Luminaire Property

Luminaire:

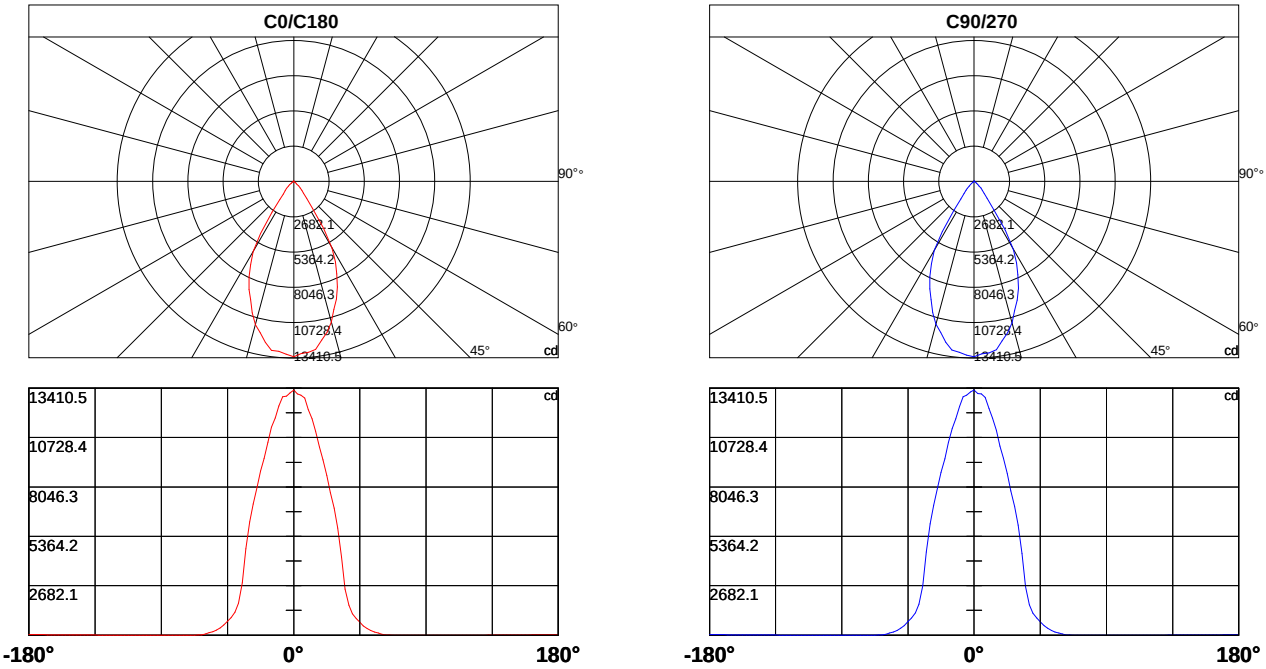
Report NO.:
Test NO.:
Lamp: [LAMP]JU-2017-2019-120W
Sum Lumens: 10976.78 lm
Number of Lamps: 1
Diameter: 0mm
Length: 500mm
Photometric Type: Type C

Voltage: 220.7 V
Current: 0.5936 A
Power: 122.1 W
Power Factor: 0.932
Ballast Type:
Width: 500mm
Height: 480mm
Remark:

Photometric Results

Lumens: 10976.78 lm
Efficiency: 100%
Central Intensity: 13313.18cd
Maximum Intensity: 13410.5cd
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	13313.2	13102.8	13034.1	12866.5	12256.5	11735.8	11064.8	10206.5	9507.0	8671.4
5.0	13313.2	13005.8	12969.1	12835.5	12177.9	11734.1	11012.1	10209.0	9451.9	8690.0
10.0	13313.2	13216.4	13124.4	12874.2	12354.6	11857.3	11078.0	10331.4	9564.3	8712.5
15.0	13313.2	13410.5	13215.4	12911.5	12538.3	11891.3	11205.5	10488.9	9644.7	8779.6
20.0	13313.2	13369.7	13225.5	12933.9	12551.4	11907.6	11220.5	10518.9	9708.7	8825.7
25.0	13313.2	13335.1	13228.2	12934.0	12454.8	11921.9	11249.9	10510.9	9712.5	8837.1
30.0	13313.2	13306.4	13215.3	12919.9	12496.2	11943.3	11245.6	10487.5	9728.6	8917.6
35.0	13313.2	13280.9	13147.1	12910.4	12481.8	11966.8	11219.9	10543.0	9746.5	8900.9
40.0	13313.2	13310.6	13229.7	12992.9	12543.5	11978.3	11294.4	10580.1	9783.0	8955.4
45.0	13313.2	13270.1	13221.0	12906.6	12555.6	11919.0	11285.5	10515.2	9775.1	8931.0
50.0	13313.2	13242.0	13189.5	12924.5	12478.7	11919.8	11239.5	10521.6	9752.5	8927.3
55.0	13313.2	13262.1	13217.7	12939.5	12509.1	11906.3	11235.3	10523.1	9714.4	8918.9
60.0	13313.2	13277.3	13225.1	12929.7	12547.4	11891.9	11289.0	10509.3	9727.5	8905.1
65.0	13313.2	13253.7	13163.0	12944.0	12472.3	11910.9	11213.9	10485.9	9707.2	8877.9
70.0	13313.2	13252.9	13167.4	12884.5	12444.4	11864.1	11147.2	10434.2	9677.2	8832.2
75.0	13313.2	13303.2	13195.6	12908.2	12488.0	11874.3	11178.8	10458.7	9689.9	8816.0
80.0	13313.2	13322.9	13205.9	12909.7	12474.0	11865.3	11159.7	10458.0	9659.2	8764.0
85.0	13313.2	13285.2	13196.7	12928.2	12469.9	11853.2	11178.5	10417.7	9668.5	8793.2
90.0	13313.2	13114.2	13093.8	12899.3	12293.1	11778.3	11120.0	10266.5	9594.0	8780.3
95.0	13313.2	13009.0	12984.9	12894.4	12236.1	11787.5	11052.9	10281.7	9551.5	8794.7
100.0	13313.2	13214.4	13137.7	12924.9	12389.3	11894.3	11120.7	10404.7	9683.3	8832.9
105.0	13313.2	13374.7	13251.9	12960.3	12583.2	11952.8	11257.6	10540.6	9776.4	8921.2
110.0	13313.2	13386.4	13267.2	12973.1	12596.4	11979.5	11284.8	10591.9	9803.5	8965.9
115.0	13313.2	13291.8	13231.9	12997.3	12519.5	11985.6	11350.2	10609.2	9836.0	9006.1
120.0	13313.2	13295.7	13193.4	13000.2	12571.8	12022.8	11346.0	10672.2	9862.8	9059.2
125.0	13313.2	13270.9	13189.6	13020.0	12591.7	12080.6	11406.7	10691.1	9908.1	9040.5
130.0	13313.2	13284.0	13214.6	13017.2	12622.2	12056.1	11427.5	10677.9	9950.5	9100.4
135.0	13313.2	13264.1	13227.3	12987.3	12663.9	12052.3	11433.3	10714.3	9949.4	9122.6
140.0	13313.2	13249.3	13210.9	12990.8	12657.7	12052.8	11464.2	10662.0	9969.3	9118.2
145.0	13313.2	13292.1	13225.4	13012.4	12641.0	12088.5	11462.7	10743.8	9964.6	9168.2
150.0	13313.2	13356.7	13243.1	13067.6	12696.0	12132.1	11498.7	10767.6	9955.1	9166.3
155.0	13313.2	13262.3	13199.7	13031.3	12633.6	12084.5	11457.5	10688.6	9931.6	9065.5
160.0	13313.2	13253.3	13192.9	13032.4	12612.8	12061.2	11459.0	10724.9	9883.8	9055.8
165.0	13313.2	13283.6	13233.0	13016.0	12604.6	12063.5	11406.3	10704.9	9853.7	9033.4
170.0	13313.2	13314.3	13261.4	12994.8	12633.7	12096.7	11416.4	10685.1	9908.9	9059.3
175.0	13313.2	13293.7	13192.5	12971.4	12588.4	12017.3	11384.2	10639.9	9836.8	9020.3
180.0	13313.2	13154.1	12972.5	12942.2	12433.5	11789.8	11281.0	10480.4	9584.4	8900.3
185.0	13313.2	13065.2	12941.6	12893.0	12381.3	11684.3	11278.3	10421.9	9504.1	8939.0
190.0	13313.2	13218.0	13119.1	12936.3	12517.6	11873.9	11323.8	10549.7	9670.0	9023.8
195.0	13313.2	13326.6	13266.9	13007.9	12544.9	12087.7	11385.8	10652.2	9884.3	9027.1
200.0	13313.2	13331.5	13294.7	13007.6	12631.2	12119.8	11405.8	10690.5	9946.6	9049.4
205.0	13313.2	13274.1	13209.9	12987.9	12626.9	12089.6	11400.4	10695.2	9925.9	9093.2
210.0	13313.2	13295.7	13171.8	12991.5	12639.0	12073.0	11466.4	10693.7	9938.7	9127.5
215.0	13313.2	13256.4	13204.0	12959.4	12616.2	12094.0	11399.1	10692.6	9961.6	9177.9
220.0	13313.2	13321.9	13209.4	13044.6	12642.8	12064.3	11447.1	10757.9	9990.0	9215.0
225.0	13313.2	13250.6	13192.6	13016.1	12612.4	12093.0	11420.4	10760.3	9960.2	9229.2
230.0	13313.2	13214.4	13216.3	12971.3	12589.0	12053.6	11386.7	10722.5	9961.1	9180.2
235.0	13313.2	13249.1	13209.4	12960.6	12569.8	12030.6	11376.5	10719.5	9908.9	9184.7

Photometric Data Table [cd]

240.0	13313.2	13300.7	13226.7	12973.4	12596.5	12033.3	11410.5	10694.2	9914.2	9157.6
245.0	13313.2	13235.9	13210.7	12946.5	12534.7	11984.5	11327.3	10624.1	9863.1	9034.5
250.0	13313.2	13252.4	13130.8	12939.1	12532.5	11967.1	11285.2	10557.2	9775.4	8995.0
255.0	13313.2	13310.8	13224.8	12968.5	12534.6	11973.3	11308.0	10558.4	9802.1	8967.9
260.0	13313.2	13310.0	13227.7	12925.2	12541.5	11964.4	11246.9	10521.6	9765.6	8889.5
265.0	13313.2	13300.3	13191.7	12953.3	12491.8	11906.7	11242.4	10499.3	9717.5	8863.9
270.0	13313.2	13207.5	13029.2	12933.8	12415.2	11747.5	11220.9	10457.5	9575.1	8839.8
275.0	13313.2	13081.8	12948.3	12894.5	12330.7	11617.3	11211.8	10349.3	9464.2	8874.3
280.0	13313.2	13216.9	13108.7	12888.5	12445.0	11789.8	11242.7	10441.4	9581.7	8921.2
285.0	13313.2	13320.4	13238.9	12946.0	12508.7	11980.7	11258.4	10552.3	9780.0	8922.1
290.0	13313.2	13331.3	13270.7	12940.0	12547.7	12017.9	11276.9	10563.9	9813.3	8929.3
295.0	13313.2	13263.1	13159.8	12914.9	12514.6	11979.5	11256.7	10544.5	9778.6	8959.5
300.0	13313.2	13288.1	13154.8	12929.1	12542.6	11946.4	11299.8	10568.0	9796.6	9017.0
305.0	13313.2	13263.1	13203.5	12892.9	12513.8	11984.4	11306.8	10563.8	9789.4	9029.7
310.0	13313.2	13262.6	13175.8	12933.3	12515.1	11931.6	11288.2	10553.4	9812.0	9000.2
315.0	13313.2	13257.2	13145.0	12912.2	12462.1	11929.0	11290.8	10545.1	9780.5	8988.2
320.0	13313.2	13209.7	13221.6	12813.5	12536.0	11857.3	11283.5	10490.4	9780.1	8954.6
325.0	13313.2	13276.7	13187.9	12891.0	12477.4	11881.9	11250.1	10491.0	9767.1	8895.0
330.0	13313.2	13314.5	13208.3	12915.1	12463.7	11938.0	11226.6	10497.0	9732.9	8877.7
335.0	13313.2	13234.5	13162.2	12870.6	12442.9	11864.2	11165.8	10426.3	9655.2	8814.0
340.0	13313.2	13292.5	13165.9	12840.4	12387.7	11821.4	11184.1	10407.1	9602.3	8766.9
345.0	13313.2	13299.6	13140.6	12854.3	12378.2	11772.1	11097.8	10371.9	9544.1	8676.8
350.0	13313.2	13347.3	13213.4	12864.8	12420.1	11798.1	11060.5	10378.5	9555.5	8648.8
355.0	13313.2	13269.8	13108.8	12845.8	12337.2	11755.0	11048.3	10289.4	9461.0	8632.4
360.0	13313.2	13102.8	13034.1	12866.5	12256.5	11735.8	11064.8	10206.5	9507.0	8671.4

C\γ	**25.0**	**27.5**	**30.0**	**32.5**	**35.0**	**37.5**	**40.0**	**42.5**	**45.0**	**47.5**
0.0	7745.2	6892.5	5821.2	4228.5	2499.1	1620.1	1159.9	897.6	705.2	496.3
5.0	7719.5	6867.5	5841.9	4229.1	2518.1	1621.4	1155.9	898.2	703.6	497.9
10.0	7804.6	6905.2	5926.1	4363.0	2609.5	1630.0	1173.8	915.3	715.0	513.2
15.0	7911.7	7029.6	5990.1	4542.3	2757.2	1677.0	1201.6	932.7	732.3	529.4
20.0	7955.9	7036.1	6039.7	4722.8	2963.6	1748.3	1231.5	944.9	743.0	535.8
25.0	7947.9	7056.5	6072.7	4862.5	3202.8	1849.8	1264.5	962.1	749.9	539.6
30.0	7991.7	7077.3	6078.8	4923.2	3404.3	1971.3	1320.1	975.2	755.1	542.8
35.0	8036.2	7075.0	6071.0	4932.5	3479.8	2049.5	1343.9	981.7	757.4	549.9
40.0	8090.7	7098.8	6078.9	4911.3	3481.1	2069.5	1377.3	987.8	763.7	558.3
45.0	8101.9	7124.4	6082.9	4881.4	3467.5	2082.5	1378.6	991.6	767.6	559.5
50.0	8074.3	7124.1	6091.2	4919.6	3490.8	2091.0	1378.1	993.1	765.0	561.3
55.0	8043.2	7114.3	6105.2	4972.1	3522.4	2067.2	1368.9	989.0	764.0	557.4
60.0	8053.9	7131.2	6124.8	4976.5	3455.5	1987.9	1324.7	978.2	764.2	553.4
65.0	7996.5	7083.3	6095.0	4903.7	3269.3	1869.3	1296.1	965.8	756.0	547.2
70.0	7948.2	7051.1	6061.7	4760.9	3034.6	1767.8	1238.8	949.5	746.9	548.1
75.0	7933.1	7063.5	6037.2	4643.4	2851.6	1701.4	1215.5	941.4	742.2	543.5
80.0	7926.8	7051.5	6011.2	4534.4	2718.7	1669.9	1206.8	936.4	736.5	529.3
85.0	7908.0	7059.0	6006.3	4472.4	2654.3	1653.4	1201.5	929.1	731.7	519.8
90.0	7834.3	6982.9	5973.0	4422.0	2626.9	1635.3	1192.9	925.4	726.7	517.1
95.0	7815.0	6955.2	6011.7	4445.0	2665.0	1637.7	1188.8	929.9	730.5	522.4
100.0	7937.0	7017.0	6114.0	4606.4	2781.4	1686.5	1209.4	945.8	746.0	544.6

Photometric Data Table [cd]

105.0	8054.6	7175.1	6175.9	4794.1	2969.2	1753.8	1246.6	964.6	764.8	568.8
110.0	8109.7	7225.6	6225.4	4978.3	3209.4	1850.2	1306.4	984.1	777.5	581.5
115.0	8133.8	7242.4	6276.4	5109.8	3484.9	1983.6	1342.7	1001.8	788.5	587.5
120.0	8183.6	7271.5	6315.5	5194.5	3724.1	2158.6	1410.6	1023.5	799.7	589.3
125.0	8269.4	7316.3	6342.7	5223.9	3838.6	2300.7	1456.2	1040.3	807.2	591.5
130.0	8311.2	7350.9	6373.0	5214.1	3827.6	2351.1	1500.8	1049.6	815.2	598.6
135.0	8309.3	7376.4	6369.9	5203.4	3823.6	2380.9	1513.3	1060.4	822.2	603.9
140.0	8294.7	7375.8	6372.2	5230.8	3859.1	2388.7	1521.1	1059.6	825.2	605.3
145.0	8303.8	7371.1	6409.2	5298.8	3934.6	2404.3	1517.8	1064.9	823.3	606.3
150.0	8277.4	7394.9	6414.8	5322.9	3900.2	2300.7	1474.6	1055.1	820.7	607.0
155.0	8237.5	7354.1	6379.4	5276.0	3718.3	2138.3	1420.5	1037.0	812.3	605.8
160.0	8201.4	7322.1	6368.1	5181.0	3508.8	1999.3	1361.6	1017.7	801.2	601.1
165.0	8177.4	7307.5	6370.0	5066.2	3289.4	1898.8	1333.7	998.1	789.9	593.7
170.0	8191.1	7317.3	6346.0	4978.8	3154.7	1850.7	1315.0	988.7	784.2	588.0
175.0	8152.2	7293.5	6291.0	4893.2	3059.5	1818.8	1282.9	984.2	777.2	583.0
180.0	8020.8	7109.9	6149.8	4693.7	2839.3	1740.7	1245.2	953.9	753.7	548.0
185.0	7984.9	7080.7	6161.8	4720.8	2864.4	1739.2	1248.8	949.8	753.2	552.0
190.0	8089.2	7180.1	6233.3	4837.7	2999.0	1788.0	1260.6	968.4	767.8	564.1
195.0	8154.1	7319.6	6310.1	4983.8	3191.9	1857.7	1288.2	989.8	783.3	576.4
200.0	8202.3	7353.5	6352.6	5129.9	3422.9	1955.6	1321.4	1008.7	795.4	582.3
205.0	8225.8	7353.5	6408.3	5257.6	3656.3	2100.0	1370.7	1024.9	803.1	584.8
210.0	8258.0	7359.8	6423.2	5325.7	3837.4	2277.7	1425.5	1039.9	806.7	590.2
215.0	8309.9	7373.9	6426.0	5298.4	3891.6	2381.4	1454.9	1048.6	811.7	595.3
220.0	8357.0	7419.9	6424.9	5257.9	3857.9	2392.8	1462.2	1055.9	818.2	599.9
225.0	8326.6	7432.0	6365.9	5233.4	3813.8	2379.2	1456.6	1052.2	816.1	599.3
230.0	8313.4	7397.0	6356.0	5234.0	3827.4	2356.6	1446.5	1046.8	814.5	594.9
235.0	8278.8	7373.5	6368.8	5250.4	3839.7	2322.1	1426.2	1036.9	806.2	592.8
240.0	8265.7	7350.7	6363.6	5252.5	3743.4	2198.2	1390.6	1029.2	798.7	590.9
245.0	8192.4	7260.0	6328.8	5138.5	3516.5	2030.3	1335.9	1005.0	788.0	587.3
250.0	8089.9	7211.0	6268.1	5000.5	3248.5	1887.1	1291.5	979.1	774.7	577.4
255.0	8074.0	7193.9	6201.5	4843.1	3027.3	1790.2	1254.2	966.7	763.0	547.8
260.0	8050.7	7195.1	6155.0	4693.0	2873.6	1735.5	1233.4	953.6	751.6	528.7
265.0	8031.6	7155.3	6104.3	4576.8	2778.5	1704.6	1221.5	940.7	742.9	520.6
270.0	7985.3	7052.0	6050.6	4519.9	2691.6	1673.4	1204.6	930.1	735.5	515.6
275.0	7922.9	7003.0	6039.6	4520.2	2691.3	1658.3	1201.4	926.3	735.2	516.1
280.0	7987.2	7091.8	6095.9	4595.3	2776.1	1685.2	1212.2	937.2	747.6	527.5
285.0	8040.2	7206.3	6167.9	4781.3	2946.2	1743.7	1234.4	956.1	760.3	560.1
290.0	8095.3	7206.8	6211.9	4906.4	3138.3	1823.5	1260.0	973.3	766.3	573.0
295.0	8116.9	7197.0	6228.2	5022.3	3356.2	1930.1	1294.8	983.4	771.0	572.6
300.0	8115.8	7199.2	6227.5	5031.7	3505.9	2050.0	1329.5	990.7	774.1	568.6
305.0	8163.4	7203.0	6193.7	4989.9	3531.7	2108.3	1344.3	996.3	776.4	568.4
310.0	8130.6	7182.3	6139.3	4915.1	3497.9	2116.4	1342.0	998.9	776.2	566.7
315.0	8135.7	7156.0	6106.5	4886.3	3463.7	2105.2	1339.3	998.5	776.6	564.8
320.0	8091.4	7139.5	6090.5	4918.0	3456.4	2086.2	1326.3	991.5	773.0	560.2
325.0	8066.1	7089.7	6116.2	4917.4	3444.5	2031.1	1312.6	984.4	763.9	552.8
330.0	8018.9	7085.0	6099.7	4873.1	3301.1	1926.4	1285.3	973.6	757.1	544.5
335.0	7915.0	7029.4	6014.7	4736.5	3051.4	1794.1	1240.7	952.2	743.4	535.3
340.0	7877.4	6975.0	5958.4	4542.9	2814.5	1693.2	1202.1	932.9	731.0	528.1
345.0	7820.8	6937.7	5891.4	4374.5	2615.2	1615.3	1172.6	912.2	719.9	519.4

Photometric Data Table [cd]

350.0	7811.4	6920.1	5822.5	4210.1	2498.1	1575.6	1154.8	905.1	711.7	497.8
355.0	7791.4	6865.4	5753.8	4116.6	2425.8	1553.5	1146.5	898.5	700.8	488.7
360.0	7745.2	6892.5	5821.2	4228.5	2499.1	1620.1	1159.9	897.6	705.2	496.3

C\γ	**50.0**	**52.5**	**55.0**	**57.5**	**60.0**	**62.5**	**65.0**	**67.5**	**70.0**	**72.5**
0.0	352.2	245.6	166.5	110.2	52.5	11.6	4.9	2.6	2.1	1.7
5.0	351.6	242.8	166.5	109.0	51.4	11.9	4.9	2.5	2.1	1.7
10.0	357.5	244.9	169.8	109.8	51.4	13.4	5.0	2.5	2.0	1.7
15.0	363.3	248.7	173.9	112.0	52.5	14.9	5.2	2.5	2.0	1.6
20.0	368.8	253.2	176.3	110.8	53.1	15.8	5.3	2.5	2.0	1.6
25.0	370.2	259.4	175.6	108.2	53.9	17.7	5.8	2.4	2.0	1.6
30.0	377.2	261.8	175.2	106.7	54.7	19.6	7.0	2.4	2.0	1.6
35.0	385.1	266.7	175.5	105.9	56.1	21.4	8.1	2.4	2.0	1.6
40.0	392.5	274.2	176.9	107.3	58.6	23.1	8.8	2.4	2.0	1.6
45.0	396.7	275.8	178.0	108.6	60.0	24.0	9.1	2.4	2.0	1.6
50.0	394.4	276.9	180.1	109.2	59.9	23.8	9.1	2.5	2.0	1.6
55.0	391.4	272.2	182.8	111.0	59.2	23.2	8.8	2.5	2.0	1.6
60.0	389.8	270.4	183.8	113.4	59.3	22.3	8.3	2.5	2.0	1.6
65.0	382.4	268.7	185.3	116.8	59.9	20.9	7.1	2.5	2.0	1.6
70.0	376.3	262.1	185.0	121.0	59.3	17.9	6.1	2.5	2.0	1.6
75.0	372.6	259.6	181.3	120.1	56.7	15.4	5.7	2.5	2.0	1.7
80.0	371.7	257.6	180.4	118.5	56.2	13.6	5.4	2.6	2.1	1.7
85.0	371.8	258.4	179.9	117.6	56.4	12.4	5.0	2.6	2.1	1.7
90.0	374.1	259.1	178.4	117.4	56.8	11.9	4.9	2.6	2.2	1.8
95.0	374.1	260.2	179.7	119.1	58.4	12.6	5.2	2.7	2.2	1.8
100.0	380.1	263.7	185.0	123.3	61.2	14.7	5.9	2.8	2.3	1.9
105.0	387.4	270.5	190.4	130.0	65.2	18.1	6.6	2.9	2.4	2.0
110.0	396.3	280.6	199.7	134.6	70.3	23.3	7.5	3.0	2.5	2.0
115.0	409.5	288.7	203.3	133.9	72.3	28.5	9.3	3.1	2.6	2.1
120.0	419.3	296.3	205.7	133.8	74.8	31.2	11.4	3.2	2.6	2.1
125.0	423.8	300.4	208.6	134.4	76.2	33.5	12.3	3.3	2.7	2.2
130.0	427.3	306.4	210.5	135.3	77.9	35.8	13.5	3.3	2.7	2.2
135.0	429.3	310.1	211.5	137.1	79.7	38.0	14.4	3.3	2.7	2.2
140.0	429.8	305.6	211.9	137.1	78.8	37.0	14.3	3.3	2.7	2.2
145.0	428.2	303.4	210.5	138.0	78.4	34.9	13.4	3.3	2.7	2.2
150.0	427.4	300.1	209.1	138.7	77.2	32.8	12.2	3.2	2.6	2.1
155.0	420.6	293.9	208.2	140.1	76.5	30.8	11.1	3.1	2.5	2.1
160.0	410.7	291.8	207.3	141.9	77.5	28.6	9.5	3.1	2.5	2.0
165.0	403.7	282.1	204.5	140.9	77.7	24.9	8.3	3.0	2.4	2.0
170.0	401.0	278.5	199.0	138.5	76.0	21.0	7.5	2.9	2.4	1.9
175.0	399.6	277.8	195.5	136.0	73.2	18.0	7.1	2.8	2.3	1.9
180.0	388.0	267.4	188.6	126.8	65.2	14.7	6.8	3.2	2.6	2.2
185.0	385.5	264.8	188.1	126.0	63.7	15.7	6.6	3.1	2.6	2.1
190.0	389.0	267.2	188.9	127.3	63.7	17.7	6.8	3.1	2.6	2.1
195.0	395.8	271.8	192.0	127.6	63.6	19.5	7.1	3.1	2.5	2.1
200.0	402.5	277.0	194.3	125.5	62.6	20.9	7.4	3.1	2.5	2.1
205.0	406.5	280.6	193.9	121.3	62.5	22.4	8.0	3.1	2.5	2.0
210.0	409.8	283.4	193.2	119.1	62.3	24.0	8.8	3.1	2.5	2.1

Photometric Data Table [cd]

215.0	414.1	285.2	193.9	118.6	63.1	25.4	9.4	3.1	2.5	2.0
220.0	422.5	292.7	194.9	118.8	65.0	26.7	9.9	3.1	2.5	2.1
225.0	424.4	295.3	193.8	118.8	66.4	27.9	10.3	3.1	2.5	2.1
230.0	422.6	293.2	194.1	119.4	66.3	27.9	10.2	3.2	2.6	2.1
235.0	419.4	286.8	194.4	121.3	65.7	27.1	9.8	3.1	2.6	2.1
240.0	411.5	283.1	191.8	120.8	65.1	25.9	9.2	3.1	2.6	2.1
245.0	401.3	274.6	191.2	121.9	63.7	23.1	7.9	3.2	2.6	2.1
250.0	388.9	263.3	183.4	121.4	59.3	18.0	6.8	3.1	2.6	2.1
255.0	381.1	258.5	179.5	115.9	55.3	15.1	6.3	3.2	2.6	2.1
260.0	375.4	254.5	177.2	113.6	53.2	13.6	5.8	3.2	2.6	2.2
265.0	371.5	252.7	174.6	110.7	50.8	12.2	5.3	3.2	2.7	2.2
270.0	368.1	249.8	173.1	109.3	49.6	11.5	5.1	3.2	2.7	2.2
275.0	368.1	251.0	174.7	111.4	52.1	12.3	5.4	3.3	2.7	2.2
280.0	374.6	254.8	178.5	115.3	55.0	14.1	6.0	3.3	2.8	2.3
285.0	382.1	262.0	181.5	119.4	57.1	16.0	6.6	3.4	2.8	2.3
290.0	390.0	266.9	187.2	124.2	61.8	19.7	7.2	3.5	2.9	2.4
295.0	399.4	274.8	189.9	120.7	63.6	24.0	8.5	3.5	2.9	2.4
300.0	405.7	277.1	188.6	118.1	63.8	25.9	10.6	3.6	3.0	2.4
305.0	402.3	279.5	189.6	116.6	64.0	26.8	11.4	3.6	3.0	2.5
310.0	402.6	281.3	186.6	115.2	64.8	27.3	11.9	3.6	3.0	2.5
315.0	400.7	279.1	183.9	114.6	64.8	27.2	11.7	3.7	3.0	2.5
320.0	396.3	272.7	182.3	112.6	61.9	25.8	11.5	3.6	3.0	2.5
325.0	388.7	265.1	179.1	111.1	58.9	23.6	10.3	3.6	3.0	2.4
330.0	383.3	260.6	177.7	110.9	56.9	21.1	8.4	3.5	2.9	2.4
335.0	376.8	254.3	176.2	111.7	55.3	18.5	6.9	3.4	2.8	2.3
340.0	366.1	248.7	174.2	112.8	53.5	16.4	6.3	3.3	2.8	2.3
345.0	356.3	244.1	171.1	111.6	51.7	15.2	5.9	3.3	2.7	2.2
350.0	349.4	241.6	168.9	108.9	50.4	13.6	5.6	3.2	2.6	2.1
355.0	345.9	240.1	167.4	107.2	48.9	11.9	5.2	3.1	2.5	2.1
360.0	352.2	245.6	166.5	110.2	52.5	11.6	4.9	2.6	2.1	1.7

C\γ	**75.0**	**77.5**	**80.0**	**82.5**	**85.0**	**87.5**	**90.0**	**92.5**	**95.0**	**97.5**
0.0	1.4	1.1	0.9	0.7	0.5	0.3	0.3	0.2	0.2	0.2
5.0	1.4	1.1	0.8	0.6	0.5	0.3	0.2	0.2	0.2	0.2
10.0	1.3	1.0	0.8	0.6	0.5	0.3	0.2	0.2	0.2	0.2
15.0	1.3	1.1	0.8	0.6	0.5	0.3	0.3	0.2	0.2	0.2
20.0	1.3	1.0	0.8	0.6	0.5	0.3	0.3	0.2	0.2	0.2
25.0	1.3	1.0	0.8	0.6	0.5	0.3	0.3	0.2	0.2	0.2
30.0	1.3	1.0	0.8	0.6	0.5	0.3	0.3	0.2	0.2	0.2
35.0	1.3	1.0	0.8	0.6	0.5	0.3	0.3	0.2	0.2	0.2
40.0	1.3	1.0	0.8	0.6	0.5	0.3	0.3	0.2	0.2	0.2
45.0	1.3	1.0	0.8	0.6	0.5	0.3	0.2	0.2	0.2	0.2
50.0	1.3	1.0	0.8	0.6	0.5	0.3	0.3	0.2	0.2	0.2
55.0	1.3	1.0	0.8	0.6	0.5	0.3	0.3	0.2	0.2	0.2
60.0	1.3	1.0	0.8	0.6	0.5	0.3	0.3	0.2	0.2	0.2
65.0	1.3	1.1	0.8	0.6	0.5	0.3	0.3	0.2	0.2	0.2
70.0	1.3	1.1	0.8	0.6	0.5	0.3	0.2	0.2	0.2	0.2
75.0	1.4	1.1	0.9	0.7	0.5	0.3	0.2	0.2	0.2	0.2

Photometric Data Table [cd]

80.0	1.4	1.1	0.9	0.7	0.5	0.3	0.2	0.2	0.2	0.2
85.0	1.4	1.1	0.9	0.7	0.5	0.3	0.2	0.2	0.2	0.2
90.0	1.4	1.1	0.9	0.7	0.5	0.3	0.2	0.2	0.2	0.2
95.0	1.5	1.2	0.9	0.7	0.5	0.3	0.2	0.2	0.2	0.2
100.0	1.5	1.2	1.0	0.7	0.5	0.3	0.2	0.2	0.2	0.2
105.0	1.6	1.3	1.0	0.8	0.6	0.3	0.2	0.2	0.2	0.2
110.0	1.6	1.3	1.0	0.8	0.6	0.3	0.3	0.3	0.2	0.2
115.0	1.7	1.4	1.0	0.8	0.6	0.3	0.3	0.3	0.2	0.2
120.0	1.7	1.4	1.1	0.8	0.6	0.3	0.3	0.3	0.2	0.2
125.0	1.8	1.4	1.1	0.8	0.6	0.3	0.3	0.3	0.2	0.2
130.0	1.8	1.5	1.1	0.8	0.6	0.3	0.3	0.4	0.2	0.2
135.0	1.8	1.5	1.1	0.8	0.6	0.3	0.3	0.4	0.2	0.2
140.0	1.8	1.5	1.1	0.8	0.6	0.3	0.3	0.4	0.2	0.2
145.0	1.8	1.4	1.1	0.8	0.6	0.4	0.3	0.5	0.2	0.2
150.0	1.7	1.4	1.1	0.8	0.6	0.3	0.3	0.4	0.2	0.2
155.0	1.7	1.3	1.0	0.8	0.6	0.3	0.3	0.4	0.2	0.2
160.0	1.6	1.3	1.0	0.8	0.6	0.3	0.3	0.4	0.2	0.2
165.0	1.6	1.3	1.0	0.8	0.5	0.3	0.3	0.4	0.2	0.2
170.0	1.6	1.2	1.0	0.7	0.5	0.3	0.3	0.4	0.2	0.2
175.0	1.5	1.2	0.9	0.7	0.5	0.3	0.3	0.3	0.3	0.2
180.0	1.8	1.4	1.1	0.8	0.6	0.4	0.3	0.3	0.2	0.2
185.0	1.7	1.4	1.1	0.8	0.6	0.4	0.3	0.3	0.2	0.2
190.0	1.7	1.4	1.1	0.8	0.6	0.4	0.3	0.3	0.2	0.2
195.0	1.7	1.4	1.1	0.8	0.6	0.4	0.3	0.3	0.2	0.2
200.0	1.7	1.3	1.0	0.8	0.6	0.4	0.3	0.3	0.2	0.2
205.0	1.7	1.3	1.1	0.8	0.6	0.4	0.3	0.4	0.2	0.2
210.0	1.7	1.3	1.1	0.8	0.6	0.4	0.3	0.4	0.2	0.2
215.0	1.7	1.3	1.0	0.8	0.6	0.4	0.3	0.4	0.2	0.2
220.0	1.7	1.4	1.1	0.8	0.6	0.4	0.3	0.4	0.2	0.2
225.0	1.7	1.4	1.1	0.8	0.6	0.4	0.3	0.3	0.2	0.2
230.0	1.7	1.4	1.1	0.8	0.6	0.4	0.3	0.3	0.3	0.2
235.0	1.7	1.4	1.1	0.8	0.6	0.4	0.3	0.3	0.3	0.2
240.0	1.7	1.4	1.1	0.8	0.6	0.4	0.3	0.3	0.4	0.2
245.0	1.7	1.4	1.1	0.8	0.6	0.4	0.3	0.3	0.3	0.2
250.0	1.7	1.4	1.1	0.8	0.6	0.4	0.3	0.3	0.3	0.2
255.0	1.7	1.4	1.1	0.8	0.6	0.4	0.3	0.3	0.3	0.2
260.0	1.8	1.4	1.1	0.9	0.6	0.4	0.3	0.3	0.3	0.2
265.0	1.8	1.4	1.1	0.9	0.6	0.4	0.3	0.3	0.3	0.2
270.0	1.8	1.4	1.1	0.9	0.6	0.4	0.3	0.3	0.3	0.2
275.0	1.8	1.5	1.1	0.9	0.6	0.4	0.3	0.3	0.3	0.3
280.0	1.9	1.5	1.2	0.9	0.6	0.4	0.3	0.3	0.3	0.2
285.0	1.9	1.5	1.2	0.9	0.6	0.4	0.3	0.3	0.3	0.2
290.0	1.9	1.5	1.2	0.9	0.6	0.4	0.3	0.3	0.4	0.2
295.0	1.9	1.6	1.2	0.9	0.6	0.4	0.3	0.3	0.4	0.2
300.0	2.0	1.6	1.2	0.9	0.6	0.4	0.3	0.3	0.4	0.2
305.0	2.0	1.6	1.3	0.9	0.7	0.4	0.3	0.3	0.4	0.2
310.0	2.0	1.6	1.3	0.9	0.7	0.4	0.3	0.3	0.3	0.2
315.0	2.0	1.6	1.3	0.9	0.6	0.4	0.3	0.3	0.3	0.2
320.0	2.0	1.6	1.2	0.9	0.6	0.4	0.3	0.3	0.3	0.2

Photometric Data Table [cd]

325.0	2.0	1.6	1.2	0.9	0.6	0.4	0.3	0.3	0.3	0.2
330.0	1.9	1.5	1.2	0.9	0.6	0.3	0.3	0.3	0.2	0.2
335.0	1.9	1.5	1.2	0.9	0.6	0.3	0.3	0.3	0.2	0.2
340.0	1.9	1.5	1.1	0.9	0.6	0.4	0.3	0.2	0.2	0.2
345.0	1.8	1.4	1.1	0.8	0.6	0.3	0.3	0.2	0.2	0.2
350.0	1.7	1.4	1.1	0.8	0.6	0.3	0.2	0.2	0.2	0.2
355.0	1.7	1.3	1.0	0.8	0.6	0.3	0.2	0.2	0.2	0.2
360.0	1.4	1.1	0.9	0.7	0.5	0.3	0.3	0.2	0.2	0.2

C\γ	**100.0**	**102.5**	**105.0**	**107.5**	**110.0**	**112.5**	**115.0**	**117.5**	**120.0**	**122.5**
0.0	0.2	0.2	0.2	0.3	0.5	0.7	0.9	1.1	1.4	1.8
5.0	0.2	0.2	0.2	0.3	0.5	0.7	0.9	1.1	1.4	1.8
10.0	0.2	0.2	0.2	0.3	0.5	0.7	0.9	1.1	1.5	1.9
15.0	0.2	0.2	0.3	0.3	0.5	0.7	0.9	1.1	1.5	1.9
20.0	0.2	0.2	0.2	0.3	0.5	0.7	0.9	1.1	1.5	1.9
25.0	0.2	0.2	0.2	0.3	0.5	0.7	0.9	1.1	1.5	2.0
30.0	0.2	0.2	0.3	0.3	0.5	0.7	0.9	1.1	1.5	2.0
35.0	0.2	0.2	0.3	0.3	0.5	0.7	0.9	1.1	1.5	2.0
40.0	0.2	0.2	0.3	0.3	0.5	0.7	0.9	1.1	1.5	1.8
45.0	0.2	0.2	0.3	0.3	0.5	0.7	0.9	1.1	1.3	1.6
50.0	0.2	0.2	0.3	0.3	0.5	0.7	0.8	1.0	1.2	1.7
55.0	0.2	0.2	0.3	0.3	0.5	0.6	0.7	1.0	1.3	1.6
60.0	0.2	0.2	0.3	0.3	0.5	0.6	0.8	1.0	1.2	1.4
65.0	0.2	0.2	0.2	0.3	0.5	0.6	0.7	0.7	1.2	1.7
70.0	0.2	0.2	0.2	0.3	0.4	0.6	0.6	0.7	1.2	1.6
75.0	0.2	0.2	0.2	0.3	0.4	0.6	0.7	0.8	1.1	1.6
80.0	0.2	0.2	0.2	0.3	0.4	0.5	0.6	0.8	1.0	1.6
85.0	0.2	0.2	0.2	0.3	0.4	0.5	0.7	0.8	1.1	1.8
90.0	0.2	0.2	0.2	0.3	0.4	0.5	0.7	0.9	1.1	1.8
95.0	0.2	0.2	0.2	0.3	0.4	0.5	0.7	0.8	1.1	1.8
100.0	0.2	0.2	0.2	0.3	0.4	0.6	0.7	0.8	1.0	1.5
105.0	0.2	0.2	0.2	0.3	0.4	0.6	0.7	0.8	1.2	1.6
110.0	0.2	0.2	0.3	0.3	0.4	0.6	0.6	0.8	1.3	1.7
115.0	0.2	0.2	0.3	0.3	0.5	0.6	0.7	0.7	1.2	1.7
120.0	0.2	0.2	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.3
125.0	0.2	0.2	0.2	0.3	0.5	0.6	0.7	1.0	1.2	1.5
130.0	0.2	0.2	0.2	0.3	0.5	0.6	0.8	0.9	1.2	1.7
135.0	0.2	0.2	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.6
140.0	0.2	0.2	0.3	0.3	0.5	0.7	0.9	1.1	1.4	1.7
145.0	0.2	0.2	0.3	0.3	0.5	0.7	0.9	1.1	1.5	1.8
150.0	0.2	0.2	0.2	0.3	0.5	0.7	0.9	1.1	1.5	1.9
155.0	0.2	0.2	0.2	0.3	0.5	0.6	0.8	1.1	1.5	1.9
160.0	0.2	0.2	0.2	0.3	0.5	0.6	0.8	1.1	1.4	1.8
165.0	0.2	0.2	0.2	0.3	0.5	0.6	0.8	1.0	1.4	1.8
170.0	0.2	0.2	0.2	0.3	0.5	0.6	0.8	1.0	1.4	1.8
175.0	0.2	0.2	0.2	0.3	0.5	0.6	0.8	1.0	1.4	1.8
180.0	0.2	0.2	0.2	0.3	0.3	0.4	0.5	0.6	0.8	1.0
185.0	0.2	0.2	0.2	0.3	0.3	0.4	0.5	0.6	0.8	1.0

Photometric Data Table [cd]

190.0	0.2	0.2	0.2	0.3	0.3	0.4	0.5	0.6	0.8	1.1
195.0	0.2	0.2	0.2	0.3	0.3	0.4	0.5	0.6	0.8	1.1
200.0	0.2	0.2	0.2	0.3	0.3	0.4	0.5	0.6	0.8	1.1
205.0	0.2	0.2	0.2	0.3	0.3	0.4	0.5	0.7	0.8	1.1
210.0	0.2	0.2	0.2	0.3	0.3	0.4	0.5	0.7	0.8	1.1
215.0	0.2	0.2	0.2	0.3	0.3	0.4	0.5	0.7	0.8	1.1
220.0	0.2	0.2	0.2	0.3	0.3	0.4	0.5	0.7	0.8	1.0
225.0	0.2	0.2	0.2	0.3	0.3	0.4	0.5	0.6	0.8	1.0
230.0	0.2	0.2	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.9
235.0	0.2	0.2	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.9
240.0	0.2	0.2	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8
245.0	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.7	1.0
250.0	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.5	0.8	1.0
255.0	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.7	0.9
260.0	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.7	1.0
265.0	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.7	1.0
270.0	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.7	1.1
275.0	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.7	1.0
280.0	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.5	0.7	0.9
285.0	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.8	1.0
290.0	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.8	1.0
295.0	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.7	1.0
300.0	0.2	0.2	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.9
305.0	0.2	0.2	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.9
310.0	0.2	0.2	0.2	0.3	0.3	0.4	0.5	0.6	0.8	1.0
315.0	0.2	0.2	0.2	0.3	0.3	0.4	0.6	0.7	0.8	1.1
320.0	0.2	0.2	0.2	0.3	0.3	0.4	0.6	0.7	0.9	1.1
325.0	0.2	0.2	0.2	0.3	0.3	0.4	0.6	0.7	0.9	1.1
330.0	0.2	0.2	0.2	0.3	0.3	0.4	0.6	0.7	0.9	1.1
335.0	0.2	0.2	0.2	0.3	0.3	0.4	0.6	0.7	0.9	1.1
340.0	0.2	0.2	0.2	0.3	0.3	0.4	0.6	0.7	0.9	1.1
345.0	0.2	0.2	0.2	0.3	0.3	0.4	0.6	0.7	0.9	1.1
350.0	0.2	0.2	0.2	0.3	0.3	0.4	0.6	0.7	0.9	1.1
355.0	0.2	0.2	0.2	0.3	0.3	0.4	0.5	0.7	0.9	1.1
360.0	0.2	0.2	0.2	0.3	0.5	0.7	0.9	1.1	1.4	1.8

C\γ	**125.0**	**127.5**	**130.0**	**132.5**	**135.0**	**137.5**	**140.0**	**142.5**	**145.0**	**147.5**
0.0	2.4	3.2	4.3	5.6	7.1	8.4	9.2	10.2	11.4	12.8
5.0	2.4	3.2	4.3	5.6	7.1	8.3	9.2	10.1	11.3	12.7
10.0	2.5	3.3	4.3	5.7	7.2	8.3	9.2	10.2	11.3	12.4
15.0	2.5	3.4	4.4	5.8	7.1	8.2	9.0	10.0	11.3	12.7
20.0	2.6	3.4	4.4	5.7	6.9	7.9	8.9	10.2	11.7	13.2
25.0	2.7	3.4	4.3	5.5	6.5	7.6	9.0	10.3	11.6	12.8
30.0	2.6	3.3	4.1	5.1	6.2	7.6	8.6	9.8	10.8	11.7
35.0	2.5	3.0	3.9	5.1	6.4	7.7	8.5	9.5	10.3	11.1
40.0	2.3	2.9	4.0	5.2	6.3	7.3	8.1	9.1	10.2	11.3
45.0	2.3	3.1	3.9	4.9	5.7	6.5	7.6	9.0	10.6	12.1
50.0	2.3	2.9	3.7	4.6	5.3	6.5	7.8	9.4	11.0	12.9

Photometric Data Table [cd]

55.0	2.0	2.6	3.5	5.2	6.8	8.2	9.4	10.4	11.4	12.7
60.0	1.9	2.9	4.3	6.4	8.4	9.6	10.3	11.1	12.0	12.9
65.0	2.5	3.4	4.6	6.4	8.4	10.0	11.0	11.9	12.6	12.7
70.0	2.2	3.0	3.9	5.4	7.3	8.9	9.9	10.7	11.7	13.0
75.0	2.0	2.7	3.7	5.0	6.8	8.0	9.2	10.8	12.5	13.6
80.0	2.1	2.8	3.7	5.1	6.7	7.9	9.2	10.5	11.7	13.8
85.0	2.3	3.1	4.1	5.5	7.5	8.3	9.3	10.3	11.3	14.0
90.0	2.3	3.1	4.2	5.6	7.6	8.2	9.2	10.8	11.8	14.1
95.0	2.3	3.1	4.1	5.5	7.5	8.2	9.2	10.6	11.6	14.0
100.0	2.0	2.7	3.6	4.9	6.5	7.6	8.9	9.9	11.2	13.3
105.0	2.0	2.7	3.6	4.9	6.7	7.9	9.1	10.5	12.3	13.3
110.0	2.2	2.9	3.9	5.3	7.2	8.8	9.7	10.6	11.8	12.8
115.0	2.5	3.4	4.6	6.3	8.2	9.8	10.7	11.4	11.7	11.6
120.0	1.9	2.8	4.2	6.4	8.1	9.3	9.9	10.6	11.3	12.0
125.0	1.9	2.2	3.3	4.8	6.5	8.1	9.3	10.0	10.9	12.1
130.0	2.1	2.6	3.2	3.8	4.9	6.2	7.7	9.4	11.4	12.9
135.0	2.2	2.9	3.5	4.4	5.1	6.0	7.3	8.9	10.6	12.4
140.0	2.2	2.8	3.7	4.8	5.9	6.8	7.5	8.4	9.5	11.1
145.0	2.3	2.9	3.7	4.9	6.3	7.3	8.1	8.9	9.8	10.7
150.0	2.4	3.0	3.8	4.9	6.2	7.4	8.6	9.5	10.5	11.4
155.0	2.5	3.1	3.8	5.0	6.2	7.5	8.9	10.2	11.3	12.4
160.0	2.4	3.2	3.9	5.1	6.4	7.6	8.9	10.4	11.7	13.0
165.0	2.4	3.1	4.0	5.1	6.5	7.7	8.8	10.1	11.6	12.9
170.0	2.3	3.1	4.1	5.2	6.6	7.9	8.9	10.0	11.4	12.8
175.0	2.3	3.1	4.1	5.3	6.7	8.0	8.9	10.0	11.3	12.7
180.0	1.4	1.9	2.6	3.5	4.6	5.6	6.4	7.4	8.5	9.8
185.0	1.4	1.9	2.6	3.5	4.6	5.5	6.4	7.3	8.4	9.7
190.0	1.4	1.9	2.6	3.5	4.6	5.6	6.4	7.4	8.5	9.8
195.0	1.4	2.0	2.7	3.6	4.6	5.5	6.4	7.4	8.5	9.8
200.0	1.5	2.0	2.7	3.5	4.5	5.4	6.2	7.2	8.4	9.7
205.0	1.5	2.0	2.6	3.5	4.4	5.2	6.0	7.0	8.1	9.3
210.0	1.5	1.9	2.6	3.3	4.2	5.0	5.8	6.8	7.8	8.9
215.0	1.4	1.9	2.5	3.3	4.1	4.9	5.7	6.5	7.5	8.4
220.0	1.4	1.8	2.5	3.3	4.1	4.9	5.5	6.2	7.3	8.7
225.0	1.3	1.8	2.4	3.2	4.0	4.7	5.5	6.5	7.7	9.2
230.0	1.3	1.8	2.3	3.1	4.1	5.1	6.0	7.2	8.4	9.6
235.0	1.2	1.6	2.3	3.4	4.7	5.8	6.9	7.8	8.8	9.9
240.0	1.2	1.8	2.7	4.0	5.2	6.2	7.0	7.9	9.0	10.1
245.0	1.4	2.0	2.8	3.9	5.1	6.2	7.0	7.9	9.0	9.9
250.0	1.3	1.7	2.5	3.4	4.6	5.7	6.6	7.5	8.6	9.8
255.0	1.2	1.7	2.4	3.3	4.4	5.3	6.2	7.4	8.9	10.1
260.0	1.2	1.7	2.4	3.3	4.4	5.3	6.1	7.1	9.0	10.2
265.0	1.3	1.9	2.6	3.6	4.7	5.6	6.3	7.4	8.7	10.3
270.0	1.4	1.9	2.7	3.7	4.8	5.6	6.3	7.5	8.9	10.6
275.0	1.3	1.8	2.6	3.5	4.7	5.6	6.3	7.5	9.1	10.6
280.0	1.2	1.7	2.4	3.3	4.3	5.2	6.1	7.0	8.9	10.2
285.0	1.3	1.8	2.5	3.5	4.6	5.5	6.5	7.8	9.1	10.2
290.0	1.4	1.9	2.7	3.7	4.9	6.1	7.0	7.9	9.0	10.1
295.0	1.5	2.1	2.9	4.0	5.3	6.3	7.1	8.0	9.2	10.2

Photometric Data Table [cd]

300.0	1.2	1.8	2.7	4.1	5.2	6.2	7.0	7.9	9.0	10.2
305.0	1.3	1.7	2.3	3.3	4.5	5.6	6.7	7.6	8.7	10.1
310.0	1.3	1.9	2.5	3.2	4.0	5.0	6.0	7.1	8.3	9.7
315.0	1.4	1.9	2.5	3.3	4.2	4.9	5.5	6.7	8.0	9.2
320.0	1.5	2.0	2.6	3.4	4.3	5.1	5.9	6.8	7.7	9.0
325.0	1.5	2.0	2.7	3.5	4.4	5.2	6.0	7.0	7.9	8.8
330.0	1.5	2.1	2.8	3.6	4.5	5.3	6.2	7.1	8.1	9.3
335.0	1.5	2.1	2.8	3.8	4.7	5.5	6.3	7.3	8.4	9.7
340.0	1.5	2.1	2.9	3.9	4.9	5.8	6.6	7.4	8.5	10.0
345.0	1.5	2.1	2.8	3.9	4.9	5.9	6.8	7.6	8.4	9.7
350.0	1.5	2.1	2.8	3.9	5.0	6.0	6.9	7.8	8.7	9.5
355.0	1.5	2.0	2.8	3.8	5.0	6.0	6.9	7.8	8.9	10.2
360.0	2.4	3.2	4.3	5.6	7.1	8.4	9.2	10.2	11.4	12.8

C\γ	**150.0**	**152.5**	**155.0**	**157.5**	**160.0**	**162.5**	**165.0**	**167.5**	**170.0**	**172.5**
0.0	14.2	15.4	15.5	15.6	17.5	19.2	19.8	20.6	21.5	22.4
5.0	13.7	14.1	15.4	17.3	18.7	19.5	19.9	20.5	21.1	21.4
10.0	13.6	15.3	16.8	17.9	19.1	19.7	19.7	19.9	20.2	21.6
15.0	14.4	16.1	17.2	17.9	18.7	19.3	19.7	20.3	21.2	22.8
20.0	14.7	16.1	17.0	17.8	19.0	19.6	20.1	21.0	21.8	22.6
25.0	14.0	15.3	16.5	17.5	18.7	19.4	19.9	20.7	21.8	22.6
30.0	12.8	14.1	15.1	16.2	17.5	18.5	19.4	20.4	21.4	22.2
35.0	12.1	13.3	14.5	15.6	17.0	18.1	19.0	19.9	20.6	21.5
40.0	12.6	13.9	15.4	16.2	17.4	18.1	18.8	19.6	20.6	21.5
45.0	13.7	15.3	16.7	17.5	18.4	19.0	19.5	20.1	20.7	21.0
50.0	14.8	16.3	17.3	17.7	18.6	19.2	19.4	19.9	20.2	20.2
55.0	14.1	15.6	16.7	17.4	18.3	18.8	18.8	19.4	20.1	20.6
60.0	13.8	14.8	15.4	15.4	16.4	17.3	18.3	19.0	20.4	20.9
65.0	12.8	13.7	15.0	15.3	15.6	16.2	16.8	18.1	20.0	20.7
70.0	14.1	15.1	15.8	15.6	15.6	16.0	16.5	17.6	20.0	20.9
75.0	14.6	15.5	16.3	16.4	16.3	16.5	16.8	17.3	19.9	21.1
80.0	14.9	15.9	16.6	16.3	16.2	16.6	17.1	17.6	19.6	21.4
85.0	15.2	16.4	17.2	17.3	16.9	16.6	17.6	18.7	20.4	22.0
90.0	15.3	16.5	17.4	17.3	16.7	16.4	17.5	18.5	20.2	21.5
95.0	15.1	16.3	17.1	17.1	16.6	16.3	17.3	18.3	20.0	21.3
100.0	14.4	15.7	16.5	16.3	16.2	16.5	17.2	18.0	19.7	21.4
105.0	14.3	15.4	16.2	16.3	16.3	16.6	16.9	17.5	19.9	21.2
110.0	13.8	15.0	15.7	15.7	15.9	16.4	16.9	17.9	20.1	21.0
115.0	12.3	13.7	15.1	15.2	15.7	16.2	17.0	18.5	20.2	20.7
120.0	13.1	14.2	14.7	15.4	16.4	17.4	18.3	19.5	20.4	20.9
125.0	13.5	15.1	16.4	17.2	18.0	18.4	18.7	19.3	20.2	20.7
130.0	14.4	15.7	16.8	17.4	18.2	18.9	19.2	19.5	20.0	20.2
135.0	14.0	15.4	16.8	17.5	18.3	18.7	19.1	19.7	20.5	20.7
140.0	12.8	14.3	15.7	16.7	17.8	18.7	19.2	19.8	20.9	21.5
145.0	11.8	13.4	15.1	16.5	17.6	18.6	19.5	20.5	21.4	22.2
150.0	12.6	13.9	15.1	16.6	18.2	19.4	20.2	21.1	22.1	22.9
155.0	13.6	15.1	16.4	17.5	18.5	19.4	20.2	21.2	22.2	23.0
160.0	14.2	15.6	16.8	17.9	19.1	19.7	20.0	20.5	21.2	22.2

Photometric Data Table [cd]

165.0	14.2	15.6	16.8	17.7	18.9	19.6	19.7	20.2	21.1	22.3
170.0	14.0	15.3	16.6	17.6	18.6	18.8	18.8	19.7	21.0	22.7
175.0	14.0	15.1	16.5	17.1	17.3	17.7	19.3	20.5	21.5	22.9
180.0	11.1	12.2	12.1	12.6	14.6	15.8	16.9	18.3	19.6	21.5
185.0	11.0	12.2	13.3	13.6	13.5	14.7	16.6	18.2	19.3	21.4
190.0	11.0	12.3	13.5	14.4	15.3	15.5	15.7	17.3	19.5	21.7
195.0	11.1	12.4	13.6	14.7	15.7	16.4	16.5	17.3	18.9	21.1
200.0	11.0	12.5	13.7	14.8	15.6	16.3	16.9	17.9	19.3	20.8
205.0	10.5	11.9	13.1	14.1	15.1	16.1	17.0	18.3	19.7	20.8
210.0	10.0	11.1	12.4	13.8	14.8	15.8	16.7	18.0	19.9	21.2
215.0	9.9	11.3	12.7	13.7	14.5	15.3	16.3	17.5	19.5	21.2
220.0	10.3	11.9	13.2	14.2	14.9	15.6	16.2	17.2	19.0	20.9
225.0	10.6	12.0	13.4	14.2	15.0	15.5	16.1	17.3	18.9	20.5
230.0	10.9	12.1	13.3	14.1	14.6	15.2	15.7	17.0	18.9	20.4
235.0	11.1	12.4	13.3	13.9	14.6	15.3	15.9	17.2	19.0	20.3
240.0	11.2	12.4	13.1	13.6	14.5	15.2	16.1	17.5	19.3	20.9
245.0	11.0	12.3	13.2	13.5	14.3	15.1	15.9	17.8	19.6	20.9
250.0	11.2	12.7	13.8	13.9	14.5	15.3	15.8	17.5	20.0	21.0
255.0	11.3	12.9	14.0	14.2	14.5	15.4	16.2	17.4	20.2	20.8
260.0	11.6	13.1	14.4	14.6	14.7	15.4	16.5	17.5	20.1	21.3
265.0	11.8	13.2	14.4	14.7	14.6	15.2	16.3	17.5	19.9	21.4
270.0	11.9	13.3	14.4	14.9	14.7	15.2	16.1	17.4	19.8	21.1
275.0	11.9	13.3	14.4	14.7	14.6	15.1	16.3	17.5	19.9	21.2
280.0	11.6	13.0	14.3	14.7	14.7	15.3	16.4	17.5	20.1	21.4
285.0	11.5	12.8	13.9	14.1	14.2	15.0	15.8	17.4	20.4	21.6
290.0	11.4	12.6	13.6	13.8	14.1	14.9	15.5	17.1	20.2	20.9
295.0	11.2	12.3	13.2	13.4	14.1	14.9	15.7	17.3	19.7	20.6
300.0	11.3	12.5	13.2	13.6	14.5	15.1	15.9	17.7	19.6	20.5
305.0	11.4	12.6	13.5	14.1	14.7	15.4	16.1	17.6	19.4	20.3
310.0	11.1	12.5	13.6	14.1	14.9	15.6	16.3	17.4	18.9	19.9
315.0	10.6	12.1	13.6	14.3	14.9	15.5	16.4	17.7	19.0	20.2
320.0	10.3	11.6	12.6	13.4	14.4	15.4	16.3	17.5	19.0	20.6
325.0	9.8	11.2	12.6	13.6	14.1	15.1	16.4	17.6	19.3	21.0
330.0	10.4	11.6	12.6	13.7	14.8	15.7	16.6	17.8	19.5	21.2
335.0	10.9	12.2	13.4	14.3	14.8	15.8	16.8	18.1	19.9	21.4
340.0	11.4	12.6	13.6	14.5	15.4	15.9	16.5	18.1	19.6	21.1
345.0	11.3	12.9	13.8	14.6	15.2	15.9	16.5	17.6	19.4	21.0
350.0	10.8	12.4	13.7	14.9	15.9	16.4	16.5	17.6	18.8	21.2
355.0	10.9	11.1	12.6	14.6	15.7	16.5	17.1	18.0	18.4	20.5
360.0	14.2	15.4	15.5	15.6	17.5	19.2	19.8	20.6	21.5	22.4

C\γ	**175.0**	**177.5**	**180.0**
0.0	23.0	23.0	21.5
5.0	21.4	22.4	21.5
10.0	23.0	23.7	21.5
15.0	23.6	24.0	21.5
20.0	23.3	23.7	21.5
25.0	23.3	23.8	21.5

Photometric Data Table [cd]

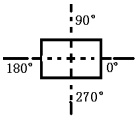
30.0	22.8	23.2	21.5
35.0	22.2	22.6	21.5
40.0	21.7	21.3	21.5
45.0	20.6	20.4	21.5
50.0	20.4	20.7	21.5
55.0	21.2	21.4	21.5
60.0	21.2	21.4	21.5
65.0	21.0	21.0	21.5
70.0	21.1	21.4	21.5
75.0	21.4	21.5	21.5
80.0	21.7	21.9	21.5
85.0	22.3	22.4	21.5
90.0	21.9	22.1	21.5
95.0	21.8	22.0	21.5
100.0	21.8	22.0	21.5
105.0	21.5	21.7	21.5
110.0	21.6	21.9	21.5
115.0	21.4	21.7	21.5
120.0	21.5	21.7	21.5
125.0	21.1	21.2	21.5
130.0	20.5	20.9	21.5
135.0	20.6	20.7	21.5
140.0	21.5	21.6	21.5
145.0	23.0	23.1	21.5
150.0	23.5	23.4	21.5
155.0	23.5	24.0	21.5
160.0	22.9	23.5	21.5
165.0	22.9	23.3	21.5
170.0	23.7	24.1	21.5
175.0	23.7	24.0	21.5
180.0	22.7	22.3	21.5
185.0	22.6	22.3	21.5
190.0	23.1	23.0	21.5
195.0	22.9	22.9	21.5
200.0	22.2	22.7	21.5
205.0	21.9	22.5	21.5
210.0	21.8	22.6	21.5
215.0	21.5	21.7	21.5
220.0	21.2	20.8	21.5
225.0	20.5	20.0	21.5
230.0	20.5	19.8	21.5
235.0	20.4	19.8	21.5
240.0	21.0	20.0	21.5
245.0	21.0	19.9	21.5
250.0	21.1	20.3	21.5
255.0	21.4	20.8	21.5
260.0	21.5	20.9	21.5
265.0	21.9	21.3	21.5
270.0	21.5	21.0	21.5

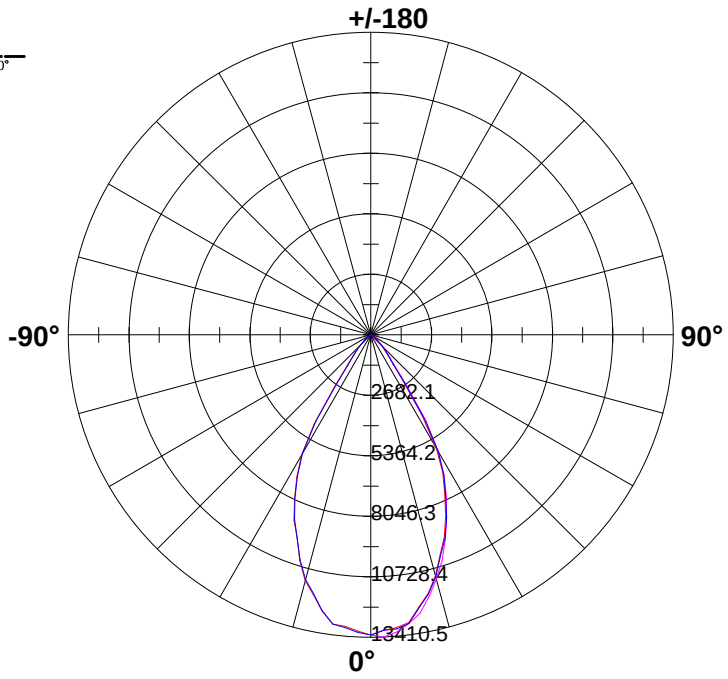
Photometric Data Table [cd]

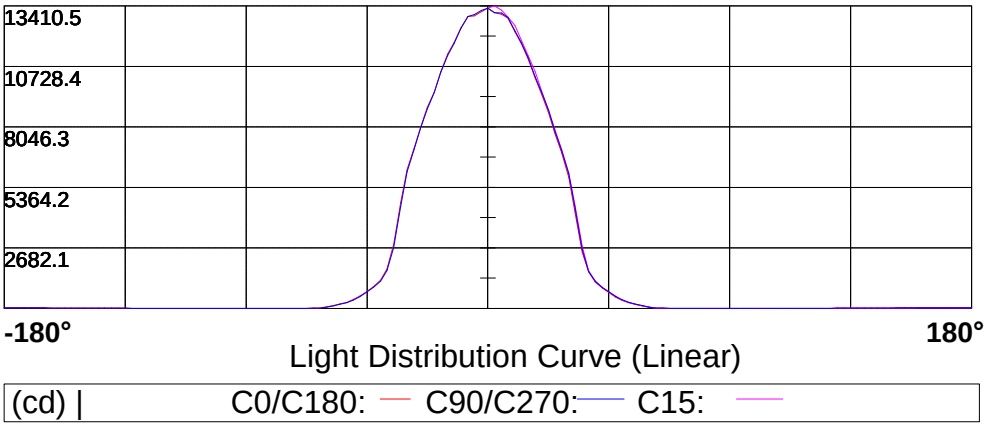
275.0	21.5	20.9	21.5
280.0	21.6	21.0	21.5
285.0	21.7	20.8	21.5
290.0	20.9	20.1	21.5
295.0	20.4	19.8	21.5
300.0	20.4	19.3	21.5
305.0	20.1	19.1	21.5
310.0	19.8	18.9	21.5
315.0	20.0	18.8	21.5
320.0	20.2	19.2	21.5
325.0	20.9	20.4	21.5
330.0	21.3	21.1	21.5
335.0	21.6	21.6	21.5
340.0	22.1	22.7	21.5
345.0	22.1	22.4	21.5
350.0	22.7	22.8	21.5
355.0	22.7	23.0	21.5
360.0	23.0	23.0	21.5

Light Distribution Curve [Unit: cd]

Luminaire



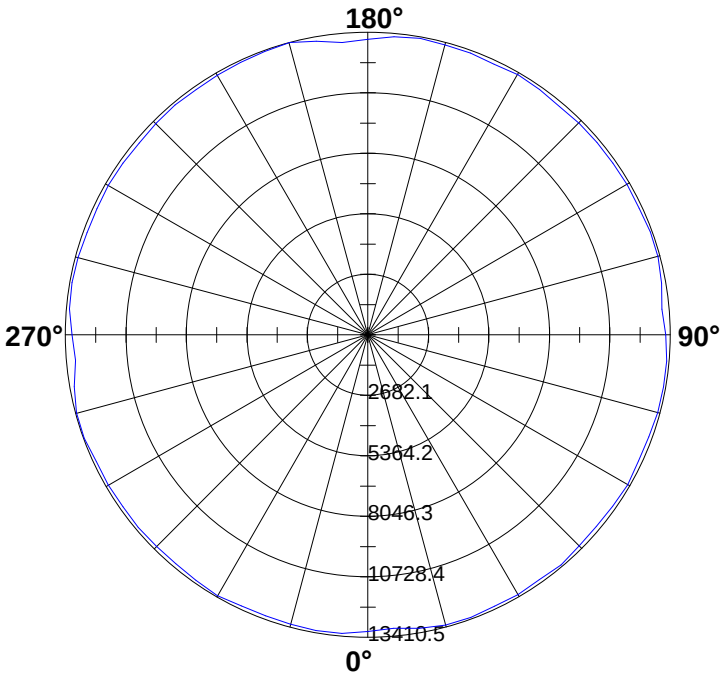


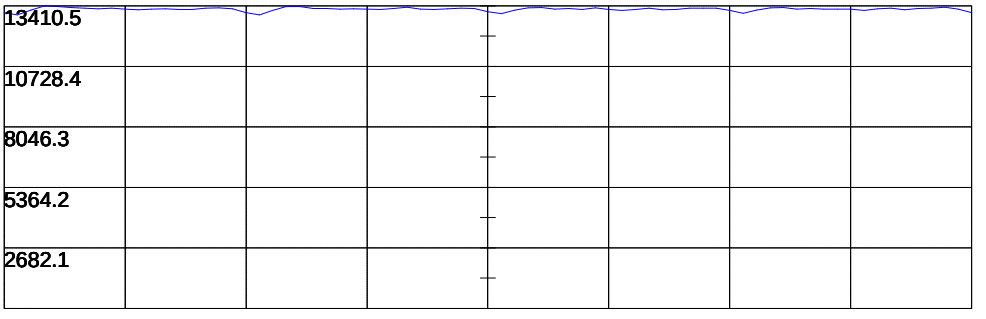


Light Distribution Curve (Linear)

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

Max Plane Light Distribution Curve [Unit: cd]

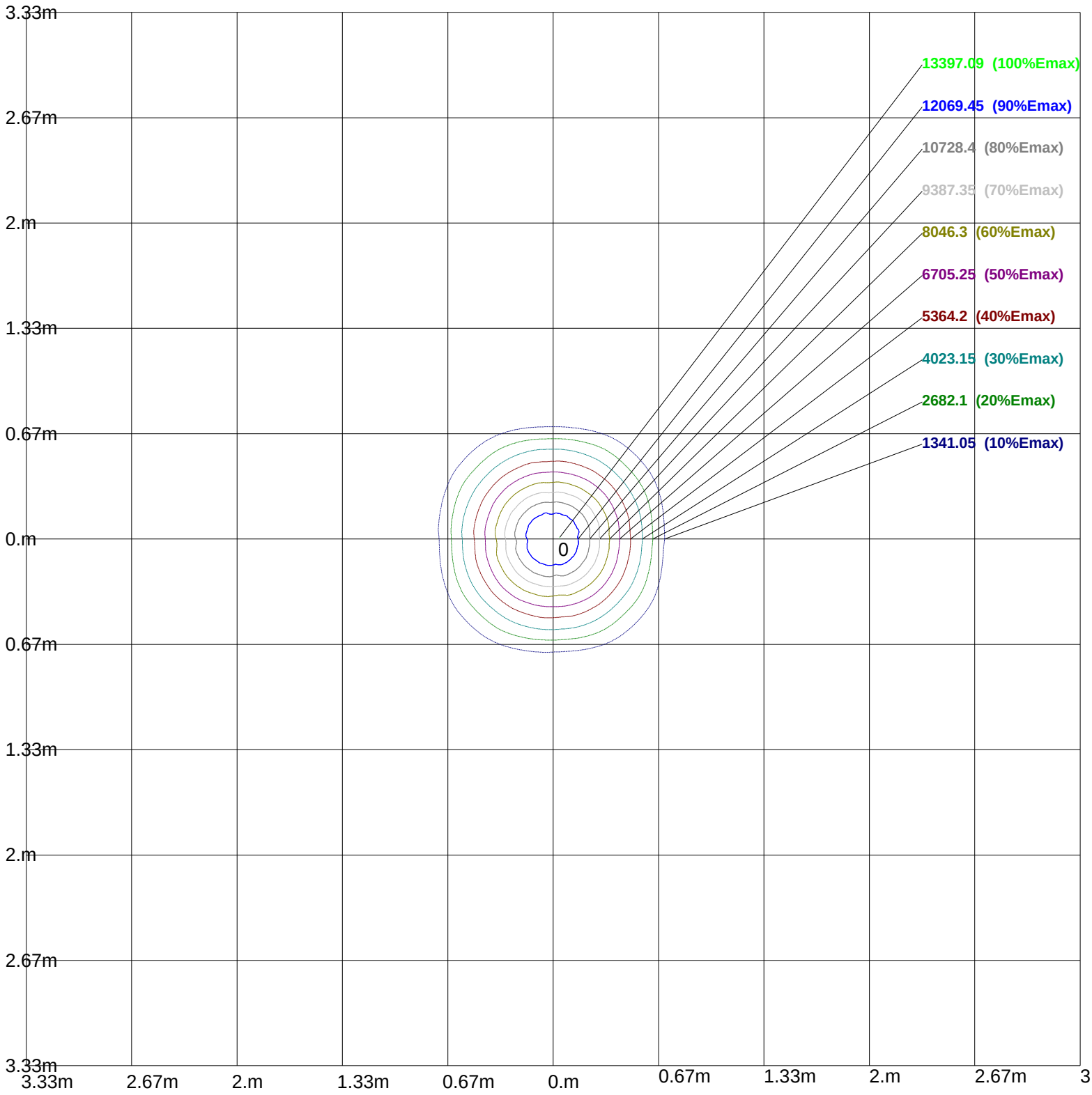




Light Distribution Curve (Linear)

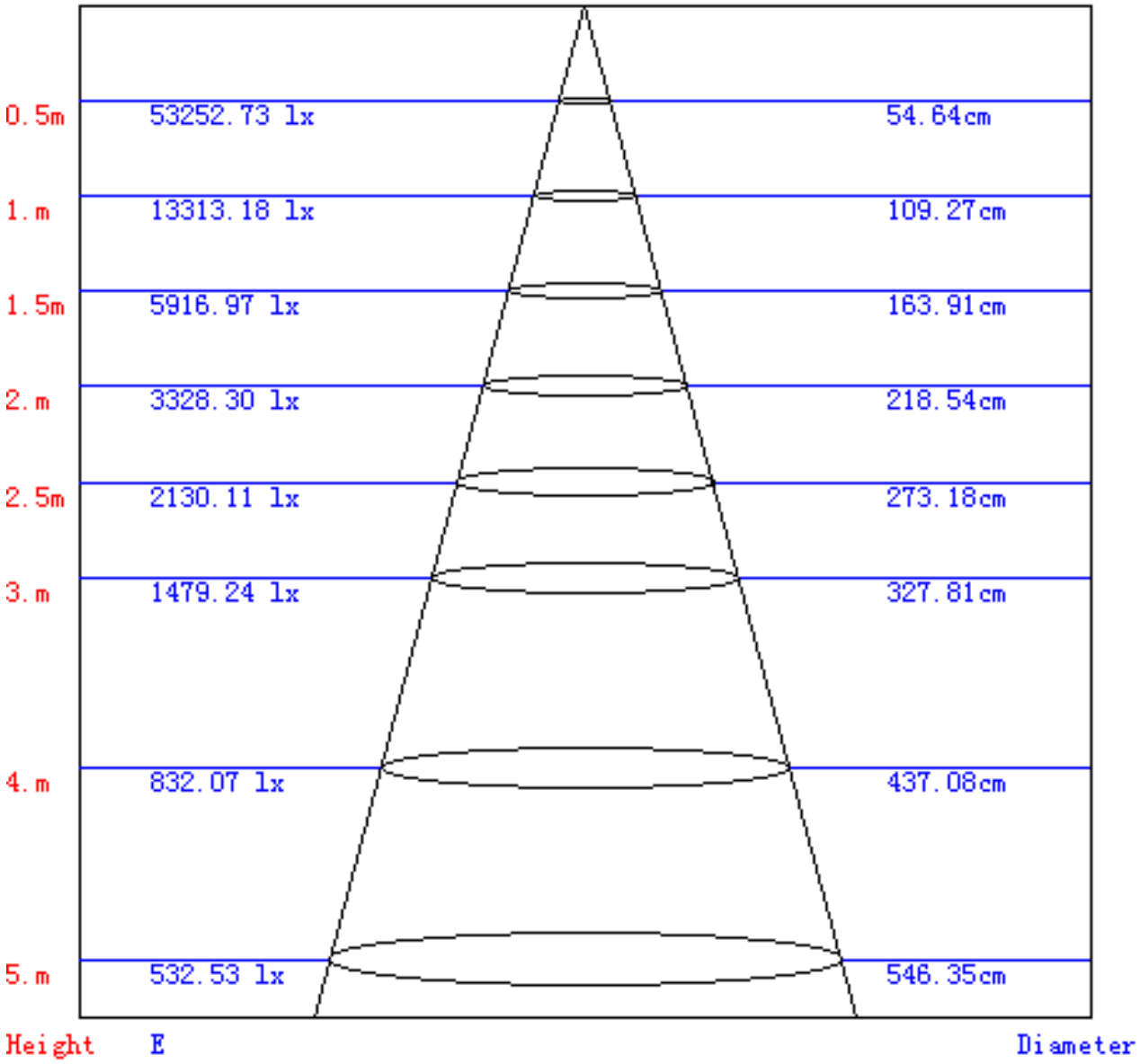
(cd) | γ2.5:

Iso-Lux[lx]



Height: 1 m
Max Illuminance : 13410.5lx

Lux-Distance Curve



Beam Angle:57.40°

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	10976.78 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