

Luminaire Property

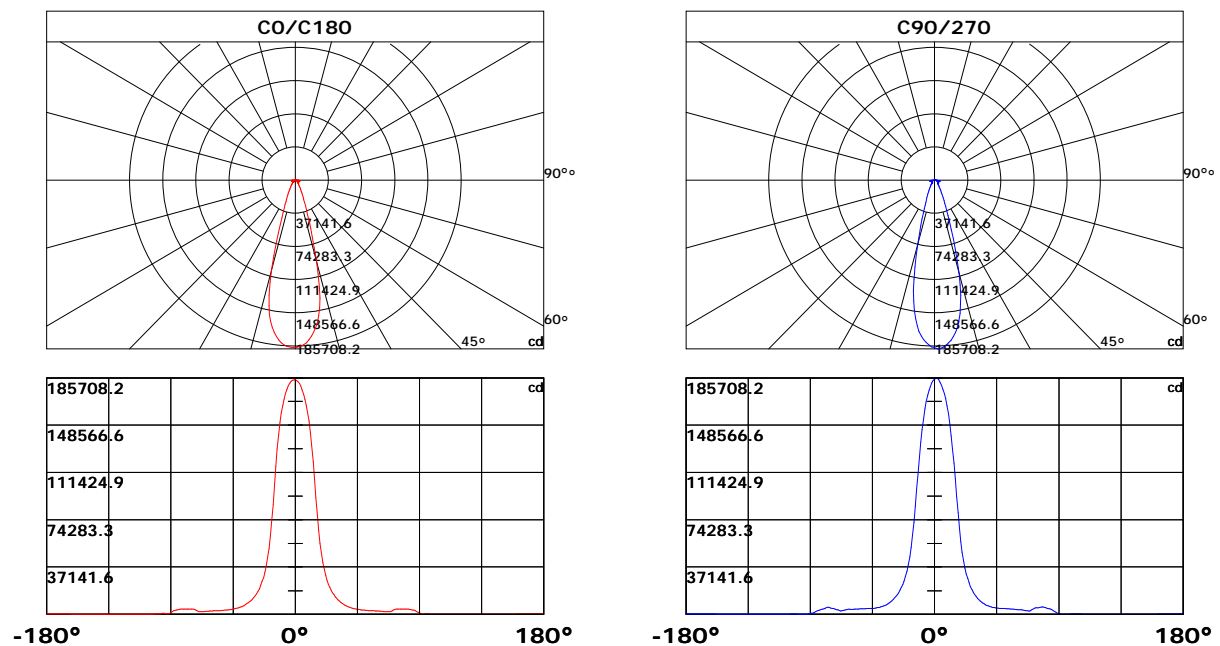
Luminaire Description: T500-480W-30D
Luminaire Category: LED FLOOD LIGHT
Lamp Category:
Lamp Description: CO-T500-480W-30D
Number of Lamp: 1
Lamp Lumens(lm): 74082.97
Luminous Length(m): 0.532
Luminous Width(m): 0.579
Luminous Height(m): 0.162

Voltage: 221.5 V
Current: 1.951 A
Power: 480.3 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: 74082.97 lm
Efficiency: 154.2431 lm/W
Central Intensity: 184427.0cd
Max. Intensity: 185708.238cd
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	184427.0	183642.5	182798.3	181428.9	179232.3	176295.6	172814.7	168837.8	164202.9	158564.4
C22.5	184427.0	184395.4	183791.1	182566.6	180584.2	177859.2	174553.8	170566.4	165698.7	159993.9
C45.0	184427.0	184232.8	183834.7	182642.6	180720.0	178118.8	174318.4	170503.1	165714.3	160075.0
C67.5	184427.0	184440.5	184004.9	182700.5	180663.3	178086.1	175061.9	171472.5	167351.8	162231.2
C90.0	184427.0	185708.2	185455.2	184208.7	182286.5	179762.9	176918.8	173337.0	169164.6	163813.5
C112.5	184427.0	185569.6	185430.6	184384.8	182733.4	180438.4	177682.0	174274.5	170635.5	165822.0
C135.0	184427.0	185122.5	185067.7	184345.8	182939.2	180786.5	178061.1	174568.3	170395.5	165434.0
C157.5	184427.0	184675.3	184608.2	184068.9	182856.4	180933.5	178308.5	174867.1	170646.1	165646.9
C180.0	184427.0	184136.4	183811.1	183037.8	181669.1	179535.1	176771.2	173316.4	169119.5	164278.0
C202.5	184427.0	184047.5	183294.1	181956.3	180005.2	177537.2	174181.0	169943.8	164706.0	158420.9
C225.0	184427.0	183181.7	181759.9	180051.3	177637.2	174791.7	171308.9	166896.2	161342.0	154542.9
C247.5	184427.0	182884.0	181108.6	178897.9	176026.5	172583.0	168372.4	163006.0	156412.4	148482.1
C270.0	184427.0	183686.6	181584.2	178937.2	175850.9	172182.6	167189.1	161089.3	153563.5	144760.4
C292.5	184427.0	183644.5	181684.3	179168.5	176152.2	172580.7	168123.6	162496.2	155626.4	147314.7
C315.0	184427.0	183423.5	181740.3	179539.4	176559.4	173049.0	168688.1	163371.8	156930.5	149246.9
C337.5	184427.0	183499.7	182260.6	180420.2	177729.5	174363.9	170076.1	165028.7	158961.4	151780.7
C360.0	184427.0	183642.5	182798.3	181428.9	179232.3	176295.6	172814.7	168837.8	164202.9	158564.4
C\G	G10.0	G11.0	G12.0	G13.0	G14.0	G15.0	G16.0	G17.0	G18.0	G19.0
C0.0	151552.4	142927.4	132656.0	120084.2	106110.7	91599.4	77728.9	65640.9	55504.4	47206.2
C22.5	152994.7	144617.7	134784.6	123138.1	110186.1	96155.2	82208.0	69652.4	58926.9	50148.0
C45.0	153190.2	145325.8	136135.3	125521.5	113411.2	99793.2	85951.3	73074.3	61725.9	52341.7
C67.5	155824.0	147801.5	138536.2	128129.5	116156.2	102964.5	88863.4	75439.9	63804.8	53975.2
C90.0	157270.7	149274.0	140113.8	129952.8	118652.3	106627.7	92919.1	79705.1	67662.4	57200.0
C112.5	160265.2	153124.6	144675.3	135039.1	123335.0	110524.8	96179.5	82133.2	69614.0	58524.7
C135.0	159469.5	152338.8	144000.8	134045.3	122353.8	109089.3	94888.0	80814.8	68108.0	57455.6
C157.5	159624.8	152426.6	143468.3	132907.4	120183.2	106226.1	91566.5	77576.5	65287.1	55210.5
C180.0	158192.2	150762.9	141324.6	129869.7	116123.6	101369.2	86415.0	72973.1	61392.8	51784.0
C202.5	150634.7	141596.1	130789.4	118353.7	104540.4	90453.4	76799.1	64947.8	55048.0	46932.3
C225.0	146312.9	136353.4	124723.0	111289.5	97079.0	83111.9	70375.9	59469.6	50512.5	43217.3
C247.5	139346.3	128695.9	116500.4	103149.2	89314.4	76343.9	64647.0	54826.5	46777.5	40216.9
C270.0	134989.5	123588.0	111415.6	98152.6	84775.1	72514.5	61594.1	52521.9	44999.9	38752.1
C292.5	137818.1	126588.9	114247.4	100415.6	86911.8	74268.4	62846.0	53389.1	45609.0	39231.5
C315.0	140310.9	129631.5	117693.4	104308.1	90491.7	77342.5	65554.9	55719.6	47477.8	40831.3
C337.5	143392.9	133496.3	122508.1	109826.9	96072.2	82578.1	70223.8	59493.2	50678.7	43433.4
C360.0	151552.4	142927.4	132656.0	120084.2	106110.7	91599.4	77728.9	65640.9	55504.4	47206.2
C\G	G20.0	G21.0	G22.0	G23.0	G24.0	G25.0	G26.0	G27.0	G28.0	G29.0
C0.0	40512.1	35008.1	30524.3	26831.8	23690.0	21077.7	18833.0	16893.4	15247.9	13753.6
C22.5	42865.1	37038.6	32254.2	28230.0	24908.4	22115.7	19720.1	17650.7	15858.9	14277.7
C45.0	44691.5	38561.1	33504.7	29255.1	25777.6	22803.2	20316.3	18157.4	16312.3	14665.8
C67.5	45977.4	39499.2	34177.1	29880.3	26246.6	23188.0	20634.4	18407.0	16514.2	14827.1
C90.0	48835.0	41837.7	36203.8	31595.7	28319.3	25042.8	21767.1	19372.6	17339.7	15562.4

Light intensity data Unit[cd]

C112.5	49622.2	42441.4	36623.1	31843.9	28498.3	25152.7	21818.5	19435.2	17368.8	15599.9
C135.0	48694.7	41698.9	36051.4	31357.3	28072.4	24787.6	21506.1	19173.4	17168.1	15425.4
C157.5	46909.0	40182.9	34734.9	30251.2	27134.0	24016.9	20922.2	18690.4	16743.2	15068.4
C180.0	44127.4	37874.2	32873.3	28786.1	25851.8	22917.6	19995.6	17906.4	16111.7	14553.2
C202.5	40277.4	34877.4	30535.7	27424.5	24313.2	21221.8	18990.4	17088.0	15404.9	13939.3
C225.0	37226.6	32496.5	29388.3	26280.0	23171.9	20073.1	18038.7	16271.0	14729.6	13367.4
C247.5	34915.0	30603.2	27535.3	24467.4	21399.8	19208.5	17332.9	15663.2	14205.0	12904.3
C270.0	33798.4	29762.2	26262.0	23409.0	20931.8	18801.8	16978.5	15311.5	13888.9	12746.0
C292.5	34081.6	29875.8	26318.5	23399.1	20909.7	18786.4	16944.9	15310.7	13885.7	12750.5
C315.0	35287.2	30919.6	27205.8	24119.7	21464.5	19221.1	17305.3	15593.4	14104.0	12913.5
C337.5	37434.7	32693.4	28611.0	25299.3	22470.8	20071.3	18004.2	16143.8	14573.4	13142.4
C360.0	40512.1	35008.1	30524.3	26831.8	23690.0	21077.7	18833.0	16893.4	15247.9	13753.6
C\G	G30.0	G31.0	G32.0	G33.0	G34.0	G35.0	G36.0	G37.0	G38.0	G39.0
C0.0	12596.8	11443.2	10289.6	9372.9	8558.3	7839.2	7203.3	6641.0	6141.1	5698.1
C22.5	13059.7	11844.1	10628.5	9688.8	8865.3	8127.1	7479.0	6910.3	6409.4	5974.0
C45.0	13247.6	12064.7	10884.0	9928.1	9069.0	8297.7	7620.1	7017.1	6486.9	6018.5
C67.5	13372.3	12175.6	10984.2	9999.8	9135.0	8359.3	7673.6	7069.7	6539.6	6070.0
C90.0	14001.1	12662.2	11479.5	10440.7	9550.2	8742.3	8051.1	7438.7	6906.3	6464.7
C112.5	14014.4	12681.3	11508.0	10447.6	9534.5	8695.5	7970.4	7332.7	6760.9	6269.1
C135.0	13887.1	12552.3	11393.1	10341.0	9447.4	8632.6	7921.0	7287.2	6727.1	6234.3
C157.5	13610.1	12292.4	11159.5	10157.9	9276.3	8484.0	7799.4	7176.0	6632.3	6163.1
C180.0	13158.1	11932.9	10856.3	9874.8	9022.4	8242.5	7557.8	6951.4	6417.1	5941.3
C202.5	12628.0	11463.5	10441.2	9533.9	8740.5	8026.1	7397.6	6835.1	6349.2	5924.4
C225.0	12156.9	11073.9	10119.4	9259.4	8494.3	7806.5	7195.9	6650.8	6167.7	5748.3
C247.5	11721.1	10715.0	9792.3	8964.5	8246.1	7586.6	7008.4	6493.2	6030.6	5626.8
C270.0	11612.8	10479.8	9565.1	8793.3	8097.3	7470.0	6939.5	6466.8	6064.8	5728.6
C292.5	11616.6	10482.7	9569.9	8769.9	8044.7	7405.1	6835.3	6325.3	5884.0	5488.7
C315.0	11729.3	10545.1	9627.3	8824.2	8105.3	7461.1	6900.6	6392.2	5951.3	5560.5
C337.5	11978.1	10818.6	9854.4	9014.1	8276.1	7607.6	7030.8	6510.5	6065.6	5667.5
C360.0	12596.8	11443.2	10289.6	9372.9	8558.3	7839.2	7203.3	6641.0	6141.1	5698.1
C\G	G40.0	G41.0	G42.0	G43.0	G44.0	G45.0	G46.0	G47.0	G48.0	G49.0
C0.0	5310.4	4964.4	4656.1	4386.6	4144.1	3937.5	3748.8	3578.8	3434.0	3307.9
C22.5	5603.0	5278.8	5004.8	4771.8	4565.5	4388.7	4234.7	4107.3	3997.4	3902.9
C45.0	5601.9	5250.0	4940.1	4671.8	4441.6	4251.3	4094.6	3959.2	3822.1	3689.3
C67.5	5662.5	5303.1	4987.9	4714.0	4475.5	4269.0	4096.1	3943.2	3814.4	3700.2
C90.0	6066.8	5748.7	5472.0	5251.8	5078.2	4931.3	4817.1	4735.9	4669.2	4606.8
C112.5	5820.4	5437.4	5099.2	4799.8	4546.9	4320.8	4120.7	3957.8	3806.4	3681.3
C135.0	5786.6	5407.9	5081.4	4793.6	4547.8	4337.5	4156.1	4004.5	3870.0	3761.2
C157.5	5743.8	5386.7	5074.1	4803.8	4576.7	4385.5	4224.4	4088.9	3978.5	3884.8
C180.0	5519.6	5149.4	4826.4	4536.7	4283.2	4061.8	3864.4	3692.7	3542.9	3411.2
C202.5	5558.4	5244.5	4974.4	4750.6	4561.3	4406.5	4275.2	4165.1	4081.6	4012.6
C225.0	5366.3	5043.7	4757.4	4507.7	4295.0	4108.4	3953.0	3819.1	3700.8	3598.4

Light intensity data Unit[cd]

C247.5	5272.3	4965.3	4701.5	4467.8	4269.7	4098.8	3950.8	3830.7	3721.0	3629.6
C270.0	5435.4	5202.5	5012.8	4858.2	4746.4	4654.9	4585.9	4531.6	4491.3	4456.8
C292.5	5142.5	4840.6	4577.7	4351.1	4150.4	3976.3	3826.4	3696.9	3584.4	3489.6
C315.0	5217.8	4919.9	4660.5	4446.3	4269.4	4129.5	4006.6	3884.5	3750.6	3627.4
C337.5	5327.3	5033.9	4780.2	4562.8	4368.2	4204.8	4062.2	3941.2	3837.5	3747.5
C360.0	5310.4	4964.4	4656.1	4386.6	4144.1	3937.5	3748.8	3578.8	3434.0	3307.9
C\G	G50.0	G51.0	G52.0	G53.0	G54.0	G55.0	G56.0	G57.0	G58.0	G59.0
C0.0	3201.9	3109.8	3028.5	2957.8	2891.9	2831.0	2775.9	2720.0	2660.5	2604.9
C22.5	3821.8	3739.3	3668.4	3597.1	3524.5	3448.2	3366.7	3291.2	3210.5	3157.8
C45.0	3566.8	3468.1	3384.9	3317.6	3262.2	3206.7	3143.7	3065.2	2980.1	2906.8
C67.5	3606.7	3525.0	3459.4	3408.5	3368.5	3332.7	3284.9	3208.9	3131.3	3054.1
C90.0	4550.8	4490.1	4427.0	4345.5	4256.3	4176.7	4101.1	3967.6	3849.7	3755.7
C112.5	3573.8	3485.3	3409.3	3345.6	3296.6	3257.7	3209.5	3147.8	3074.6	3001.0
C135.0	3667.7	3596.8	3547.0	3496.1	3434.8	3355.6	3275.6	3189.1	3097.4	3017.7
C157.5	3798.7	3717.2	3642.1	3571.0	3501.9	3429.0	3343.8	3256.7	3174.8	3097.3
C180.0	3295.8	3196.0	3115.0	3042.9	2975.1	2916.1	2856.1	2797.6	2740.1	2680.2
C202.5	3950.6	3895.3	3837.8	3781.7	3709.5	3638.2	3558.0	3473.3	3403.2	3334.0
C225.0	3514.9	3445.2	3387.3	3345.8	3305.3	3262.8	3208.9	3141.1	3056.0	2970.5
C247.5	3550.7	3484.9	3429.8	3387.3	3350.2	3320.8	3282.5	3224.4	3142.9	3064.1
C270.0	4421.8	4386.3	4348.3	4306.2	4251.2	4196.4	4134.2	4031.1	3937.9	3862.3
C292.5	3409.5	3343.2	3291.4	3248.5	3210.5	3177.7	3137.1	3081.6	3014.9	2943.9
C315.0	3529.4	3444.4	3378.7	3321.8	3268.8	3210.9	3147.9	3075.5	2994.2	2921.5
C337.5	3667.2	3593.4	3526.3	3461.4	3397.9	3327.9	3257.6	3181.3	3107.4	3053.4
C360.0	3201.9	3109.8	3028.5	2957.8	2891.9	2831.0	2775.9	2720.0	2660.5	2604.9
C\G	G60.0	G61.0	G62.0	G63.0	G64.0	G65.0	G66.0	G67.0	G68.0	G69.0
C0.0	2542.0	2472.7	2396.8	2315.6	2234.2	2153.4	2072.2	1999.0	1956.7	2126.2
C22.5	3110.7	3076.6	3035.6	2999.1	2953.1	2829.9	2689.6	2556.4	2444.7	2582.4
C45.0	2839.5	2778.6	2721.2	2660.4	2590.8	2514.6	2439.4	2368.8	2305.7	2310.6
C67.5	2973.8	2892.6	2812.0	2733.4	2652.5	2564.9	2472.4	2374.6	2284.4	2207.3
C90.0	3681.2	3636.1	3711.1	3656.7	3356.5	3150.9	2969.5	2704.9	2593.7	2664.2
C112.5	2924.2	2840.6	2760.6	2682.5	2602.1	2524.3	2446.3	2378.4	2316.6	2255.3
C135.0	2952.9	2890.8	2831.2	2764.3	2691.5	2616.8	2547.4	2486.9	2404.4	2312.0
C157.5	3039.2	2984.3	2934.9	2873.8	2803.5	2738.1	2650.6	2540.3	2418.7	2336.4
C180.0	2621.4	2555.9	2485.8	2417.1	2338.7	2259.8	2181.0	2108.1	2041.1	2003.7
C202.5	3278.3	3241.9	3236.4	3224.8	3194.2	3072.2	2898.9	2717.6	2573.4	2494.3
C225.0	2897.6	2832.4	2767.1	2701.0	2628.5	2550.4	2458.5	2376.4	2299.0	2243.2
C247.5	2990.8	2909.8	2834.1	2758.5	2678.3	2596.8	2504.3	2407.0	2321.1	2240.8
C270.0	3805.1	3816.6	3962.1	3896.8	3580.7	3367.8	3098.7	2769.4	2651.3	3053.7
C292.5	2870.0	2788.6	2705.0	2621.9	2541.1	2459.7	2374.6	2289.7	2208.3	2151.2
C315.0	2858.5	2800.4	2735.0	2665.1	2587.3	2519.7	2452.6	2387.3	2310.2	2271.0
C337.5	3009.8	2971.0	2932.3	2892.8	2836.6	2783.9	2671.7	2536.1	2427.3	2484.9
C360.0	2542.0	2472.7	2396.8	2315.6	2234.2	2153.4	2072.2	1999.0	1956.7	2126.2

Light intensity data Unit[cd]

C\G	G70.0	G71.0	G72.0	G73.0	G74.0	G75.0	G76.0	G77.0	G78.0	G79.0
C0.0	2633.0	3213.5	3866.1	4159.7	4171.5	4164.8	4165.4	4167.1	4160.6	4142.6
C22.5	3134.3	3941.0	4594.6	4799.2	4782.4	4847.4	5028.9	4999.6	4749.2	4559.9
C45.0	2697.9	3646.2	4558.0	4952.3	4905.2	4785.2	4714.2	4684.5	4599.7	4503.5
C67.5	2337.9	3176.4	4418.5	4980.4	4953.3	4833.0	4754.4	4720.4	4671.6	4629.4
C90.0	3460.3	3735.7	4620.7	5170.2	5123.6	5031.1	5295.3	5680.6	5732.9	5519.8
C112.5	2279.4	2958.0	4094.7	4673.2	4705.3	4617.5	4566.4	4574.9	4579.2	4577.2
C135.0	2344.0	2974.6	3768.6	4344.8	4534.6	4555.4	4567.6	4589.3	4618.3	4561.3
C157.5	2473.2	3080.0	3763.8	4242.4	4519.8	4601.6	4661.9	4776.1	4827.4	4578.9
C180.0	2165.4	2774.0	3463.8	3845.7	4115.5	4177.2	4152.3	4104.7	4064.0	4033.3
C202.5	2747.3	3425.1	4073.2	4406.9	4631.2	4849.8	5343.3	5724.8	5274.0	4577.7
C225.0	2297.1	2819.4	3491.6	4011.0	4311.8	4366.2	4379.9	4396.4	4404.5	4337.6
C247.5	2219.9	2480.2	3179.0	3910.5	4302.4	4352.2	4320.0	4288.4	4261.0	4209.7
C270.0	3662.6	3661.7	4104.7	4456.5	4615.3	4849.5	5249.4	5496.6	5291.5	4892.3
C292.5	2362.0	3166.4	3925.2	4144.9	4146.4	4137.4	4154.9	4168.3	4168.5	4131.1
C315.0	2592.7	3272.6	3894.5	4168.6	4206.9	4237.2	4290.1	4335.5	4302.9	4156.2
C337.5	2990.8	3581.6	4163.6	4478.5	4554.2	4729.0	4925.2	4904.0	4609.0	4323.0
C360.0	2633.0	3213.5	3866.1	4159.7	4171.5	4164.8	4165.4	4167.1	4160.6	4142.6
C\G	G80.0	G81.0	G82.0	G83.0	G84.0	G85.0	G86.0	G87.0	G88.0	G89.0
C0.0	4095.0	4019.1	3940.7	3850.0	3637.3	3455.0	3195.6	2777.8	2226.1	1656.9
C22.5	4426.8	4329.0	4140.6	3870.1	3534.0	3128.3	2656.9	2166.1	1708.9	1323.3
C45.0	4389.9	4303.5	4228.3	4153.5	4054.9	3881.4	3652.7	3348.9	2858.6	2198.1
C67.5	4569.4	4461.6	4354.2	4244.9	4148.8	4007.7	3811.0	3505.4	2884.1	1904.4
C90.0	5216.5	4882.2	4579.0	4299.3	4014.1	3562.1	2898.5	2179.2	1531.6	976.5
C112.5	4565.3	4539.1	4474.2	4433.0	4300.2	4111.2	3902.7	3624.3	3165.9	2452.6
C135.0	4432.6	4329.5	4250.2	4189.1	4061.2	3861.1	3629.7	3363.5	3034.3	2554.4
C157.5	4304.4	4202.6	4119.0	3979.2	3756.6	3489.3	3170.1	2808.2	2411.7	2000.7
C180.0	4012.9	3994.5	3959.5	4003.8	3861.5	3655.2	3479.4	3160.9	2668.5	2133.5
C202.5	4231.0	4131.2	4039.2	3845.9	3589.3	3264.1	2875.0	2421.2	1965.3	1557.4
C225.0	4160.0	3971.3	3829.9	3714.7	3615.9	3500.5	3330.3	3092.5	2753.2	2235.0
C247.5	4135.8	4007.2	3846.5	3722.5	3615.0	3466.8	3320.1	3102.6	2754.9	2068.1
C270.0	4429.9	4039.6	3751.0	3463.2	3172.0	2727.4	2110.9	1537.9	1061.3	707.6
C292.5	4072.7	3962.7	3836.8	3710.8	3536.7	3369.6	3152.2	2860.8	2405.1	1752.4
C315.0	4008.5	3865.4	3726.6	3614.5	3449.5	3232.4	2935.6	2465.6	1809.0	1296.8
C337.5	4167.7	4068.6	3904.1	3686.4	3419.7	3091.6	2602.3	2022.9	1540.0	1138.4
C360.0	4095.0	4019.1	3940.7	3850.0	3637.3	3455.0	3195.6	2777.8	2226.1	1656.9
C\G	G90.0	G91.0	G92.0	G93.0	G94.0	G95.0	G96.0	G97.0	G98.0	G99.0
C0.0	1242.6	61.1	25.9	25.4	207.9	235.5	263.2	157.1	98.5	59.5
C22.5	829.0	488.8	368.3	348.6	328.9	330.2	331.4	231.6	143.9	87.7
C45.0	1532.3	55.0	25.5	23.4	22.2	169.0	173.8	95.1	78.9	81.6
C67.5	1204.1	77.5	28.1	25.5	24.2	24.6	29.1	23.0	21.4	21.7
C90.0	541.2	245.5	22.1	21.3	21.3	20.9	20.9	21.0	55.3	232.0

Light intensity data Unit[cd]

C112.5	1640.2	790.0	26.6	23.8	24.2	24.2	24.2	24.9	18.4	16.8
C135.0	1972.3	1035.7	25.4	23.7	23.7	25.4	211.4	237.2	263.1	169.1
C157.5	1580.1	540.1	436.4	408.6	380.7	426.1	471.5	394.6	342.5	293.4
C180.0	1698.1	603.0	529.0	455.0	593.5	714.5	835.4	637.6	428.6	311.0
C202.5	1166.2	661.0	440.1	408.7	377.3	412.6	447.8	371.0	319.9	275.8
C225.0	1666.9	1109.7	24.2	23.3	23.0	28.0	155.8	185.6	215.4	131.0
C247.5	1299.7	906.8	111.4	22.2	20.9	19.7	19.7	19.7	19.7	20.1
C270.0	447.0	291.6	40.7	20.6	18.9	18.0	17.2	16.4	16.0	56.1
C292.5	1118.6	781.6	56.4	23.8	21.7	20.1	20.0	22.5	18.4	16.8
C315.0	905.8	540.7	32.3	21.3	19.3	18.8	25.6	27.3	29.1	25.3
C337.5	785.2	74.5	24.6	22.5	137.7	156.2	88.7	62.2	44.8	42.9
C360.0	1242.6	61.1	25.9	25.4	207.9	235.5	263.2	157.1	98.5	59.5
C\G	G100.0	G101.0	G102.0	G103.0	G104.0	G105.0	G106.0	G107.0	G108.0	G109.0
C0.0	36.1	24.1	18.8	17.2	22.0	47.5	56.7	43.5	31.3	14.6
C22.5	45.1	26.1	21.8	42.2	64.2	65.6	42.4	19.6	12.1	10.7
C45.0	84.3	89.7	55.1	24.3	13.2	12.3	12.3	11.5	11.1	10.7
C67.5	21.3	21.3	21.3	21.3	19.9	18.6	16.4	15.6	14.4	14.4
C90.0	341.0	370.2	399.4	349.5	303.0	253.0	193.0	132.7	96.9	46.0
C112.5	16.4	16.4	16.4	16.8	15.6	14.3	13.5	13.1	13.1	11.9
C135.0	86.0	35.7	19.6	19.1	9.8	9.4	9.4	9.4	9.4	9.4
C157.5	236.5	172.5	114.5	66.2	32.2	20.4	19.9	11.9	11.0	10.6
C180.0	253.9	206.6	156.6	107.3	63.4	31.9	20.0	19.5	11.8	9.4
C202.5	225.7	167.1	111.1	60.8	30.3	20.0	17.9	11.1	10.7	10.7
C225.0	60.3	26.6	20.0	13.1	11.9	10.7	10.7	10.7	10.7	10.7
C247.5	20.5	20.5	19.7	18.9	15.6	13.6	14.0	13.6	13.6	13.6
C270.0	266.1	294.3	255.9	214.6	161.4	103.7	56.0	30.5	12.1	10.7
C292.5	16.4	16.0	16.0	16.0	16.4	16.0	14.8	14.3	13.1	12.3
C315.0	27.6	29.8	28.5	27.2	14.4	13.1	12.7	11.5	11.9	11.4
C337.5	31.7	25.0	18.5	16.8	24.8	30.0	35.2	22.8	12.4	11.9
C360.0	36.1	24.1	18.8	17.2	22.0	47.5	56.7	43.5	31.3	14.6
C\G	G110.0	G111.0	G112.0	G113.0	G114.0	G115.0	G116.0	G117.0	G118.0	G119.0
C0.0	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	7.8	7.4
C22.5	10.7	10.3	10.3	9.8	9.8	9.4	9.0	9.0	9.0	9.0
C45.0	10.7	10.3	10.3	10.3	9.4	9.4	9.0	9.4	8.6	8.6
C67.5	13.1	13.6	12.7	12.3	11.9	11.1	11.1	10.7	10.7	10.7
C90.0	34.8	20.6	9.4	8.6	8.6	8.6	8.6	8.6	8.6	8.6
C112.5	11.9	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
C135.0	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
C157.5	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
C180.0	9.4	9.0	8.6	8.6	9.0	8.6	8.2	8.2	8.2	8.6
C202.5	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
C225.0	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7

Light intensity data Unit[cd]

C247.5	13.6	13.1	11.5	11.5	11.1	11.1	11.1	11.1	11.1	11.1
C270.0	10.3	9.4	9.4	9.0	8.6	7.8	8.2	7.4	7.4	7.4
C292.5	12.3	12.3	11.5	11.5	10.7	10.7	10.3	9.8	9.8	9.0
C315.0	11.4	11.4	11.0	10.6	10.6	10.6	10.2	9.8	9.0	9.0
C337.5	11.4	11.9	11.1	11.0	11.4	11.0	10.6	9.8	9.8	9.8
C360.0	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	7.8	7.4
C\G	G120.0	G121.0	G122.0	G123.0	G124.0	G125.0	G126.0	G127.0	G128.0	G129.0
C0.0	8.6	10.6	12.6	13.1	13.1	13.5	14.3	15.1	16.3	13.1
C22.5	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
C45.0	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
C67.5	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
C90.0	8.6	8.6	8.6	8.2	8.2	8.2	8.2	8.2	9.0	8.6
C112.5	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.9	11.5
C135.0	9.4	9.4	9.4	9.4	9.4	9.4	9.8	10.2	10.6	11.0
C157.5	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
C180.0	9.8	11.9	12.3	12.7	12.7	12.7	12.7	12.7	13.0	12.6
C202.5	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
C225.0	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	11.1	11.1
C247.5	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.5
C270.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
C292.5	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
C315.0	9.0	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
C337.5	9.8	9.8	9.8	9.4	9.4	9.4	9.4	9.4	9.4	9.4
C360.0	8.6	10.6	12.6	13.1	13.1	13.5	14.3	15.1	16.3	13.1
C\G	G130.0	G131.0	G132.0	G133.0	G134.0	G135.0	G136.0	G137.0	G138.0	G139.0
C0.0	9.8	9.8	9.4	21.7	23.3	25.7	27.7	29.0	19.1	18.4
C22.5	9.0	9.0	9.0	9.4	12.6	13.5	13.9	14.3	14.0	15.9
C45.0	8.2	8.2	8.2	8.2	8.2	8.2	8.6	9.4	11.0	13.1
C67.5	10.7	10.7	10.7	10.7	10.7	11.1	11.5	13.1	13.1	14.8
C90.0	8.6	9.8	9.4	10.3	10.7	10.7	11.5	12.3	13.1	13.9
C112.5	13.1	13.6	14.7	14.3	14.3	14.3	14.3	14.4	15.1	15.6
C135.0	11.0	11.0	11.4	11.4	11.9	12.3	12.3	12.7	12.7	13.9
C157.5	10.6	11.4	11.9	11.4	12.3	12.3	12.7	12.3	13.1	13.9
C180.0	11.8	9.8	9.4	10.4	16.3	16.3	16.3	16.7	15.1	15.9
C202.5	10.7	10.7	11.1	11.1	11.9	11.5	11.5	13.1	14.4	14.8
C225.0	11.1	11.1	11.5	11.5	12.3	13.1	13.6	14.8	15.6	16.8
C247.5	11.5	11.9	12.7	13.6	14.0	14.4	14.8	15.6	16.4	16.8
C270.0	7.0	7.0	7.0	7.4	8.1	9.0	9.8	13.0	13.1	15.1
C292.5	8.6	8.6	9.0	9.4	10.3	11.9	12.3	13.1	14.3	16.7
C315.0	8.6	8.6	8.6	9.0	9.0	9.8	12.2	13.4	13.1	15.1
C337.5	9.4	9.8	10.2	12.6	13.1	13.9	13.5	13.9	15.1	16.7
C360.0	9.8	9.8	9.4	21.7	23.3	25.7	27.7	29.0	19.1	18.4

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	19.2	20.8	24.0	27.3	31.3	34.7	42.3	49.0	56.6	64.3
C22.5	19.2	20.0	23.3	26.6	30.3	34.3	39.3	45.7	53.2	60.5
C45.0	14.7	17.6	20.5	23.7	27.4	33.1	38.4	45.0	51.8	59.8
C67.5	16.4	19.2	20.5	23.8	26.7	31.2	34.4	39.3	45.4	51.6
C90.0	15.1	16.0	17.6	19.3	22.2	25.0	27.5	31.5	35.7	41.0
C112.5	16.4	18.0	19.3	21.3	23.3	26.3	29.5	32.0	35.3	39.8
C135.0	14.4	16.0	17.6	19.3	21.3	24.2	27.1	30.7	34.5	39.7
C157.5	15.1	15.9	17.2	19.7	22.1	24.6	27.8	31.5	35.7	41.7
C180.0	16.3	18.0	19.6	21.7	24.1	27.1	29.9	34.0	38.4	43.8
C202.5	16.8	17.7	20.1	22.6	25.9	29.2	33.3	37.4	43.1	49.3
C225.0	18.5	20.1	22.2	24.7	27.6	29.9	33.8	38.6	45.2	52.1
C247.5	18.5	20.6	23.0	25.1	28.4	32.6	36.6	42.0	48.0	56.0
C270.0	19.5	21.3	25.4	29.0	33.9	39.7	46.5	54.0	62.8	71.8
C292.5	18.8	22.4	25.7	29.8	34.7	40.4	47.0	55.1	63.7	72.3
C315.0	19.2	20.9	24.1	28.1	32.6	36.3	43.2	50.1	58.7	67.3
C337.5	19.9	22.1	25.3	29.0	33.8	39.2	46.0	52.2	60.5	68.6
C360.0	19.2	20.8	24.0	27.3	31.3	34.7	42.3	49.0	56.6	64.3
C\G	G150.0	G151.0	G152.0	G153.0	G154.0	G155.0	G156.0	G157.0	G158.0	G159.0
C0.0	71.3	78.8	85.3	91.5	98.7	106.9	115.0	123.8	133.1	142.7
C22.5	68.4	76.1	83.5	90.8	98.7	106.6	115.2	124.4	133.8	143.7
C45.0	68.3	77.0	85.9	93.8	101.8	111.7	120.0	129.2	137.2	145.5
C67.5	58.6	65.6	72.7	79.5	86.5	94.3	103.4	111.6	119.0	126.4
C90.0	46.7	54.2	62.3	71.4	80.3	89.2	98.4	107.8	116.7	127.0
C112.5	45.2	52.5	59.9	68.2	77.1	86.7	95.3	104.3	113.2	122.5
C135.0	45.9	52.9	60.5	68.4	76.7	85.1	93.4	102.0	110.4	118.8
C157.5	48.3	55.4	63.4	71.7	80.1	88.4	96.2	105.4	114.2	121.8
C180.0	50.4	56.8	63.0	65.4	67.1	79.8	96.5	105.8	113.7	122.2
C202.5	56.7	65.8	75.9	84.7	93.5	101.4	106.7	110.0	115.0	122.2
C225.0	59.9	68.3	77.1	84.6	91.6	97.6	102.6	107.2	113.7	122.4
C247.5	63.9	73.2	82.3	92.4	102.0	110.8	120.0	128.2	136.6	144.6
C270.0	80.5	90.2	97.7	106.4	114.8	122.7	131.3	138.6	146.5	156.1
C292.5	81.5	90.3	98.6	107.1	116.1	124.9	133.5	142.4	151.3	160.0
C315.0	76.7	85.5	93.9	103.2	113.1	123.0	132.3	141.6	151.4	160.2
C337.5	77.4	84.8	92.2	99.2	106.2	114.7	122.8	132.1	138.8	147.5
C360.0	71.3	78.8	85.3	91.5	98.7	106.9	115.0	123.8	133.1	142.7
C\G	G160.0	G161.0	G162.0	G163.0	G164.0	G165.0	G166.0	G167.0	G168.0	G169.0
C0.0	151.8	159.9	168.2	175.0	181.7	188.2	194.7	197.7	205.5	214.8
C22.5	152.8	160.7	167.9	174.2	180.6	183.2	189.8	197.8	206.1	217.7
C45.0	153.1	159.7	167.6	176.4	183.5	191.4	199.4	207.7	216.4	222.5
C67.5	135.8	145.6	155.8	165.5	175.1	183.9	192.6	201.1	208.6	216.3
C90.0	136.3	144.9	153.1	161.3	170.4	178.5	186.3	194.6	202.4	208.8

Light intensity data Unit[cd]

C112.5	132.0	140.7	149.9	159.1	168.1	176.8	185.2	192.7	200.4	209.1
C135.0	127.4	136.2	144.2	153.8	162.8	171.1	178.8	187.0	195.3	203.2
C157.5	130.7	139.1	147.1	155.4	163.1	170.5	177.0	183.6	191.2	199.1
C180.0	129.6	137.5	145.9	155.0	162.4	169.2	176.2	182.4	189.2	195.0
C202.5	130.5	140.0	149.8	158.4	167.1	176.0	183.7	190.7	197.7	202.6
C225.0	133.6	144.9	154.9	164.1	173.1	181.4	188.2	194.5	201.3	206.7
C247.5	152.9	161.7	169.7	178.0	185.6	191.8	197.2	202.2	207.5	213.9
C270.0	164.8	173.4	182.2	191.0	197.7	204.2	210.3	216.6	222.1	229.6
C292.5	169.1	176.9	184.6	191.2	197.3	203.1	208.8	216.5	223.1	230.4
C315.0	167.5	174.1	179.9	185.1	191.6	197.8	203.9	211.0	218.1	226.1
C337.5	155.5	162.9	169.1	176.3	182.6	190.2	197.1	204.2	211.8	218.9
C360.0	151.8	159.9	168.2	175.0	181.7	188.2	194.7	197.7	205.5	214.8
C\G	G170.0	G171.0	G172.0	G173.0	G174.0	G175.0	G176.0	G177.0	G178.0	G179.0
C0.0	224.8	237.2	246.3	254.5	262.4	263.5	263.5	263.5	263.5	263.5
C22.5	224.5	230.7	236.1	242.1	249.2	252.1	255.4	256.3	257.5	259.5
C45.0	230.7	238.3	245.0	252.8	260.5	263.9	264.8	265.6	265.6	265.6
C67.5	222.0	226.2	231.5	237.7	245.9	250.0	253.7	255.8	257.4	257.9
C90.0	216.6	221.9	227.2	234.6	238.3	243.2	246.5	256.3	260.0	263.2
C112.5	216.8	222.5	226.6	232.7	236.0	240.5	245.2	254.4	259.3	262.5
C135.0	211.1	216.8	221.3	228.8	237.2	244.7	253.7	263.3	264.6	268.7
C157.5	206.8	212.9	219.2	227.6	237.4	247.0	255.7	264.9	269.6	269.6
C180.0	199.9	205.1	209.7	217.5	225.3	234.1	243.2	257.9	265.1	265.1
C202.5	206.2	208.4	212.6	220.6	228.9	239.9	249.5	260.0	264.4	264.4
C225.0	212.0	215.6	218.6	226.3	234.6	242.1	250.9	260.3	261.9	262.3
C247.5	219.7	223.0	226.8	234.1	241.7	249.3	257.5	264.4	266.5	266.0
C270.0	230.8	234.1	237.0	242.2	255.7	263.6	265.6	268.9	268.6	268.5
C292.5	238.2	244.9	248.6	253.8	260.7	264.1	267.4	269.9	269.5	269.5
C315.0	232.9	240.7	246.1	252.6	261.1	263.3	266.5	269.0	269.0	269.9
C337.5	228.0	237.1	247.0	255.7	263.8	267.5	267.6	267.6	265.6	265.1
C360.0	224.8	237.2	246.3	254.5	262.4	263.5	263.5	263.5	263.5	263.5
C\G	G180.0									
C0.0	263.5									
C22.5	263.5									
C45.0	263.5									
C67.5	263.5									
C90.0	263.5									
C112.5	263.5									
C135.0	263.5									
C157.5	263.5									
C180.0	263.5									
C202.5	263.5									
C225.0	263.5									

Light intensity data Unit[cd]

C247.5	263.5									
C270.0	263.5									
C292.5	263.5									
C315.0	263.5									
C337.5	263.5									
C360.0	263.5									

Zonal Luminous Flux Data

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
0.0	184427.00	0.00	0.00	0.00	0.00
0.0-1.0	184143.20	176.35	176.35	0.24	0.24
1.0-2.0	183264.60	527.34	703.69	0.71	0.95
2.0-3.0	181772.20	873.05	1576.74	1.18	2.13
3.0-4.0	179602.80	1209.64	2786.38	1.63	3.76
4.0-5.0	176806.50	1533.25	4319.63	2.07	5.83
5.0-6.0	173276.80	1839.78	6159.41	2.48	8.31
6.0-7.0	168973.50	2124.34	8283.76	2.87	11.18
7.0-8.0	163779.50	2381.45	10665.21	3.21	14.40
8.0-9.0	157525.50	2604.00	13269.21	3.51	17.91
9.0-10.0	150074.30	2783.67	16052.87	3.76	21.67
10.0-11.0	141159.30	2910.02	18962.89	3.93	25.60
11.0-12.0	130848.30	2973.43	21936.33	4.01	29.61
12.0-13.0	119011.40	2965.21	24901.54	4.00	33.61
13.0-14.0	105981.00	2879.88	27781.42	3.89	37.50
14.0-15.0	92560.14	2725.66	30507.08	3.68	41.18
15.0-16.0	79297.52	2518.20	33025.28	3.40	44.58
16.0-17.0	67336.12	2283.48	35308.76	3.08	47.66
17.0-18.0	57070.61	2051.20	37359.95	2.77	50.43
18.0-19.0	48528.80	1837.21	39197.16	2.48	52.91
19.0-20.0	41578.46	1649.21	40846.37	2.23	55.14
20.0-21.0	35960.64	1488.91	42335.28	2.01	57.15
21.0-22.0	31425.21	1354.15	43689.43	1.83	58.97
22.0-23.0	27651.90	1239.60	44929.03	1.67	60.65
23.0-24.0	24572.51	1141.81	46070.84	1.54	62.19
24.0-25.0	21780.40	1053.96	47124.80	1.42	63.61
25.0-26.0	19319.26	970.16	48094.96	1.31	64.92
26.0-27.0	17316.76	896.31	48991.27	1.21	66.13
27.0-28.0	15591.01	833.15	49824.43	1.12	67.25
28.0-29.0	14093.56	776.63	50601.07	1.05	68.30
29.0-30.0	12774.37	725.43	51326.49	0.98	69.28
30.0-31.0	11576.71	677.66	52004.14	0.91	70.20
31.0-32.0	10509.51	632.74	52636.88	0.85	71.05
32.0-33.0	9588.18	592.09	53228.97	0.80	71.85
33.0-34.0	8778.92	555.84	53784.82	0.75	72.60
34.0-35.0	8048.95	522.61	54307.43	0.71	73.31
35.0-36.0	7411.49	492.26	54799.70	0.66	73.97
36.0-37.0	6843.63	464.92	55264.61	0.63	74.60
37.0-38.0	6345.87	440.25	55704.86	0.59	75.19
38.0-39.0	5911.13	418.36	56123.22	0.56	75.76
39.0-40.0	5527.19	398.93	56522.15	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	5198.54	381.94	56904.09	0.52	76.81
41.0-42.0	4912.90	367.37	57271.46	0.50	77.31
42.0-43.0	4667.15	354.87	57626.33	0.48	77.79
43.0-44.0	4457.49	344.39	57970.72	0.46	78.25
44.0-45.0	4278.92	335.75	58306.47	0.45	78.70
45.0-46.0	4126.07	328.70	58635.18	0.44	79.15
46.0-47.0	3996.08	323.04	58958.22	0.44	79.58
47.0-48.0	3881.38	318.45	59276.67	0.43	80.01
48.0-49.0	3781.73	314.69	59591.36	0.42	80.44
49.0-50.0	3695.51	311.75	59903.11	0.42	80.86
50.0-51.0	3620.01	309.51	60212.62	0.42	81.28
51.0-52.0	3555.07	307.89	60520.50	0.42	81.69
52.0-53.0	3495.93	306.72	60827.23	0.41	82.11
53.0-54.0	3437.82	305.61	61132.84	0.41	82.52
54.0-55.0	3380.53	304.36	61437.21	0.41	82.93
55.0-56.0	3317.72	302.68	61739.89	0.41	83.34
56.0-57.0	3240.77	299.87	62039.76	0.40	83.74
57.0-58.0	3160.97	296.04	62335.81	0.40	84.14
58.0-59.0	3089.08	292.19	62628.00	0.39	84.54
59.0-60.0	3024.69	288.84	62916.84	0.39	84.93
60.0-61.0	2968.07	285.99	63202.83	0.39	85.31
61.0-62.0	2928.82	284.15	63486.97	0.38	85.70
62.0-63.0	2866.49	281.86	63768.83	0.38	86.08
63.0-64.0	2766.85	276.43	64045.26	0.37	86.45
64.0-65.0	2668.95	269.01	64314.27	0.36	86.81
65.0-66.0	2557.98	260.79	64575.06	0.35	87.17
66.0-67.0	2437.55	251.19	64826.25	0.34	87.50
67.0-68.0	2347.29	242.38	65068.63	0.33	87.83
68.0-69.0	2358.56	240.07	65308.71	0.32	88.16
69.0-70.0	2649.87	257.22	65565.94	0.35	88.50
70.0-71.0	3244.15	304.64	65870.58	0.41	88.91
71.0-72.0	3998.79	376.61	66247.20	0.51	89.42
72.0-73.0	4421.56	440.32	66687.52	0.59	90.02
73.0-74.0	4536.21	470.93	67158.46	0.64	90.65
74.0-75.0	4570.92	481.19	67639.63	0.65	91.30
75.0-76.0	4660.59	490.04	68129.67	0.66	91.96
76.0-77.0	4725.70	500.43	68630.11	0.68	92.64
77.0-78.0	4644.64	501.60	69131.72	0.68	93.32
78.0-79.0	4483.34	490.44	69622.15	0.66	93.98
79.0-80.0	4326.16	474.94	70097.09	0.64	94.62
80.0-81.0	4194.19	460.77	70557.84	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	4061.24	447.68	71005.52	0.60	95.85
82.0-83.0	3923.79	434.08	71439.59	0.59	96.43
83.0-84.0	3735.42	417.26	71856.86	0.56	97.00
84.0-85.0	3487.73	394.23	72251.09	0.53	97.53
85.0-86.0	3170.20	363.93	72615.02	0.49	98.02
86.0-87.0	2777.36	325.50	72940.52	0.44	98.46
87.0-88.0	2298.66	278.06	73218.55	0.38	98.83
88.0-89.0	1747.26	221.76	73440.31	0.30	99.13
89.0-90.0	1226.84	163.06	73603.38	0.22	99.35
90.0-91.0	516.42	95.58	73698.98	0.13	99.48
91.0-92.0	138.56	35.90	73734.89	0.05	99.53
92.0-93.0	118.60	14.09	73748.98	0.02	99.55
93.0-94.0	140.33	14.17	73763.16	0.02	99.57
94.0-95.0	165.23	16.70	73779.85	0.02	99.59
95.0-96.0	195.98	19.71	73799.55	0.03	99.62
96.0-97.0	157.93	19.28	73818.82	0.03	99.64
97.0-98.0	132.11	15.77	73834.58	0.02	99.66
98.0-99.0	115.05	13.40	73847.97	0.02	99.68
99.0-100.0	110.56	12.20	73860.17	0.02	99.70
100.0-101.0	96.36	11.16	73871.32	0.02	99.71
101.0-102.0	80.83	9.52	73880.85	0.01	99.73
102.0-103.0	64.45	7.78	73888.61	0.01	99.74
103.0-104.0	51.14	6.16	73894.78	0.01	99.75
104.0-105.0	42.50	4.97	73899.73	0.01	99.75
105.0-106.0	34.05	4.04	73903.78	0.01	99.76
106.0-107.0	24.45	3.08	73906.85	0.00	99.76
107.0-108.0	18.46	2.24	73909.09	0.00	99.77
108.0-109.0	13.68	1.67	73910.76	0.00	99.77
109.0-110.0	12.67	1.36	73912.12	0.00	99.77
110.0-111.0	11.62	1.25	73913.38	0.00	99.77
111.0-112.0	10.63	1.14	73914.51	0.00	99.77
112.0-113.0	10.47	1.07	73915.57	0.00	99.77
113.0-114.0	10.34	1.05	73916.63	0.00	99.78
114.0-115.0	10.16	1.02	73917.66	0.00	99.78
115.0-116.0	10.04	1.00	73918.66	0.00	99.78
116.0-117.0	9.88	0.98	73919.64	0.00	99.78
117.0-118.0	9.53	0.94	73920.57	0.00	99.78
118.0-119.0	9.47	0.92	73921.47	0.00	99.78
119.0-120.0	9.55	0.91	73922.38	0.00	99.78
120.0-121.0	9.78	0.91	73923.30	0.00	99.78
121.0-122.0	9.93	0.92	73924.20	0.00	99.79

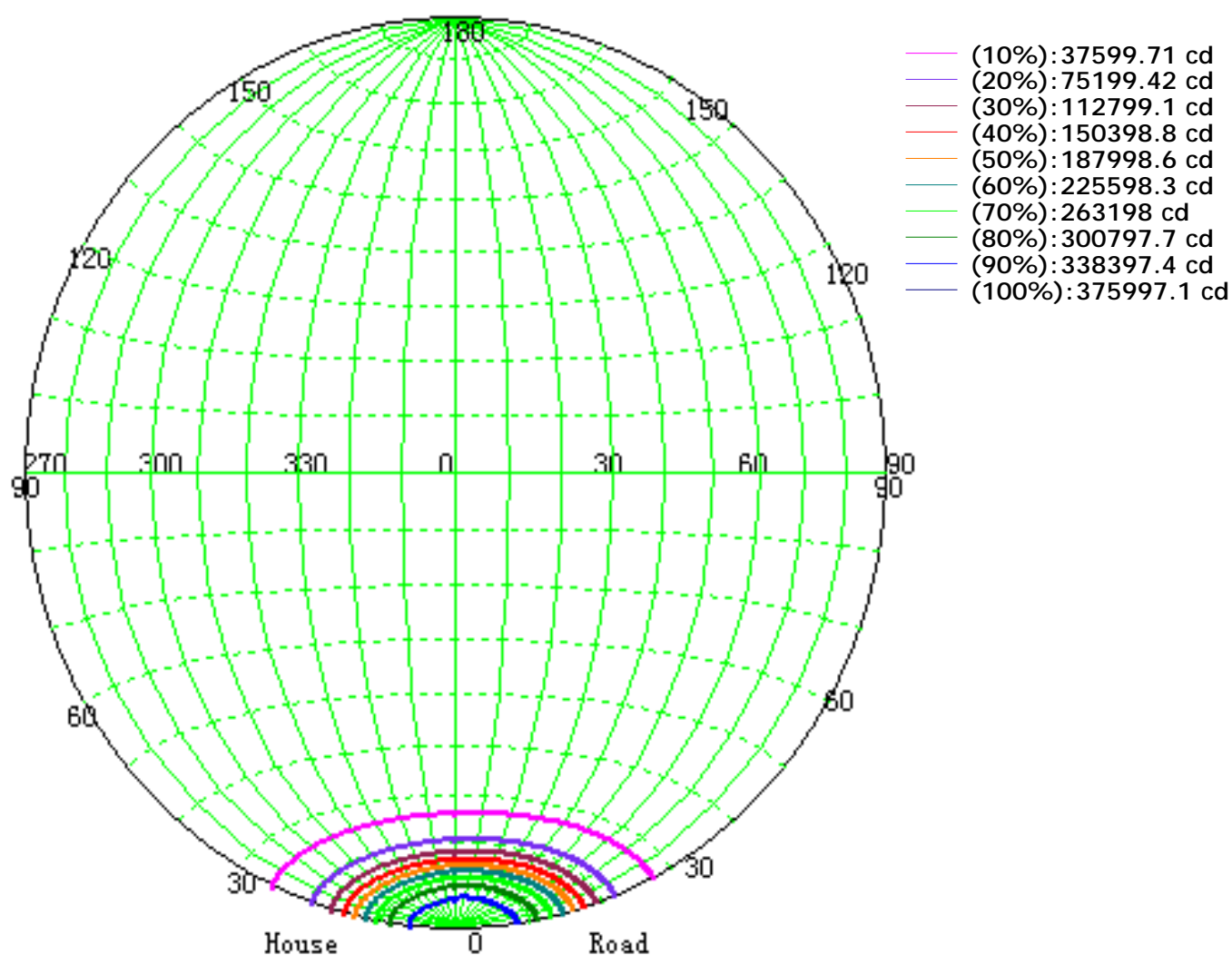
Zonal Luminous Flux Data

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
122.0-123.0	9.93	0.92	73925.13	0.00	99.79
123.0-124.0	9.93	0.91	73926.05	0.00	99.79
124.0-125.0	9.96	0.90	73926.95	0.00	99.79
125.0-126.0	10.03	0.89	73927.83	0.00	99.79
126.0-127.0	10.11	0.89	73928.70	0.00	99.79
127.0-128.0	10.36	0.89	73929.59	0.00	99.79
128.0-129.0	10.13	0.88	73930.46	0.00	99.79
129.0-130.0	9.98	0.85	73931.31	0.00	99.80
130.0-131.0	10.06	0.84	73932.14	0.00	99.80
131.0-132.0	10.26	0.83	73932.98	0.00	99.80
132.0-133.0	11.40	0.88	73933.86	0.00	99.80
133.0-134.0	12.43	0.95	73934.80	0.00	99.80
134.0-135.0	12.99	0.99	73935.80	0.00	99.80
135.0-136.0	13.53	1.02	73936.84	0.00	99.80
136.0-137.0	14.45	1.06	73937.90	0.00	99.80
137.0-138.0	14.28	1.06	73938.96	0.00	99.81
138.0-139.0	15.48	1.08	73940.05	0.00	99.81
139.0-140.0	17.39	1.17	73941.23	0.00	99.81
140.0-141.0	19.16	1.27	73942.49	0.00	99.81
141.0-142.0	21.59	1.39	73943.90	0.00	99.81
142.0-143.0	24.43	1.54	73945.44	0.00	99.81
143.0-144.0	27.84	1.70	73947.13	0.00	99.82
144.0-145.0	31.73	1.90	73949.02	0.00	99.82
145.0-146.0	36.42	2.12	73951.15	0.00	99.82
146.0-147.0	41.76	2.37	73953.51	0.00	99.83
147.0-148.0	48.05	2.65	73956.15	0.00	99.83
148.0-149.0	54.98	2.95	73959.09	0.00	99.83
149.0-150.0	62.50	3.27	73962.36	0.00	99.84
150.0-151.0	70.45	3.59	73965.95	0.00	99.84
151.0-152.0	78.39	3.89	73969.84	0.01	99.85
152.0-153.0	86.15	4.17	73974.02	0.01	99.85
153.0-154.0	94.02	4.41	73978.42	0.01	99.86
154.0-155.0	102.73	4.64	73983.06	0.01	99.87
155.0-156.0	111.41	4.87	73987.94	0.01	99.87
156.0-157.0	119.66	5.05	73992.99	0.01	99.88
157.0-158.0	127.78	5.19	73998.17	0.01	99.89
158.0-159.0	136.48	5.31	74003.47	0.01	99.89
159.0-160.0	145.22	5.41	74008.88	0.01	99.90
160.0-161.0	153.65	5.47	74014.34	0.01	99.91
161.0-162.0	161.88	5.49	74019.84	0.01	99.91
162.0-163.0	169.98	5.47	74025.31	0.01	99.92

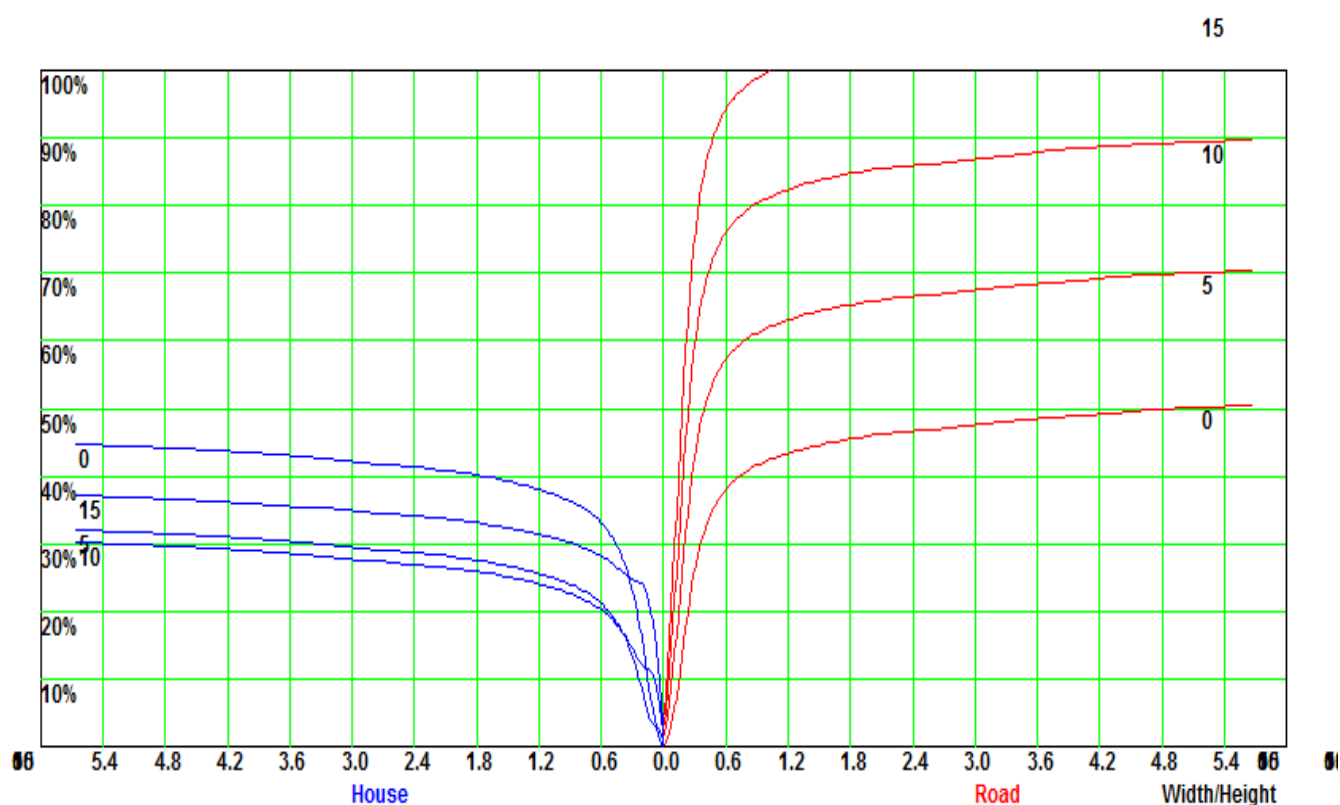
Zonal Luminous Flux Data

[illegible]

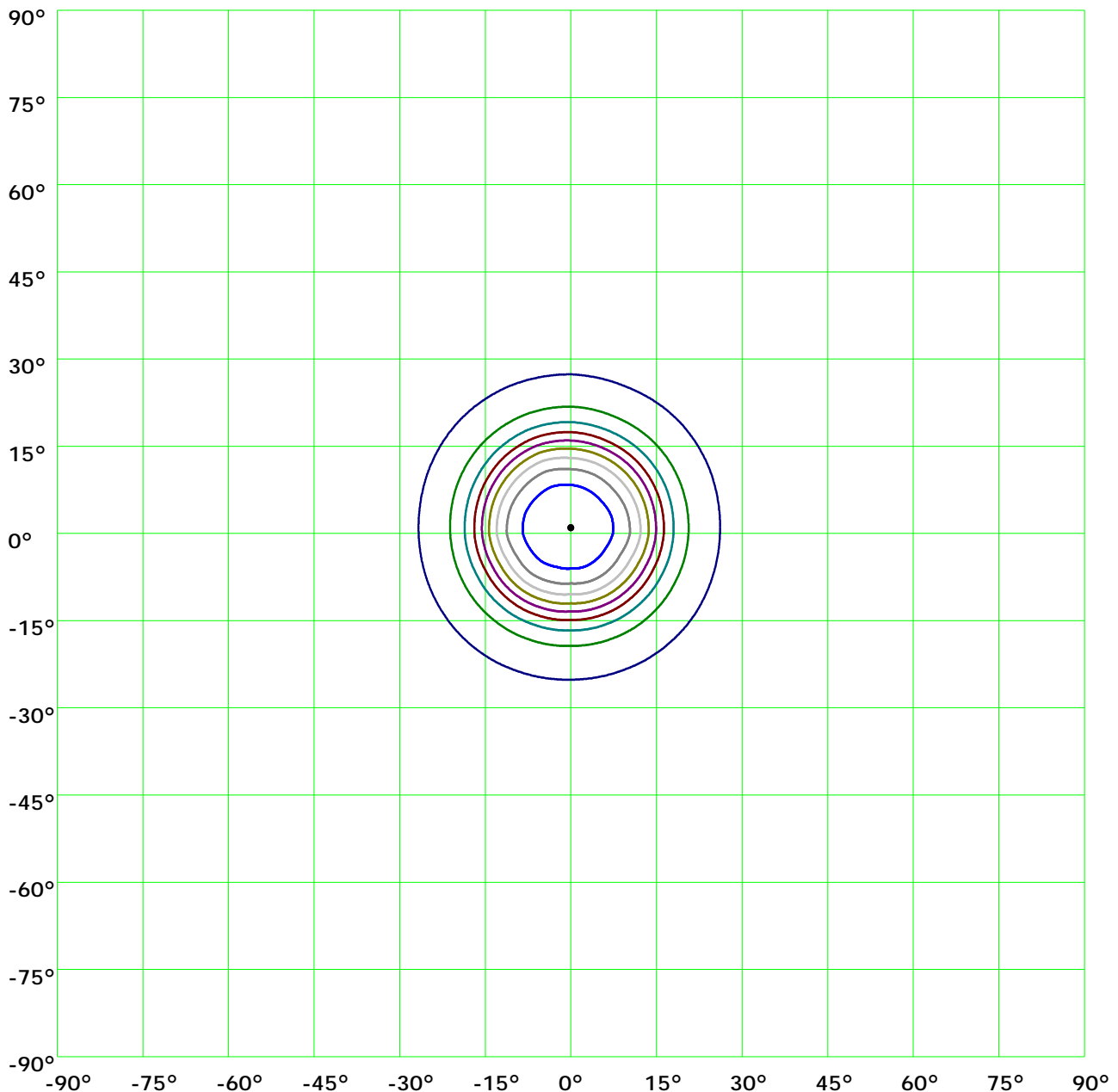
Iso-Candela [cd]



Coefficient Utilization Curve

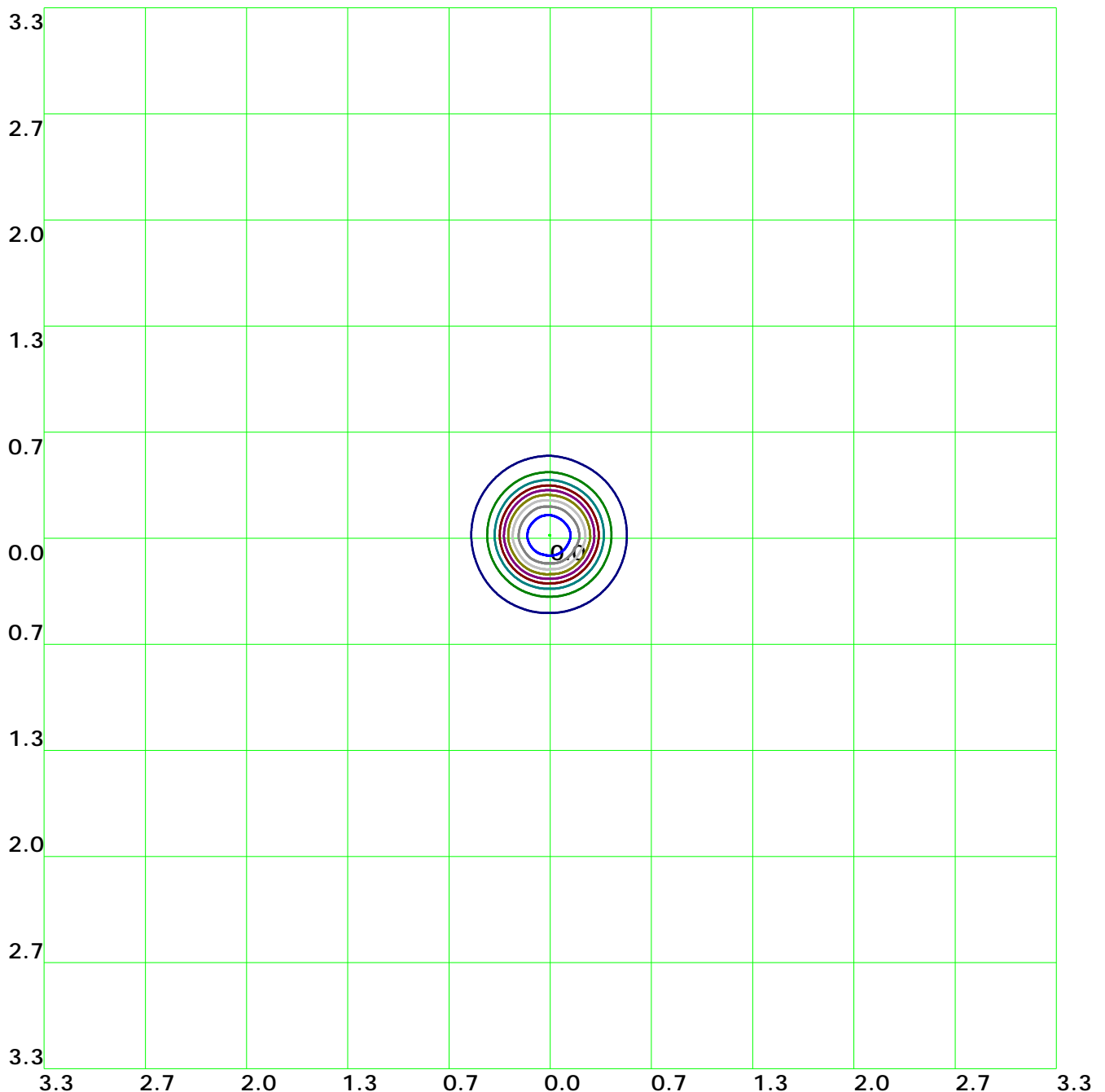


Isocandela(rectangle)



(10%): 18570.8cd (20%): 37141.7cd (30%): 55712.5cd (40%): 74283.3cd
(50%): 92854.1cd (60%): 111424.9cd (70%): 129995.8cd (80%): 148566.6cd
(90%): 167137.4cd (100%): 185708.2cd

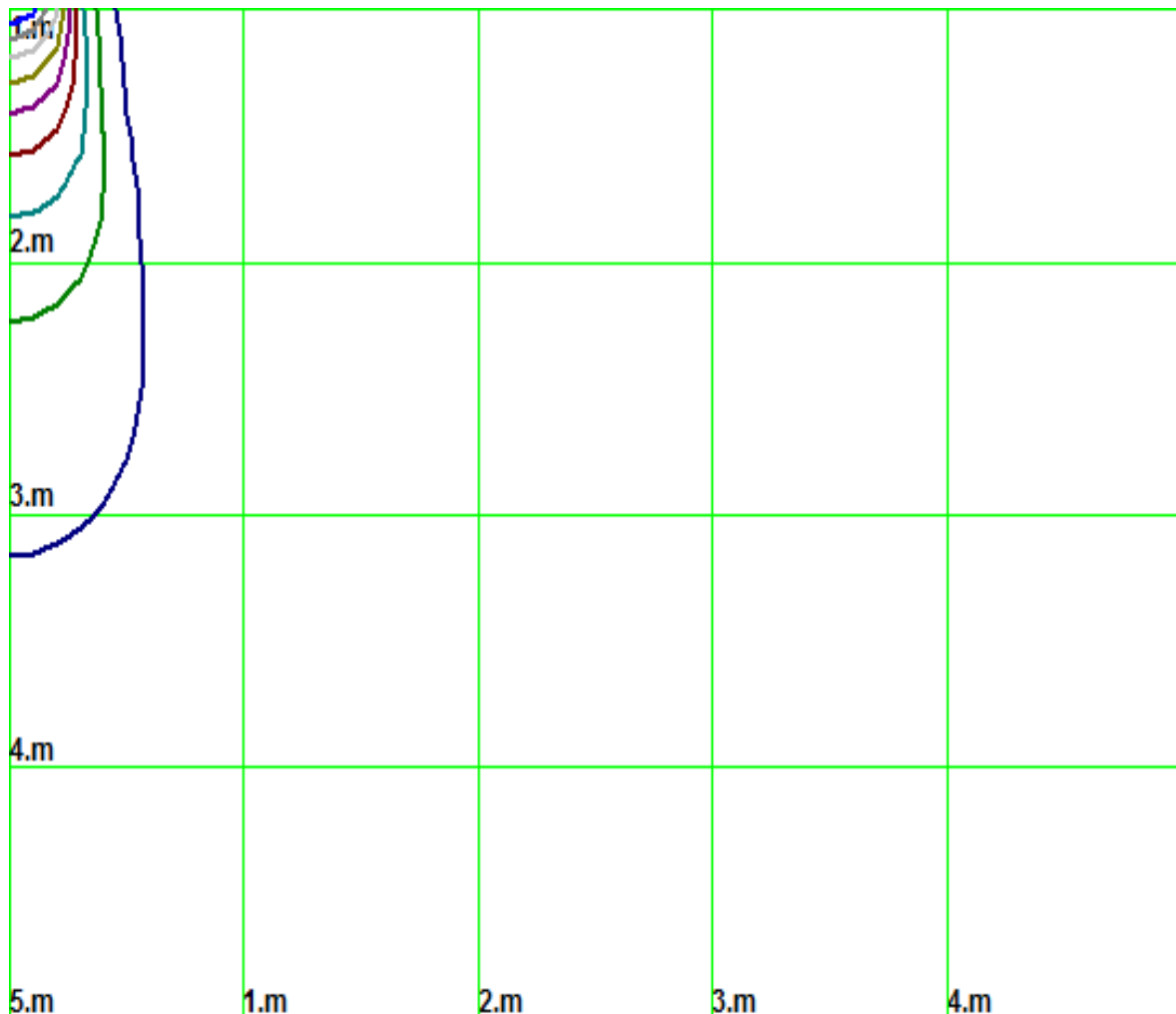
Isolx curve



Height: 1 m

(10%): 18570.8lx (20%): 37141.7lx (30%): 55712.5lx (40%): 74283.3lx
 (50%): 92854.1lx (60%): 111425.1lx (70%): 129995.8lx (80%): 148566.6lx
 (90%): 167137.4lx (100%): 185522.5lx

Space Isolx Curve



(10%): 18570.8lx (20%): 37141.7lx (30%): 55712.5lx (40%): 74283.3lx
 (50%): 92854.1lx (60%): 111425.1lx (70%): 129995.8lx (80%): 148566.6lx
 (90%): 167137.4lx (100%): 185522.5lx

Luminance Limitting Curve

Diameter: .532mm

Length: .532mm

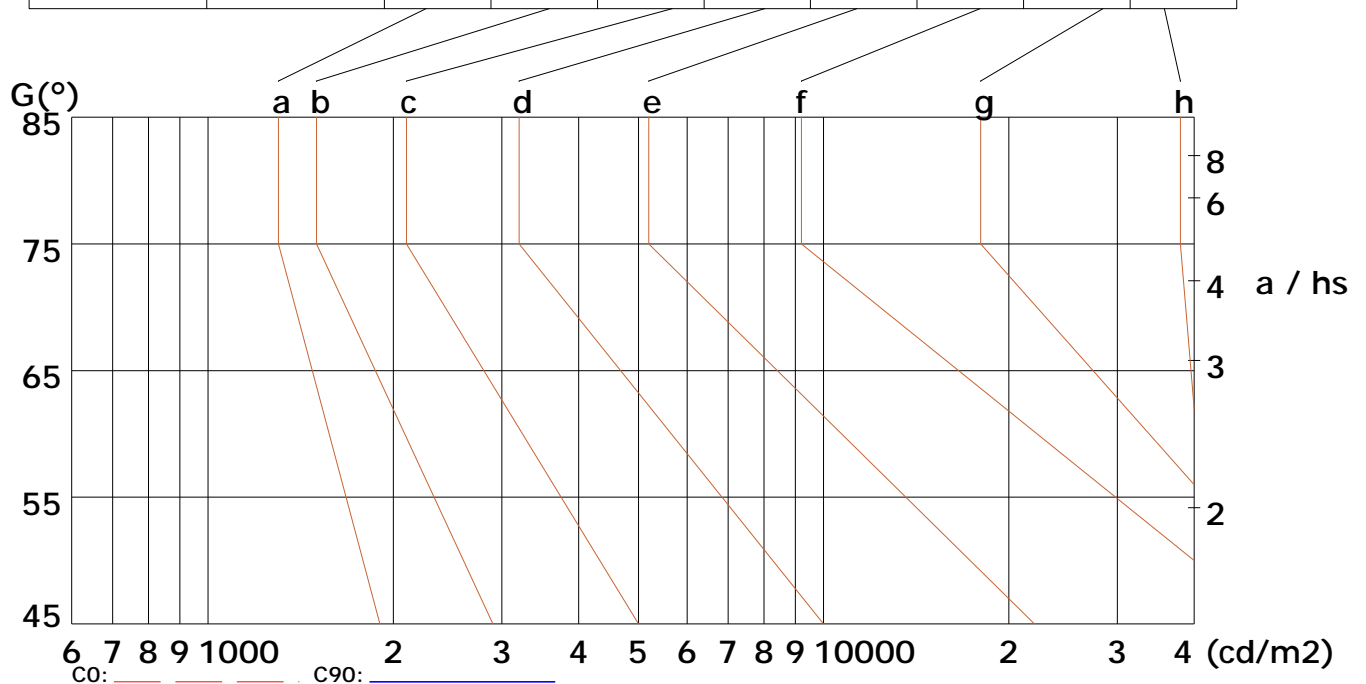
Width: .579mm

Height: .162mm

(cd/m2)

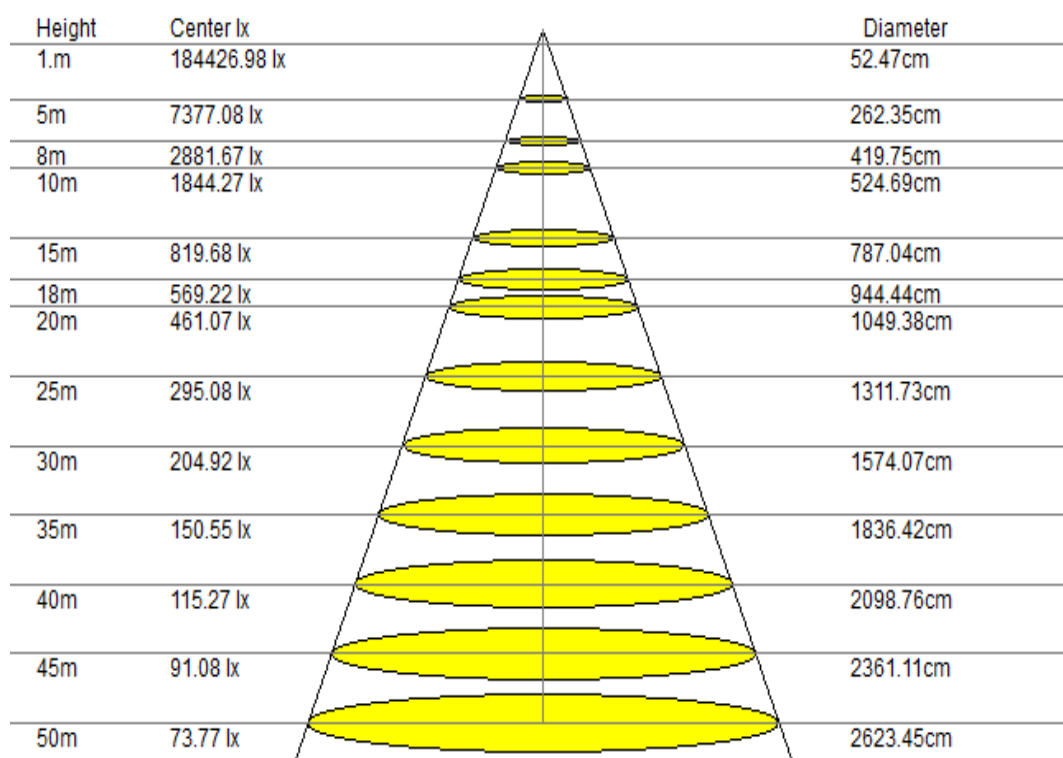
γ	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	174347	176996	182048	184062	186392	185292	185967	151021	1021776
C90	139213	124530	1023393	127101	127387	192462	102287	589559	991047

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



Lum. Limitting Curve (C0/C90)

Lux-Distance Curve



Beam Angle: 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

