

Luminaire Property

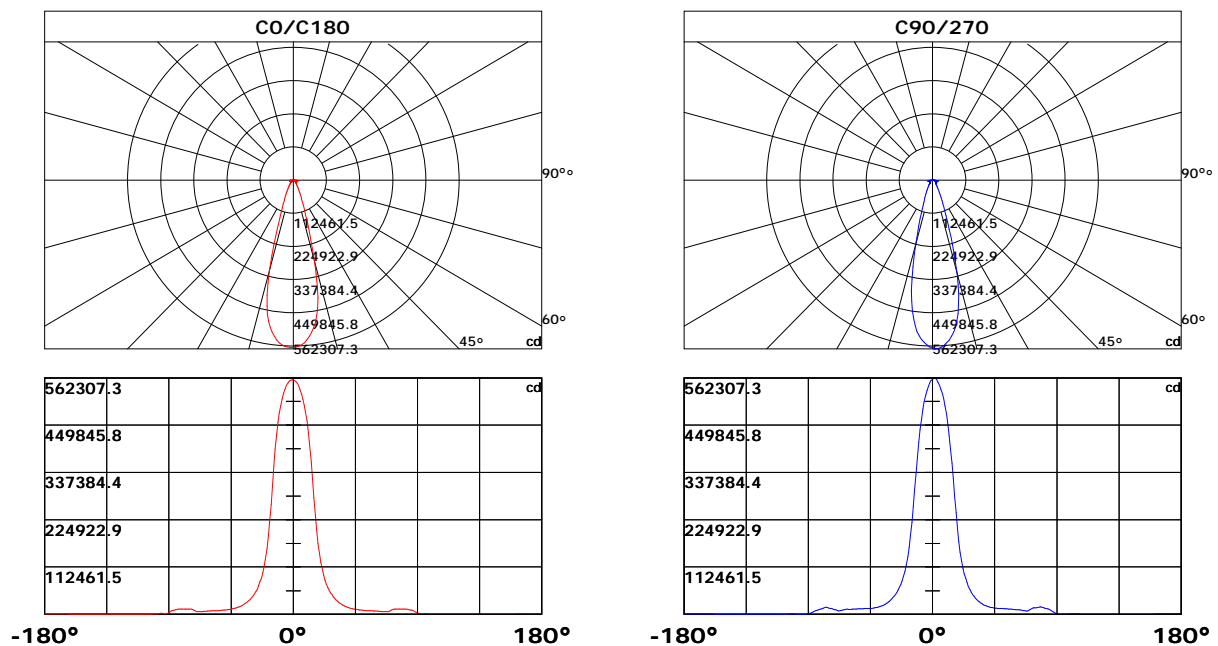
Luminaire Description: T500-1440W-30D
Luminaire Category: LED FLOOD LIGHT
Lamp Category:
Lamp Description: CO-T500-1440W-30D
Number of Lamp: 1
Lamp Lumens(lm): 224316
Luminous Length(m): 1.152
Luminous Width(m): 0.579
Luminous Height(m): 0.274

Voltage: 220.5 V
Current: 5.862 A
Power: 1436.2 W
Power Factor: 0.964
Test Lab: Huipu-lab
Photometric Type: Type C
Manufactory: SHENZHEN COMING TECHNOLOGY CO., LTD

Photometric Results

CIE Class: Direct
Measurement Flux: 224316.00 lm
Efficiency: 156.1872 lm/W
Central Intensity: 558427.7cd
Max. Intensity: 562307.227cd
Field Angle(10%Imax): Left: -26.1 Right: 26.4

Max.Intensity Angle: C:90.0 G:1.0
Beam Angle(50%Imax): L: -14.4 R:15.0
Luminaire Efficacy Rating(LER): 100.00%
Upward Ratio: 0.65%
Downward Ratio: 99.35%



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	558427.7	556052.4	553496.2	549349.8	542698.7	533806.6	523266.7	511225.1	497191.1	480118.1
C22.5	558427.7	558332.1	556502.4	552794.7	546792.1	538541.0	528532.5	516459.2	501720.1	484446.7
C45.0	558427.7	557839.8	556634.3	553024.8	547203.4	539327.1	527820.0	516267.4	501767.4	484692.3
C67.5	558427.7	558468.7	557149.7	553200.1	547031.8	539228.2	530071.2	519202.8	506725.5	491220.9
C90.0	558427.7	562307.2	561541.2	557766.8	551946.4	544305.4	535693.7	524848.1	512214.5	496012.1
C112.5	558427.7	561887.5	561466.6	558299.9	553299.6	546350.7	538004.5	527687.0	516668.4	502093.6
C135.0	558427.7	560533.5	560367.7	558181.8	553922.8	547404.7	539152.5	528576.5	515941.8	500918.6
C157.5	558427.7	559179.6	558976.3	557343.3	553672.2	547849.7	539901.4	529481.2	516700.5	501563.4
C180.0	558427.7	557547.9	556562.9	554221.5	550077.1	543615.4	535246.6	524786.0	512078.1	497418.5
C202.5	558427.7	557278.6	554997.3	550946.6	545038.9	537566.0	527403.8	514574.1	498714.3	479683.6
C225.0	558427.7	554657.2	550352.0	545178.7	537868.9	529252.9	518707.4	505346.3	488528.5	467941.6
C247.5	558427.7	553755.8	548380.0	541686.0	532991.9	522565.2	509815.9	493567.0	473602.0	449589.9
C270.0	558427.7	556185.7	549819.9	541805.2	532460.1	521352.7	506233.1	487763.3	464976.1	438321.0
C292.5	558427.7	556058.3	550123.3	542505.5	533372.6	522558.3	509062.5	492023.4	471222.4	446055.0
C315.0	558427.7	555389.1	550292.7	543628.4	534605.3	523976.3	510771.9	494674.6	475171.0	451905.8
C337.5	558427.7	555620.0	551868.2	546295.5	538148.3	527957.6	514974.5	499691.6	481320.4	459577.7
C360.0	558427.7	556052.4	553496.2	549349.8	542698.7	533806.6	523266.7	511225.1	497191.1	480118.1
C\G	G10.0	G11.0	G12.0	G13.0	G14.0	G15.0	G16.0	G17.0	G18.0	G19.0
C0.0	458886.5	432770.8	401670.0	363603.8	321293.4	277354.4	235355.9	198754.5	168062.2	142935.9
C22.5	463253.5	437888.9	408115.1	372850.6	333633.3	291149.1	248918.2	210900.9	178425.0	151843.5
C45.0	463845.8	440033.0	412205.1	380067.2	343398.5	302164.6	260252.5	221262.0	186900.2	158485.7
C67.5	471820.4	447529.2	419474.6	387964.1	351710.0	311766.8	269070.0	228425.1	193194.8	163431.8
C90.0	476201.1	451987.7	424251.6	393484.9	359268.0	322858.8	281350.4	241339.6	204875.3	173196.3
C112.5	485268.2	463646.9	438063.4	408885.8	373446.9	334658.8	291222.5	248691.5	210784.8	177207.4
C135.0	482858.7	461267.8	436021.1	405876.6	370475.8	330312.3	287312.1	244699.6	206224.6	173970.2
C157.5	483329.1	461533.7	434408.7	402431.1	363903.5	321642.7	277254.7	234894.4	197683.4	167172.4
C180.0	478991.2	456496.1	427917.8	393233.3	351611.5	306936.6	261656.4	220955.7	185891.8	156797.2
C202.5	456107.9	428739.7	396018.2	358363.8	316538.7	273884.4	232540.4	196655.8	166680.3	142106.5
C225.0	443021.8	412865.4	377649.6	336974.2	293946.3	251655.1	213091.6	180068.3	152947.3	130858.0
C247.5	421927.7	389679.3	352752.4	312326.0	270435.6	231162.3	195745.1	166009.7	141637.8	121773.0
C270.0	408735.7	374213.0	337356.2	297196.9	256691.1	219567.1	186501.2	159031.5	136255.5	117337.8
C292.5	417300.4	383299.3	345930.5	304049.2	263160.8	224877.9	190291.7	161657.2	138099.8	118789.3
C315.0	424848.4	392511.9	356364.7	315835.2	274000.4	234185.7	198494.1	168713.9	143758.3	123633.4
C337.5	434180.3	404214.3	370943.0	332545.8	290897.7	250038.8	212631.0	180139.9	153450.3	131512.4
C360.0	458886.5	432770.8	401670.0	363603.8	321293.4	277354.4	235355.9	198754.5	168062.2	142935.9
C\G	G20.0	G21.0	G22.0	G23.0	G24.0	G25.0	G26.0	G27.0	G28.0	G29.0
C0.0	122667.0	106001.2	92424.7	81244.2	71731.2	63821.4	57024.5	51151.5	46169.4	41644.5
C22.5	129791.6	112149.5	97662.8	85477.7	75420.3	66964.4	59710.8	53444.8	48019.2	43231.6
C45.0	135321.7	116759.3	101449.0	88581.8	78052.3	69045.9	61515.8	54978.8	49392.2	44406.6
C67.5	139215.3	119599.9	103485.1	90474.7	79472.1	70211.3	62479.1	55734.6	50003.4	44895.1
C90.0	147867.9	126680.6	109621.6	95668.8	85748.1	75827.4	65908.9	58658.4	52503.0	47121.6

Light intensity data Unit[cd]

C112.5	150251.3	128508.7	110891.2	96420.5	86290.3	76160.0	66064.3	58847.9	52591.0	47235.2
C135.0	147443.0	126260.4	109160.4	94947.0	85000.7	75054.6	65118.6	58055.3	51983.3	46706.7
C157.5	142036.1	121670.0	105174.1	91597.8	82159.3	72720.9	63350.4	56592.9	50696.9	45625.8
C180.0	133613.7	114679.6	99537.2	87161.7	78277.0	69392.4	60544.7	54218.8	48784.6	44065.8
C202.5	121956.2	105605.4	92459.3	83038.7	73618.1	64257.5	57501.1	51740.9	46644.6	42206.9
C225.0	112718.5	98396.4	88985.0	79573.5	70162.3	60779.5	54619.4	49267.1	44599.7	40475.2
C247.5	105719.4	92663.7	83374.3	74085.0	64796.6	58161.6	52482.4	47426.8	43011.4	39072.9
C270.0	102338.4	90117.2	79518.9	70880.3	63379.5	56930.1	51409.3	46361.7	42054.2	38593.6
C292.5	103196.0	90461.3	79689.9	70850.2	63312.8	56883.4	51307.6	46359.2	42044.5	38607.5
C315.0	106846.4	93621.6	82376.5	73032.3	64992.4	58199.7	52399.0	47215.5	42705.4	39100.8
C337.5	113348.7	98992.7	86631.3	76604.1	68039.4	60774.1	54515.0	48882.0	44126.8	39794.0
C360.0	122667.0	106001.2	92424.7	81244.2	71731.2	63821.4	57024.5	51151.5	46169.4	41644.5
C\G	G30.0	G31.0	G32.0	G33.0	G34.0	G35.0	G36.0	G37.0	G38.0	G39.0
C0.0	38141.9	34648.9	31155.9	28380.3	25913.9	23736.2	21810.9	20108.3	18594.6	17253.4
C22.5	39543.6	35863.0	32182.2	29336.8	26843.2	24608.0	22645.8	20923.7	19407.0	18088.8
C45.0	40112.5	36530.9	32955.8	30061.3	27460.1	25124.7	23072.8	21247.2	19641.7	18223.6
C67.5	40490.1	36866.5	33259.1	30278.4	27659.8	25311.3	23235.1	21406.5	19801.3	18379.4
C90.0	42394.0	38339.9	34758.8	31613.3	28917.2	26470.9	24378.1	22523.8	20911.7	19574.4
C112.5	42434.3	38397.8	34845.2	31634.2	28869.6	26329.2	24133.5	22202.7	20471.4	18982.3
C135.0	42048.7	38007.1	34497.1	31311.6	28605.9	26138.6	23984.0	22064.9	20368.9	18877.0
C157.5	41210.1	37220.4	33789.9	30757.1	28087.8	25688.9	23615.9	21728.4	20082.1	18661.2
C180.0	39841.6	36131.8	32872.0	29899.9	27319.0	24957.6	22884.3	21048.2	19430.3	17989.7
C202.5	38236.3	34710.4	31614.9	28867.7	26465.3	24302.3	22399.3	20695.9	19224.8	17938.5
C225.0	36809.9	33530.9	30640.7	28036.6	25719.9	23637.5	21788.4	20138.0	18675.3	17405.2
C247.5	35490.4	32444.2	29650.2	27143.7	24968.4	22971.4	21220.8	19660.7	18260.2	17037.5
C270.0	35162.6	31731.7	28962.1	26625.4	24517.9	22618.3	21012.0	19581.0	18363.7	17345.8
C292.5	35174.1	31740.6	28976.7	26554.5	24358.5	22422.0	20696.7	19152.5	17816.2	16619.3
C315.0	35515.2	31929.6	29150.5	26719.0	24542.1	22591.5	20894.4	19354.9	18020.0	16836.7
C337.5	36268.6	32757.6	29838.1	27293.9	25059.2	23035.1	21288.7	19713.3	18366.0	17160.7
C360.0	38141.9	34648.9	31155.9	28380.3	25913.9	23736.2	21810.9	20108.3	18594.6	17253.4
C\G	G40.0	G41.0	G42.0	G43.0	G44.0	G45.0	G46.0	G47.0	G48.0	G49.0
C0.0	16079.5	15031.6	14098.1	13282.3	12547.8	11922.5	11351.0	10836.2	10397.8	10016.0
C22.5	16965.4	15983.7	15154.1	14448.7	13824.0	13288.5	12822.1	12436.4	12103.6	11817.6
C45.0	16962.1	15896.5	14958.3	14145.9	13448.9	12872.7	12398.1	11988.0	11572.8	11170.9
C67.5	17145.6	16057.2	15102.8	14273.5	13551.4	12926.0	12402.6	11939.5	11549.8	11204.0
C90.0	18369.6	17406.5	16568.6	15901.9	15376.3	14931.4	14585.7	14339.9	14137.9	13949.1
C112.5	17623.5	16464.1	15439.9	14533.3	13767.6	13083.0	12477.0	11984.0	11525.6	11146.6
C135.0	17521.1	16374.5	15386.1	14514.7	13770.3	13133.6	12584.4	12125.2	11717.9	11388.6
C157.5	17391.6	16310.5	15363.9	14545.4	13857.8	13278.8	12791.1	12380.9	12046.5	11762.7
C180.0	16712.9	15591.9	14613.9	13736.6	12969.1	12298.8	11701.1	11181.1	10727.7	10328.9
C202.5	16830.4	15879.8	15062.0	14384.4	13811.2	13342.3	12944.8	12611.5	12358.6	12149.7
C225.0	16248.8	15271.9	14404.9	13648.9	13005.0	12439.9	11969.5	11563.8	11205.7	10895.5

Light intensity data Unit[cd]

C247.5	15964.2	15034.4	14235.6	13528.0	12928.2	12410.9	11962.6	11598.9	11266.9	10990.1
C270.0	16457.8	15752.8	15178.3	14710.0	14371.6	14094.7	13885.8	13721.2	13599.3	13494.9
C292.5	15571.0	14656.8	13860.8	13174.8	12566.9	12039.8	11586.1	11193.9	10853.3	10566.3
C315.0	15798.9	14897.0	14111.7	13462.9	12927.3	12503.8	12131.7	11761.9	11356.4	10983.4
C337.5	16130.6	15242.2	14474.0	13815.7	13226.6	12731.8	12300.1	11933.6	11619.5	11347.1
C360.0	16079.5	15031.6	14098.1	13282.3	12547.8	11922.5	11351.0	10836.2	10397.8	10016.0
C\G	G50.0	G51.0	G52.0	G53.0	G54.0	G55.0	G56.0	G57.0	G58.0	G59.0
C0.0	9694.9	9416.1	9169.9	8955.8	8756.3	8572.0	8405.1	8235.8	8055.9	7887.5
C22.5	11572.1	11322.1	11107.6	10891.6	10671.8	10440.9	10194.0	9965.3	9721.0	9561.5
C45.0	10800.1	10501.0	10249.3	10045.5	9877.6	9709.6	9518.8	9281.0	9023.6	8801.5
C67.5	10920.7	10673.4	10474.7	10320.7	10199.5	10091.1	9946.3	9716.1	9481.2	9247.4
C90.0	13779.5	13595.7	13404.6	13157.9	12887.7	12646.8	12417.7	12013.6	11656.6	11371.9
C112.5	10821.1	10553.2	10323.1	10130.2	9981.9	9864.1	9718.0	9531.1	9309.7	9086.9
C135.0	11105.5	10890.7	10740.0	10586.0	10400.2	10160.3	9918.4	9656.4	9378.5	9137.4
C157.5	11502.2	11255.3	11027.8	10812.5	10603.5	10382.7	10124.8	9860.9	9612.9	9378.2
C180.0	9979.4	9677.1	9431.9	9213.7	9008.3	8829.6	8648.2	8470.9	8296.8	8115.3
C202.5	11962.1	11794.6	11620.4	11450.5	11231.9	11016.0	10773.4	10516.9	10304.5	10095.1
C225.0	10642.8	10431.7	10256.5	10130.7	10008.2	9879.3	9716.1	9511.0	9253.4	8994.5
C247.5	10751.2	10552.0	10385.0	10256.5	10144.1	10055.2	9939.1	9763.3	9516.4	9277.9
C270.0	13388.7	13281.2	13166.3	13038.7	12872.2	12706.4	12518.0	12205.8	11923.7	11694.7
C292.5	10323.5	10122.9	9965.9	9836.1	9721.0	9621.9	9499.0	9330.8	9128.9	8913.9
C315.0	10686.6	10429.2	10230.4	10058.0	9897.6	9722.4	9531.6	9312.2	9066.1	8846.1
C337.5	11104.0	10880.6	10677.4	10480.8	10288.6	10076.7	9863.7	9632.8	9408.8	9245.3
C360.0	9694.9	9416.1	9169.9	8955.8	8756.3	8572.0	8405.1	8235.8	8055.9	7887.5
C\G	G60.0	G61.0	G62.0	G63.0	G64.0	G65.0	G66.0	G67.0	G68.0	G69.0
C0.0	7697.0	7487.0	7257.3	7011.3	6764.9	6520.4	6274.4	6052.7	5924.6	6437.9
C22.5	9418.8	9315.6	9191.6	9081.1	8941.8	8568.6	8143.7	7740.4	7402.3	7819.2
C45.0	8597.8	8413.3	8239.5	8055.4	7844.8	7614.0	7386.2	7172.5	6981.5	6996.2
C67.5	9004.5	8758.6	8514.6	8276.5	8031.5	7766.3	7486.2	7190.1	6917.1	6683.5
C90.0	11146.4	11009.7	11236.9	11072.2	10163.3	9540.6	8991.3	8190.2	7853.5	8066.8
C112.5	8854.1	8601.2	8358.7	8122.3	7879.0	7643.4	7407.1	7201.5	7014.6	6828.7
C135.0	8941.2	8753.0	8572.5	8370.1	8149.5	7923.4	7713.4	7530.2	7280.4	7000.5
C157.5	9202.5	9036.2	8886.7	8701.7	8488.9	8290.7	8025.8	7691.7	7323.5	7074.3
C180.0	7937.5	7739.2	7526.6	7318.8	7081.4	6842.3	6603.9	6383.0	6180.3	6067.0
C202.5	9926.5	9816.3	9799.6	9764.4	9671.8	9302.2	8777.7	8228.6	7792.0	7552.4
C225.0	8773.6	8576.2	8378.5	8178.4	7958.8	7722.3	7444.1	7195.6	6961.1	6792.1
C247.5	9055.8	8810.7	8581.4	8352.3	8109.6	7862.7	7582.8	7288.2	7028.1	6784.9
C270.0	11521.4	11556.5	11996.8	11799.2	10842.0	10197.5	9382.7	8385.6	8028.0	9246.4
C292.5	8690.0	8443.6	8190.4	7939.0	7694.2	7447.9	7189.9	6933.0	6686.6	6513.7
C315.0	8655.3	8479.5	8281.3	8069.6	7834.0	7629.3	7426.2	7228.5	6995.1	6876.3
C337.5	9113.3	8995.9	8878.6	8759.1	8588.9	8429.4	8089.7	7678.9	7349.6	7524.1
C360.0	7697.0	7487.0	7257.3	7011.3	6764.9	6520.4	6274.4	6052.7	5924.6	6437.9

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	7972.6	9730.0	11706.1	12595.3	12631.0	12610.6	12612.6	12617.6	12597.9	12543.5
C22.5	9490.4	11933.1	13912.0	14531.5	14480.5	14677.4	15227.1	15138.3	14380.2	13807.0
C45.0	8169.0	11040.3	13801.2	14995.3	14852.5	14489.3	14274.3	14184.2	13927.6	13636.1
C67.5	7078.9	9617.8	13378.7	15080.1	14998.1	14633.9	14395.8	14293.0	14145.1	14017.3
C90.0	10477.4	11311.3	13991.1	15654.9	15513.9	15233.7	16033.6	17200.2	17358.6	16713.4
C112.5	6901.9	8956.6	12398.4	14150.1	14247.1	13981.4	13826.6	13852.4	13865.5	13859.2
C135.0	7097.4	9006.9	11411.0	13155.6	13730.4	13793.4	13830.4	13895.9	13983.9	13811.2
C157.5	7488.7	9325.9	11396.5	12845.5	13685.6	13933.3	14115.9	14461.6	14616.9	13864.5
C180.0	6556.5	8399.5	10488.2	11644.5	12461.2	12648.2	12572.8	12428.6	12305.5	12212.4
C202.5	8318.6	10370.8	12333.3	13343.7	14022.7	14684.8	16179.0	17334.1	15969.2	13860.8
C225.0	6955.4	8536.9	10572.3	12145.0	13055.7	13220.5	13261.8	13311.7	13336.5	13133.9
C247.5	6721.7	7509.8	9625.7	11840.6	13027.3	13178.0	13080.7	12985.0	12901.9	12746.5
C270.0	11089.9	11087.3	12428.8	13493.8	13974.8	14684.0	15894.7	16643.2	16022.1	14813.5
C292.5	7151.9	9587.4	11885.0	12550.3	12554.9	12527.6	12580.6	12621.2	12621.8	12508.7
C315.0	7850.6	9909.1	11792.1	12622.1	12738.0	12829.9	12990.2	13127.6	13028.7	12584.5
C337.5	9056.0	10844.8	12607.0	13560.6	13789.6	14319.0	14913.2	14848.7	13955.5	13089.7
C360.0	7972.6	9730.0	11706.1	12595.3	12631.0	12610.6	12612.6	12617.6	12597.9	12543.5
C\G	G80.0	G81.0	G82.0	G83.0	G84.0	G85.0	G86.0	G87.0	G88.0	G89.0
C0.0	12399.3	12169.3	11932.2	11657.4	11013.5	10461.5	9676.0	8411.0	6740.4	5017.0
C22.5	13404.0	13107.7	12537.4	11718.4	10700.5	9472.1	8045.0	6558.8	5174.3	4006.7
C45.0	13292.1	13030.7	12802.9	12576.4	12277.9	11752.6	11060.1	10140.1	8655.6	6655.6
C67.5	13835.7	13509.4	13184.1	12853.0	12562.0	12135.0	11539.5	10613.9	8732.7	5766.4
C90.0	15795.2	14782.9	13864.7	13017.8	12154.2	10785.9	8776.4	6598.3	4637.7	2956.8
C112.5	13823.3	13744.1	13547.5	13422.7	13020.6	12448.5	11817.0	10974.2	9586.2	7426.2
C135.0	13421.6	13109.2	12869.3	12684.1	12297.0	11691.0	10990.4	10184.2	9187.7	7734.6
C157.5	13033.4	12724.9	12472.0	12048.6	11374.5	10565.2	9598.7	8502.9	7302.3	6057.8
C180.0	12150.8	12094.9	11989.0	12123.0	11692.4	11067.6	10535.3	9570.9	8079.9	6459.9
C202.5	12811.1	12509.0	12230.3	11644.9	10868.1	9883.2	8705.3	7331.1	5950.6	4715.7
C225.0	12596.1	12024.7	11596.6	11247.8	10948.7	10599.1	10083.9	9363.7	8336.6	6767.4
C247.5	12522.7	12133.3	11646.8	11271.4	10945.8	10497.1	10053.0	9394.4	8341.7	6261.9
C270.0	13413.3	12231.4	11357.5	10486.3	9604.6	8258.2	6391.6	4656.7	3213.5	2142.7
C292.5	12331.9	11998.6	11617.6	11235.8	10708.9	10202.8	9544.5	8662.4	7282.3	5306.1
C315.0	12137.5	11704.1	11283.7	10944.2	10444.8	9787.4	8888.7	7465.5	5477.4	3926.5
C337.5	12619.5	12319.4	11821.4	11162.0	10354.4	9361.2	7879.6	6125.1	4663.0	3447.1
C360.0	12399.3	12169.3	11932.2	11657.4	11013.5	10461.5	9676.0	8411.0	6740.4	5017.0
C\G	G90.0	G91.0	G92.0	G93.0	G94.0	G95.0	G96.0	G97.0	G98.0	G99.0
C0.0	3762.5	184.9	78.5	76.8	629.5	713.2	796.8	475.7	298.2	180.2
C22.5	2510.1	1480.1	1115.2	1055.6	995.9	999.7	1003.6	701.3	435.6	265.4
C45.0	4639.7	166.5	77.2	70.8	67.1	511.8	526.1	288.0	238.8	247.0
C67.5	3645.8	234.7	85.0	77.2	73.3	74.6	88.2	69.7	64.8	65.8
C90.0	1638.7	743.3	66.9	64.4	64.4	63.2	63.2	63.7	167.4	702.4

Light intensity data Unit[cd]

C112.5	4966.4	2392.0	80.5	71.9	73.2	73.2	73.2	75.5	55.7	50.9
C135.0	5972.0	3135.9	76.8	71.8	71.8	76.9	640.2	718.3	796.5	511.9
C157.5	4784.5	1635.5	1321.4	1237.1	1152.8	1290.2	1427.6	1194.7	1037.1	888.4
C180.0	5141.6	1825.8	1601.8	1377.8	1797.0	2163.3	2529.6	1930.7	1297.7	941.6
C202.5	3531.2	2001.6	1332.5	1237.5	1142.6	1249.3	1356.0	1123.2	968.8	835.2
C225.0	5047.3	3360.2	73.2	70.7	69.6	84.7	471.7	561.9	652.2	396.8
C247.5	3935.4	2745.6	337.3	67.1	63.3	59.6	59.6	59.6	59.8	60.8
C270.0	1353.5	882.9	123.3	62.4	57.1	54.6	52.1	49.6	48.4	169.8
C292.5	3387.0	2366.7	170.7	72.1	65.8	60.8	60.7	68.0	55.9	50.9
C315.0	2742.8	1637.3	97.8	64.4	58.4	56.9	77.4	82.8	88.2	76.6
C337.5	2377.5	225.6	74.4	68.0	416.9	472.9	268.5	188.5	135.6	130.0
C360.0	3762.5	184.9	78.5	76.8	629.5	713.2	796.8	475.7	298.2	180.2
C\G	G100.0	G101.0	G102.0	G103.0	G104.0	G105.0	G106.0	G107.0	G108.0	G109.0
C0.0	109.4	72.9	56.9	52.0	66.6	143.7	171.8	131.7	94.9	44.3
C22.5	136.5	78.9	66.0	127.8	194.4	198.6	128.3	59.4	36.7	32.3
C45.0	255.3	271.5	166.9	73.6	40.1	37.3	37.3	34.8	33.5	32.3
C67.5	64.6	64.6	64.6	64.6	60.4	56.2	49.8	47.3	43.5	43.5
C90.0	1032.5	1120.9	1209.3	1058.3	917.6	765.9	584.3	401.8	293.3	139.3
C112.5	49.6	49.6	49.6	50.9	47.1	43.4	40.9	39.6	39.6	36.0
C135.0	260.4	108.0	59.4	57.9	29.6	28.6	28.6	28.6	28.6	28.6
C157.5	716.0	522.4	346.7	200.3	97.5	61.8	60.2	35.9	33.4	32.1
C180.0	768.7	625.5	474.2	324.8	192.1	96.7	60.5	59.0	35.7	28.4
C202.5	683.5	505.8	336.4	184.0	91.7	60.7	54.3	33.5	32.3	32.3
C225.0	182.5	80.7	60.7	39.6	35.9	32.3	32.3	32.3	32.3	32.3
C247.5	62.1	62.1	59.6	57.1	47.1	41.0	42.3	41.0	41.0	41.0
C270.0	805.9	891.1	774.8	649.8	488.8	313.9	169.4	92.4	36.5	32.3
C292.5	49.6	48.4	48.4	48.4	49.6	48.4	44.8	43.4	39.8	37.3
C315.0	83.5	90.3	86.4	82.4	43.7	39.6	38.4	34.8	35.9	34.6
C337.5	96.0	75.7	56.0	50.9	75.2	90.9	106.6	69.0	37.4	35.9
C360.0	109.4	72.9	56.9	52.0	66.6	143.7	171.8	131.7	94.9	44.3
C\G	G110.0	G111.0	G112.0	G113.0	G114.0	G115.0	G116.0	G117.0	G118.0	G119.0
C0.0	36.0	35.9	35.9	35.9	35.9	35.9	35.9	35.9	23.7	22.3
C22.5	32.3	31.0	31.0	29.8	29.8	28.6	27.3	27.3	27.3	27.3
C45.0	32.3	31.0	31.0	31.0	28.6	28.6	27.3	28.6	26.1	26.1
C67.5	39.8	41.0	38.5	37.3	36.0	33.7	33.5	32.3	32.3	32.3
C90.0	105.3	62.3	28.6	26.1	26.1	26.1	26.1	26.1	26.1	26.1
C112.5	35.9	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
C135.0	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
C157.5	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
C180.0	28.4	27.1	25.9	26.1	27.1	25.9	24.8	24.8	24.8	26.1
C202.5	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
C225.0	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3

Light intensity data Unit[cd]

C247.5	41.0	39.6	34.8	34.8	33.5	33.5	33.5	33.5	33.5	33.5
C270.0	31.0	28.6	28.6	27.3	26.1	23.6	24.8	22.3	22.3	22.3
C292.5	37.1	37.1	34.8	34.8	32.3	32.3	31.0	29.8	29.8	27.3
C315.0	34.6	34.6	33.4	32.1	32.1	32.1	30.9	29.8	27.3	27.3
C337.5	34.6	35.9	33.5	33.4	34.6	33.4	32.1	29.6	29.6	29.6
C360.0	36.0	35.9	35.9	35.9	35.9	35.9	35.9	35.9	23.7	22.3
C\G	G120.0	G121.0	G122.0	G123.0	G124.0	G125.0	G126.0	G127.0	G128.0	G129.0
C0.0	25.9	32.1	38.2	39.6	39.6	40.9	43.2	45.7	49.5	39.6
C22.5	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
C45.0	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
C67.5	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
C90.0	26.1	26.1	26.1	24.8	24.8	24.8	24.8	24.8	27.3	26.1
C112.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	35.9	34.8
C135.0	28.6	28.6	28.6	28.6	28.6	28.6	29.8	30.9	32.1	33.4
C157.5	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
C180.0	29.6	35.9	37.1	38.4	38.4	38.4	38.4	38.4	39.5	38.2
C202.5	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
C225.0	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	33.5	33.5
C247.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	34.8
C270.0	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
C292.5	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
C315.0	27.3	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
C337.5	29.6	29.6	29.6	28.4	28.4	28.4	28.4	28.4	28.4	28.4
C360.0	25.9	32.1	38.2	39.6	39.6	40.9	43.2	45.7	49.5	39.6
C\G	G130.0	G131.0	G132.0	G133.0	G134.0	G135.0	G136.0	G137.0	G138.0	G139.0
C0.0	29.6	29.6	28.6	65.7	70.5	77.9	83.9	87.7	57.7	55.7
C22.5	27.3	27.3	27.3	28.6	38.2	40.9	42.1	43.4	42.3	48.2
C45.0	24.8	24.8	24.8	24.8	24.8	24.8	26.1	28.4	33.4	39.6
C67.5	32.3	32.3	32.3	32.3	32.3	33.5	34.8	39.8	39.8	44.8
C90.0	26.1	29.8	28.6	31.0	32.3	32.3	34.8	37.3	39.8	42.1
C112.5	39.8	41.0	44.6	43.4	43.4	43.4	43.4	43.5	45.9	47.1
C135.0	33.4	33.4	34.6	34.6	35.9	37.1	37.1	38.4	38.5	42.1
C157.5	32.1	34.6	35.9	34.6	37.1	37.1	38.4	37.1	39.6	42.1
C180.0	35.7	29.6	28.4	31.5	49.5	49.5	49.5	50.7	45.9	48.2
C202.5	32.3	32.3	33.5	33.5	36.0	34.8	34.8	39.8	43.5	44.9
C225.0	33.5	33.5	34.8	34.8	37.3	39.8	41.0	44.8	47.3	51.0
C247.5	34.8	36.0	38.5	41.0	42.3	43.5	44.8	47.3	49.8	51.0
C270.0	21.1	21.1	21.1	22.3	24.7	27.3	29.6	39.5	39.6	45.9
C292.5	26.1	26.1	27.3	28.6	31.0	35.9	37.1	39.6	43.4	50.7
C315.0	26.1	26.1	26.1	27.1	27.3	29.6	37.0	40.7	39.6	45.7
C337.5	28.4	29.6	30.9	38.2	39.6	42.0	40.9	42.0	45.7	50.7
C360.0	29.6	29.6	28.6	65.7	70.5	77.9	83.9	87.7	57.7	55.7

Light intensity data Unit[cd]

C\G	G140.0	G141.0	G142.0	G143.0	G144.0	G145.0	G146.0	G147.0	G148.0	G149.0
C0.0	58.2	63.0	72.7	82.7	94.9	105.0	128.1	148.4	171.3	194.7
C22.5	58.2	60.7	70.5	80.5	91.7	103.9	118.9	138.4	161.0	183.3
C45.0	44.6	53.4	62.1	71.8	82.8	100.3	116.4	136.4	157.0	181.1
C67.5	49.6	58.2	62.1	72.1	80.8	94.4	104.2	119.0	137.6	156.3
C90.0	45.9	48.4	53.4	58.4	67.1	75.7	83.3	95.5	108.1	124.2
C112.5	49.6	54.6	58.5	64.4	70.7	79.6	89.4	96.9	107.0	120.6
C135.0	43.5	48.4	53.4	58.4	64.4	73.2	82.1	93.0	104.4	120.1
C157.5	45.7	48.2	52.1	59.6	66.9	74.4	84.1	95.5	108.1	126.4
C180.0	49.5	54.5	59.4	65.7	73.0	81.9	90.5	103.0	116.2	132.6
C202.5	51.0	53.5	60.8	68.5	78.3	88.5	100.8	113.1	130.6	149.3
C225.0	56.0	61.0	67.1	74.7	83.5	90.7	102.2	116.9	137.0	157.7
C247.5	56.0	62.3	69.6	76.0	86.0	98.6	110.9	127.2	145.4	169.4
C270.0	59.1	64.4	76.8	87.7	102.5	120.3	140.9	163.4	190.0	217.3
C292.5	56.9	67.9	77.9	90.3	105.2	122.3	142.5	166.8	193.0	218.9
C315.0	58.0	63.2	72.9	85.2	98.8	110.0	130.7	151.7	177.7	203.8
C337.5	60.4	66.8	76.6	87.8	102.2	118.6	139.3	158.1	183.3	207.8
C360.0	58.2	63.0	72.7	82.7	94.9	105.0	128.1	148.4	171.3	194.7
C\G	G150.0	G151.0	G152.0	G153.0	G154.0	G155.0	G156.0	G157.0	G158.0	G159.0
C0.0	215.9	238.6	258.2	277.1	298.8	323.6	348.2	374.8	403.0	432.2
C22.5	207.2	230.3	252.9	274.9	298.8	322.7	348.9	376.8	405.0	435.2
C45.0	206.7	233.3	260.1	284.1	308.3	338.3	363.2	391.3	415.5	440.5
C67.5	177.6	198.8	220.0	240.7	261.8	285.5	313.0	338.0	360.3	382.7
C90.0	141.5	164.0	188.6	216.1	243.1	270.2	298.0	326.4	353.2	384.4
C112.5	137.0	158.8	181.5	206.6	233.6	262.4	288.5	316.0	342.8	371.0
C135.0	138.9	160.2	183.3	207.0	232.2	257.8	282.7	308.9	334.4	359.6
C157.5	146.4	167.7	191.9	217.2	242.6	267.6	291.3	319.2	345.8	368.8
C180.0	152.7	172.1	190.7	198.0	203.3	241.5	292.1	320.5	344.3	370.1
C202.5	171.8	199.1	229.7	256.5	283.0	307.1	323.0	333.1	348.1	369.9
C225.0	181.5	206.7	233.6	256.0	277.4	295.5	310.6	324.5	344.2	370.7
C247.5	193.5	221.6	249.3	279.8	308.9	335.5	363.4	388.2	413.5	438.0
C270.0	243.7	273.0	295.8	322.2	347.6	371.5	397.6	419.6	443.6	472.6
C292.5	246.7	273.4	298.6	324.2	351.7	378.0	404.3	431.3	458.2	484.6
C315.0	232.2	259.0	284.4	312.5	342.5	372.4	400.7	428.8	458.4	484.9
C337.5	234.5	256.7	279.1	300.5	321.6	347.2	372.0	399.9	420.3	446.5
C360.0	215.9	238.6	258.2	277.1	298.8	323.6	348.2	374.8	403.0	432.2
C\G	G160.0	G161.0	G162.0	G163.0	G164.0	G165.0	G166.0	G167.0	G168.0	G169.0
C0.0	459.5	484.3	509.3	530.0	550.3	569.8	589.6	598.7	622.2	650.5
C22.5	462.8	486.5	508.5	527.4	546.9	554.8	574.6	598.8	623.9	659.2
C45.0	463.6	483.7	507.4	534.1	555.8	579.5	603.7	628.9	655.1	673.6
C67.5	411.1	440.9	471.8	501.0	530.2	556.9	583.1	609.0	631.6	655.0
C90.0	412.8	438.7	463.6	488.5	516.0	540.5	564.0	589.2	612.7	632.2

Light intensity data Unit[cd]

C112.5	399.6	426.1	454.0	481.6	509.1	535.3	560.9	583.5	606.8	633.0
C135.0	385.7	412.5	436.6	465.6	493.0	518.0	541.3	566.2	591.3	615.4
C157.5	395.8	421.1	445.5	470.4	494.0	516.3	535.9	556.1	579.0	602.7
C180.0	392.4	416.4	441.9	469.3	491.8	512.2	533.4	552.3	572.9	590.4
C202.5	395.2	423.8	453.6	479.6	506.0	532.8	556.2	577.4	598.5	613.5
C225.0	404.6	438.7	469.2	496.8	524.2	549.2	570.0	588.8	609.4	625.8
C247.5	462.9	489.8	513.9	538.9	562.0	580.7	597.1	612.2	628.3	647.8
C270.0	499.1	525.2	551.5	578.2	598.7	618.2	636.9	655.8	672.6	695.2
C292.5	512.1	535.6	558.9	579.0	597.4	614.9	632.4	655.5	675.6	697.6
C315.0	507.2	527.1	544.7	560.4	580.1	598.8	617.4	638.8	660.5	684.5
C337.5	470.7	493.2	512.1	533.9	552.8	575.9	597.0	618.3	641.4	662.8
C360.0	459.5	484.3	509.3	530.0	550.3	569.8	589.6	598.7	622.2	650.5
C\G	G170.0	G171.0	G172.0	G173.0	G174.0	G175.0	G176.0	G177.0	G178.0	G179.0
C0.0	680.7	718.2	745.6	770.5	794.6	797.8	797.9	797.9	797.9	797.9
C22.5	679.8	698.5	714.9	733.2	754.7	763.4	773.3	775.9	779.7	785.7
C45.0	698.5	721.6	741.7	765.5	788.7	799.0	801.8	804.2	804.3	804.3
C67.5	672.3	684.9	701.0	719.7	744.7	756.9	768.1	774.5	779.5	780.7
C90.0	655.8	671.8	688.1	710.4	721.6	736.3	746.3	776.1	787.1	797.0
C112.5	656.6	673.6	686.0	704.5	714.6	728.3	742.5	770.3	785.3	794.9
C135.0	639.1	656.6	670.0	692.8	718.2	741.0	768.3	797.3	801.2	813.5
C157.5	626.3	644.7	663.6	689.2	719.0	747.8	774.4	802.0	816.3	816.3
C180.0	605.4	621.1	635.0	658.4	682.3	709.0	736.3	780.9	802.7	802.7
C202.5	624.4	631.0	643.8	667.9	693.2	726.5	755.5	787.1	800.7	800.7
C225.0	641.9	653.0	662.0	685.1	710.2	733.0	759.7	788.2	793.1	794.3
C247.5	665.1	675.3	686.8	709.0	731.9	755.0	779.8	800.7	806.8	805.6
C270.0	699.0	708.8	717.6	733.3	774.4	798.2	804.3	814.3	813.2	813.0
C292.5	721.3	741.4	752.7	768.6	789.3	799.6	809.8	817.1	816.0	816.0
C315.0	705.1	728.8	745.0	765.0	790.6	797.3	807.0	814.5	814.6	817.1
C337.5	690.4	717.9	747.8	774.4	798.7	810.1	810.2	810.2	804.2	802.7
C360.0	680.7	718.2	745.6	770.5	794.6	797.8	797.9	797.9	797.9	797.9
C\G	G180.0									
C0.0	797.9									
C22.5	797.9									
C45.0	797.9									
C67.5	797.9									
C90.0	797.9									
C112.5	797.9									
C135.0	797.9									
C157.5	797.9									
C180.0	797.9									
C202.5	797.9									
C225.0	797.9									

Light intensity data Unit[cd]

C247.5	797.9									
C270.0	797.9									
C292.5	797.9									
C315.0	797.9									
C337.5	797.9									
C360.0	797.9									

Zonal Luminous Flux Data

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
0.0	558427.60	0.00	0.00	0.00	0.00
0.0-1.0	557568.40	533.98	533.98	0.24	0.24
1.0-2.0	554908.20	1596.73	2130.72	0.71	0.95
2.0-3.0	550389.30	2643.51	4774.22	1.18	2.13
3.0-4.0	543820.60	3662.67	8436.89	1.63	3.76
4.0-5.0	535353.60	4642.55	13079.44	2.07	5.83
5.0-6.0	524666.20	5570.69	18650.13	2.48	8.31
6.0-7.0	511635.90	6432.31	25082.43	2.87	11.18
7.0-8.0	495908.90	7210.81	32293.24	3.21	14.40
8.0-9.0	476972.40	7884.67	40177.91	3.51	17.91
9.0-10.0	454411.10	8428.68	48606.60	3.76	21.67
10.0-11.0	427417.30	8811.28	57417.87	3.93	25.60
11.0-12.0	396196.30	9003.28	66421.15	4.01	29.61
12.0-13.0	360355.50	8978.36	75399.52	4.00	33.61
13.0-14.0	320900.80	8720.02	84119.54	3.89	37.50
14.0-15.0	280263.50	8253.05	92372.58	3.68	41.18
15.0-16.0	240105.50	7624.86	99997.45	3.40	44.58
16.0-17.0	203887.50	6914.16	106911.60	3.08	47.66
17.0-18.0	172804.40	6210.83	113122.40	2.77	50.43
18.0-19.0	146940.70	5562.91	118685.30	2.48	52.91
19.0-20.0	125895.70	4993.66	123679.00	2.23	55.14
20.0-21.0	108885.50	4508.27	128187.30	2.01	57.15
21.0-22.0	95152.58	4100.23	132287.50	1.83	58.97
22.0-23.0	83727.38	3753.39	136040.90	1.67	60.65
23.0-24.0	74403.26	3457.30	139498.20	1.54	62.19
24.0-25.0	65949.02	3191.30	142689.50	1.42	63.61
25.0-26.0	58496.93	2937.56	145627.00	1.31	64.92
26.0-27.0	52433.52	2713.94	148341.00	1.21	66.13
27.0-28.0	47208.11	2522.72	150863.70	1.12	67.25
28.0-29.0	42673.98	2351.57	153215.30	1.05	68.30
29.0-30.0	38679.61	2196.53	155411.80	0.98	69.28
30.0-31.0	35053.20	2051.88	157463.70	0.91	70.20
31.0-32.0	31821.81	1915.89	159379.60	0.85	71.05
32.0-33.0	29032.10	1792.78	161172.40	0.80	71.85
33.0-34.0	26581.74	1683.04	162855.40	0.75	72.60
34.0-35.0	24371.46	1582.42	164437.80	0.71	73.31
35.0-36.0	22441.30	1490.53	165928.40	0.66	73.97
36.0-37.0	20721.87	1407.74	167336.10	0.63	74.60
37.0-38.0	19214.69	1333.03	168669.10	0.59	75.19
38.0-39.0	17898.34	1266.77	169935.90	0.56	75.76
39.0-40.0	16735.82	1207.92	171143.80	0.54	76.30

Zonal Luminous Flux Data

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
40.0-41.0	15740.70	1156.47	172300.30	0.52	76.81
41.0-42.0	14875.80	1112.35	173412.60	0.50	77.31
42.0-43.0	14131.68	1074.52	174487.10	0.48	77.79
43.0-44.0	13496.88	1042.78	175529.80	0.46	78.25
44.0-45.0	12956.16	1016.62	176546.50	0.45	78.70
45.0-46.0	12493.34	995.28	177541.80	0.44	79.15
46.0-47.0	12099.75	978.13	178519.90	0.44	79.58
47.0-48.0	11752.46	964.23	179484.10	0.43	80.01
48.0-49.0	11450.71	952.85	180437.00	0.42	80.44
49.0-50.0	11189.64	943.95	181380.90	0.42	80.86
50.0-51.0	10961.04	937.16	182318.10	0.42	81.28
51.0-52.0	10764.43	932.26	183250.30	0.42	81.69
52.0-53.0	10585.34	928.71	184179.00	0.41	82.11
53.0-54.0	10409.39	925.36	185104.40	0.41	82.52
54.0-55.0	10235.93	921.57	186026.00	0.41	82.93
55.0-56.0	10045.76	916.47	186942.50	0.41	83.34
56.0-57.0	9812.74	907.98	187850.40	0.40	83.74
57.0-58.0	9571.12	896.38	188746.80	0.40	84.14
58.0-59.0	9353.46	884.74	189631.60	0.39	84.54
59.0-60.0	9158.47	874.57	190506.10	0.39	84.93
60.0-61.0	8987.04	865.94	191372.10	0.39	85.31
61.0-62.0	8868.20	860.37	192232.50	0.38	85.70
62.0-63.0	8679.47	853.43	193085.90	0.38	86.08
63.0-64.0	8377.77	836.99	193922.90	0.37	86.45
64.0-65.0	8081.32	814.55	194737.40	0.36	86.81
65.0-66.0	7745.33	789.65	195527.10	0.35	87.17
66.0-67.0	7380.67	760.58	196287.70	0.34	87.50
67.0-68.0	7107.39	733.92	197021.60	0.33	87.83
68.0-69.0	7141.51	726.91	197748.50	0.32	88.16
69.0-70.0	8023.56	778.85	198527.40	0.35	88.50
70.0-71.0	9822.98	922.41	199449.80	0.41	88.91
71.0-72.0	12107.95	1140.34	200590.10	0.51	89.42
72.0-73.0	13388.06	1333.26	201923.30	0.59	90.02
73.0-74.0	13735.21	1425.94	203349.30	0.64	90.65
74.0-75.0	13840.31	1456.99	204806.30	0.65	91.30
75.0-76.0	14111.83	1483.81	206290.10	0.66	91.96
76.0-77.0	14308.97	1515.27	207805.30	0.68	92.64
77.0-78.0	14063.55	1518.80	209324.10	0.68	93.32
78.0-79.0	13575.13	1485.02	210809.20	0.66	93.98
79.0-80.0	13099.21	1438.08	212247.20	0.64	94.62
80.0-81.0	12699.61	1395.16	213642.40	0.62	95.24

Zonal Luminous Flux Data

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
81.0-82.0	12297.06	1355.52	214997.90	0.60	95.85
82.0-83.0	11880.87	1314.35	216312.20	0.59	96.43
83.0-84.0	11310.50	1263.42	217575.60	0.56	97.00
84.0-85.0	10560.52	1193.68	218769.30	0.53	97.53
85.0-86.0	9599.06	1101.95	219871.30	0.49	98.02
86.0-87.0	8409.57	985.58	220856.80	0.44	98.46
87.0-88.0	6960.12	841.92	221698.80	0.38	98.83
88.0-89.0	5290.53	671.48	222370.20	0.30	99.13
89.0-90.0	3714.76	493.75	222864.00	0.22	99.35
90.0-91.0	1563.66	289.41	223153.40	0.13	99.48
91.0-92.0	419.54	108.70	223262.10	0.05	99.53
92.0-93.0	359.11	42.65	223304.80	0.02	99.55
93.0-94.0	424.92	42.91	223347.70	0.02	99.57
94.0-95.0	500.31	50.57	223398.20	0.02	99.59
95.0-96.0	593.40	59.69	223457.90	0.03	99.62
96.0-97.0	478.21	58.38	223516.30	0.03	99.64
97.0-98.0	400.03	47.74	223564.00	0.02	99.66
98.0-99.0	348.36	40.58	223604.60	0.02	99.68
99.0-100.0	334.76	36.94	223641.60	0.02	99.70
100.0-101.0	291.77	33.78	223675.40	0.02	99.71
101.0-102.0	244.75	28.83	223704.20	0.01	99.73
102.0-103.0	195.15	23.55	223727.80	0.01	99.74
103.0-104.0	154.85	18.66	223746.40	0.01	99.75
104.0-105.0	128.69	15.05	223761.50	0.01	99.75
105.0-106.0	103.10	12.25	223773.70	0.01	99.76
106.0-107.0	74.02	9.31	223783.00	0.00	99.76
107.0-108.0	55.91	6.79	223789.80	0.00	99.77
108.0-109.0	41.41	5.06	223794.90	0.00	99.77
109.0-110.0	38.36	4.12	223799.00	0.00	99.77
110.0-111.0	35.19	3.78	223802.80	0.00	99.77
111.0-112.0	32.18	3.44	223806.20	0.00	99.77
112.0-113.0	31.71	3.24	223809.40	0.00	99.77
113.0-114.0	31.31	3.17	223812.60	0.00	99.78
114.0-115.0	30.78	3.10	223815.70	0.00	99.78
115.0-116.0	30.39	3.03	223818.70	0.00	99.78
116.0-117.0	29.93	2.96	223821.70	0.00	99.78
117.0-118.0	28.85	2.86	223824.50	0.00	99.78
118.0-119.0	28.69	2.77	223827.30	0.00	99.78
119.0-120.0	28.90	2.75	223830.00	0.00	99.78
120.0-121.0	29.61	2.76	223832.80	0.00	99.78
121.0-122.0	30.06	2.79	223835.60	0.00	99.79

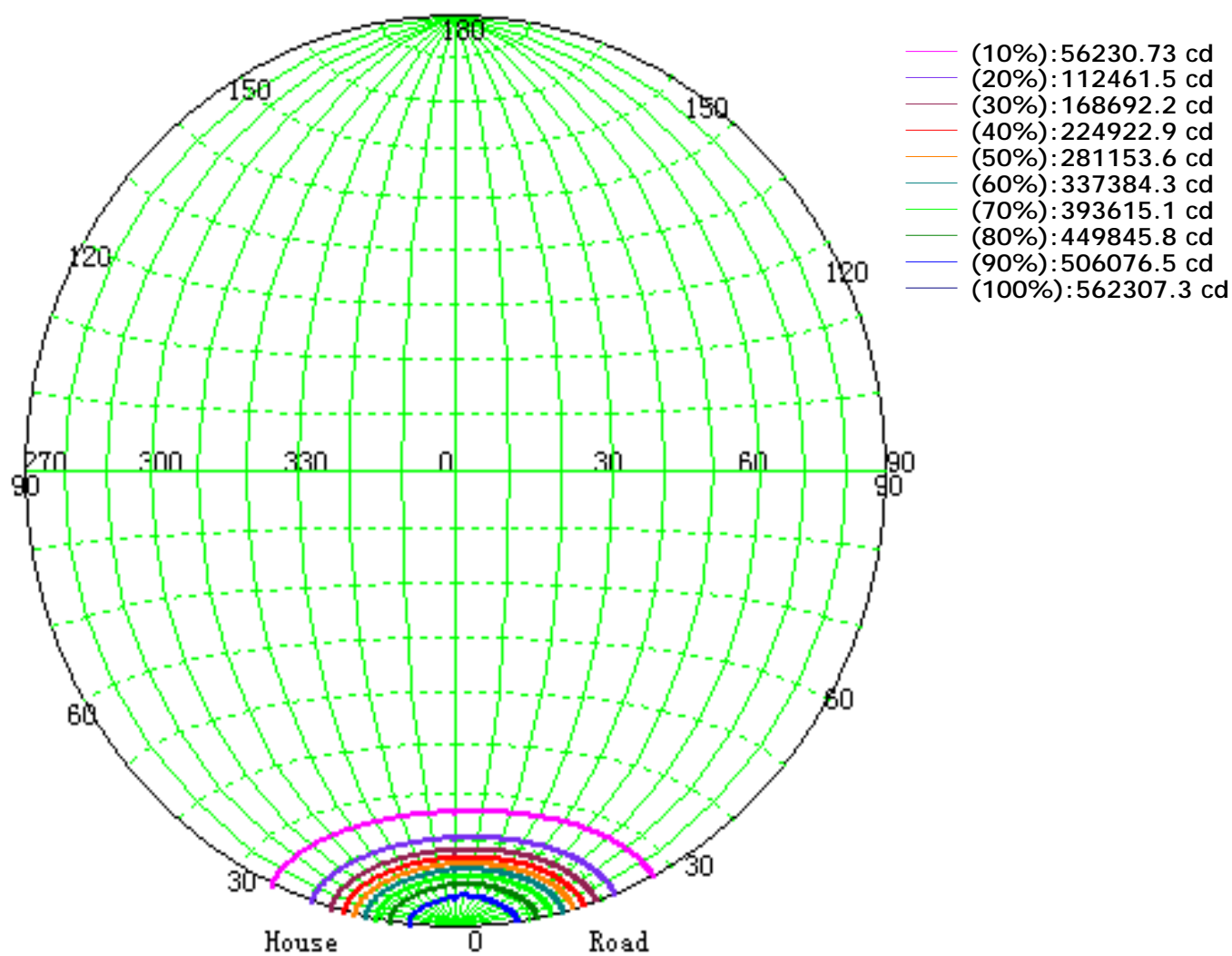
Zonal Luminous Flux Data

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
122.0-123.0	30.07	2.78	223838.40	0.00	99.79
123.0-124.0	30.07	2.75	223841.10	0.00	99.79
124.0-125.0	30.15	2.72	223843.90	0.00	99.79
125.0-126.0	30.38	2.70	223846.60	0.00	99.79
126.0-127.0	30.60	2.69	223849.20	0.00	99.79
127.0-128.0	31.36	2.70	223851.90	0.00	99.79
128.0-129.0	30.67	2.66	223854.60	0.00	99.79
129.0-130.0	30.21	2.58	223857.20	0.00	99.80
130.0-131.0	30.45	2.53	223859.70	0.00	99.80
131.0-132.0	31.08	2.53	223862.30	0.00	99.80
132.0-133.0	34.51	2.65	223864.90	0.00	99.80
133.0-134.0	37.64	2.87	223867.80	0.00	99.80
134.0-135.0	39.34	3.01	223870.80	0.00	99.80
135.0-136.0	40.96	3.09	223873.90	0.00	99.80
136.0-137.0	43.75	3.20	223877.00	0.00	99.80
137.0-138.0	43.24	3.22	223880.20	0.00	99.81
138.0-139.0	46.88	3.27	223883.50	0.00	99.81
139.0-140.0	52.65	3.54	223887.00	0.00	99.81
140.0-141.0	58.02	3.86	223890.90	0.00	99.81
141.0-142.0	65.36	4.21	223895.10	0.00	99.81
142.0-143.0	73.99	4.65	223899.80	0.00	99.81
143.0-144.0	84.30	5.16	223904.90	0.00	99.82
144.0-145.0	96.08	5.74	223910.70	0.00	99.82
145.0-146.0	110.27	6.41	223917.10	0.00	99.82
146.0-147.0	126.44	7.16	223924.20	0.00	99.83
147.0-148.0	145.49	8.01	223932.30	0.00	99.83
148.0-149.0	166.49	8.94	223941.20	0.00	99.83
149.0-150.0	189.23	9.90	223951.10	0.00	99.84
150.0-151.0	213.33	10.87	223961.90	0.00	99.84
151.0-152.0	237.36	11.79	223973.70	0.01	99.85
152.0-153.0	260.84	12.61	223986.30	0.01	99.85
153.0-154.0	284.70	13.35	223999.60	0.01	99.86
154.0-155.0	311.05	14.06	224013.70	0.01	99.87
155.0-156.0	337.34	14.74	224028.40	0.01	99.87
156.0-157.0	362.32	15.30	224043.70	0.01	99.88
157.0-158.0	386.91	15.72	224059.50	0.01	99.89
158.0-159.0	413.24	16.08	224075.60	0.01	99.89
159.0-160.0	439.70	16.38	224091.90	0.01	99.90
160.0-161.0	465.23	16.56	224108.50	0.01	99.91
161.0-162.0	490.14	16.62	224125.10	0.01	99.91
162.0-163.0	514.68	16.57	224141.70	0.01	99.92

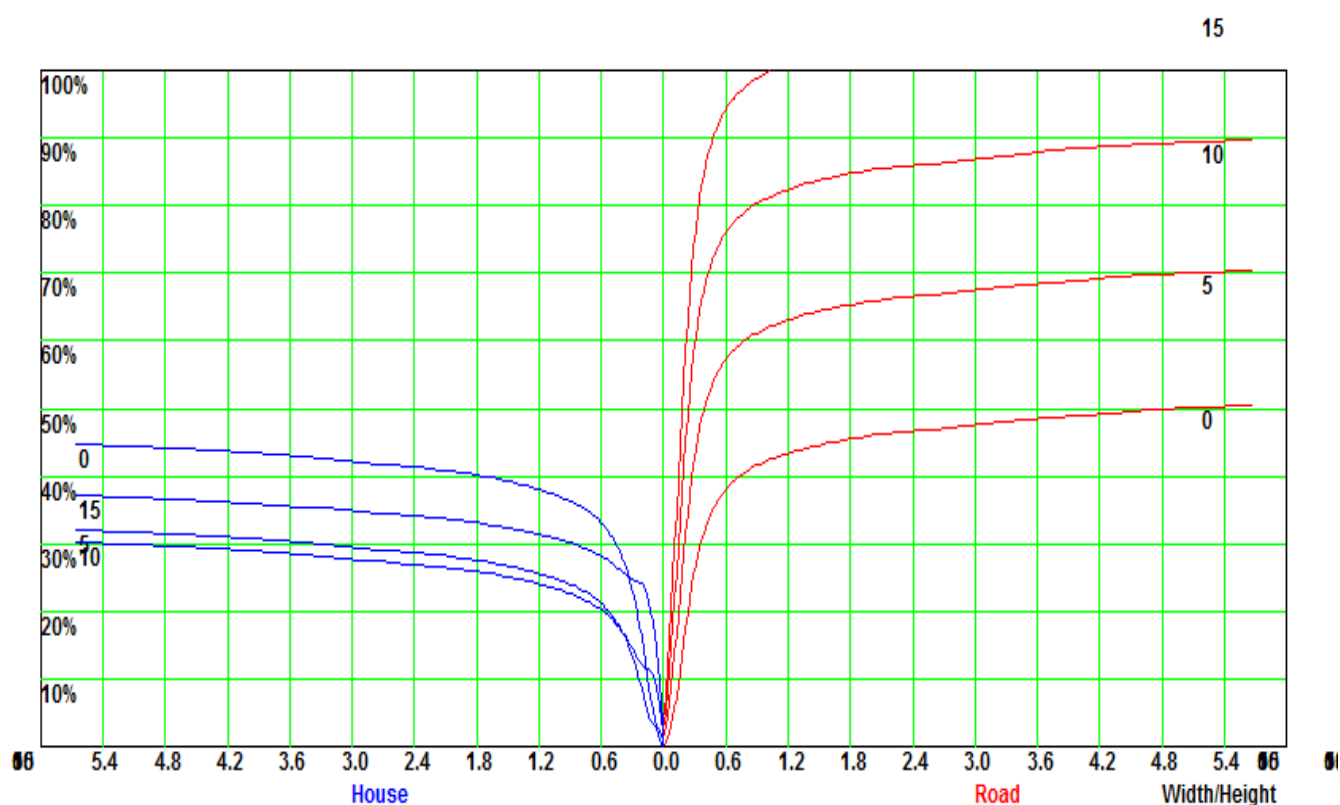
Zonal Luminous Flux Data

[illegible]

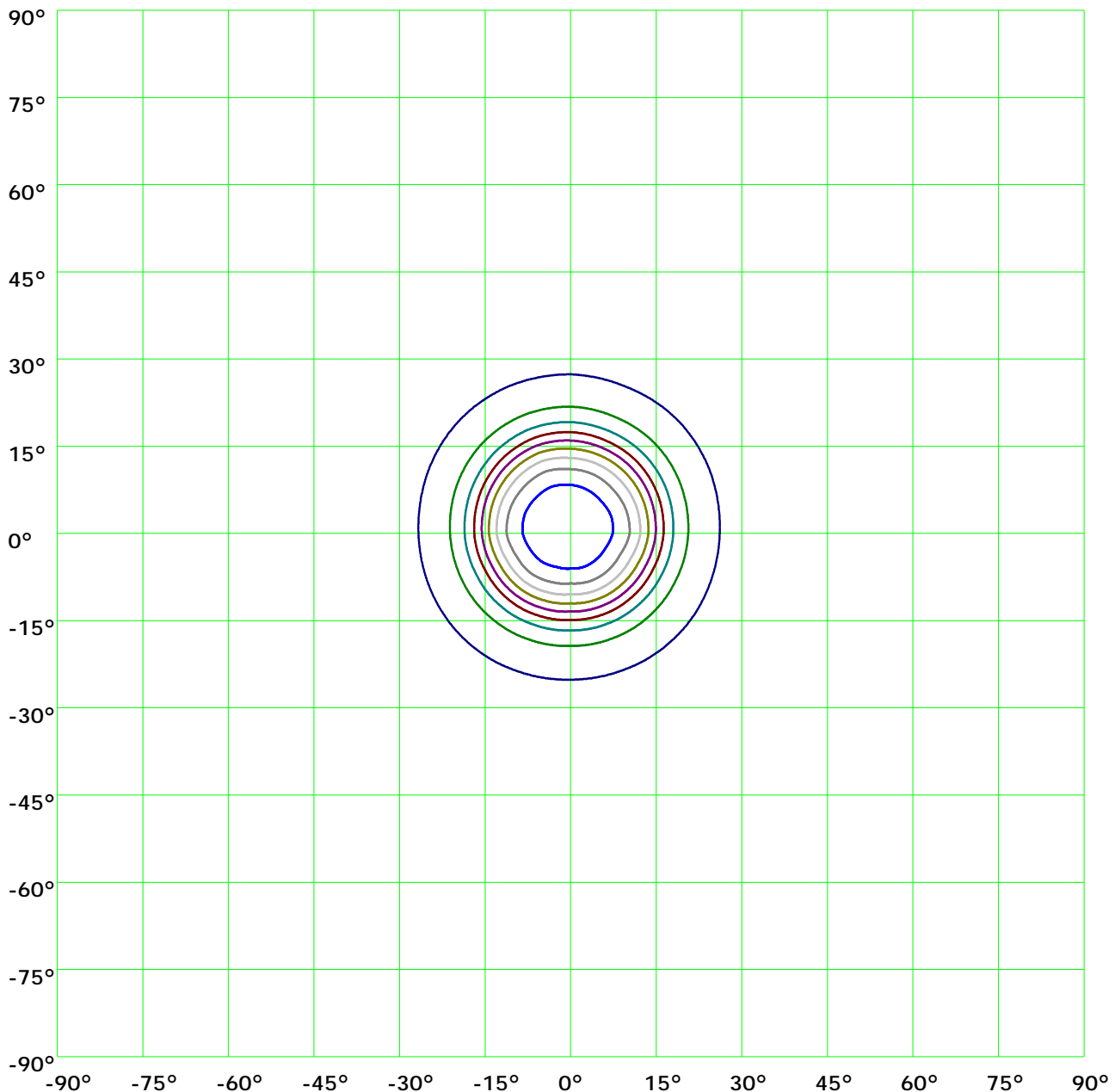
Iso-Candela [cd]



Coefficient Utilization Curve

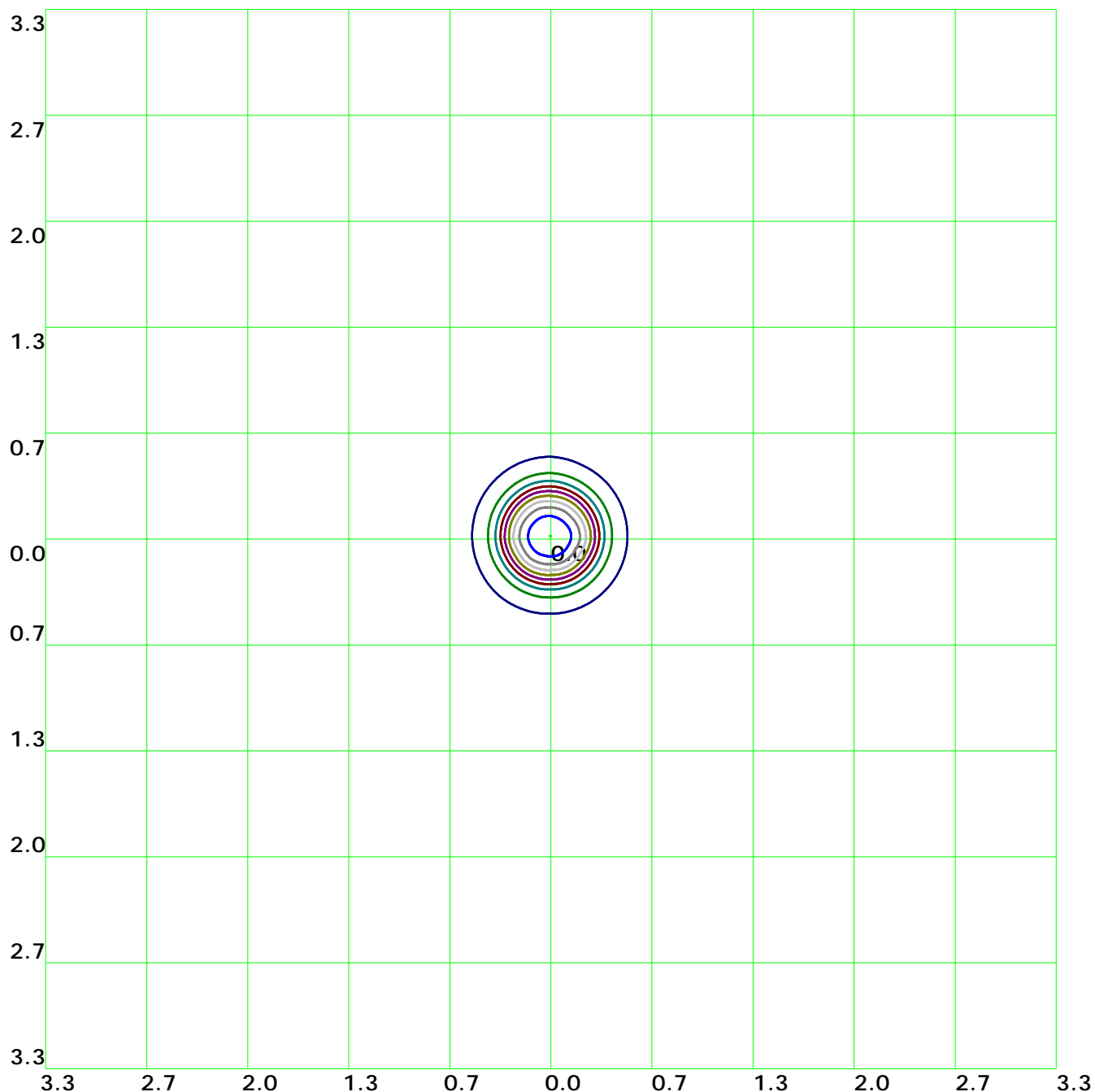


Isocandela(rectangle)



(10%): 56230.7cd (20%): 112461.5cd (30%): 168692.2cd (40%): 224922.9cd
(50%): 281153.6cd (60%): 337384.4cd (70%): 393615.1cd (80%): 449845.8cd
(90%): 506076.5cd (100%): 562307.3cd

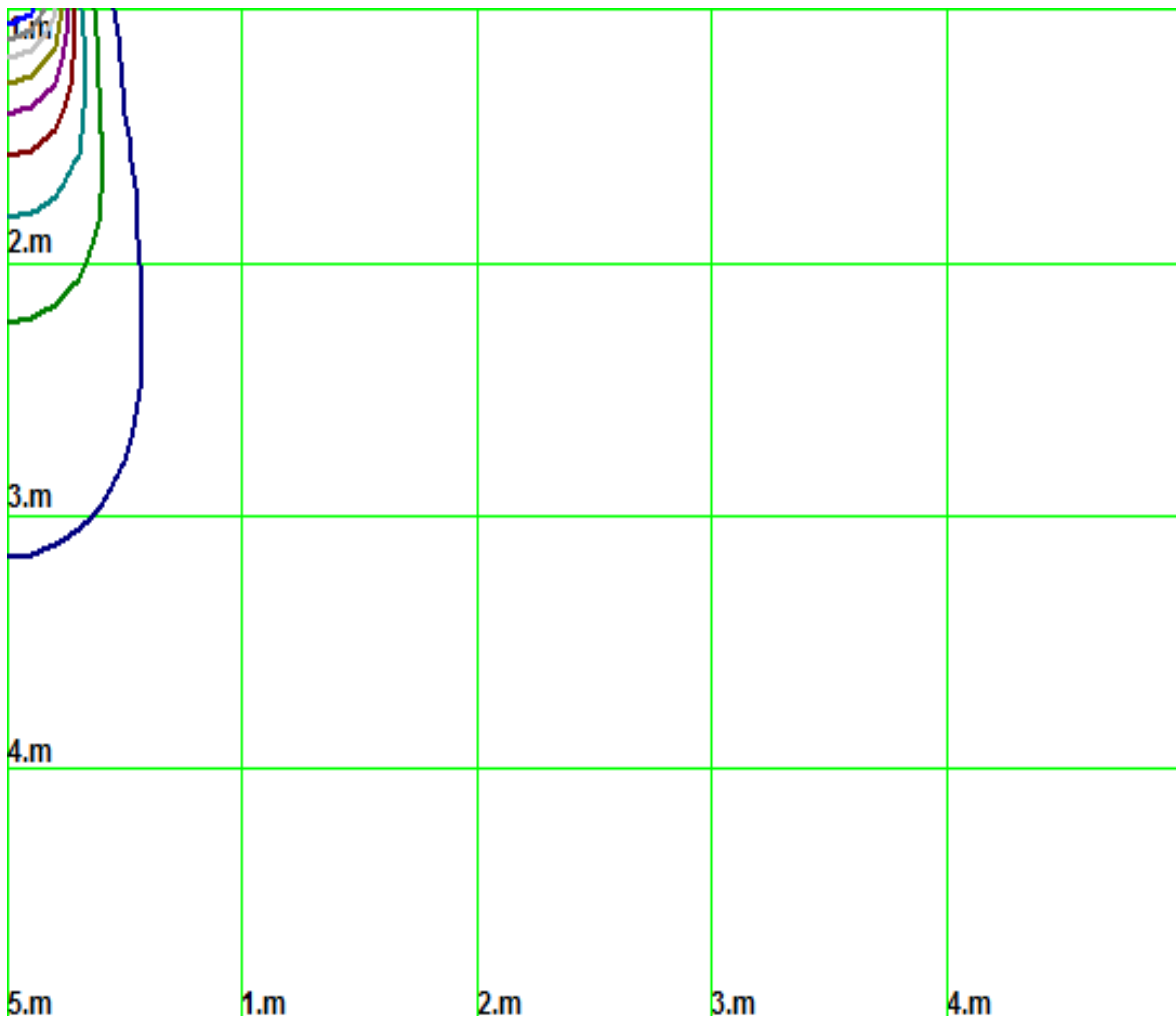
Isolx curve



Height: 1 m

(10%): 56230.7lx	(20%): 112461.5lx	(30%): 168692.2lx	(40%): 224922.9lx
(50%): 281153.6lx	(60%): 337384.4lx	(70%): 393615.1lx	(80%): 449845.8lx
(90%): 506076.5lx	(100%): 561744.9lx		

Space Isolx Curve



(10%): 56230.7lx (20%): 112461.5lx (30%): 168692.2lx (40%): 224922.9lx
 (50%): 281153.6lx (60%): 337384.4lx (70%): 393615.1lx (80%): 449845.8lx
 (90%): 506076.5lx (100%): 561744.9lx

Luminance Limiting Curve

Diameter: 1.152mm

Length: 1.152mm

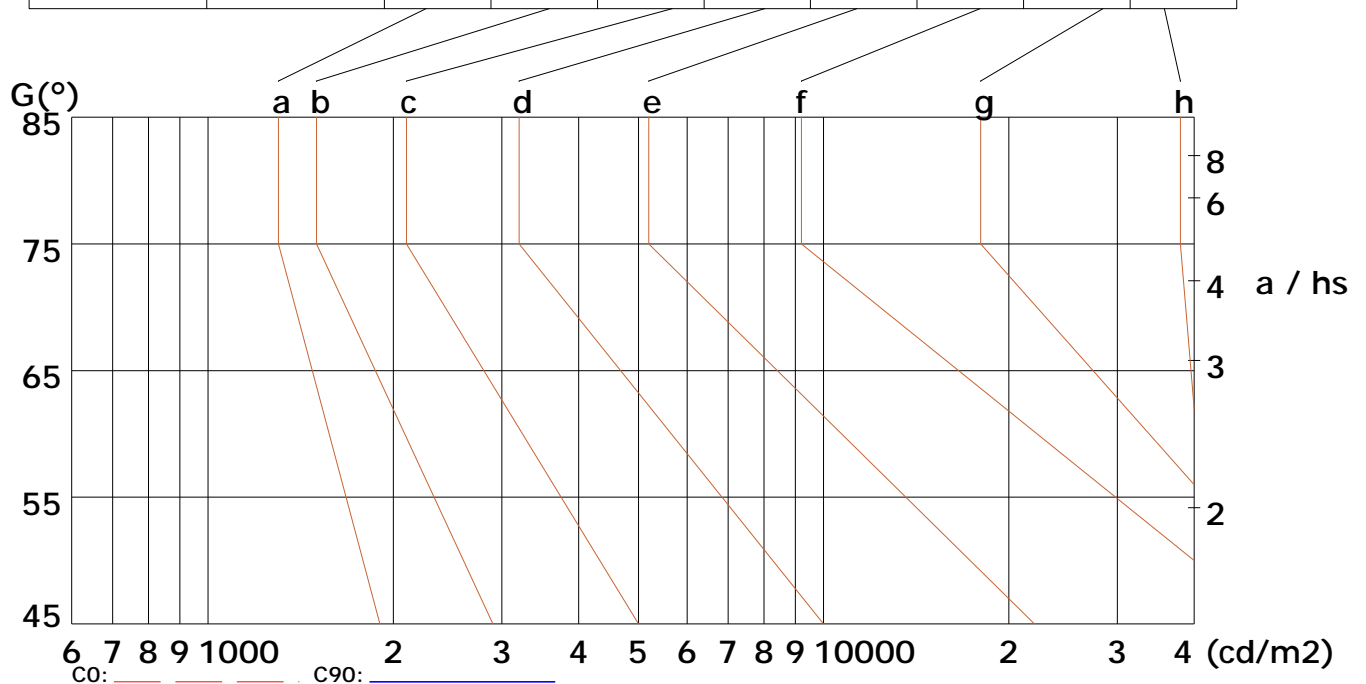
Width: .579mm

Height: .274mm

(cd/m2)

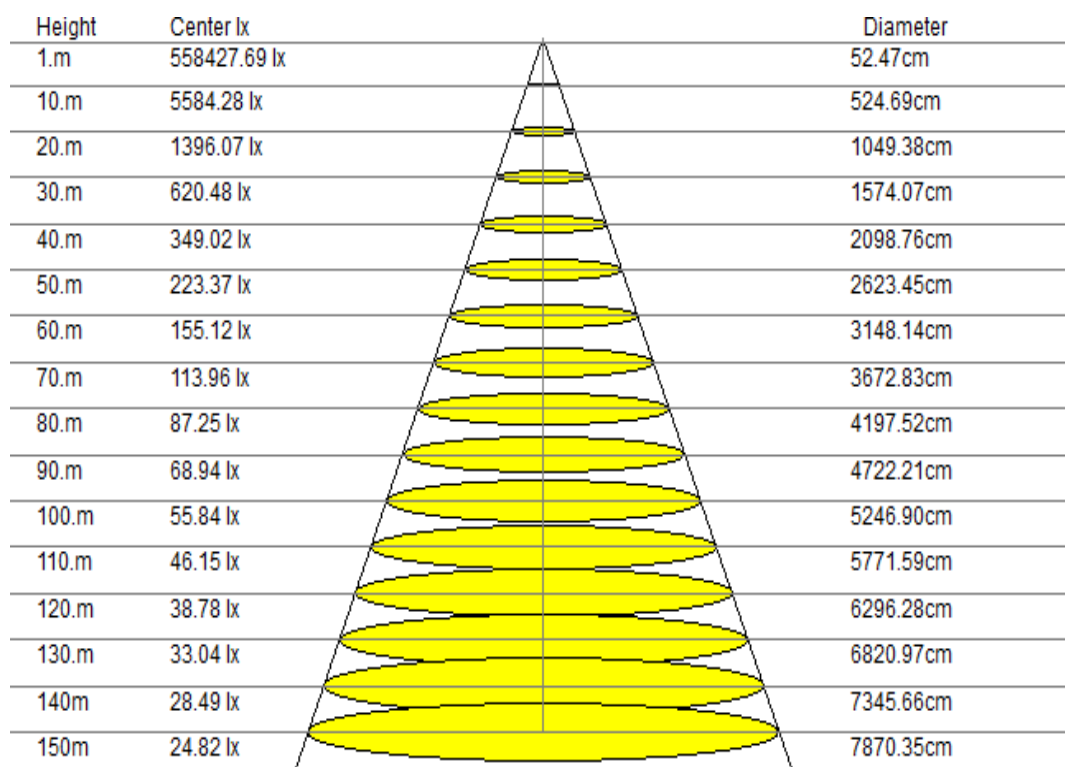
γ	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	527906	535925	551224	557321	564376	565846	447145	274020	93844
C90	421524	477066	573623	684853	857117	827561	218087	785130	00799

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: 29.40°(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	1.08	1.07	1.06	1.07	1.05	1.04	1.03	1.01	1.00	0.98	0.96	0.94	0.91	0.89	0.87	0.82
2	0.99	0.98	0.96	0.98	0.96	0.94	0.95	0.92	0.90	0.91	0.88	0.86	0.86	0.83	0.80	0.75
3	0.93	0.91	0.89	0.92	0.89	0.88	0.89	0.86	0.84	0.86	0.82	0.79	0.81	0.77	0.74	0.70
4	0.87	0.85	0.84	0.86	0.84	0.82	0.84	0.81	0.78	0.81	0.77	0.74	0.77	0.73	0.70	0.66
5	0.83	0.81	0.80	0.82	0.79	0.78	0.80	0.77	0.74	0.77	0.73	0.70	0.74	0.70	0.66	0.62
6	0.79	0.77	0.76	0.78	0.76	0.74	0.76	0.73	0.71	0.74	0.70	0.67	0.71	0.67	0.63	0.59
7	0.75	0.74	0.72	0.75	0.72	0.71	0.73	0.70	0.67	0.71	0.67	0.64	0.69	0.64	0.60	0.57
8	0.72	0.71	0.70	0.72	0.69	0.68	0.70	0.67	0.65	0.68	0.64	0.61	0.66	0.62	0.58	0.55
9	0.69	0.68	0.67	0.69	0.67	0.65	0.68	0.64	0.62	0.66	0.62	0.59	0.64	0.59	0.56	0.53
10	0.67	0.65	0.65	0.66	0.64	0.63	0.65	0.62	0.60	0.64	0.60	0.57	0.62	0.57	0.54	0.51

Indoor Budgetary Estimate Chart

