Luminaire Property

Luminaire:

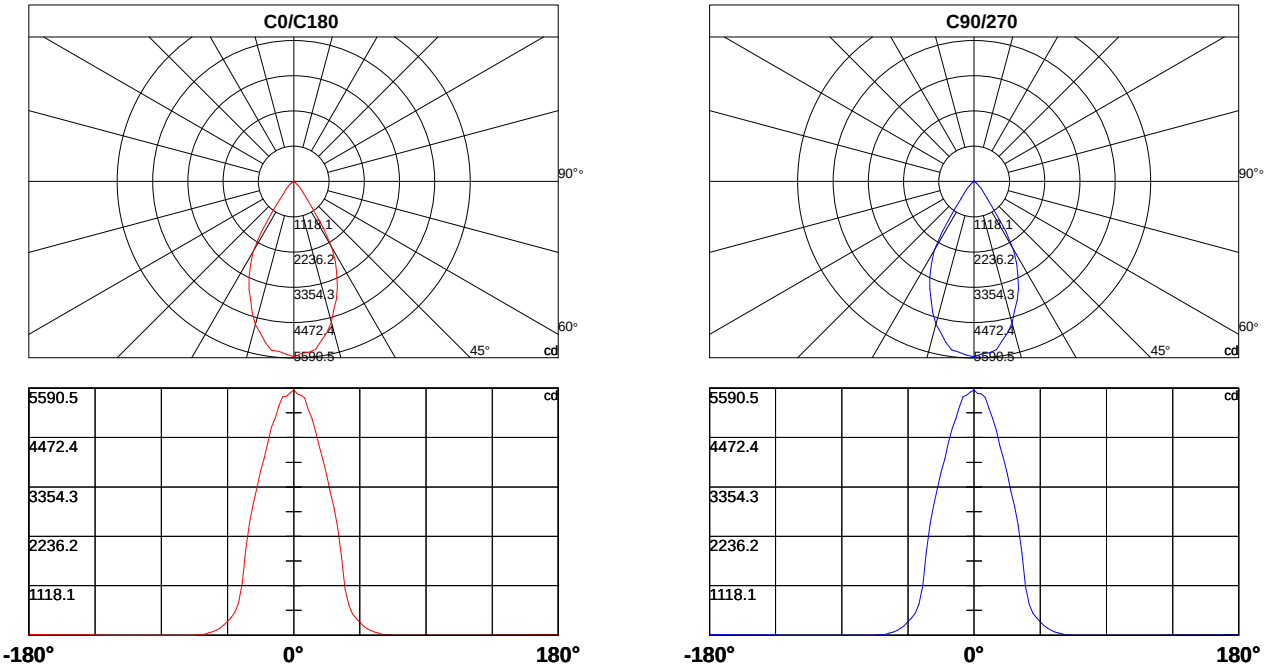
Report NO.:
Test NO.:
Lamp: [LAMP]JU-2017-2019-50W
Sum Lumens: 4575.9 lm
Number of Lamps: 1
Diameter: 0mm
Length: 400mm
Photometric Type: Type C

Voltage: 222.1 V
Current: 0.2527 A
Power: 50.9 W
Power Factor: 0.907
Ballast Type:
Width: 400mm
Height: 400mm
Remark:

Photometric Results

Lumens: 4575.90 lm
Efficiency: 100%
Central Intensity: 5549.875cd
Maximum Intensity: 5590.45cd
Beam Angle(10%): Left: -42.3 Right:36.8

Angle of maximum intensity: C:15.0 G:2.5
Half Peak Side Angle(50%): Left: -31.5 Right:25.8
Up Flux Rate: 0.25%
Down Flux Rate: 99.75%



Photometric Data Table [cd]

C\γ	0.0	2.5	5.0	7.5	10.0	12.5	15.0	17.5	20.0	22.5
0.0	5549.9	5462.2	5433.5	5363.7	5109.4	4892.3	4612.6	4254.8	3963.2	3614.9
5.0	5549.9	5421.7	5406.4	5350.8	5076.6	4891.6	4590.6	4255.9	3940.2	3622.6
10.0	5549.9	5509.5	5471.2	5366.9	5150.3	4943.0	4618.1	4306.9	3987.1	3632.0
15.0	5549.9	5590.5	5509.1	5382.4	5226.9	4957.1	4671.3	4372.5	4020.6	3660.0
20.0	5549.9	5573.5	5513.3	5391.8	5232.3	4964.0	4677.5	4385.0	4047.3	3679.2
25.0	5549.9	5559.0	5514.5	5391.8	5192.0	4969.9	4689.8	4381.7	4048.9	3683.9
30.0	5549.9	5547.1	5509.1	5386.0	5209.3	4978.8	4688.0	4371.9	4055.6	3717.5
35.0	5549.9	5536.4	5480.6	5382.0	5203.3	4988.6	4677.3	4395.1	4063.1	3710.5
40.0	5549.9	5548.8	5515.1	5416.4	5229.0	4993.4	4708.3	4410.5	4078.2	3733.2
45.0	5549.9	5531.9	5511.4	5380.4	5234.1	4968.7	4704.6	4383.5	4075.0	3723.1
50.0	5549.9	5520.2	5498.3	5387.8	5202.0	4969.0	4685.4	4386.1	4065.5	3721.5
55.0	5549.9	5528.6	5510.1	5394.1	5214.7	4963.4	4683.7	4386.8	4049.6	3718.0
60.0	5549.9	5535.0	5513.2	5390.0	5230.7	4957.4	4706.1	4381.0	4055.1	3712.3
65.0	5549.9	5525.1	5487.3	5396.0	5199.4	4965.3	4674.8	4371.3	4046.6	3700.9
70.0	5549.9	5524.8	5489.1	5371.2	5187.7	4945.8	4647.0	4349.7	4034.1	3681.9
75.0	5549.9	5545.7	5500.9	5381.1	5205.9	4950.1	4660.1	4360.0	4039.5	3675.1
80.0	5549.9	5553.9	5505.2	5381.7	5200.1	4946.3	4652.1	4359.6	4026.6	3653.4
85.0	5549.9	5538.2	5501.3	5389.4	5198.3	4941.3	4660.0	4342.9	4030.5	3665.6
90.0	5549.9	5466.9	5458.4	5377.4	5124.6	4910.0	4635.6	4279.8	3999.4	3660.2
95.0	5549.9	5423.1	5413.0	5375.3	5100.9	4913.9	4607.6	4286.1	3981.8	3666.3
100.0	5549.9	5508.7	5476.7	5388.0	5164.7	4958.4	4635.9	4337.4	4036.7	3682.2
105.0	5549.9	5575.5	5524.3	5402.8	5245.6	4982.8	4693.0	4394.1	4075.5	3719.0
110.0	5549.9	5580.4	5530.7	5408.1	5251.1	4993.9	4704.3	4415.5	4086.8	3737.6
115.0	5549.9	5541.0	5516.0	5418.2	5219.0	4996.5	4731.6	4422.7	4100.3	3754.4
120.0	5549.9	5542.6	5500.0	5419.4	5240.8	5012.0	4729.8	4449.0	4111.5	3776.5
125.0	5549.9	5532.2	5498.4	5427.6	5249.1	5036.1	4755.1	4456.8	4130.4	3768.7
130.0	5549.9	5537.7	5508.8	5426.5	5261.9	5025.8	4763.8	4451.3	4148.1	3793.7
135.0	5549.9	5529.4	5514.1	5414.0	5279.2	5024.3	4766.2	4466.5	4147.6	3802.9
140.0	5549.9	5523.3	5507.3	5415.5	5276.6	5024.5	4779.1	4444.7	4155.9	3801.1
145.0	5549.9	5541.1	5513.3	5424.5	5269.7	5039.4	4778.5	4478.8	4154.0	3822.0
150.0	5549.9	5568.0	5520.7	5447.5	5292.6	5057.5	4793.5	4488.7	4150.0	3821.2
155.0	5549.9	5528.6	5502.6	5432.4	5266.6	5037.7	4776.3	4455.8	4140.2	3779.1
160.0	5549.9	5524.9	5499.8	5432.8	5257.9	5028.0	4777.0	4470.9	4120.3	3775.1
165.0	5549.9	5537.5	5516.5	5426.0	5254.5	5029.0	4754.9	4462.6	4107.7	3765.8
170.0	5549.9	5550.4	5528.3	5417.1	5266.6	5042.8	4759.2	4454.3	4130.8	3776.6
175.0	5549.9	5541.8	5499.6	5407.4	5247.8	5009.7	4745.7	4435.5	4100.7	3760.3
180.0	5549.9	5483.6	5407.9	5395.2	5183.2	4914.8	4702.7	4369.0	3995.4	3710.3
185.0	5549.9	5446.5	5395.0	5374.7	5161.4	4870.9	4701.6	4344.6	3962.0	3726.4
190.0	5549.9	5510.2	5469.0	5392.8	5218.2	4949.9	4720.6	4397.9	4031.2	3761.8
195.0	5549.9	5555.5	5530.6	5422.6	5229.6	5039.0	4746.4	4440.6	4120.5	3763.2
200.0	5549.9	5557.5	5542.2	5422.5	5265.6	5052.4	4754.7	4456.6	4146.5	3772.4
205.0	5549.9	5533.6	5506.8	5414.3	5263.8	5039.8	4752.5	4458.5	4137.8	3790.7
210.0	5549.9	5542.6	5491.0	5415.8	5268.8	5032.9	4780.0	4457.9	4143.2	3805.0
215.0	5549.9	5526.2	5504.4	5402.4	5259.4	5041.6	4752.0	4457.4	4152.7	3826.0
220.0	5549.9	5553.5	5506.6	5437.9	5270.4	5029.3	4772.0	4484.6	4164.5	3841.5
225.0	5549.9	5523.8	5499.6	5426.1	5257.8	5041.2	4760.9	4485.7	4152.1	3847.4
230.0	5549.9	5508.7	5509.5	5407.4	5248.0	5024.8	4746.8	4469.9	4152.5	3827.0
235.0	5549.9	5523.2	5506.6	5402.9	5240.0	5015.2	4742.5	4468.6	4130.8	3828.9

Photometric Data Table [cd]

240.0	5549.9	5544.7	5513.8	5408.2	5251.1	5016.3	4756.7	4458.1	4133.0	3817.5
245.0	5549.9	5517.7	5507.2	5397.0	5225.4	4996.0	4722.0	4428.9	4111.6	3766.2
250.0	5549.9	5524.6	5473.9	5394.0	5224.4	4988.8	4704.5	4401.0	4075.1	3749.8
255.0	5549.9	5548.9	5513.0	5406.2	5225.3	4991.3	4714.0	4401.5	4086.2	3738.5
260.0	5549.9	5548.6	5514.3	5388.2	5228.2	4987.6	4688.5	4386.1	4071.0	3705.8
265.0	5549.9	5544.5	5499.3	5399.9	5207.5	4963.6	4686.6	4376.9	4051.0	3695.1
270.0	5549.9	5505.8	5431.5	5391.7	5175.5	4897.2	4677.7	4359.5	3991.6	3685.1
275.0	5549.9	5453.5	5397.8	5375.3	5140.3	4842.9	4673.9	4314.3	3945.4	3699.5
280.0	5549.9	5509.8	5464.6	5372.9	5188.0	4914.8	4686.8	4352.7	3994.3	3719.0
285.0	5549.9	5552.9	5518.9	5396.8	5214.5	4994.4	4693.3	4398.9	4077.0	3719.4
290.0	5549.9	5557.4	5532.2	5394.3	5230.8	5009.9	4701.0	4403.8	4090.9	3722.4
295.0	5549.9	5529.0	5486.0	5383.8	5217.0	4993.9	4692.6	4395.7	4076.4	3735.0
300.0	5549.9	5539.4	5483.9	5389.8	5228.6	4980.1	4710.6	4405.5	4083.9	3758.9
305.0	5549.9	5529.0	5504.2	5374.7	5216.6	4995.9	4713.5	4403.7	4080.9	3764.2
310.0	5549.9	5528.8	5492.6	5391.5	5217.2	4973.9	4705.7	4399.4	4090.4	3751.9
315.0	5549.9	5526.5	5479.8	5382.7	5195.1	4972.9	4706.8	4396.0	4077.2	3746.9
320.0	5549.9	5506.8	5511.7	5341.6	5225.9	4943.0	4703.8	4373.1	4077.0	3732.9
325.0	5549.9	5534.7	5497.6	5373.9	5201.5	4953.2	4689.9	4373.4	4071.6	3708.1
330.0	5549.9	5550.5	5506.2	5383.9	5195.8	4976.6	4680.0	4375.9	4057.4	3700.9
335.0	5549.9	5517.1	5487.0	5365.4	5187.1	4945.9	4654.7	4346.4	4025.0	3674.3
340.0	5549.9	5541.3	5488.5	5352.8	5164.1	4928.0	4662.3	4338.4	4002.9	3654.6
345.0	5549.9	5544.2	5477.9	5358.6	5160.1	4907.5	4626.4	4323.8	3978.7	3617.1
350.0	5549.9	5564.1	5508.3	5363.0	5177.6	4918.3	4610.8	4326.5	3983.4	3605.4
355.0	5549.9	5531.8	5464.7	5355.1	5143.0	4900.3	4605.7	4289.4	3944.0	3598.6
360.0	5549.9	5462.2	5433.5	5363.7	5109.4	4892.3	4612.6	4254.8	3963.2	3614.9

C\γ	**25.0**	**27.5**	**30.0**	**32.5**	**35.0**	**37.5**	**40.0**	**42.5**	**45.0**	**47.5**
0.0	3228.8	2873.3	2426.7	1762.7	1041.8	675.3	483.5	374.2	294.0	206.9
5.0	3218.0	2862.9	2435.3	1763.0	1049.7	675.9	481.8	374.4	293.3	207.6
10.0	3253.5	2878.6	2470.4	1818.8	1087.8	679.5	489.3	381.5	298.1	213.9
15.0	3298.2	2930.4	2497.1	1893.5	1149.4	699.1	500.9	388.8	305.3	220.7
20.0	3316.6	2933.1	2517.8	1968.8	1235.4	728.8	513.4	393.9	309.7	223.4
25.0	3313.2	2941.7	2531.5	2027.1	1335.2	771.1	527.1	401.1	312.6	224.9
30.0	3331.5	2950.3	2534.1	2052.3	1419.2	821.8	550.3	406.5	314.8	226.3
35.0	3350.1	2949.3	2530.8	2056.2	1450.6	854.4	560.3	409.3	315.7	229.2
40.0	3372.8	2959.3	2534.1	2047.4	1451.2	862.7	574.2	411.8	318.4	232.7
45.0	3377.5	2969.9	2535.8	2034.9	1445.5	868.1	574.7	413.4	320.0	233.3
50.0	3365.9	2969.8	2539.3	2050.8	1455.2	871.7	574.5	414.0	318.9	234.0
55.0	3353.0	2965.7	2545.1	2072.7	1468.4	861.8	570.7	412.3	318.5	232.4
60.0	3357.4	2972.8	2553.2	2074.6	1440.5	828.7	552.2	407.8	318.5	230.7
65.0	3333.5	2952.8	2540.8	2044.2	1362.9	779.3	540.3	402.6	315.1	228.1
70.0	3313.4	2939.4	2527.0	1984.7	1265.0	737.0	516.4	395.8	311.4	228.5
75.0	3307.1	2944.6	2516.7	1935.7	1188.8	709.3	506.7	392.5	309.4	226.6
80.0	3304.4	2939.6	2505.9	1890.3	1133.3	696.2	503.1	390.4	307.0	220.7
85.0	3296.6	2942.7	2503.8	1864.4	1106.5	689.3	500.9	387.3	305.0	216.7
90.0	3265.9	2911.0	2490.0	1843.4	1095.1	681.7	497.3	385.8	302.9	215.6
95.0	3257.9	2899.4	2506.1	1853.0	1111.0	682.7	495.6	387.6	304.5	217.8
100.0	3308.7	2925.2	2548.7	1920.3	1159.5	703.1	504.2	394.3	311.0	227.0

Photometric Data Table [cd]

105.0	3357.7	2991.1	2574.6	1998.5	1237.8	731.1	519.7	402.1	318.8	237.1
110.0	3380.7	3012.2	2595.2	2075.3	1337.9	771.3	544.6	410.2	324.1	242.4
115.0	3390.8	3019.1	2616.5	2130.1	1452.8	826.9	559.7	417.6	328.7	244.9
120.0	3411.5	3031.3	2632.7	2165.4	1552.5	899.9	588.0	426.7	333.4	245.6
125.0	3447.3	3050.0	2644.1	2177.7	1600.2	959.1	607.0	433.7	336.5	246.6
130.0	3464.7	3064.4	2656.7	2173.6	1595.6	980.1	625.6	437.5	339.8	249.6
135.0	3463.9	3075.0	2655.4	2169.1	1593.9	992.5	630.8	442.1	342.7	251.7
140.0	3457.8	3074.8	2656.4	2180.6	1608.7	995.8	634.1	441.7	344.0	252.3
145.0	3461.6	3072.8	2671.8	2208.9	1640.2	1002.3	632.8	443.9	343.2	252.8
150.0	3450.6	3082.7	2674.2	2218.9	1625.9	959.1	614.7	439.9	342.1	253.1
155.0	3434.0	3065.7	2659.4	2199.4	1550.1	891.4	592.2	432.3	338.6	252.6
160.0	3418.9	3052.4	2654.7	2159.8	1462.7	833.4	567.6	424.2	334.0	250.6
165.0	3408.9	3046.3	2655.5	2111.9	1371.3	791.6	556.0	416.1	329.3	247.5
170.0	3414.6	3050.4	2645.4	2075.5	1315.1	771.5	548.2	412.2	326.9	245.1
175.0	3398.4	3040.4	2622.5	2039.8	1275.4	758.2	534.8	410.3	324.0	243.0
180.0	3343.6	2963.9	2563.7	1956.7	1183.6	725.6	519.1	397.6	314.2	228.4
185.0	3328.7	2951.7	2568.7	1967.9	1194.1	725.0	520.6	396.0	314.0	230.1
190.0	3372.1	2993.2	2598.5	2016.7	1250.2	745.4	525.5	403.7	320.1	235.1
195.0	3399.2	3051.3	2630.5	2077.6	1330.6	774.4	537.0	412.6	326.5	240.3
200.0	3419.3	3065.5	2648.2	2138.5	1426.9	815.3	550.9	420.5	331.6	242.7
205.0	3429.1	3065.5	2671.4	2191.8	1524.2	875.4	571.4	427.3	334.8	243.8
210.0	3442.5	3068.1	2677.6	2220.1	1599.7	949.5	594.3	433.5	336.3	246.1
215.0	3464.2	3074.0	2678.8	2208.8	1622.3	992.7	606.5	437.1	338.4	248.1
220.0	3483.8	3093.1	2678.4	2191.9	1608.2	997.5	609.6	440.2	341.1	250.1
225.0	3471.1	3098.2	2653.8	2181.7	1589.8	991.8	607.2	438.6	340.2	249.8
230.0	3465.6	3083.6	2649.6	2181.9	1595.5	982.4	603.0	436.4	339.5	248.0
235.0	3451.2	3073.8	2654.9	2188.7	1600.7	968.0	594.5	432.2	336.1	247.1
240.0	3445.7	3064.3	2652.8	2189.6	1560.5	916.4	579.7	429.0	332.9	246.3
245.0	3415.2	3026.5	2638.3	2142.1	1465.9	846.4	556.9	419.0	328.5	244.8
250.0	3372.5	3006.1	2613.0	2084.6	1354.2	786.7	538.4	408.1	323.0	240.7
255.0	3365.8	2998.9	2585.2	2019.0	1262.0	746.3	522.9	403.0	318.1	228.4
260.0	3356.1	2999.4	2565.9	1956.4	1197.9	723.5	514.2	397.5	313.3	220.4
265.0	3348.1	2982.8	2544.7	1907.9	1158.3	710.6	509.2	392.1	309.7	217.0
270.0	3328.8	2939.8	2522.3	1884.2	1122.0	697.6	502.1	387.7	306.6	214.9
275.0	3302.8	2919.3	2517.7	1884.3	1121.9	691.3	500.8	386.1	306.5	215.1
280.0	3329.6	2956.4	2541.2	1915.7	1157.3	702.5	505.3	390.7	311.6	219.9
285.0	3351.7	3004.1	2571.2	1993.2	1228.2	726.9	514.6	398.6	316.9	233.5
290.0	3374.7	3004.3	2589.6	2045.3	1308.3	760.2	525.3	405.7	319.5	238.9
295.0	3383.7	3000.2	2596.4	2093.7	1399.1	804.6	539.8	410.0	321.4	238.7
300.0	3383.2	3001.2	2596.1	2097.6	1461.5	854.6	554.2	413.0	322.7	237.1
305.0	3403.1	3002.7	2582.0	2080.1	1472.3	878.9	560.4	415.3	323.7	237.0
310.0	3389.4	2994.1	2559.3	2048.9	1458.2	882.3	559.5	416.4	323.6	236.2
315.0	3391.5	2983.1	2545.6	2037.0	1443.9	877.6	558.3	416.2	323.7	235.5
320.0	3373.1	2976.3	2538.9	2050.2	1440.9	869.7	552.9	413.3	322.2	233.5
325.0	3362.5	2955.5	2549.7	2049.9	1435.9	846.7	547.2	410.4	318.4	230.4
330.0	3342.9	2953.6	2542.8	2031.4	1376.1	803.1	535.8	405.9	315.6	227.0
335.0	3299.5	2930.3	2507.4	1974.5	1272.0	747.9	517.2	396.9	309.9	223.1
340.0	3283.8	2907.7	2483.9	1893.8	1173.3	705.9	501.1	388.9	304.8	220.1
345.0	3260.3	2892.1	2455.9	1823.6	1090.2	673.4	488.8	380.3	300.1	216.5

Photometric Data Table [cd]

350.0	3256.3	2884.8	2427.2	1755.1	1041.4	656.8	481.4	377.3	296.7	207.5
355.0	3248.0	2862.0	2398.6	1716.1	1011.3	647.6	477.9	374.6	292.1	203.7
360.0	3228.8	2873.3	2426.7	1762.7	1041.8	675.3	483.5	374.2	294.0	206.9

C\γ	**50.0**	**52.5**	**55.0**	**57.5**	**60.0**	**62.5**	**65.0**	**67.5**	**70.0**	**72.5**
0.0	146.8	102.4	69.4	46.0	21.9	4.8	2.0	1.1	0.9	0.7
5.0	146.6	101.2	69.4	45.4	21.4	5.0	2.0	1.1	0.9	0.7
10.0	149.1	102.1	70.8	45.8	21.4	5.6	2.1	1.0	0.9	0.7
15.0	151.5	103.7	72.5	46.7	21.9	6.2	2.2	1.0	0.8	0.7
20.0	153.8	105.6	73.5	46.2	22.1	6.6	2.2	1.0	0.8	0.7
25.0	154.3	108.1	73.2	45.1	22.5	7.4	2.4	1.0	0.8	0.7
30.0	157.3	109.1	73.0	44.5	22.8	8.2	2.9	1.0	0.8	0.7
35.0	160.5	111.2	73.2	44.2	23.4	8.9	3.4	1.0	0.8	0.7
40.0	163.6	114.3	73.7	44.8	24.4	9.6	3.7	1.0	0.8	0.7
45.0	165.4	115.0	74.2	45.3	25.0	10.0	3.8	1.0	0.8	0.7
50.0	164.4	115.4	75.1	45.5	25.0	9.9	3.8	1.0	0.8	0.7
55.0	163.1	113.5	76.2	46.3	24.7	9.7	3.7	1.0	0.8	0.7
60.0	162.5	112.7	76.6	47.3	24.7	9.3	3.4	1.0	0.8	0.7
65.0	159.4	112.0	77.2	48.7	25.0	8.7	3.0	1.0	0.8	0.7
70.0	156.9	109.3	77.1	50.4	24.7	7.5	2.5	1.0	0.8	0.7
75.0	155.3	108.2	75.6	50.1	23.6	6.4	2.4	1.0	0.9	0.7
80.0	154.9	107.4	75.2	49.4	23.4	5.7	2.2	1.1	0.9	0.7
85.0	155.0	107.7	75.0	49.0	23.5	5.2	2.1	1.1	0.9	0.7
90.0	155.9	108.0	74.3	48.9	23.7	5.0	2.0	1.1	0.9	0.7
95.0	156.0	108.5	74.9	49.7	24.3	5.3	2.2	1.1	0.9	0.8
100.0	158.4	109.9	77.1	51.4	25.5	6.1	2.4	1.2	1.0	0.8
105.0	161.5	112.8	79.4	54.2	27.2	7.6	2.8	1.2	1.0	0.8
110.0	165.2	117.0	83.2	56.1	29.3	9.7	3.1	1.3	1.0	0.8
115.0	170.7	120.3	84.7	55.8	30.2	11.9	3.9	1.3	1.1	0.9
120.0	174.8	123.5	85.7	55.8	31.2	13.0	4.7	1.3	1.1	0.9
125.0	176.7	125.2	86.9	56.0	31.8	14.0	5.1	1.4	1.1	0.9
130.0	178.1	127.7	87.7	56.4	32.5	14.9	5.6	1.4	1.1	0.9
135.0	179.0	129.3	88.2	57.1	33.2	15.8	6.0	1.4	1.1	0.9
140.0	179.2	127.4	88.3	57.2	32.9	15.4	6.0	1.4	1.1	0.9
145.0	178.5	126.5	87.8	57.5	32.7	14.5	5.6	1.4	1.1	0.9
150.0	178.2	125.1	87.2	57.8	32.2	13.7	5.1	1.3	1.1	0.9
155.0	175.3	122.5	86.8	58.4	31.9	12.9	4.6	1.3	1.0	0.9
160.0	171.2	121.7	86.4	59.1	32.3	11.9	4.0	1.3	1.0	0.8
165.0	168.3	117.6	85.3	58.8	32.4	10.4	3.5	1.2	1.0	0.8
170.0	167.2	116.1	82.9	57.7	31.7	8.8	3.1	1.2	1.0	0.8
175.0	166.6	115.8	81.5	56.7	30.5	7.5	3.0	1.2	1.0	0.8
180.0	161.8	111.5	78.6	52.9	27.2	6.1	2.8	1.3	1.1	0.9
185.0	160.7	110.4	78.4	52.5	26.5	6.5	2.8	1.3	1.1	0.9
190.0	162.2	111.4	78.8	53.1	26.6	7.4	2.8	1.3	1.1	0.9
195.0	165.0	113.3	80.0	53.2	26.5	8.1	2.9	1.3	1.1	0.9
200.0	167.8	115.5	81.0	52.3	26.1	8.7	3.1	1.3	1.0	0.9
205.0	169.5	117.0	80.8	50.6	26.1	9.4	3.3	1.3	1.0	0.9
210.0	170.8	118.1	80.5	49.6	26.0	10.0	3.7	1.3	1.0	0.9

Photometric Data Table [cd]

215.0	172.6	118.9	80.8	49.4	26.3	10.6	3.9	1.3	1.0	0.9
220.0	176.1	122.0	81.3	49.5	27.1	11.1	4.1	1.3	1.1	0.9
225.0	176.9	123.1	80.8	49.5	27.7	11.6	4.3	1.3	1.1	0.9
230.0	176.2	122.2	80.9	49.8	27.6	11.6	4.3	1.3	1.1	0.9
235.0	174.8	119.5	81.1	50.6	27.4	11.3	4.1	1.3	1.1	0.9
240.0	171.6	118.0	80.0	50.4	27.1	10.8	3.8	1.3	1.1	0.9
245.0	167.3	114.5	79.7	50.8	26.5	9.6	3.3	1.3	1.1	0.9
250.0	162.1	109.8	76.4	50.6	24.7	7.5	2.9	1.3	1.1	0.9
255.0	158.9	107.8	74.8	48.3	23.1	6.3	2.6	1.3	1.1	0.9
260.0	156.5	106.1	73.9	47.3	22.2	5.7	2.4	1.3	1.1	0.9
265.0	154.9	105.3	72.8	46.1	21.2	5.1	2.2	1.3	1.1	0.9
270.0	153.5	104.1	72.2	45.5	20.7	4.8	2.1	1.3	1.1	0.9
275.0	153.5	104.6	72.8	46.4	21.7	5.1	2.3	1.4	1.1	0.9
280.0	156.2	106.2	74.4	48.0	23.0	5.9	2.5	1.4	1.1	0.9
285.0	159.3	109.2	75.7	49.8	23.8	6.7	2.8	1.4	1.2	1.0
290.0	162.6	111.3	78.0	51.8	25.8	8.2	3.0	1.5	1.2	1.0
295.0	166.5	114.6	79.2	50.3	26.5	10.0	3.5	1.5	1.2	1.0
300.0	169.1	115.5	78.6	49.2	26.6	10.8	4.4	1.5	1.2	1.0
305.0	167.7	116.5	79.0	48.6	26.7	11.2	4.8	1.5	1.3	1.0
310.0	167.8	117.3	77.8	48.0	27.0	11.4	4.9	1.5	1.3	1.0
315.0	167.0	116.3	76.7	47.8	27.0	11.3	4.9	1.5	1.3	1.0
320.0	165.2	113.7	76.0	46.9	25.8	10.7	4.8	1.5	1.3	1.0
325.0	162.0	110.5	74.7	46.3	24.6	9.9	4.3	1.5	1.2	1.0
330.0	159.8	108.6	74.1	46.3	23.7	8.8	3.5	1.5	1.2	1.0
335.0	157.1	106.0	73.4	46.5	23.1	7.7	2.9	1.4	1.2	1.0
340.0	152.6	103.7	72.6	47.0	22.3	6.8	2.6	1.4	1.2	0.9
345.0	148.5	101.7	71.3	46.5	21.5	6.3	2.5	1.4	1.1	0.9
350.0	145.7	100.7	70.4	45.4	21.0	5.7	2.3	1.3	1.1	0.9
355.0	144.2	100.1	69.8	44.7	20.4	5.0	2.2	1.3	1.1	0.9
360.0	146.8	102.4	69.4	46.0	21.9	4.8	2.0	1.1	0.9	0.7

C\γ	**75.0**	**77.5**	**80.0**	**82.5**	**85.0**	**87.5**	**90.0**	**92.5**	**95.0**	**97.5**
0.0	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1
5.0	0.6	0.4	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.1
10.0	0.6	0.4	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.1
15.0	0.6	0.4	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.1
20.0	0.6	0.4	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.1
25.0	0.5	0.4	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.1
30.0	0.5	0.4	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.1
35.0	0.5	0.4	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.1
40.0	0.5	0.4	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.1
45.0	0.5	0.4	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.1
50.0	0.5	0.4	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.1
55.0	0.5	0.4	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.1
60.0	0.5	0.4	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.1
65.0	0.6	0.4	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.1
70.0	0.6	0.4	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.1
75.0	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1

Photometric Data Table [cd]

80.0	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1
85.0	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1
90.0	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1
95.0	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1
100.0	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1
105.0	0.7	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1
110.0	0.7	0.6	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1
115.0	0.7	0.6	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1
120.0	0.7	0.6	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1
125.0	0.8	0.6	0.5	0.3	0.2	0.1	0.1	0.1	0.1	0.1
130.0	0.8	0.6	0.5	0.3	0.2	0.1	0.1	0.2	0.1	0.1
135.0	0.8	0.6	0.5	0.3	0.3	0.1	0.1	0.2	0.1	0.1
140.0	0.8	0.6	0.5	0.3	0.3	0.2	0.1	0.2	0.1	0.1
145.0	0.7	0.6	0.5	0.3	0.2	0.2	0.1	0.2	0.1	0.1
150.0	0.7	0.6	0.4	0.3	0.2	0.2	0.1	0.2	0.1	0.1
155.0	0.7	0.6	0.4	0.3	0.2	0.1	0.1	0.2	0.1	0.1
160.0	0.7	0.6	0.4	0.3	0.2	0.2	0.1	0.2	0.1	0.1
165.0	0.7	0.5	0.4	0.3	0.2	0.2	0.1	0.2	0.1	0.1
170.0	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.2	0.1	0.1
175.0	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1
180.0	0.7	0.6	0.5	0.3	0.3	0.2	0.1	0.1	0.1	0.1
185.0	0.7	0.6	0.4	0.3	0.2	0.2	0.1	0.2	0.1	0.1
190.0	0.7	0.6	0.4	0.3	0.3	0.2	0.1	0.2	0.1	0.1
195.0	0.7	0.6	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1
200.0	0.7	0.6	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1
205.0	0.7	0.6	0.4	0.3	0.2	0.2	0.1	0.2	0.1	0.1
210.0	0.7	0.6	0.4	0.3	0.3	0.2	0.1	0.2	0.1	0.1
215.0	0.7	0.6	0.4	0.3	0.2	0.2	0.1	0.2	0.1	0.1
220.0	0.7	0.6	0.4	0.3	0.3	0.2	0.1	0.2	0.1	0.1
225.0	0.7	0.6	0.4	0.3	0.3	0.2	0.1	0.1	0.1	0.1
230.0	0.7	0.6	0.4	0.3	0.3	0.2	0.1	0.1	0.1	0.1
235.0	0.7	0.6	0.4	0.3	0.3	0.2	0.1	0.1	0.2	0.1
240.0	0.7	0.6	0.4	0.3	0.3	0.2	0.1	0.1	0.2	0.1
245.0	0.7	0.6	0.4	0.3	0.3	0.2	0.1	0.1	0.1	0.1
250.0	0.7	0.6	0.4	0.3	0.3	0.2	0.1	0.1	0.1	0.1
255.0	0.7	0.6	0.5	0.3	0.3	0.2	0.1	0.1	0.1	0.1
260.0	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1
265.0	0.8	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1
270.0	0.8	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1
275.0	0.8	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1
280.0	0.8	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1
285.0	0.8	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1
290.0	0.8	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.2	0.1
295.0	0.8	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.2	0.1
300.0	0.8	0.7	0.5	0.4	0.3	0.2	0.1	0.1	0.2	0.1
305.0	0.8	0.7	0.5	0.4	0.3	0.2	0.1	0.1	0.2	0.1
310.0	0.8	0.7	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1
315.0	0.8	0.7	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1
320.0	0.8	0.7	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1

Photometric Data Table [cd]

325.0	0.8	0.7	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1
330.0	0.8	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1
335.0	0.8	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1
340.0	0.8	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1
345.0	0.8	0.6	0.5	0.3	0.3	0.2	0.1	0.1	0.1	0.1
350.0	0.7	0.6	0.4	0.3	0.3	0.2	0.1	0.1	0.1	0.1
355.0	0.7	0.6	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1
360.0	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1

C\γ	**100.0**	**102.5**	**105.0**	**107.5**	**110.0**	**112.5**	**115.0**	**117.5**	**120.0**	**122.5**
0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.8
5.0	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.8
10.0	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.8
15.0	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.8
20.0	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.8
25.0	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.8
30.0	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.8
35.0	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.8
40.0	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.8
45.0	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.7
50.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.5	0.7
55.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.5	0.7
60.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.5	0.6
65.0	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.5	0.7
70.0	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.5	0.7
75.0	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.5	0.6
80.0	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.7
85.0	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.7
90.0	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.8
95.0	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.5	0.7
100.0	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.6
105.0	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.5	0.6
110.0	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.6	0.7
115.0	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.5	0.7
120.0	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.5
125.0	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.6
130.0	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.7
135.0	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.4	0.5	0.7
140.0	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.7
145.0	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.8
150.0	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.8
155.0	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.5	0.6	0.8
160.0	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.4	0.6	0.8
165.0	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.4	0.6	0.8
170.0	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.4	0.6	0.8
175.0	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.4	0.6	0.7
180.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4
185.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4

Photometric Data Table [cd]

190.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4
195.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4
200.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4
205.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4
210.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4
215.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4
220.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4
225.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4
230.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4
235.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.4
240.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3
245.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.4
250.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.4
255.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.4
260.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.4
265.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.4
270.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.4
275.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.4
280.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.4
285.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.4
290.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.4
295.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.4
300.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4
305.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.4
310.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.4
315.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.4
320.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.5
325.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.5
330.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.5
335.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.4	0.5
340.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.5
345.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.4	0.5
350.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.4	0.5
355.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.5
360.0	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.8

C\γ	**125.0**	**127.5**	**130.0**	**132.5**	**135.0**	**137.5**	**140.0**	**142.5**	**145.0**	**147.5**
0.0	1.0	1.3	1.8	2.3	3.0	3.5	3.8	4.2	4.8	5.3
5.0	1.0	1.3	1.8	2.3	3.0	3.5	3.8	4.2	4.7	5.3
10.0	1.0	1.4	1.8	2.4	3.0	3.5	3.8	4.3	4.7	5.2
15.0	1.0	1.4	1.8	2.4	3.0	3.4	3.8	4.2	4.7	5.3
20.0	1.1	1.4	1.8	2.4	2.9	3.3	3.7	4.3	4.9	5.5
25.0	1.1	1.4	1.8	2.3	2.7	3.2	3.7	4.3	4.8	5.3
30.0	1.1	1.4	1.7	2.1	2.6	3.2	3.6	4.1	4.5	4.9
35.0	1.0	1.3	1.6	2.1	2.7	3.2	3.5	4.0	4.3	4.6
40.0	0.9	1.2	1.7	2.2	2.6	3.0	3.4	3.8	4.2	4.7
45.0	0.9	1.3	1.6	2.0	2.4	2.7	3.2	3.7	4.4	5.1
50.0	0.9	1.2	1.5	1.9	2.2	2.7	3.3	3.9	4.6	5.4

Photometric Data Table [cd]

55.0	0.8	1.1	1.5	2.2	2.8	3.4	3.9	4.3	4.7	5.3
60.0	0.8	1.2	1.8	2.7	3.5	4.0	4.3	4.6	5.0	5.4
65.0	1.0	1.4	1.9	2.7	3.5	4.2	4.6	5.0	5.2	5.3
70.0	0.9	1.2	1.6	2.3	3.0	3.7	4.1	4.4	4.9	5.4
75.0	0.9	1.1	1.5	2.1	2.8	3.3	3.8	4.5	5.2	5.7
80.0	0.9	1.2	1.5	2.1	2.8	3.3	3.8	4.4	4.9	5.8
85.0	0.9	1.3	1.7	2.3	3.1	3.5	3.9	4.3	4.7	5.8
90.0	1.0	1.3	1.7	2.3	3.2	3.4	3.8	4.5	4.9	5.9
95.0	0.9	1.3	1.7	2.3	3.1	3.4	3.8	4.4	4.8	5.8
100.0	0.8	1.1	1.5	2.0	2.7	3.2	3.7	4.1	4.7	5.5
105.0	0.8	1.1	1.5	2.1	2.8	3.3	3.8	4.4	5.1	5.5
110.0	0.9	1.2	1.6	2.2	3.0	3.7	4.0	4.4	4.9	5.3
115.0	1.0	1.4	1.9	2.6	3.4	4.1	4.5	4.8	4.9	4.8
120.0	0.8	1.2	1.8	2.7	3.4	3.9	4.1	4.4	4.7	5.0
125.0	0.8	0.9	1.4	2.0	2.7	3.4	3.9	4.2	4.5	5.0
130.0	0.9	1.1	1.3	1.6	2.0	2.6	3.2	3.9	4.7	5.4
135.0	0.9	1.2	1.5	1.8	2.1	2.5	3.0	3.7	4.4	5.2
140.0	0.9	1.2	1.6	2.0	2.5	2.8	3.1	3.5	4.0	4.7
145.0	0.9	1.2	1.5	2.1	2.6	3.0	3.4	3.7	4.1	4.4
150.0	1.0	1.2	1.6	2.0	2.6	3.1	3.6	4.0	4.4	4.7
155.0	1.0	1.3	1.6	2.1	2.6	3.1	3.7	4.3	4.7	5.2
160.0	1.0	1.3	1.6	2.1	2.7	3.2	3.7	4.3	4.9	5.4
165.0	1.0	1.3	1.7	2.1	2.7	3.2	3.7	4.2	4.8	5.4
170.0	1.0	1.3	1.7	2.2	2.8	3.3	3.7	4.2	4.8	5.3
175.0	0.9	1.3	1.7	2.2	2.8	3.3	3.7	4.2	4.7	5.3
180.0	0.6	0.8	1.1	1.5	1.9	2.3	2.7	3.1	3.5	4.1
185.0	0.6	0.8	1.1	1.5	1.9	2.3	2.7	3.1	3.5	4.0
190.0	0.6	0.8	1.1	1.5	1.9	2.3	2.7	3.1	3.5	4.1
195.0	0.6	0.8	1.1	1.5	1.9	2.3	2.7	3.1	3.5	4.1
200.0	0.6	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.5	4.0
205.0	0.6	0.8	1.1	1.5	1.8	2.2	2.5	2.9	3.4	3.9
210.0	0.6	0.8	1.1	1.4	1.7	2.1	2.4	2.8	3.3	3.7
215.0	0.6	0.8	1.0	1.4	1.7	2.1	2.4	2.7	3.1	3.5
220.0	0.6	0.8	1.0	1.4	1.7	2.0	2.3	2.6	3.0	3.6
225.0	0.5	0.8	1.0	1.4	1.7	2.0	2.3	2.7	3.2	3.8
230.0	0.5	0.7	1.0	1.3	1.7	2.1	2.5	3.0	3.5	4.0
235.0	0.5	0.7	1.0	1.4	2.0	2.4	2.9	3.2	3.7	4.1
240.0	0.5	0.8	1.1	1.6	2.2	2.6	2.9	3.3	3.8	4.2
245.0	0.6	0.8	1.2	1.6	2.1	2.6	2.9	3.3	3.8	4.1
250.0	0.5	0.7	1.0	1.4	1.9	2.4	2.8	3.1	3.6	4.1
255.0	0.5	0.7	1.0	1.4	1.8	2.2	2.6	3.1	3.7	4.2
260.0	0.5	0.7	1.0	1.4	1.8	2.2	2.5	2.9	3.7	4.3
265.0	0.6	0.8	1.1	1.5	2.0	2.3	2.6	3.1	3.7	4.3
270.0	0.6	0.8	1.1	1.5	2.0	2.3	2.6	3.1	3.7	4.4
275.0	0.6	0.8	1.1	1.5	2.0	2.3	2.6	3.1	3.8	4.4
280.0	0.5	0.7	1.0	1.4	1.8	2.2	2.5	2.9	3.7	4.3
285.0	0.5	0.8	1.0	1.4	1.9	2.3	2.7	3.2	3.8	4.3
290.0	0.6	0.8	1.1	1.5	2.1	2.5	2.9	3.3	3.7	4.2
295.0	0.6	0.9	1.2	1.7	2.2	2.6	2.9	3.3	3.8	4.3

Photometric Data Table [cd]

300.0	0.5	0.8	1.1	1.7	2.2	2.6	2.9	3.3	3.8	4.2
305.0	0.5	0.7	1.0	1.4	1.9	2.3	2.8	3.2	3.6	4.2
310.0	0.6	0.8	1.0	1.3	1.7	2.1	2.5	3.0	3.5	4.1
315.0	0.6	0.8	1.0	1.4	1.8	2.0	2.3	2.8	3.3	3.8
320.0	0.6	0.8	1.1	1.4	1.8	2.1	2.5	2.8	3.2	3.7
325.0	0.6	0.8	1.1	1.5	1.8	2.2	2.5	2.9	3.3	3.7
330.0	0.6	0.9	1.2	1.5	1.9	2.2	2.6	3.0	3.4	3.9
335.0	0.6	0.9	1.2	1.6	2.0	2.3	2.6	3.0	3.5	4.0
340.0	0.6	0.9	1.2	1.6	2.0	2.4	2.8	3.1	3.5	4.2
345.0	0.6	0.9	1.2	1.6	2.1	2.5	2.8	3.2	3.5	4.0
350.0	0.6	0.9	1.2	1.6	2.1	2.5	2.9	3.3	3.6	4.0
355.0	0.6	0.9	1.2	1.6	2.1	2.5	2.9	3.3	3.7	4.2
360.0	1.0	1.3	1.8	2.3	3.0	3.5	3.8	4.2	4.8	5.3

C\γ	**150.0**	**152.5**	**155.0**	**157.5**	**160.0**	**162.5**	**165.0**	**167.5**	**170.0**	**172.5**
0.0	5.9	6.4	6.5	6.5	7.3	8.0	8.3	8.6	8.9	9.3
5.0	5.7	5.9	6.4	7.2	7.8	8.1	8.3	8.6	8.8	8.9
10.0	5.7	6.4	7.0	7.5	8.0	8.2	8.2	8.3	8.4	9.0
15.0	6.0	6.7	7.2	7.5	7.8	8.1	8.2	8.5	8.8	9.5
20.0	6.1	6.7	7.1	7.4	7.9	8.2	8.4	8.8	9.1	9.4
25.0	5.8	6.4	6.9	7.3	7.8	8.1	8.3	8.6	9.1	9.4
30.0	5.3	5.9	6.3	6.7	7.3	7.7	8.1	8.5	8.9	9.3
35.0	5.0	5.5	6.1	6.5	7.1	7.6	7.9	8.3	8.6	9.0
40.0	5.2	5.8	6.4	6.8	7.3	7.6	7.8	8.2	8.6	9.0
45.0	5.7	6.4	7.0	7.3	7.7	7.9	8.1	8.4	8.6	8.8
50.0	6.2	6.8	7.2	7.4	7.8	8.0	8.1	8.3	8.4	8.4
55.0	5.9	6.5	7.0	7.3	7.6	7.8	7.8	8.1	8.4	8.6
60.0	5.8	6.2	6.4	6.4	6.8	7.2	7.6	7.9	8.5	8.7
65.0	5.3	5.7	6.2	6.4	6.5	6.7	7.0	7.6	8.3	8.6
70.0	5.9	6.3	6.6	6.5	6.5	6.7	6.9	7.3	8.3	8.7
75.0	6.1	6.4	6.8	6.8	6.8	6.9	7.0	7.2	8.3	8.8
80.0	6.2	6.6	6.9	6.8	6.7	6.9	7.1	7.3	8.1	8.9
85.0	6.3	6.8	7.2	7.2	7.0	6.9	7.3	7.8	8.5	9.2
90.0	6.4	6.9	7.2	7.2	7.0	6.8	7.3	7.7	8.4	9.0
95.0	6.3	6.8	7.1	7.1	6.9	6.8	7.2	7.6	8.3	8.9
100.0	6.0	6.5	6.9	6.8	6.7	6.9	7.2	7.5	8.2	8.9
105.0	5.9	6.4	6.8	6.8	6.8	6.9	7.1	7.3	8.3	8.9
110.0	5.8	6.2	6.6	6.5	6.6	6.8	7.0	7.4	8.4	8.8
115.0	5.1	5.7	6.3	6.4	6.6	6.8	7.1	7.7	8.4	8.6
120.0	5.5	5.9	6.2	6.4	6.8	7.3	7.6	8.1	8.5	8.7
125.0	5.6	6.3	6.8	7.2	7.5	7.7	7.8	8.0	8.4	8.6
130.0	6.0	6.6	7.0	7.3	7.6	7.9	8.0	8.1	8.3	8.4
135.0	5.8	6.4	7.0	7.3	7.6	7.8	8.0	8.2	8.5	8.6
140.0	5.3	6.0	6.5	6.9	7.4	7.8	8.0	8.3	8.7	9.0
145.0	4.9	5.6	6.3	6.9	7.3	7.8	8.1	8.5	8.9	9.3
150.0	5.3	5.8	6.3	6.9	7.6	8.1	8.4	8.8	9.2	9.6
155.0	5.7	6.3	6.8	7.3	7.7	8.1	8.4	8.8	9.3	9.6
160.0	5.9	6.5	7.0	7.4	7.9	8.2	8.4	8.5	8.8	9.3

Photometric Data Table [cd]

165.0	5.9	6.5	7.0	7.4	7.9	8.2	8.2	8.4	8.8	9.3
170.0	5.8	6.4	6.9	7.4	7.8	7.8	7.8	8.2	8.8	9.5
175.0	5.8	6.3	6.9	7.1	7.2	7.4	8.0	8.6	9.0	9.5
180.0	4.6	5.1	5.1	5.3	6.1	6.6	7.1	7.6	8.1	9.0
185.0	4.6	5.1	5.6	5.7	5.6	6.1	6.9	7.6	8.1	8.9
190.0	4.6	5.1	5.6	6.0	6.4	6.5	6.5	7.2	8.1	9.1
195.0	4.6	5.2	5.7	6.1	6.6	6.8	6.9	7.2	7.9	8.8
200.0	4.6	5.2	5.7	6.2	6.5	6.8	7.0	7.4	8.0	8.6
205.0	4.4	4.9	5.5	5.9	6.3	6.7	7.1	7.6	8.2	8.7
210.0	4.2	4.6	5.2	5.8	6.2	6.6	6.9	7.5	8.3	8.9
215.0	4.1	4.7	5.3	5.7	6.0	6.4	6.8	7.3	8.1	8.9
220.0	4.3	4.9	5.5	5.9	6.2	6.5	6.8	7.2	7.9	8.7
225.0	4.4	5.0	5.6	5.9	6.2	6.5	6.7	7.2	7.9	8.5
230.0	4.6	5.1	5.5	5.9	6.1	6.3	6.6	7.1	7.9	8.5
235.0	4.6	5.2	5.5	5.8	6.1	6.4	6.7	7.2	7.9	8.5
240.0	4.7	5.2	5.5	5.7	6.1	6.3	6.7	7.3	8.1	8.7
245.0	4.6	5.1	5.5	5.6	6.0	6.3	6.6	7.4	8.2	8.7
250.0	4.7	5.3	5.7	5.8	6.0	6.4	6.6	7.3	8.3	8.7
255.0	4.7	5.4	5.8	5.9	6.0	6.4	6.7	7.3	8.4	8.7
260.0	4.8	5.5	6.0	6.1	6.1	6.4	6.9	7.3	8.4	8.9
265.0	4.9	5.5	6.0	6.1	6.1	6.3	6.8	7.3	8.3	8.9
270.0	5.0	5.6	6.0	6.2	6.1	6.3	6.7	7.2	8.2	8.8
275.0	5.0	5.5	6.0	6.2	6.1	6.3	6.8	7.3	8.3	8.8
280.0	4.8	5.4	5.9	6.1	6.1	6.4	6.8	7.3	8.4	8.9
285.0	4.8	5.3	5.8	5.9	5.9	6.3	6.6	7.2	8.5	9.0
290.0	4.7	5.3	5.7	5.7	5.9	6.2	6.5	7.1	8.4	8.7
295.0	4.7	5.1	5.5	5.6	5.9	6.2	6.5	7.2	8.2	8.6
300.0	4.7	5.2	5.5	5.7	6.0	6.3	6.6	7.4	8.2	8.6
305.0	4.7	5.3	5.6	5.9	6.1	6.4	6.7	7.3	8.1	8.5
310.0	4.6	5.2	5.7	5.9	6.2	6.5	6.8	7.3	7.9	8.3
315.0	4.4	5.1	5.7	6.0	6.2	6.5	6.8	7.4	7.9	8.4
320.0	4.3	4.8	5.2	5.6	6.0	6.4	6.8	7.3	7.9	8.6
325.0	4.1	4.7	5.3	5.7	5.9	6.3	6.8	7.4	8.1	8.7
330.0	4.3	4.8	5.2	5.7	6.2	6.5	6.9	7.4	8.1	8.8
335.0	4.6	5.1	5.6	6.0	6.2	6.6	7.0	7.5	8.3	8.9
340.0	4.7	5.2	5.7	6.1	6.4	6.6	6.9	7.5	8.2	8.8
345.0	4.7	5.4	5.8	6.1	6.3	6.6	6.9	7.3	8.1	8.7
350.0	4.5	5.2	5.7	6.2	6.6	6.8	6.9	7.3	7.8	8.8
355.0	4.5	4.6	5.2	6.1	6.5	6.9	7.1	7.5	7.7	8.6
360.0	5.9	6.4	6.5	6.5	7.3	8.0	8.3	8.6	8.9	9.3

C\γ	**175.0**	**177.5**	**180.0**
0.0	9.6	9.6	9.0
5.0	8.9	9.3	9.0
10.0	9.6	9.9	9.0
15.0	9.9	10.0	9.0
20.0	9.7	9.9	9.0
25.0	9.7	9.9	9.0

Photometric Data Table [cd]

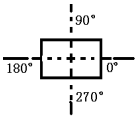
30.0	9.5	9.7	9.0
35.0	9.3	9.4	9.0
40.0	9.1	8.9	9.0
45.0	8.6	8.5	9.0
50.0	8.5	8.6	9.0
55.0	8.8	8.9	9.0
60.0	8.8	8.9	9.0
65.0	8.7	8.8	9.0
70.0	8.8	8.9	9.0
75.0	8.9	9.0	9.0
80.0	9.1	9.1	9.0
85.0	9.3	9.3	9.0
90.0	9.1	9.2	9.0
95.0	9.1	9.2	9.0
100.0	9.1	9.2	9.0
105.0	9.0	9.1	9.0
110.0	9.0	9.1	9.0
115.0	8.9	9.1	9.0
120.0	9.0	9.1	9.0
125.0	8.8	8.8	9.0
130.0	8.6	8.7	9.0
135.0	8.6	8.6	9.0
140.0	9.0	9.0	9.0
145.0	9.6	9.6	9.0
150.0	9.8	9.8	9.0
155.0	9.8	10.0	9.0
160.0	9.5	9.8	9.0
165.0	9.5	9.7	9.0
170.0	9.9	10.1	9.0
175.0	9.9	10.0	9.0
180.0	9.4	9.3	9.0
185.0	9.4	9.3	9.0
190.0	9.6	9.6	9.0
195.0	9.6	9.5	9.0
200.0	9.2	9.5	9.0
205.0	9.1	9.4	9.0
210.0	9.1	9.4	9.0
215.0	8.9	9.1	9.0
220.0	8.8	8.7	9.0
225.0	8.6	8.3	9.0
230.0	8.6	8.3	9.0
235.0	8.5	8.3	9.0
240.0	8.8	8.4	9.0
245.0	8.8	8.3	9.0
250.0	8.8	8.5	9.0
255.0	8.9	8.7	9.0
260.0	8.9	8.7	9.0
265.0	9.1	8.9	9.0
270.0	9.0	8.8	9.0

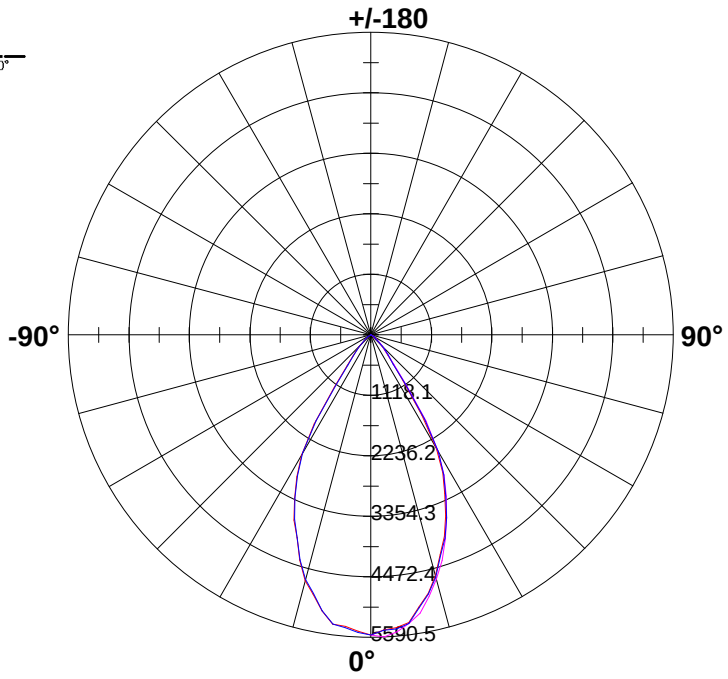
Photometric Data Table [cd]

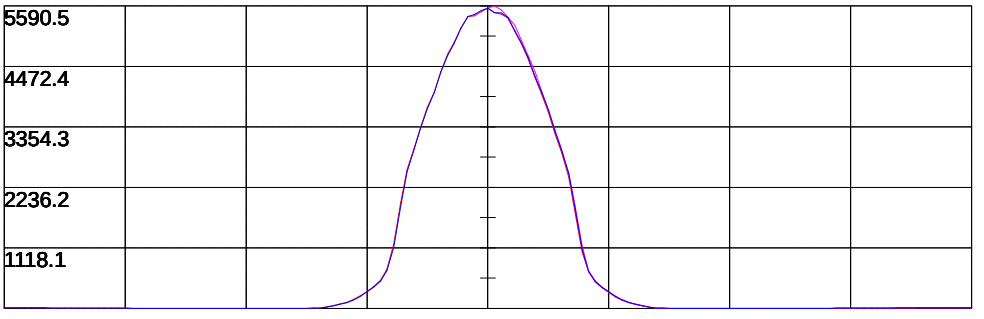
275.0	9.0	8.7	9.0
280.0	9.0	8.7	9.0
285.0	9.0	8.7	9.0
290.0	8.7	8.4	9.0
295.0	8.5	8.2	9.0
300.0	8.5	8.0	9.0
305.0	8.4	8.0	9.0
310.0	8.3	7.9	9.0
315.0	8.3	7.8	9.0
320.0	8.4	8.0	9.0
325.0	8.7	8.5	9.0
330.0	8.9	8.8	9.0
335.0	9.0	9.0	9.0
340.0	9.2	9.4	9.0
345.0	9.2	9.4	9.0
350.0	9.5	9.5	9.0
355.0	9.5	9.6	9.0
360.0	9.6	9.6	9.0

Light Distribution Curve [Unit: cd]

Luminaire



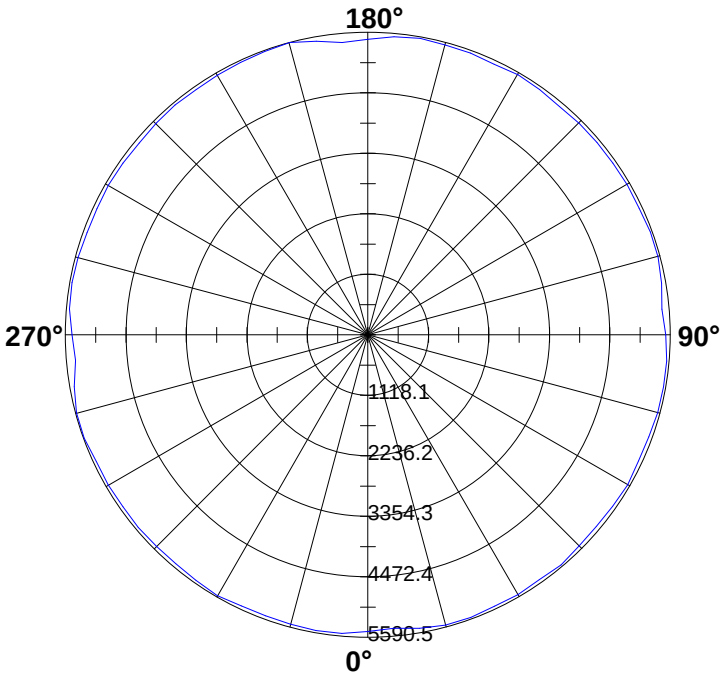


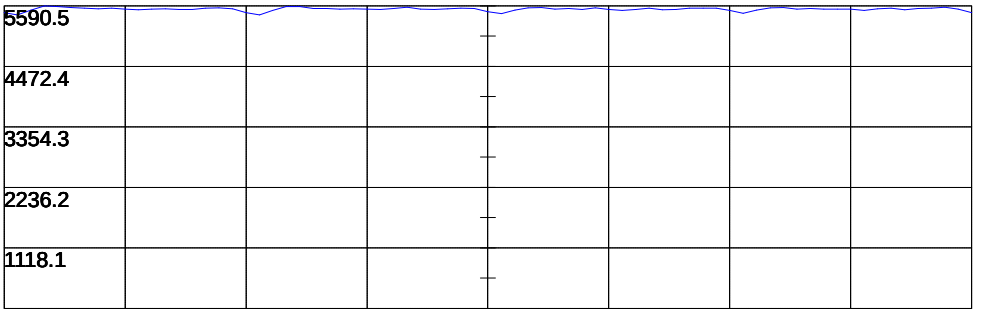


Light Distribution Curve (Linear)

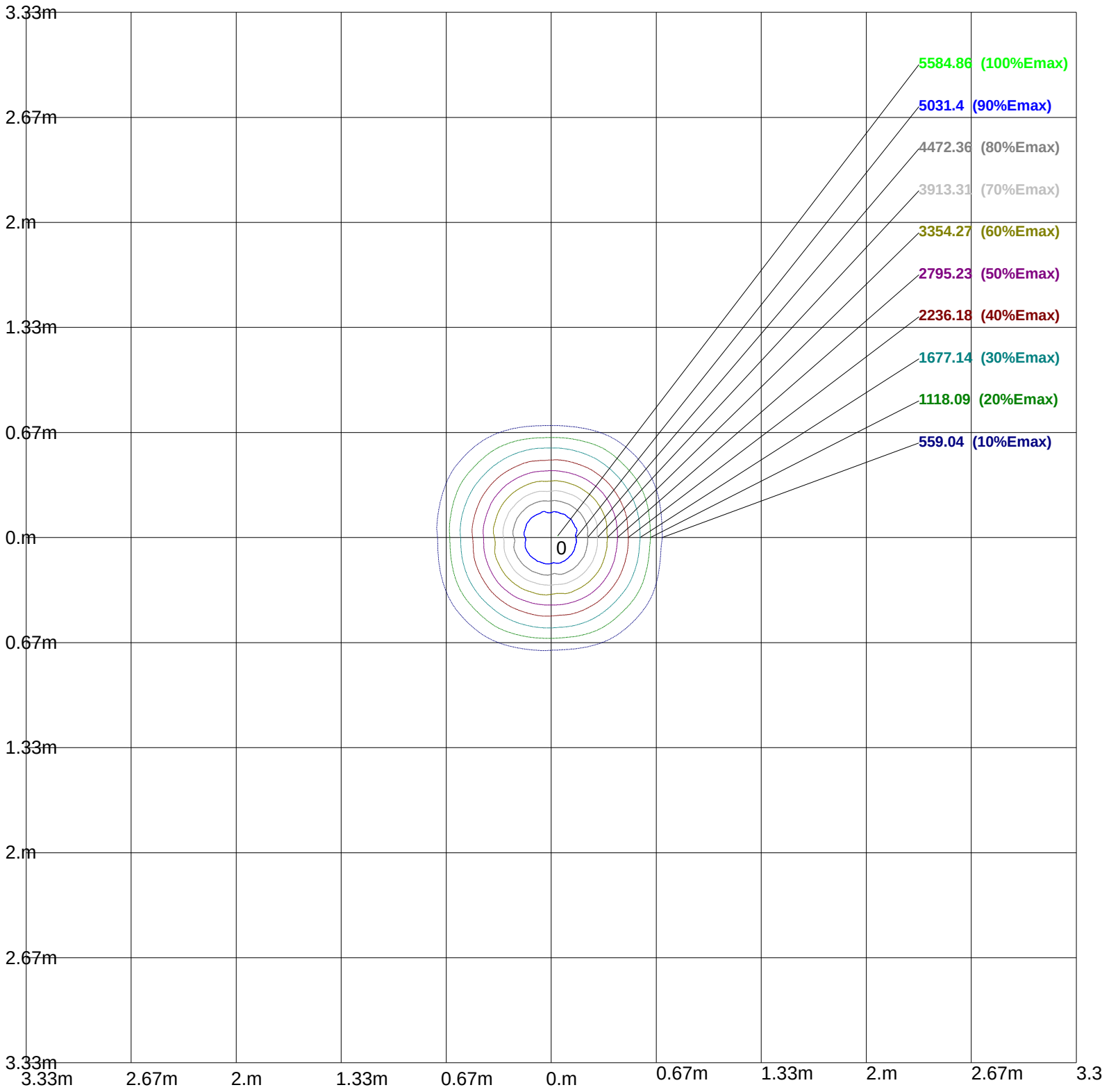
(cd) | C0/C180: C90/C270: C15:

Max Plane Light Distribution Curve [Unit: cd]



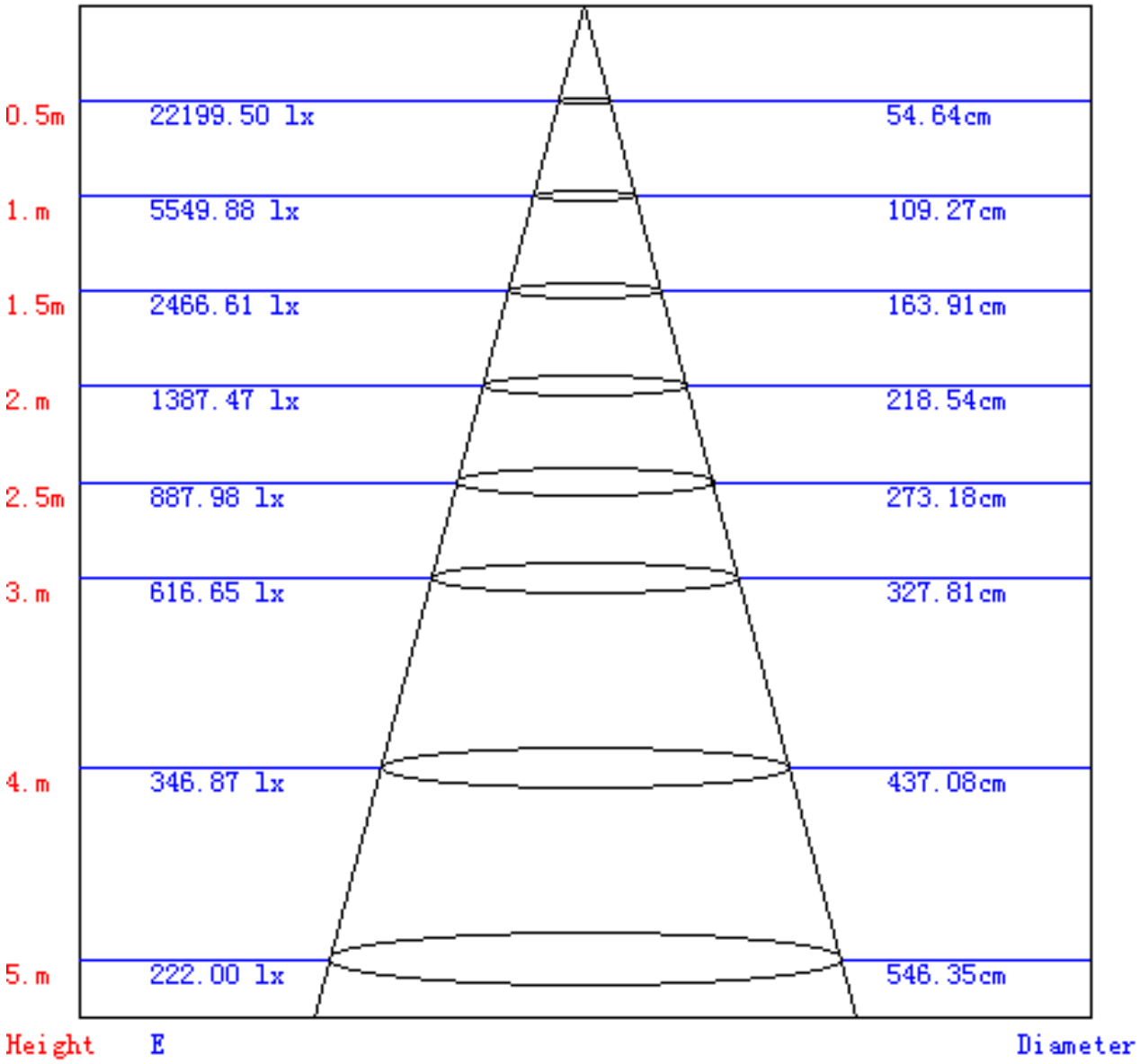


Iso-Lux[lx]



Height: 1 m
Max Illuminance : 5590.45lx

Lux-Distance Curve



Beam Angle:57.70°

Utilization Coefficient Table

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	COEFFCIENTS 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	1.14	1.13	1.13	1.12	1.11	1.11	1.08	1.07	1.06	1.03	1.01	1.00	0.95	0.94	0.93	0.88
2	1.07	1.06	1.05	1.05	1.04	1.03	1.02	1.00	0.98	0.97	0.95	0.93	0.91	0.89	0.87	0.82
3	1.00	0.98	0.97	0.99	0.97	0.95	0.95	0.93	0.91	0.91	0.89	0.86	0.86	0.83	0.81	0.76
4	0.93	0.92	0.91	0.92	0.90	0.89	0.90	0.87	0.85	0.86	0.83	0.80	0.82	0.78	0.75	0.71
5	0.87	0.86	0.85	0.86	0.84	0.83	0.84	0.81	0.79	0.81	0.78	0.75	0.78	0.74	0.70	0.67
6	0.82	0.80	0.79	0.81	0.79	0.78	0.79	0.76	0.74	0.77	0.73	0.70	0.74	0.69	0.66	0.62
7	0.77	0.75	0.74	0.76	0.74	0.73	0.75	0.71	0.69	0.73	0.69	0.66	0.70	0.65	0.62	0.58
8	0.72	0.71	0.70	0.72	0.70	0.68	0.70	0.67	0.65	0.69	0.65	0.62	0.66	0.62	0.58	0.55
9	0.68	0.67	0.66	0.68	0.66	0.64	0.67	0.63	0.61	0.65	0.61	0.58	0.63	0.58	0.55	0.52
10	0.65	0.63	0.62	0.64	0.62	0.61	0.63	0.60	0.58	0.62	0.58	0.55	0.60	0.55	0.52	0.49

Budgetary Estimate Chart			
Light Flux	4575.90 lmlm		
Maintenance	0.8/0.8		
Aver E	200lx		
Work Plane H	0		
Place Name	Cel	Wall	Floor
Reflect1	0.7	0.5	0.2
Reflect2	0.5	0.3	0.2