

Luminaire Property

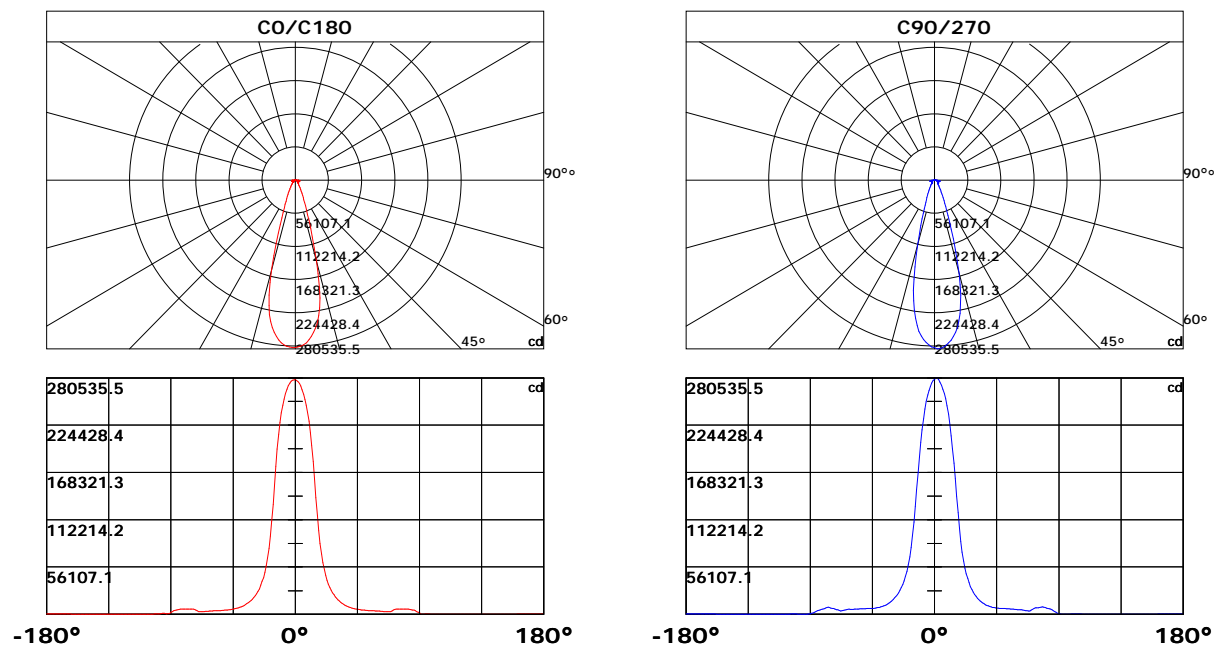
Luminaire Description: T500-720W-30D
Luminaire Categorie: LED FLOOD LIGHT
Lamp Categorie:
Lamp Description: CO-T500-720W-30D
Number of Lamp: 1
Lamp Lumens(lm): 111911.5
Luminous Length(m): 0.687
Luminous Width(m): 0.579
Luminous Height(m): 0.199

Voltage: 220.8 V
Current: 2.934 A
Power: 720.0 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: 111911.50 lm
Efficiency: 155.4326 lm/W
Central Intensity: 278600.0cd
Max. Intensity: 280535.52cd
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	278600.0	277415.0	276139.7	274071.1	270752.8	266316.6	261058.2	255050.6	248049.1	239531.3
C22.5	278600.0	278552.3	277639.5	275789.7	272795.0	268678.5	263685.3	257661.9	250308.6	241690.9
C45.0	278600.0	278306.7	277705.3	275904.5	273000.2	269070.7	263329.8	257566.2	250332.1	241813.4
C67.5	278600.0	278620.5	277962.4	275991.9	272914.6	269021.4	264453.0	259030.7	252805.8	245070.5
C90.0	278600.0	280535.5	280153.3	278270.3	275366.5	271554.4	267258.0	261847.1	255544.2	247460.8
C112.5	278600.0	280326.1	280116.1	278536.3	276041.6	272574.8	268410.9	263263.5	257766.3	250494.9
C135.0	278600.0	279650.6	279567.9	278477.3	276352.5	273100.6	268983.6	263707.2	257403.8	249908.7
C157.5	278600.0	278975.1	278873.7	278059.0	276227.5	273322.6	269357.2	264158.6	257782.3	250230.4
C180.0	278600.0	278161.1	277669.7	276501.6	274433.9	271210.2	267034.9	261816.2	255476.2	248162.5
C202.5	278600.0	278026.7	276888.6	274867.7	271920.3	268192.1	263122.2	256721.4	248808.9	239314.5
C225.0	278600.0	276718.9	274571.0	271990.1	268343.2	264044.7	258783.6	252117.7	243727.2	233456.4
C247.5	278600.0	276269.2	273587.2	270247.6	265910.1	260708.2	254347.6	246241.0	236280.4	224300.8
C270.0	278600.0	277481.5	274305.6	270307.1	265644.8	260103.3	252560.1	243345.5	231976.9	218678.7
C292.5	278600.0	277417.9	274456.9	270656.4	266100.0	260704.8	253971.7	245470.9	235093.2	222537.2
C315.0	278600.0	277084.1	274541.5	271216.6	266715.0	261412.2	254824.5	246793.6	237063.2	225456.2
C337.5	278600.0	277199.3	275327.5	272547.2	268482.6	263398.5	256921.2	249296.5	240131.1	229283.7
C360.0	278600.0	277415.0	276139.7	274071.1	270752.8	266316.6	261058.2	255050.6	248049.1	239531.3
C\G	G10.0	G11.0	G12.0	G13.0	G14.0	G15.0	G16.0	G17.0	G18.0	G19.0
C0.0	228938.9	215909.7	200393.5	181402.2	160293.5	138372.3	117419.3	99158.8	83846.4	71310.8
C22.5	231117.6	218463.1	203608.9	186015.5	166449.9	145254.5	124185.5	105218.6	89016.4	75754.9
C45.0	231413.0	219532.8	205649.5	189615.9	171321.8	150750.1	129840.2	110387.8	93244.6	79068.6
C67.5	235391.6	223272.7	209276.2	193555.6	175468.4	155540.7	134239.2	113961.5	96385.1	81536.3
C90.0	237577.1	225497.0	211659.5	196309.9	179239.1	161074.5	140365.9	120404.5	102212.5	86407.8
C112.5	242100.7	231313.8	218550.2	203993.5	186313.0	166961.6	145291.1	124072.4	105160.7	88408.9
C135.0	240898.6	230126.9	217531.3	202492.2	184830.7	164793.1	143340.2	122080.8	102885.6	86793.9
C157.5	241133.3	230259.5	216726.9	200773.2	181551.8	160467.8	138322.6	117189.0	98624.4	83402.4
C180.0	238969.1	227746.3	213488.5	196184.4	175419.3	153130.9	130540.6	110235.0	92741.6	78226.2
C202.5	227552.6	213898.6	197573.8	178788.0	157921.4	136641.2	116014.6	98111.7	83156.9	70897.0
C225.0	221023.9	205978.9	188409.7	168116.7	146650.0	125550.9	106311.6	89836.2	76305.5	65285.2
C247.5	210500.0	194411.3	175988.5	155819.7	134920.6	115327.0	97657.4	82822.4	70663.2	60752.6
C270.0	203918.6	186695.2	168307.3	148271.8	128063.4	109542.2	93045.6	79340.9	67978.0	58539.9
C292.5	208191.5	191228.3	172585.0	151690.4	131291.1	112191.8	94936.7	80650.9	68898.1	59264.1
C315.0	211957.2	195824.5	177790.6	157570.4	136699.0	116835.4	99028.9	84171.5	71721.1	61680.8
C337.5	216612.9	201662.8	185063.8	165907.3	145129.1	124744.6	106081.8	89871.9	76556.5	65611.6
C360.0	228938.9	215909.7	200393.5	181402.2	160293.5	138372.3	117419.3	99158.8	83846.4	71310.8
C\G	G20.0	G21.0	G22.0	G23.0	G24.0	G25.0	G26.0	G27.0	G28.0	G29.0
C0.0	61198.7	52884.1	46110.7	40532.8	35786.8	31840.5	28449.6	25519.5	23033.9	20776.5
C22.5	64753.1	55951.5	48724.0	42644.9	37627.2	33408.6	29789.7	26663.7	23956.8	21568.3
C45.0	67512.1	58251.3	50613.0	44193.5	38940.3	34447.1	30690.3	27429.0	24641.8	22154.5
C67.5	69454.6	59668.5	51628.8	45137.9	39648.7	35028.4	31170.9	27806.0	24946.7	22398.2
C90.0	73771.4	63201.1	54690.3	47729.2	42779.8	37830.3	32882.0	29264.7	26193.8	23509.0

Light intensity data Unit[cd]

C112.5	74960.5	64113.1	55323.7	48104.3	43050.3	37996.3	32959.5	29359.3	26237.7	23565.7
C135.0	73559.4	62991.4	54460.2	47369.1	42406.9	37444.8	32487.7	28963.9	25934.5	23302.0
C157.5	70861.9	60701.3	52471.4	45698.2	40989.4	36280.5	31605.5	28234.3	25292.7	22762.7
C180.0	66660.0	57213.8	49659.2	43485.0	39052.4	34619.9	30205.8	27049.8	24338.7	21984.5
C202.5	60844.0	52686.6	46128.0	41428.1	36728.1	32058.1	28687.4	25813.6	23271.0	21057.1
C225.0	56235.4	49090.0	44394.7	39699.3	35004.0	30323.0	27249.6	24579.4	22250.8	20193.1
C247.5	52743.5	46230.0	41595.5	36961.1	32327.1	29016.9	26183.5	23661.2	21458.4	19493.5
C270.0	51056.7	44959.6	39672.1	35362.2	31620.1	28402.5	25648.1	23129.9	20980.9	19254.4
C292.5	51484.6	45131.2	39757.4	35347.2	31586.8	28379.2	25597.4	23128.7	20976.0	19261.3
C315.0	53305.7	46707.9	41097.7	36435.9	32424.7	29035.9	26141.9	23555.9	21305.8	19507.4
C337.5	56549.8	49387.5	43220.4	38217.8	33944.9	30320.2	27197.6	24387.3	22014.9	19853.3
C360.0	61198.7	52884.1	46110.7	40532.8	35786.8	31840.5	28449.6	25519.5	23033.9	20776.5
C\G	G30.0	G31.0	G32.0	G33.0	G34.0	G35.0	G36.0	G37.0	G38.0	G39.0
C0.0	19029.0	17286.4	15543.7	14159.0	12928.5	11842.0	10881.5	10032.1	9276.9	8607.7
C22.5	19728.3	17892.1	16055.7	14636.1	13392.1	12276.9	11298.0	10438.9	9682.2	9024.5
C45.0	20012.1	18225.3	16441.7	14997.6	13699.9	12534.7	11511.0	10600.2	9799.2	9091.8
C67.5	20200.5	18392.7	16593.0	15105.9	13799.5	12627.8	11592.0	10679.7	9878.9	9169.5
C90.0	21150.4	19127.8	17341.2	15771.9	14426.8	13206.3	12162.3	11237.1	10432.9	9765.7
C112.5	21170.5	19156.7	17384.3	15782.3	14403.1	13135.7	12040.2	11076.9	10213.2	9470.3
C135.0	20978.1	18961.8	17210.6	15621.4	14271.5	13040.5	11965.6	11008.2	10162.1	9417.7
C157.5	20559.8	18569.3	16857.8	15344.7	14013.0	12816.2	11782.0	10840.3	10019.0	9310.1
C180.0	19877.0	18026.2	16399.9	14917.1	13629.5	12451.4	11417.0	10501.0	9693.8	8975.1
C202.5	19076.1	17317.1	15772.7	14402.1	13203.5	12124.4	11175.0	10325.2	9591.3	8949.5
C225.0	18364.5	16728.6	15286.6	13987.5	12831.7	11792.8	10870.3	10046.9	9317.1	8683.5
C247.5	17706.2	16186.4	14792.5	13542.0	12456.7	11460.5	10587.1	9808.7	9110.0	8500.0
C270.0	17542.6	15831.0	14449.2	13283.4	12232.0	11284.3	10482.9	9769.0	9161.7	8653.8
C292.5	17548.4	15835.4	14456.5	13248.1	12152.5	11186.4	10325.6	9555.2	8888.5	8291.4
C315.0	17718.6	15929.7	14543.2	13330.1	12244.1	11270.9	10424.2	9656.2	8990.2	8399.8
C337.5	18094.5	16342.8	14886.2	13617.0	12502.0	11492.2	10620.9	9835.0	9162.8	8561.5
C360.0	19029.0	17286.4	15543.7	14159.0	12928.5	11842.0	10881.5	10032.1	9276.9	8607.7
C\G	G40.0	G41.0	G42.0	G43.0	G44.0	G45.0	G46.0	G47.0	G48.0	G49.0
C0.0	8022.1	7499.3	7033.6	6626.5	6260.1	5948.1	5663.0	5406.2	5187.5	4997.0
C22.5	8464.0	7974.3	7560.4	7208.5	6896.8	6629.6	6397.0	6204.6	6038.5	5895.8
C45.0	8462.4	7930.8	7462.7	7057.4	6709.7	6422.2	6185.4	5980.8	5773.7	5573.2
C67.5	8553.9	8010.9	7534.8	7121.1	6760.8	6448.8	6187.7	5956.6	5762.2	5589.7
C90.0	9164.6	8684.1	8266.1	7933.5	7671.2	7449.3	7276.8	7154.2	7053.4	6959.2
C112.5	8792.4	8213.9	7703.0	7250.7	6868.7	6527.1	6224.8	5978.8	5750.1	5561.0
C135.0	8741.3	8169.3	7676.1	7241.4	6870.0	6552.3	6278.3	6049.3	5846.1	5681.8
C157.5	8676.7	8137.3	7665.1	7256.7	6913.7	6624.8	6381.5	6176.8	6010.0	5868.4
C180.0	8338.1	7778.8	7290.9	6853.2	6470.3	6135.9	5837.7	5578.2	5352.0	5153.1
C202.5	8396.7	7922.4	7514.5	7176.4	6890.4	6656.5	6458.2	6291.9	6165.7	6061.5
C225.0	8106.5	7619.2	7186.6	6809.5	6488.2	6206.3	5971.6	5769.2	5590.5	5435.8

Light intensity data Unit[cd]

C247.5	7964.5	7500.7	7102.1	6749.1	6449.9	6191.8	5968.1	5786.7	5621.1	5483.0
C270.0	8210.8	7859.1	7572.5	7338.8	7170.0	7031.8	6927.6	6845.5	6784.7	6732.6
C292.5	7768.4	7312.3	6915.2	6572.9	6269.6	6006.7	5780.3	5584.6	5414.7	5271.5
C315.0	7882.1	7432.1	7040.3	6716.7	6449.4	6238.2	6052.5	5868.0	5665.7	5479.6
C337.5	8047.6	7604.4	7221.1	6892.7	6598.7	6351.9	6136.5	5953.7	5797.0	5661.1
C360.0	8022.1	7499.3	7033.6	6626.5	6260.1	5948.1	5663.0	5406.2	5187.5	4997.0
C\G	G50.0	G51.0	G52.0	G53.0	G54.0	G55.0	G56.0	G57.0	G58.0	G59.0
C0.0	4836.8	4697.7	4574.9	4468.1	4368.5	4276.6	4193.3	4108.8	4019.1	3935.1
C22.5	5773.3	5648.6	5541.6	5433.8	5324.2	5209.0	5085.8	4971.7	4849.8	4770.3
C45.0	5388.2	5238.9	5113.4	5011.7	4928.0	4844.1	4748.9	4630.3	4501.9	4391.1
C67.5	5448.3	5324.9	5225.9	5149.0	5088.5	5034.4	4962.2	4847.4	4730.2	4613.6
C90.0	6874.6	6782.9	6687.6	6564.5	6429.7	6309.5	6195.2	5993.6	5815.5	5673.4
C112.5	5398.7	5265.0	5150.2	5054.0	4980.0	4921.2	4848.3	4755.1	4644.6	4533.5
C135.0	5540.6	5433.4	5358.2	5281.4	5188.6	5069.0	4948.3	4817.6	4678.9	4558.7
C157.5	5738.4	5615.3	5501.8	5394.4	5290.1	5179.9	5051.3	4919.6	4795.9	4678.8
C180.0	4978.7	4827.9	4705.6	4596.7	4494.2	4405.1	4314.6	4226.1	4139.3	4048.7
C202.5	5967.9	5884.3	5797.4	5712.7	5603.6	5495.9	5374.8	5246.9	5140.9	5036.5
C225.0	5309.7	5204.4	5117.0	5054.2	4993.1	4928.8	4847.4	4745.0	4616.5	4487.4
C247.5	5363.8	5264.4	5181.1	5117.0	5060.9	5016.5	4958.6	4870.9	4747.8	4628.7
C270.0	6679.6	6626.0	6568.7	6505.0	6422.0	6339.2	6245.3	6089.5	5948.8	5834.5
C292.5	5150.4	5050.3	4972.0	4907.3	4849.8	4800.4	4739.0	4655.1	4554.4	4447.1
C315.0	5331.6	5203.1	5104.0	5017.9	4937.9	4850.5	4755.3	4645.9	4523.1	4413.4
C337.5	5539.8	5428.3	5327.0	5228.9	5133.0	5027.3	4921.0	4805.8	4694.0	4612.5
C360.0	4836.8	4697.7	4574.9	4468.1	4368.5	4276.6	4193.3	4108.8	4019.1	3935.1
C\G	G60.0	G61.0	G62.0	G63.0	G64.0	G65.0	G66.0	G67.0	G68.0	G69.0
C0.0	3840.1	3735.3	3620.7	3497.9	3375.0	3253.1	3130.3	3019.7	2955.8	3211.9
C22.5	4699.0	4647.6	4585.7	4530.6	4461.1	4274.9	4062.9	3861.7	3693.0	3901.0
C45.0	4289.4	4197.4	4110.7	4018.9	3913.8	3798.6	3685.0	3578.4	3483.1	3490.4
C67.5	4492.4	4369.7	4247.9	4129.2	4006.9	3874.6	3734.9	3587.1	3450.9	3334.4
C90.0	5561.0	5492.8	5606.1	5523.9	5070.5	4759.8	4485.7	4086.1	3918.1	4024.5
C112.5	4417.3	4291.1	4170.2	4052.2	3930.8	3813.3	3695.4	3592.8	3499.6	3406.9
C135.0	4460.8	4366.9	4276.8	4175.9	4065.8	3953.0	3848.2	3756.8	3632.2	3492.6
C157.5	4591.1	4508.2	4433.6	4341.3	4235.1	4136.2	4004.1	3837.4	3653.7	3529.4
C180.0	3960.0	3861.1	3755.0	3651.4	3532.9	3413.6	3294.7	3184.5	3083.4	3026.8
C202.5	4952.3	4897.4	4889.0	4871.4	4825.3	4640.9	4379.2	4105.3	3887.5	3767.9
C225.0	4377.2	4278.7	4180.1	4080.2	3970.7	3852.7	3713.9	3589.9	3472.9	3388.6
C247.5	4518.0	4395.7	4281.3	4167.0	4045.9	3922.7	3783.1	3636.1	3506.3	3385.0
C270.0	5748.0	5765.5	5985.2	5886.6	5409.1	5087.5	4681.0	4183.6	4005.2	4613.0
C292.5	4335.4	4212.5	4086.2	3960.8	3838.7	3715.7	3587.1	3458.9	3336.0	3249.7
C315.0	4318.2	4230.4	4131.6	4025.9	3908.4	3806.3	3704.9	3606.3	3489.8	3430.6
C337.5	4546.6	4488.1	4429.5	4369.9	4285.0	4205.4	4036.0	3831.0	3666.7	3753.8
C360.0	3840.1	3735.3	3620.7	3497.9	3375.0	3253.1	3130.3	3019.7	2955.8	3211.9

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	3977.5	4854.3	5840.2	6283.8	6301.6	6291.4	6292.4	6294.9	6285.1	6257.9
C22.5	4734.8	5953.4	6940.7	7249.8	7224.3	7322.6	7596.8	7552.5	7174.3	6888.3
C45.0	4075.5	5508.0	6885.4	7481.1	7409.9	7228.7	7121.4	7076.5	6948.5	6803.1
C67.5	3531.6	4798.4	6674.6	7523.5	7482.5	7300.9	7182.1	7130.8	7057.0	6993.2
C90.0	5227.2	5643.2	6980.2	7810.3	7739.9	7600.1	7999.2	8581.2	8660.2	8338.3
C112.5	3443.4	4468.5	6185.6	7059.5	7107.9	6975.3	6898.1	6911.0	6917.5	6914.4
C135.0	3540.9	4493.5	5693.0	6563.3	6850.1	6881.5	6900.0	6932.7	6976.6	6890.4
C157.5	3736.1	4652.7	5685.7	6408.6	6827.7	6951.4	7042.4	7214.9	7292.4	6917.0
C180.0	3271.0	4190.5	5232.5	5809.4	6216.9	6310.2	6272.6	6200.7	6139.2	6092.8
C202.5	4150.2	5174.0	6153.1	6657.2	6996.0	7326.2	8071.7	8648.0	7967.0	6915.2
C225.0	3470.1	4259.1	5274.5	6059.1	6513.5	6595.7	6616.3	6641.2	6653.6	6552.5
C247.5	3353.5	3746.6	4802.2	5907.3	6499.3	6574.5	6526.0	6478.2	6436.7	6359.2
C270.0	5532.8	5531.5	6200.7	6732.1	6972.1	7325.8	7929.9	8303.3	7993.4	7390.5
C292.5	3568.1	4783.2	5929.5	6261.4	6263.6	6250.0	6276.5	6296.7	6297.0	6240.6
C315.0	3916.6	4943.7	5883.1	6297.2	6355.0	6400.9	6480.8	6549.4	6500.0	6278.4
C337.5	4518.0	5410.5	6289.6	6765.4	6879.7	7143.8	7440.2	7408.0	6962.4	6530.5
C360.0	3977.5	4854.3	5840.2	6283.8	6301.6	6291.4	6292.4	6294.9	6285.1	6257.9
C\G	G80.0	G81.0	G82.0	G83.0	G84.0	G85.0	G86.0	G87.0	G88.0	G89.0
C0.0	6186.0	6071.3	5953.0	5815.9	5494.6	5219.2	4827.4	4196.3	3362.8	2503.0
C22.5	6687.2	6539.4	6254.9	5846.3	5338.5	4725.6	4013.6	3272.2	2581.4	1999.0
C45.0	6631.4	6501.0	6387.4	6274.4	6125.5	5863.4	5517.9	5058.9	4318.3	3320.5
C67.5	6902.6	6739.9	6577.6	6412.4	6267.2	6054.2	5757.0	5295.3	4356.8	2876.8
C90.0	7880.2	7375.2	6917.1	6494.6	6063.7	5381.1	4378.6	3291.9	2313.7	1475.2
C112.5	6896.5	6856.9	6758.9	6696.6	6496.0	6210.5	5895.5	5475.0	4782.6	3704.9
C135.0	6696.0	6540.2	6420.5	6328.1	6135.0	5832.6	5483.1	5080.9	4583.7	3858.8
C157.5	6502.4	6348.5	6222.3	6011.0	5674.8	5271.0	4788.8	4242.1	3643.1	3022.3
C180.0	6062.0	6034.2	5981.3	6048.2	5833.3	5521.7	5256.1	4774.9	4031.1	3222.9
C202.5	6391.4	6240.7	6101.7	5809.7	5422.1	4930.8	4343.1	3657.5	2968.8	2352.7
C225.0	6284.2	5999.1	5785.5	5611.6	5462.3	5287.9	5030.9	4671.5	4159.1	3376.3
C247.5	6247.6	6053.3	5810.6	5623.3	5460.9	5237.0	5015.5	4686.9	4161.7	3124.1
C270.0	6691.9	6102.3	5666.3	5231.6	4791.7	4120.0	3188.8	2323.2	1603.2	1069.0
C292.5	6152.4	5986.1	5796.0	5605.6	5342.7	5090.2	4761.8	4321.7	3633.2	2647.2
C315.0	6055.4	5839.2	5629.5	5460.1	5210.9	4883.0	4434.6	3724.5	2732.7	1958.9
C337.5	6295.9	6146.2	5897.7	5568.7	5165.8	4670.3	3931.1	3055.8	2326.4	1719.7
C360.0	6186.0	6071.3	5953.0	5815.9	5494.6	5219.2	4827.4	4196.3	3362.8	2503.0
C\G	G90.0	G91.0	G92.0	G93.0	G94.0	G95.0	G96.0	G97.0	G98.0	G99.0
C0.0	1877.1	92.2	39.2	38.3	314.0	355.8	397.5	237.3	148.8	89.9
C22.5	1252.3	738.4	556.4	526.6	496.9	498.8	500.7	349.9	217.3	132.4
C45.0	2314.8	83.1	38.5	35.3	33.5	255.3	262.5	143.7	119.2	123.3
C67.5	1818.9	117.1	42.4	38.5	36.6	37.2	44.0	34.8	32.3	32.8
C90.0	817.6	370.8	33.4	32.1	32.1	31.5	31.5	31.8	83.5	350.4

Light intensity data Unit[cd]

C112.5	2477.8	1193.4	40.2	35.9	36.5	36.5	36.5	37.7	27.8	25.4
C135.0	2979.4	1564.5	38.3	35.8	35.8	38.4	319.4	358.4	397.4	255.4
C157.5	2387.0	815.9	659.3	617.2	575.1	643.7	712.2	596.0	517.4	443.2
C180.0	2565.2	910.9	799.2	687.4	896.5	1079.3	1262.0	963.2	647.4	469.8
C202.5	1761.7	998.6	664.8	617.4	570.0	623.3	676.5	560.4	483.3	416.7
C225.0	2518.1	1676.4	36.5	35.3	34.7	42.3	235.3	280.3	325.4	197.9
C247.5	1963.4	1369.8	168.3	33.5	31.6	29.7	29.7	29.7	29.8	30.4
C270.0	675.3	440.5	61.5	31.1	28.5	27.2	26.0	24.8	24.1	84.7
C292.5	1689.8	1180.8	85.2	36.0	32.8	30.4	30.3	33.9	27.9	25.4
C315.0	1368.4	816.9	48.8	32.1	29.1	28.4	38.6	41.3	44.0	38.2
C337.5	1186.1	112.6	37.1	33.9	208.0	235.9	134.0	94.0	67.6	64.8
C360.0	1877.1	92.2	39.2	38.3	314.0	355.8	397.5	237.3	148.8	89.9
C\G	G100.0	G101.0	G102.0	G103.0	G104.0	G105.0	G106.0	G107.0	G108.0	G109.0
C0.0	54.6	36.4	28.4	25.9	33.2	71.7	85.7	65.7	47.3	22.1
C22.5	68.1	39.4	32.9	63.8	97.0	99.1	64.0	29.7	18.3	16.1
C45.0	127.3	135.4	83.3	36.7	20.0	18.6	18.6	17.4	16.7	16.1
C67.5	32.2	32.2	32.2	32.2	30.1	28.0	24.8	23.6	21.7	21.7
C90.0	515.1	559.2	603.3	528.0	457.8	382.1	291.5	200.4	146.3	69.5
C112.5	24.8	24.8	24.8	25.4	23.5	21.6	20.4	19.8	19.8	18.0
C135.0	129.9	53.9	29.7	28.9	14.8	14.2	14.2	14.2	14.2	14.2
C157.5	357.2	260.6	173.0	99.9	48.7	30.8	30.0	17.9	16.7	16.0
C180.0	383.5	312.1	236.6	162.1	95.8	48.3	30.2	29.4	17.8	14.2
C202.5	341.0	252.4	167.8	91.8	45.8	30.3	27.1	16.7	16.1	16.1
C225.0	91.1	40.2	30.3	19.8	17.9	16.1	16.1	16.1	16.1	16.1
C247.5	31.0	31.0	29.7	28.5	23.5	20.5	21.1	20.5	20.5	20.5
C270.0	402.0	444.5	386.6	324.2	243.9	156.6	84.5	46.1	18.2	16.1
C292.5	24.8	24.1	24.1	24.1	24.8	24.1	22.3	21.6	19.8	18.6
C315.0	41.6	45.1	43.1	41.1	21.8	19.8	19.1	17.4	17.9	17.3
C337.5	47.9	37.8	27.9	25.4	37.5	45.3	53.2	34.4	18.7	17.9
C360.0	54.6	36.4	28.4	25.9	33.2	71.7	85.7	65.7	47.3	22.1
C\G	G110.0	G111.0	G112.0	G113.0	G114.0	G115.0	G116.0	G117.0	G118.0	G119.0
C0.0	18.0	17.9	17.9	17.9	17.9	17.9	17.9	17.9	11.8	11.1
C22.5	16.1	15.5	15.5	14.9	14.9	14.2	13.6	13.6	13.6	13.6
C45.0	16.1	15.5	15.5	15.5	14.2	14.2	13.6	14.2	13.0	13.0
C67.5	19.8	20.5	19.2	18.6	18.0	16.8	16.7	16.1	16.1	16.1
C90.0	52.5	31.1	14.2	13.0	13.0	13.0	13.0	13.0	13.0	13.0
C112.5	17.9	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
C135.0	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
C157.5	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
C180.0	14.2	13.5	12.9	13.0	13.5	12.9	12.4	12.4	12.4	13.0
C202.5	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
C225.0	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1

Light intensity data Unit[cd]

C247.5	20.5	19.8	17.4	17.4	16.7	16.7	16.7	16.7	16.7	16.7
C270.0	15.5	14.2	14.2	13.6	13.0	11.8	12.4	11.1	11.1	11.1
C292.5	18.5	18.5	17.4	17.4	16.1	16.1	15.5	14.9	14.9	13.6
C315.0	17.3	17.3	16.7	16.0	16.0	16.0	15.4	14.9	13.6	13.6
C337.5	17.3	17.9	16.7	16.7	17.3	16.7	16.0	14.8	14.8	14.8
C360.0	18.0	17.9	17.9	17.9	17.9	17.9	17.9	17.9	11.8	11.1
C\G	G120.0	G121.0	G122.0	G123.0	G124.0	G125.0	G126.0	G127.0	G128.0	G129.0
C0.0	12.9	16.0	19.1	19.8	19.8	20.4	21.6	22.8	24.7	19.7
C22.5	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
C45.0	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4
C67.5	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
C90.0	13.0	13.0	13.0	12.4	12.4	12.4	12.4	12.4	13.6	13.0
C112.5	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	17.9	17.4
C135.0	14.2	14.2	14.2	14.2	14.2	14.2	14.9	15.4	16.0	16.7
C157.5	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
C180.0	14.8	17.9	18.5	19.1	19.1	19.1	19.1	19.1	19.7	19.1
C202.5	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
C225.0	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.7	16.7
C247.5	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	17.4
C270.0	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
C292.5	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
C315.0	13.6	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
C337.5	14.8	14.8	14.8	14.2	14.2	14.2	14.2	14.2	14.2	14.2
C360.0	12.9	16.0	19.1	19.8	19.8	20.4	21.6	22.8	24.7	19.7
C\G	G130.0	G131.0	G132.0	G133.0	G134.0	G135.0	G136.0	G137.0	G138.0	G139.0
C0.0	14.8	14.8	14.2	32.8	35.2	38.8	41.9	43.7	28.8	27.8
C22.5	13.6	13.6	13.6	14.2	19.1	20.4	21.0	21.6	21.1	24.1
C45.0	12.4	12.4	12.4	12.4	12.4	12.4	13.0	14.2	16.7	19.8
C67.5	16.1	16.1	16.1	16.1	16.1	16.7	17.4	19.8	19.8	22.3
C90.0	13.0	14.9	14.2	15.5	16.1	16.1	17.4	18.6	19.8	21.0
C112.5	19.8	20.5	22.3	21.6	21.6	21.6	21.6	21.7	22.9	23.5
C135.0	16.7	16.7	17.3	17.3	17.9	18.5	18.5	19.1	19.2	21.0
C157.5	16.0	17.3	17.9	17.3	18.5	18.5	19.1	18.5	19.8	21.0
C180.0	17.8	14.8	14.2	15.7	24.7	24.7	24.7	25.3	22.9	24.1
C202.5	16.1	16.1	16.7	16.7	18.0	17.4	17.4	19.8	21.7	22.4
C225.0	16.7	16.7	17.4	17.4	18.6	19.8	20.5	22.3	23.6	25.5
C247.5	17.4	18.0	19.2	20.5	21.1	21.7	22.3	23.6	24.8	25.5
C270.0	10.5	10.5	10.5	11.1	12.3	13.6	14.8	19.7	19.8	22.9
C292.5	13.0	13.0	13.6	14.2	15.5	17.9	18.5	19.8	21.6	25.3
C315.0	13.0	13.0	13.0	13.5	13.6	14.8	18.4	20.3	19.8	22.8
C337.5	14.2	14.8	15.4	19.1	19.8	20.9	20.4	20.9	22.8	25.3
C360.0	14.8	14.8	14.2	32.8	35.2	38.8	41.9	43.7	28.8	27.8

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	29.0	31.4	36.3	41.3	47.3	52.4	63.9	74.0	85.5	97.1
C22.5	29.0	30.3	35.2	40.2	45.8	51.8	59.3	69.0	80.3	91.5
C45.0	22.3	26.6	31.0	35.8	41.3	50.1	58.1	68.0	78.3	90.4
C67.5	24.8	29.0	31.0	36.0	40.3	47.1	52.0	59.4	68.7	78.0
C90.0	22.9	24.1	26.6	29.1	33.5	37.8	41.6	47.6	53.9	62.0
C112.5	24.8	27.2	29.2	32.1	35.3	39.7	44.6	48.3	53.4	60.2
C135.0	21.7	24.1	26.6	29.1	32.1	36.5	40.9	46.4	52.1	59.9
C157.5	22.8	24.1	26.0	29.7	33.4	37.1	42.0	47.6	53.9	63.1
C180.0	24.7	27.2	29.7	32.8	36.4	40.9	45.1	51.4	58.0	66.2
C202.5	25.5	26.7	30.4	34.2	39.1	44.1	50.3	56.4	65.2	74.5
C225.0	27.9	30.4	33.5	37.3	41.6	45.2	51.0	58.3	68.3	78.7
C247.5	27.9	31.1	34.7	37.9	42.9	49.2	55.3	63.4	72.5	84.5
C270.0	29.5	32.1	38.3	43.7	51.1	60.0	70.3	81.5	94.8	108.4
C292.5	28.4	33.9	38.8	45.1	52.5	61.0	71.1	83.2	96.3	109.2
C315.0	29.0	31.5	36.4	42.5	49.3	54.9	65.2	75.7	88.7	101.7
C337.5	30.1	33.3	38.2	43.8	51.0	59.2	69.5	78.9	91.5	103.7
C360.0	29.0	31.4	36.3	41.3	47.3	52.4	63.9	74.0	85.5	97.1
C\G	G150.0	G151.0	G152.0	G153.0	G154.0	G155.0	G156.0	G157.0	G158.0	G159.0
C0.0	107.7	119.0	128.8	138.2	149.1	161.4	173.7	187.0	201.1	215.6
C22.5	103.4	114.9	126.2	137.2	149.1	161.0	174.1	188.0	202.1	217.1
C45.0	103.1	116.4	129.8	141.7	153.8	168.8	181.2	195.2	207.3	219.7
C67.5	88.6	99.2	109.8	120.1	130.6	142.4	156.1	168.6	179.7	190.9
C90.0	70.6	81.8	94.1	107.8	121.3	134.8	148.7	162.8	176.2	191.8
C112.5	68.3	79.2	90.5	103.1	116.5	130.9	143.9	157.6	171.0	185.1
C135.0	69.3	79.9	91.5	103.3	115.8	128.6	141.0	154.1	166.8	179.4
C157.5	73.0	83.7	95.7	108.4	121.0	133.5	145.3	159.3	172.5	184.0
C180.0	76.2	85.9	95.1	98.8	101.4	120.5	145.7	159.9	171.8	184.6
C202.5	85.7	99.3	114.6	128.0	141.2	153.2	161.1	166.2	173.7	184.6
C225.0	90.5	103.1	116.5	127.7	138.4	147.4	155.0	161.9	171.7	185.0
C247.5	96.5	110.5	124.4	139.6	154.1	167.4	181.3	193.7	206.3	218.5
C270.0	121.6	136.2	147.6	160.7	173.4	185.3	198.3	209.3	221.3	235.8
C292.5	123.1	136.4	149.0	161.8	175.5	188.6	201.7	215.2	228.6	241.8
C315.0	115.8	129.2	141.9	155.9	170.9	185.8	199.9	213.9	228.7	241.9
C337.5	117.0	128.0	139.3	149.9	160.4	173.2	185.6	199.5	209.7	222.8
C360.0	107.7	119.0	128.8	138.2	149.1	161.4	173.7	187.0	201.1	215.6
C\G	G160.0	G161.0	G162.0	G163.0	G164.0	G165.0	G166.0	G167.0	G168.0	G169.0
C0.0	229.2	241.6	254.1	264.4	274.5	284.3	294.2	298.7	310.4	324.5
C22.5	230.9	242.7	253.7	263.1	272.8	276.8	286.7	298.8	311.3	328.9
C45.0	231.3	241.3	253.1	266.4	277.3	289.1	301.2	313.8	326.9	336.0
C67.5	205.1	220.0	235.4	249.9	264.5	277.8	290.9	303.8	315.1	326.8
C90.0	206.0	218.9	231.3	243.7	257.4	269.6	281.4	293.9	305.7	315.4

Light intensity data Unit[cd]

C112.5	199.4	212.6	226.5	240.3	254.0	267.1	279.8	291.1	302.7	315.8
C135.0	192.4	205.8	217.8	232.3	246.0	258.4	270.0	282.5	295.0	307.0
C157.5	197.5	210.1	222.2	234.7	246.4	257.6	267.4	277.4	288.9	300.7
C180.0	195.8	207.8	220.4	234.1	245.4	255.6	266.1	275.6	285.8	294.6
C202.5	197.2	211.4	226.3	239.3	252.4	265.8	277.5	288.1	298.6	306.1
C225.0	201.8	218.9	234.1	247.8	261.5	274.0	284.4	293.8	304.0	312.2
C247.5	231.0	244.3	256.4	268.9	280.4	289.7	297.9	305.4	313.5	323.2
C270.0	249.0	262.0	275.2	288.5	298.7	308.4	317.7	327.2	335.6	346.9
C292.5	255.5	267.2	278.8	288.9	298.1	306.8	315.5	327.0	337.1	348.0
C315.0	253.1	262.9	271.7	279.6	289.4	298.8	308.0	318.7	329.5	341.5
C337.5	234.8	246.1	255.5	266.4	275.8	287.3	297.8	308.5	320.0	330.7
C360.0	229.2	241.6	254.1	264.4	274.5	284.3	294.2	298.7	310.4	324.5
C\G	G170.0	G171.0	G172.0	G173.0	G174.0	G175.0	G176.0	G177.0	G178.0	G179.0
C0.0	339.6	358.3	372.0	384.4	396.4	398.0	398.1	398.1	398.1	398.1
C22.5	339.2	348.5	356.7	365.8	376.5	380.9	385.8	387.1	389.0	392.0
C45.0	348.5	360.0	370.1	381.9	393.5	398.6	400.0	401.2	401.3	401.3
C67.5	335.4	341.7	349.7	359.1	371.5	377.6	383.2	386.4	388.9	389.5
C90.0	327.2	335.2	343.3	354.4	360.0	367.3	372.3	387.2	392.7	397.6
C112.5	327.6	336.0	342.3	351.5	356.5	363.4	370.4	384.3	391.8	396.6
C135.0	318.8	327.6	334.2	345.6	358.3	369.7	383.3	397.8	399.7	405.9
C157.5	312.5	321.6	331.1	343.8	358.7	373.1	386.3	400.1	407.3	407.3
C180.0	302.0	309.9	316.8	328.5	340.4	353.7	367.3	389.6	400.5	400.5
C202.5	311.5	314.8	321.2	333.2	345.8	362.4	376.9	392.7	399.5	399.5
C225.0	320.2	325.8	330.3	341.8	354.3	365.7	379.0	393.3	395.7	396.3
C247.5	331.8	336.9	342.7	353.7	365.2	376.7	389.0	399.5	402.5	401.9
C270.0	348.7	353.6	358.0	365.9	386.3	398.2	401.3	406.3	405.7	405.6
C292.5	359.9	369.9	375.5	383.4	393.8	398.9	404.0	407.7	407.1	407.1
C315.0	351.8	363.6	371.7	381.7	394.4	397.8	402.6	406.3	406.4	407.7
C337.5	344.4	358.1	373.1	386.3	398.5	404.2	404.2	404.2	401.2	400.5
C360.0	339.6	358.3	372.0	384.4	396.4	398.0	398.1	398.1	398.1	398.1
C\G	G180.0									
C0.0	398.1									
C22.5	398.1									
C45.0	398.1									
C67.5	398.1									
C90.0	398.1									
C112.5	398.1									
C135.0	398.1									
C157.5	398.1									
C180.0	398.1									
C202.5	398.1									
C225.0	398.1									

Light intensity data Unit[cd]

C247.5	398.1									
C270.0	398.1									
C292.5	398.1									
C315.0	398.1									
C337.5	398.1									
C360.0	398.1									

Zonal Luminous Flux Data

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
0.0	278600.00	0.00	0.00	0.00	0.00
0.0-1.0	278171.30	266.40	266.40	0.24	0.24
1.0-2.0	276844.10	796.61	1063.02	0.71	0.95
2.0-3.0	274589.70	1318.85	2381.86	1.18	2.13
3.0-4.0	271312.50	1827.31	4209.17	1.63	3.76
4.0-5.0	267088.40	2316.17	6525.35	2.07	5.83
5.0-6.0	261756.40	2779.22	9304.56	2.48	8.31
6.0-7.0	255255.60	3209.08	12513.65	2.87	11.18
7.0-8.0	247409.40	3597.48	16111.13	3.21	14.40
8.0-9.0	237961.90	3933.67	20044.80	3.51	17.91
9.0-10.0	226706.00	4205.08	24249.88	3.76	21.67
10.0-11.0	213238.80	4395.95	28645.83	3.93	25.60
11.0-12.0	197662.70	4491.74	33137.57	4.01	29.61
12.0-13.0	179781.70	4479.31	37616.88	4.00	33.61
13.0-14.0	160097.60	4350.43	41967.31	3.89	37.50
14.0-15.0	139823.70	4117.45	46084.76	3.68	41.18
15.0-16.0	119788.80	3804.05	49888.81	3.40	44.58
16.0-17.0	101719.60	3449.48	53338.29	3.08	47.66
17.0-18.0	86212.29	3098.59	56436.88	2.77	50.43
18.0-19.0	73308.83	2775.34	59212.23	2.48	52.91
19.0-20.0	62809.46	2491.34	61703.57	2.23	55.14
20.0-21.0	54323.05	2249.18	63952.75	2.01	57.15
21.0-22.0	47471.70	2045.61	65998.34	1.83	58.97
22.0-23.0	41771.66	1872.57	67870.91	1.67	60.65
23.0-24.0	37119.84	1724.85	69595.75	1.54	62.19
24.0-25.0	32902.01	1592.14	71187.90	1.42	63.61
25.0-26.0	29184.16	1465.55	72653.45	1.31	64.92
26.0-27.0	26159.13	1353.99	74007.45	1.21	66.13
27.0-28.0	23552.17	1258.58	75266.03	1.12	67.25
28.0-29.0	21290.08	1173.20	76439.23	1.05	68.30
29.0-30.0	19297.29	1095.85	77535.10	0.98	69.28
30.0-31.0	17488.07	1023.68	78558.79	0.91	70.20
31.0-32.0	15875.92	955.84	79514.63	0.85	71.05
32.0-33.0	14484.14	894.42	80409.05	0.80	71.85
33.0-34.0	13261.65	839.67	81248.73	0.75	72.60
34.0-35.0	12158.94	789.47	82038.21	0.71	73.31
35.0-36.0	11195.98	743.63	82781.83	0.66	73.97
36.0-37.0	10338.16	702.32	83484.15	0.63	74.60
37.0-38.0	9586.23	665.05	84149.20	0.59	75.19
38.0-39.0	8929.50	631.99	84781.19	0.56	75.76
39.0-40.0	8349.51	602.63	85383.82	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	7853.05	576.97	85960.78	0.52	76.81
41.0-42.0	7421.55	554.95	86515.74	0.50	77.31
42.0-43.0	7050.31	536.08	87051.83	0.48	77.79
43.0-44.0	6733.60	520.24	87572.07	0.46	78.25
44.0-45.0	6463.84	507.19	88079.27	0.45	78.70
45.0-46.0	6232.94	496.54	88575.83	0.44	79.15
46.0-47.0	6036.58	487.99	89063.82	0.44	79.58
47.0-48.0	5863.31	481.06	89544.88	0.43	80.01
48.0-49.0	5712.77	475.38	90020.27	0.42	80.44
49.0-50.0	5582.52	470.94	90491.20	0.42	80.86
50.0-51.0	5468.47	467.55	90958.75	0.42	81.28
51.0-52.0	5370.38	465.10	91423.85	0.42	81.69
52.0-53.0	5281.04	463.34	91887.19	0.41	82.11
53.0-54.0	5193.25	461.66	92348.84	0.41	82.52
54.0-55.0	5106.72	459.77	92808.61	0.41	82.93
55.0-56.0	5011.84	457.23	93265.84	0.41	83.34
56.0-57.0	4895.59	452.99	93718.83	0.40	83.74
57.0-58.0	4775.04	447.20	94166.03	0.40	84.14
58.0-59.0	4666.45	441.40	94607.42	0.39	84.54
59.0-60.0	4569.17	436.32	95043.74	0.39	84.93
60.0-61.0	4483.64	432.02	95475.75	0.39	85.31
61.0-62.0	4424.35	429.24	95904.98	0.38	85.70
62.0-63.0	4330.19	425.78	96330.75	0.38	86.08
63.0-64.0	4179.68	417.58	96748.31	0.37	86.45
64.0-65.0	4031.77	406.38	97154.69	0.36	86.81
65.0-66.0	3864.15	393.96	97548.64	0.35	87.17
66.0-67.0	3682.22	379.45	97928.10	0.34	87.50
67.0-68.0	3545.88	366.15	98294.27	0.33	87.83
68.0-69.0	3562.90	362.66	98656.92	0.32	88.16
69.0-70.0	4002.96	388.57	99045.48	0.35	88.50
70.0-71.0	4900.69	460.19	99505.67	0.41	88.91
71.0-72.0	6040.67	568.92	100074.60	0.51	89.42
72.0-73.0	6679.31	665.16	100739.70	0.59	90.02
73.0-74.0	6852.51	711.40	101451.10	0.64	90.65
74.0-75.0	6904.94	726.89	102178.00	0.65	91.30
75.0-76.0	7040.40	740.27	102918.30	0.66	91.96
76.0-77.0	7138.75	755.97	103674.30	0.68	92.64
77.0-78.0	7016.32	757.73	104432.00	0.68	93.32
78.0-79.0	6772.64	740.88	105172.90	0.66	93.98
79.0-80.0	6535.21	717.46	105890.40	0.64	94.62
80.0-81.0	6335.84	696.05	106586.40	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	6135.01	676.27	107262.70	0.60	95.85
82.0-83.0	5927.37	655.73	107918.40	0.59	96.43
83.0-84.0	5642.82	630.32	108548.70	0.56	97.00
84.0-85.0	5268.65	595.53	109144.20	0.53	97.53
85.0-86.0	4788.98	549.76	109694.00	0.49	98.02
86.0-87.0	4195.54	491.71	110185.70	0.44	98.46
87.0-88.0	3472.41	420.04	110605.70	0.38	98.83
88.0-89.0	2639.45	335.00	110940.80	0.30	99.13
89.0-90.0	1853.30	246.33	111187.10	0.22	99.35
90.0-91.0	780.11	144.39	111331.50	0.13	99.48
91.0-92.0	209.31	54.23	111385.70	0.05	99.53
92.0-93.0	179.16	21.28	111407.00	0.02	99.55
93.0-94.0	211.99	21.41	111428.40	0.02	99.57
94.0-95.0	249.61	25.23	111453.70	0.02	99.59
95.0-96.0	296.05	29.78	111483.40	0.03	99.62
96.0-97.0	238.58	29.13	111512.60	0.03	99.64
97.0-98.0	199.57	23.82	111536.40	0.02	99.66
98.0-99.0	173.80	20.25	111556.70	0.02	99.68
99.0-100.0	167.01	18.43	111575.10	0.02	99.70
100.0-101.0	145.56	16.85	111591.90	0.02	99.71
101.0-102.0	122.11	14.38	111606.30	0.01	99.73
102.0-103.0	97.36	11.75	111618.10	0.01	99.74
103.0-104.0	77.25	9.31	111627.40	0.01	99.75
104.0-105.0	64.20	7.51	111634.90	0.01	99.75
105.0-106.0	51.44	6.11	111641.00	0.01	99.76
106.0-107.0	36.93	4.65	111645.60	0.00	99.76
107.0-108.0	27.89	3.39	111649.00	0.00	99.77
108.0-109.0	20.66	2.52	111651.60	0.00	99.77
109.0-110.0	19.14	2.06	111653.60	0.00	99.77
110.0-111.0	17.56	1.88	111655.50	0.00	99.77
111.0-112.0	16.05	1.71	111657.20	0.00	99.77
112.0-113.0	15.82	1.61	111658.80	0.00	99.77
113.0-114.0	15.62	1.58	111660.40	0.00	99.78
114.0-115.0	15.35	1.55	111661.90	0.00	99.78
115.0-116.0	15.16	1.51	111663.40	0.00	99.78
116.0-117.0	14.93	1.48	111664.90	0.00	99.78
117.0-118.0	14.40	1.43	111666.40	0.00	99.78
118.0-119.0	14.31	1.38	111667.70	0.00	99.78
119.0-120.0	14.42	1.37	111669.10	0.00	99.78
120.0-121.0	14.77	1.38	111670.50	0.00	99.78
121.0-122.0	15.00	1.39	111671.90	0.00	99.79

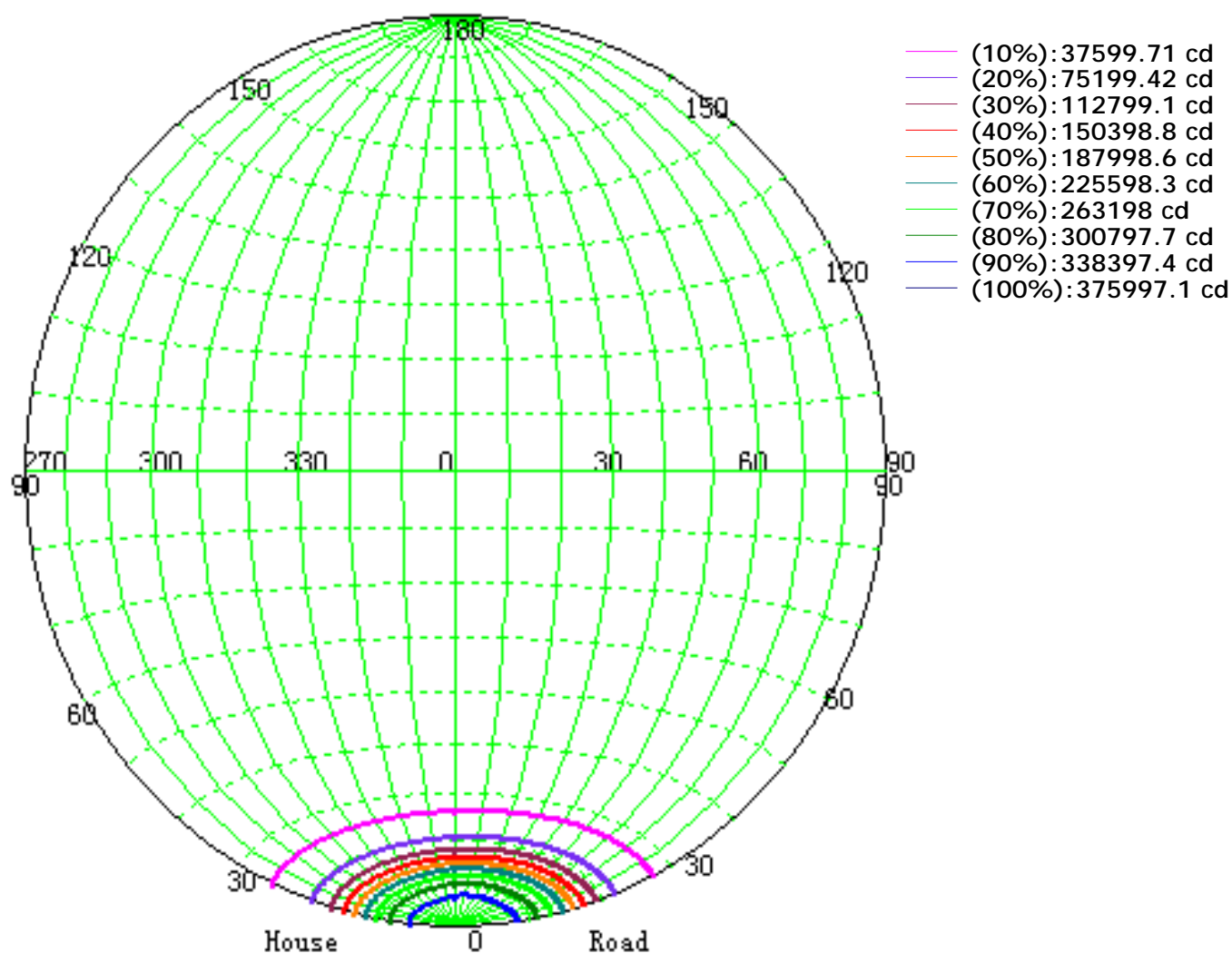
Zonal Luminous Flux Data

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
122.0-123.0	15.00	1.39	111673.30	0.00	99.79
123.0-124.0	15.00	1.37	111674.70	0.00	99.79
124.0-125.0	15.04	1.36	111676.00	0.00	99.79
125.0-126.0	15.15	1.35	111677.40	0.00	99.79
126.0-127.0	15.27	1.34	111678.70	0.00	99.79
127.0-128.0	15.65	1.34	111680.00	0.00	99.79
128.0-129.0	15.30	1.33	111681.30	0.00	99.79
129.0-130.0	15.07	1.29	111682.60	0.00	99.80
130.0-131.0	15.19	1.26	111683.90	0.00	99.80
131.0-132.0	15.50	1.26	111685.20	0.00	99.80
132.0-133.0	17.22	1.32	111686.50	0.00	99.80
133.0-134.0	18.78	1.43	111687.90	0.00	99.80
134.0-135.0	19.63	1.50	111689.40	0.00	99.80
135.0-136.0	20.43	1.54	111691.00	0.00	99.80
136.0-137.0	21.82	1.59	111692.50	0.00	99.80
137.0-138.0	21.57	1.61	111694.10	0.00	99.81
138.0-139.0	23.39	1.63	111695.80	0.00	99.81
139.0-140.0	26.27	1.77	111697.50	0.00	99.81
140.0-141.0	28.95	1.93	111699.50	0.00	99.81
141.0-142.0	32.61	2.10	111701.60	0.00	99.81
142.0-143.0	36.91	2.32	111703.90	0.00	99.81
143.0-144.0	42.06	2.58	111706.50	0.00	99.82
144.0-145.0	47.94	2.87	111709.40	0.00	99.82
145.0-146.0	55.01	3.20	111712.50	0.00	99.82
146.0-147.0	63.08	3.57	111716.10	0.00	99.83
147.0-148.0	72.59	4.00	111720.10	0.00	99.83
148.0-149.0	83.06	4.46	111724.60	0.00	99.83
149.0-150.0	94.41	4.94	111729.50	0.00	99.84
150.0-151.0	106.43	5.42	111734.90	0.00	99.84
151.0-152.0	118.42	5.88	111740.80	0.01	99.85
152.0-153.0	130.14	6.29	111747.10	0.01	99.85
153.0-154.0	142.04	6.66	111753.70	0.01	99.86
154.0-155.0	155.18	7.02	111760.80	0.01	99.87
155.0-156.0	168.30	7.36	111768.10	0.01	99.87
156.0-157.0	180.76	7.63	111775.80	0.01	99.88
157.0-158.0	193.03	7.84	111783.60	0.01	99.89
158.0-159.0	206.17	8.02	111791.60	0.01	99.89
159.0-160.0	219.37	8.17	111799.80	0.01	99.90
160.0-161.0	232.10	8.26	111808.00	0.01	99.91
161.0-162.0	244.53	8.29	111816.30	0.01	99.91
162.0-163.0	256.77	8.27	111824.60	0.01	99.92

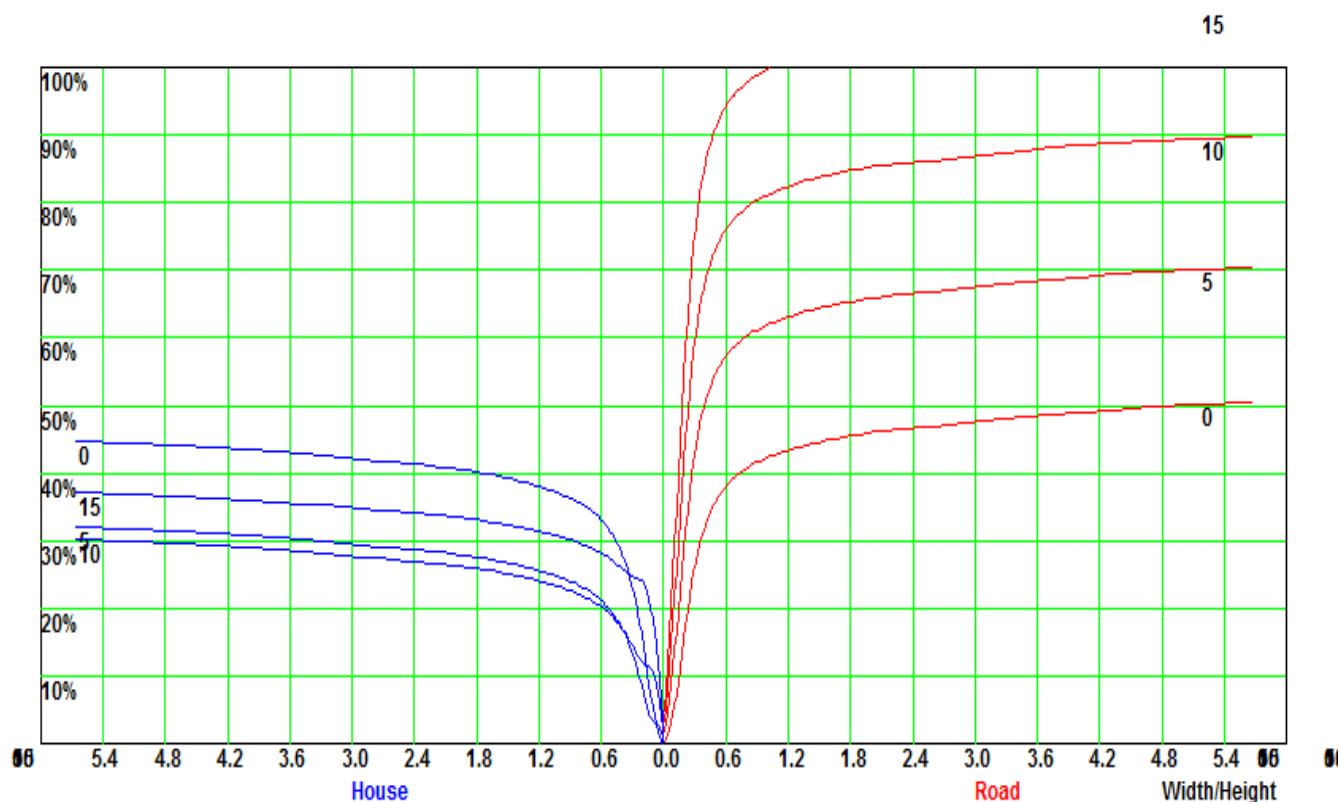
Zonal Luminous Flux Data

[illegible]

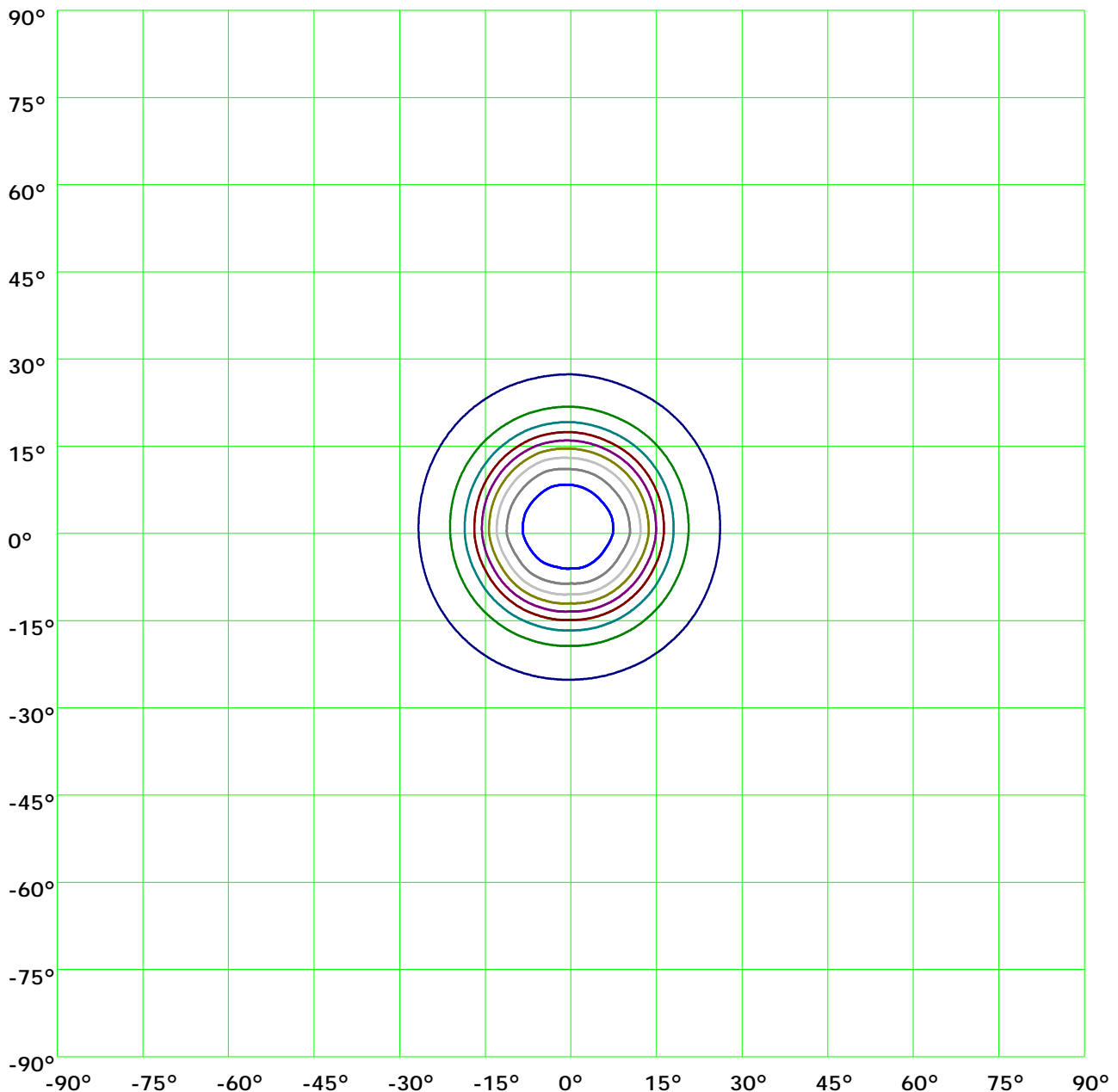
Iso-Candela [cd]



Coefficient Utilization Curve

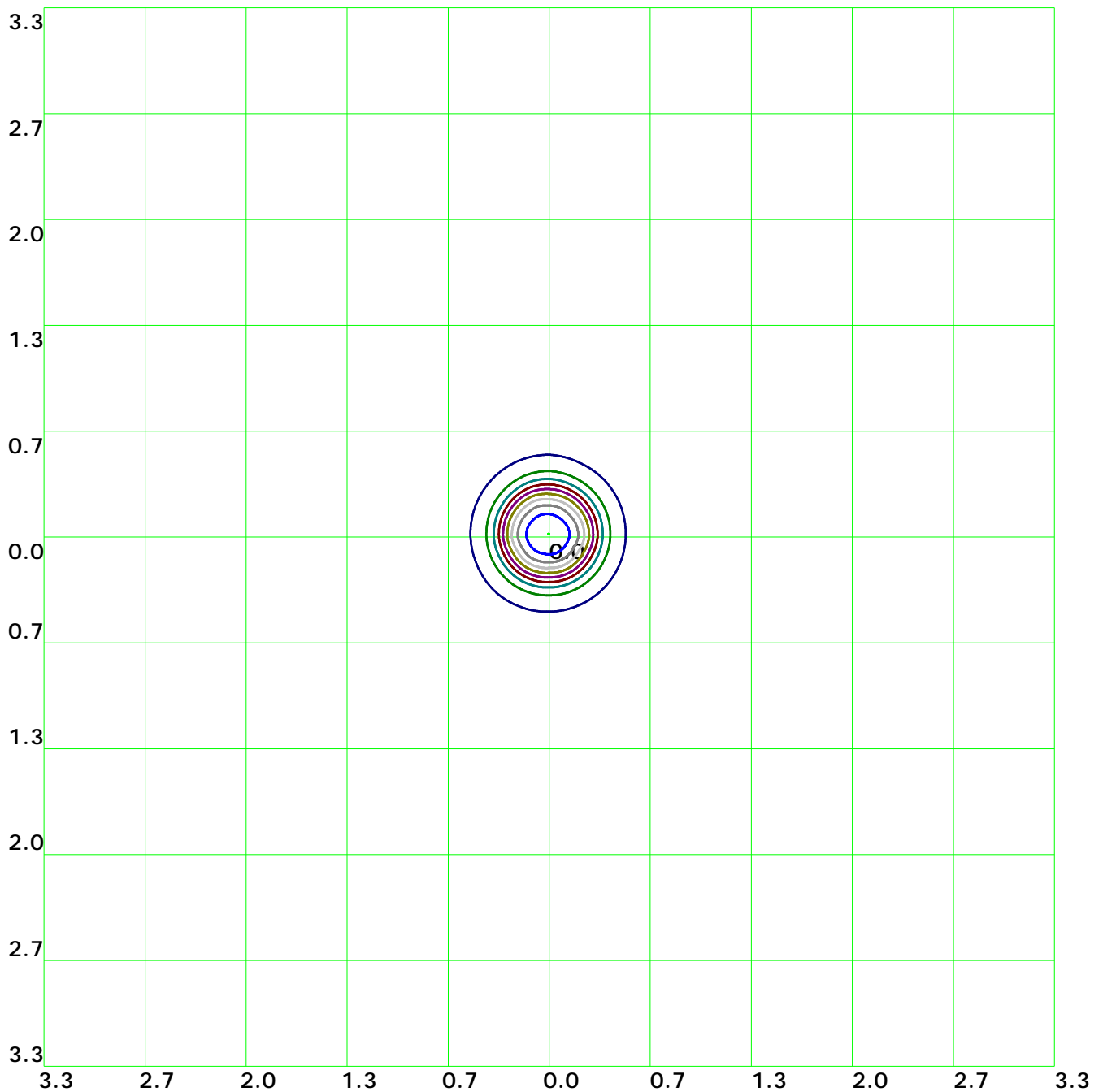


Isocandela(rectangle)



—(10%): 28053.6cd —(20%): 56107.1cd —(30%): 84160.7cd —(40%): 112214.2cd
—(50%): 140267.8cd —(60%): 168321.3cd —(70%): 196374.9cd —(80%): 224428.4cd
—(90%): 252482.cd —(100%): 280535.5cd

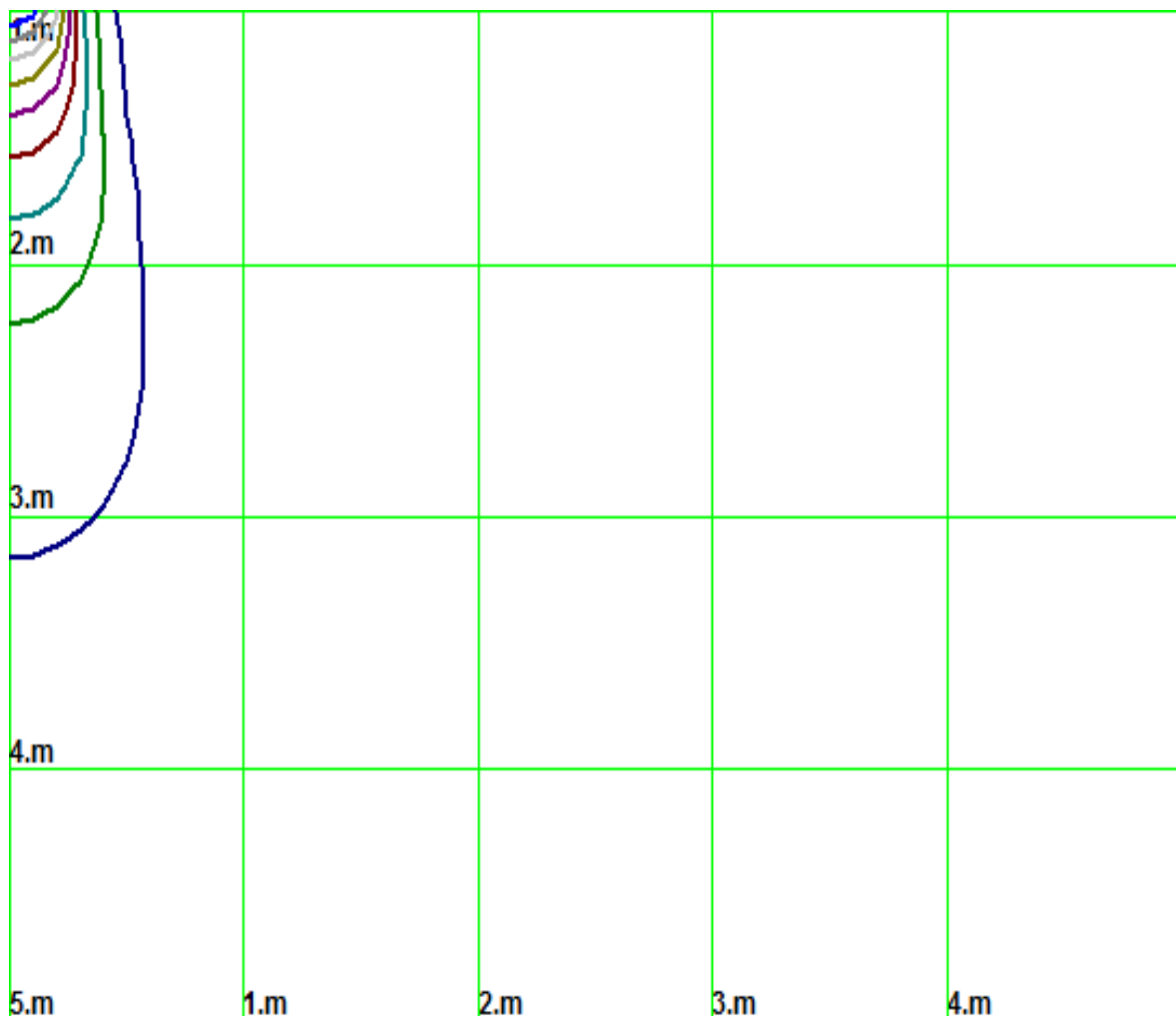
Isolx curve



Height: 1 m

(10%): 28053.6lx (20%): 56107.1lx (30%): 84160.7lx (40%): 112214.2lx
 (50%): 140267.8lx (60%): 168321.3lx (70%): 196374.9lx (80%): 224428.4lx
 (90%): 252482.1lx (100%): 280255.1lx

Space Isolx Curve



(10%): 28053.6lx (20%): 56107.1lx (30%): 84160.7lx (40%): 112214.2lx
 (50%): 140267.8lx (60%): 168321.3lx (70%): 196374.9lx (80%): 224428.4lx
 (90%): 252482.1lx (100%): 280255.1lx

Luminance Limiting Curve

Diameter: .687mm

Length: .687mm

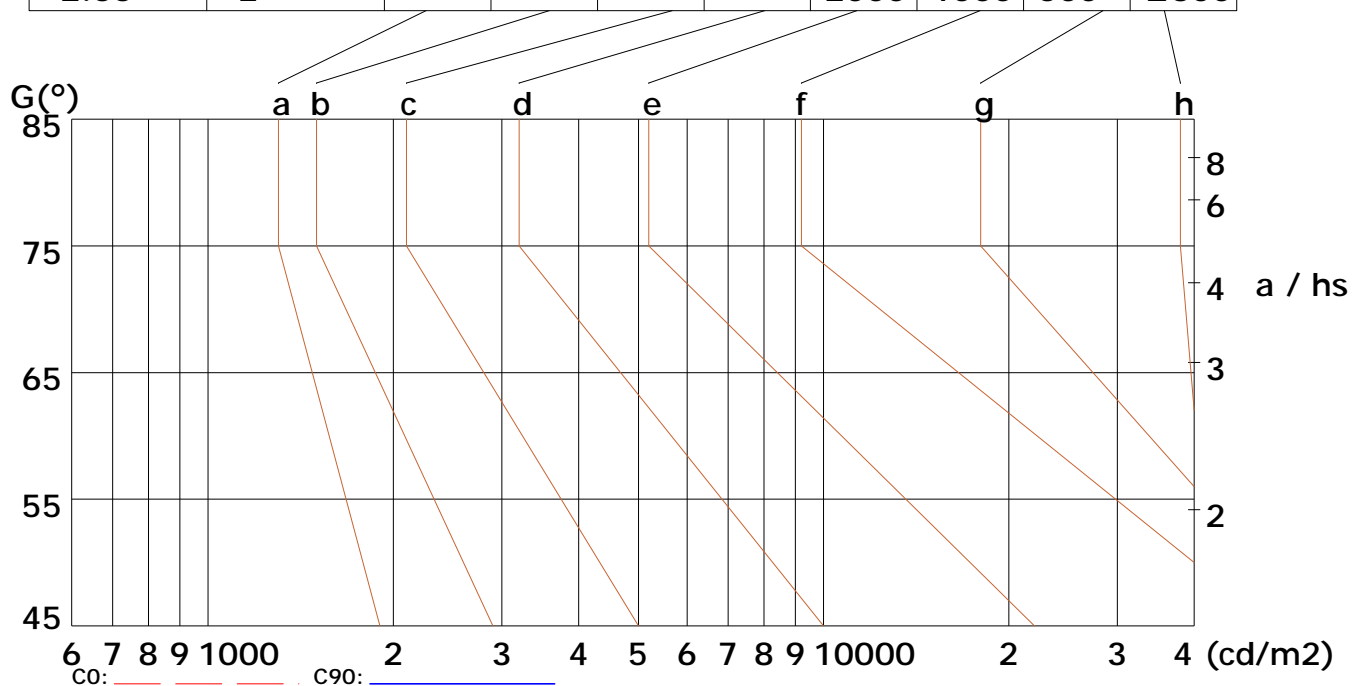
Width: .579mm

Height: .199mm

(cd/m2)

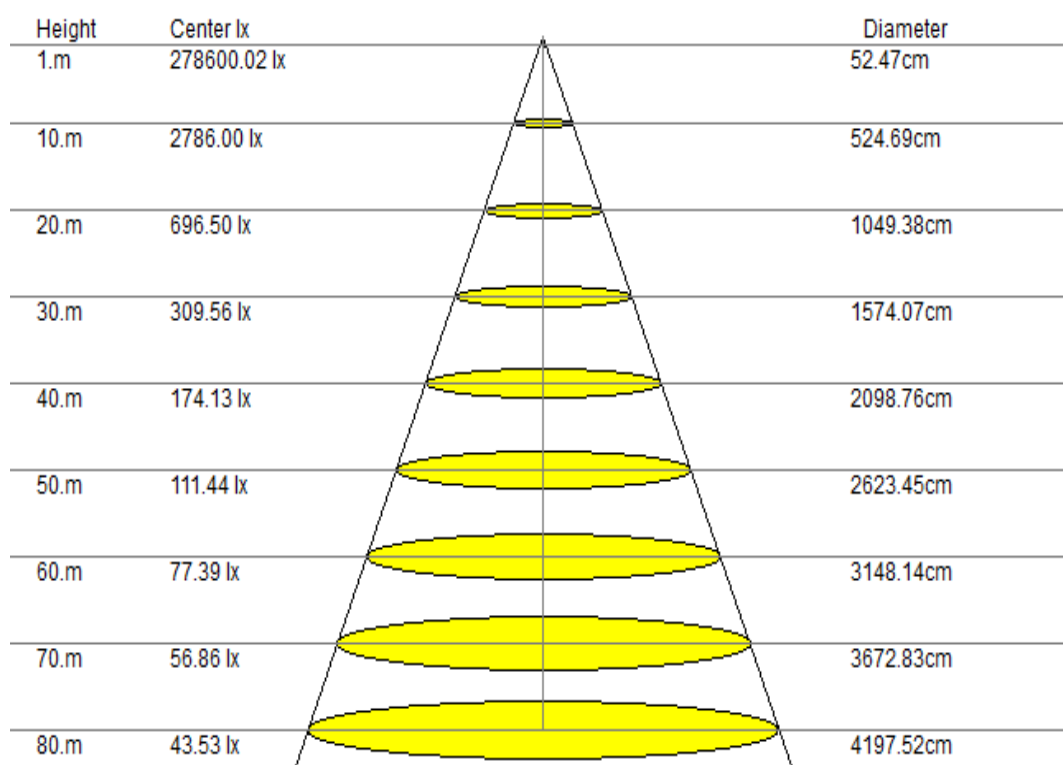
γ	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	26337	26737	27500	27804	28156	28208	27341	21134	11543
C90	21029	18811	18640	19200	39243	29073	26077	38905	97101

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

