

Luminaire Property

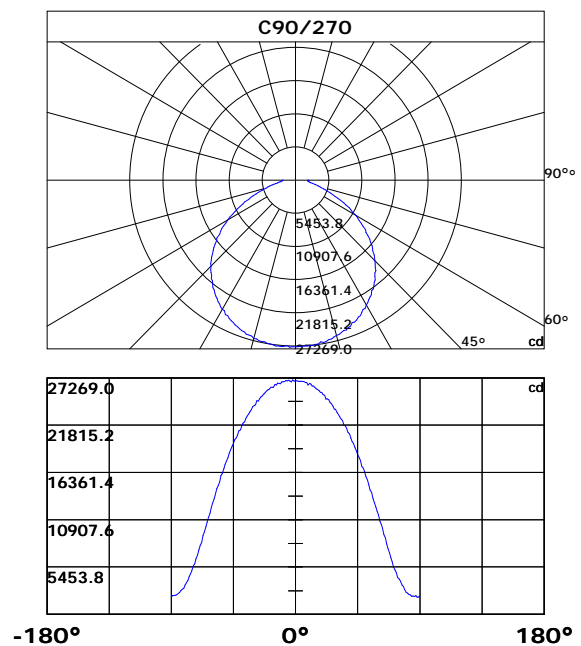
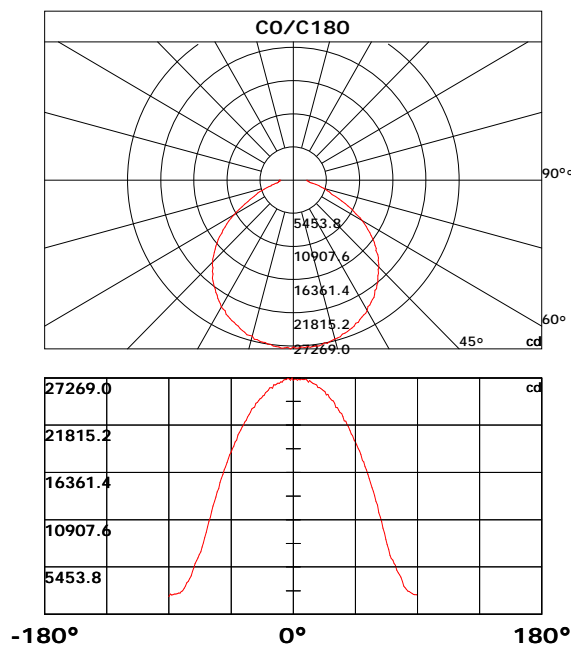
Luminaire Description: T500-480W-120D
Luminaire Categorie: LED FLOOD LIGHT
Lamp Categorie:
Lamp Description: CO-T500-480W-120D
Number of Lamp: 1
Lamp Lumens(lm): 79873.76
Luminous Length(m): 0.532
Luminous Width(m): 0.579
Luminous Height(m): 0.162

Voltage: 220.2 V
Current: 1.963 A
Power: 480.4 W
Power Factor: 0.964
Test Lab: Huipu-lab
Photometric Type: Type C
Manufactory:

Photometric Results

CIE Class: Direct
Measurement Flux: 79873.76 lm
Efficiency: 166.2651 lm/W
Central Intensity: 26947.93cd
Max. Intensity: 27269.04cd
Field Angle(10%Imax): Left: -79.0 Right:83.7

Max.Intensity Angle: C:180.0 G:1.0
Beam Angle(50%Imax): L: -54.8 R:60.0
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	26947.9	27136.1	27103.2	26974.2	27138.7	27025.5	27151.8	27086.1	27058.4	27130.7
C22.5	26947.9	26751.8	26800.4	26684.7	26826.8	26744.0	26707.1	26687.4	26475.4	26516.2
C45.0	26947.9	26949.1	26926.7	26851.9	26926.7	26847.9	26691.2	26792.6	26605.7	26699.1
C67.5	26947.9	26857.0	26903.2	26933.4	26779.5	26755.8	26779.5	26650.5	26425.4	26725.6
C90.0	26947.9	26937.4	26880.7	26859.7	26883.4	26843.9	26842.6	26734.7	26742.7	26446.5
C112.5	26947.9	26905.8	26891.2	26859.7	26751.8	26809.7	26630.8	26746.4	26670.3	26615.0
C135.0	26947.9	26916.3	26929.4	26901.8	26905.8	26838.6	26811.0	26779.5	26729.3	26649.2
C157.5	26947.9	27001.7	27004.4	26994.0	26926.7	26854.3	26869.0	26657.0	26776.8	26708.5
C180.0	26947.9	27269.0	27012.4	27128.1	27225.5	27053.2	27050.6	26975.5	26785.9	26826.8
C202.5	26947.9	26835.9	26833.5	26843.9	26825.5	26859.7	26847.9	26843.9	26791.3	26766.2
C225.0	26947.9	26892.5	27011.1	26846.6	26891.2	26750.4	27049.3	26845.2	26813.7	26879.4
C247.5	26947.9	27009.7	26842.6	26754.4	26963.6	26850.6	26925.6	26909.6	26888.7	26951.8
C270.0	26947.9	26893.8	27025.5	26787.3	26892.5	26991.3	26918.9	26963.6	26846.6	26832.1
C292.5	26947.9	26897.8	26882.1	26879.4	26929.4	26908.5	26918.9	26712.2	26832.1	26670.3
C315.0	26947.9	26793.9	26905.8	26746.4	26950.5	26947.8	26936.0	26999.3	26751.8	26825.5
C337.5	26947.9	26999.3	26974.2	27011.1	27007.1	27011.1	26876.8	26918.9	26835.9	26866.3
C360.0	26947.9	27136.1	27103.2	26974.2	27138.7	27025.5	27151.8	27086.1	27058.4	27130.7
C\G	G10.0	G11.0	G12.0	G13.0	G14.0	G15.0	G16.0	G17.0	G18.0	G19.0
C0.0	26996.6	26764.9	26959.8	26758.4	26676.7	26574.2	26518.9	26458.3	26163.4	26161.0
C22.5	26393.9	26355.7	26263.6	26157.0	25896.4	25881.9	25655.5	25671.2	25510.7	25375.3
C45.0	26446.5	26430.7	26279.3	26164.8	26157.0	26002.9	25858.2	25793.8	25538.5	25343.5
C67.5	26310.8	26437.2	26439.8	26263.6	26017.4	26127.9	25744.9	25717.4	25525.4	25408.2
C90.0	26611.0	26561.1	26321.5	26331.9	26149.0	25997.8	25938.5	25770.0	25585.8	25600.2
C112.5	26500.4	26447.8	26338.6	26250.5	26196.5	26056.9	25929.2	25705.6	25634.6	25483.2
C135.0	26355.7	26442.5	26387.2	26301.7	26205.6	26099.0	26016.2	25851.7	25691.0	25546.2
C157.5	26665.0	26554.4	26534.6	26353.0	26293.8	26187.2	26046.4	25889.7	25696.3	25629.3
C180.0	26625.4	26658.3	26567.5	26451.8	26482.0	26056.9	26127.9	26113.5	25842.4	25700.3
C202.5	26547.7	26613.7	26528.0	26495.1	26425.4	26349.0	26254.2	26145.0	26017.4	25927.9
C225.0	26804.4	26691.2	26722.9	26504.4	26514.9	26389.9	26355.7	26161.0	25933.2	26053.1
C247.5	26722.9	26713.6	26710.9	26479.4	26536.0	26451.8	26214.9	26260.9	25993.8	25950.3
C270.0	26793.9	26600.3	26635.9	26649.2	26459.6	26505.8	26183.2	26172.8	26185.9	25949.0
C292.5	26738.7	26687.4	26629.4	26532.0	26453.2	26374.1	26321.5	26091.1	26050.4	25924.1
C315.0	26670.3	26703.1	26617.4	26554.4	26307.1	26366.1	26138.6	26171.4	26041.1	25943.9
C337.5	26835.9	26759.8	26678.1	26624.1	26555.7	26433.4	26357.0	26205.6	26143.9	25993.8
C360.0	26996.6	26764.9	26959.8	26758.4	26676.7	26574.2	26518.9	26458.3	26163.4	26161.0
C\G	G20.0	G21.0	G22.0	G23.0	G24.0	G25.0	G26.0	G27.0	G28.0	G29.0
C0.0	26045.1	25887.3	25788.5	25650.4	25304.3	25366.0	25039.6	24867.3	24666.0	24601.4
C22.5	25342.4	24922.6	24914.6	24789.6	24500.1	24310.5	24089.4	23726.2	23635.4	23265.8
C45.0	25389.7	25035.6	24987.0	24698.8	24568.5	24305.4	23997.3	23951.3	23730.2	23427.6
C67.5	25243.6	24987.0	25108.0	24666.0	24652.7	24447.5	24165.8	23950.0	23794.8	23427.6
C90.0	25330.5	25258.1	24815.8	24867.3	24738.4	24404.0	24321.2	24006.6	23680.3	23640.7

Light intensity data Unit[cd]

C112.5	25380.4	25192.4	25044.9	24834.3	24646.2	24471.1	24253.9	24087.0	23822.3	23611.9
C135.0	25426.6	25218.6	25088.5	24734.4	24688.2	24498.8	24289.4	24084.3	23926.2	23775.0
C157.5	25312.0	25335.8	25160.8	24993.7	24772.5	24621.1	24377.8	24189.5	23985.5	23727.5
C180.0	25563.3	25264.7	25180.4	24956.8	24847.6	24671.1	24442.2	24329.0	23898.7	23817.0
C202.5	25829.3	25649.0	25541.1	25230.5	25189.7	24937.0	24862.0	24706.6	24513.2	24273.7
C225.0	25805.6	25700.3	25627.9	25391.1	25147.5	25171.3	24808.1	24685.7	24487.0	24342.3
C247.5	25859.5	25466.1	25705.6	25510.7	25173.9	25114.7	25021.2	24870.0	24510.6	24287.0
C270.0	25885.9	25726.5	25548.9	25409.5	25180.4	25081.8	24866.0	24586.9	24627.8	24147.4
C292.5	25764.7	25634.6	25379.3	25333.1	25167.3	25018.5	24821.2	24650.2	24402.7	24236.8
C315.0	25781.8	25559.6	25496.3	25249.0	25154.2	25033.2	24835.6	24505.5	24392.2	24040.8
C337.5	25806.9	25623.9	25521.4	25409.5	25208.1	25035.6	24829.2	24660.6	24355.4	24264.6
C360.0	26045.1	25887.3	25788.5	25650.4	25304.3	25366.0	25039.6	24867.3	24666.0	24601.4
C\G	G30.0	G31.0	G32.0	G33.0	G34.0	G35.0	G36.0	G37.0	G38.0	G39.0
C0.0	24327.6	23877.6	23819.7	23517.1	23276.2	23141.9	22794.7	22295.8	22262.9	21849.6
C22.5	23168.3	22897.2	22660.3	22361.5	21927.3	21736.6	21393.1	21179.8	20900.9	20498.2
C45.0	23250.0	22748.5	22757.8	22489.2	22048.5	21925.9	21464.1	21140.2	20941.5	20444.2
C67.5	23175.0	22953.8	22701.2	22419.5	22011.6	21948.4	21482.6	21244.4	21012.6	20619.2
C90.0	23269.5	23036.6	22772.2	22494.5	22327.3	21806.3	21728.6	21415.3	20973.3	20789.0
C112.5	23324.8	23093.3	22722.3	22572.2	22339.3	22040.5	21669.3	21422.0	21078.5	20744.2
C135.0	23405.2	23153.9	22927.4	22694.5	22344.4	22072.0	21674.6	21449.5	21129.8	20844.3
C157.5	23478.9	23211.8	22982.7	22531.3	22477.4	22169.5	21886.4	21545.6	21297.0	20954.9
C180.0	23665.8	23289.3	23042.0	22766.9	22389.3	22165.5	21781.2	21589.1	21273.2	20942.9
C202.5	24087.0	23859.2	23610.5	23424.9	23134.1	22919.6	22473.4	22308.9	21939.2	21714.1
C225.0	24092.1	23792.1	23811.9	23364.3	23222.2	22997.1	22691.9	22330.0	22216.8	21715.5
C247.5	24134.3	23913.1	23625.0	23613.2	22922.3	22889.2	22718.3	22297.1	22244.5	21794.3
C270.0	24073.7	23917.1	23605.2	23392.1	23126.1	22863.0	22614.2	22203.7	22064.2	21707.5
C292.5	23992.2	23788.1	23561.7	23314.4	23011.8	22670.8	22497.2	22214.1	21940.4	21630.0
C315.0	24076.3	23751.3	23528.8	23296.0	22941.8	22743.1	22374.8	22206.3	21903.5	21614.0
C337.5	24033.0	23842.1	23571.0	23302.6	23003.8	22777.3	22526.0	22252.3	21993.2	21645.8
C360.0	24327.6	23877.6	23819.7	23517.1	23276.2	23141.9	22794.7	22295.8	22262.9	21849.6
C\G	G40.0	G41.0	G42.0	G43.0	G44.0	G45.0	G46.0	G47.0	G48.0	G49.0
C0.0	21636.4	21213.9	20810.1	20595.4	20103.2	19877.0	19557.1	19080.9	18840.0	18426.8
C22.5	19994.0	19875.7	19374.1	19187.4	18699.2	18379.3	18074.1	17475.3	17083.0	16730.5
C45.0	20223.1	19961.1	19515.1	19186.1	18572.7	18395.1	18029.2	17464.6	17196.2	16627.7
C67.5	20150.7	19937.4	19350.6	19134.8	18749.2	18383.3	17945.1	17508.2	17212.0	16660.7
C90.0	20296.8	19901.9	19724.3	19197.9	18853.1	18439.9	18059.6	17739.7	17077.9	16830.4
C112.5	20446.9	20053.3	19695.4	19337.3	18950.6	18438.6	18120.0	17755.5	17353.0	16863.2
C135.0	20479.8	20153.4	19804.6	19425.7	19034.7	18666.2	18254.3	17822.7	17452.9	16904.1
C157.5	20570.6	20277.1	19896.8	19545.3	18987.4	18717.7	18149.1	17941.1	17525.2	17101.4
C180.0	20683.6	20082.4	19865.0	19373.0	19130.8	18722.8	18380.7	17928.0	17516.1	16996.2
C202.5	21467.9	21174.6	20817.9	20458.7	20124.3	19792.6	19453.2	19062.4	18645.3	18110.9
C225.0	21466.6	21152.2	20852.1	20488.9	20067.7	19915.2	19262.5	19013.6	18765.0	18245.0

Light intensity data Unit[cd]

C247.5	21536.5	21304.7	20470.4	20625.8	20129.6	19823.1	19518.9	18922.8	18597.8	18231.9
C270.0	21252.1	21146.9	20666.5	20357.2	20133.6	19696.7	19400.6	18937.2	18563.6	18063.4
C292.5	21357.4	20968.0	20648.0	20232.2	19963.8	19552.0	19219.0	18783.4	18293.8	18018.8
C315.0	21269.2	20942.9	20577.0	20350.8	19908.5	19565.1	19157.0	18568.9	18354.2	17822.7
C337.5	21312.7	20896.9	20733.7	20365.2	20023.1	19628.1	19249.2	18858.4	18470.1	18091.1
C360.0	21636.4	21213.9	20810.1	20595.4	20103.2	19877.0	19557.1	19080.9	18840.0	18426.8
C\G	G50.0	G51.0	G52.0	G53.0	G54.0	G55.0	G56.0	G57.0	G58.0	G59.0
C0.0	17738.4	17560.8	17033.1	16697.6	16136.8	15676.3	15195.9	14580.1	14202.4	13665.4
C22.5	16200.1	15797.3	15271.0	14668.2	14289.2	13652.3	13325.9	12715.2	12237.6	11720.4
C45.0	16204.1	15694.8	15222.3	14849.8	14283.9	13808.8	13401.0	12617.9	12338.9	11844.0
C67.5	16213.2	15755.2	15327.6	14816.9	14368.3	13740.4	13323.3	12863.9	12303.3	11767.6
C90.0	16438.3	15865.7	15482.8	14927.5	14327.4	14023.3	13378.5	12927.2	12371.7	11906.0
C112.5	16439.6	15969.8	15510.5	15114.4	14561.6	14033.9	13385.2	13016.7	12442.8	11971.7
C135.0	16525.1	16079.1	15626.2	15207.7	14672.2	14157.6	13629.9	13149.4	12613.9	12076.9
C157.5	16576.4	16180.3	15685.4	15206.4	14723.5	14173.3	13653.6	13033.8	12569.1	11888.9
C180.0	16637.0	16130.4	15663.0	15205.2	14513.0	14122.1	13507.5	13061.3	12494.1	11911.3
C202.5	17795.0	17292.4	16971.1	16502.7	16047.3	15582.9	15116.9	14580.1	14057.7	13516.6
C225.0	17808.1	17308.1	16864.5	16522.4	16048.7	15576.2	15065.6	14474.8	14237.9	13496.9
C247.5	17721.3	17276.6	16810.6	16330.4	15789.4	15511.8	15138.0	14553.6	14235.3	13612.8
C270.0	17676.7	17269.9	16779.1	16206.5	15998.7	15249.9	14870.9	14482.6	13886.5	13333.7
C292.5	17589.6	17163.4	16740.9	16282.9	15790.7	15373.5	14774.8	14324.8	13848.3	13308.8
C315.0	17550.3	17092.3	16652.7	16351.5	15638.2	15191.9	14774.8	14237.9	13787.7	13199.6
C337.5	17667.3	17218.7	16823.9	16356.6	15747.4	15452.6	14909.1	14424.7	13904.9	13343.0
C360.0	17738.4	17560.8	17033.1	16697.6	16136.8	15676.3	15195.9	14580.1	14202.4	13665.4
C\G	G60.0	G61.0	G62.0	G63.0	G64.0	G65.0	G66.0	G67.0	G68.0	G69.0
C0.0	13024.4	12599.5	11708.6	11209.7	10670.2	9946.3	9363.5	8643.5	8068.5	7473.5
C22.5	11022.8	10389.8	9937.2	9214.7	8634.4	7955.3	7332.8	6880.1	6232.7	5862.8
C45.0	11179.5	10767.5	10062.2	9442.3	8890.8	8348.7	7802.5	7209.1	6645.9	6214.3
C67.5	11201.7	10801.7	10204.2	9681.9	9135.7	8640.9	8051.4	7515.7	6856.3	6457.6
C90.0	11471.7	10709.8	10374.1	9887.2	9216.1	8810.7	8109.1	7575.0	7063.0	6528.6
C112.5	11466.4	10930.7	10341.2	9847.7	9258.0	8673.7	8164.4	7644.7	7106.5	6576.2
C135.0	11491.5	11025.5	10376.7	9812.2	9167.2	8717.2	8152.7	7579.0	6989.3	6437.8
C157.5	11408.4	10875.4	10299.0	9663.4	9108.2	8510.5	7890.7	7375.0	6830.1	6407.7
C180.0	11221.5	10692.4	10077.9	9451.6	8851.5	8259.2	7767.0	7218.2	6895.9	6515.5
C202.5	12999.6	12433.7	11850.7	11222.8	10574.1	10089.9	9476.5	8829.1	8325.2	7745.9
C225.0	13003.6	12617.9	11971.7	11378.2	10768.8	10236.0	9714.7	9122.6	8558.0	8019.7
C247.5	12783.8	12498.1	12084.9	11311.0	10837.4	10304.4	9708.3	9168.6	8551.4	8050.1
C270.0	12820.6	12353.3	11691.5	11162.4	10662.3	10075.3	9437.0	9084.4	8325.2	7914.4
C292.5	12741.6	12110.0	11727.0	11116.3	10563.7	10006.9	9431.9	8808.0	8381.5	7765.7
C315.0	12564.0	12169.0	11513.7	11063.6	10505.7	9963.6	9383.0	8751.4	8207.9	7657.8
C337.5	12727.2	12240.1	11695.3	11080.7	10495.1	9909.6	9251.6	8536.9	8009.2	7372.3
C360.0	13024.4	12599.5	11708.6	11209.7	10670.2	9946.3	9363.5	8643.5	8068.5	7473.5

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	6811.7	6451.2	6258.9	5852.2	5662.8	5123.1	4771.9	4571.9	4300.8	3787.5
C22.5	5505.0	5139.1	4974.6	4682.4	4234.8	4195.3	3817.7	3238.7	2978.0	2930.8
C45.0	5495.6	5286.5	4845.6	4270.4	3952.0	3699.4	3413.6	3093.9	3045.3	2768.9
C67.5	6004.9	5576.0	5064.0	4708.6	4238.8	3953.3	3504.4	3209.8	3009.8	2787.3
C90.0	6068.2	5473.2	5128.4	4793.0	4254.6	4062.6	3812.6	3388.8	3213.6	2851.7
C112.5	6137.9	5537.8	5211.5	4775.9	4454.6	4038.8	3663.8	3282.2	3058.4	2787.3
C135.0	6008.9	5465.4	5041.6	4602.0	4263.9	3862.5	3583.5	3366.3	3153.2	2958.3
C157.5	5882.6	5656.1	5231.2	4941.5	4583.6	4228.4	3821.7	3467.6	3376.8	2920.3
C180.0	6210.3	5837.8	5348.2	4973.2	4450.6	4120.5	3803.3	3613.7	3249.1	2979.4
C202.5	7149.8	6655.0	6222.1	5912.8	5585.1	5208.8	4774.5	4391.6	4065.2	3770.4
C225.0	7305.2	6902.5	6268.2	5773.4	5437.7	4906.0	4487.5	4116.5	3803.3	3621.6
C247.5	7616.9	7128.7	6652.3	5899.7	5697.0	5349.6	4862.7	4285.0	3957.3	3516.4
C270.0	7443.3	6837.9	6411.6	5791.8	5630.0	5021.9	4664.0	4345.4	3944.0	3633.4
C292.5	7268.4	6753.8	6264.2	5777.4	5261.4	5070.5	4546.8	4152.0	3844.1	3596.6
C315.0	7055.0	6505.1	5965.4	5323.4	5031.2	4536.3	4303.4	3882.3	3719.1	3411.2
C337.5	6895.9	6316.9	5866.8	5458.8	5279.8	4837.6	4629.8	4300.8	4145.4	3874.3
C360.0	6811.7	6451.2	6258.9	5852.2	5662.8	5123.1	4771.9	4571.9	4300.8	3787.5
C\G	G80.0	G81.0	G82.0	G83.0	G84.0	G85.0	G86.0	G87.0	G88.0	G89.0
C0.0	3282.2	3085.9	2895.2	2665.0	2626.8	2505.6	2412.1	2293.8	2264.9	2279.4
C22.5	2758.3	2449.0	2393.7	2330.7	2295.1	2250.3	2250.3	2328.0	2199.0	2192.6
C45.0	2635.9	2445.2	2342.4	2189.9	2320.2	2346.4	2209.7	2132.0	2141.1	2132.0
C67.5	2513.6	2393.7	2272.7	2138.4	2139.7	2070.0	2062.3	2055.6	2099.1	2109.5
C90.0	2524.0	2425.5	2305.6	2208.3	2067.4	2113.5	2050.3	2134.6	1977.9	2021.4
C112.5	2622.8	2405.7	2237.2	2168.8	2074.0	2170.1	2136.0	2133.3	2045.2	2018.7
C135.0	2833.3	2593.7	2435.9	2342.4	2282.0	2199.0	2250.3	2167.5	2185.9	2217.4
C157.5	2754.5	2596.4	2492.5	2408.4	2341.1	2300.5	2279.4	2259.6	2224.1	2251.6
C180.0	2713.6	2650.4	2424.1	2442.6	2375.3	2337.3	2314.9	2254.3	2214.8	2325.3
C202.5	3458.5	3255.8	2930.8	2701.9	2514.9	2463.6	2391.3	2309.6	2189.9	2259.6
C225.0	3259.8	3048.0	2987.4	2793.8	2607.1	2438.6	2338.7	2218.8	2238.5	2212.1
C247.5	3244.0	2943.9	2901.9	2601.7	2518.9	2431.9	2279.4	2188.6	2174.1	2188.6
C270.0	3380.8	2992.7	2892.6	2742.5	2516.3	2403.0	2275.4	2200.3	2188.6	2156.8
C292.5	3255.8	3084.8	2707.0	2529.4	2442.6	2425.5	2175.3	2188.6	2136.0	2092.4
C315.0	3065.1	2997.8	2751.8	2616.2	2525.4	2278.0	2338.7	2203.0	2045.2	2158.2
C337.5	3241.3	3025.6	2871.5	2726.7	2601.7	2462.3	2376.6	2301.8	2370.2	2279.4
C360.0	3282.2	3085.9	2895.2	2665.0	2626.8	2505.6	2412.1	2293.8	2264.9	2279.4
C\G	G90.0									
C0.0	2217.4									
C22.5	2171.5									
C45.0	2166.2									
C67.5	2122.6									
C90.0	2055.6									

Light intensity data Unit[cd]

C112.5	2093.8									
C135.0	2141.1									
C157.5	2183.2									
C180.0	2038.5									
C202.5	2268.7									
C225.0	2105.5									
C247.5	2170.1									
C270.0	1996.3									
C292.5	2092.4									
C315.0	2143.7									
C337.5	2218.8									
C360.0	2217.4									

Zonal Luminous Flux Data

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
0.0	26947.93	0.00	0.00	0.00	0.00
0.0-1.0	26940.46	25.78	25.78	0.03	0.03
1.0-2.0	26932.89	77.32	103.11	0.10	0.13
2.0-3.0	26878.53	128.70	231.81	0.16	0.29
3.0-4.0	26926.54	180.10	411.91	0.23	0.52
4.0-5.0	26880.76	231.48	643.39	0.29	0.81
5.0-6.0	26875.43	282.50	925.89	0.35	1.16
6.0-7.0	26831.41	333.36	1259.25	0.42	1.58
7.0-8.0	26751.87	383.49	1642.73	0.48	2.06
8.0-9.0	26756.82	433.66	2076.39	0.54	2.60
9.0-10.0	26626.20	483.10	2559.49	0.60	3.20
10.0-11.0	26588.84	531.73	3091.22	0.67	3.87
11.0-12.0	26538.41	580.76	3671.97	0.73	4.60
12.0-13.0	26429.46	628.60	4300.57	0.79	5.38
13.0-14.0	26332.88	675.35	4975.92	0.85	6.23
14.0-15.0	26240.93	721.76	5697.68	0.90	7.13
15.0-16.0	26103.81	767.00	6464.67	0.96	8.09
16.0-17.0	26011.19	811.57	7276.25	1.02	9.11
17.0-18.0	25847.11	855.03	8131.28	1.07	10.18
18.0-19.0	25749.33	897.67	9028.95	1.12	11.30
19.0-20.0	25610.46	940.03	9968.98	1.18	12.48
20.0-21.0	25403.88	979.58	10948.56	1.23	13.71
21.0-22.0	25306.82	1019.05	11967.61	1.28	14.98
22.0-23.0	25107.79	1057.84	13025.44	1.32	16.31
23.0-24.0	24933.72	1094.09	14119.53	1.37	17.68
24.0-25.0	24780.48	1130.39	15249.92	1.42	19.09
25.0-26.0	24563.74	1164.78	16414.70	1.46	20.55
26.0-27.0	24366.06	1197.08	17611.77	1.50	22.05
27.0-28.0	24151.77	1228.37	18840.14	1.54	23.59
28.0-29.0	23930.45	1257.97	20098.11	1.57	25.16
29.0-30.0	23722.10	1286.61	21384.72	1.61	26.77
30.0-31.0	23445.32	1312.60	22697.32	1.64	28.42
31.0-32.0	23231.24	1337.23	24034.55	1.67	30.09
32.0-33.0	22972.14	1361.17	25395.72	1.70	31.79
33.0-34.0	22656.47	1380.86	26776.58	1.73	33.52
34.0-35.0	22429.17	1400.19	28176.77	1.75	35.28
35.0-36.0	22110.64	1418.16	29594.93	1.78	37.05
36.0-37.0	21818.38	1432.72	31027.65	1.79	38.85
37.0-38.0	21573.22	1448.35	32476.00	1.81	40.66
38.0-39.0	21219.22	1460.62	33936.63	1.83	42.49
39.0-40.0	20884.03	1468.41	35405.05	1.84	44.33

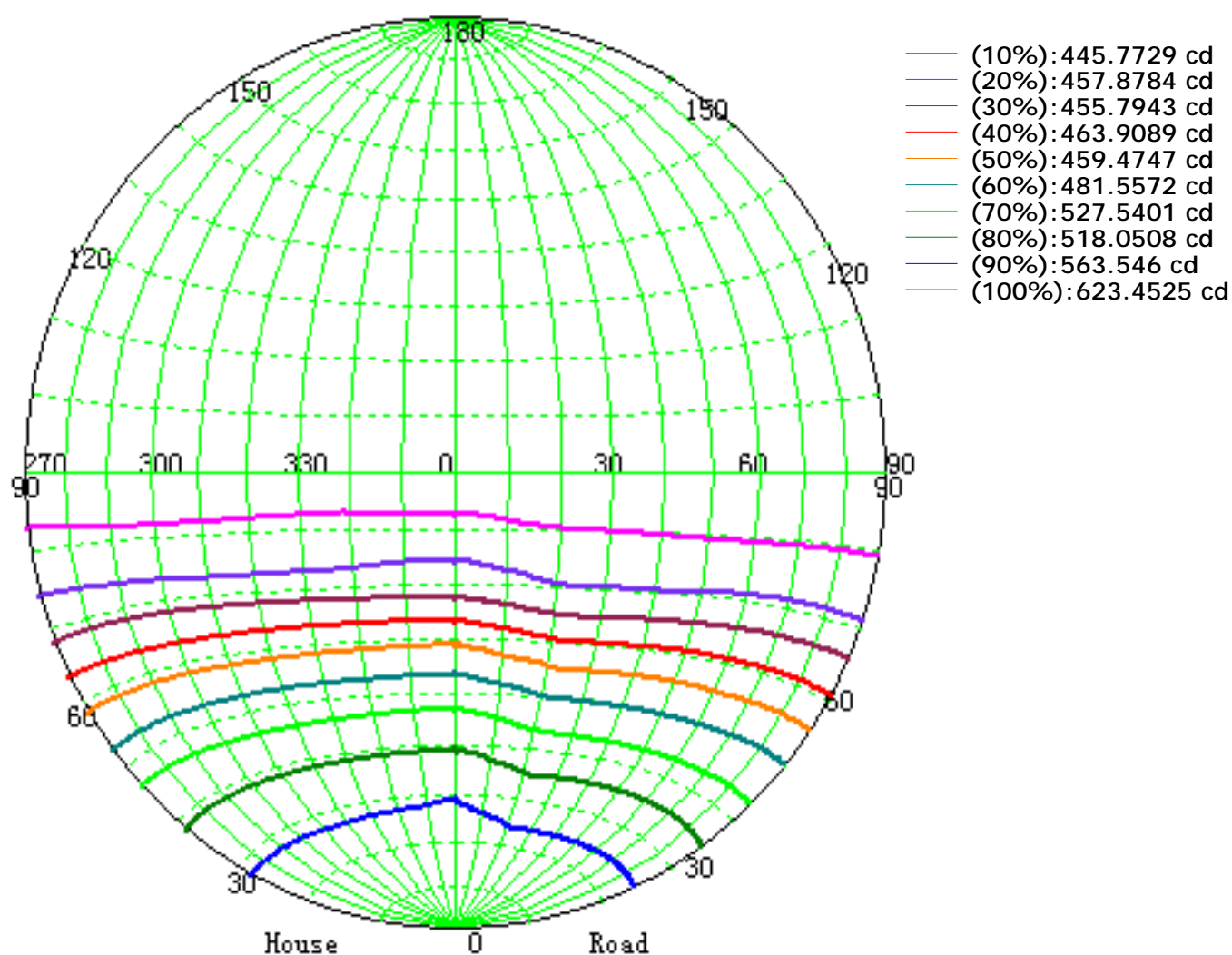
Zonal Luminous Flux Data

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
40.0-41.0	20565.15	1475.99	36881.04	1.85	46.17
41.0-42.0	20175.10	1480.16	38361.21	1.85	48.03
42.0-43.0	19866.36	1483.25	39844.46	1.86	49.88
43.0-44.0	19464.48	1484.46	41328.93	1.86	51.74
44.0-45.0	19124.54	1483.02	42811.95	1.86	53.60
45.0-46.0	18739.34	1480.77	44292.73	1.85	55.45
46.0-47.0	18303.92	1473.31	45766.04	1.84	57.30
47.0-48.0	17934.13	1464.93	47230.97	1.83	59.13
48.0-49.0	17482.80	1454.42	48685.39	1.82	60.95
49.0-50.0	17048.77	1439.74	50125.13	1.80	62.76
50.0-51.0	16603.42	1423.77	51548.91	1.78	64.54
51.0-52.0	16154.04	1405.65	52954.55	1.76	66.30
52.0-53.0	15702.92	1385.78	54340.32	1.73	68.03
53.0-54.0	15183.51	1361.35	55701.66	1.70	69.74
54.0-55.0	14707.93	1334.30	57035.96	1.67	71.41
55.0-56.0	14215.67	1306.98	58342.94	1.64	73.04
56.0-57.0	13690.25	1275.92	59618.87	1.60	74.64
57.0-58.0	13220.76	1244.46	60863.34	1.56	76.20
58.0-59.0	12660.22	1209.95	62073.29	1.51	77.71
59.0-60.0	12070.52	1168.37	63241.66	1.46	79.18
60.0-61.0	11575.89	1128.45	64370.11	1.41	80.59
61.0-62.0	10994.74	1087.59	65457.69	1.36	81.95
62.0-63.0	10409.12	1040.98	66498.66	1.30	83.25
63.0-64.0	9833.71	993.31	67491.96	1.24	84.50
64.0-65.0	9278.01	945.82	68437.78	1.18	85.68
65.0-66.0	8689.82	896.48	69334.27	1.12	86.80
66.0-67.0	8121.33	845.31	70179.58	1.06	87.86
67.0-68.0	7565.42	794.64	70974.20	0.99	88.86
68.0-69.0	7062.50	746.25	71720.45	0.93	89.79
69.0-70.0	6553.73	699.30	72419.76	0.88	90.67
70.0-71.0	6095.19	653.77	73073.52	0.82	91.49
71.0-72.0	5672.18	611.87	73685.39	0.77	92.25
72.0-73.0	5221.02	569.63	74255.01	0.71	92.97
73.0-74.0	4876.13	530.83	74785.85	0.66	93.63
74.0-75.0	4513.41	496.11	75281.97	0.62	94.25
75.0-76.0	4153.82	460.09	75742.06	0.58	94.83
76.0-77.0	3794.15	423.75	76165.82	0.53	95.36
77.0-78.0	3553.96	393.35	76559.17	0.49	95.85
78.0-79.0	3262.22	366.23	76925.41	0.46	96.31
79.0-80.0	2971.47	336.07	77261.47	0.42	96.73
80.0-81.0	2774.63	310.74	77572.21	0.39	97.12

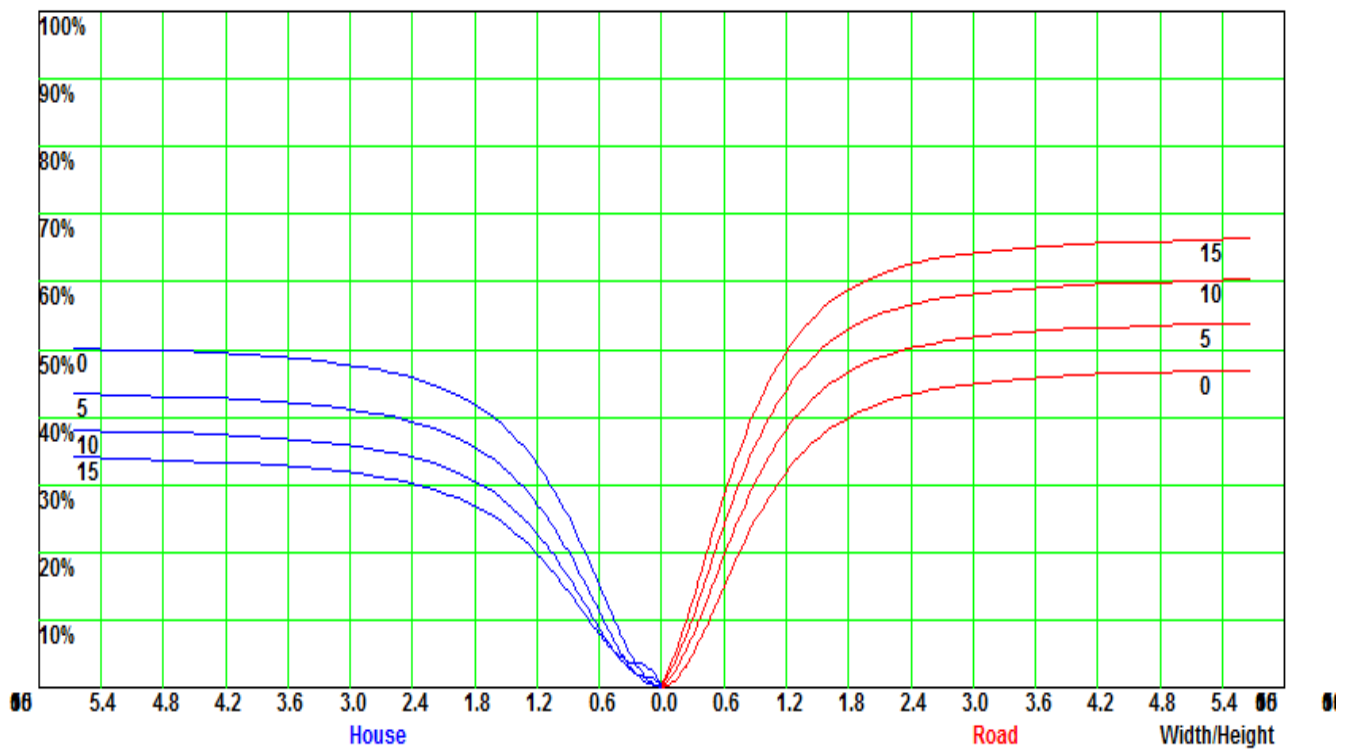
Zonal Luminous Flux Data

[illegible]

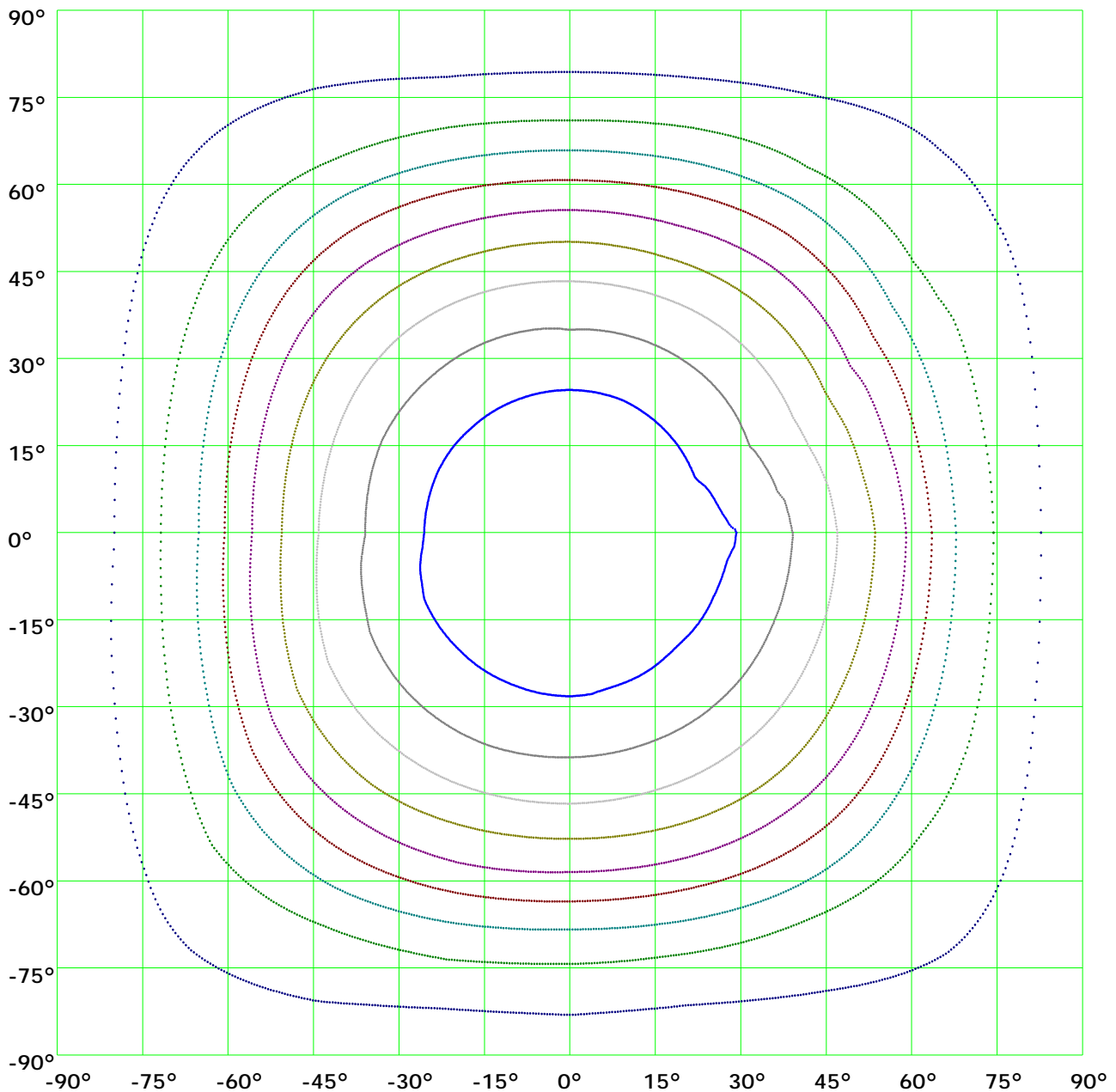
Iso-Candela [cd]



Coefficient Utilization Curve

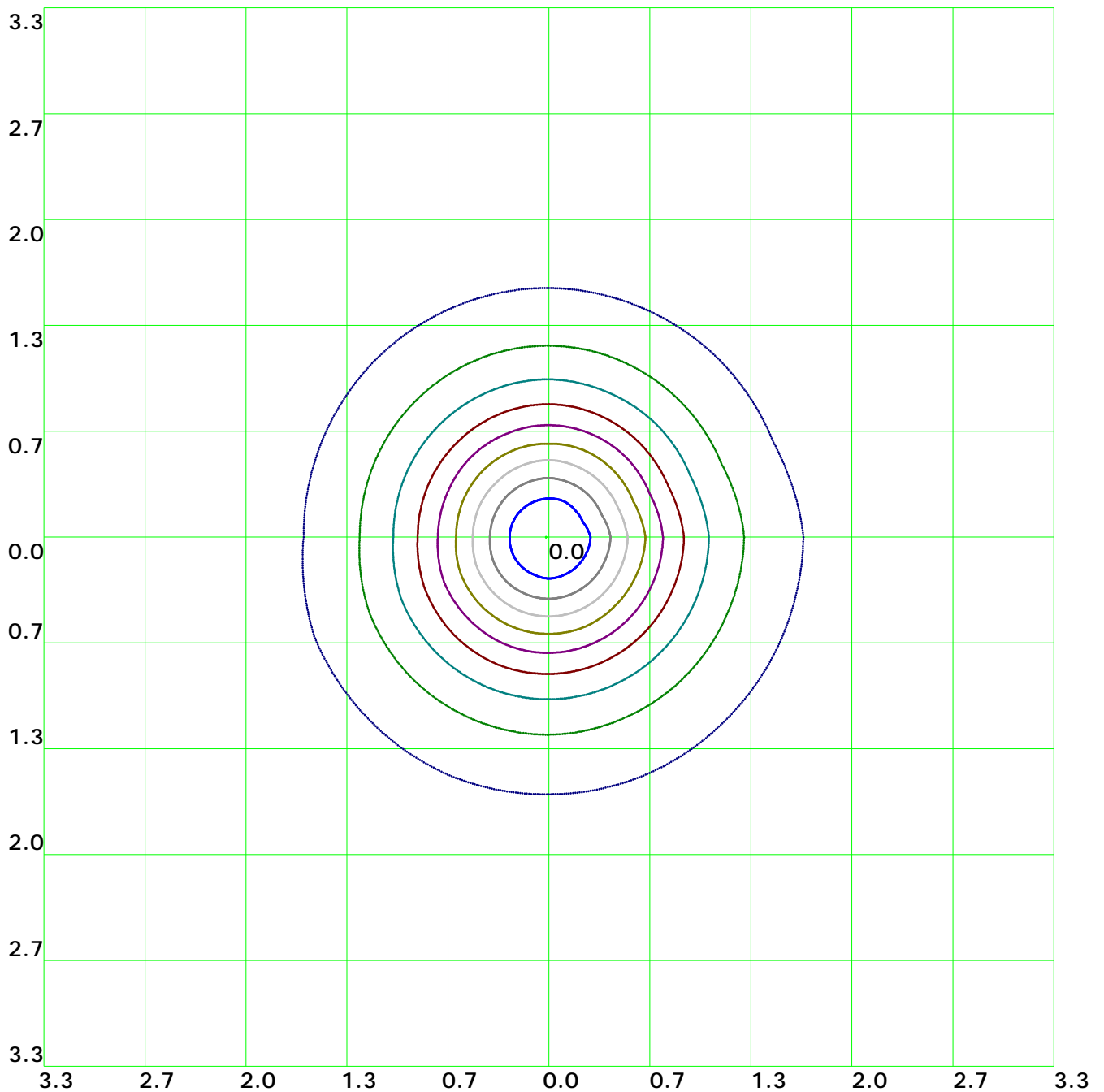


Isocandela(rectangle)



(10%): 2726.9cd (20%): 5453.8cd (30%): 8180.7cd (40%): 10907.6cd
(50%): 13634.5cd (60%): 16361.4cd (70%): 19088.3cd (80%): 21815.2cd
(90%): 24542.1cd (100%): 27269.0cd

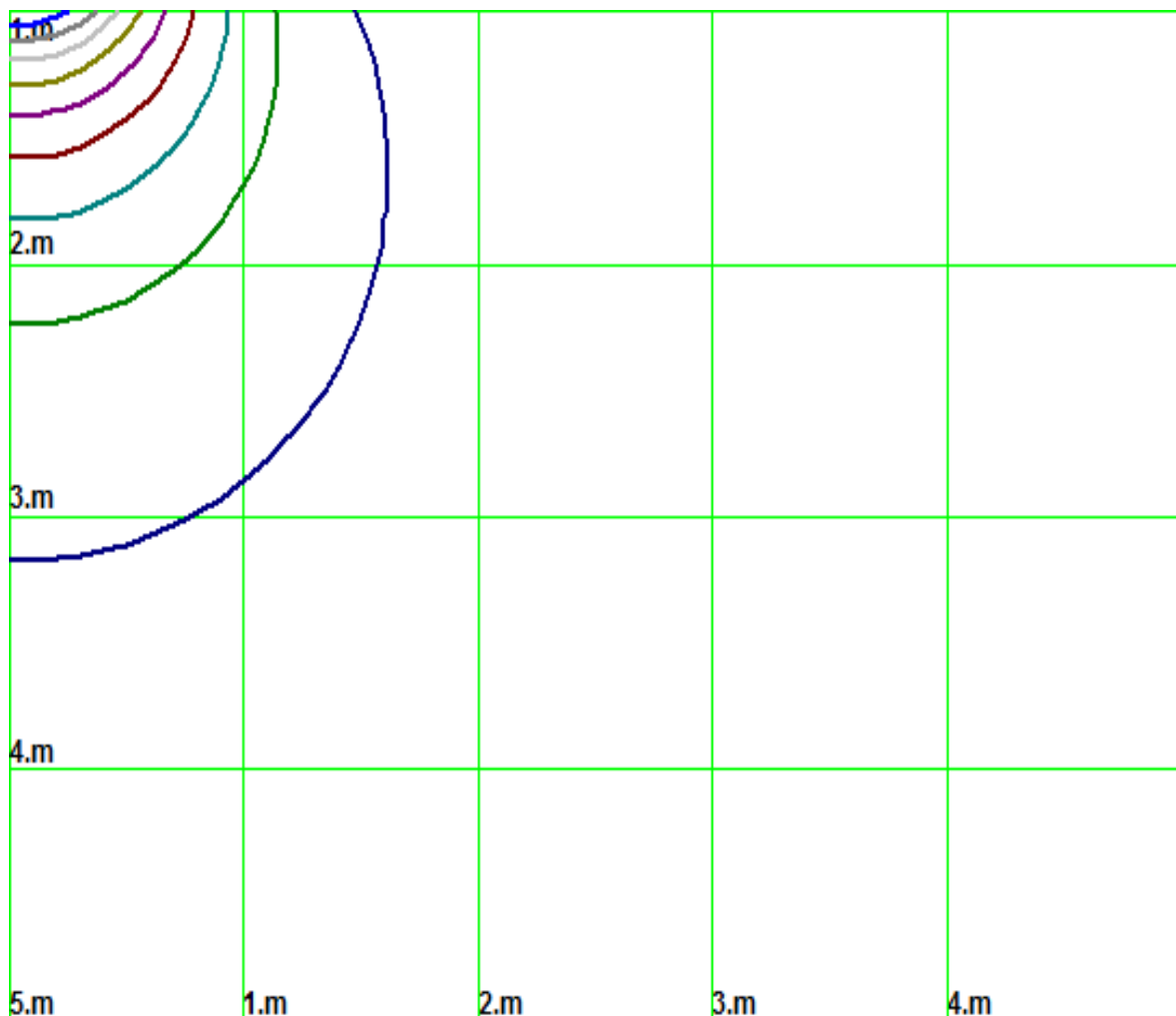
Isolx curve



Height: 1 m

(10%): 2726.9lx (20%): 5453.8lx (30%): 8180.7lx (40%): 10907.6lx
(50%): 13634.5lx (60%): 16361.4lx (70%): 19088.3lx (80%): 21815.2lx
(90%): 24542.1lx (100%): 27241.8lx

Space Isolx Curve



(10%): 2726.9lx (20%): 5453.8lx (30%): 8180.7lx (40%): 10907.6lx
 (50%): 13634.5lx (60%): 16361.4lx (70%): 19088.3lx (80%): 21815.2lx
 (90%): 24542.1lx (100%): 27241.8lx

Luminance Limiting Curve

Diameter: 532mm

Length: 532mm

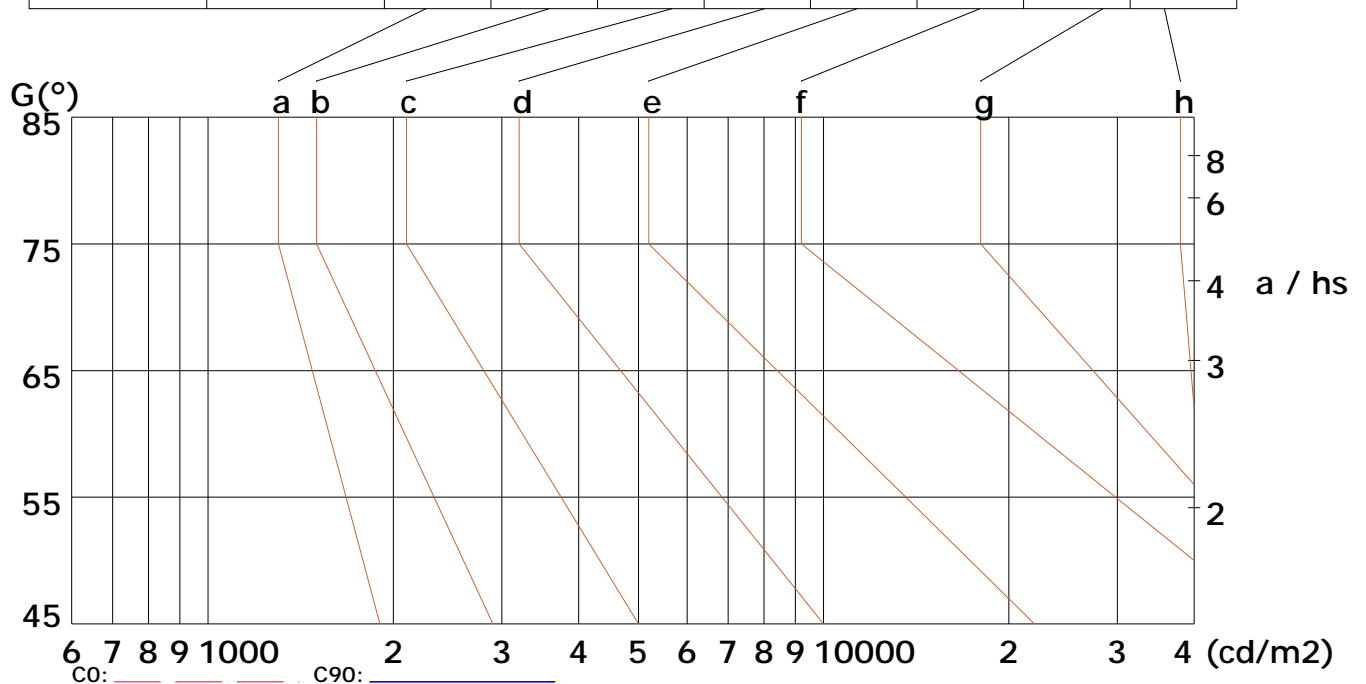
Width: 579mm

Height: 0mm

(cd/m2)

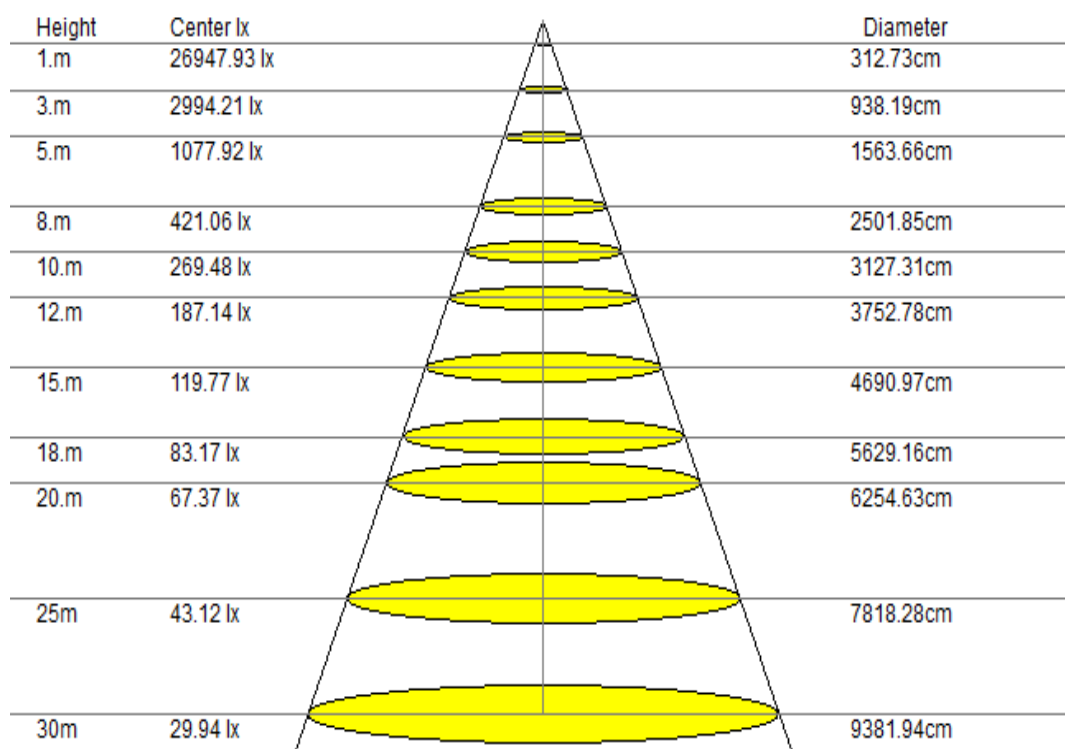
γ	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	651950	639336	611220	573585	521197	443556	392413	363383	306252
C90	702758	689900	668327	651225	588372	497903	419485	472535	518715

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: 114.80° (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	1.04	1.02	1.00	1.02	1.00	0.98	0.99	0.96	0.94	0.94	0.92	0.89	0.88	0.85	0.83	0.78
2	0.88	0.85	0.83	0.87	0.84	0.82	0.85	0.81	0.78	0.82	0.78	0.74	0.77	0.73	0.70	0.65
3	0.75	0.72	0.70	0.75	0.71	0.69	0.74	0.70	0.66	0.72	0.67	0.63	0.69	0.64	0.59	0.55
4	0.65	0.62	0.60	0.65	0.61	0.59	0.65	0.60	0.56	0.64	0.58	0.54	0.62	0.56	0.51	0.47
5	0.57	0.54	0.52	0.57	0.53	0.51	0.58	0.52	0.49	0.57	0.51	0.47	0.56	0.49	0.44	0.40
6	0.50	0.47	0.45	0.51	0.47	0.44	0.51	0.46	0.43	0.51	0.45	0.41	0.51	0.44	0.39	0.35
7	0.44	0.42	0.40	0.45	0.42	0.39	0.46	0.41	0.38	0.47	0.41	0.36	0.46	0.40	0.34	0.31
8	0.40	0.37	0.36	0.41	0.37	0.35	0.42	0.37	0.34	0.43	0.37	0.32	0.43	0.36	0.31	0.28
9	0.36	0.33	0.32	0.37	0.33	0.31	0.38	0.33	0.30	0.39	0.33	0.29	0.39	0.33	0.28	0.25
10	0.33	0.30	0.29	0.34	0.30	0.28	0.35	0.30	0.27	0.36	0.30	0.26	0.37	0.30	0.25	0.22

Indoor Budgetary Estimate Chart

