11619.6	10842.8	10028.7	9370.7	8774.9	8161.7	7624.0	7226.4	6785.0
C270.0	12136.3	11364.6	10429.1	9841.0	9062.9	8603.0	8073.2	7452.2	7065.0	6746.7
C292.5	11778.1	10877.1	10145.1	9387.9	8789.4	8241.0	7741.5	7264.5	6876.2	6433.5
C315.0	11457.1	10686.7	9817.4	9284.9	8622.9	8110.2	7617.3	7046.5	6775.6	6319.8
C337.5	11666.0	10493.9	10006.2	9422.2	8679.7	8241.0	7757.3	7199.8	6909.2	6539.1
C360.0	11692.3	10820.3	10028.7	9430.2	8760.4	8304.5	7839.3	7351.8	7070.3	6553.6
C\G	G60.0	G61.0	G62.0	G63.0	G64.0	G65.0	G66.0	G67.0	G68.0	G69.0
C0.0	6201.0	6031.8	5691.0	5400.1	5178.3	4837.3	4702.6	4440.9	4281.1	4135.8
C22.5	5221.8	4950.9	4758.1	4536.1	4269.1	3978.4	3842.4	3539.7	3546.4	3094.6
C45.0	5221.8	5019.6	4579.6	4551.9	4262.6	4024.8	3851.6	3562.2	3576.7	3411.6
C67.5	5321.0	4953.6	4767.3	4460.8	4253.2	4051.1	3871.4	3699.8	3391.7	3352.3
C90.0	5567.9	5073.8	4834.6	4611.5	4321.9	4072.2	3782.9	3617.7	3468.4	3305.9
C112.5	5713.3	5328.8	5143.8	4851.7	4362.9	4302.3	4056.4	3920.2	3619.1	3402.4
C135.0	5665.8	5562.8	5092.3	4875.6	4648.5	4426.4	4213.6	3990.4	3715.6	3582.1
C157.5	5858.6	5543.0	5247.0	4957.6	4808.3	4409.3	4203.1	3985.1	3768.4	3582.1
C180.0	5842.8	5553.5	5288.0	5038.1	4816.1	4497.8	4251.9	4094.8	3945.4	3790.9
C202.5	6607.8	6197.0	5964.5	5661.8	5298.4	5077.8	4760.6	4550.6	4348.4	4085.4
C225.0	6641.0	6253.8	5890.5	5750.3	5343.5	5107.0	4795.1	4514.9	4366.9	4078.9
C247.5	6467.8	6108.5	5767.4	5438.4	5164.9	4953.6	4707.8	4529.4	4237.4	4066.9
C270.0	6314.5	6045.0	5677.6	5449.1	5129.3	4747.4	4569.1	4279.8	4077.6	3966.6
C292.5	6092.7	5671.1	5539.0	5271.9	4983.9	4764.6	4499.1	4274.4	4076.3	3913.8
C315.0	6064.8	5759.6	5476.8	5291.8	4835.9	4648.5	4577.1	4281.1	4047.3	3846.4
C337.5	6140.1	5819.2	5491.3	5299.8	4966.8	4888.8	4706.4	4222.9	4085.4	3937.6
C360.0	6201.0	6031.8	5691.0	5400.1	5178.3	4837.3	4702.6	4440.9	4281.1	4135.8

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	3924.2	3867.4	3663.9	3426.3	3308.6	3151.4	3039.1	2966.4	2817.1	2806.4
C22.5	3081.2	3002.1	2793.2	2745.7	2618.9	2567.4	2424.5	2387.5	2340.1	2271.4
C45.0	3147.4	3081.2	2884.4	2856.7	2634.7	2577.9	2616.2	2457.7	2362.6	2337.4
C67.5	3241.3	2991.4	2875.3	2787.9	2700.7	2663.7	2478.7	2456.4	2358.6	2375.7
C90.0	3085.2	3082.6	2700.7	2801.2	2649.2	2610.9	2476.0	2338.7	2279.2	2133.9
C112.5	3266.2	3101.1	3011.2	2978.2	2776.1	2684.9	2510.6	2458.9	2522.4	2374.4
C135.0	3428.7	3239.9	3065.4	2949.3	3045.5	2702.1	2727.2	2608.2	2566.1	2521.1
C157.5	3430.1	3245.0	3123.6	3012.6	2881.7	2770.7	2595.1	2596.4	2495.9	2395.6
C180.0	3605.9	3457.9	3274.3	3120.9	3020.6	2885.7	2790.5	2680.9	2609.5	2449.7
C202.5	3883.2	3723.4	3371.9	3387.9	3254.4	2974.2	2916.0	2847.4	2762.9	2618.9
C225.0	3973.3	3739.2	3625.8	3414.2	3286.1	3101.1	3089.2	2908.2	2807.7	2643.9
C247.5	3741.9	3739.2	3516.1	3415.6	3253.1	3102.4	2950.6	2930.8	2679.5	2678.2
C270.0	3715.6	3378.6	3360.1	3148.8	2975.6	2813.1	2712.8	2646.6	2473.6	2392.9
C292.5	3772.4	3568.9	3408.9	3286.1	3060.3	3003.4	2892.4	2819.7	2750.9	2640.1
C315.0	3636.2	3529.3	3329.8	3226.5	3021.9	2930.8	2835.6	2679.5	2546.2	2606.9
C337.5	3727.4	3533.3	3298.1	3179.1	3097.3	2909.6	2750.9	2671.7	2674.4	2522.4
C360.0	3924.2	3867.4	3663.9	3426.3	3308.6	3151.4	3039.1	2966.4	2817.1	2806.4
C\G	G80.0	G81.0	G82.0	G83.0	G84.0	G85.0	G86.0	G87.0	G88.0	G89.0
C0.0	2696.7	2583.2	2643.9	2398.2	2398.2	2124.7	2148.4	2129.9	2070.6	2061.2
C22.5	2196.1	2186.7	2061.2	2119.4	2122.1	2004.4	1935.7	1955.5	1893.4	1799.7
C45.0	2227.7	2263.4	2283.2	2065.2	2065.2	2041.4	1962.2	1913.2	1873.5	1773.2
C67.5	2234.4	2087.7	2159.1	2058.5	2046.7	2083.7	1970.0	1863.0	1852.6	2019.1
C90.0	2263.4	2099.5	2157.7	2061.2	2040.0	1980.7	2001.7	1868.4	1827.4	1830.0
C112.5	2258.0	2225.0	2115.4	2067.9	2169.5	2017.7	1987.2	1926.6	1906.7	1800.8
C135.0	2400.9	2160.4	2221.0	2223.7	2102.2	2044.0	2019.1	2009.7	1901.4	1943.7
C157.5	2348.1	2333.4	2211.9	2156.4	2137.9	2100.9	2009.7	2063.9	2045.4	1975.4
C180.0	2420.7	2363.9	2276.5	2215.9	2104.9	2100.9	2141.9	2078.4	2041.4	1983.2
C202.5	2522.4	2481.4	2371.7	2395.6	2271.4	2170.9	2159.1	2086.4	2078.4	2025.5
C225.0	2498.5	2544.9	2341.4	2396.9	2268.7	2192.0	2188.0	2100.9	2073.2	1864.4
C247.5	2592.4	2457.7	2392.9	2267.4	2300.4	2058.5	2048.1	1952.9	2016.4	1922.6
C270.0	2441.7	2254.2	2277.9	2170.9	1987.2	2078.4	1999.2	1970.0	1871.1	1970.0
C292.5	2518.4	2384.9	2338.7	2292.6	2223.7	2059.9	2066.6	2066.6	2045.4	1955.5
C315.0	2476.0	2395.6	2300.4	2201.4	2205.2	2170.9	2045.4	2005.7	2029.5	2015.1
C337.5	2455.1	2342.7	2330.7	2196.1	2197.4	2289.9	2078.4	2096.9	2026.9	2070.6
C360.0	2696.7	2583.2	2643.9	2398.2	2398.2	2124.7	2148.4	2129.9	2070.6	2061.2
C\G	G90.0									
C0.0	2089.1									
C22.5	1859.0									
C45.0	1876.2									
C67.5	1943.7									
C90.0	1828.7									

Light intensity data Unit[cd]

C112.5	1834.1									
C135.0	1900.0									
C157.5	1918.5									
C180.0	1901.4									
C202.5	1993.9									
C225.0	1964.7									
C247.5	1927.7									
C270.0	1851.2									
C292.5	1874.9									
C315.0	1876.2									
C337.5	1959.6									
C360.0	2089.1									

Zonal Luminous Flux Data

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
0.0	42010.50	0.00	0.00	0.00	0.00
0.0-1.0	41989.61	40.19	40.19	0.05	0.05
1.0-2.0	41965.29	120.50	160.69	0.15	0.20
2.0-3.0	41983.51	200.78	361.47	0.25	0.45
3.0-4.0	41907.69	280.81	642.28	0.35	0.80
4.0-5.0	41829.59	360.23	1002.51	0.45	1.25
5.0-6.0	41772.84	439.35	1441.87	0.55	1.80
6.0-7.0	41707.93	518.16	1960.03	0.65	2.45
7.0-8.0	41595.21	596.18	2556.22	0.75	3.20
8.0-9.0	41517.60	673.58	3229.80	0.84	4.04
9.0-10.0	41399.50	750.37	3980.17	0.94	4.98
10.0-11.0	41259.78	825.94	4806.11	1.03	6.01
11.0-12.0	41084.77	900.14	5706.25	1.13	7.14
12.0-13.0	40911.94	973.09	6679.34	1.22	8.36
13.0-14.0	40726.44	1044.96	7724.31	1.31	9.66
14.0-15.0	40532.53	1115.56	8839.87	1.40	11.06
15.0-16.0	40331.93	1184.89	10024.76	1.48	12.54
16.0-17.0	40049.64	1251.76	11276.52	1.57	14.11
17.0-18.0	39795.10	1316.47	12592.98	1.65	15.76
18.0-19.0	39492.86	1379.45	13972.43	1.73	17.48
19.0-20.0	39177.23	1439.88	15412.31	1.80	19.28
20.0-21.0	38839.69	1498.08	16910.39	1.87	21.16
21.0-22.0	38476.16	1553.70	18464.09	1.94	23.10
22.0-23.0	38067.64	1606.10	20070.19	2.01	25.11
23.0-24.0	37632.61	1655.08	21725.27	2.07	27.18
24.0-25.0	37141.57	1700.20	23425.47	2.13	29.31
25.0-26.0	36618.74	1741.12	25166.59	2.18	31.49
26.0-27.0	36029.78	1777.36	26943.95	2.22	33.71
27.0-28.0	35401.90	1808.50	28752.45	2.26	35.97
28.0-29.0	34757.67	1835.57	30588.02	2.30	38.27
29.0-30.0	33973.55	1855.73	32443.75	2.32	40.59
30.0-31.0	33164.35	1868.35	34312.11	2.34	42.93
31.0-32.0	32320.53	1876.07	36188.17	2.35	45.28
32.0-33.0	31345.42	1875.62	38063.79	2.35	47.62
33.0-34.0	30275.70	1864.84	39928.63	2.33	49.96
34.0-35.0	29204.78	1847.24	41775.88	2.31	52.27
35.0-36.0	28001.55	1821.46	43597.33	2.28	54.55
36.0-37.0	26727.55	1784.96	45382.30	2.23	56.78
37.0-38.0	25396.82	1739.84	47122.13	2.18	58.96
38.0-39.0	24013.74	1686.52	48808.64	2.11	61.07
39.0-40.0	22609.40	1626.05	50434.70	2.03	63.10

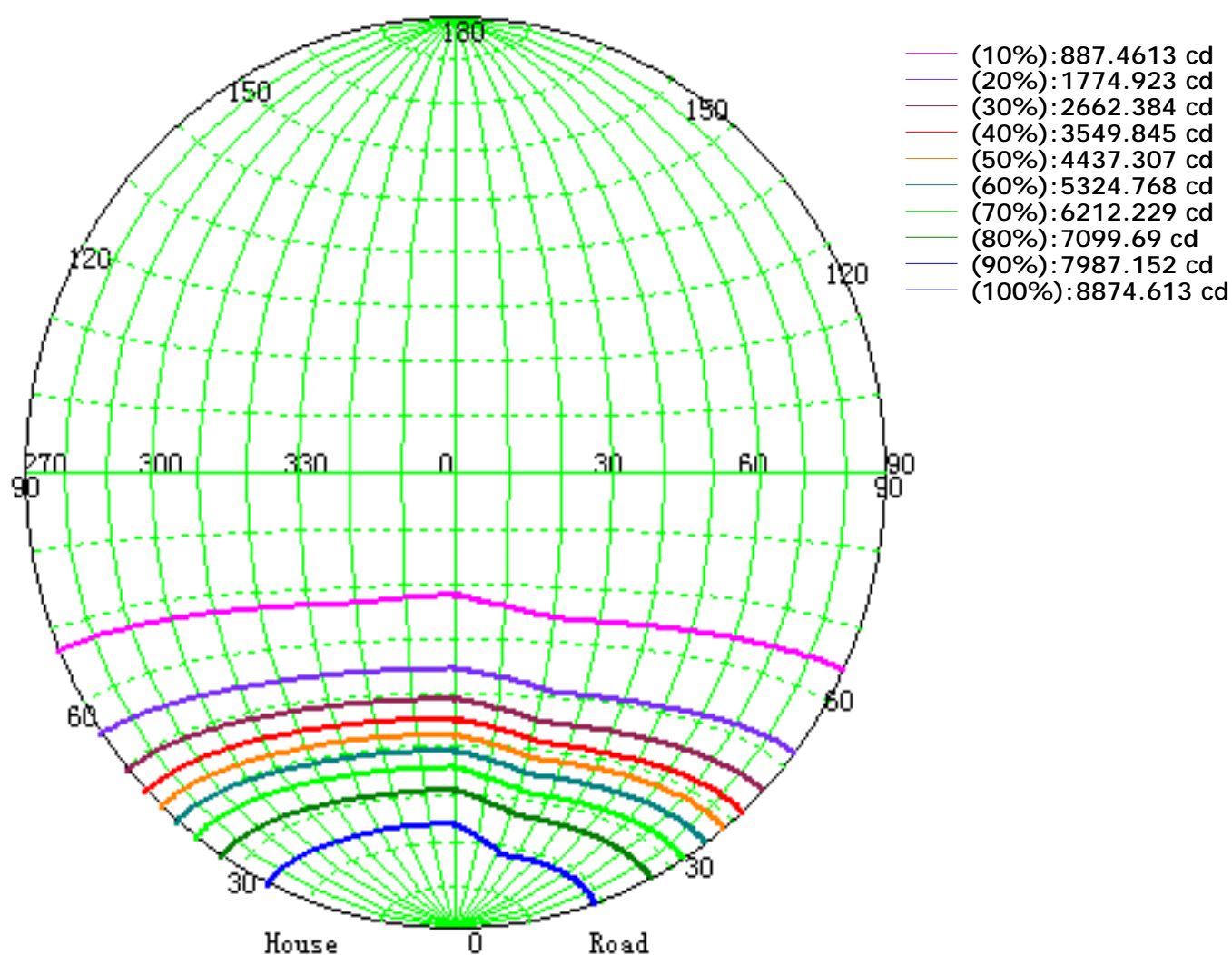
Zonal Luminous Flux Data

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
40.0-41.0	21170.62	1558.99	51993.68	1.95	65.05
41.0-42.0	19807.11	1488.79	53482.47	1.86	66.92
42.0-43.0	18402.08	1415.38	54897.85	1.77	68.69
43.0-44.0	17031.45	1337.36	56235.21	1.67	70.36
44.0-45.0	15871.11	1264.48	57499.70	1.58	71.94
45.0-46.0	14635.07	1193.03	58692.73	1.49	73.43
46.0-47.0	13559.04	1121.35	59814.08	1.40	74.84
47.0-48.0	12626.36	1058.55	60872.63	1.32	76.16
48.0-49.0	11710.03	999.39	61872.02	1.25	77.41
49.0-50.0	10902.95	942.81	62814.83	1.18	78.59
50.0-51.0	10142.01	890.38	63705.20	1.11	79.71
51.0-52.0	9506.51	843.13	64548.33	1.05	80.76
52.0-53.0	8910.35	801.13	65349.46	1.00	81.76
53.0-54.0	8351.34	760.82	66110.27	0.95	82.71
54.0-55.0	7875.43	724.34	66834.61	0.91	83.62
55.0-56.0	7415.27	690.94	67525.55	0.86	84.49
56.0-57.0	6971.49	657.80	68183.33	0.82	85.31
57.0-58.0	6633.57	629.15	68812.48	0.79	86.10
58.0-59.0	6243.46	602.01	69414.49	0.75	86.85
59.0-60.0	5933.91	575.30	69989.79	0.72	87.57
60.0-61.0	5617.00	551.23	70541.03	0.69	88.26
61.0-62.0	5325.53	527.28	71068.30	0.66	88.92
62.0-63.0	5090.41	506.58	71574.90	0.63	89.55
63.0-64.0	4790.23	484.84	72059.73	0.61	90.16
64.0-65.0	4549.20	462.20	72521.93	0.58	90.74
65.0-66.0	4336.95	443.36	72965.30	0.55	91.29
66.0-67.0	4094.01	423.93	73389.23	0.53	91.82
67.0-68.0	3909.52	405.43	73794.67	0.51	92.33
68.0-69.0	3722.08	389.33	74184.00	0.49	92.82
69.0-70.0	3541.28	373.03	74557.02	0.47	93.28
70.0-71.0	3392.53	358.38	74915.39	0.45	93.73
71.0-72.0	3206.40	343.12	75258.52	0.43	94.16
72.0-73.0	3108.56	330.23	75588.75	0.41	94.57
73.0-74.0	2974.04	319.78	75908.52	0.40	94.97
74.0-75.0	2840.58	307.22	76215.74	0.38	95.36
75.0-76.0	2737.84	296.12	76511.86	0.37	95.73
76.0-77.0	2653.45	287.44	76799.30	0.36	96.09
77.0-78.0	2565.41	279.37	77078.66	0.35	96.44
78.0-79.0	2485.54	271.39	77350.05	0.34	96.78
79.0-80.0	2409.41	263.90	77613.95	0.33	97.11
80.0-81.0	2322.80	255.91	77869.85	0.32	97.43

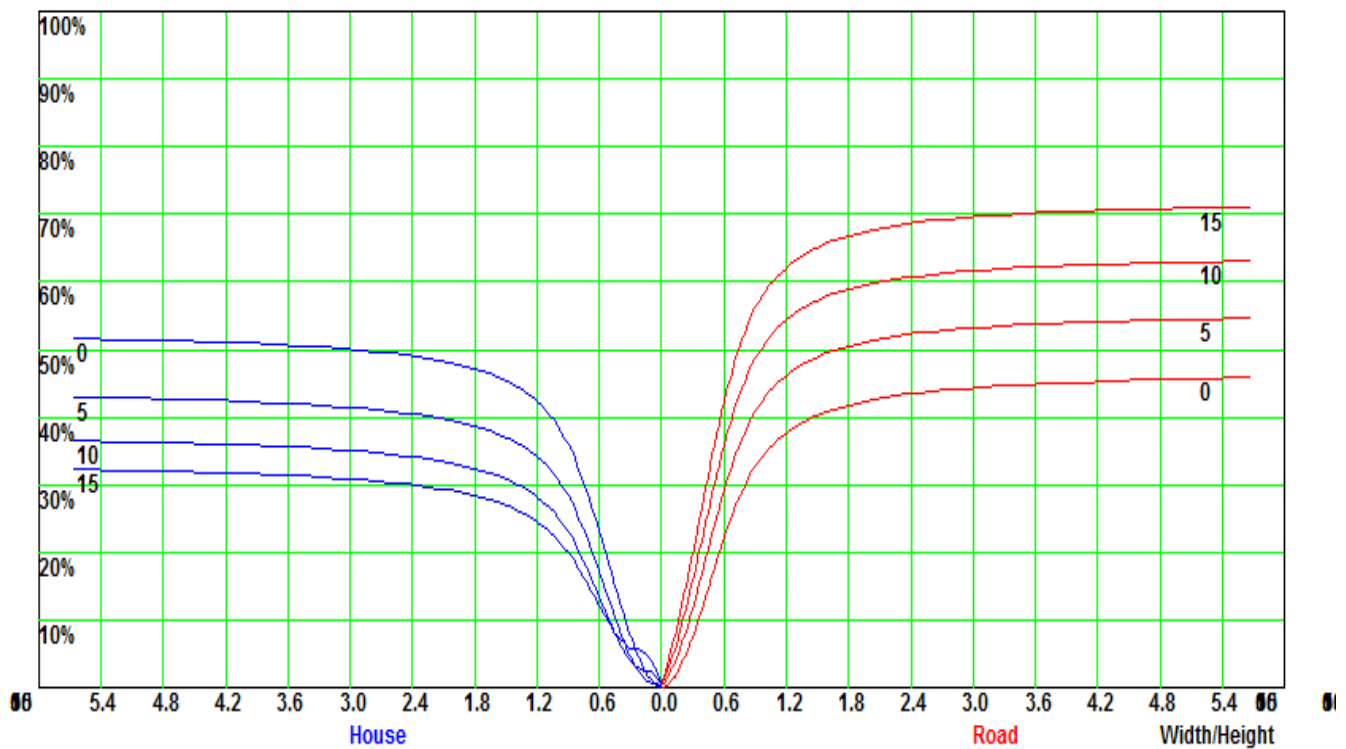
Zonal Luminous Flux Data

[illegible]

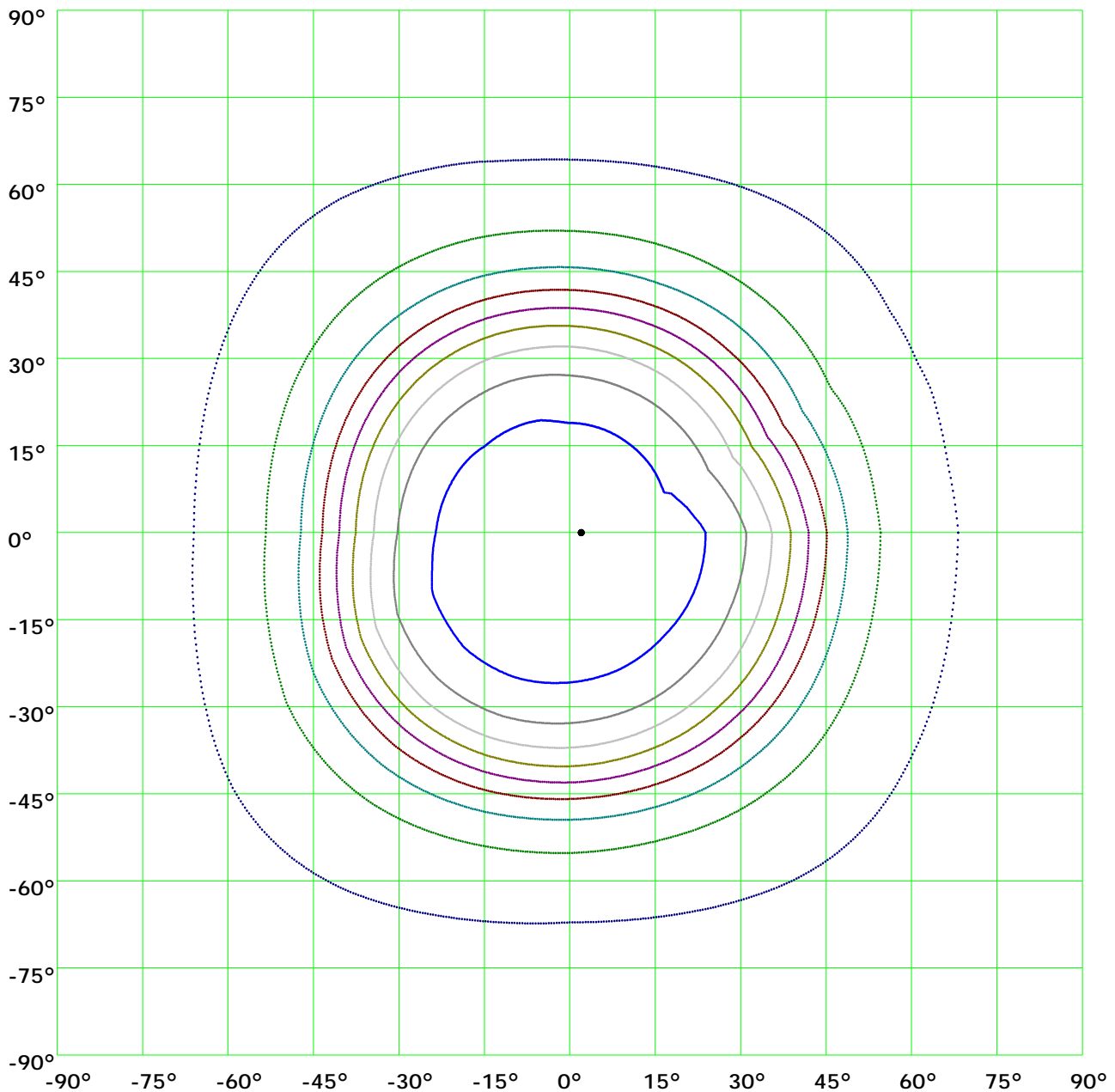
Iso-Candela [cd]



Coefficient Utilization Curve

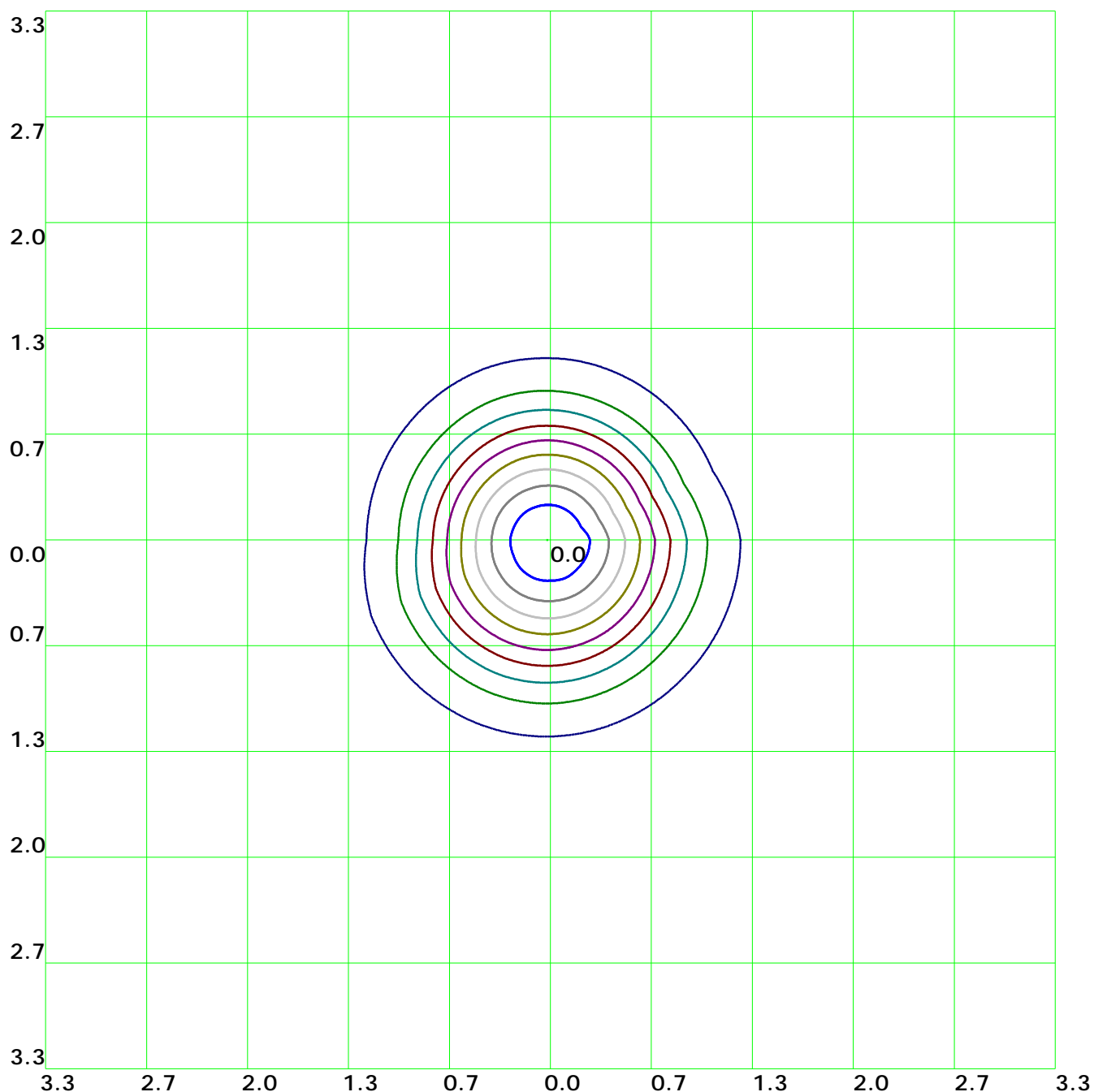


Isocandela(rectangle)



—(10%): 4253.cd —(20%): 8506.1cd —(30%): 12759.1cd —(40%): 17012.2cd
—(50%): 21265.2cd —(60%): 25518.3cd —(70%): 29771.3cd —(80%): 34024.4cd
—(90%): 38277.4cd —(100%): 42530.5cd

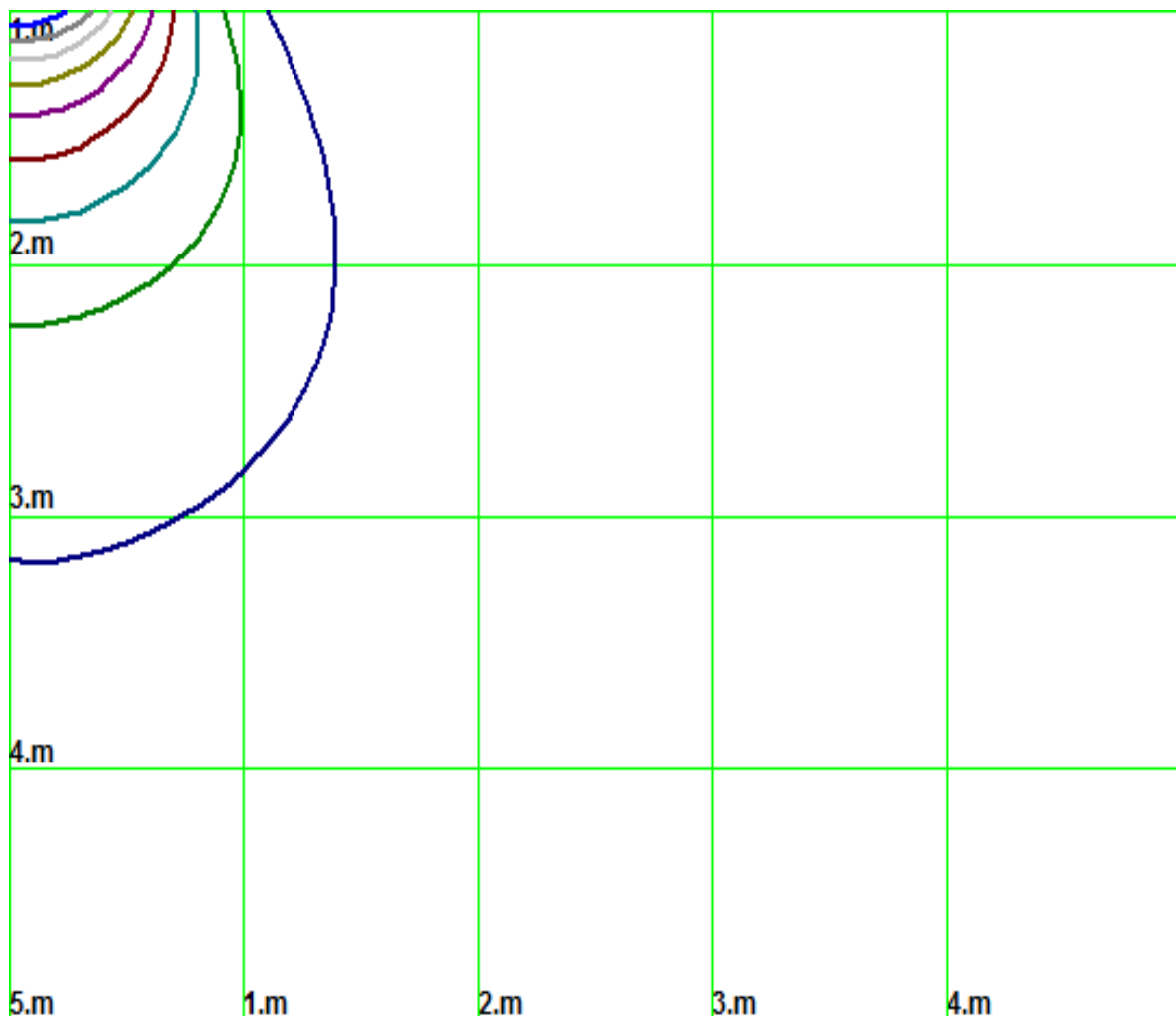
Isolx curve



Height: 1 m

(10%): 4253.1lx (20%): 8506.1lx (30%): 12759.1lx (40%): 17012.2lx
(50%): 21265.2lx (60%): 25518.3lx (70%): 29771.3lx (80%): 34024.4lx
(90%): 38277.4lx (100%): 42488.1lx

Space Isolx Curve



(10%): 4253.1lx (20%): 8506.1lx (30%): 12759.1lx (40%): 17012.2lx
 (50%): 21265.2lx (60%): 25518.3lx (70%): 29771.3lx (80%): 34024.4lx
 (90%): 38277.4lx (100%): 42488.1lx

Luminance Limiting Curve

Diameter: 291mm

Length: 291mm

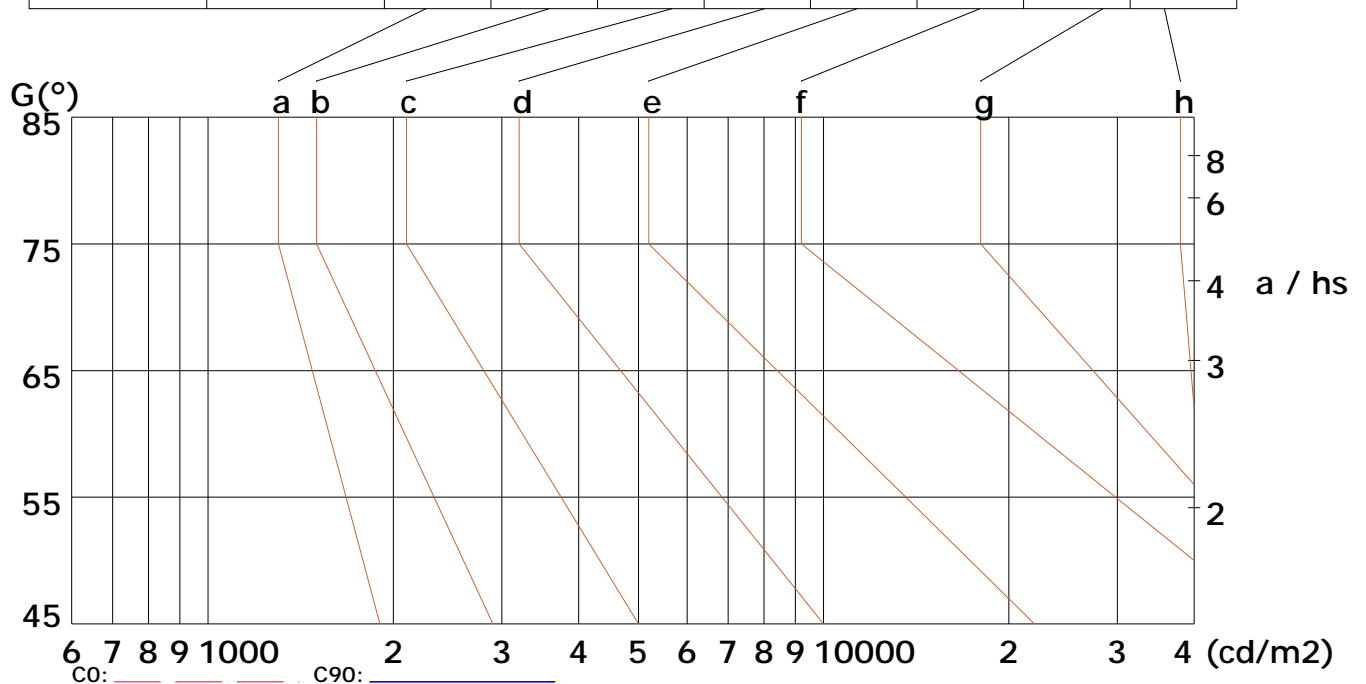
Width: 102mm

Height: 0mm

(cd/m2)

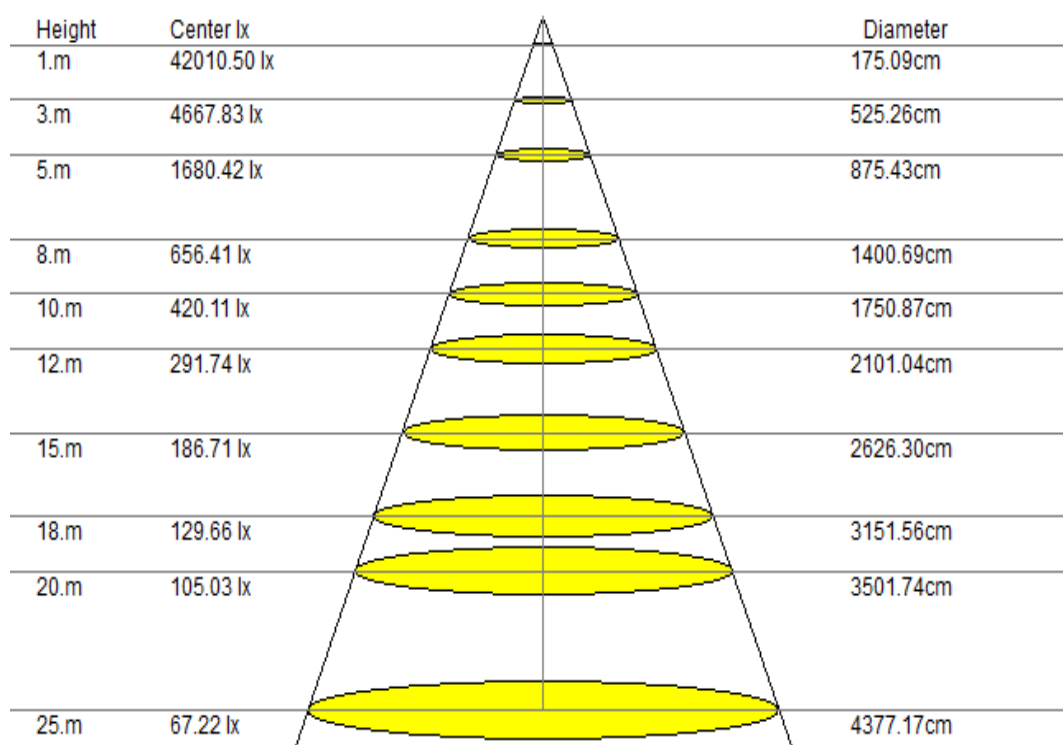
γ	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	479024	72215	10762	27839	24089	42551	52192	25857	68159
C90	608238	154748	61963	10050	28614	28684	30440	38824	209463

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

