

## Luminaire Property

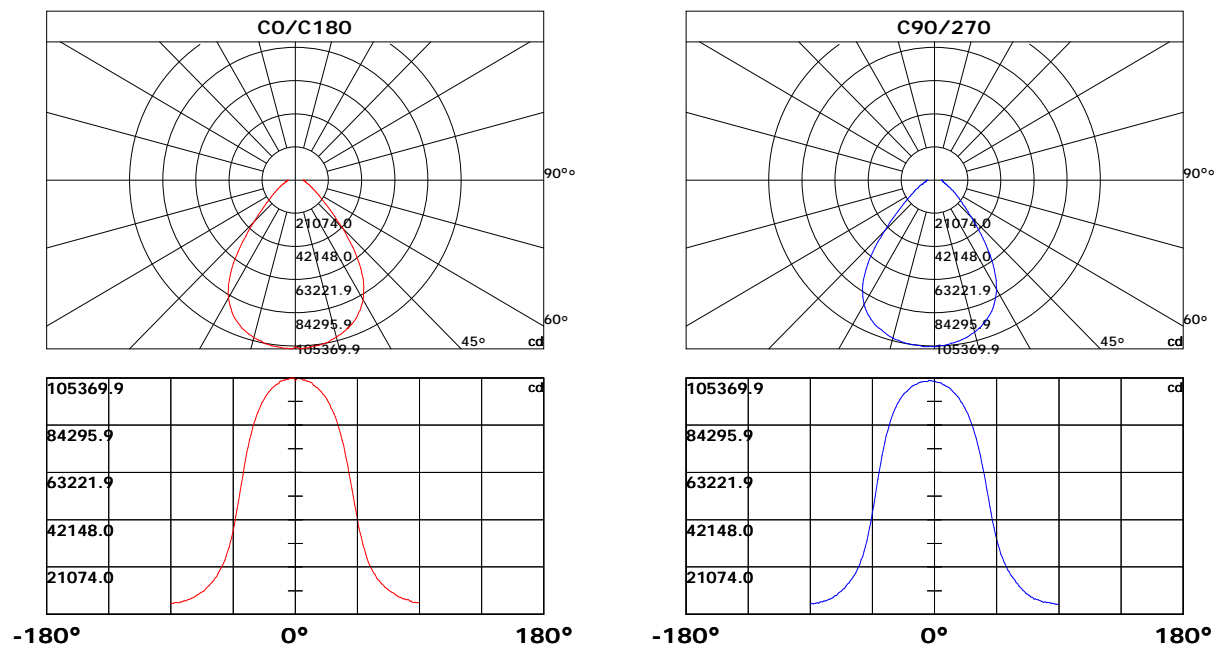
Luminaire Description: T500-1200W-90D  
Luminaire Categorie: LED FLOOD LIGHT  
Lamp Categorie:  
Lamp Description: CO-T500-1200W-90D  
Number of Lamp: 1  
Lamp Lumens(lm): 198016.5  
Luminous Length(m): 997  
Luminous Width(m): 579  
Luminous Height(m): 0

Voltage: 220.2 V  
Current: 4.894 A  
Power: 1197.6 W  
Power Factor: 0.964  
Test Lab: Huipu-lab  
Photometric Type: Type C  
Manufactory:

## Photometric Results

CIE Class: Direct  
Measurement Flux: 198016.50 lm  
Efficiency: 165.3444 lm/W  
Central Intensity: 104081.6cd  
Max. Intensity: 105369.849cd  
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	104081.6	104750.8	105369.8	105065.0	104934.1	104809.9	104256.5	104413.9	104093.0	103962.2
C22.5	104081.6	103444.7	102826.2	102695.3	102619.6	101807.8	102092.8	101552.7	101166.1	100796.7
C45.0	104081.6	103297.3	102924.5	102865.4	102600.3	102289.4	101987.9	101670.3	101271.1	100881.7
C67.5	104081.6	103156.4	102898.0	103166.4	102750.5	102561.1	102302.1	101866.9	101451.1	101126.9
C90.0	104081.6	103647.9	103284.6	103385.6	103091.3	102989.7	102344.6	102253.0	101755.4	101513.5
C112.5	104081.6	104069.9	103909.7	103847.3	103208.9	103173.0	103346.4	102763.8	102383.8	102217.1
C135.0	104081.6	104322.2	103903.1	104148.3	104024.0	103749.0	103628.1	103094.6	102996.3	102698.6
C157.5	104081.6	104813.2	104823.1	104672.4	104338.2	104178.1	104240.0	104056.6	103785.5	103533.1
C180.0	104081.6	105287.6	105251.7	105130.7	105189.3	104770.7	104803.2	104475.8	104449.8	104138.9
C202.5	104081.6	103578.9	103382.3	103182.9	103893.1	103529.8	103513.7	103614.8	103058.7	103536.4
C225.0	104081.6	103592.2	103464.6	103683.8	103507.1	103794.8	103719.7	103791.5	103647.9	103611.5
C247.5	104081.6	103755.6	103886.5	104266.5	103618.1	103899.8	103860.5	103889.8	103798.1	103690.5
C270.0	104081.6	103830.7	103994.8	104184.7	104230.6	103755.6	103794.8	103785.5	103765.6	103631.4
C292.5	104081.6	103925.7	103991.4	104489.0	104168.2	104138.9	104011.3	103808.1	103604.9	103349.7
C315.0	104081.6	104459.7	104472.4	104397.3	104394.0	104191.4	103719.7	104263.1	103745.7	103696.5
C337.5	104081.6	104544.8	105130.7	105055.1	104662.4	104495.6	104263.1	104011.3	103870.5	103382.3
C360.0	104081.6	104750.8	105369.8	105065.0	104934.1	104809.9	104256.5	104413.9	104093.0	103962.2
C\G	G10.0	G11.0	G12.0	G13.0	G14.0	G15.0	G16.0	G17.0	G18.0	G19.0
C0.0	103719.7	103336.5	103281.2	102210.4	101952.0	101300.3	100979.5	100390.2	99712.6	99012.4
C22.5	100590.1	100027.4	99015.7	98838.9	98341.4	97522.9	97110.4	96076.0	94717.5	94334.2
C45.0	100207.4	100092.5	99195.7	98799.7	98102.2	97398.7	96753.7	95741.9	95162.6	94095.7
C67.5	100357.6	100249.9	99627.6	99107.3	98056.4	97689.7	96632.2	96272.1	95375.2	94563.4
C90.0	101186.0	100655.8	100187.5	99516.6	98769.9	98223.2	97588.1	96773.0	95974.4	94740.1
C112.5	101732.7	101045.2	100685.1	100095.9	99706.5	99084.1	98282.3	97185.5	96786.2	95588.4
C135.0	102279.5	101922.7	101536.1	100976.7	100449.3	99581.7	99234.9	98399.9	97807.9	96894.5
C157.5	103133.8	102737.8	102213.7	101657.6	101395.3	100973.4	100354.3	99316.6	99228.3	97801.3
C180.0	103906.4	103844.0	102731.2	102616.3	102207.1	101775.3	101143.5	100576.9	99844.0	99139.9
C202.5	103300.6	103088.0	103064.8	102505.3	102420.3	102230.3	101857.0	101117.0	100586.8	100230.1
C225.0	103451.3	103336.5	103117.2	103032.2	102534.6	102023.8	101977.9	101346.2	101107.6	100740.9
C247.5	103490.5	103150.4	102770.4	102976.4	102544.5	102315.4	101883.5	101529.5	101169.4	100564.2
C270.0	103408.8	103287.3	103035.5	102478.8	102518.0	102066.3	101673.6	101287.6	100570.8	100053.3
C292.5	103709.8	103166.4	102803.0	102688.7	101771.9	101706.2	101205.3	100839.2	100161.6	99654.1
C315.0	103228.8	102590.4	102603.6	102011.1	101961.9	101471.0	100897.7	100449.3	99457.5	99087.5
C337.5	103382.3	103016.2	102741.1	102246.3	101673.6	101356.1	101192.6	100275.9	99824.2	99005.7
C360.0	103719.7	103336.5	103281.2	102210.4	101952.0	101300.3	100979.5	100390.2	99712.6	99012.4
C\G	G20.0	G21.0	G22.0	G23.0	G24.0	G25.0	G26.0	G27.0	G28.0	G29.0
C0.0	98272.3	97519.6	96602.9	95758.5	94668.4	93489.9	91839.7	90952.8	89253.5	87914.9
C22.5	93204.9	92213.1	90815.3	89745.0	88386.5	86451.4	85243.7	83282.6	81426.5	79439.5
C45.0	93201.6	92124.7	90854.5	89155.8	88425.7	86310.6	85004.5	82998.2	81040.5	79167.8
C67.5	93761.6	92105.4	91221.2	89833.4	88448.4	87188.1	85404.4	83348.3	81714.8	79354.5
C90.0	94118.3	92900.6	91964.5	90661.2	89430.8	87993.3	86288.0	84431.8	82909.8	80814.6

## Light intensity data Unit[cd]

C112.5	95195.2	93987.4	93074.0	91647.0	90373.5	89103.3	87708.9	85885.4	84265.1	82304.0
C135.0	96086.0	94736.8	93941.6	92848.1	91610.5	90311.1	88658.2	87204.7	85296.1	83734.4
C157.5	97038.6	96380.3	95244.4	94164.1	92615.6	92098.7	90236.0	88792.4	87296.4	85404.4
C180.0	98370.6	97483.7	96439.4	95434.3	94311.6	92995.6	91574.6	90088.5	88566.5	86736.4
C202.5	99277.4	99019.0	98148.1	97604.7	96812.7	95886.1	95087.5	93286.6	92494.7	90975.5
C225.0	100233.4	99588.3	98855.0	98298.8	97437.9	96760.3	95597.8	94691.0	93228.1	92363.8
C247.5	100115.7	99457.5	98845.6	97951.5	97205.4	96370.4	95457.0	94396.6	93289.9	92039.6
C270.0	99254.8	98963.2	98285.6	97667.1	96638.8	95663.5	94619.2	93895.8	92265.5	91057.7
C292.5	98724.1	98131.5	97221.4	96678.0	95682.8	94802.5	93669.9	92367.1	90772.8	89705.8
C315.0	98197.2	97630.6	96966.3	96000.4	94913.6	93824.0	92609.0	91463.6	90117.8	88559.9
C337.5	97942.1	97372.2	96723.8	95561.9	94802.5	93051.4	92576.4	91142.8	89401.0	88229.1
C360.0	98272.3	97519.6	96602.9	95758.5	94668.4	93489.9	91839.7	90952.8	89253.5	87914.9
C\G	G30.0	G31.0	G32.0	G33.0	G34.0	G35.0	G36.0	G37.0	G38.0	G39.0
C0.0	86310.6	84291.0	82084.8	80104.4	77603.3	75288.8	72169.1	69386.3	66217.5	62495.9
C22.5	77020.6	74149.5	72018.4	68957.8	66214.2	62793.6	59755.7	56135.1	52540.5	49529.1
C45.0	76644.0	74123.5	71776.5	68745.2	65808.3	62544.5	59045.5	56171.0	52577.0	49093.9
C67.5	77289.0	75102.1	72371.8	69907.1	66122.6	63258.6	60236.7	56610.0	53477.1	49915.1
C90.0	78673.5	76212.2	73933.6	71039.8	67884.2	65196.4	62007.7	58597.0	55208.4	51587.9
C112.5	79786.9	78071.6	75252.9	73161.0	70172.2	67071.9	64178.1	60508.4	56796.2	53761.5
C135.0	81692.1	79501.9	77194.1	74473.7	71445.7	68754.6	65690.7	62256.8	58655.6	55349.3
C157.5	82961.8	81544.7	78686.8	76133.2	73376.9	70623.9	67350.2	63788.7	60590.7	56848.6
C180.0	84821.2	82719.9	80261.3	77799.9	74964.6	71936.6	68696.0	65444.9	61651.0	57732.8
C202.5	89797.0	88180.0	86622.1	84415.3	82320.6	79753.7	77465.8	74568.7	71658.3	68548.6
C225.0	90589.4	89315.9	87721.6	85810.3	83489.2	81371.3	78657.5	75953.1	72997.5	69527.2
C247.5	90638.6	88860.9	87342.2	85446.9	83207.5	80948.8	78104.2	75448.9	72620.9	69209.6
C270.0	89581.0	87712.2	86130.6	83865.8	81852.3	79580.3	76863.3	73864.5	70836.6	67239.2
C292.5	88052.4	86176.4	84399.3	81940.6	79721.2	77518.2	74637.1	71632.4	68692.7	65173.2
C315.0	86802.1	84762.6	82959.0	80529.6	78277.6	75753.8	72911.9	69808.8	66764.3	63026.1
C337.5	86058.8	83917.7	82438.2	80208.8	77675.1	75288.8	72218.3	69311.2	65451.6	62872.0
C360.0	86310.6	84291.0	82084.8	80104.4	77603.3	75288.8	72169.1	69386.3	66217.5	62495.9
C\G	G40.0	G41.0	G42.0	G43.0	G44.0	G45.0	G46.0	G47.0	G48.0	G49.0
C0.0	59644.7	55817.6	52511.2	49159.1	45708.6	42622.1	38834.2	36025.5	33793.3	31105.5
C22.5	45849.5	42716.5	39927.7	36454.6	34048.4	31720.7	29134.5	27291.6	25497.9	23740.1
C45.0	45695.9	42140.5	39492.5	36709.7	33668.5	31642.3	29000.3	27249.1	25245.6	23294.5
C67.5	46216.1	43509.0	39822.7	37194.0	34519.5	31999.0	29877.8	27540.7	25854.7	24204.6
C90.0	47951.3	45116.1	41557.9	38759.1	35838.8	33567.4	30918.8	29151.1	26869.2	25462.0
C112.5	50092.4	46917.0	43397.5	40209.3	37505.5	34418.4	32326.5	29959.6	27972.6	26371.6
C135.0	51791.1	47885.6	44844.4	41472.9	38562.5	35770.3	33079.2	30519.5	28908.6	26980.7
C157.5	53273.9	49875.9	46297.9	42753.0	39390.9	36454.6	33930.8	31514.7	29481.9	27478.3
C180.0	54364.0	50710.9	46929.7	43630.0	40219.3	37305.6	34261.0	32113.9	29740.3	27795.8
C202.5	64345.4	60901.6	57235.2	53532.9	49729.0	46314.4	42549.8	39302.5	36303.8	33865.1
C225.0	66011.5	62171.8	58593.7	54311.6	50648.5	47293.0	43604.0	39956.9	37178.0	34123.5

## Light intensity data Unit[cd]

C247.5	65592.4	61837.6	58237.0	54138.2	50118.3	46671.2	43194.8	39652.7	36755.6	33616.0
C270.0	64217.8	60181.4	56583.5	52822.2	48419.1	45358.5	41688.8	38585.7	35642.8	32873.2
C292.5	61523.4	57772.0	54265.7	50583.3	46825.3	43600.7	39796.8	36893.1	34300.2	31596.4
C315.0	60053.9	56118.5	52750.4	49005.6	44913.4	42232.2	38755.8	35933.8	33223.4	30830.5
C337.5	59618.1	55535.9	52711.2	48727.2	45015.0	42163.7	39184.3	35793.0	33744.1	30850.3
C360.0	59644.7	55817.6	52511.2	49159.1	45708.6	42622.1	38834.2	36025.5	33793.3	31105.5
C\G	G50.0	G51.0	G52.0	G53.0	G54.0	G55.0	G56.0	G57.0	G58.0	G59.0
C0.0	28967.7	26807.3	24846.3	23363.5	21704.0	20574.6	19422.1	18214.3	17516.8	16236.7
C22.5	22361.7	20754.7	19814.7	18711.9	17644.4	17029.2	15703.2	15061.5	14593.8	13490.4
C45.0	22486.0	20702.2	19965.5	18711.9	17415.2	16891.7	16151.7	14884.8	14593.8	13657.1
C67.5	22725.1	21458.2	20318.9	19183.0	18282.8	16966.8	16325.1	15278.0	14472.3	13952.0
C90.0	23710.3	22646.7	21062.3	19759.5	18957.1	17664.3	16862.4	16151.7	15353.1	14142.0
C112.5	24784.4	22672.6	22024.3	20594.0	19648.0	18272.8	17025.9	16613.3	15467.4	14728.0
C135.0	25245.6	23625.3	22463.3	20999.9	19615.4	18790.3	17765.9	16895.0	15913.1	14957.1
C157.5	25510.6	24421.0	22446.8	21383.1	20283.0	19036.1	17965.2	17032.5	15788.3	15199.0
C180.0	25953.0	24191.9	22551.7	21461.5	20361.5	19137.1	17968.6	16757.5	16171.5	15015.7
C202.5	31105.5	28984.3	27213.2	24941.3	23324.3	21762.5	20748.0	19353.6	18417.0	17480.9
C225.0	31593.1	29400.1	27184.0	25265.4	23501.0	22076.7	20512.2	19464.6	18322.0	17310.8
C247.5	31216.5	28787.7	26863.1	24846.3	23216.0	21739.9	20220.6	18888.6	17903.4	16809.9
C270.0	30067.8	28155.9	25838.1	24381.3	22453.4	21314.1	20001.4	18462.8	17503.6	16715.0
C292.5	29180.3	26948.1	25134.6	23258.6	21775.8	20417.2	19179.6	17997.8	17035.8	15939.0
C315.0	28385.1	26476.5	24322.7	23003.4	21363.2	20093.1	18872.0	17457.7	16786.7	15657.4
C337.5	28902.6	25998.8	24790.5	23343.6	21504.1	20417.2	19218.9	17837.7	17117.5	16200.8
C360.0	28967.7	26807.3	24846.3	23363.5	21704.0	20574.6	19422.1	18214.3	17516.8	16236.7
C\G	G60.0	G61.0	G62.0	G63.0	G64.0	G65.0	G66.0	G67.0	G68.0	G69.0
C0.0	15363.0	14943.9	14099.5	13378.8	12829.3	11984.4	11650.8	11002.5	10606.5	10246.4
C22.5	12937.0	12266.0	11788.3	11238.3	10576.7	9856.6	9519.7	8769.7	8786.3	7666.9
C45.0	12937.0	12436.1	11346.0	11277.5	10560.7	9971.4	9542.3	8825.5	8861.4	8452.2
C67.5	13182.8	12272.7	11811.0	11051.6	10537.5	10036.6	9591.5	9166.2	8403.0	8305.3
C90.0	13794.7	12570.3	11977.7	11424.9	10707.6	10089.1	9372.2	8963.0	8593.0	8190.4
C112.5	14154.7	13202.1	12743.7	12020.3	10809.2	10659.0	10049.8	9712.4	8966.3	8429.5
C135.0	14037.1	13782.0	12616.2	12079.4	11516.6	10966.6	10439.2	9886.4	9205.5	8874.7
C157.5	14514.8	13732.8	12999.4	12282.6	11912.6	10924.1	10413.2	9873.1	9336.3	8874.7
C180.0	14475.6	13758.8	13101.0	12482.0	11931.9	11143.3	10534.2	10144.8	9774.8	9392.1
C202.5	16370.9	15353.1	14777.1	14027.1	13127.0	12580.3	11794.4	11274.2	10773.3	10121.6
C225.0	16453.2	15493.9	14593.8	14246.4	13238.5	12652.6	11880.0	11185.8	10819.1	10105.6
C247.5	16024.1	15133.9	14288.9	13473.8	12796.2	12272.7	11663.5	11221.7	10498.3	10075.8
C270.0	15644.1	14976.5	14066.4	13500.3	12707.8	11761.8	11320.0	10603.2	10102.3	9827.3
C292.5	15094.6	14050.3	13722.9	13061.3	12347.8	11804.3	11146.6	10589.9	10099.0	9696.4
C315.0	15025.6	14269.6	13568.8	13110.4	11981.1	11516.6	11339.9	10606.5	10027.2	9529.6
C337.5	15212.3	14417.0	13604.7	13130.3	12305.2	12111.9	11660.2	10462.4	10121.6	9755.5
C360.0	15363.0	14943.9	14099.5	13378.8	12829.3	11984.4	11650.8	11002.5	10606.5	10246.4

## 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	9722.4	9581.5	9077.3	8488.6	8197.0	7807.7	7529.4	7349.3	6979.3	6952.8
C22.5	7633.8	7437.7	6920.2	6802.6	6488.4	6360.8	6006.8	5915.1	5797.5	5627.4
C45.0	7797.8	7633.8	7146.1	7077.6	6527.6	6386.8	6481.8	6089.1	5853.3	5790.9
C67.5	8030.3	7411.2	7123.5	6907.0	6691.1	6599.4	6141.0	6085.8	5843.4	5885.9
C90.0	7643.7	7637.1	6691.1	6940.1	6563.5	6468.5	6134.4	5794.2	5646.8	5286.7
C112.5	8092.1	7682.9	7460.3	7378.6	6877.7	6651.9	6220.0	6091.9	6249.3	5882.6
C135.0	8494.7	8027.0	7594.5	7306.8	7545.4	6694.4	6756.8	6461.9	6357.5	6245.9
C157.5	8498.0	8039.7	7738.7	7463.7	7139.5	6864.5	6429.3	6432.6	6183.5	5935.0
C180.0	8933.7	8567.1	8112.0	7732.1	7483.5	7149.4	6913.6	6641.9	6465.2	6069.2
C202.5	9620.7	9224.8	8353.9	8393.6	8062.9	7368.7	7224.5	7054.4	6845.1	6488.4
C225.0	9843.9	9264.0	8982.9	8458.8	8141.3	7682.9	7653.6	7205.2	6956.1	6550.2
C247.5	9270.6	9264.0	8711.2	8462.1	8059.5	7686.2	7310.1	7261.0	6638.6	6635.3
C270.0	9205.5	8370.5	8324.6	7801.1	7372.0	6969.4	6720.9	6556.9	6128.3	5928.4
C292.5	9346.3	8842.1	8445.6	8141.3	7581.8	7441.0	7166.0	6986.0	6815.3	6540.8
C315.0	9008.9	8743.8	8249.5	7993.8	7486.9	7261.0	7025.2	6638.6	6308.4	6458.6
C337.5	9234.7	8753.7	8171.1	7876.2	7673.5	7208.5	6815.3	6619.3	6625.9	6249.3
C360.0	9722.4	9581.5	9077.3	8488.6	8197.0	7807.7	7529.4	7349.3	6979.3	6952.8
C\G	G80.0	G81.0	G82.0	G83.0	G84.0	G85.0	G86.0	G87.0	G88.0	G89.0
C0.0	6681.1	6400.0	6550.2	5941.7	5941.7	5264.0	5322.6	5276.7	5129.9	5106.7
C22.5	5440.8	5417.6	5106.7	5250.8	5257.4	4965.8	4795.7	4844.9	4690.8	4458.9
C45.0	5519.2	5607.5	5656.7	5116.6	5116.6	5057.5	4861.5	4740.0	4641.7	4393.1
C67.5	5535.8	5172.4	5349.1	5100.0	5070.8	5162.4	4880.8	4615.7	4589.7	5002.3
C90.0	5607.5	5201.6	5345.8	5106.7	5054.2	4907.3	4959.2	4629.0	4527.3	4534.0
C112.5	5594.3	5512.6	5240.9	5123.2	5375.0	4999.0	4923.3	4773.1	4723.9	4461.6
C135.0	5948.3	5352.4	5502.6	5509.2	5208.3	5064.1	5002.3	4979.1	4710.7	4815.6
C157.5	5817.4	5781.0	5480.0	5342.5	5296.6	5205.0	4979.1	5113.3	5067.4	4894.0
C180.0	5997.4	5856.6	5640.1	5489.9	5214.9	5205.0	5306.6	5149.2	5057.5	4913.4
C202.5	6249.3	6147.6	5875.9	5935.0	5627.4	5378.4	5349.1	5169.1	5149.2	5018.3
C225.0	6190.2	6305.0	5800.8	5938.3	5620.8	5430.8	5420.9	5205.0	5136.5	4619.0
C247.5	6422.7	6089.1	5928.4	5617.5	5699.2	5100.0	5074.1	4838.3	4995.7	4763.2
C270.0	6049.3	5584.9	5643.4	5378.4	4923.3	5149.2	4953.1	4880.8	4635.6	4880.8
C292.5	6239.3	5908.5	5794.2	5679.9	5509.2	5103.3	5119.9	5119.9	5067.4	4844.9
C315.0	6134.4	5935.0	5699.2	5454.0	5463.4	5378.4	5067.4	4969.1	5028.2	4992.3
C337.5	6082.5	5804.1	5774.3	5440.8	5444.1	5673.3	5149.2	5195.0	5021.6	5129.9
C360.0	6681.1	6400.0	6550.2	5941.7	5941.7	5264.0	5322.6	5276.7	5129.9	5106.7
C\G	G90.0									
C0.0	5175.7									
C22.5	4605.8									
C45.0	4648.3									
C67.5	4815.6									
C90.0	4530.7									

## Light intensity data Unit[cd]

C112.5	4543.9									
C135.0	4707.4									
C157.5	4753.2									
C180.0	4710.7									
C202.5	4939.9									
C225.0	4867.5									
C247.5	4775.9									
C270.0	4586.4									
C292.5	4645.0									
C315.0	4648.3									
C337.5	4854.8									
C360.0	5175.7									

## Zonal Luminous Flux Data

Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
0.0	104081.60	0.00	0.00	0.00	0.00
0.0-1.0	104029.90	99.58	99.58	0.05	0.05
1.0-2.0	103969.60	298.54	398.12	0.15	0.20
2.0-3.0	104014.70	497.43	895.55	0.25	0.45
3.0-4.0	103826.90	695.71	1591.26	0.35	0.80
4.0-5.0	103633.40	892.48	2483.74	0.45	1.25
5.0-6.0	103492.80	1088.50	3572.25	0.55	1.80
6.0-7.0	103332.00	1283.76	4856.00	0.65	2.45
7.0-8.0	103052.70	1477.06	6333.06	0.75	3.20
8.0-9.0	102860.40	1668.81	8001.87	0.84	4.04
9.0-10.0	102567.80	1859.05	9860.93	0.94	4.98
10.0-11.0	102221.70	2046.27	11907.19	1.03	6.01
11.0-12.0	101788.10	2230.12	14137.31	1.13	7.14
12.0-13.0	101359.90	2410.86	16548.17	1.22	8.36
13.0-14.0	100900.30	2588.91	19137.08	1.31	9.66
14.0-15.0	100419.90	2763.81	21900.89	1.40	11.06
15.0-16.0	99922.91	2935.58	24836.47	1.48	12.54
16.0-17.0	99223.55	3101.25	27937.72	1.57	14.11
17.0-18.0	98592.91	3261.56	31199.28	1.65	15.76
18.0-19.0	97844.11	3417.60	34616.88	1.73	17.48
19.0-20.0	97062.13	3567.33	38184.20	1.80	19.28
20.0-21.0	96225.88	3711.52	41895.73	1.87	21.16
21.0-22.0	95325.22	3849.30	45745.03	1.94	23.10
22.0-23.0	94313.12	3979.12	49724.15	2.01	25.11
23.0-24.0	93235.30	4100.48	53824.64	2.07	27.18
24.0-25.0	92018.76	4212.27	58036.91	2.13	29.31
25.0-26.0	90723.42	4313.65	62350.56	2.18	31.49
26.0-27.0	89264.27	4403.44	66753.99	2.22	33.71
27.0-28.0	87708.69	4480.58	71234.57	2.26	35.97
28.0-29.0	86112.62	4547.66	75782.23	2.30	38.27
29.0-30.0	84169.94	4597.60	80379.82	2.32	40.59
30.0-31.0	82165.13	4628.86	85008.68	2.34	42.93
31.0-32.0	80074.56	4647.98	89656.66	2.35	45.28
32.0-33.0	77658.70	4646.88	94303.52	2.35	47.62
33.0-34.0	75008.46	4620.16	98923.69	2.33	49.96
34.0-35.0	72355.24	4576.57	103500.30	2.31	52.27
35.0-36.0	69374.23	4512.70	108013.00	2.28	54.55
36.0-37.0	66217.88	4422.26	112435.20	2.23	56.78
37.0-38.0	62920.98	4310.48	116745.70	2.18	58.96
38.0-39.0	59494.38	4178.37	120924.10	2.11	61.07
39.0-40.0	56015.09	4028.56	124952.70	2.03	63.10



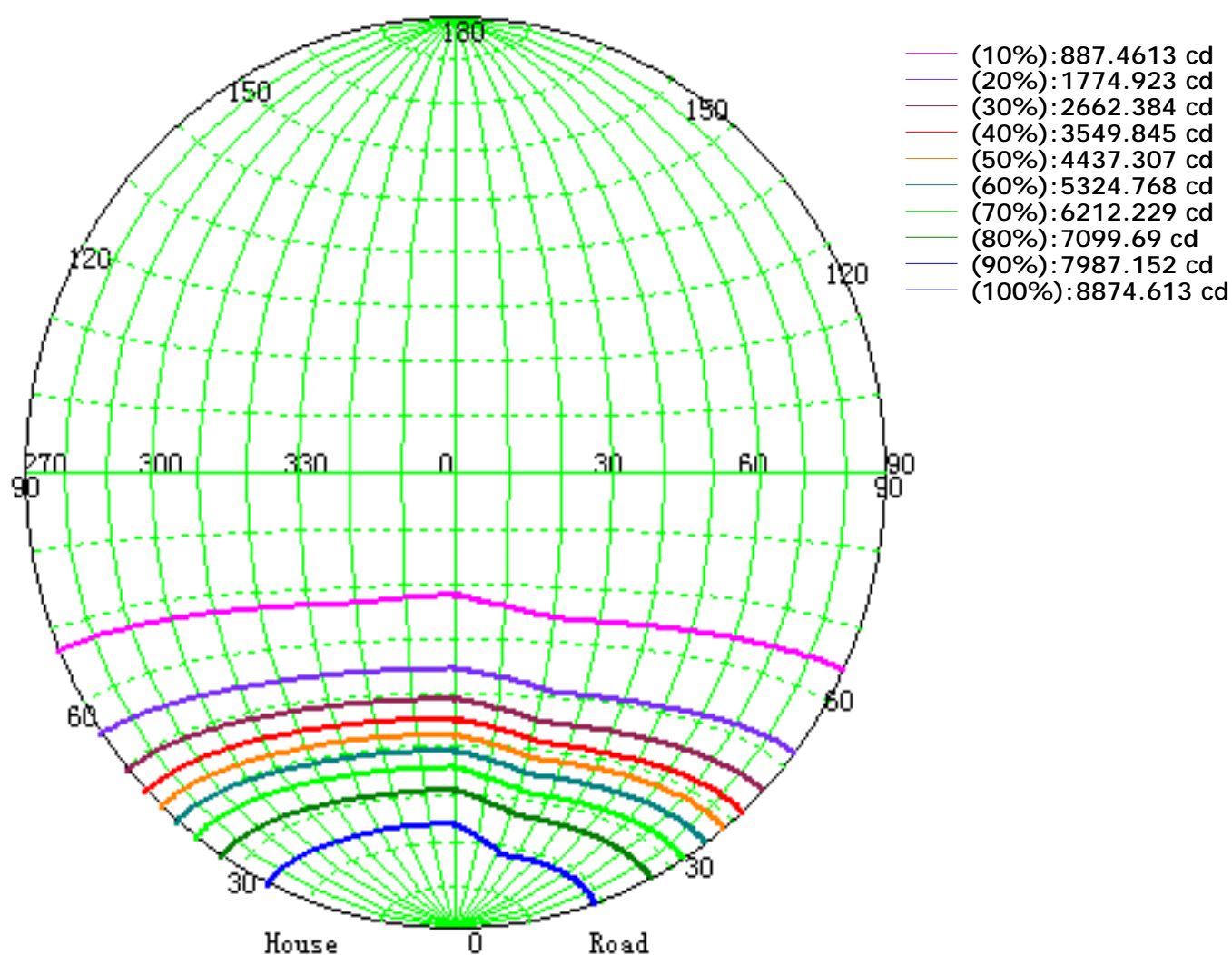
## Zonal Luminous Flux Data

Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
40.0-41.0	52450.50	3862.41	128815.10	1.95	65.05
41.0-42.0	49072.39	3688.50	132503.60	1.86	66.92
42.0-43.0	45591.42	3506.62	136010.20	1.77	68.69
43.0-44.0	42195.66	3313.33	139323.50	1.67	70.36
44.0-45.0	39320.89	3132.78	142456.20	1.58	71.94
45.0-46.0	36258.59	2955.75	145412.00	1.49	73.43
46.0-47.0	33592.71	2778.17	148190.20	1.40	74.84
47.0-48.0	31281.99	2622.58	150812.70	1.32	76.16
48.0-49.0	29011.76	2476.00	153288.70	1.25	77.41
49.0-50.0	27012.21	2335.83	155624.60	1.18	78.59
50.0-51.0	25126.96	2205.93	157830.50	1.11	79.71
51.0-52.0	23552.50	2088.87	159919.40	1.05	80.76
52.0-53.0	22075.50	1984.81	161904.20	1.00	81.76
53.0-54.0	20690.56	1884.95	163789.20	0.95	82.71
54.0-55.0	19511.48	1794.55	165583.70	0.91	83.62
55.0-56.0	18371.42	1711.82	167295.50	0.86	84.49
56.0-57.0	17271.96	1629.70	168925.30	0.82	85.31
57.0-58.0	16434.75	1558.72	170484.00	0.79	86.10
58.0-59.0	15468.25	1491.49	171975.50	0.75	86.85
59.0-60.0	14701.35	1425.32	173400.80	0.72	87.57
60.0-61.0	13916.18	1365.69	174766.50	0.69	88.26
61.0-62.0	13194.08	1306.33	176072.80	0.66	88.92
62.0-63.0	12611.56	1255.06	177327.80	0.63	89.55
63.0-64.0	11867.85	1201.20	178529.00	0.61	90.16
64.0-65.0	11270.70	1145.11	179674.10	0.58	90.74
65.0-66.0	10744.85	1098.44	180772.50	0.55	91.29
66.0-67.0	10142.97	1050.30	181822.80	0.53	91.82
67.0-68.0	9685.88	1004.46	182827.30	0.51	92.33
68.0-69.0	9221.51	964.56	183791.90	0.49	92.82
69.0-70.0	8773.56	924.19	184716.00	0.47	93.28
70.0-71.0	8405.04	887.88	185603.90	0.45	93.73
71.0-72.0	7943.91	850.10	186454.00	0.43	94.16
72.0-73.0	7701.51	818.14	187272.20	0.41	94.57
73.0-74.0	7368.22	792.25	188064.40	0.40	94.97
74.0-75.0	7037.56	761.15	188825.60	0.38	95.36
75.0-76.0	6783.04	733.65	189559.30	0.37	95.73
76.0-77.0	6573.95	712.13	190271.40	0.36	96.09
77.0-78.0	6355.85	692.14	190963.50	0.35	96.44
78.0-79.0	6157.97	672.36	191635.90	0.34	96.78
79.0-80.0	5969.34	653.81	192289.70	0.33	97.11
80.0-81.0	5754.76	634.02	192923.80	0.32	97.43

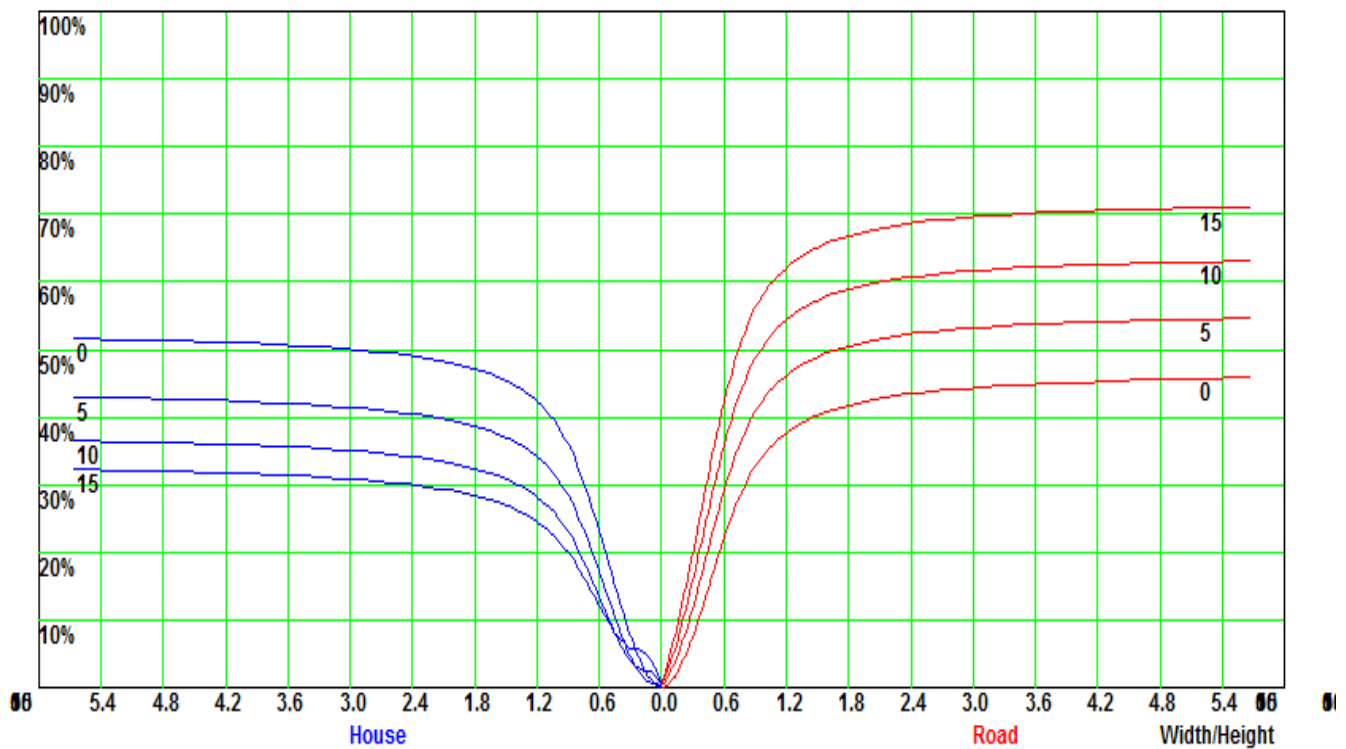


Equipment: CPM-1800      Date: 2017-12-05      Operator: Guo      Test Distance: 23.5m  
Temperature: 25      Humidity: 65%      Test Report: 20160913001

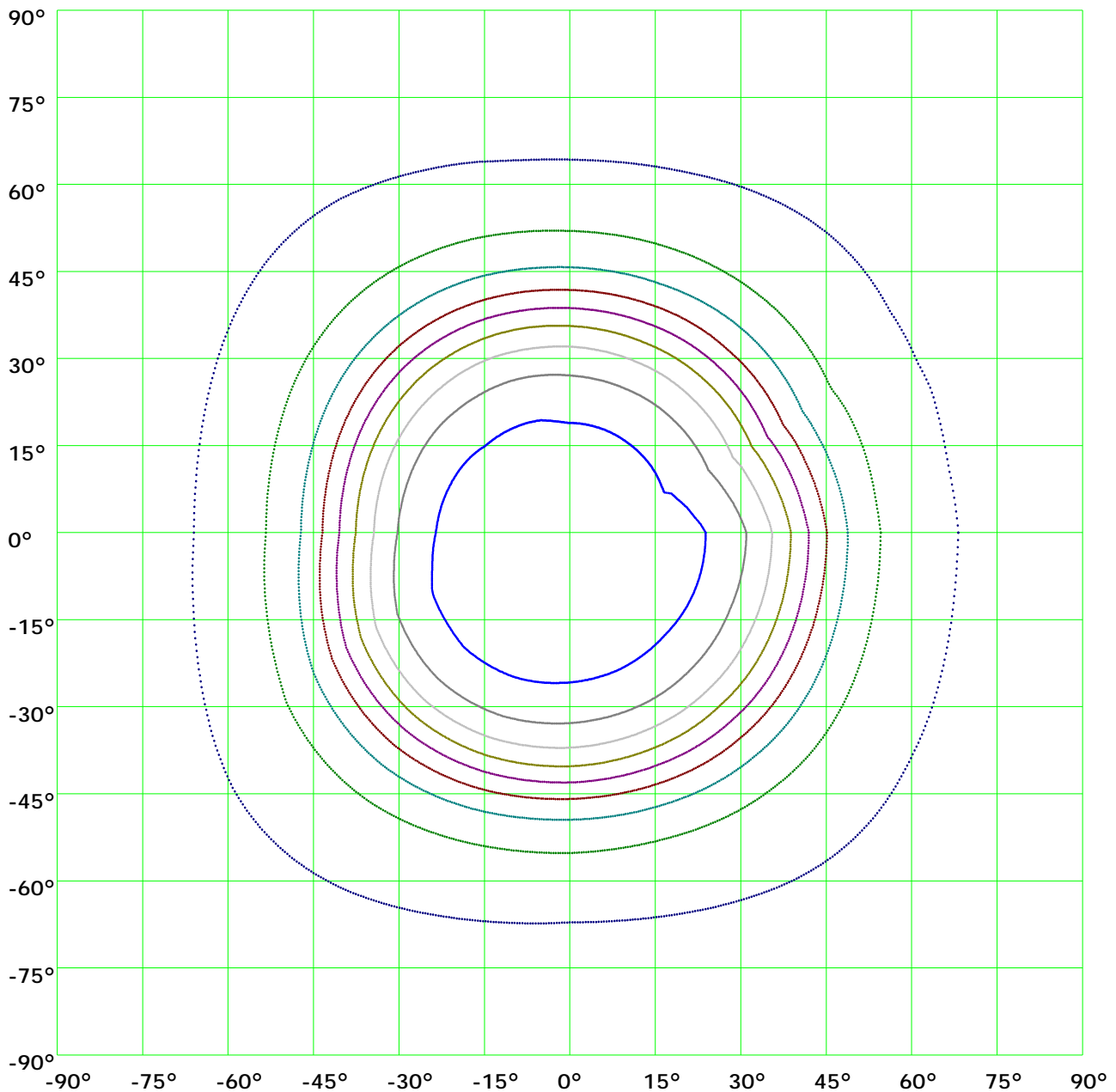
## Iso-Candela [cd]



## Coefficient Utilization Curve

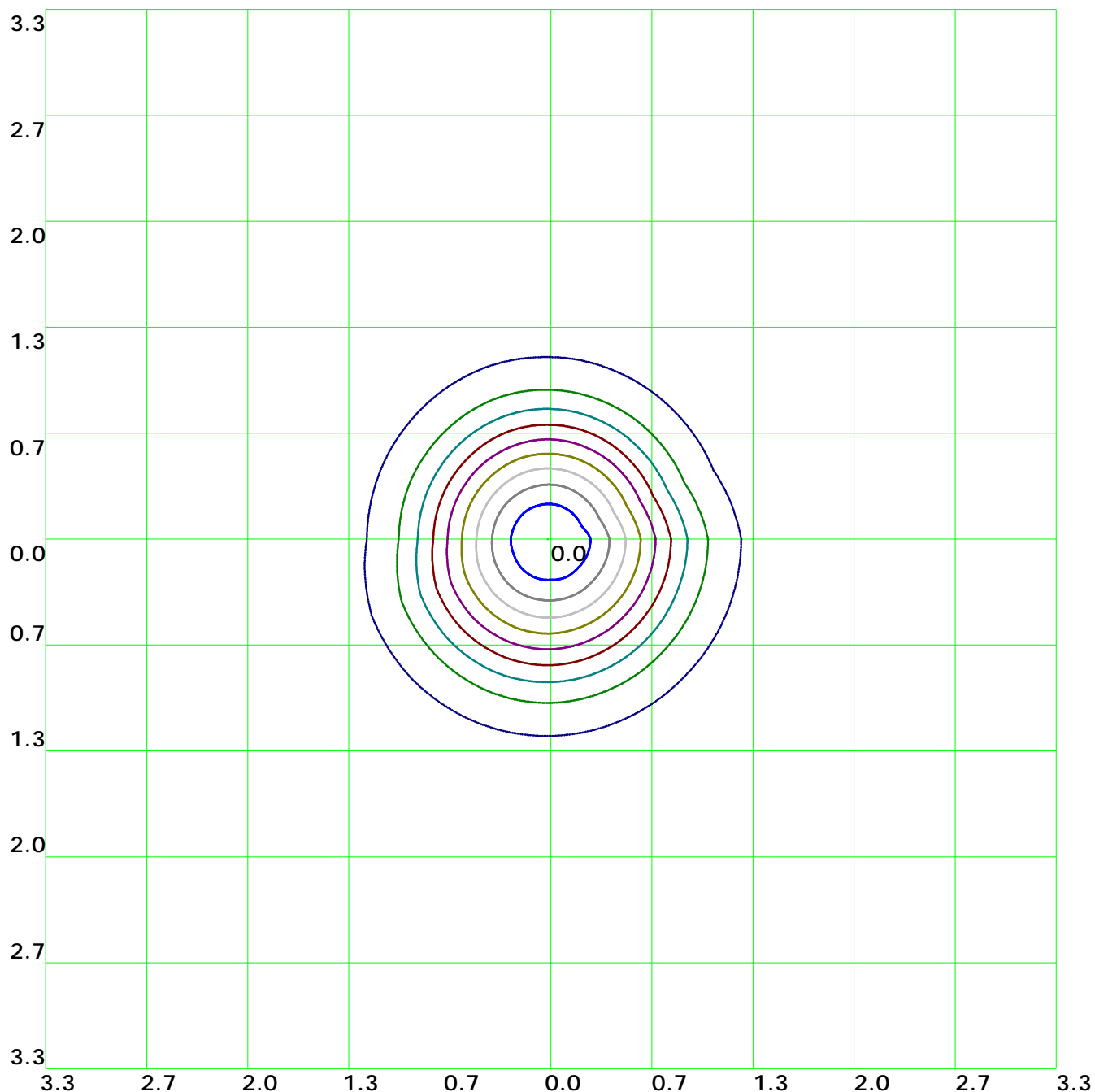


## Isocandela(rectangle)



—(10%): 10537.cd —(20%): 21074.cd —(30%): 31611.cd —(40%): 42147.9cd  
—(50%): 52684.9cd —(60%): 63221.9cd —(70%): 73758.9cd —(80%): 84295.9cd  
—(90%): 94832.9cd —(100%): 105369.9cd

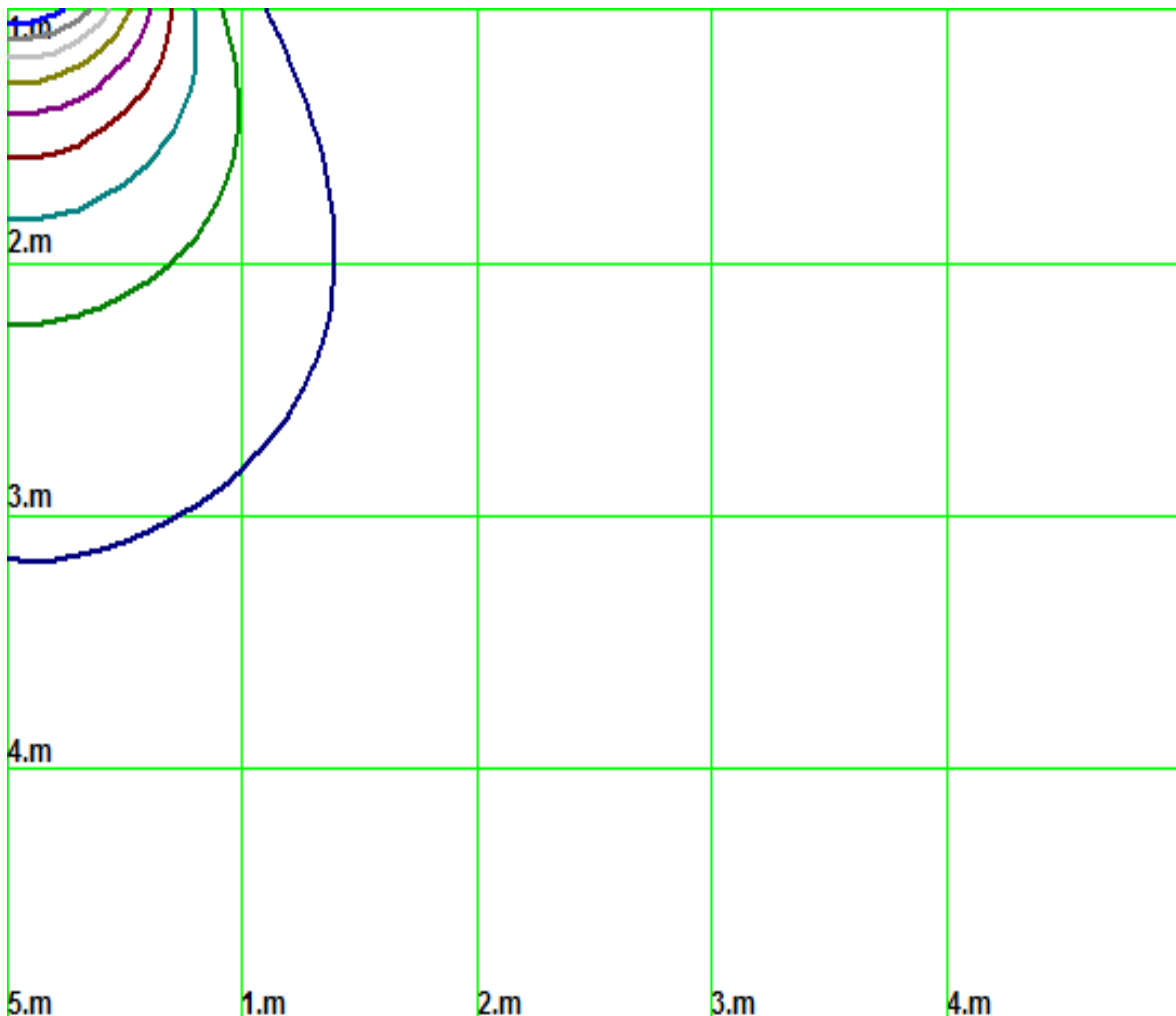
## Isolx curve



Height: 1 m

(10%): 10537.1lx	(20%): 21074.1lx	(30%): 31611.1lx	(40%): 42147.9lx
(50%): 52684.9lx	(60%): 63221.9lx	(70%): 73758.9lx	(80%): 84295.9lx
(90%): 94832.9lx	(100%): 105264.5lx		

## Space Isolx Curve



(10%): 10537.1lx    (20%): 21074.1lx    (30%): 31611.1lx    (40%): 42147.9lx  
 (50%): 52684.9lx    (60%): 63221.9lx    (70%): 73758.9lx    (80%): 84295.9lx  
 (90%): 94832.9lx    (100%): 105264.5lx

## Luminance Limitting Curve

Diameter: 291mm

Length: 291mm

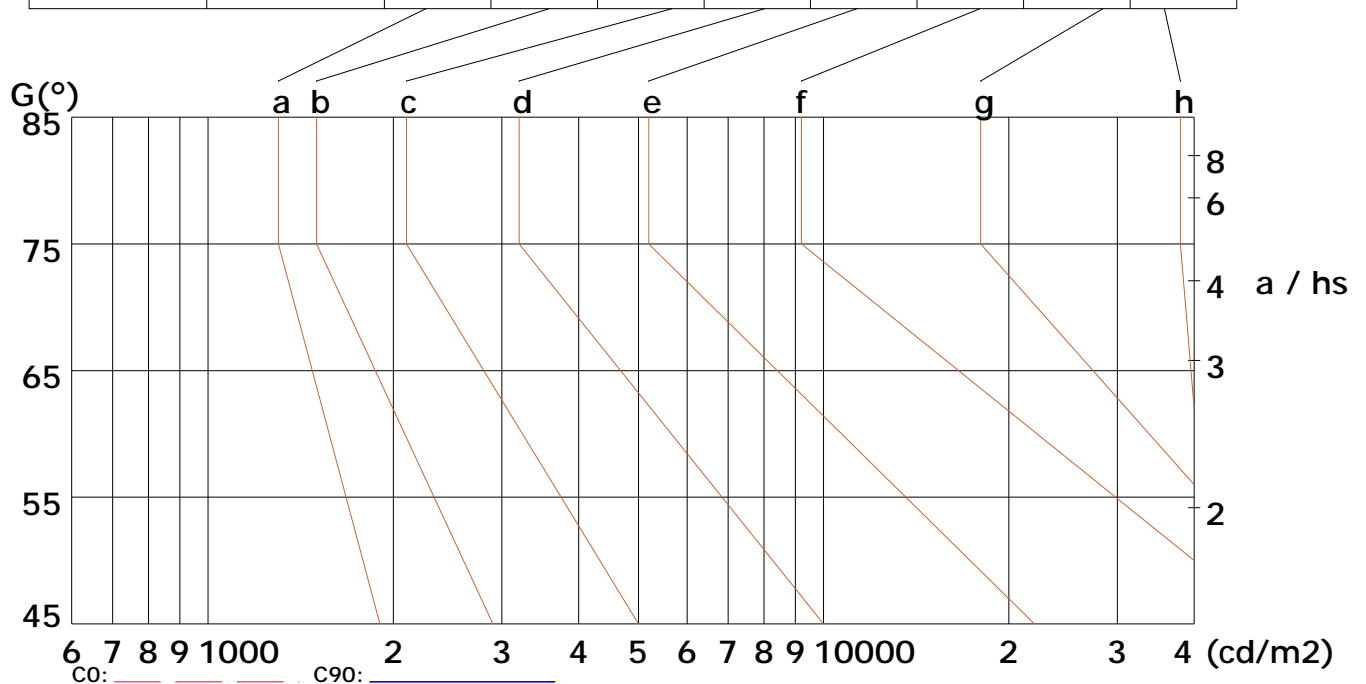
Width: 102mm

Height: 0mm

(cd/m2)

$\gamma$	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	1186787	22167	69918	89735	96815	58716	24810	07314	407622
C90	1506911	26649	6769	68152	08936	10657	54167	61876	1509954

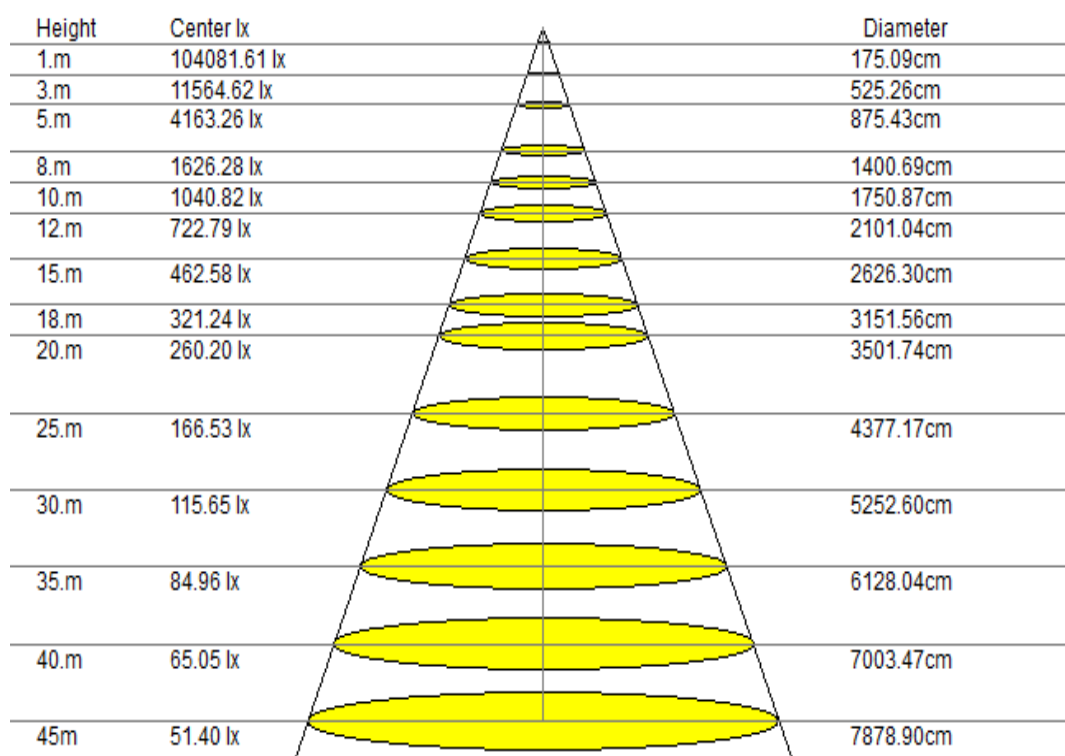
Glare	Quality	Service Values Illuminance (lx)							
1.15	A	2000	1000	500	≤300				
1.5	B		2000	1000	500	≤300			
1.85	C			2000	1000	500	≤300		
2.2	D				2000	1000	500	≤300	
2.55	E					2000	1000	500	≤300



Lum. Limitting 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

