

Luminaire Property

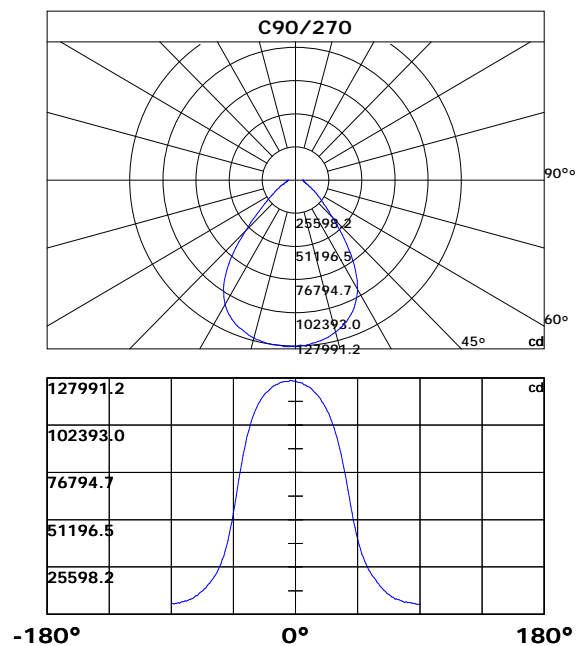
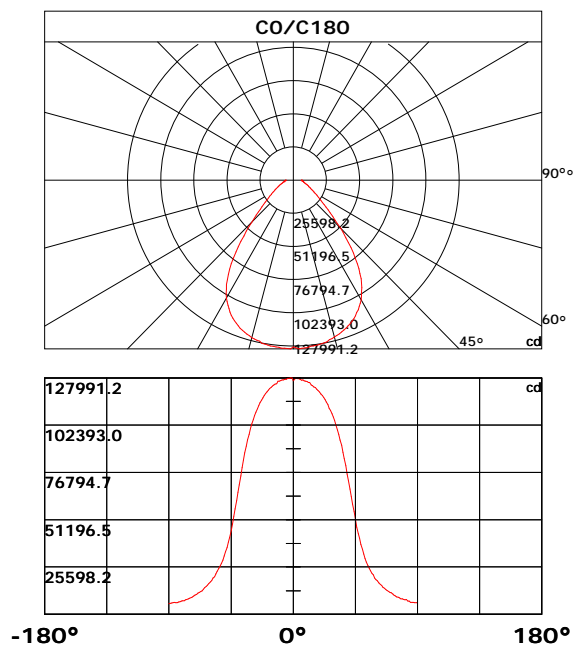
Luminaire Description: T500-1440W-90D
Luminaire Categorie: LED FLOOD LIGHT
Lamp Categorie:
Lamp Description: CO-T500-1440W-90D
Number of Lamp: 1
Lamp Lumens(lm): 240527.9
Luminous Length(m): 1.152
Luminous Width(m): 0.579
Luminous Height(m): 0.274

Voltage: 220.2 V
Current: 5.87 A
Power: 1437.5 W
Power Factor: 0.964
Test Lab: Huipu-lab
Photometric Type: Type C
Manufactory:

Photometric Results

CIE Class: Direct
Measurement Flux: 240527.90 lm
Efficiency: 167.3238 lm/W
Central Intensity: 126426.4cd
Max. Intensity: 127991.212cd
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	126426.4	127239.2	127991.2	127620.9	127461.9	127311.0	126638.9	126830.0	126440.3	126281.3
C22.5	126426.4	125652.8	124901.5	124742.5	124650.6	123664.5	124010.6	123354.6	122885.0	122436.2
C45.0	126426.4	125473.7	125020.9	124949.1	124627.1	124249.4	123883.2	123497.5	123012.5	122539.5
C67.5	126426.4	125302.6	124988.7	125314.7	124809.6	124579.5	124264.9	123736.3	123231.1	122837.4
C90.0	126426.4	125899.6	125458.2	125581.0	125223.5	125100.0	124316.5	124205.2	123600.8	123306.9
C112.5	126426.4	126412.1	126217.6	126141.8	125366.3	125322.7	125533.4	124825.7	124364.1	124161.6
C135.0	126426.4	126718.7	126209.5	126507.4	126356.5	126022.4	125875.5	125227.5	125108.1	124746.5
C157.5	126426.4	127315.0	127327.1	127144.0	126738.1	126543.6	126618.7	126396.0	126066.7	125760.1
C180.0	126426.4	127891.3	127847.7	127700.8	127771.9	127263.4	127303.0	126905.2	126873.6	126496.0
C202.5	126426.4	125815.8	125577.0	125334.8	126197.5	125756.1	125736.6	125859.4	125183.9	125764.1
C225.0	126426.4	125831.9	125676.9	125943.2	125728.6	126078.1	125986.8	126074.0	125899.6	125855.4
C247.5	126426.4	126030.4	126189.4	126650.9	125863.4	126205.5	126157.9	126193.4	126082.1	125951.3
C270.0	126426.4	126121.7	126320.9	126551.7	126607.3	126030.4	126078.1	126066.7	126042.5	125879.5
C292.5	126426.4	126237.1	126316.9	126921.3	126531.5	126496.0	126341.0	126094.2	125847.3	125537.4
C315.0	126426.4	126885.7	126901.1	126809.9	126805.9	126559.7	125986.8	126646.9	126018.4	125958.7
C337.5	126426.4	126989.0	127700.8	127608.9	127131.9	126929.3	126646.9	126341.0	126170.0	125577.0
C360.0	126426.4	127239.2	127991.2	127620.9	127461.9	127311.0	126638.9	126830.0	126440.3	126281.3
C\G	G10.0	G11.0	G12.0	G13.0	G14.0	G15.0	G16.0	G17.0	G18.0	G19.0
C0.0	125986.8	125521.3	125454.2	124153.5	123839.6	123048.0	122658.3	121942.5	121119.4	120268.9
C22.5	122185.4	121501.8	120272.9	120058.2	119453.8	118459.7	117958.6	116702.2	115052.0	114586.4
C45.0	121720.5	121581.0	120491.6	120010.6	119163.4	118308.7	117525.2	116296.3	115592.6	114296.6
C67.5	121902.9	121772.1	121016.1	120384.2	119107.7	118662.3	117377.7	116940.3	115850.9	114864.8
C90.0	122909.2	122265.2	121696.3	120881.3	119974.4	119310.3	118538.8	117548.7	116578.7	115079.5
C112.5	123573.3	122738.1	122300.7	121585.0	121112.1	120356.1	119382.0	118049.8	117564.8	116109.8
C135.0	124237.4	123804.0	123334.4	122654.9	122014.3	120960.5	120539.2	119524.9	118805.8	117696.3
C157.5	125275.1	124794.1	124157.5	123482.0	123163.4	122650.9	121898.9	120638.5	120531.1	118797.8
C180.0	126213.6	126137.8	124786.1	124646.6	124149.5	123624.9	122857.5	122169.3	121279.1	120423.8
C202.5	125477.7	125219.4	125191.3	124511.7	124408.4	124177.7	123724.2	122825.3	122181.3	121748.0
C225.0	125660.8	125521.3	125255.0	125151.7	124547.3	123926.8	123871.1	123103.7	122813.9	122368.5
C247.5	125708.4	125295.2	124833.7	125083.9	124559.3	124281.0	123756.4	123326.4	122889.0	122153.8
C270.0	125609.2	125461.6	125155.7	124479.5	124527.1	123978.4	123501.5	123032.6	122161.9	121533.3
C292.5	125974.8	125314.7	124873.3	124734.4	123620.9	123541.1	122932.6	122487.9	121664.8	121048.3
C315.0	125390.5	124615.0	124631.1	123911.3	123851.6	123255.3	122559.0	122014.3	120809.5	120360.1
C337.5	125577.0	125132.2	124798.2	124197.1	123501.5	123115.8	122917.2	121803.7	121254.9	120260.8
C360.0	125986.8	125521.3	125454.2	124153.5	123839.6	123048.0	122658.3	121942.5	121119.4	120268.9
C\G	G20.0	G21.0	G22.0	G23.0	G24.0	G25.0	G26.0	G27.0	G28.0	G29.0
C0.0	119370.0	118455.7	117342.1	116316.4	114992.3	113560.8	111556.4	110479.1	108415.0	106788.9
C22.5	113214.6	112009.8	110312.0	109012.0	107361.8	105011.3	103544.2	101162.2	98907.6	96494.0
C45.0	113210.6	111902.5	110359.6	108296.2	107409.4	104840.2	103253.8	100816.7	98438.7	96164.0
C67.5	113890.8	111879.0	110805.1	109119.3	107436.9	105906.1	103739.4	101242.0	99257.7	96390.7
C90.0	114324.1	112845.0	111708.0	110124.9	108630.3	106884.2	104812.7	102558.1	100709.4	98164.3

Light intensity data Unit[cd]

C112.5	115632.2	114165.2	113055.6	111322.3	109775.4	108232.5	106538.7	104323.7	102355.5	99973.5
C135.0	116714.2	115075.4	114109.5	112781.3	111278.0	109699.6	107691.8	105926.3	103607.9	101710.9
C157.5	117871.4	117071.8	115691.9	114379.8	112498.9	111871.0	109608.3	107854.8	106037.6	103739.4
C180.0	119489.4	118412.0	117143.6	115922.7	114558.9	112960.4	111234.4	109429.2	107580.5	105357.4
C202.5	120590.8	120276.9	119219.0	118559.0	117597.0	116471.4	115501.4	113313.9	112352.0	110506.5
C225.0	121752.0	120968.5	120077.7	119402.2	118356.4	117533.3	116121.2	115019.8	113242.8	112193.0
C247.5	121609.1	120809.5	120066.3	118980.2	118074.0	117059.7	115950.2	114662.2	113317.9	111799.2
C270.0	120563.3	120209.1	119386.1	118634.8	117385.7	116201.1	114932.6	114053.8	112073.6	110606.5
C292.5	119918.7	119198.9	118093.4	117433.3	116224.5	115155.3	113779.4	112197.0	110260.4	108964.4
C315.0	119278.7	118590.5	117783.5	116610.3	115290.1	113966.6	112490.8	111099.5	109464.8	107572.4
C337.5	118968.8	118276.5	117489.0	116077.6	115155.3	113028.1	112451.2	110709.8	108594.1	107170.6
C360.0	119370.0	118455.7	117342.1	116316.4	114992.3	113560.8	111556.4	110479.1	108415.0	106788.9
C\G	G30.0	G31.0	G32.0	G33.0	G34.0	G35.0	G36.0	G37.0	G38.0	G39.0
C0.0	104840.2	102387.1	99707.2	97301.7	94263.6	91452.2	87662.8	84282.6	80433.5	75912.9
C22.5	93555.9	90068.3	87479.7	83762.0	80429.4	76274.5	72584.3	68186.5	63820.2	60162.3
C45.0	93098.4	90036.8	87185.8	83503.8	79936.4	75971.9	71721.7	68230.1	63864.5	59633.7
C67.5	93881.9	91225.5	87909.0	84915.2	80318.1	76839.3	73168.6	68763.4	64957.9	60631.2
C90.0	95563.6	92573.8	89806.0	86291.0	82458.0	79193.1	75319.9	71177.0	67060.9	62663.0
C112.5	96915.9	94832.4	91408.6	88867.6	85237.1	81471.2	77956.2	73498.6	68989.5	65303.4
C135.0	99230.2	96569.8	93766.5	90462.1	86784.0	83515.2	79793.5	75622.4	71248.1	67231.9
C157.5	100772.4	99051.1	95579.7	92477.9	89129.9	85785.9	81809.3	77483.3	73598.6	69053.2
C180.0	103031.0	100478.6	97492.2	94502.4	91058.4	87380.4	83444.1	79495.0	74886.5	70127.1
C202.5	109075.0	107110.9	105218.6	102538.0	99993.6	96875.7	94096.5	90577.5	87042.3	83265.0
C225.0	110037.7	108490.8	106554.1	104232.5	101413.0	98840.5	95544.1	92259.2	88669.0	84453.6
C247.5	110097.4	107938.0	106093.3	103791.1	101070.9	98327.3	94872.0	91646.7	88211.5	84067.9
C270.0	108812.8	106542.7	104621.5	101870.5	99424.8	96665.1	93364.7	89722.2	86044.1	81674.5
C292.5	106956.0	104677.2	102518.5	99532.1	96836.1	94160.3	90660.6	87010.8	83440.0	79165.0
C315.0	105437.2	102959.9	100769.1	97818.2	95082.6	92017.0	88565.0	84795.7	81097.6	76556.9
C337.5	104534.3	101933.6	100136.5	97428.4	94350.8	91452.2	87722.5	84191.4	79503.1	76369.7
C360.0	104840.2	102387.1	99707.2	97301.7	94263.6	91452.2	87662.8	84282.6	80433.5	75912.9
C\G	G40.0	G41.0	G42.0	G43.0	G44.0	G45.0	G46.0	G47.0	G48.0	G49.0
C0.0	72449.5	67800.8	63784.6	59712.8	55521.6	51772.4	47171.4	43759.6	41048.2	37783.4
C22.5	55692.7	51887.2	48499.6	44280.8	41358.1	38530.7	35389.3	33150.8	30972.0	28836.8
C45.0	55506.2	51187.5	47971.0	44590.8	40896.6	38435.4	35226.2	33099.1	30665.4	28295.4
C67.5	56138.1	52849.8	48372.1	45179.1	41930.3	38868.7	36292.2	33453.3	31405.3	29400.9
C90.0	58245.8	54801.8	50479.8	47080.1	43532.9	40773.8	37556.6	35409.4	32637.6	30928.4
C112.5	60846.5	56989.3	52714.3	48841.7	45557.4	41807.6	39266.5	36391.4	33977.9	32033.2
C135.0	62909.9	58165.9	54471.8	50376.5	46841.3	43449.7	40180.8	37071.6	35114.9	32773.1
C157.5	64711.0	60583.5	56237.4	51931.4	47847.5	44280.8	41215.2	38280.4	35811.2	33377.5
C180.0	66035.2	61597.8	57004.8	52996.7	48853.8	45314.6	41616.4	39008.3	36125.1	33763.2
C202.5	78159.4	73976.3	69522.7	65025.6	60405.1	56257.5	51684.6	47740.2	44097.7	41135.4
C225.0	80183.3	75519.1	71172.9	65971.5	61522.0	57446.2	52965.1	48535.1	45159.6	41449.3

Light intensity data Unit[cd]

C247.5	79674.1	75113.3	70739.6	65760.8	60878.0	56690.8	52468.1	48165.5	44646.4	40832.9
C270.0	78004.5	73101.5	68731.2	64162.3	58813.9	55096.3	50638.8	46869.5	43294.7	39930.6
C292.5	74731.6	70174.8	65915.8	61442.8	56878.0	52961.1	48340.6	44813.5	41664.0	38379.7
C315.0	72946.6	68166.4	64075.1	59526.3	54555.6	51298.9	47076.1	43648.3	40355.9	37449.3
C337.5	72417.3	67458.7	64027.5	59188.2	54679.1	51215.7	47596.7	43477.2	40988.5	37473.5
C360.0	72449.5	67800.8	63784.6	59712.8	55521.6	51772.4	47171.4	43759.6	41048.2	37783.4
C\G	G50.0	G51.0	G52.0	G53.0	G54.0	G55.0	G56.0	G57.0	G58.0	G59.0
C0.0	35186.7	32562.5	30180.4	28379.3	26363.5	24991.7	23591.7	22124.7	21277.4	19722.5
C22.5	27162.4	25210.4	24068.7	22729.1	21432.4	20685.1	19074.5	18295.0	17726.8	16386.5
C45.0	27313.4	25146.7	24251.8	22729.1	21154.0	20518.1	19619.2	18080.3	17726.8	16589.1
C67.5	27603.8	26065.0	24681.1	23301.3	22207.8	20609.3	19829.8	18558.0	17579.2	16947.3
C90.0	28800.6	27508.6	25584.0	24001.6	23026.9	21456.5	20482.5	19619.2	18649.2	17178.1
C112.5	30105.3	27540.1	26752.6	25015.2	23866.1	22195.8	20681.1	20180.0	18788.0	17889.8
C135.0	30665.4	28697.3	27285.9	25508.2	23826.5	22824.3	21580.0	20522.1	19329.4	18168.2
C157.5	30987.4	29663.9	27265.7	25973.8	24637.5	23122.8	21822.1	20689.1	19177.8	18462.0
C180.0	31524.7	29385.5	27393.2	26069.0	24732.8	23245.6	21826.1	20355.1	19643.3	18239.3
C202.5	37783.4	35206.8	33055.5	30295.8	28331.7	26434.6	25202.3	23508.5	22370.8	21233.8
C225.0	38375.7	35711.9	33019.9	30689.6	28546.3	26816.3	24915.9	23643.4	22255.5	21027.2
C247.5	37918.2	34968.0	32630.2	30180.4	28200.2	26407.1	24561.7	22943.7	21747.0	20418.8
C270.0	36522.9	34200.6	31385.2	29615.6	27273.8	25889.9	24295.4	22426.5	21261.3	20303.4
C292.5	35444.9	32733.5	30530.6	28251.8	26450.7	24800.5	23297.2	21861.7	20693.1	19360.9
C315.0	34479.0	32160.6	29544.5	27941.9	25949.6	24406.7	22923.6	21205.6	20390.6	19018.8
C337.5	35107.5	31580.4	30112.7	28355.1	26120.7	24800.5	23344.9	21667.2	20792.4	19678.9
C360.0	35186.7	32562.5	30180.4	28379.3	26363.5	24991.7	23591.7	22124.7	21277.4	19722.5
C\G	G60.0	G61.0	G62.0	G63.0	G64.0	G65.0	G66.0	G67.0	G68.0	G69.0
C0.0	18661.3	18152.1	17126.4	16251.0	15583.6	14557.2	14152.1	13364.5	12883.6	12446.2
C22.5	15714.4	14899.4	14319.1	13651.0	12847.4	11972.6	11563.4	10652.5	10672.6	9312.9
C45.0	15714.4	15106.0	13781.8	13698.6	12827.9	12112.1	11590.9	10720.2	10763.8	10266.7
C67.5	16012.9	14907.4	14346.6	13424.2	12799.7	12191.3	11650.6	11134.1	10207.0	10088.3
C90.0	16756.2	15269.0	14549.2	13877.7	13006.3	12255.0	11384.3	10887.2	10437.8	9948.8
C112.5	17193.5	16036.4	15479.6	14600.9	13129.8	12947.3	12207.4	11797.5	10891.3	10239.2
C135.0	17050.6	16740.7	15324.7	14672.6	13989.1	13320.9	12680.3	12008.8	11181.7	10779.9
C157.5	17630.9	16681.0	15790.2	14919.5	14470.0	13269.3	12648.8	11992.7	11340.7	10779.9
C180.0	17583.3	16712.6	15913.6	15161.6	14493.5	13535.6	12795.7	12322.8	11873.3	11408.5
C202.5	19885.5	18649.2	17949.5	17038.6	15945.2	15281.1	14326.5	13694.6	13086.2	12294.6
C225.0	19985.4	18820.2	17726.8	17304.9	16080.7	15368.9	14430.5	13587.3	13141.8	12275.2
C247.5	19464.2	18382.9	17356.5	16366.4	15543.3	14907.4	14167.5	13630.9	12752.1	12238.9
C270.0	19002.7	18191.7	17086.2	16398.6	15436.0	14286.9	13750.3	12879.6	12271.1	11937.1
C292.5	18335.2	17066.7	16669.0	15865.3	14998.6	14338.6	13539.6	12863.5	12267.1	11778.1
C315.0	18251.4	17333.1	16481.8	15925.0	14553.2	13989.1	13774.4	12883.6	12179.9	11575.5
C337.5	18478.1	17512.2	16525.4	15949.2	14947.0	14712.2	14163.5	12708.5	12294.6	11849.9
C360.0	18661.3	18152.1	17126.4	16251.0	15583.6	14557.2	14152.1	13364.5	12883.6	12446.2

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	11809.6	11638.6	11026.1	10311.0	9956.8	9483.9	9145.8	8927.1	8477.7	8445.5
C22.5	9272.6	9034.5	8405.9	8263.0	7881.3	7726.4	7296.4	7185.0	7042.2	6835.6
C45.0	9471.8	9272.6	8680.3	8597.1	7929.0	7757.9	7873.3	7396.4	7109.9	7034.1
C67.5	9754.2	9002.3	8652.8	8389.8	8127.5	8016.2	7459.4	7392.3	7097.8	7149.5
C90.0	9284.7	9276.6	8127.5	8430.1	7972.6	7857.2	7451.4	7038.1	6859.0	6421.7
C112.5	9829.4	9332.3	9062.0	8962.7	8354.3	8079.9	7555.3	7399.7	7590.9	7145.5
C135.0	10318.4	9750.2	9225.0	8875.5	9165.3	8131.6	8207.4	7849.1	7722.4	7586.9
C157.5	10322.4	9765.7	9400.1	9066.0	8672.2	8338.2	7809.6	7813.6	7511.1	7209.2
C180.0	10851.7	10406.3	9853.5	9392.0	9090.1	8684.3	8397.9	8067.8	7853.2	7372.2
C202.5	11686.2	11205.2	10147.3	10195.6	9793.8	8950.6	8775.5	8568.9	8314.7	7881.3
C225.0	11957.2	11252.8	10911.4	10274.8	9889.1	9332.3	9296.8	8752.1	8449.5	7956.5
C247.5	11260.9	11252.8	10581.4	10278.8	9789.8	9336.3	8879.5	8819.8	8063.8	8059.8
C270.0	11181.7	10167.5	10111.8	9475.9	8954.6	8465.6	8163.8	7964.5	7444.0	7201.1
C292.5	11352.8	10740.3	10258.7	9889.1	9209.6	9038.5	8704.4	8485.7	8278.5	7945.1
C315.0	10942.9	10620.9	10020.6	9710.0	9094.2	8819.8	8533.4	8063.8	7662.7	7845.1
C337.5	11217.3	10633.0	9925.3	9567.1	9320.9	8756.1	8278.5	8040.3	8048.4	7590.9
C360.0	11809.6	11638.6	11026.1	10311.0	9956.8	9483.9	9145.8	8927.1	8477.7	8445.5
C\G	G80.0	G81.0	G82.0	G83.0	G84.0	G85.0	G86.0	G87.0	G88.0	G89.0
C0.0	8115.5	7774.0	7956.5	7217.2	7217.2	6394.2	6465.3	6409.6	6231.2	6203.0
C22.5	6608.8	6580.6	6203.0	6378.1	6386.1	6031.9	5825.3	5885.0	5697.9	5416.1
C45.0	6704.1	6811.4	6871.1	6215.1	6215.1	6143.3	5905.1	5757.6	5638.2	5336.3
C67.5	6724.2	6282.8	6497.5	6194.9	6159.4	6270.7	5928.6	5606.6	5575.1	6076.2
C90.0	6811.4	6318.4	6493.4	6203.0	6139.3	5960.8	6023.9	5622.7	5499.3	5507.3
C112.5	6795.3	6696.0	6366.0	6223.1	6529.0	6072.2	5980.3	5797.8	5738.1	5419.5
C135.0	7225.3	6501.5	6684.0	6692.0	6326.4	6151.3	6076.2	6048.0	5722.0	5849.5
C157.5	7066.3	7022.0	6656.4	6489.4	6433.7	6322.4	6048.0	6211.0	6155.4	5944.7
C180.0	7285.0	7113.9	6851.0	6668.5	6334.5	6322.4	6445.8	6254.6	6143.3	5968.2
C202.5	7590.9	7467.5	7137.4	7209.2	6835.6	6533.0	6497.5	6278.8	6254.6	6095.7
C225.0	7519.1	7658.6	7046.2	7213.2	6827.5	6596.7	6584.7	6322.4	6239.2	5610.7
C247.5	7801.5	7396.4	7201.1	6823.5	6922.8	6194.9	6163.4	5877.0	6068.1	5785.7
C270.0	7348.1	6783.9	6855.0	6533.0	5980.3	6254.6	6016.5	5928.6	5630.8	5928.6
C292.5	7578.8	7177.0	7038.1	6899.3	6692.0	6199.0	6219.1	6219.1	6155.4	5885.0
C315.0	7451.4	7209.2	6922.8	6624.9	6636.3	6533.0	6155.4	6035.9	6107.7	6064.1
C337.5	7388.3	7050.2	7014.0	6608.8	6612.8	6891.2	6254.6	6310.3	6099.7	6231.2
C360.0	8115.5	7774.0	7956.5	7217.2	7217.2	6394.2	6465.3	6409.6	6231.2	6203.0
C\G	G90.0									
C0.0	6286.8									
C22.5	5594.6									
C45.0	5646.2									
C67.5	5849.5									
C90.0	5503.3									

Light intensity data Unit[cd]

C112.5	5519.4									
C135.0	5718.0									
C157.5	5773.7									
C180.0	5722.0									
C202.5	6000.4									
C225.0	5912.5									
C247.5	5801.2									
C270.0	5571.1									
C292.5	5642.2									
C315.0	5646.2									
C337.5	5897.1									
C360.0	6286.8									

Zonal Luminous Flux Data

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
0.0	126426.40	0.00	0.00	0.00	0.00
0.0-1.0	126363.50	120.96	120.96	0.05	0.05
1.0-2.0	126290.30	362.63	483.59	0.15	0.20
2.0-3.0	126345.20	604.22	1087.81	0.25	0.45
3.0-4.0	126117.00	845.07	1932.88	0.35	0.80
4.0-5.0	125882.00	1084.09	3016.97	0.45	1.25
5.0-6.0	125711.20	1322.19	4339.16	0.55	1.80
6.0-7.0	125515.80	1559.36	5898.52	0.65	2.45
7.0-8.0	125176.60	1794.16	7692.68	0.75	3.20
8.0-9.0	124943.10	2027.08	9719.76	0.84	4.04
9.0-10.0	124587.70	2258.16	11977.92	0.94	4.98
10.0-11.0	124167.20	2485.57	14463.49	1.03	6.01
11.0-12.0	123640.50	2708.89	17172.38	1.13	7.14
12.0-13.0	123120.40	2928.43	20100.82	1.22	8.36
13.0-14.0	122562.10	3144.72	23245.54	1.31	9.66
14.0-15.0	121978.60	3357.16	26602.70	1.40	11.06
15.0-16.0	121374.90	3565.81	30168.51	1.48	12.54
16.0-17.0	120525.40	3767.04	33935.54	1.57	14.11
17.0-18.0	119759.40	3961.78	37897.32	1.65	15.76
18.0-19.0	118849.80	4151.31	42048.63	1.73	17.48
19.0-20.0	117899.90	4333.18	46381.80	1.80	19.28
20.0-21.0	116884.10	4508.33	50890.14	1.87	21.16
21.0-22.0	115790.10	4675.69	55565.82	1.94	23.10
22.0-23.0	114560.80	4833.38	60399.21	2.01	25.11
23.0-24.0	113251.60	4980.79	65380.00	2.07	27.18
24.0-25.0	111773.80	5116.59	70496.58	2.13	29.31
25.0-26.0	110200.40	5239.73	75736.31	2.18	31.49
26.0-27.0	108428.00	5348.79	81085.09	2.22	33.71
27.0-28.0	106538.50	5442.50	86527.58	2.26	35.97
28.0-29.0	104599.70	5523.97	92051.54	2.30	38.27
29.0-30.0	102240.00	5584.63	97636.16	2.32	40.59
30.0-31.0	99804.79	5622.61	103258.80	2.34	42.93
31.0-32.0	97265.39	5645.83	108904.60	2.35	45.28
32.0-33.0	94330.89	5644.50	114549.10	2.35	47.62
33.0-34.0	91111.68	5612.04	120161.10	2.33	49.96
34.0-35.0	87888.86	5559.10	125720.20	2.31	52.27
35.0-36.0	84267.86	5481.50	131201.70	2.28	54.55
36.0-37.0	80433.90	5371.65	136573.40	2.23	56.78
37.0-38.0	76429.20	5235.88	141809.30	2.18	58.96
38.0-39.0	72266.95	5075.41	146884.70	2.11	61.07
39.0-40.0	68040.72	4893.43	151778.20	2.03	63.10

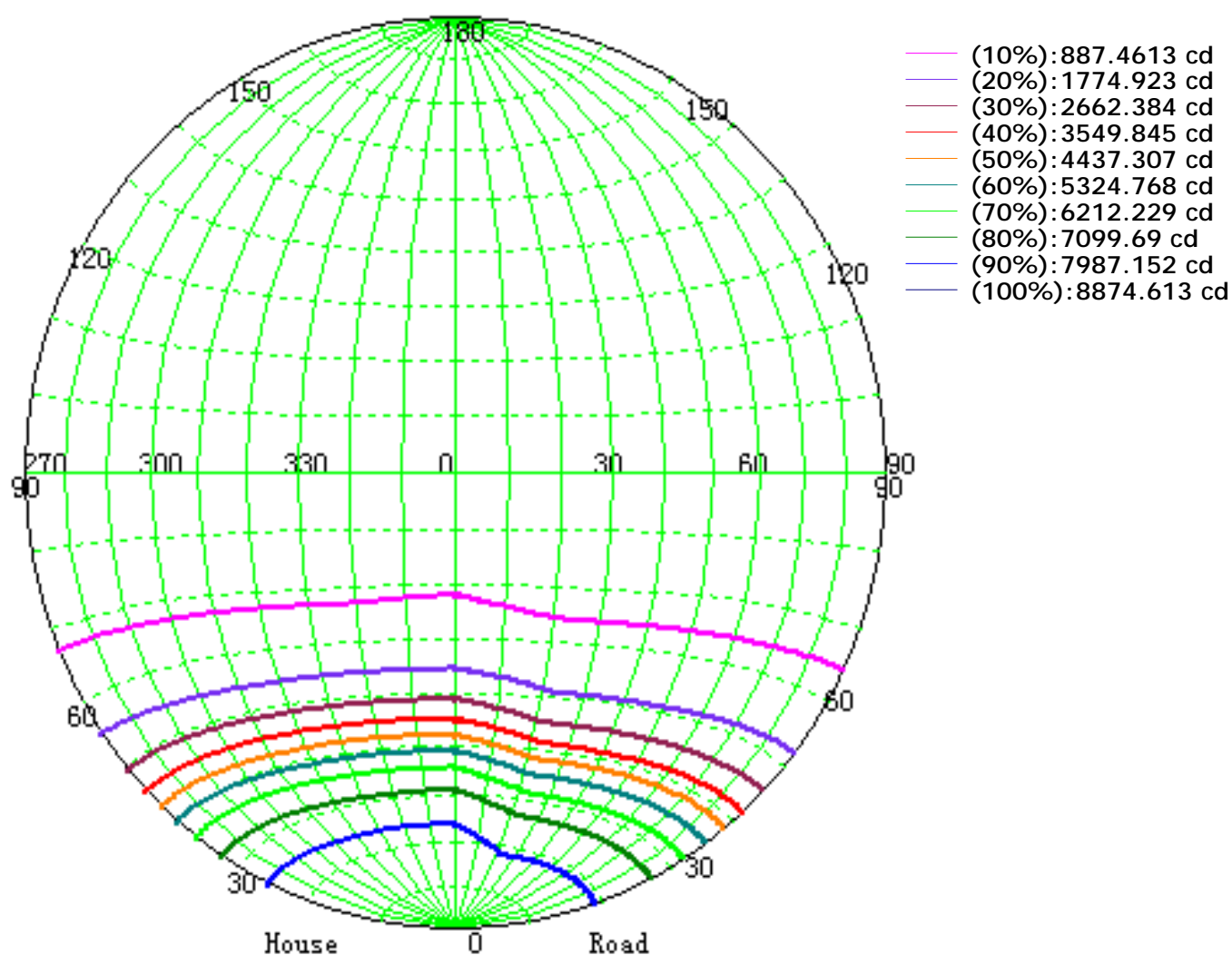
Zonal Luminous Flux Data

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
40.0-41.0	63710.85	4691.61	156469.80	1.95	65.05
41.0-42.0	59607.51	4480.37	160950.10	1.86	66.92
42.0-43.0	55379.21	4259.44	165209.60	1.77	68.69
43.0-44.0	51254.45	4024.65	169234.20	1.67	70.36
44.0-45.0	47762.52	3805.34	173039.50	1.58	71.94
45.0-46.0	44042.78	3590.31	176629.80	1.49	73.43
46.0-47.0	40804.57	3374.60	180004.40	1.40	74.84
47.0-48.0	37997.78	3185.60	183190.10	1.32	76.16
48.0-49.0	35240.16	3007.56	186197.60	1.25	77.41
49.0-50.0	32811.33	2837.30	189034.90	1.18	78.59
50.0-51.0	30521.35	2679.51	191714.40	1.11	79.71
51.0-52.0	28608.87	2537.32	194251.70	1.05	80.76
52.0-53.0	26814.79	2410.92	196662.60	1.00	81.76
53.0-54.0	25132.53	2289.62	198952.30	0.95	82.71
54.0-55.0	23700.30	2179.82	201132.10	0.91	83.62
55.0-56.0	22315.50	2079.33	203211.40	0.86	84.49
56.0-57.0	20980.00	1979.57	205191.00	0.82	85.31
57.0-58.0	19963.05	1893.35	207084.40	0.79	86.10
58.0-59.0	18789.05	1811.69	208896.10	0.75	86.85
59.0-60.0	17857.51	1731.31	210627.40	0.72	87.57
60.0-61.0	16903.78	1658.88	212286.30	0.69	88.26
61.0-62.0	16026.66	1586.78	213873.00	0.66	88.92
62.0-63.0	15319.08	1524.51	215397.50	0.63	89.55
63.0-64.0	14415.71	1459.08	216856.60	0.61	90.16
64.0-65.0	13690.35	1390.95	218247.60	0.58	90.74
65.0-66.0	13051.61	1334.25	219581.80	0.55	91.29
66.0-67.0	12320.52	1275.78	220857.60	0.53	91.82
67.0-68.0	11765.29	1220.11	222077.70	0.51	92.33
68.0-69.0	11201.23	1171.64	223249.40	0.49	92.82
69.0-70.0	10657.12	1122.60	224372.00	0.47	93.28
70.0-71.0	10209.48	1078.50	225450.50	0.45	93.73
71.0-72.0	9649.35	1032.60	226483.10	0.43	94.16
72.0-73.0	9354.91	993.78	227476.90	0.41	94.57
73.0-74.0	8950.07	962.34	228439.20	0.40	94.97
74.0-75.0	8548.43	924.56	229363.70	0.38	95.36
75.0-76.0	8239.27	891.16	230254.90	0.37	95.73
76.0-77.0	7985.28	865.02	231119.90	0.36	96.09
77.0-78.0	7720.35	840.73	231960.60	0.35	96.44
78.0-79.0	7479.99	816.71	232777.30	0.34	96.78
79.0-80.0	7250.87	794.17	233571.50	0.33	97.11
80.0-81.0	6990.22	770.14	234341.60	0.32	97.43

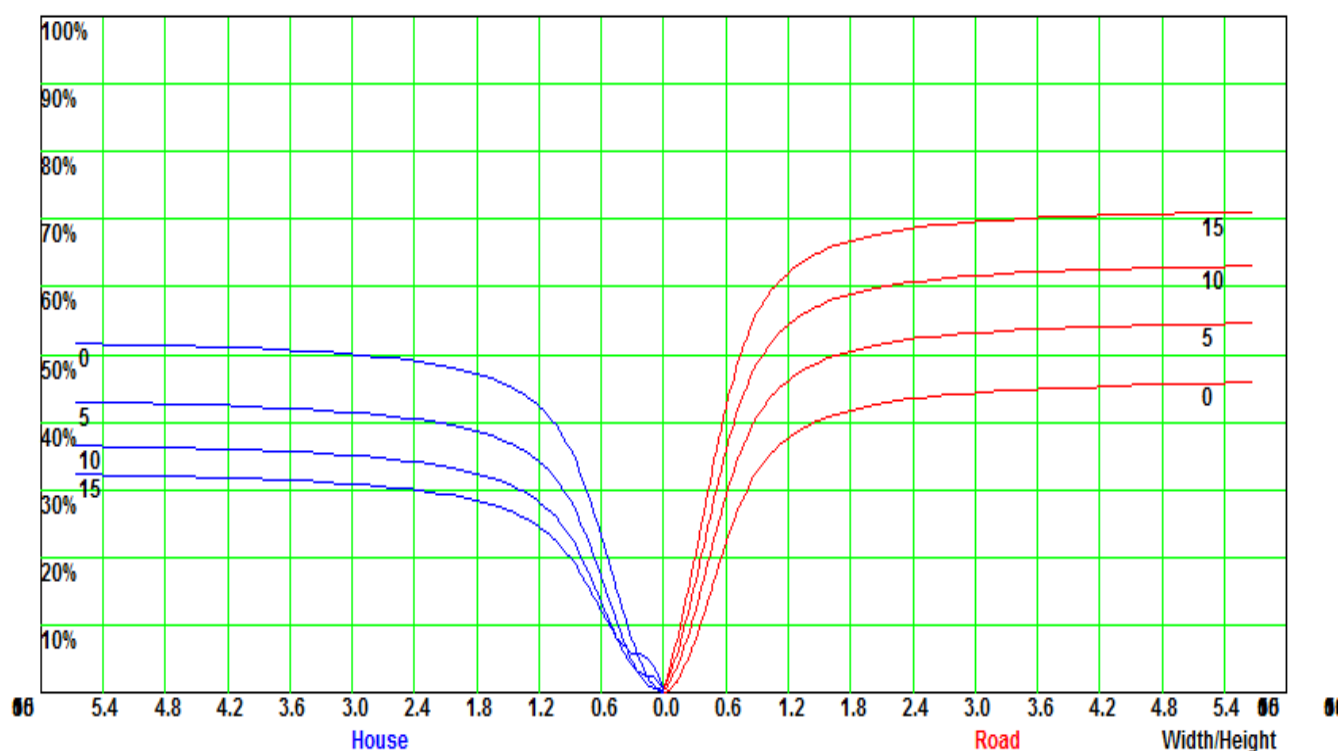
Zonal Luminous Flux Data

[illegible]

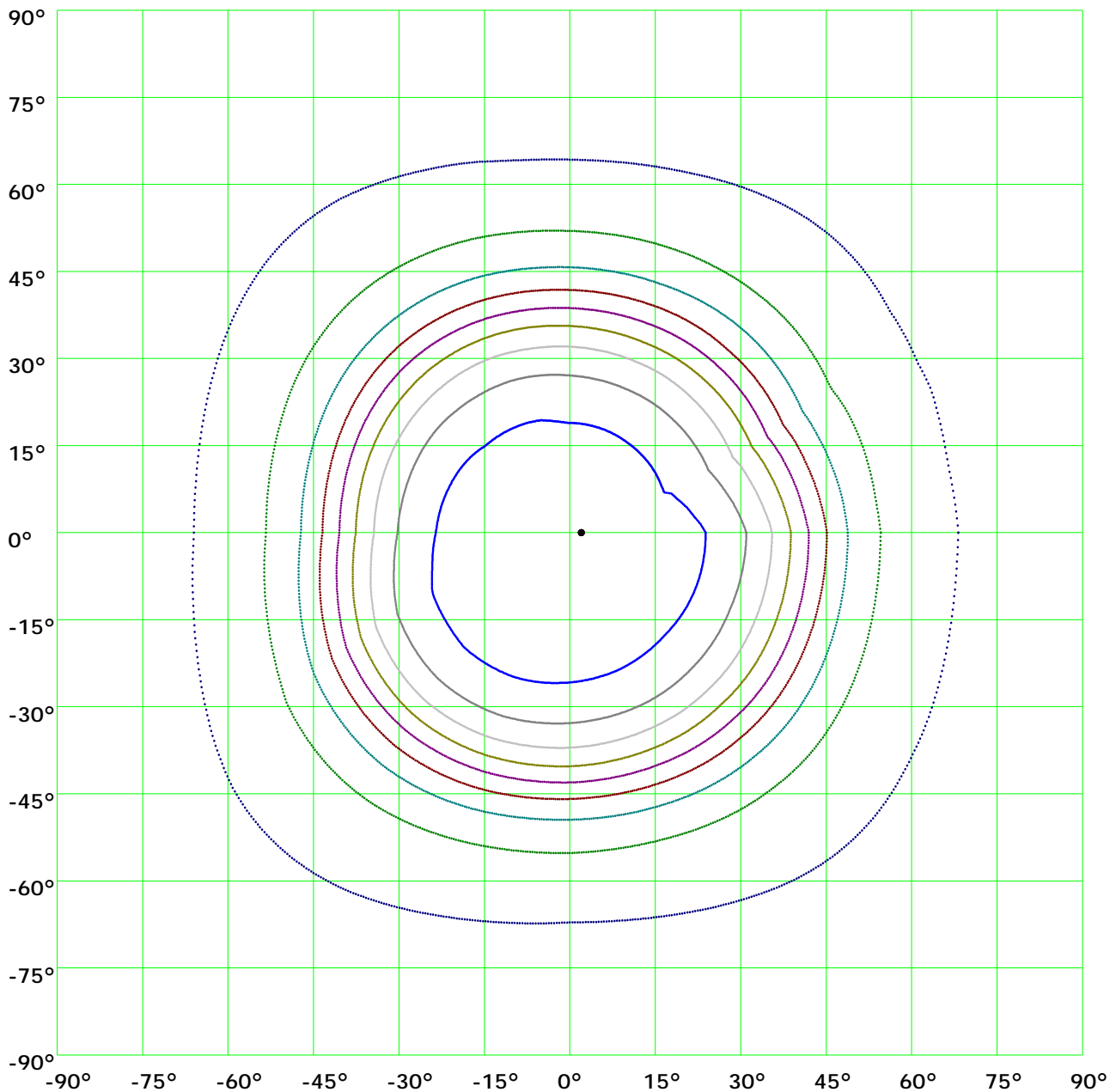
Iso-Candela [cd]



Coefficient Utilization Curve

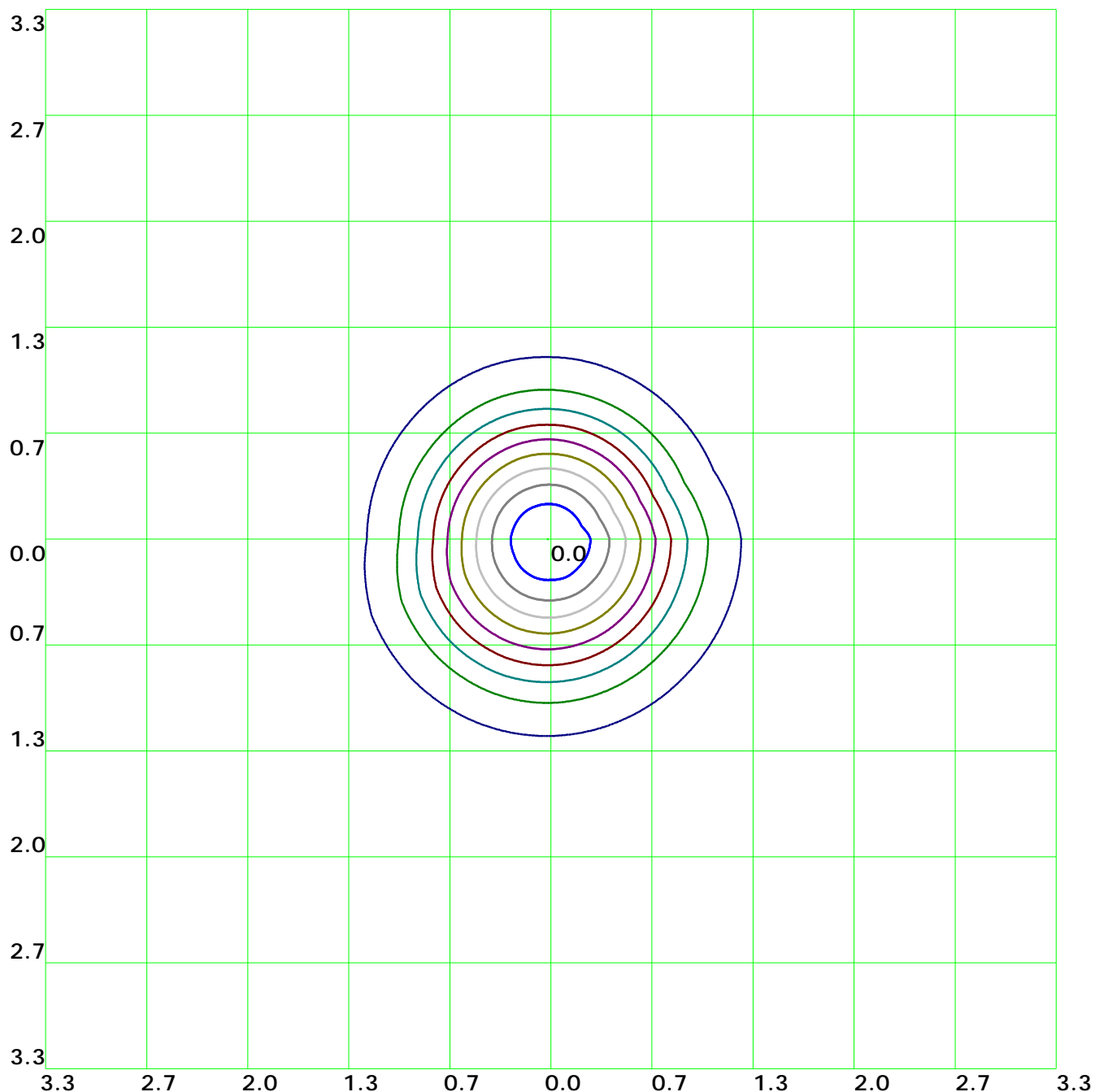


Isocandela(rectangle)



(10%): 12799.1cd (20%): 25598.2cd (30%): 38397.4cd (40%): 51196.5cd
(50%): 63995.6cd (60%): 76794.7cd (70%): 89593.8cd (80%): 102393.cd
(90%): 115192.1cd (100%): 127991.2cd

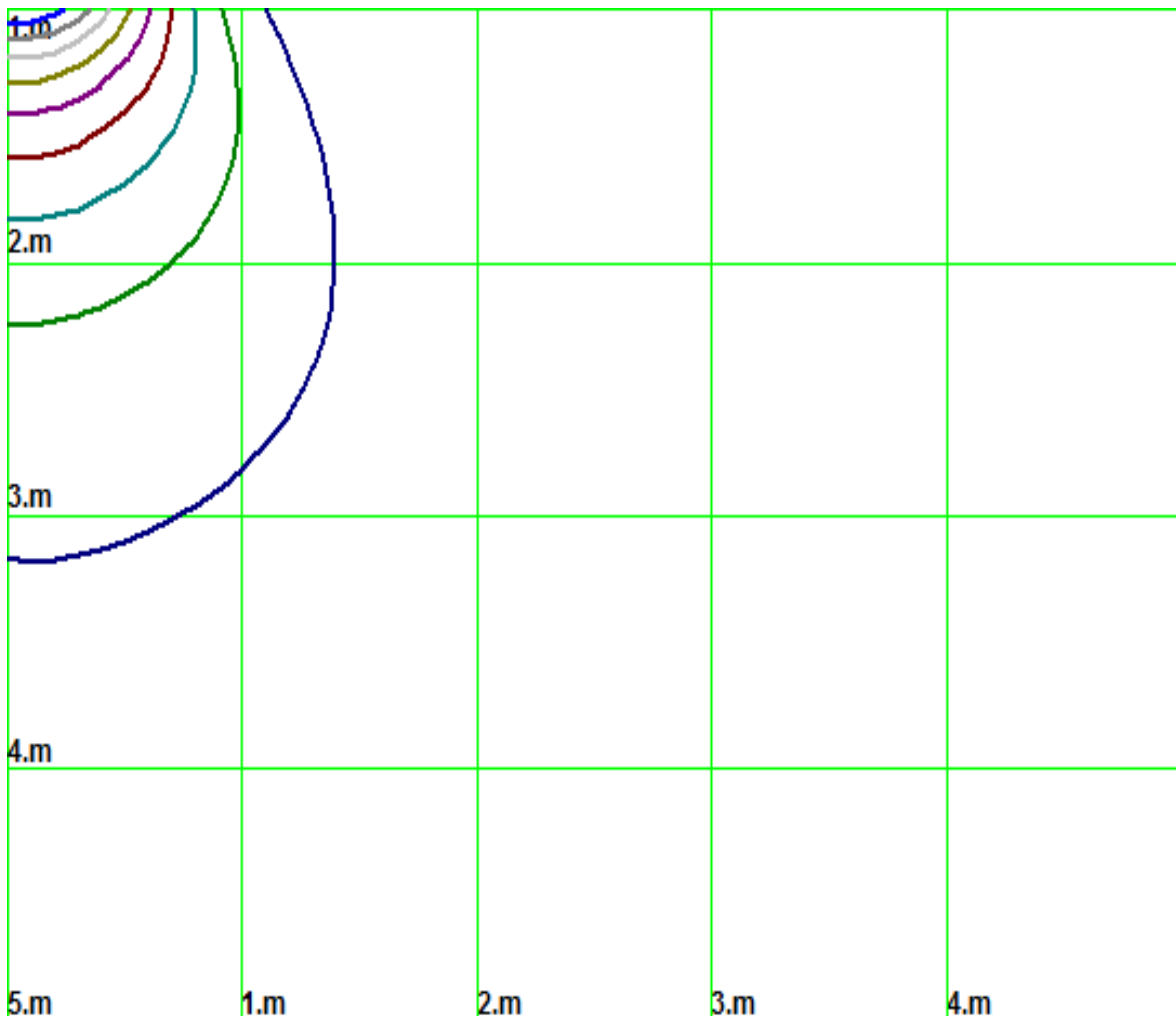
Isolx curve



Height: 1 m

(10%): 12799.1lx (20%): 25598.2lx (30%): 38397.4lx (40%): 51196.5lx
 (50%): 63995.6lx (60%): 76794.7lx (70%): 89593.8lx (80%): 102393.1lx
 (90%): 115192.1lx (100%): 127863.2lx

Space Isolx Curve



(10%): 12799.1lx (20%): 25598.2lx (30%): 38397.4lx (40%): 51196.5lx
 (50%): 63995.6lx (60%): 76794.7lx (70%): 89593.8lx (80%): 102393.lx
 (90%): 115192.1lx (100%): 127863.2lx

Luminance Limiting Curve

Diameter: 291mm

Length: 291mm

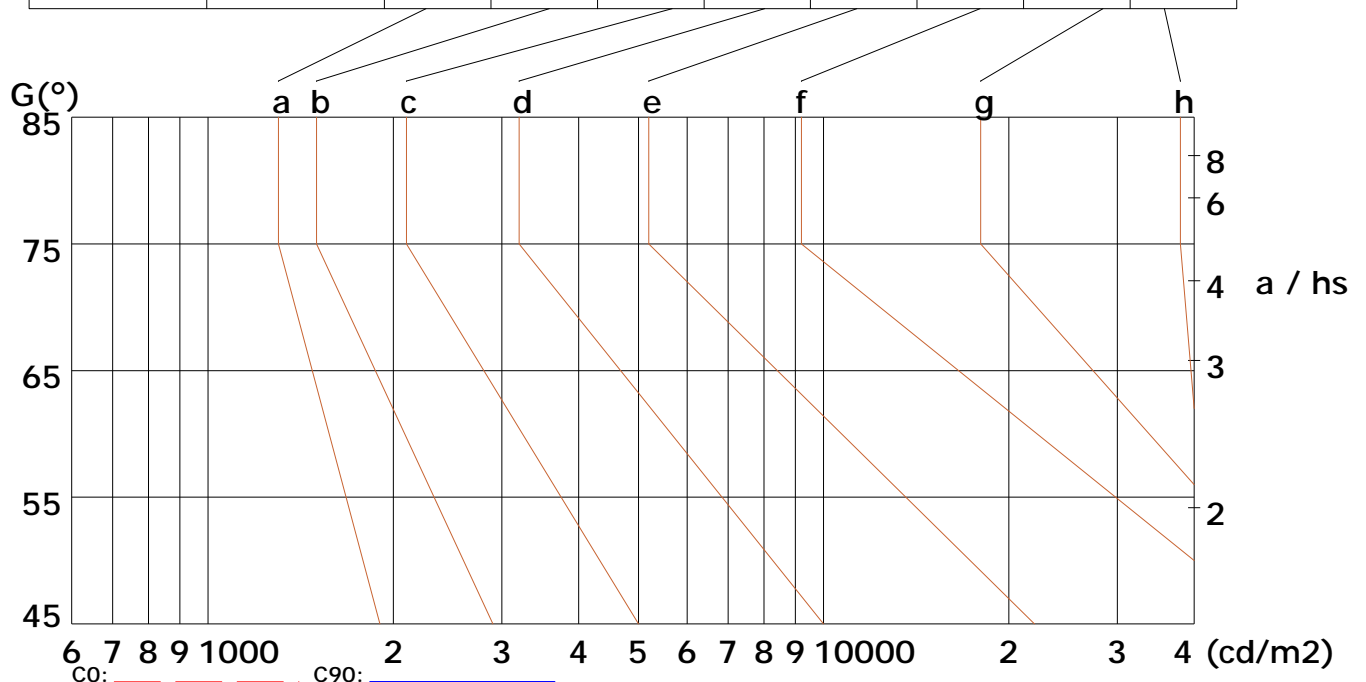
Width: 102mm

Height: 0mm

(cd/m²)

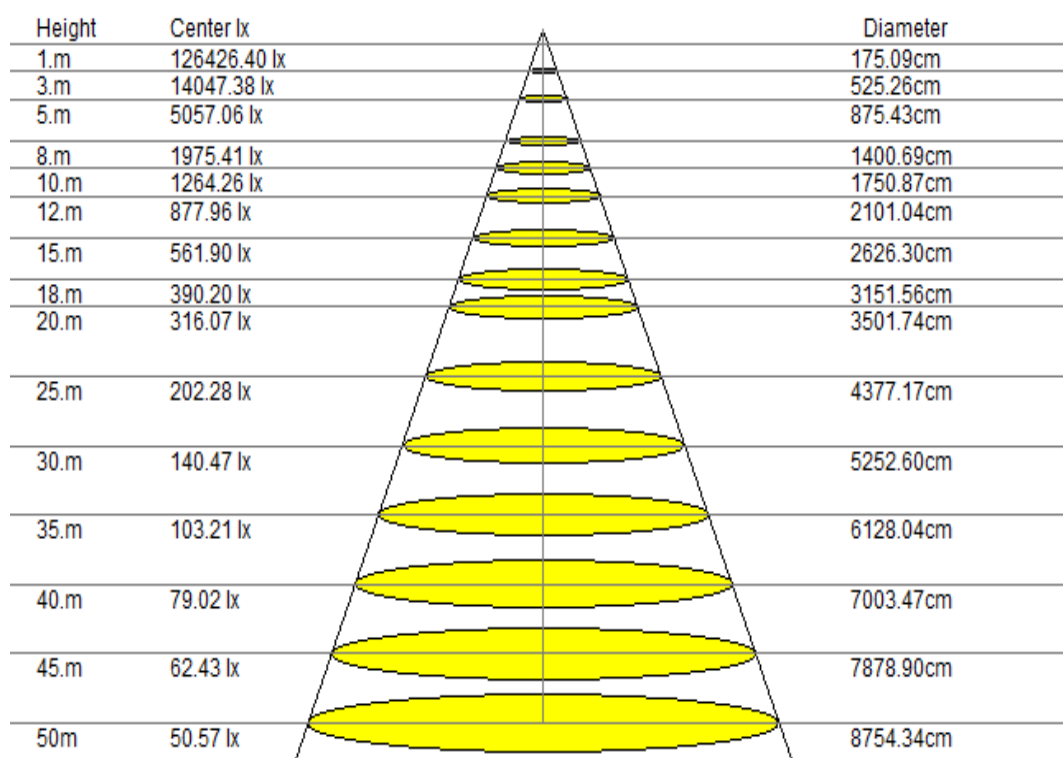
γ	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	1441573120143520837808724947786657589479806331709817								
C90	18304326851808929230636113863229160751168377834119								

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

