

Luminaire Property

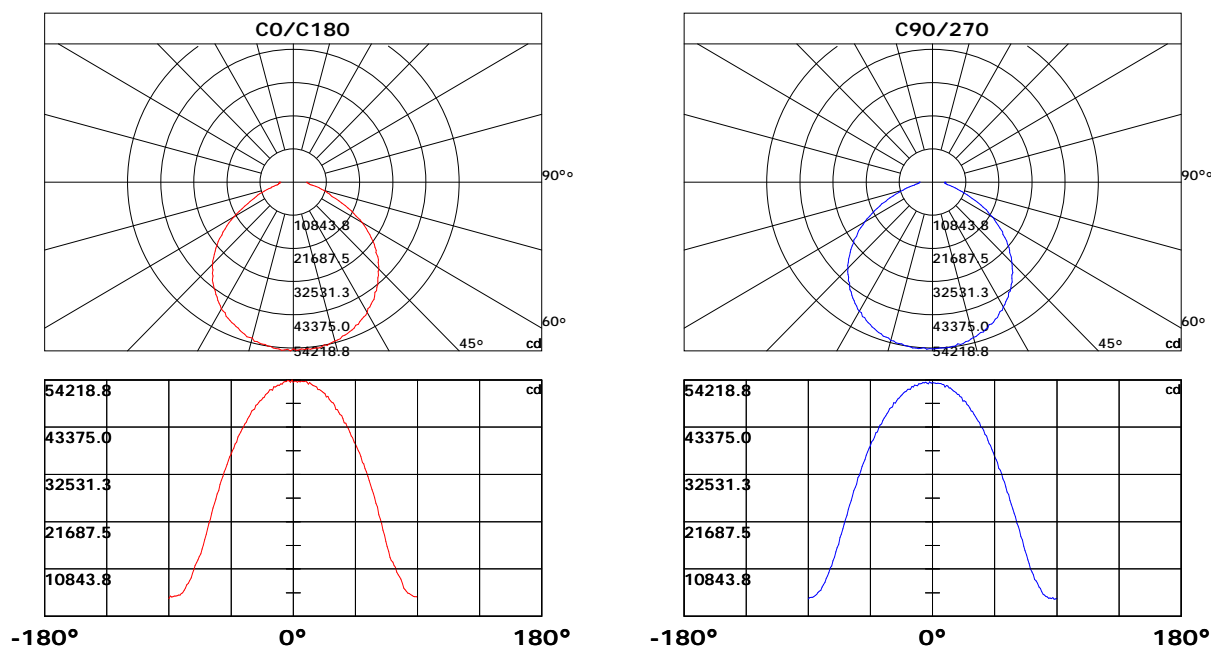
Luminaire Description: T500-960W-120D
Luminaire Category: LED FLOOD LIGHT
Lamp Category:
Lamp Description: CO-T500-960W-120D
Number of Lamp: 1
Lamp Lumens(lm): 158812.2
Luminous Length(m): 0.842
Luminous Width(m): 0.579
Luminous Height(m): 0.199

Voltage: 220.2 V
Current: 3.915 A
Power: 958.1 W
Power Factor: 0.964
Test Lab: Huipu-lab
Photometric Type: Type C
Manufactory:

Photometric Results

CIE Class: Direct
Measurement Flux: 158812.20 lm
Efficiency: 165.7574 lm/W
Central Intensity: 53580.28cd
Max. Intensity: 54218.751cd
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	53580.3	53954.3	53889.0	53632.5	53959.6	53734.5	53985.7	53855.0	53799.8	53943.7
C22.5	53580.3	53190.2	53286.9	53056.9	53339.4	53174.8	53101.5	53062.2	52640.7	52721.9
C45.0	53580.3	53582.7	53538.1	53389.3	53538.1	53381.4	53069.7	53271.5	52899.8	53085.6
C67.5	53580.3	53399.5	53491.3	53551.3	53245.4	53198.2	53245.4	52989.0	52541.4	53138.2
C90.0	53580.3	53559.3	53446.7	53404.8	53452.0	53373.4	53370.8	53156.2	53172.1	52583.3
C112.5	53580.3	53496.6	53467.5	53404.8	53190.2	53305.5	52949.7	53179.6	53028.2	52918.3
C135.0	53580.3	53517.3	53543.4	53488.6	53496.6	53362.8	53308.1	53245.4	53145.7	52986.3
C157.5	53580.3	53687.3	53692.6	53671.8	53538.1	53394.2	53423.3	53001.8	53240.1	53104.2
C180.0	53580.3	54218.8	53708.5	53938.4	54132.2	53789.7	53784.4	53635.2	53258.2	53339.4
C202.5	53580.3	53357.5	53352.7	53373.4	53336.8	53404.8	53381.4	53373.4	53268.8	53218.9
C225.0	53580.3	53470.1	53705.8	53378.7	53467.5	53187.6	53781.7	53376.1	53313.4	53444.1
C247.5	53580.3	53703.2	53370.8	53195.5	53611.4	53386.7	53535.9	53504.1	53462.6	53588.0
C270.0	53580.3	53472.7	53734.5	53260.9	53470.1	53666.5	53522.6	53611.4	53378.7	53350.0
C292.5	53580.3	53480.7	53449.4	53444.1	53543.4	53501.9	53522.6	53111.7	53350.0	53028.2
C315.0	53580.3	53274.1	53496.6	53179.6	53585.3	53580.0	53556.6	53682.4	53190.2	53336.8
C337.5	53580.3	53682.4	53632.5	53705.8	53697.9	53705.8	53438.8	53522.6	53357.5	53418.0
C360.0	53580.3	53954.3	53889.0	53632.5	53959.6	53734.5	53985.7	53855.0	53799.8	53943.7
C\G	G10.0	G11.0	G12.0	G13.0	G14.0	G15.0	G16.0	G17.0	G18.0	G19.0
C0.0	53677.1	53216.3	53603.8	53203.5	53041.0	52837.1	52727.2	52606.7	52020.5	52015.6
C22.5	52478.7	52402.7	52219.6	52007.7	51489.4	51460.8	51010.5	51041.8	50722.7	50453.4
C45.0	52583.3	52551.9	52250.9	52023.1	52007.7	51701.3	51413.5	51285.5	50777.9	50390.3
C67.5	52313.6	52564.7	52570.0	52219.6	51730.0	51949.9	51188.4	51133.7	50751.8	50518.8
C90.0	52910.4	52811.1	52334.8	52355.5	51991.8	51691.2	51573.3	51238.3	50871.9	50900.6
C112.5	52690.6	52585.9	52368.8	52193.5	52086.2	51808.6	51554.8	51110.3	50969.0	50668.0
C135.0	52402.7	52575.3	52465.4	52295.5	52104.3	51892.5	51727.8	51400.7	51081.1	50793.3
C157.5	53017.6	52797.8	52758.5	52397.5	52279.6	52067.7	51787.8	51476.2	51091.7	50958.4
C180.0	52939.1	53004.4	52823.9	52593.9	52653.9	51808.6	51949.9	51921.2	51382.2	51099.7
C202.5	52784.6	52915.7	52745.3	52680.0	52541.4	52389.5	52201.0	51983.8	51730.0	51552.1
C225.0	53294.9	53069.7	53132.9	52698.5	52719.2	52470.7	52402.7	52015.6	51562.7	51801.1
C247.5	53132.9	53114.3	53109.0	52648.6	52761.2	52593.9	52122.9	52214.3	51683.2	51596.7
C270.0	53274.1	52889.2	52959.8	52986.3	52609.3	52701.1	52059.8	52039.0	52065.1	51594.1
C292.5	53164.2	53062.2	52947.0	52753.2	52596.5	52439.4	52334.8	51876.6	51795.8	51544.6
C315.0	53028.2	53093.6	52923.2	52797.8	52306.1	52423.5	51971.0	52036.4	51777.3	51583.9
C337.5	53357.5	53206.1	53043.7	52936.4	52800.5	52557.2	52405.4	52104.3	51981.6	51683.2
C360.0	53677.1	53216.3	53603.8	53203.5	53041.0	52837.1	52727.2	52606.7	52020.5	52015.6
C\G	G20.0	G21.0	G22.0	G23.0	G24.0	G25.0	G26.0	G27.0	G28.0	G29.0
C0.0	51785.2	51471.3	51274.9	51000.4	50312.2	50434.9	49786.0	49443.5	49043.1	48914.6
C22.5	50388.1	49553.4	49537.5	49289.0	48713.4	48336.4	47896.7	47174.6	46994.0	46259.1
C45.0	50482.1	49778.1	49681.4	49108.4	48849.3	48326.2	47713.5	47622.2	47182.5	46580.9
C67.5	50191.7	49681.4	49922.0	49043.1	49016.6	48608.7	48048.6	47619.5	47311.0	46580.9
C90.0	50364.3	50220.4	49341.1	49443.5	49187.0	48522.2	48357.6	47732.1	47083.2	47004.6

Light intensity data Unit[cd]

C112.5	50463.6	50089.7	49796.6	49377.7	49003.8	48655.5	48223.8	47891.9	47365.7	46947.2
C135.0	50555.4	50141.8	49883.1	49179.1	49087.2	48710.7	48294.4	47886.6	47572.3	47271.7
C157.5	50327.6	50374.9	50027.0	49694.6	49255.0	48953.9	48470.1	48095.8	47690.1	47177.2
C180.0	50827.3	50233.6	50065.9	49621.4	49404.2	49053.3	48598.1	48373.0	47517.6	47355.1
C202.5	51356.1	50997.7	50783.2	50165.6	50084.4	49582.1	49432.9	49123.9	48739.4	48263.1
C225.0	51308.9	51099.7	50955.8	50484.8	50000.5	50047.8	49325.6	49082.4	48687.3	48399.5
C247.5	51416.2	50634.0	51110.3	50722.7	50053.1	49935.2	49749.4	49448.8	48734.1	48289.6
C270.0	51468.7	51151.8	50798.6	50521.4	50065.9	49869.9	49440.8	48886.0	48967.2	48011.9
C292.5	51227.7	50969.0	50461.4	50369.6	50039.8	49744.1	49351.7	49011.8	48519.6	48189.8
C315.0	51261.7	50819.8	50694.0	50202.3	50013.8	49773.2	49380.3	48724.0	48498.8	47800.1
C337.5	51311.6	50947.8	50743.9	50521.4	50121.0	49778.1	49367.5	49032.5	48425.6	48245.0
C360.0	51785.2	51471.3	51274.9	51000.4	50312.2	50434.9	49786.0	49443.5	49043.1	48914.6
C\G	G30.0	G31.0	G32.0	G33.0	G34.0	G35.0	G36.0	G37.0	G38.0	G39.0
C0.0	48370.4	47475.6	47360.4	46758.7	46279.8	46012.7	45322.4	44330.5	44265.2	43443.2
C22.5	46065.3	45526.3	45055.3	44461.2	43597.7	43218.6	42535.7	42111.5	41557.1	40756.3
C45.0	46227.7	45230.6	45249.1	44715.0	43838.8	43595.1	42676.9	42032.9	41637.8	40649.1
C67.5	46078.5	45638.9	45136.5	44576.4	43765.5	43639.7	42713.6	42239.9	41779.1	40996.9
C90.0	46266.6	45803.5	45277.8	44725.6	44393.2	43357.2	43202.7	42579.8	41701.0	41334.6
C112.5	46376.5	45916.1	45178.5	44880.1	44417.0	43822.9	43084.8	42593.1	41910.2	41245.4
C135.0	46536.3	46036.6	45586.3	45123.3	44427.2	43885.5	43095.4	42647.8	42012.2	41444.5
C157.5	46682.8	46151.8	45696.3	44798.8	44691.6	44079.3	43516.5	42838.9	42344.5	41664.3
C180.0	47054.5	46305.9	45814.1	45267.2	44516.3	44071.4	43307.3	42925.5	42297.3	41640.5
C202.5	47891.9	47439.0	46944.6	46575.6	45997.3	45570.9	44683.6	44356.5	43621.6	43174.0
C225.0	47902.0	47305.7	47345.0	46455.1	46172.5	45724.9	45118.0	44398.5	44173.4	43176.6
C247.5	47985.9	47546.2	46973.3	46949.9	45576.2	45510.4	45170.5	44333.1	44228.5	43333.3
C270.0	47865.4	47554.2	46934.0	46510.2	45981.4	45458.3	44963.5	44147.3	43870.1	43160.7
C292.5	47703.4	47297.7	46847.5	46355.7	45754.1	45076.1	44730.9	44168.1	43623.8	43006.7
C315.0	47870.7	47224.4	46782.1	46319.1	45615.0	45220.0	44487.6	44152.6	43550.5	42974.9
C337.5	47784.6	47405.0	46866.0	46332.3	45738.2	45287.9	44788.2	44244.0	43728.8	43038.0
C360.0	48370.4	47475.6	47360.4	46758.7	46279.8	46012.7	45322.4	44330.5	44265.2	43443.2
C\G	G40.0	G41.0	G42.0	G43.0	G44.0	G45.0	G46.0	G47.0	G48.0	G49.0
C0.0	43019.5	42179.5	41376.5	40949.7	39971.0	39521.2	38885.1	37938.3	37459.4	36637.9
C22.5	39753.9	39518.6	38521.4	38150.2	37179.5	36543.4	35936.5	34745.9	33966.0	33265.0
C45.0	40209.4	39688.5	38801.7	38147.5	36927.9	36574.7	35847.3	34724.8	34191.1	33060.6
C67.5	40065.5	39641.3	38474.6	38045.6	37278.8	36551.4	35680.0	34811.3	34222.4	33126.4
C90.0	40355.9	39570.7	39217.5	38170.9	37485.4	36663.9	35907.8	35271.7	33955.8	33463.6
C112.5	40654.4	39871.7	39160.1	38448.1	37679.2	36661.3	36027.8	35303.0	34502.7	33528.9
C135.0	40719.7	40070.8	39377.3	38623.8	37846.5	37113.7	36294.9	35436.8	34701.4	33610.2
C157.5	40900.2	40316.7	39560.5	38861.7	37752.5	37216.1	36085.7	35672.0	34845.3	34002.6
C180.0	41124.9	39929.5	39497.4	38519.2	38037.6	37226.3	36546.1	35646.0	34827.2	33793.4
C202.5	42684.4	42101.3	41392.0	40677.7	40013.0	39353.5	38678.6	37901.7	37072.2	36009.7
C225.0	42681.8	42056.7	41459.9	40737.8	39900.4	39597.2	38299.4	37804.5	37310.2	36276.3

Light intensity data Unit[cd]

C247.5	42820.8	42360.0	40701.1	41010.1	40023.6	39414.0	38809.2	37624.0	36977.8	36250.3
C270.0	42255.4	42046.1	41090.9	40476.0	40031.5	39162.8	38573.9	37652.7	36909.8	35915.3
C292.5	42464.6	41690.4	41054.3	40227.5	39693.8	38875.0	38212.9	37346.8	36373.5	35826.5
C315.0	42289.4	41640.5	40913.0	40463.2	39583.9	38901.0	38089.7	36920.4	36493.5	35436.8
C337.5	42375.9	41549.1	41224.7	40491.9	39811.7	39026.4	38272.9	37496.0	36723.9	35970.4
C360.0	43019.5	42179.5	41376.5	40949.7	39971.0	39521.2	38885.1	37938.3	37459.4	36637.9
C\G	G50.0	G51.0	G52.0	G53.0	G54.0	G55.0	G56.0	G57.0	G58.0	G59.0
C0.0	35269.0	34915.9	33866.6	33199.6	32084.6	31169.1	30213.9	28989.4	28238.5	27170.7
C22.5	32210.4	31409.7	30363.1	29164.6	28411.1	27144.7	26495.8	25281.5	24332.0	23303.5
C45.0	32218.4	31205.8	30266.4	29525.7	28400.5	27455.9	26645.0	25088.1	24533.2	23549.3
C67.5	32236.5	31325.8	30475.6	29460.4	28568.3	27319.9	26490.5	25577.2	24462.6	23397.5
C90.0	32684.1	31545.6	30784.2	29680.2	28487.0	27882.3	26600.4	25703.0	24598.6	23672.5
C112.5	32686.7	31752.7	30839.4	30051.9	28952.7	27903.5	26613.7	25880.9	24739.8	23803.1
C135.0	32856.7	31969.9	31069.4	30237.3	29172.6	28149.4	27100.1	26144.9	25080.2	24012.4
C157.5	32958.6	32171.1	31187.2	30234.6	29274.5	28180.7	27147.3	25914.9	24991.0	23638.5
C180.0	33079.1	32071.8	31142.6	30232.4	28856.1	28078.7	26856.9	25969.6	24841.8	23683.1
C202.5	35381.6	34382.2	33743.5	32812.1	31906.7	30983.3	30056.7	28989.4	27950.7	26875.0
C225.0	35407.6	34413.6	33531.6	32851.4	31909.4	30970.0	29954.8	28780.1	28309.2	26835.7
C247.5	35235.0	34350.9	33424.3	32469.5	31393.8	30842.0	30098.7	28936.9	28303.9	27066.1
C270.0	35146.3	34337.6	33361.7	32223.2	31810.1	30321.1	29567.6	28795.6	27610.4	26511.2
C292.5	34973.3	34125.7	33285.7	32375.1	31396.4	30567.0	29376.5	28481.8	27534.5	26461.8
C315.0	34895.1	33984.5	33110.5	32511.5	31093.2	30205.9	29376.5	28309.2	27414.0	26244.6
C337.5	35127.8	34235.7	33450.8	32521.6	31310.4	30724.2	29643.6	28680.4	27647.0	26529.8
C360.0	35269.0	34915.9	33866.6	33199.6	32084.6	31169.1	30213.9	28989.4	28238.5	27170.7
C\G	G60.0	G61.0	G62.0	G63.0	G64.0	G65.0	G66.0	G67.0	G68.0	G69.0
C0.0	25896.4	25051.5	23280.1	22288.2	21215.5	19776.1	18617.3	17185.8	16042.5	14859.5
C22.5	21916.5	20658.0	19758.0	18321.6	17167.7	15817.4	14579.7	13679.6	12392.4	11657.0
C45.0	22228.2	21408.9	20006.5	18774.0	17677.6	16599.6	15513.7	14333.8	13213.9	12355.8
C67.5	22272.3	21476.9	20289.0	19250.3	18164.4	17180.5	16008.5	14943.4	13632.4	12839.6
C90.0	22809.1	21294.1	20626.7	19658.6	18324.2	17518.2	16123.3	15061.3	14043.3	12980.8
C112.5	22798.5	21733.3	20561.3	19580.1	18407.7	17245.8	16233.2	15199.9	14129.9	13075.3
C135.0	22848.3	21921.8	20632.0	19509.4	18227.1	17332.4	16209.8	15069.2	13896.8	12800.3
C157.5	22683.3	21623.4	20477.5	19213.7	18109.7	16921.4	15689.0	14663.5	13580.3	12740.3
C180.0	22311.6	21259.7	20037.8	18792.6	17599.4	16421.7	15443.1	14351.9	13711.0	12954.8
C202.5	25846.9	24721.7	23562.6	22314.2	21024.4	20061.7	18842.0	17554.8	16552.8	15401.1
C225.0	25854.9	25088.1	23803.1	22623.2	21411.5	20352.1	19315.7	18138.4	17015.9	15945.4
C247.5	25417.9	24849.7	24028.3	22489.5	21547.9	20488.1	19302.9	18229.8	17002.6	16005.9
C270.0	25491.1	24561.9	23246.1	22194.2	21199.6	20032.5	18763.4	18062.5	16552.8	15736.2
C292.5	25334.0	24078.1	23316.7	22102.3	21003.7	19896.6	18753.3	17512.9	16664.9	15440.4
C315.0	24980.8	24195.6	22892.5	21997.7	20888.4	19810.5	18656.2	17400.3	16319.7	15225.9
C337.5	25305.3	24336.8	23253.6	22031.7	20867.3	19703.2	18394.9	16973.9	15924.7	14658.2
C360.0	25896.4	25051.5	23280.1	22288.2	21215.5	19776.1	18617.3	17185.8	16042.5	14859.5

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	13543.7	12826.8	12444.5	11635.8	11259.3	10186.2	9487.9	9090.2	8551.2	7530.6
C22.5	10945.5	10218.0	9890.9	9310.0	8420.1	8341.5	7590.7	6439.4	5921.2	5827.2
C45.0	10926.9	10511.1	9634.4	8490.7	7857.7	7355.4	6787.3	6151.6	6055.0	5505.4
C67.5	11939.5	11086.7	10068.8	9362.1	8428.0	7860.4	6967.8	6382.1	5984.3	5542.0
C90.0	12065.3	10882.3	10196.8	9529.8	8459.4	8077.5	7580.5	6737.8	6389.6	5670.0
C112.5	12203.9	11010.8	10361.9	9495.8	8857.1	8030.3	7284.8	6526.0	6081.0	5542.0
C135.0	11947.5	10866.9	10024.2	9150.2	8477.9	7679.8	7125.0	6693.3	6269.5	5881.9
C157.5	11696.3	11246.1	10401.2	9825.1	9113.6	8407.3	7598.6	6894.5	6714.0	5806.4
C180.0	12347.8	11607.1	10633.8	9888.3	8849.1	8192.8	7562.0	7185.0	6460.2	5923.9
C202.5	14215.9	13232.0	12371.2	11756.3	11104.8	10356.6	9493.2	8731.7	8082.8	7496.6
C225.0	14524.9	13724.2	12463.1	11479.1	10811.7	9754.5	8922.4	8184.8	7562.0	7200.9
C247.5	15144.7	14174.0	13226.7	11730.3	11327.3	10636.5	9668.4	8519.8	7868.3	6991.7
C270.0	14799.5	13595.7	12748.2	11515.8	11194.0	9984.9	9273.4	8639.9	7841.8	7224.3
C292.5	14451.7	13428.4	12455.1	11487.1	10461.2	10081.6	9040.3	8255.4	7643.2	7151.0
C315.0	14027.4	12934.1	11861.0	10584.4	10003.5	9019.5	8556.5	7719.1	7394.7	6782.4
C337.5	13711.0	12559.7	11665.0	10853.6	10497.9	9618.5	9205.4	8551.2	8242.2	7703.2
C360.0	13543.7	12826.8	12444.5	11635.8	11259.3	10186.2	9487.9	9090.2	8551.2	7530.6
C\G	G80.0	G81.0	G82.0	G83.0	G84.0	G85.0	G86.0	G87.0	G88.0	G89.0
C0.0	6526.0	6135.7	5756.6	5298.8	5222.9	4981.9	4796.0	4560.8	4503.4	4532.1
C22.5	5484.2	4869.3	4759.4	4634.0	4563.4	4474.2	4474.2	4628.7	4372.3	4359.5
C45.0	5241.0	4861.8	4657.4	4354.2	4613.3	4665.4	4393.5	4239.0	4257.1	4239.0
C67.5	4997.8	4759.4	4518.8	4251.8	4254.4	4115.8	4100.4	4087.1	4173.6	4194.4
C90.0	5018.5	4822.5	4584.1	4390.8	4110.5	4202.3	4076.5	4244.3	3932.6	4019.1
C112.5	5214.9	4783.2	4448.2	4312.2	4123.7	4314.9	4246.9	4241.6	4066.4	4013.8
C135.0	5633.4	5157.1	4843.3	4657.4	4537.4	4372.3	4474.2	4309.6	4346.2	4408.9
C157.5	5476.7	5162.4	4955.8	4788.5	4654.8	4574.0	4532.1	4492.8	4422.1	4476.9
C180.0	5395.5	5269.7	4819.9	4856.5	4722.8	4647.3	4602.7	4482.2	4403.6	4623.4
C202.5	6876.4	6473.4	5827.2	5372.1	5000.4	4898.4	4754.5	4592.1	4354.2	4492.8
C225.0	6481.4	6060.3	5939.7	5554.8	5183.6	4848.6	4649.9	4411.6	4450.8	4398.3
C247.5	6450.0	5853.2	5769.8	5173.0	5008.4	4835.3	4532.1	4351.5	4322.8	4351.5
C270.0	6721.9	5950.3	5751.3	5452.9	5003.1	4777.9	4524.1	4374.9	4351.5	4288.4
C292.5	6473.4	6133.5	5382.2	5029.1	4856.5	4822.5	4325.0	4351.5	4246.9	4160.4
C315.0	6094.2	5960.5	5471.4	5201.7	5021.2	4529.4	4649.9	4380.2	4066.4	4291.0
C337.5	6444.7	6015.7	5709.3	5421.5	5173.0	4895.8	4725.4	4576.6	4712.6	4532.1
C360.0	6526.0	6135.7	5756.6	5298.8	5222.9	4981.9	4796.0	4560.8	4503.4	4532.1
C\G	G90.0									
C0.0	4408.9									
C22.5	4317.5									
C45.0	4306.9									
C67.5	4220.4									
C90.0	4087.1									

Light intensity data Unit[cd]

C112.5	4163.0									
C135.0	4257.1									
C157.5	4340.9									
C180.0	4053.1									
C202.5	4510.9									
C225.0	4186.4									
C247.5	4314.9									
C270.0	3969.2									
C292.5	4160.4									
C315.0	4262.4									
C337.5	4411.6									
C360.0	4408.9									

Zonal Luminous Flux Data

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
0.0	53580.29	0.00	0.00	0.00	0.00
0.0-1.0	53565.43	51.27	51.27	0.03	0.03
1.0-2.0	53550.38	153.74	205.01	0.10	0.13
2.0-3.0	53442.30	255.89	460.90	0.16	0.29
3.0-4.0	53537.75	358.10	819.00	0.23	0.52
4.0-5.0	53446.73	460.24	1279.24	0.29	0.81
5.0-6.0	53436.14	561.70	1840.94	0.35	1.16
6.0-7.0	53348.60	662.81	2503.75	0.42	1.58
7.0-8.0	53190.47	762.48	3266.23	0.48	2.06
8.0-9.0	53200.31	862.24	4128.47	0.54	2.60
9.0-10.0	52940.59	960.54	5089.00	0.60	3.20
10.0-11.0	52866.32	1057.23	6146.23	0.67	3.87
11.0-12.0	52766.04	1154.71	7300.94	0.73	4.60
12.0-13.0	52549.41	1249.83	8550.77	0.79	5.38
13.0-14.0	52357.38	1342.80	9893.57	0.85	6.23
14.0-15.0	52174.56	1435.06	11328.63	0.90	7.13
15.0-16.0	51901.93	1525.01	12853.65	0.96	8.09
16.0-17.0	51717.77	1613.64	14467.28	1.02	9.11
17.0-18.0	51391.54	1700.05	16167.33	1.07	10.18
18.0-19.0	51197.12	1784.83	17952.17	1.12	11.30
19.0-20.0	50921.01	1869.05	19821.21	1.18	12.48
20.0-21.0	50510.27	1947.69	21768.89	1.23	13.71
21.0-22.0	50317.29	2026.17	23795.06	1.28	14.98
22.0-23.0	49921.55	2103.28	25898.35	1.32	16.31
23.0-24.0	49575.45	2175.36	28073.71	1.37	17.68
24.0-25.0	49270.76	2247.55	30321.25	1.42	19.09
25.0-26.0	48839.82	2315.91	32637.16	1.46	20.55
26.0-27.0	48446.77	2380.14	35017.30	1.50	22.05
27.0-28.0	48020.72	2442.35	37459.65	1.54	23.59
28.0-29.0	47580.64	2501.20	39960.85	1.57	25.16
29.0-30.0	47166.40	2558.15	42519.00	1.61	26.77
30.0-31.0	46616.09	2609.83	45128.83	1.64	28.42
31.0-32.0	46190.42	2658.80	47787.63	1.67	30.09
32.0-33.0	45675.26	2706.40	50494.04	1.70	31.79
33.0-34.0	45047.61	2745.54	53239.58	1.73	33.52
34.0-35.0	44595.68	2783.99	56023.57	1.75	35.28
35.0-36.0	43962.35	2819.71	58843.27	1.78	37.05
36.0-37.0	43381.25	2848.66	61691.93	1.79	38.85
37.0-38.0	42893.81	2879.75	64571.68	1.81	40.66
38.0-39.0	42189.94	2904.14	67475.80	1.83	42.49
39.0-40.0	41523.48	2919.63	70395.45	1.84	44.33

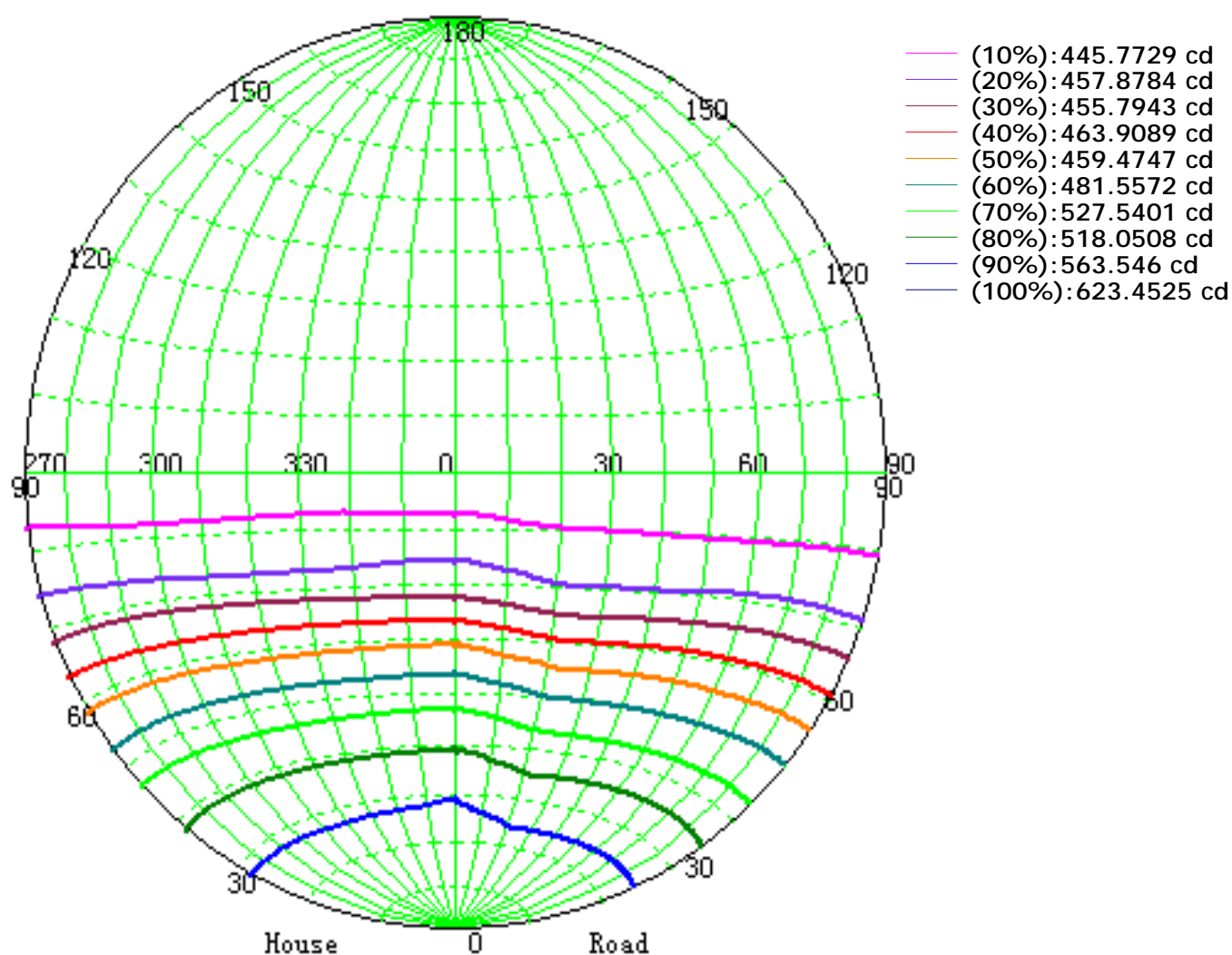
Zonal Luminous Flux Data

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
40.0-41.0	40889.46	2934.69	73330.16	1.85	46.17
41.0-42.0	40113.94	2943.00	76273.14	1.85	48.03
42.0-43.0	39500.06	2949.13	79222.28	1.86	49.88
43.0-44.0	38701.02	2951.53	82173.80	1.86	51.74
44.0-45.0	38025.11	2948.67	85122.47	1.86	53.60
45.0-46.0	37259.22	2944.21	88066.66	1.85	55.45
46.0-47.0	36393.49	2929.36	90996.02	1.84	57.30
47.0-48.0	35658.25	2912.71	93908.73	1.83	59.13
48.0-49.0	34760.87	2891.80	96800.52	1.82	60.95
49.0-50.0	33897.89	2862.62	99663.14	1.80	62.76
50.0-51.0	33012.41	2830.88	102494.00	1.78	64.54
51.0-52.0	32118.91	2794.83	105288.80	1.76	66.30
52.0-53.0	31221.95	2755.32	108044.20	1.73	68.03
53.0-54.0	30189.22	2706.75	110750.90	1.70	69.74
54.0-55.0	29243.61	2652.98	113403.90	1.67	71.41
55.0-56.0	28264.88	2598.65	116002.60	1.64	73.04
56.0-57.0	27220.17	2536.91	118539.50	1.60	74.64
57.0-58.0	26286.71	2474.35	121013.80	1.56	76.20
58.0-59.0	25172.18	2405.74	123419.60	1.51	77.71
59.0-60.0	23999.68	2323.05	125742.60	1.46	79.18
60.0-61.0	23016.22	2243.69	127986.30	1.41	80.59
61.0-62.0	21860.73	2162.44	130148.70	1.36	81.95
62.0-63.0	20696.34	2069.77	132218.50	1.30	83.25
63.0-64.0	19552.26	1974.98	134193.40	1.24	84.50
64.0-65.0	18447.36	1880.57	136074.00	1.18	85.68
65.0-66.0	17277.87	1782.46	137856.50	1.12	86.80
66.0-67.0	16147.56	1680.73	139537.20	1.06	87.86
67.0-68.0	15042.25	1579.97	141117.20	0.99	88.86
68.0-69.0	14042.29	1483.75	142600.90	0.93	89.79
69.0-70.0	13030.72	1390.42	143991.30	0.88	90.67
70.0-71.0	12119.00	1299.87	145291.20	0.82	91.49
71.0-72.0	11277.93	1216.57	146507.80	0.77	92.25
72.0-73.0	10380.91	1132.60	147640.40	0.71	92.97
73.0-74.0	9695.16	1055.45	148695.90	0.66	93.63
74.0-75.0	8973.96	986.41	149682.30	0.62	94.25
75.0-76.0	8259.00	914.79	150597.10	0.58	94.83
76.0-77.0	7543.87	842.54	151439.60	0.53	95.36
77.0-78.0	7066.31	782.09	152221.70	0.49	95.85
78.0-79.0	6486.23	728.17	152949.90	0.46	96.31
79.0-80.0	5908.13	668.21	153618.10	0.42	96.73
80.0-81.0	5516.76	617.84	154235.90	0.39	97.12

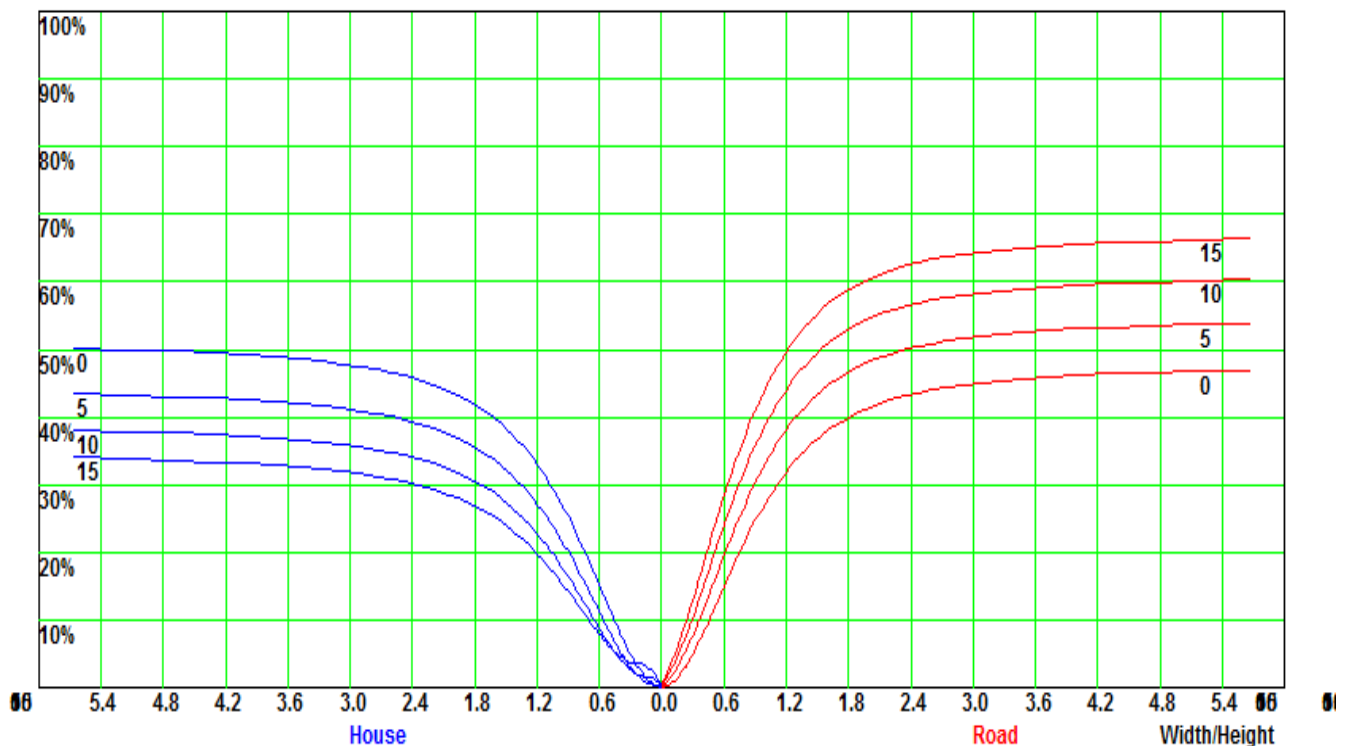
Zonal Luminous Flux Data

[illegible]

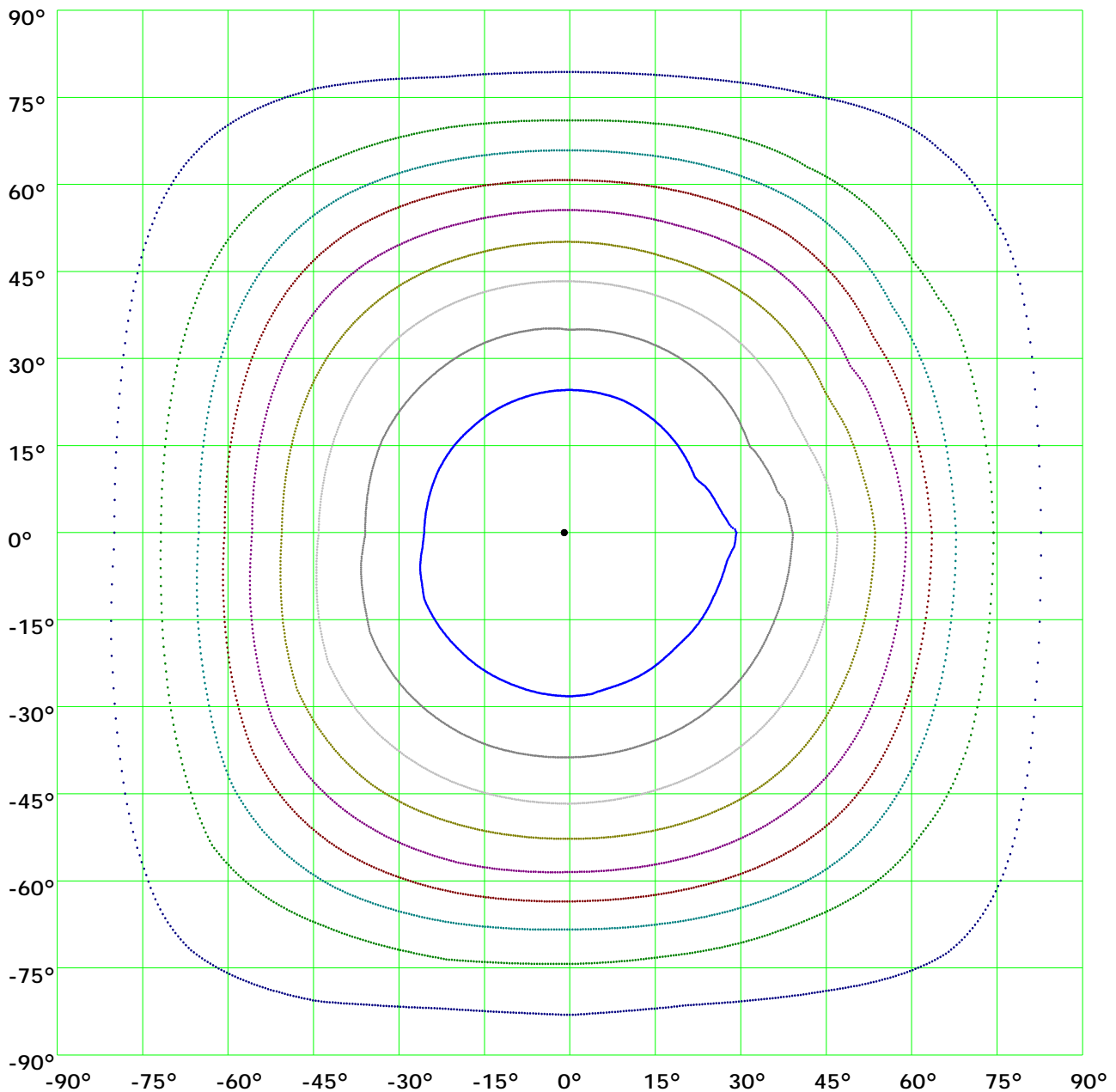
Iso-Candela [cd]



Coefficient Utilization Curve

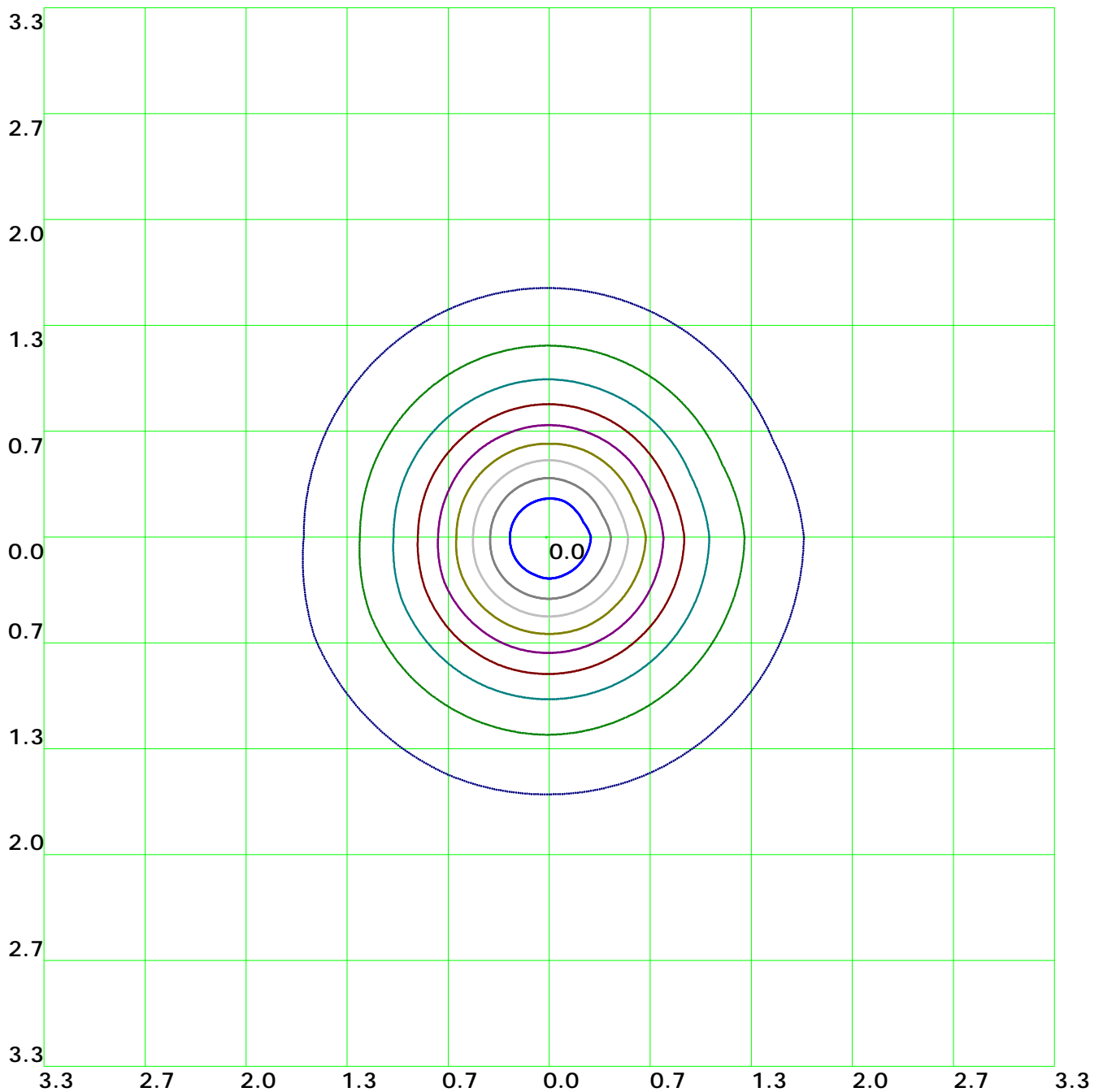


Isocandela(rectangle)



(10%): 5421.9cd (20%): 10843.8cd (30%): 16265.6cd (40%): 21687.5cd
(50%): 27109.4cd (60%): 32531.3cd (70%): 37953.1cd (80%): 43375.cd
(90%): 48796.9cd (100%): 54218.8cd

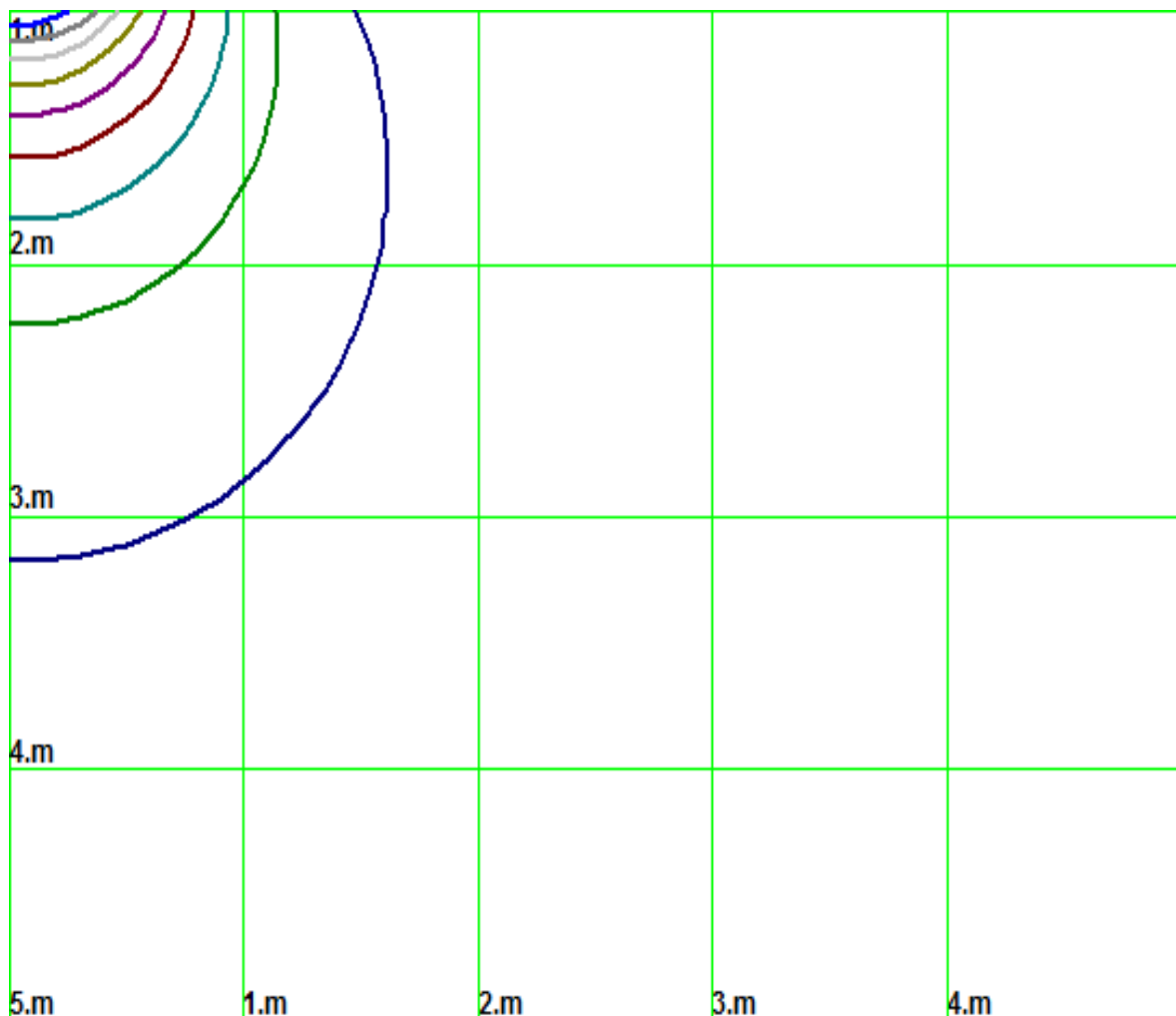
Isolx curve



Height: 1 m

(10%): 5421.9lx (20%): 10843.8lx (30%): 16265.6lx (40%): 21687.5lx
 (50%): 27109.4lx (60%): 32531.3lx (70%): 37953.1lx (80%): 43375.1lx
 (90%): 48796.9lx (100%): 54164.5lx

Space Isolx Curve



(10%): 5421.9lx (20%): 10843.8lx (30%): 16265.6lx (40%): 21687.5lx
 (50%): 27109.4lx (60%): 32531.3lx (70%): 37953.1lx (80%): 43375.1lx
 (90%): 48796.9lx (100%): 54164.5lx

Luminance Limiting Curve

Diameter: 842mm

Length: 842mm

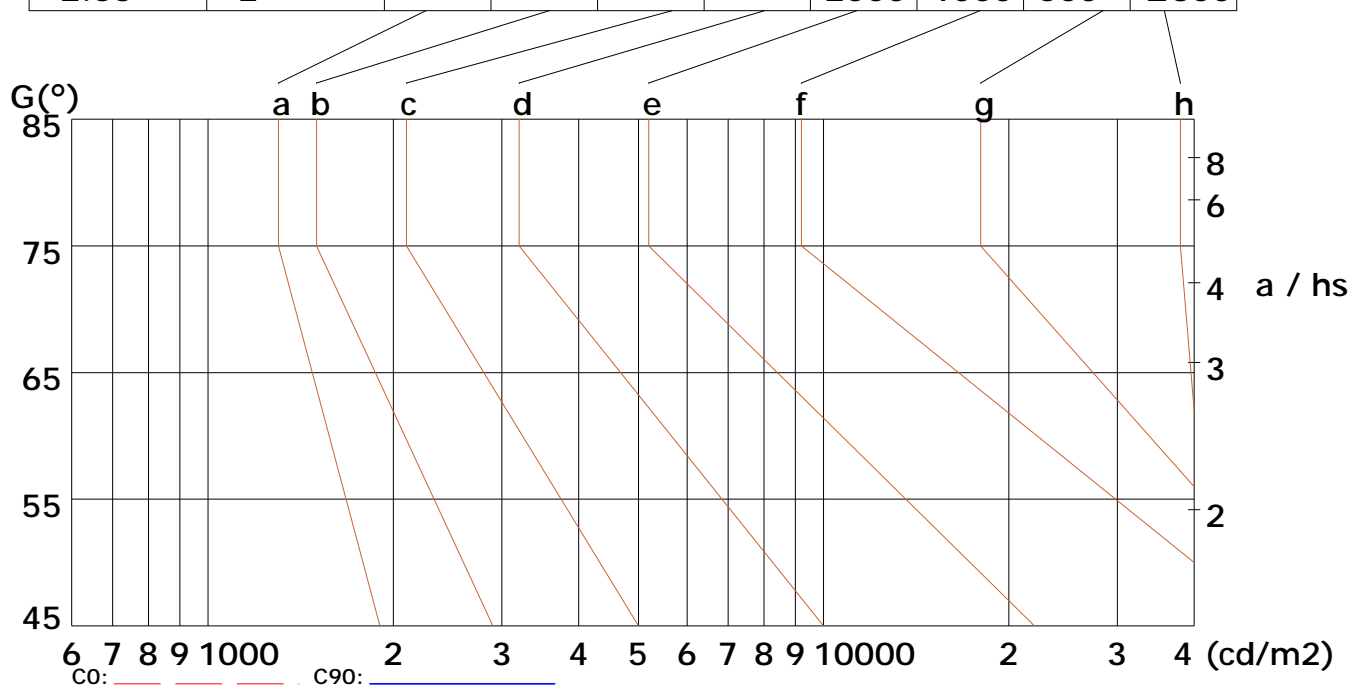
Width: 579mm

Height: 0mm

(cd/m²)

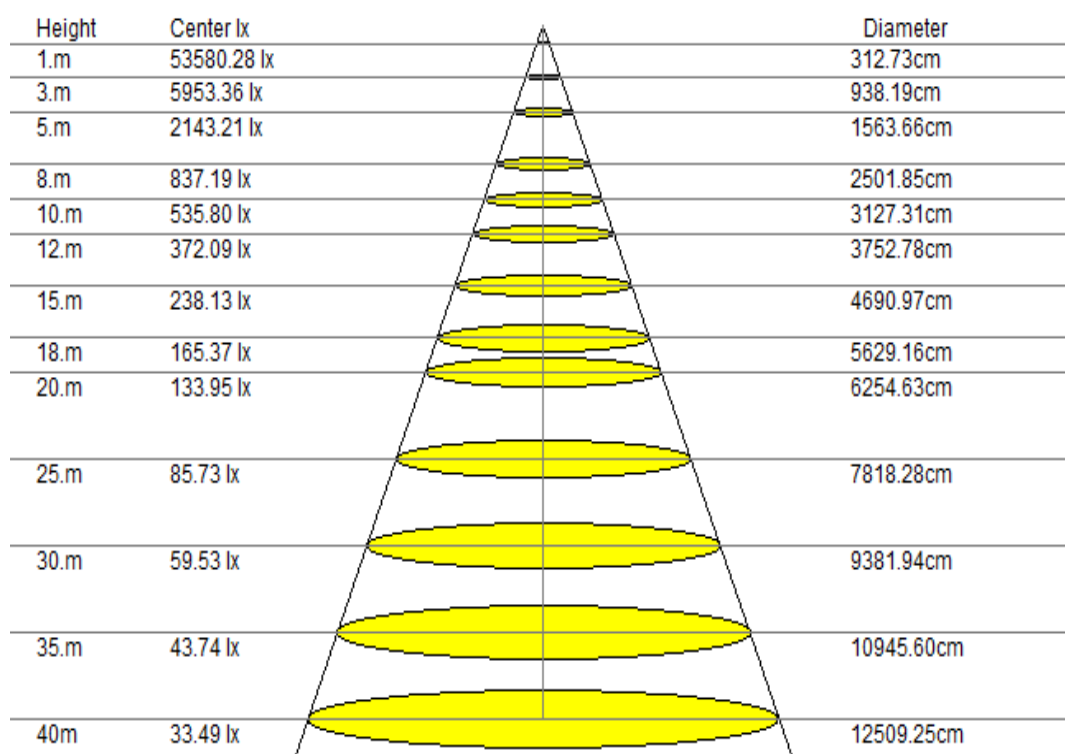
γ	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	1296265	271185	152831	40453	36298	19177	80237	22510	1205405
C90	1397286	371723	58542	294818	69859	99759	83912	39537	429013

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

