

Luminaire Property

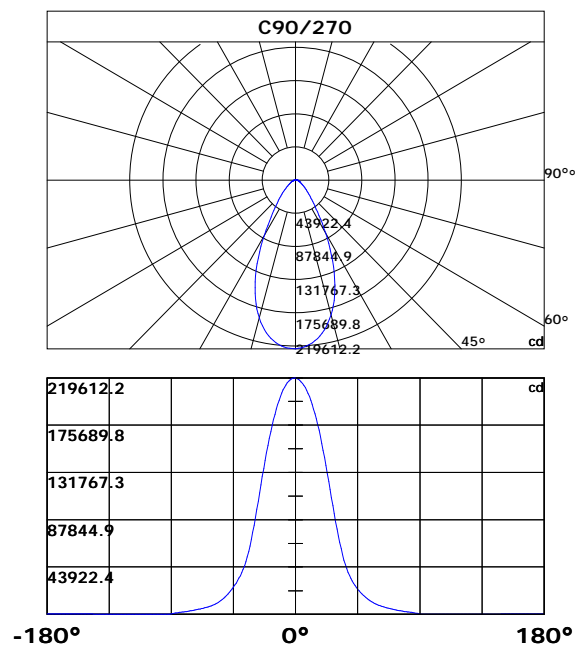
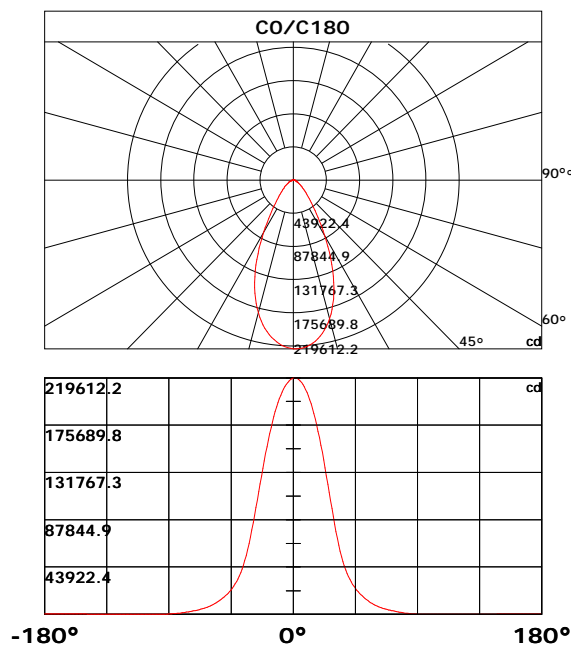
Luminaire Description: T500-1200W-60D
Luminaire Category: LED FLOOD LIGHT
Lamp Category:
Lamp Description: CO-T500-1200W-60D
Number of Lamp: 1
Lamp Lumens(lm): 196914.8
Luminous Length(m): 0.997
Luminous Width(m): 0.579
Luminous Height(m): 0.274

Voltage: 221.8 V
Current: 4.861 A
Power: 1198 W
Power Factor: 0.967
Test Lab: Huipu-lab
Photometric Type: Type C
Manufactory: SHENZHEN COMING TECHNOLOGY CO., LTD

Photometric Results

CIE Class: Direct
Measurement Flux: 196914.80 lm
Efficiency: 164.3696 lm/W
Central Intensity: 219373.8cd
Max. Intensity: 219612.229cd
Field Angle(10%Imax): Left: -46.5 Right: 45.3

Max.Intensity Angle: C:0.0 G:1.0
Beam Angle(50%Imax): L: -26.5 R:25.5
Luminaire Efficacy Rating(LER) : 100.00%
Upward Ratio: 0.24%
Downward Ratio: 99.76%



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	219373.7	219612.2	219462.6	218975.7	218122.7	216917.8	215380.9	213538.6	211405.4	208910.3
C22.5	219373.7	219453.6	219158.8	218551.5	217653.1	216333.5	214614.3	212670.9	210431.3	207794.6
C45.0	219373.7	219363.6	218968.0	218246.5	217190.3	215739.0	213969.8	211914.5	209521.1	206842.8
C67.5	219373.7	219167.5	218593.2	217700.7	216499.4	215016.6	213175.0	211014.6	208507.7	205622.9
C90.0	219373.7	218952.3	218275.5	217275.9	215997.8	214455.7	212607.6	210465.4	208035.5	205287.2
C112.5	219373.7	218793.1	218027.0	216978.5	215590.4	213949.5	211948.1	209712.1	207215.2	204297.9
C135.0	219373.7	218787.9	217941.2	216825.6	215262.7	213563.9	211500.5	209129.6	206493.2	203524.0
C157.5	219373.7	218761.6	217853.2	216663.6	215155.7	213385.0	211314.1	208938.4	206268.6	203291.2
C180.0	219373.7	218931.2	218073.7	216902.4	215459.0	213703.5	211642.5	209215.6	206543.5	203482.4
C202.5	219373.7	218998.0	218185.0	217165.4	215712.6	214049.8	212002.8	209807.5	207221.2	204228.3
C225.0	219373.7	219199.7	218633.7	217725.5	216541.5	215015.4	213153.0	210899.1	208428.9	205629.7
C247.5	219373.7	219349.2	218974.4	218275.7	217220.8	215866.0	214220.6	212160.1	209773.4	207034.6
C270.0	219373.7	219351.7	219094.4	218485.4	217601.3	216434.8	214917.4	213127.0	210938.9	208398.6
C292.5	219373.7	219463.3	219244.2	218789.4	217933.8	216812.9	215385.9	213680.9	211565.6	209099.4
C315.0	219373.7	219550.3	219435.4	219018.7	218229.8	217155.1	215760.4	214004.7	212009.8	209660.1
C337.5	219373.7	219611.6	219556.7	219188.6	218440.4	217341.9	215895.0	214124.6	212129.8	209741.3
C360.0	219373.7	219612.2	219462.6	218975.7	218122.7	216917.8	215380.9	213538.6	211405.4	208910.3
C\G	G10.0	G11.0	G12.0	G13.0	G14.0	G15.0	G16.0	G17.0	G18.0	G19.0
C0.0	206096.0	202862.2	199238.5	195358.7	191045.6	186510.3	181197.3	175729.2	169891.0	163706.5
C22.5	204965.4	201689.1	198071.7	194032.0	189624.8	184883.8	179655.5	174096.2	168056.2	161835.3
C45.0	203776.4	200426.7	196674.7	192551.4	188065.2	183148.5	177775.0	172201.6	166094.0	159680.3
C67.5	202399.4	198860.4	194947.2	190667.0	186085.2	181116.9	175729.0	170055.7	163943.8	157638.4
C90.0	202191.7	198735.4	194937.7	190795.0	186331.8	181613.1	176393.2	170889.7	164972.2	158676.3
C112.5	201113.6	197631.3	193759.7	189628.7	185105.7	180303.7	175026.0	169334.6	163520.6	157221.6
C135.0	200244.6	196692.3	192720.1	188544.3	183937.2	179051.0	173772.3	168113.3	162238.9	156077.8
C157.5	199987.9	196343.5	192434.9	188057.4	183513.3	178591.1	173324.6	167789.7	161821.7	155613.0
C180.0	200225.5	196607.5	192648.8	188395.6	183713.1	178744.5	173391.1	167750.0	161955.9	155694.8
C202.5	200964.3	197314.9	193391.7	189110.1	184585.4	179546.5	174332.5	168682.9	162767.5	156537.7
C225.0	202465.2	198968.5	195124.6	190972.1	186429.7	181546.7	176337.8	170819.1	164883.6	158643.5
C247.5	203969.5	200579.7	196817.8	192692.0	188257.5	183442.5	178173.3	172616.0	166674.9	160448.6
C270.0	205563.1	202277.8	198733.9	194799.0	190482.9	185745.7	180726.6	175225.0	169503.6	163303.2
C292.5	206349.6	203173.2	199701.2	195827.3	191587.5	187061.4	182024.8	176672.7	170835.3	164652.7
C315.0	206986.4	203960.3	200585.2	196757.8	192519.6	187985.3	182892.7	177511.4	171786.8	165576.3
C337.5	207014.7	203942.2	200531.7	196726.1	192550.3	187921.8	182890.8	177527.6	171779.4	165556.4
C360.0	206096.0	202862.2	199238.5	195358.7	191045.6	186510.3	181197.3	175729.2	169891.0	163706.5
C\G	G20.0	G21.0	G22.0	G23.0	G24.0	G25.0	G26.0	G27.0	G28.0	G29.0
C0.0	157068.6	150347.3	143347.1	135951.2	128549.9	120947.2	113408.0	105744.6	98251.9	90890.2
C22.5	155174.4	148453.6	141210.5	133987.2	126433.5	118979.3	111205.3	103768.6	96362.4	88954.6
C45.0	153025.2	146072.7	138949.4	131520.1	124051.9	116393.0	108900.1	101214.7	93860.2	86450.2
C67.5	150792.6	143854.8	136684.9	129129.2	121712.2	114053.1	106327.1	98731.5	91249.1	84026.1
C90.0	152209.1	145405.3	138311.4	131077.0	123535.8	116024.0	108410.2	100903.8	93410.1	86124.7

Light intensity data Unit[cd]

C112.5	150728.0	144009.8	136892.7	129662.7	122242.6	114830.9	107446.1	99839.7	92365.8	85259.8
C135.0	149558.8	142742.5	135770.7	128627.8	121372.1	114140.5	106748.9	99280.4	91930.1	84838.7
C157.5	149042.4	142366.4	135517.7	128416.6	121111.3	113869.1	106487.7	99253.5	92088.2	84988.9
C180.0	149212.5	142517.1	135588.9	128439.6	121176.1	113865.3	106481.1	99262.1	92013.3	85044.4
C202.5	150078.6	143286.6	136397.3	129182.3	121924.1	114737.4	107414.4	100118.2	92942.0	85884.1
C225.0	151997.3	145148.1	138174.9	130875.9	123565.6	116279.5	108697.3	101266.0	93904.4	86831.8
C247.5	153873.2	146991.4	139997.4	132728.5	125214.1	117724.9	110087.4	102587.3	95200.0	87966.0
C270.0	156754.9	149954.5	142854.3	135447.0	128026.5	120255.0	112721.8	104944.7	97430.7	90046.0
C292.5	158150.5	151389.5	144300.9	136801.4	129284.8	121616.6	113897.8	106062.7	98494.6	91019.1
C315.0	159138.8	152303.8	145200.4	137785.7	130270.4	122636.5	114909.0	107195.3	99537.0	92042.4
C337.5	159138.2	152429.3	145252.1	137924.5	130491.2	122801.8	115151.7	107440.0	99855.6	92253.3
C360.0	157068.6	150347.3	143347.1	135951.2	128549.9	120947.2	113408.0	105744.6	98251.9	90890.2
C\G	G30.0	G31.0	G32.0	G33.0	G34.0	G35.0	G36.0	G37.0	G38.0	G39.0
C0.0	83663.9	76830.8	70222.1	64266.9	58654.3	53445.8	48937.2	44848.9	41230.0	37903.3
C22.5	81843.2	75087.1	68604.6	62704.6	57206.4	52292.1	47900.8	43879.0	40377.6	37210.0
C45.0	79477.0	72708.6	66401.9	60663.6	55325.0	50528.2	46245.3	42376.2	38977.2	35912.8
C67.5	77076.0	70397.1	64287.7	58766.8	53615.6	49039.3	44836.2	41174.3	37923.3	34937.0
C90.0	79094.5	72527.5	66765.5	61003.4	55246.5	50409.3	46244.5	42481.2	39085.3	36128.8
C112.5	78236.6	72268.5	66300.2	60331.9	54380.1	49603.5	45420.7	41662.1	38334.3	35319.0
C135.0	77960.2	71732.7	65505.3	59315.0	54228.1	49495.3	45365.6	41633.1	38326.2	35348.8
C157.5	78144.1	72243.7	66343.4	60443.1	54574.9	49859.3	45643.6	41834.6	38523.5	35561.0
C180.0	78280.9	71878.6	65799.0	59730.5	54673.1	49964.6	45756.8	41918.7	38592.2	35570.3
C202.5	79010.0	72632.4	66928.4	61224.5	55537.8	50730.1	46565.8	42786.0	39486.5	36513.4
C225.0	79989.0	73374.5	67642.9	61911.3	56190.4	51439.5	47214.6	43362.2	40021.6	37037.8
C247.5	80954.0	74215.9	68448.4	62681.1	56943.6	52093.3	47832.6	43989.9	40597.5	37531.9
C270.0	82750.4	76010.4	69441.5	63537.6	58176.9	53270.7	48930.6	45091.3	41678.8	38633.6
C292.5	83708.6	76823.9	70213.8	64235.3	58742.5	53735.6	49245.6	45288.9	41750.9	38602.1
C315.0	84746.6	77769.7	71113.9	65005.1	59362.0	54279.8	49726.3	45657.8	42054.4	38801.4
C337.5	84915.5	77953.4	71383.9	65261.6	59529.5	54400.6	49762.6	45666.9	42016.1	38716.5
C360.0	83663.9	76830.8	70222.1	64266.9	58654.3	53445.8	48937.2	44848.9	41230.0	37903.3
C\G	G40.0	G41.0	G42.0	G43.0	G44.0	G45.0	G46.0	G47.0	G48.0	G49.0
C0.0	35017.3	32493.1	29975.3	27828.4	25869.0	24049.7	22402.8	20890.0	19463.5	18136.3
C22.5	34673.8	32143.8	29613.8	27518.4	25672.2	23927.1	22313.5	20803.4	19405.3	18078.7
C45.0	33179.6	30691.1	28678.9	26672.2	24665.5	22944.3	21413.5	19983.4	18679.0	17434.9
C67.5	32442.9	29959.0	27797.9	25846.8	24062.4	22423.4	20945.6	19531.4	18249.9	17042.7
C90.0	33410.9	31006.7	28813.1	26843.6	25072.0	23404.1	21833.2	20370.1	19010.7	17745.7
C112.5	32590.2	30207.7	28027.2	26057.2	24277.7	22640.9	21126.6	19727.9	18461.8	17258.8
C135.0	32661.3	30275.1	28115.9	26128.0	24329.5	22669.2	21150.3	19746.7	18430.7	17196.7
C157.5	32869.6	30471.8	28255.7	26268.6	24471.8	22811.0	21279.4	19842.1	18513.5	17273.6
C180.0	32876.3	30492.7	28260.7	26243.3	24407.5	22739.0	21226.6	19786.1	18481.6	17238.8
C202.5	33818.8	31406.0	29186.4	27202.3	25355.4	23635.1	22040.8	20556.7	19188.5	17876.4
C225.0	34269.5	31822.7	29569.0	27497.4	25590.1	23851.0	22230.4	20714.2	19296.3	17962.1

Light intensity data Unit[cd]

C247.5	34764.7	32287.7	29970.3	27903.3	25986.5	24203.8	22553.8	20998.7	19566.6	18204.1
C270.0	35854.3	33555.5	31266.7	28977.9	27039.2	25221.4	23484.8	21861.1	20308.9	18838.7
C292.5	35787.8	33425.4	31074.8	28724.4	26776.8	24960.5	23254.9	21681.1	20195.4	18808.5
C315.0	35922.4	33538.4	31166.1	28793.7	26815.3	24995.9	23295.8	21743.5	20266.6	18864.7
C337.5	35792.3	33408.3	31034.0	28659.6	26683.8	24858.3	23177.5	21598.1	20136.1	18736.9
C360.0	35017.3	32493.1	29975.3	27828.4	25869.0	24049.7	22402.8	20890.0	19463.5	18136.3
C\G	G50.0	G51.0	G52.0	G53.0	G54.0	G55.0	G56.0	G57.0	G58.0	G59.0
C0.0	16933.8	15790.2	14716.9	13700.2	12726.2	11808.7	10934.7	10136.1	9385.0	8688.0
C22.5	16852.7	15694.6	14609.5	13606.0	12645.1	11770.8	10941.4	10151.1	9412.1	8749.1
C45.0	16295.7	15208.0	14204.5	13268.2	12387.9	11573.9	10804.9	10106.7	9451.1	8832.5
C67.5	15942.8	14905.2	13930.8	13014.2	12184.4	11417.7	10687.3	10023.8	9385.0	8809.9
C90.0	16565.2	15445.2	14414.0	13457.8	12574.4	11764.1	10998.6	10310.5	9680.2	9092.4
C112.5	16147.1	15101.1	14121.3	13222.0	12382.0	11602.9	10866.0	10192.8	9565.3	8975.0
C135.0	16046.1	14982.0	13980.9	13058.7	12183.4	11393.1	10653.0	9963.4	9322.6	8715.3
C157.5	16116.9	15031.4	13996.7	13034.6	12152.8	11327.8	10532.9	9792.1	9106.3	8463.3
C180.0	16120.6	15052.8	14048.9	13097.3	12192.6	11338.9	10525.4	9763.0	9057.3	8402.5
C202.5	16645.6	15485.9	14410.6	13422.7	12497.7	11639.8	10812.3	10044.8	9335.9	8673.6
C225.0	16715.8	15568.3	14476.7	13466.7	12522.9	11668.4	10872.1	10123.6	9457.1	8827.7
C247.5	16929.4	15735.3	14607.0	13595.8	12652.9	11783.1	10979.6	10229.1	9558.6	8926.5
C270.0	17470.6	16179.4	14987.9	13878.4	12858.0	11930.7	11070.0	10298.6	9598.3	8960.3
C292.5	17498.9	16272.7	15143.9	14059.3	13055.1	12106.0	11249.5	10450.7	9713.3	9049.4
C315.0	17567.6	16330.6	15175.7	14092.6	13082.5	12144.8	11271.3	10468.3	9721.0	9041.4
C337.5	17448.8	16223.5	15059.7	13986.7	12987.7	12036.5	11146.3	10317.4	9551.9	8845.8
C360.0	16933.8	15790.2	14716.9	13700.2	12726.2	11808.7	10934.7	10136.1	9385.0	8688.0
C\G	G60.0	G61.0	G62.0	G63.0	G64.0	G65.0	G66.0	G67.0	G68.0	G69.0
C0.0	8042.7	7451.7	6905.7	6402.8	5952.8	5527.3	5140.7	4773.8	4427.8	4103.3
C22.5	8126.0	7561.3	7030.8	6537.1	6094.5	5671.6	5277.6	4913.2	4558.6	4225.8
C45.0	8266.3	7731.8	7234.6	6765.9	6327.7	5896.0	5502.0	5120.7	4763.5	4417.0
C67.5	8267.0	7764.1	7307.9	6869.8	6451.5	6070.7	5722.2	5384.5	5053.5	4748.0
C90.0	8566.1	8049.5	7598.5	7178.1	6779.9	6413.1	6054.0	5725.2	5402.2	5093.6
C112.5	8427.4	7907.4	7429.2	6984.6	6571.4	6177.9	5799.7	5451.9	5120.7	4810.4
C135.0	8175.3	7650.6	7154.7	6690.9	6257.5	5849.1	5446.1	5075.0	4720.7	4383.0
C157.5	7881.7	7326.3	6820.4	6353.6	5920.1	5520.4	5139.6	4790.2	4460.6	4146.8
C180.0	7803.1	7245.6	6721.1	6246.8	5811.9	5406.5	5022.7	4675.4	4352.7	4047.3
C202.5	8074.7	7500.9	6975.4	6493.9	6053.3	5644.7	5254.5	4894.9	4557.6	4247.0
C225.0	8256.7	7721.9	7218.5	6755.5	6330.3	5923.9	5524.6	5163.4	4813.9	4495.7
C247.5	8367.4	7834.8	7353.5	6916.6	6500.5	6128.1	5766.5	5435.8	5126.3	4820.7
C270.0	8405.1	7884.0	7425.6	6988.7	6601.4	6244.3	5917.8	5591.5	5287.4	4990.6
C292.5	8422.8	7868.8	7349.9	6889.6	6452.1	6058.1	5697.3	5362.9	5034.3	4731.2
C315.0	8409.3	7836.9	7296.0	6794.0	6334.6	5900.0	5493.3	5116.5	4766.4	4430.7
C337.5	8190.7	7599.2	7049.1	6541.4	6087.2	5652.2	5254.5	4882.8	4529.1	4196.4
C360.0	8042.7	7451.7	6905.7	6402.8	5952.8	5527.3	5140.7	4773.8	4427.8	4103.3

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	3786.2	3486.5	3201.4	2931.4	2669.3	2419.9	2183.3	1953.2	1736.3	1521.5
C22.5	3900.1	3586.4	3279.2	2990.4	2718.0	2470.1	2245.5	2030.4	1832.0	1642.3
C45.0	4091.4	3772.2	3470.0	3182.9	2902.7	2632.6	2376.3	2122.2	1892.0	1672.9
C67.5	4453.4	4174.4	3901.0	3634.9	3365.4	3108.5	2853.9	2600.5	2364.9	2140.0
C90.0	4787.8	4487.1	4198.0	3930.4	3667.1	3427.6	3208.9	2999.4	2804.5	2615.3
C112.5	4505.8	4211.8	3933.3	3661.9	3384.1	3122.6	2875.7	2632.2	2399.4	2166.1
C135.0	4073.0	3760.9	3466.0	3179.6	2910.3	2645.4	2390.9	2153.9	1944.3	1737.8
C157.5	3842.0	3549.7	3258.3	2980.4	2723.8	2476.9	2246.8	2037.5	1837.3	1658.0
C180.0	3749.9	3465.5	3197.1	2944.7	2708.6	2482.7	2263.7	2053.0	1850.4	1653.1
C202.5	3939.8	3641.3	3362.3	3090.0	2832.9	2596.9	2377.6	2177.1	1988.0	1812.4
C225.0	4187.3	3889.0	3607.8	3328.7	3060.9	2793.8	2547.9	2311.6	2094.5	1885.2
C247.5	4538.2	4251.5	3983.8	3724.3	3462.9	3201.8	2948.3	2704.1	2476.5	2262.3
C270.0	4700.8	4422.9	4148.8	3883.1	3632.1	3401.4	3188.2	2987.0	2800.4	2621.9
C292.5	4442.2	4169.4	3905.6	3651.2	3390.6	3135.1	2884.8	2649.0	2430.9	2211.5
C315.0	4108.0	3796.5	3499.6	3216.9	2941.4	2676.7	2426.7	2184.3	1959.0	1747.4
C337.5	3871.4	3550.7	3254.0	2971.1	2702.4	2455.4	2228.5	2011.0	1816.4	1636.9
C360.0	3786.2	3486.5	3201.4	2931.4	2669.3	2419.9	2183.3	1953.2	1736.3	1521.5
C\G	G80.0	G81.0	G82.0	G83.0	G84.0	G85.0	G86.0	G87.0	G88.0	G89.0
C0.0	1314.4	1133.6	974.5	841.8	726.5	623.1	519.2	413.2	304.7	197.3
C22.5	1471.7	1309.1	1153.7	995.6	842.2	691.1	553.7	420.6	286.7	171.2
C45.0	1483.6	1317.1	1159.0	1012.0	870.8	735.6	600.1	466.1	325.0	185.4
C67.5	1929.9	1735.5	1545.1	1374.6	1211.9	1053.6	882.3	704.3	503.9	249.0
C90.0	2432.6	2261.0	2084.0	1911.2	1730.6	1550.3	1371.3	1161.9	926.6	628.4
C112.5	1943.9	1744.7	1558.3	1392.2	1236.3	1090.2	940.2	766.9	568.5	354.7
C135.0	1549.8	1382.9	1229.1	1082.6	944.0	813.5	681.6	551.4	427.0	301.2
C157.5	1486.7	1325.0	1170.2	1029.1	896.9	768.0	645.7	529.1	417.6	308.4
C180.0	1464.7	1288.8	1128.2	988.3	879.4	771.1	672.8	568.8	462.3	359.7
C202.5	1644.6	1489.0	1332.2	1177.0	1023.7	875.5	727.2	586.4	453.1	332.2
C225.0	1690.5	1517.2	1359.4	1212.6	1074.7	934.7	802.8	657.8	516.4	392.7
C247.5	2054.5	1867.1	1688.2	1532.7	1384.6	1245.4	1117.5	967.9	787.5	576.1
C270.0	2447.4	2275.3	2105.4	1934.1	1763.5	1588.3	1399.2	1192.3	959.2	706.2
C292.5	2008.3	1812.7	1625.9	1459.9	1308.3	1167.6	1020.1	859.1	666.8	433.8
C315.0	1560.5	1397.3	1249.2	1103.8	955.4	814.3	667.0	526.9	398.0	260.0
C337.5	1471.1	1309.7	1152.5	997.9	847.5	700.1	568.2	443.8	321.6	206.3
C360.0	1314.4	1133.6	974.5	841.8	726.5	623.1	519.2	413.2	304.7	197.3
C\G	G90.0	G91.0	G92.0	G93.0	G94.0	G95.0	G96.0	G97.0	G98.0	G99.0
C0.0	105.8	7.0	5.4	4.3	4.3	4.3	4.3	4.3	4.3	4.3
C22.5	46.9	6.5	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
C45.0	47.9	6.5	6.5	5.4	4.3	4.3	4.3	4.3	4.3	14.8
C67.5	35.1	8.7	7.6	7.6	8.5	8.7	8.7	8.7	8.7	7.6
C90.0	226.2	116.9	7.6	7.6	7.6	9.8	12.9	14.5	53.5	118.1

Light intensity data Unit[cd]

C112.5	151.0	11.8	6.5	6.5	6.5	7.6	8.5	7.6	7.6	8.7
C135.0	179.0	13.9	6.5	5.4	5.4	5.4	5.4	5.4	5.4	5.4
C157.5	201.2	12.7	5.4	4.3	4.3	4.3	4.3	4.3	4.3	4.3
C180.0	252.3	10.7	5.4	5.4	5.4	5.4	4.3	4.3	5.4	5.4
C202.5	196.5	6.5	6.5	5.6	4.9	4.3	4.3	4.3	5.4	5.4
C225.0	260.8	86.9	6.5	5.4	5.4	5.4	5.4	5.4	6.5	6.5
C247.5	321.8	109.4	6.5	6.5	6.5	7.6	7.6	8.7	8.7	11.9
C270.0	490.8	77.6	11.8	8.7	8.7	8.7	6.5	6.5	7.4	115.2
C292.5	190.7	19.9	9.9	8.7	8.7	7.6	7.6	8.3	9.1	7.6
C315.0	128.4	19.0	7.6	5.4	5.4	5.4	4.3	4.3	4.3	5.3
C337.5	94.5	8.5	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
C360.0	105.8	7.0	5.4	4.3	4.3	4.3	4.3	4.3	4.3	4.3
C\G	G100.0	G101.0	G102.0	G103.0	G104.0	G105.0	G106.0	G107.0	G108.0	G109.0
C0.0	4.3	4.3	4.3	5.4	36.8	79.1	89.0	99.0	29.8	13.4
C22.5	5.4	5.4	10.7	48.9	86.0	102.1	47.5	14.6	8.7	8.7
C45.0	30.9	31.5	32.1	10.2	6.5	6.5	5.4	5.4	5.4	5.4
C67.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
C90.0	131.0	143.8	95.7	53.8	19.4	15.1	13.4	11.8	11.9	12.9
C112.5	8.7	13.0	13.9	12.9	13.0	15.0	15.0	15.0	16.1	16.3
C135.0	7.6	7.6	8.7	8.7	8.7	9.6	9.8	10.8	11.8	12.9
C157.5	4.3	5.4	5.4	6.5	7.6	7.6	7.6	7.6	7.6	9.6
C180.0	6.4	5.4	6.5	6.5	8.7	9.8	10.2	10.7	10.8	12.9
C202.5	5.4	6.5	7.0	7.6	10.8	10.8	10.8	11.8	10.8	13.0
C225.0	6.5	6.5	6.5	7.6	9.8	10.8	9.8	10.8	11.9	13.0
C247.5	13.0	13.9	13.0	13.0	14.1	14.1	16.1	15.2	15.2	15.2
C270.0	128.0	140.7	123.4	53.0	20.3	9.8	9.8	9.8	9.8	9.8
C292.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
C315.0	6.4	34.9	44.6	27.5	10.3	6.5	5.4	5.4	5.4	5.4
C337.5	4.3	4.3	4.3	23.3	64.3	96.2	96.8	24.8	10.8	7.6
C360.0	4.3	4.3	4.3	5.4	36.8	79.1	89.0	99.0	29.8	13.4
C\G	G110.0	G111.0	G112.0	G113.0	G114.0	G115.0	G116.0	G117.0	G118.0	G119.0
C0.0	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	12.9
C22.5	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
C45.0	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
C67.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	8.7	10.7	11.9
C90.0	13.9	15.0	16.1	16.3	18.3	18.3	20.4	21.5	23.7	22.6
C112.5	18.3	19.4	18.4	21.5	21.5	22.6	23.7	26.9	28.0	29.1
C135.0	13.9	15.0	16.1	17.2	18.3	19.4	21.5	20.4	23.7	24.8
C157.5	10.7	12.9	13.9	15.0	15.0	17.2	19.4	20.4	22.6	23.7
C180.0	14.1	16.1	17.2	17.2	20.4	21.5	20.4	20.4	20.4	21.5
C202.5	14.1	15.0	16.1	17.2	18.3	18.3	20.4	21.5	22.6	24.8
C225.0	14.1	17.2	18.4	19.4	19.5	21.5	21.5	22.6	25.9	25.9

Light intensity data Unit[cd]

C247.5	16.1	16.1	17.3	18.4	20.4	21.5	22.6	23.7	24.8	25.9
C270.0	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
C292.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
C315.0	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
C337.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
C360.0	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	12.9
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	17.2	19.2	23.6	31.0	35.5	35.5	39.8	40.9	38.7
C22.5	9.6	13.8	17.2	18.3	19.4	18.3	23.7	24.8	31.1	33.3
C45.0	6.5	5.4	8.7	15.0	19.4	19.4	20.4	21.5	23.7	25.9
C67.5	17.2	17.2	18.3	19.4	20.4	23.7	32.1	35.6	35.6	38.7
C90.0	23.7	25.9	26.9	26.9	26.9	29.1	32.4	33.4	35.6	37.8
C112.5	31.1	31.3	34.4	34.5	36.6	37.6	38.7	40.9	43.1	46.3
C135.0	25.9	26.9	28.0	29.1	30.1	30.1	31.3	34.4	35.5	38.7
C157.5	25.9	25.9	26.9	29.0	29.0	31.3	33.4	35.5	34.4	34.5
C180.0	23.7	29.1	31.1	31.3	33.3	33.4	36.6	36.6	36.6	36.6
C202.5	26.9	28.0	28.0	30.2	31.1	31.3	35.5	35.5	36.6	36.7
C225.0	27.1	30.2	31.3	31.3	32.4	32.4	35.6	36.7	38.9	41.0
C247.5	25.9	28.0	29.1	30.2	30.2	32.4	34.5	34.5	36.7	40.0
C270.0	9.8	9.8	9.8	9.8	16.0	18.3	18.3	19.4	21.5	24.6
C292.5	7.6	7.6	8.5	10.7	15.0	16.1	16.1	19.4	22.6	25.7
C315.0	6.5	7.4	9.6	14.9	18.1	19.4	20.4	20.4	23.7	29.0
C337.5	6.5	8.5	13.8	16.1	20.4	20.4	22.6	23.7	28.8	31.1
C360.0	12.9	17.2	19.2	23.6	31.0	35.5	35.5	39.8	40.9	38.7
C\G	G130.0	G131.0	G132.0	G133.0	G134.0	G135.0	G136.0	G137.0	G138.0	G139.0
C0.0	37.6	38.7	38.7	64.7	71.0	77.3	84.9	77.5	77.5	85.9
C22.5	34.4	37.6	41.8	51.6	52.7	54.8	60.1	68.8	75.3	87.1
C45.0	31.1	34.5	35.6	37.8	42.9	48.5	55.0	59.3	66.8	76.5
C67.5	42.0	47.3	49.6	52.8	52.8	58.1	64.7	71.2	83.0	91.5
C90.0	42.1	45.2	47.4	52.8	56.1	62.6	66.9	73.3	79.8	87.2
C112.5	48.5	50.8	56.1	60.3	64.6	67.8	70.0	73.3	78.8	85.0
C135.0	40.9	43.1	45.2	47.4	51.7	54.8	59.2	62.6	68.0	73.3
C157.5	36.6	38.9	46.3	48.3	52.8	59.2	65.5	67.7	73.3	78.5
C180.0	36.6	37.6	38.7	44.7	62.6	67.8	74.2	75.3	76.4	81.8
C202.5	40.0	44.1	44.3	47.4	50.6	51.7	58.2	64.6	71.1	78.8
C225.0	43.2	44.4	48.6	53.0	56.2	61.6	65.8	70.3	75.7	82.1
C247.5	41.0	43.2	48.6	50.8	56.2	61.5	65.8	70.1	75.7	82.1
C270.0	32.1	33.3	37.5	40.9	49.4	52.7	59.2	65.5	74.2	83.8
C292.5	33.3	34.4	37.6	42.0	50.5	52.7	59.0	67.7	74.2	83.8
C315.0	33.3	34.4	38.6	44.1	50.4	53.6	58.0	64.3	70.8	80.3
C337.5	34.4	36.6	42.0	50.2	53.6	57.0	64.3	68.8	79.2	89.0
C360.0	37.6	38.7	38.7	64.7	71.0	77.3	84.9	77.5	77.5	85.9

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	97.8	107.4	118.2	130.0	136.4	149.4	169.4	178.4	191.4	204.2
C22.5	101.0	110.8	123.5	134.5	145.2	158.0	169.0	183.0	194.6	205.4
C45.0	89.2	101.0	116.2	128.1	141.2	156.0	170.4	187.3	199.3	215.5
C67.5	101.0	112.9	125.0	136.9	151.0	160.6	171.3	183.0	195.1	206.8
C90.0	94.8	102.4	109.0	117.5	128.1	138.0	147.7	159.5	171.3	183.1
C112.5	91.5	99.3	106.7	115.4	124.0	133.5	143.5	155.1	166.0	178.9
C135.0	80.7	87.2	95.9	104.5	114.2	124.0	133.5	144.4	157.4	169.0
C157.5	82.7	93.6	102.2	109.8	119.6	129.2	138.9	150.6	161.4	174.4
C180.0	87.2	93.7	102.1	110.9	122.7	131.5	140.0	150.7	162.6	173.3
C202.5	87.2	94.8	105.5	115.4	126.1	135.8	145.4	155.3	166.8	180.0
C225.0	89.7	97.1	104.8	113.5	121.1	130.7	141.4	152.2	167.4	179.6
C247.5	89.8	97.4	106.8	115.7	125.3	135.0	144.9	155.5	167.5	179.2
C270.0	95.7	108.2	121.5	135.6	146.3	158.0	169.8	183.6	195.8	210.7
C292.5	96.4	107.5	119.2	131.1	143.0	156.0	170.9	182.6	196.8	211.7
C315.0	89.1	98.9	111.5	125.4	135.2	150.3	166.3	181.6	196.4	210.7
C337.5	98.9	108.3	120.3	132.2	143.7	156.7	168.7	180.4	193.5	205.3
C360.0	97.8	107.4	118.2	130.0	136.4	149.4	169.4	178.4	191.4	204.2
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	227.9	238.5	247.3	258.0	268.5	278.3	290.3	303.1	314.9
C22.5	217.2	229.1	239.8	249.5	259.2	272.2	281.8	293.9	307.8	317.3
C45.0	230.8	245.5	258.8	271.5	283.6	296.6	305.2	311.6	317.0	326.6
C67.5	221.8	231.7	243.6	258.5	266.4	279.2	292.1	299.7	308.4	315.9
C90.0	197.0	209.9	225.2	239.2	251.9	261.5	272.5	283.0	290.8	302.4
C112.5	188.4	201.6	215.3	228.3	241.3	254.1	263.8	273.6	280.9	290.8
C135.0	184.2	197.3	211.9	225.1	238.8	249.6	258.4	269.2	278.7	288.2
C157.5	187.4	202.5	215.5	229.0	239.8	250.8	261.5	272.2	282.1	295.8
C180.0	185.4	199.1	208.7	211.8	216.5	235.5	258.1	270.0	278.8	289.4
C202.5	193.0	206.8	219.9	235.0	248.8	258.5	263.8	269.1	273.7	285.3
C225.0	192.2	204.2	215.7	226.7	235.4	241.7	247.1	252.6	258.9	271.1
C247.5	192.2	206.4	220.2	234.4	248.5	260.0	268.7	276.4	284.9	294.7
C270.0	224.8	238.5	250.5	261.2	272.2	282.9	294.7	302.3	308.6	317.4
C292.5	225.8	239.6	252.8	264.5	277.5	289.4	300.2	309.7	319.3	327.0
C315.0	224.4	237.5	248.2	259.2	271.7	282.6	293.3	307.5	313.9	325.6
C337.5	220.1	228.9	238.6	248.2	259.1	270.7	280.5	293.5	299.8	310.7
C360.0	215.9	227.9	238.5	247.3	258.0	268.5	278.3	290.3	303.1	314.9
C\G	G160.0	G161.0	G162.0	G163.0	G164.0	G165.0	G166.0	G167.0	G168.0	G169.0
C0.0	327.5	336.3	347.1	354.5	363.3	374.0	378.5	385.8	395.7	409.4
C22.5	328.3	335.7	344.4	349.7	358.5	361.6	365.9	378.8	393.8	409.8
C45.0	330.0	335.4	345.2	353.7	365.4	372.0	381.8	396.9	406.5	418.6
C67.5	326.8	334.2	346.1	358.9	367.7	377.4	385.1	395.8	404.4	414.0
C90.0	313.2	322.9	332.6	335.9	343.4	350.9	356.2	362.8	373.5	377.7

Light intensity data Unit[cd]

C112.5	300.6	313.4	324.1	332.6	342.4	349.9	357.4	362.8	373.6	382.2
C135.0	297.9	307.8	316.2	323.9	334.6	342.2	348.6	357.4	367.9	381.9
C157.5	305.5	315.1	323.8	331.2	337.7	344.1	349.5	354.9	366.9	380.8
C180.0	299.2	309.7	320.5	329.2	337.6	341.9	348.6	354.8	366.9	376.3
C202.5	297.3	311.1	323.0	331.7	341.4	347.8	354.3	360.9	369.3	380.1
C225.0	284.8	302.3	314.2	324.7	334.5	342.1	347.4	354.0	367.1	377.7
C247.5	304.4	314.0	322.6	329.1	336.7	342.1	346.4	353.1	362.5	373.4
C270.0	326.8	334.6	349.7	361.4	369.0	376.6	380.8	385.1	394.6	406.7
C292.5	334.6	344.2	350.6	359.3	363.6	370.1	376.6	389.2	398.0	410.7
C315.0	331.1	335.4	343.0	349.3	362.4	366.6	374.0	384.9	394.6	408.4
C337.5	325.3	331.0	341.7	352.6	362.1	369.8	380.5	397.5	403.2	411.6
C360.0	327.5	336.3	347.1	354.5	363.3	374.0	378.5	385.8	395.7	409.4
C\G	G170.0	G171.0	G172.0	G173.0	G174.0	G175.0	G176.0	G177.0	G178.0	G179.0
C0.0	421.3	435.4	444.9	449.3	455.7	458.0	457.1	458.0	454.9	454.8
C22.5	419.5	428.3	431.6	440.1	447.7	447.7	447.7	447.7	447.7	448.8
C45.0	430.2	438.9	446.5	456.4	467.1	470.3	470.3	471.4	472.5	473.6
C67.5	423.7	431.3	433.6	440.1	452.9	455.2	459.5	461.7	463.8	466.0
C90.0	386.4	391.8	402.6	412.2	414.4	421.8	427.3	442.3	452.0	456.2
C112.5	391.8	398.3	403.6	412.2	413.4	417.8	425.5	440.5	451.0	457.5
C135.0	393.7	396.8	401.3	412.9	420.6	431.6	443.4	454.9	455.2	462.5
C157.5	389.3	398.1	406.4	417.2	428.1	440.8	451.8	462.3	465.6	466.7
C180.0	386.0	389.3	394.9	406.5	414.3	424.8	435.8	454.9	456.9	455.8
C202.5	384.2	385.4	388.8	400.6	411.4	424.3	435.1	449.1	454.2	454.2
C225.0	387.3	389.6	393.8	403.7	414.3	421.0	431.9	445.5	449.9	450.8
C247.5	384.1	388.4	397.2	408.0	417.5	425.2	436.9	448.8	453.3	458.4
C270.0	412.1	418.5	421.8	430.4	450.3	461.7	464.8	464.9	466.9	467.1
C292.5	420.6	430.4	432.7	445.1	453.0	459.5	462.7	464.9	464.9	464.9
C315.0	420.1	431.1	437.6	446.1	461.9	466.7	465.7	465.6	466.7	467.8
C337.5	423.5	433.2	443.8	452.5	465.2	466.5	467.6	463.6	457.1	456.9
C360.0	421.3	435.4	444.9	449.3	455.7	458.0	457.1	458.0	454.9	454.8
C\G	G180.0									
C0.0	454.8									
C22.5	454.8									
C45.0	454.8									
C67.5	454.8									
C90.0	454.8									
C112.5	454.8									
C135.0	454.8									
C157.5	454.8									
C180.0	454.8									
C202.5	454.8									
C225.0	454.8									

Light intensity data Unit[cd]

C247.5	454.8									
C270.0	454.8									
C292.5	454.8									
C315.0	454.8									
C337.5	454.8									
C360.0	454.8									

Zonal Luminous Flux Data

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
0.0	219373.80	0.00	0.00	0.00	0.00
0.0-1.0	219209.20	209.85	209.85	0.11	0.11
1.0-2.0	218717.30	628.55	838.41	0.32	0.43
2.0-3.0	217923.10	1044.30	1882.71	0.53	0.96
3.0-4.0	216788.20	1455.12	3337.83	0.74	1.70
4.0-5.0	215358.80	1859.07	5196.90	0.94	2.64
5.0-6.0	213593.00	2254.26	7451.16	1.14	3.78
6.0-7.0	211525.20	2638.70	10089.86	1.34	5.12
7.0-8.0	209155.60	3010.73	13100.59	1.53	6.65
8.0-9.0	206427.80	3368.08	16468.67	1.71	8.36
9.0-10.0	203394.60	3708.74	20177.41	1.88	10.25
10.0-11.0	200004.10	4030.78	24208.19	2.05	12.29
11.0-12.0	196270.00	4331.84	28540.04	2.20	14.49
12.0-13.0	192182.10	4609.95	33149.99	2.34	16.83
13.0-14.0	187739.70	4862.97	38012.96	2.47	19.30
14.0-15.0	182950.80	5089.00	43101.96	2.58	21.89
15.0-16.0	177727.70	5284.95	48386.91	2.68	24.57
16.0-17.0	172188.40	5449.13	53836.04	2.77	27.34
17.0-18.0	166295.30	5580.86	59416.91	2.83	30.17
18.0-19.0	160053.90	5677.81	65094.72	2.88	33.06
19.0-20.0	153496.40	5738.84	70833.58	2.91	35.97
20.0-21.0	146704.50	5764.47	76598.04	2.93	38.90
21.0-22.0	139653.20	5754.48	82352.52	2.92	41.82
22.0-23.0	132347.30	5707.31	88059.80	2.90	44.72
23.0-24.0	124935.10	5625.12	93684.91	2.86	47.58
24.0-25.0	117447.10	5511.24	99196.14	2.80	50.38
25.0-26.0	109893.40	5366.40	104562.60	2.73	53.10
26.0-27.0	102350.80	5192.60	109755.20	2.64	55.74
27.0-28.0	94930.95	4994.76	114749.90	2.54	58.27
28.0-29.0	87663.77	4777.19	119527.10	2.43	60.70
29.0-30.0	80615.66	4543.51	124070.60	2.31	63.01
30.0-31.0	74028.41	4303.52	128374.10	2.19	65.19
31.0-32.0	67837.66	4064.30	132438.40	2.06	67.26
32.0-33.0	61942.65	3823.38	136261.80	1.94	69.20
33.0-34.0	56399.17	3581.37	139843.20	1.82	71.02
34.0-35.0	51536.68	3352.09	143195.30	1.70	72.72
35.0-36.0	47226.79	3144.65	146339.90	1.60	74.32
36.0-37.0	43353.20	2954.21	149294.10	1.50	75.82
37.0-38.0	39935.98	2780.08	152074.20	1.41	77.23
38.0-39.0	36857.99	2621.19	154695.40	1.33	78.56
39.0-40.0	34120.72	2475.49	157170.90	1.26	79.82

Zonal Luminous Flux Data

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
40.0-41.0	31699.07	2343.81	159514.70	1.19	81.01
41.0-42.0	29425.37	2220.76	161735.40	1.13	82.13
42.0-43.0	27322.83	2102.12	163837.50	1.07	83.20
43.0-44.0	25442.17	1991.50	165829.00	1.01	84.21
44.0-45.0	23708.42	1888.91	167718.00	0.96	85.17
45.0-46.0	22108.10	1791.79	169509.70	0.91	86.08
46.0-47.0	20614.66	1699.20	171208.90	0.86	86.95
47.0-48.0	19228.40	1610.67	172819.60	0.82	87.76
48.0-49.0	17918.59	1525.46	174345.00	0.77	88.54
49.0-50.0	16706.12	1443.62	175788.60	0.73	89.27
50.0-51.0	15562.89	1365.25	177153.90	0.69	89.96
51.0-52.0	14492.82	1289.71	178443.60	0.65	90.62
52.0-53.0	13497.57	1217.58	179661.20	0.62	91.24
53.0-54.0	12567.86	1148.86	180810.00	0.58	91.82
54.0-55.0	11706.70	1083.58	181893.60	0.55	92.37
55.0-56.0	10896.59	1021.38	182915.00	0.52	92.89
56.0-57.0	10148.25	962.22	183877.20	0.49	93.38
57.0-58.0	9456.31	906.58	184783.80	0.46	93.84
58.0-59.0	8815.80	854.23	185638.00	0.43	94.27
59.0-60.0	8230.14	805.31	186443.40	0.41	94.68
60.0-61.0	7683.42	759.43	187202.80	0.39	95.07
61.0-62.0	7179.43	716.18	187919.00	0.36	95.43
62.0-63.0	6713.08	675.66	188594.60	0.34	95.77
63.0-64.0	6282.91	637.71	189232.30	0.32	96.10
64.0-65.0	5880.24	601.94	189834.30	0.31	96.40
65.0-66.0	5500.81	567.84	190402.10	0.29	96.69
66.0-67.0	5147.36	535.42	190937.50	0.27	96.96
67.0-68.0	4810.96	504.46	191442.00	0.26	97.22
68.0-69.0	4492.96	474.64	191916.70	0.24	97.46
69.0-70.0	4186.08	445.74	192362.40	0.23	97.69
70.0-71.0	3888.50	417.34	192779.80	0.21	97.90
71.0-72.0	3604.14	389.59	193169.40	0.20	98.10
72.0-73.0	3331.36	362.68	193532.00	0.18	98.28
73.0-74.0	3067.03	336.38	193868.40	0.17	98.45
74.0-75.0	2815.47	310.81	194179.20	0.16	98.61
75.0-76.0	2577.94	286.30	194465.50	0.15	98.76
76.0-77.0	2350.41	262.76	194728.30	0.13	98.89
77.0-78.0	2139.18	240.33	194968.60	0.12	99.01
78.0-79.0	1936.53	218.99	195187.60	0.11	99.12
79.0-80.0	1747.14	198.60	195386.20	0.10	99.22
80.0-81.0	1572.87	179.54	195565.70	0.09	99.31

Zonal Luminous Flux Data

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
81.0-82.0	1407.17	161.60	195727.40	0.08	99.40
82.0-83.0	1252.84	144.60	195871.90	0.07	99.47
83.0-84.0	1106.03	128.51	196000.40	0.07	99.54
84.0-85.0	963.90	112.97	196113.40	0.06	99.59
85.0-86.0	823.06	97.68	196211.10	0.05	99.64
86.0-87.0	676.04	82.04	196293.10	0.04	99.68
87.0-88.0	520.32	65.53	196358.60	0.03	99.72
88.0-89.0	353.91	47.92	196406.50	0.02	99.74
89.0-90.0	183.05	29.44	196436.00	0.01	99.76
90.0-91.0	32.66	11.83	196447.80	0.01	99.76
91.0-92.0	6.84	2.17	196450.00	0.00	99.76
92.0-93.0	6.03	0.71	196450.70	0.00	99.76
93.0-94.0	5.99	0.66	196451.30	0.00	99.76
94.0-95.0	6.16	0.66	196452.00	0.00	99.76
95.0-96.0	6.14	0.67	196452.60	0.00	99.77
96.0-97.0	6.30	0.68	196453.30	0.00	99.77
97.0-98.0	9.05	0.83	196454.10	0.00	99.77
98.0-99.0	20.64	1.61	196455.70	0.00	99.77
99.0-100.0	23.58	2.39	196458.10	0.00	99.77
100.0-101.0	27.41	2.75	196460.90	0.00	99.77
101.0-102.0	24.47	2.79	196463.60	0.00	99.77
102.0-103.0	18.74	2.31	196466.00	0.00	99.77
103.0-104.0	20.71	2.10	196468.10	0.00	99.77
104.0-105.0	25.51	2.45	196470.50	0.00	99.77
105.0-106.0	22.62	2.54	196473.10	0.00	99.78
106.0-107.0	16.74	2.07	196475.20	0.00	99.78
107.0-108.0	11.32	1.47	196476.70	0.00	99.78
108.0-109.0	10.69	1.14	196477.80	0.00	99.78
109.0-110.0	11.12	1.13	196479.00	0.00	99.78
110.0-111.0	11.84	1.18	196480.20	0.00	99.78
111.0-112.0	12.27	1.23	196481.40	0.00	99.78
112.0-113.0	12.81	1.27	196482.70	0.00	99.78
113.0-114.0	13.41	1.32	196484.00	0.00	99.78
114.0-115.0	13.94	1.36	196485.40	0.00	99.78
115.0-116.0	14.55	1.41	196486.80	0.00	99.78
116.0-117.0	15.09	1.45	196488.20	0.00	99.78
117.0-118.0	16.10	1.52	196489.80	0.00	99.78
118.0-119.0	16.65	1.58	196491.40	0.00	99.78
119.0-120.0	17.92	1.65	196493.00	0.00	99.79
120.0-121.0	19.52	1.77	196494.80	0.00	99.79
121.0-122.0	21.31	1.91	196496.70	0.00	99.79

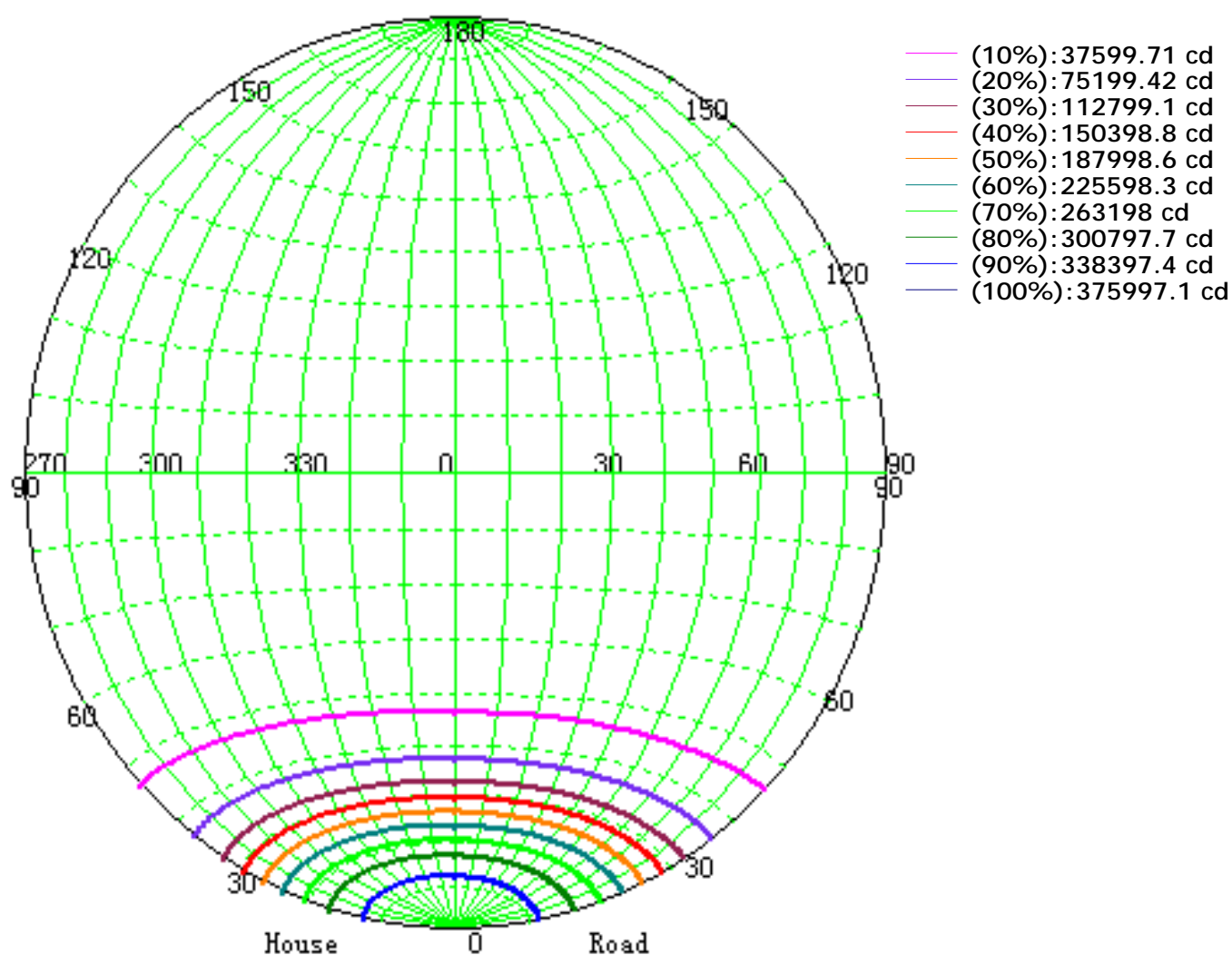
Zonal Luminous Flux Data

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
122.0-123.0	23.14	2.06	196498.70	0.00	99.79
123.0-124.0	25.59	2.23	196500.90	0.00	99.79
124.0-125.0	26.79	2.37	196503.30	0.00	99.79
125.0-126.0	29.20	2.50	196505.80	0.00	99.79
126.0-127.0	30.76	2.64	196508.40	0.00	99.79
127.0-128.0	32.83	2.77	196511.20	0.00	99.80
128.0-129.0	34.92	2.91	196514.10	0.00	99.80
129.0-130.0	37.94	3.08	196517.20	0.00	99.80
130.0-131.0	40.26	3.26	196520.40	0.00	99.80
131.0-132.0	43.55	3.44	196523.90	0.00	99.80
132.0-133.0	49.30	3.75	196527.60	0.00	99.80
133.0-134.0	54.64	4.13	196531.80	0.00	99.81
134.0-135.0	58.87	4.44	196536.20	0.00	99.81
135.0-136.0	64.44	4.74	196540.90	0.00	99.81
136.0-137.0	68.77	5.03	196546.00	0.00	99.81
137.0-138.0	74.98	5.33	196551.30	0.00	99.82
138.0-139.0	82.92	5.74	196557.00	0.00	99.82
139.0-140.0	92.05	6.23	196563.30	0.00	99.82
140.0-141.0	101.28	6.74	196570.00	0.00	99.82
141.0-142.0	111.78	7.27	196577.30	0.00	99.83
142.0-143.0	122.28	7.81	196585.10	0.00	99.83
143.0-144.0	132.68	8.32	196593.40	0.00	99.84
144.0-145.0	143.93	8.81	196602.20	0.00	99.84
145.0-146.0	155.71	9.31	196611.50	0.00	99.85
146.0-147.0	167.69	9.79	196621.30	0.00	99.85
147.0-148.0	180.22	10.25	196631.60	0.01	99.86
148.0-149.0	192.99	10.69	196642.30	0.01	99.86
149.0-150.0	206.28	11.11	196653.40	0.01	99.87
150.0-151.0	219.16	11.49	196664.90	0.01	99.87
151.0-152.0	231.47	11.79	196676.70	0.01	99.88
152.0-153.0	243.09	12.01	196688.70	0.01	99.89
153.0-154.0	254.28	12.17	196700.90	0.01	99.89
154.0-155.0	265.87	12.28	196713.10	0.01	99.90
155.0-156.0	276.26	12.33	196725.40	0.01	99.90
156.0-157.0	285.91	12.29	196737.70	0.01	99.91
157.0-158.0	294.17	12.17	196749.90	0.01	99.92
158.0-159.0	304.57	12.03	196761.90	0.01	99.92
159.0-160.0	314.58	11.89	196773.80	0.01	99.93
160.0-161.0	323.95	11.69	196785.50	0.01	99.93
161.0-162.0	334.05	11.45	196796.90	0.01	99.94
162.0-163.0	342.36	11.15	196808.10	0.01	99.95

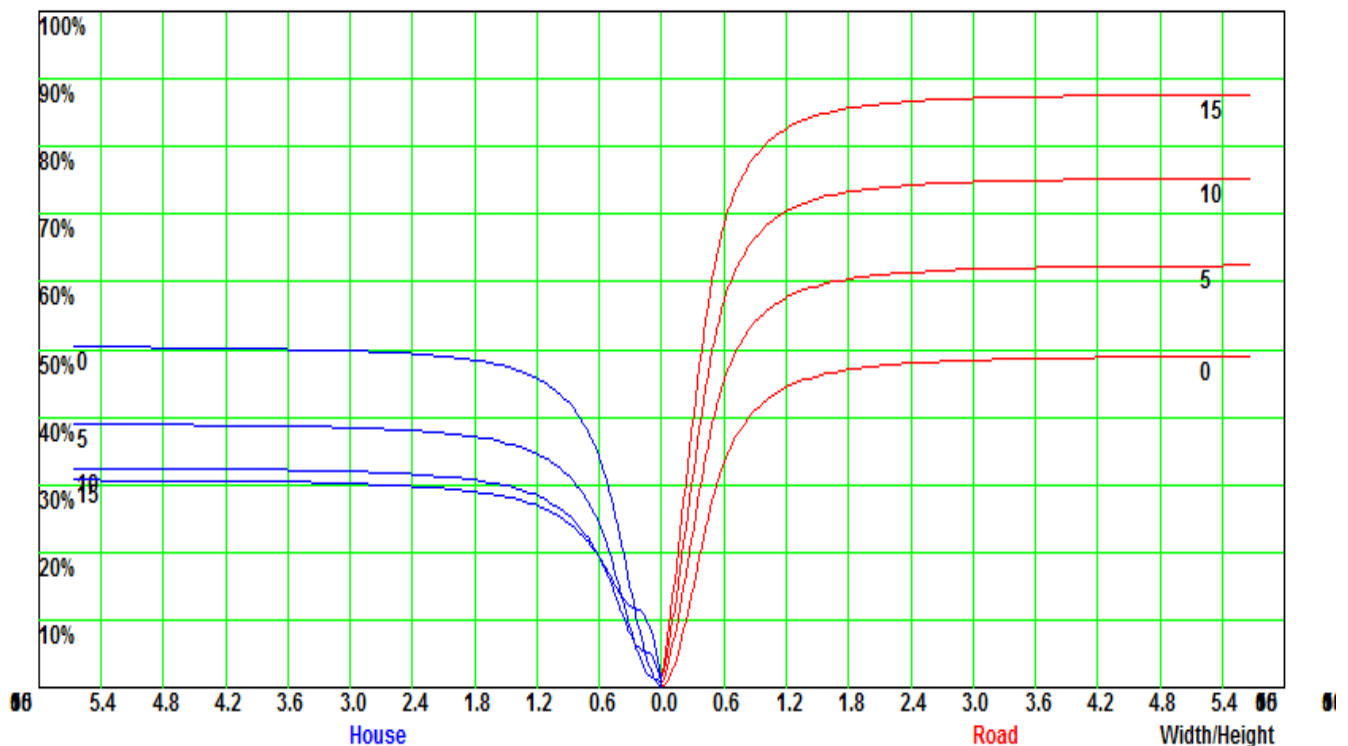
Zonal Luminous Flux Data

[illegible]

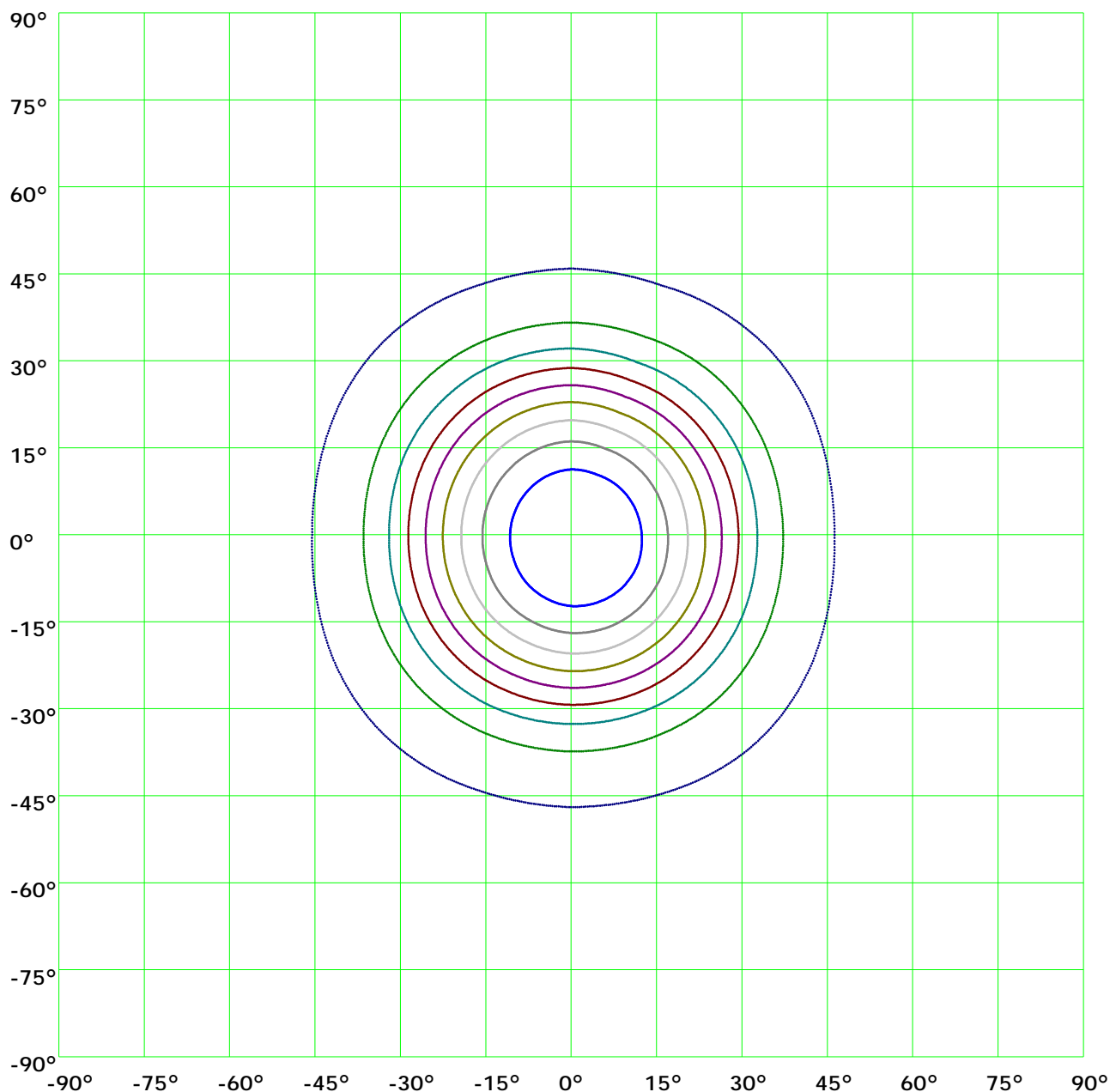
Iso-Candela [cd]



Coefficient Utilization Curve

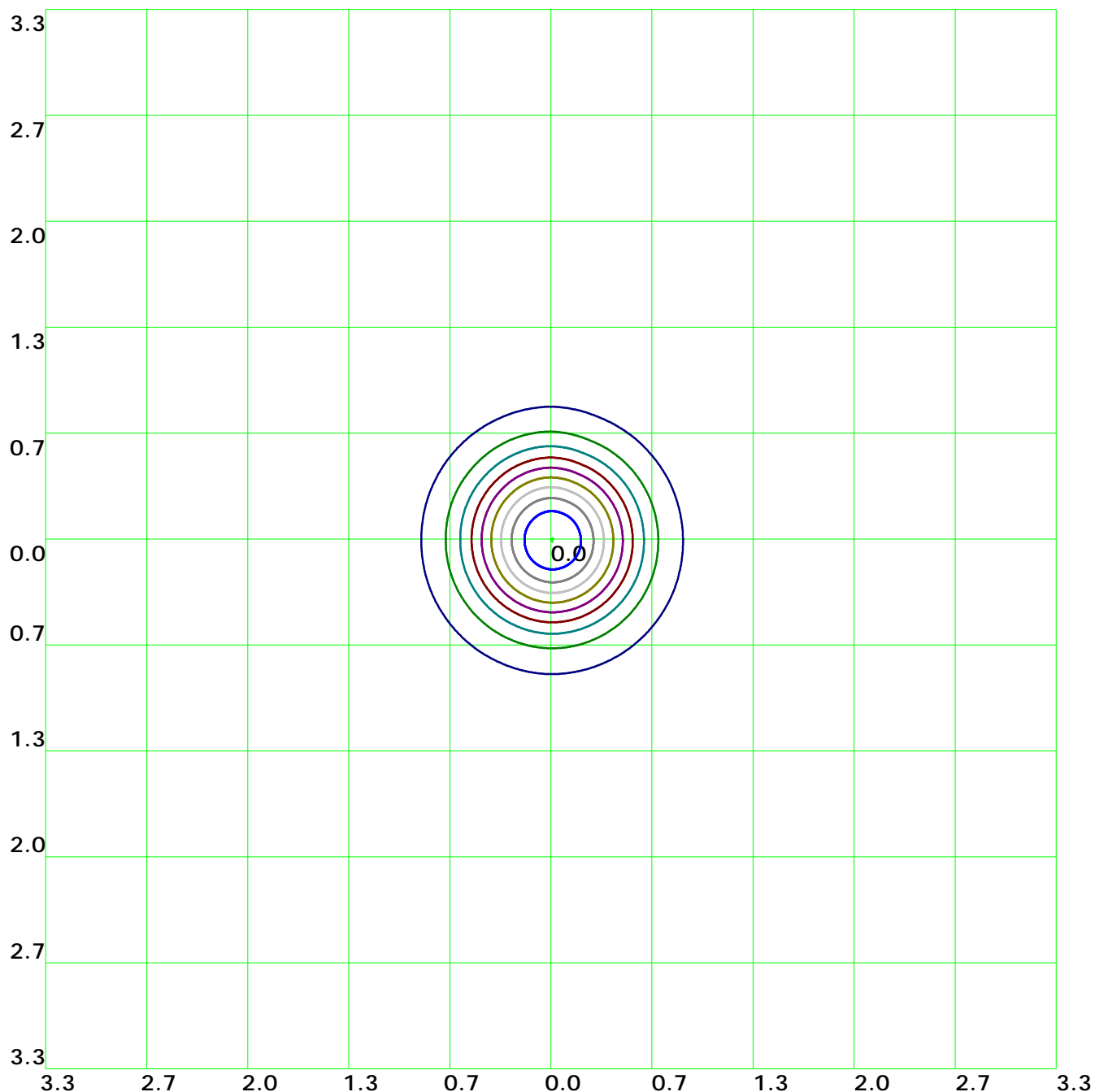


Isocandela(rectangle)



—(10%): 21961.2cd —(20%): 43922.5cd —(30%): 65883.7cd —(40%): 87844.9cd
—(50%): 109806.1cd —(60%): 131767.3cd —(70%): 153728.6cd —(80%): 175689.8cd
—(90%): 197651.cd —(100%): 219612.2cd

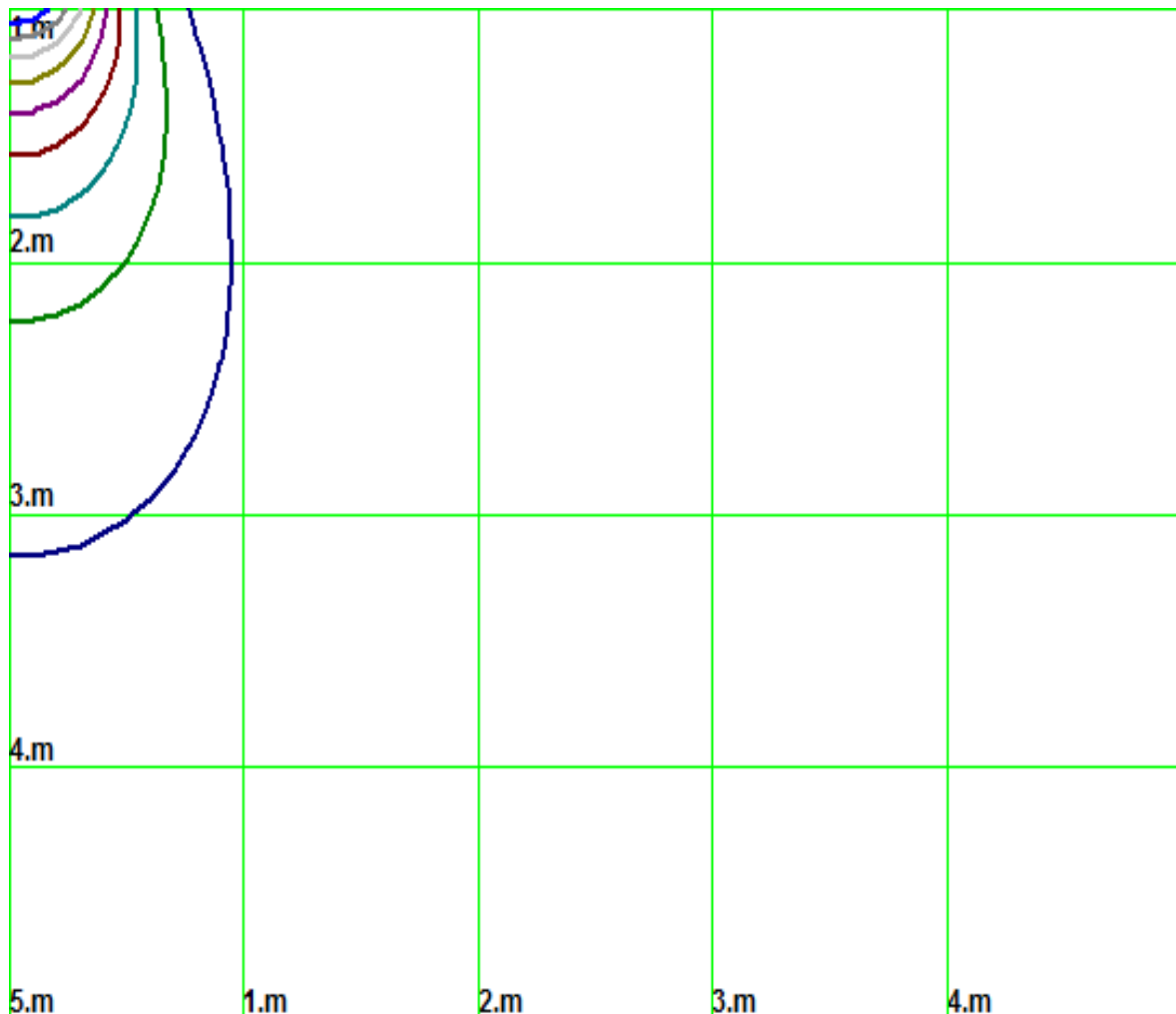
Isolx curve



Height: 1 m

(10%): 21961.2lx (20%): 43922.5lx (30%): 65883.7lx (40%): 87844.9lx
(50%): 109806.1lx (60%): 131767.3lx (70%): 153728.6lx (80%): 175689.8lx
(90%): 197651.1lx (100%): 219392.6lx

Space Isolx Curve



(10%): 21961.2lx (20%): 43922.5lx (30%): 65883.7lx (40%): 87844.9lx
 (50%): 109806.1lx (60%): 131767.3lx (70%): 153728.6lx (80%): 175689.8lx
 (90%): 197651.1lx (100%): 219392.6lx

Luminance Limiting Curve

Diameter: .997mm

Length: .997mm

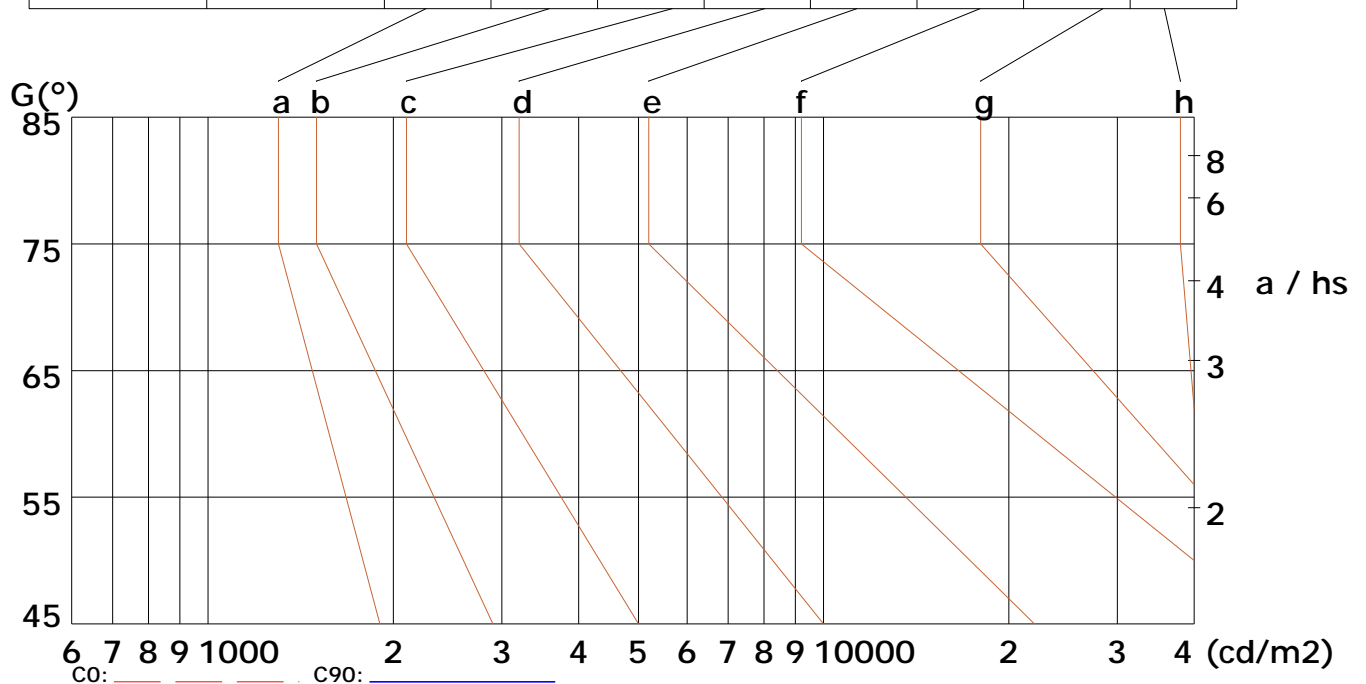
Width: .579mm

Height: .274mm

(cd/m2)

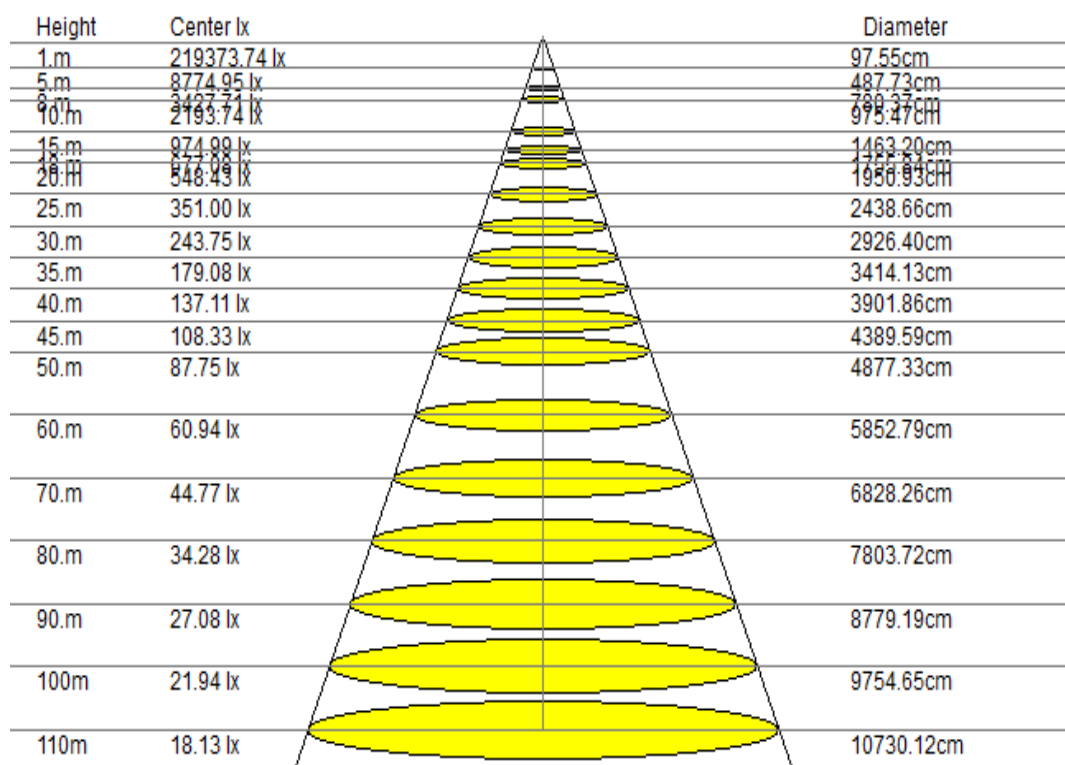
γ	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	827460	644275	512754	428306	379370	349963	331078	350223	444702
C90	850285	558605	514694	402135	326970	276752	233744	189237	178728

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: 52.00°(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	1.12	1.11	1.10	1.10	1.09	1.08	1.06	1.05	1.03	1.01	0.99	0.98	0.94	0.92	0.91	0.86
2	1.03	1.01	1.00	1.01	0.99	0.98	0.98	0.96	0.94	0.93	0.91	0.89	0.88	0.85	0.83	0.78
3	0.94	0.93	0.91	0.93	0.91	0.89	0.91	0.88	0.85	0.87	0.84	0.81	0.82	0.79	0.76	0.71
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	0.81	0.79	0.78	0.80	0.77	0.76	0.78	0.75	0.72	0.76	0.72	0.69	0.73	0.68	0.65	0.61
6	0.75	0.73	0.72	0.74	0.72	0.70	0.73	0.70	0.67	0.71	0.67	0.64	0.69	0.64	0.60	0.56
7	0.70	0.68	0.67	0.70	0.67	0.65	0.69	0.65	0.62	0.67	0.63	0.59	0.65	0.60	0.56	0.52
8	0.65	0.64	0.63	0.65	0.63	0.61	0.64	0.61	0.58	0.63	0.59	0.55	0.61	0.56	0.52	0.49
9	0.62	0.60	0.59	0.61	0.59	0.57	0.61	0.57	0.55	0.60	0.55	0.52	0.58	0.53	0.49	0.46
10	0.58	0.56	0.55	0.58	0.55	0.54	0.57	0.54	0.52	0.56	0.52	0.49	0.55	0.50	0.46	0.43

Indoor Budgetary Estimate Chart

