Luminaire Property

Luminaire:

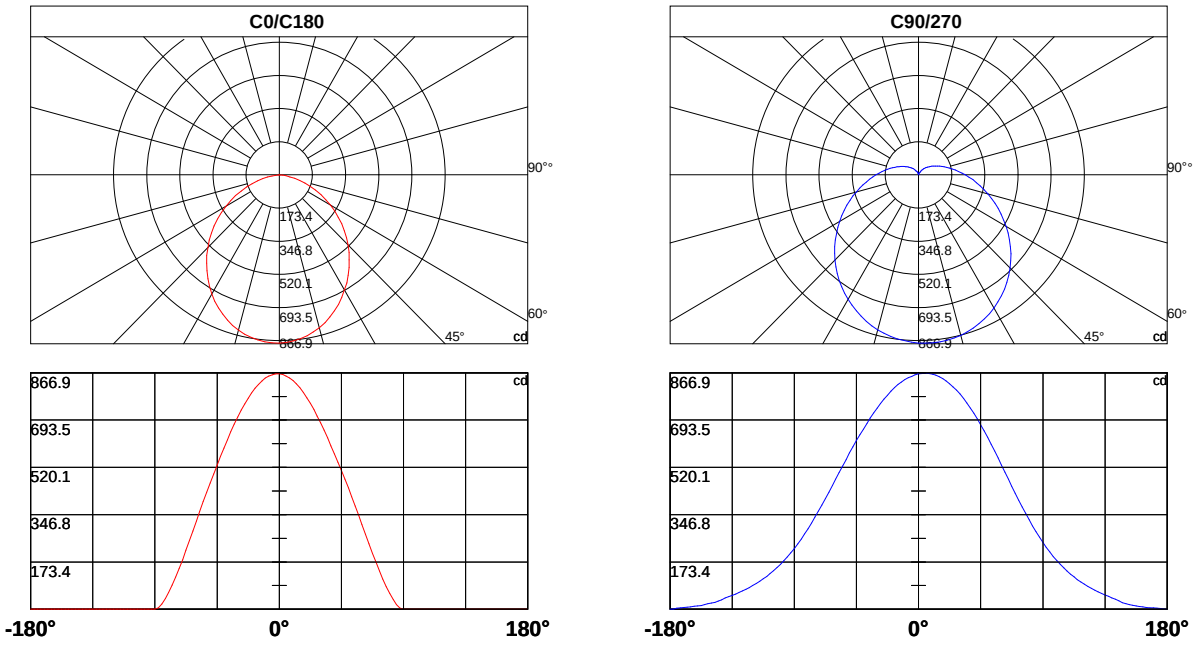
Report NO.:
Test NO.:
Lamp: [LAMP]WT124 22W 5500K
Sum Lumens: 3142.84 lm
Number of Lamps: 1
Diameter: 0mm
Length: 1500mm
Photometric Type: Type C

Voltage: 221.7 V
Current: 0.1044 A
Power: 22.16 W
Power Factor: 0.957
Ballast Type:
Width: 50mm
Height: 50mm
Remark:

Photometric Results

Lumens: 3142.84 lm
Efficiency: 100%
Central Intensity: 863.301cd
Maximum Intensity: 866.86cd
Beam Angle(10%): Left: -121.5 Right:113.9

Angle of maximum intensity: C:110.0 G:5.0
Half Peak Side Angle(50%): Left: -68.1 Right:63.8
Up Flux Rate: 11.22%
Down Flux Rate: 88.78%



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	863.3	860.4	854.9	847.9	838.2	825.9	811.7	794.9	775.2	755.4
5.0	863.3	861.6	856.5	848.9	839.2	827.5	813.2	796.3	778.0	757.9
10.0	863.3	860.4	856.2	848.6	838.9	827.5	812.7	795.7	778.3	757.9
15.0	863.3	861.3	856.1	848.7	838.6	826.6	812.4	795.5	778.0	757.8
20.0	863.3	860.5	856.0	848.2	838.1	825.6	811.8	794.8	776.6	755.9
25.0	863.3	861.0	855.3	848.3	838.0	825.9	810.9	795.1	776.2	755.9
30.0	863.3	860.3	855.3	848.6	838.3	827.0	811.9	795.3	777.6	757.7
35.0	863.3	861.3	856.0	848.5	838.6	827.0	813.4	797.5	780.6	760.4
40.0	863.3	860.5	855.5	848.5	839.7	828.8	816.5	801.8	786.2	768.2
45.0	863.3	861.0	856.1	850.2	842.1	832.1	820.9	807.2	793.3	776.5
50.0	863.3	860.6	856.1	850.8	842.5	832.2	821.5	809.1	794.5	778.2
55.0	863.3	859.7	855.0	850.0	842.0	831.9	821.1	808.1	795.8	779.0
60.0	863.3	861.0	856.0	849.5	843.0	834.1	823.5	812.8	800.2	785.6
65.0	863.3	861.1	858.0	853.0	846.7	839.0	829.1	817.6	806.8	791.4
70.0	863.3	860.8	857.1	852.3	846.3	838.4	828.3	817.1	805.4	792.3
75.0	863.3	861.8	858.0	853.0	846.1	837.8	829.1	817.9	806.5	793.3
80.0	863.3	860.6	856.8	851.7	845.6	836.9	828.5	817.8	806.2	792.7
85.0	863.3	861.2	857.2	852.0	845.7	837.5	828.8	817.3	806.3	793.5
90.0	863.3	863.7	865.0	864.2	861.6	858.1	852.3	845.2	836.8	826.8
95.0	863.3	864.4	866.1	864.1	862.8	858.5	853.5	845.9	836.8	827.5
100.0	863.3	864.5	866.5	865.0	862.4	858.5	853.8	846.7	837.6	827.9
105.0	863.3	864.6	866.4	864.3	862.5	858.9	853.5	846.3	837.4	827.9
110.0	863.3	865.8	866.9	864.9	862.4	859.3	853.4	846.1	836.6	827.0
115.0	863.3	864.5	866.4	864.2	861.1	856.3	850.3	842.5	832.6	821.9
120.0	863.3	864.6	864.6	861.3	858.2	852.6	845.5	836.7	824.7	813.3
125.0	863.3	864.5	864.7	861.5	857.5	850.9	842.9	833.0	820.4	807.4
130.0	863.3	865.4	865.8	862.3	858.3	851.8	843.2	833.3	819.9	806.2
135.0	863.3	864.3	864.1	859.9	855.2	847.8	838.6	828.2	814.6	800.3
140.0	863.3	864.6	861.6	857.9	851.8	843.3	832.8	820.3	805.0	788.9
145.0	863.3	864.8	862.4	857.2	850.3	840.7	829.4	814.8	798.9	780.9
150.0	863.3	862.8	861.2	856.1	849.3	840.2	827.3	813.1	795.7	777.4
155.0	863.3	863.4	861.4	856.4	849.3	840.2	827.1	812.0	794.6	775.3
160.0	863.3	863.4	861.3	856.0	848.5	837.8	825.6	810.8	793.7	773.7
165.0	863.3	862.6	860.3	854.4	846.4	836.1	823.5	807.5	790.7	771.5
170.0	863.3	863.3	860.9	855.3	847.9	836.6	823.7	808.1	790.3	770.7
175.0	863.3	863.0	860.3	855.1	847.6	837.5	825.2	810.0	792.2	772.9
180.0	863.3	862.8	859.9	854.4	847.3	837.3	824.9	810.4	792.8	773.6
185.0	863.3	862.9	860.7	855.9	848.2	838.4	826.1	812.1	794.0	776.0
190.0	863.3	862.2	859.9	854.8	847.6	837.3	824.7	810.1	793.3	775.3
195.0	863.3	863.6	861.8	855.4	848.7	837.2	825.3	811.0	794.0	775.0
200.0	863.3	863.9	861.9	856.1	848.0	837.0	825.6	810.4	792.8	773.9
205.0	863.3	863.5	861.1	856.1	848.8	837.9	825.5	810.2	793.3	774.7
210.0	863.3	863.2	861.0	856.6	850.3	840.5	828.9	814.1	797.1	779.6
215.0	863.3	863.8	862.4	858.8	851.7	843.2	832.4	819.8	804.5	787.7
220.0	863.3	864.0	863.0	858.9	853.4	845.5	836.5	824.8	810.1	795.5
225.0	863.3	863.6	863.7	860.0	854.9	848.3	839.1	828.9	815.5	801.6
230.0	863.3	863.8	863.8	859.3	855.5	848.8	840.2	830.1	817.4	804.3
235.0	863.3	863.6	862.4	858.8	854.8	848.0	840.3	831.0	818.9	806.5

Photometric Data Table [cd]

240.0	863.3	863.5	862.7	860.1	856.7	850.6	843.2	835.0	825.0	813.9
245.0	863.3	864.0	864.5	861.2	857.7	853.4	847.1	838.8	828.9	818.8
250.0	863.3	863.6	863.8	861.2	857.7	852.8	845.5	838.3	828.8	818.9
255.0	863.3	863.9	863.8	861.5	857.6	853.7	847.6	839.7	830.0	820.1
260.0	863.3	863.7	863.5	861.0	857.0	853.0	847.2	839.0	829.7	819.5
265.0	863.3	864.2	864.5	861.8	858.0	853.3	847.3	838.7	830.0	819.3
270.0	863.3	859.1	853.9	849.3	841.7	833.2	823.5	811.7	799.2	784.8
275.0	863.3	860.4	855.4	849.2	841.9	833.3	822.9	810.4	797.8	784.1
280.0	863.3	859.9	855.1	848.8	840.8	831.7	821.4	808.7	796.8	782.9
285.0	863.3	860.1	854.4	847.5	839.4	829.5	819.4	807.3	794.1	780.2
290.0	863.3	859.6	853.5	846.5	838.1	829.3	818.0	806.1	792.2	778.5
295.0	863.3	859.3	853.2	848.0	839.5	829.7	817.8	805.8	792.0	777.1
300.0	863.3	860.6	855.3	849.3	839.9	829.6	818.5	805.3	791.6	775.2
305.0	863.3	859.7	853.4	847.3	838.2	828.2	815.7	802.0	786.5	770.7
310.0	863.3	860.2	854.5	847.6	838.1	827.7	814.6	799.6	784.6	766.4
315.0	863.3	861.0	855.2	847.3	838.5	826.7	814.2	798.9	782.4	764.0
320.0	863.3	860.9	855.4	848.4	839.1	827.0	813.5	797.4	780.3	760.8
325.0	863.3	860.8	855.0	848.4	838.8	826.3	812.5	795.8	777.4	757.8
330.0	863.3	860.0	854.8	846.3	835.7	823.2	808.1	791.2	772.6	752.3
335.0	863.3	859.9	853.4	845.6	834.9	820.9	805.8	788.1	768.3	747.2
340.0	863.3	860.5	854.7	846.2	835.5	822.6	806.9	789.6	770.9	748.9
345.0	863.3	860.3	855.4	847.0	836.1	824.0	809.2	792.0	773.6	752.7
350.0	863.3	861.6	856.6	849.8	839.9	828.1	812.6	796.6	776.8	756.5
355.0	863.3	860.7	856.5	848.5	839.1	826.0	811.4	794.6	775.8	754.7
360.0	863.3	860.4	854.9	847.9	838.2	825.9	811.7	794.9	775.2	755.4

C\γ	**25.0**	**27.5**	**30.0**	**32.5**	**35.0**	**37.5**	**40.0**	**42.5**	**45.0**	**47.5**
0.0	732.7	708.2	682.7	656.3	627.9	599.4	569.8	539.6	508.9	476.8
5.0	735.3	711.8	686.5	660.7	633.1	604.7	575.8	545.7	515.3	483.2
10.0	735.8	712.5	687.9	662.0	634.3	606.7	577.4	547.6	516.9	484.7
15.0	735.4	712.1	686.7	661.0	633.2	605.4	575.3	544.6	513.6	481.7
20.0	734.0	710.1	685.2	659.1	630.8	602.2	572.4	541.8	510.8	478.4
25.0	733.8	710.7	685.6	658.7	630.8	602.0	572.4	541.9	511.5	480.1
30.0	735.2	712.1	687.1	661.2	633.2	606.4	578.1	548.9	521.3	492.7
35.0	739.6	717.0	694.8	671.1	646.0	621.6	595.4	569.9	543.8	516.8
40.0	750.7	729.9	709.1	687.4	663.7	640.5	615.1	590.5	565.5	538.4
45.0	758.9	739.8	719.2	697.7	674.2	651.4	626.5	602.1	576.7	549.8
50.0	760.1	741.2	721.7	700.9	677.3	655.7	632.0	607.7	584.4	558.5
55.0	761.7	743.3	724.4	704.1	683.3	663.4	641.4	619.3	596.6	571.4
60.0	769.9	753.4	736.9	718.5	699.1	680.5	658.0	636.7	615.0	590.2
65.0	776.9	761.7	745.1	727.4	707.2	688.5	666.0	644.2	621.4	597.3
70.0	777.0	760.5	744.6	726.8	706.4	686.8	665.4	644.3	622.3	597.8
75.0	778.4	762.5	745.9	727.0	707.8	688.1	666.8	645.4	623.3	599.9
80.0	778.4	762.9	746.0	727.8	709.1	689.7	669.4	647.1	624.8	600.6
85.0	779.2	762.4	746.5	728.6	709.5	690.4	669.6	648.2	626.5	602.3
90.0	814.8	803.2	788.8	772.8	756.7	737.3	719.0	697.8	676.4	653.6
95.0	815.8	803.9	788.9	773.1	756.8	737.6	718.3	697.7	675.9	653.4
100.0	815.7	803.7	788.5	772.3	756.3	736.6	716.8	696.2	674.1	651.7

Photometric Data Table [cd]

105.0	816.0	802.8	787.5	771.0	754.1	735.3	715.2	693.7	671.3	648.4
110.0	815.0	801.8	786.4	770.1	753.4	733.9	713.0	692.3	669.2	645.3
115.0	809.5	796.2	781.5	764.7	747.0	727.2	707.1	685.6	663.5	638.7
120.0	799.4	784.6	767.8	750.4	732.6	712.2	691.2	669.0	647.0	623.6
125.0	792.0	775.3	757.8	738.2	718.8	697.7	674.5	652.2	628.4	604.2
130.0	790.4	772.8	753.6	732.7	711.3	688.0	664.5	639.7	614.5	589.6
135.0	783.7	765.8	746.3	724.6	702.9	679.0	653.9	628.6	602.1	575.4
140.0	770.4	751.8	730.5	707.8	685.4	660.4	635.8	610.1	584.1	556.7
145.0	760.2	738.8	715.2	690.3	665.5	639.1	612.0	585.0	558.2	530.7
150.0	755.8	732.7	707.8	681.8	653.9	625.2	596.6	566.2	536.2	506.6
155.0	753.6	730.0	704.7	677.3	649.9	619.4	588.5	557.2	525.7	493.3
160.0	752.0	728.6	703.3	676.1	647.4	618.3	587.5	555.3	523.0	489.9
165.0	749.8	726.1	701.3	674.6	647.1	617.7	587.7	556.5	524.8	492.5
170.0	748.7	725.2	699.7	673.3	645.6	616.5	587.2	556.2	524.1	492.2
175.0	751.2	728.0	702.7	676.0	647.9	618.3	587.9	556.9	525.4	492.3
180.0	752.8	729.9	704.7	678.4	650.5	621.2	590.8	560.2	528.1	495.6
185.0	754.4	732.1	707.6	681.7	654.3	625.1	595.8	565.3	533.6	501.0
190.0	754.3	731.8	707.3	681.5	654.3	625.4	596.7	565.8	534.0	501.3
195.0	753.6	730.7	706.7	680.1	652.9	623.8	594.1	562.8	530.5	497.4
200.0	752.0	729.4	704.1	677.8	650.8	621.2	591.0	559.8	528.4	496.9
205.0	753.6	730.1	705.8	679.6	653.2	624.4	595.7	566.1	536.3	505.9
210.0	759.7	738.0	714.3	689.6	663.7	636.0	608.2	580.1	551.1	522.1
215.0	767.4	746.8	724.9	701.0	677.8	651.7	626.8	599.8	573.2	546.6
220.0	777.3	758.5	738.4	716.7	694.8	670.8	647.1	621.8	595.7	569.9
225.0	784.7	767.4	748.1	727.5	706.1	682.0	659.0	634.1	609.0	583.0
230.0	788.3	771.9	752.5	732.1	712.2	688.6	666.0	642.5	618.2	594.1
235.0	791.2	775.2	758.6	739.6	720.8	699.5	678.0	656.6	633.7	610.4
240.0	799.8	785.8	770.1	753.6	735.9	716.1	696.7	675.7	653.7	630.6
245.0	806.6	792.7	777.9	761.6	745.0	726.0	706.1	685.0	663.2	640.3
250.0	805.2	792.0	777.5	761.7	744.6	726.1	706.1	685.1	663.4	641.3
255.0	807.7	794.5	779.4	763.5	747.5	728.7	710.0	689.2	667.8	645.1
260.0	807.7	796.0	780.1	764.1	748.1	729.2	710.2	689.5	668.8	647.0
265.0	807.0	794.4	779.6	763.7	747.9	728.9	709.9	690.1	669.4	647.3
270.0	769.7	753.4	737.0	719.5	700.6	681.6	660.6	640.4	618.4	595.6
275.0	769.0	752.7	735.3	717.8	698.6	679.4	658.1	637.7	616.5	593.1
280.0	767.2	750.8	733.0	715.1	694.7	675.4	654.3	633.7	612.4	588.7
285.0	763.8	747.3	730.2	711.9	691.8	672.0	651.0	630.2	608.0	584.1
290.0	762.0	745.0	728.2	708.4	688.9	669.6	647.6	626.2	604.6	580.3
295.0	760.9	743.3	724.7	706.3	685.4	665.9	643.4	622.3	599.0	574.5
300.0	758.0	740.3	720.4	701.0	679.0	657.7	635.1	612.4	588.5	563.6
305.0	753.1	734.0	714.2	693.6	671.3	649.2	625.9	602.5	578.5	552.5
310.0	748.3	727.9	707.1	685.7	661.9	638.8	615.4	590.8	566.9	540.4
315.0	744.4	723.1	700.3	677.7	653.3	630.1	603.3	578.2	553.4	526.7
320.0	739.8	717.5	693.9	669.2	643.3	617.8	590.6	564.2	538.3	510.4
325.0	735.8	713.0	688.5	662.8	636.2	609.0	580.9	552.5	524.6	495.2
330.0	730.3	706.8	682.5	656.5	629.3	602.5	573.7	544.8	514.7	485.0
335.0	724.1	700.0	674.3	648.0	620.4	592.2	563.2	533.5	504.5	474.4
340.0	725.2	699.9	673.4	645.1	616.1	586.0	555.8	524.4	494.3	462.9
345.0	729.5	704.3	678.0	650.0	620.9	591.0	560.0	527.5	495.5	462.6

Photometric Data Table [cd]

350.0	733.4	709.0	683.2	655.4	626.7	597.3	566.8	535.3	503.2	470.5
355.0	732.4	707.7	682.2	655.2	627.2	597.7	567.8	537.3	506.6	474.2
360.0	732.7	708.2	682.7	656.3	627.9	599.4	569.8	539.6	508.9	476.8

C\γ	**50.0**	**52.5**	**55.0**	**57.5**	**60.0**	**62.5**	**65.0**	**67.5**	**70.0**	**72.5**
0.0	444.9	411.9	377.5	344.3	309.7	274.5	239.8	205.3	172.3	140.8
5.0	450.7	418.0	384.1	350.0	315.3	280.1	245.2	211.2	178.2	146.9
10.0	452.5	419.9	385.9	352.3	318.2	283.9	250.4	217.9	186.5	157.1
15.0	449.1	415.8	382.4	349.9	316.7	285.1	254.1	224.8	197.0	170.6
20.0	446.6	414.0	381.8	350.6	320.4	291.7	264.3	237.8	212.3	187.6
25.0	448.6	418.3	388.7	360.8	333.8	308.3	282.7	257.5	233.1	209.5
30.0	464.8	437.6	410.1	383.6	357.4	331.8	306.2	280.7	256.3	233.4
35.0	490.1	463.5	436.2	409.2	382.5	356.0	329.9	304.8	280.3	257.1
40.0	511.6	484.3	456.3	429.5	402.3	376.3	350.6	325.7	301.3	278.9
45.0	523.7	496.5	469.7	443.6	416.7	392.1	366.7	342.7	319.1	296.4
50.0	533.3	507.6	481.6	456.9	431.5	406.4	381.7	357.4	334.2	311.6
55.0	547.9	523.7	497.8	473.0	446.9	422.3	397.8	373.1	349.3	326.4
60.0	566.4	541.2	514.9	489.6	463.3	438.8	412.8	388.6	364.3	340.8
65.0	573.2	548.6	522.1	497.1	470.3	445.4	420.3	395.7	371.5	347.8
70.0	573.1	548.5	522.7	498.1	473.1	448.2	422.5	397.7	373.5	349.9
75.0	575.8	551.8	525.9	501.0	474.8	450.1	425.1	400.2	376.4	353.5
80.0	576.9	552.4	527.0	502.5	477.2	452.4	427.3	402.8	378.4	355.3
85.0	578.5	554.2	528.3	503.6	477.8	452.9	428.0	403.1	378.9	355.3
90.0	630.7	605.3	580.0	554.7	528.9	502.3	476.6	450.5	424.5	399.4
95.0	630.0	604.8	579.9	554.4	528.5	501.9	475.5	450.3	424.0	398.5
100.0	628.2	602.7	577.0	551.2	525.7	498.9	472.3	446.5	420.6	395.9
105.0	624.8	599.5	574.3	549.1	523.3	496.3	469.4	442.9	417.4	391.4
110.0	622.3	596.4	571.5	544.6	519.2	491.9	465.9	439.4	412.7	387.6
115.0	615.7	590.2	564.9	538.3	512.4	484.9	459.0	432.0	405.8	380.6
120.0	599.2	573.8	548.6	523.0	497.1	470.1	444.1	417.5	392.0	366.2
125.0	580.2	554.0	529.1	503.4	477.4	451.1	425.1	399.2	373.9	349.0
130.0	564.1	537.8	511.8	485.9	459.6	433.5	407.2	381.5	356.5	331.4
135.0	549.2	522.0	495.1	467.9	441.4	415.1	388.2	362.7	337.3	312.4
140.0	529.8	502.8	475.1	447.7	420.1	393.4	367.2	340.6	315.5	290.4
145.0	503.9	476.3	449.2	422.3	394.7	368.0	341.4	315.4	290.2	265.5
150.0	477.4	448.8	421.4	394.6	368.0	341.5	315.2	289.4	264.1	239.8
155.0	461.1	429.7	399.3	370.0	342.5	316.0	290.1	264.6	239.5	215.0
160.0	457.0	423.7	391.4	359.7	328.8	299.6	272.2	244.8	218.7	193.0
165.0	459.8	426.2	392.9	360.0	327.0	294.6	263.2	232.1	202.9	175.0
170.0	459.8	426.7	393.5	359.6	325.4	290.8	256.9	223.0	191.0	160.8
175.0	459.4	425.6	391.3	357.3	322.1	286.6	251.4	216.1	182.9	151.1
180.0	462.6	428.8	394.2	358.8	323.1	287.1	251.4	215.7	181.3	148.8
185.0	468.4	434.0	399.9	364.9	329.5	293.6	257.1	221.7	187.3	154.8
190.0	468.7	434.4	400.3	365.8	331.0	295.9	261.3	227.6	195.2	164.9
195.0	464.2	429.6	395.9	362.3	329.2	297.0	266.5	236.9	208.3	180.6
200.0	464.5	432.5	400.9	370.5	339.8	310.2	281.8	254.4	227.5	201.5
205.0	475.1	445.1	415.4	386.4	358.0	330.5	303.7	277.7	251.8	226.8
210.0	494.1	465.7	437.8	410.6	383.7	356.4	330.5	304.3	278.8	254.3

Photometric Data Table [cd]

215.0	520.3	493.2	465.5	437.9	411.0	384.1	357.8	332.0	306.5	282.2
220.0	543.1	515.8	489.0	462.1	435.5	408.6	382.9	357.3	332.4	308.1
225.0	557.4	531.1	505.1	479.3	453.8	428.1	403.0	377.8	353.1	329.2
230.0	570.4	545.1	520.6	495.8	471.2	445.7	421.1	396.3	372.0	348.3
235.0	587.3	563.2	539.3	514.6	489.8	464.4	440.0	415.3	391.0	367.1
240.0	607.4	582.9	558.9	533.8	509.0	483.5	458.8	434.1	409.1	384.6
245.0	617.4	592.5	567.8	543.3	518.9	493.8	469.0	443.5	419.0	394.4
250.0	618.2	594.2	570.3	545.9	521.0	496.2	471.5	446.7	422.3	398.1
255.0	622.3	597.6	573.7	549.6	525.0	499.9	475.5	450.5	426.4	401.9
260.0	624.4	599.8	576.4	552.1	527.5	501.6	477.4	452.6	428.1	404.1
265.0	624.6	601.0	577.1	552.5	528.7	504.1	479.2	454.7	429.9	405.6
270.0	572.9	548.8	524.6	500.9	476.5	452.9	428.5	405.5	382.1	359.7
275.0	570.0	546.9	521.4	498.6	473.5	449.7	425.3	401.6	378.5	355.8
280.0	565.5	542.0	516.8	493.2	468.7	445.2	420.8	397.5	374.2	352.1
285.0	560.5	537.0	511.4	487.5	462.2	438.5	414.8	390.9	368.0	345.9
290.0	556.9	533.0	507.5	483.2	458.0	433.9	409.2	385.6	362.5	340.0
295.0	550.7	526.3	500.7	477.0	451.4	427.1	402.9	379.0	355.5	333.4
300.0	539.6	514.3	488.1	463.7	438.7	414.8	389.9	366.4	342.9	321.1
305.0	527.2	501.8	475.3	450.6	424.2	400.0	375.9	351.9	328.7	306.7
310.0	515.2	489.5	462.5	437.0	411.1	386.0	361.4	337.6	314.3	292.1
315.0	501.0	475.3	448.6	422.9	396.6	371.5	346.5	322.2	299.0	277.0
320.0	483.7	456.8	430.2	404.4	378.5	352.6	327.8	303.1	280.0	257.8
325.0	466.6	437.9	410.4	383.9	357.1	332.1	306.8	282.9	259.4	237.2
330.0	455.0	424.9	394.9	366.3	338.7	312.9	287.6	262.7	239.1	216.4
335.0	444.7	414.6	384.3	354.7	325.6	298.0	271.0	245.0	219.8	196.4
340.0	432.3	401.9	372.2	342.6	313.3	284.5	256.2	228.4	201.8	176.9
345.0	429.6	396.5	364.6	333.5	302.8	272.8	243.8	214.5	186.5	160.1
350.0	437.9	404.0	370.5	337.5	303.7	271.5	238.9	207.3	176.7	148.3
355.0	441.9	408.8	375.3	341.6	307.6	272.7	238.1	204.4	171.9	141.5
360.0	444.9	411.9	377.5	344.3	309.7	274.5	239.8	205.3	172.3	140.8

C\γ	**75.0**	**77.5**	**80.0**	**82.5**	**85.0**	**87.5**	**90.0**	**92.5**	**95.0**	**97.5**
0.0	110.9	82.7	57.7	35.3	16.9	4.1	0.0	0.0	0.0	0.0
5.0	117.0	89.5	64.8	43.3	25.5	12.8	5.7	2.8	1.4	0.6
10.0	129.1	103.5	80.6	60.6	43.3	30.2	20.6	14.5	10.7	8.3
15.0	145.0	121.3	100.1	80.9	64.5	50.9	40.3	31.7	25.3	20.5
20.0	164.2	142.3	121.9	103.8	87.2	72.9	61.1	51.2	43.2	36.5
25.0	186.7	165.5	146.0	127.6	111.2	96.1	83.6	72.0	62.3	54.3
30.0	210.9	189.7	170.2	151.7	134.8	119.2	105.7	93.1	82.3	72.8
35.0	234.9	214.5	194.0	175.5	157.9	141.8	127.4	113.9	102.0	91.5
40.0	256.3	235.6	215.6	196.2	178.1	161.8	146.8	132.4	119.5	108.3
45.0	274.5	253.3	233.1	213.9	195.4	178.4	162.8	148.3	134.8	122.8
50.0	289.2	268.0	247.5	228.2	210.1	192.9	176.9	161.6	148.0	135.2
55.0	303.3	281.9	261.5	241.8	223.5	206.4	189.5	173.6	159.8	146.5
60.0	317.2	295.4	274.3	254.5	235.7	218.1	201.1	184.6	170.3	156.9
65.0	324.0	302.3	281.2	261.6	242.1	224.5	207.2	190.8	175.9	162.7
70.0	326.7	305.2	284.0	264.5	245.2	227.1	210.6	194.3	179.2	165.6
75.0	330.1	308.1	287.2	267.1	248.2	230.0	212.9	196.6	181.6	168.1

Photometric Data Table [cd]

80.0	332.2	310.0	289.0	269.2	249.6	231.9	214.6	197.9	183.1	169.7
85.0	332.3	310.3	289.2	269.0	249.7	231.5	214.9	198.3	183.5	169.7
90.0	375.2	350.7	327.9	305.6	284.7	264.2	244.9	227.1	210.0	193.4
95.0	374.5	350.3	327.3	304.9	283.6	263.0	243.7	225.9	208.6	192.1
100.0	371.5	347.1	324.0	301.9	281.0	260.2	240.9	222.9	205.6	189.6
105.0	366.9	342.8	320.1	298.0	277.5	256.6	237.2	219.6	202.6	186.7
110.0	362.5	338.2	315.2	293.0	272.5	252.7	232.6	214.7	198.4	182.5
115.0	356.0	331.6	308.5	286.3	265.6	246.0	226.2	208.8	192.3	176.4
120.0	342.4	318.8	295.7	274.1	253.9	233.8	215.1	198.0	181.6	166.6
125.0	325.2	302.0	279.9	258.3	238.5	219.1	201.2	184.3	168.7	154.3
130.0	307.9	285.1	263.3	242.5	222.7	204.4	186.5	170.4	155.6	141.4
135.0	288.9	266.1	245.3	224.5	205.3	187.0	169.6	154.5	140.1	127.0
140.0	266.9	244.2	223.5	203.6	184.6	166.8	150.4	136.3	122.8	110.4
145.0	242.2	219.9	199.1	180.0	161.4	144.5	129.1	115.9	103.3	91.8
150.0	216.9	194.8	173.9	154.9	137.1	121.2	106.6	94.5	82.9	72.8
155.0	191.7	169.1	148.5	129.5	112.6	97.0	83.8	72.6	62.5	53.9
160.0	168.4	145.2	123.9	105.1	88.3	73.7	61.3	51.5	43.0	35.9
165.0	148.9	124.3	102.0	82.3	65.5	51.5	40.4	31.8	25.4	20.5
170.0	132.8	106.5	82.9	61.8	44.6	30.9	21.5	14.9	10.6	7.9
175.0	120.8	93.0	67.5	45.3	27.1	13.8	5.7	2.2	1.1	0.6
180.0	117.5	88.5	61.9	38.9	19.2	5.2	0.0	0.0	0.0	0.0
185.0	123.8	95.3	69.1	46.6	28.1	14.8	6.7	2.9	1.3	1.0
190.0	136.3	109.7	85.3	64.5	47.0	33.0	23.0	16.3	11.8	9.1
195.0	154.3	129.4	107.1	87.1	70.1	55.2	43.6	34.5	28.0	23.0
200.0	176.6	153.5	131.9	112.5	95.4	80.0	66.8	56.3	47.4	40.1
205.0	202.9	180.1	159.1	139.9	122.3	106.3	91.8	79.8	69.5	60.3
210.0	231.2	208.7	187.8	168.3	150.0	133.1	117.8	104.6	92.7	81.9
215.0	258.9	236.8	215.7	196.0	177.1	159.4	142.9	128.9	115.8	103.8
220.0	285.3	262.4	241.4	221.5	202.3	184.0	166.7	151.5	137.3	124.7
225.0	306.4	283.8	262.8	243.1	223.3	204.6	186.6	170.6	155.7	142.1
230.0	325.6	302.9	281.8	261.0	241.3	221.8	203.8	187.8	172.3	157.7
235.0	344.3	321.3	299.4	278.3	258.4	238.6	220.6	203.7	187.2	172.1
240.0	361.9	338.5	316.4	294.5	274.3	254.0	235.4	217.7	200.6	184.8
245.0	371.9	347.6	325.3	303.9	283.3	262.8	243.9	226.3	209.4	193.2
250.0	374.9	351.5	329.3	308.0	287.6	267.0	248.4	230.8	214.0	196.9
255.0	378.7	355.2	333.4	312.0	291.2	271.2	252.1	234.7	217.2	200.8
260.0	380.8	357.7	335.3	314.2	293.2	273.4	254.4	236.8	219.2	202.9
265.0	382.8	359.3	336.8	315.6	295.0	274.7	255.6	237.7	220.5	204.5
270.0	336.9	316.0	295.3	275.9	257.2	239.2	222.9	206.9	191.9	177.9
275.0	333.4	312.5	292.0	272.7	254.2	237.0	220.3	204.5	189.8	176.0
280.0	329.9	308.6	288.1	268.8	250.4	233.2	216.8	200.8	186.4	172.4
285.0	324.0	303.4	283.1	263.2	244.8	227.7	211.9	196.2	181.4	168.0
290.0	318.2	297.4	277.3	257.8	239.7	222.3	206.9	191.0	176.2	162.8
295.0	310.9	290.1	270.4	251.3	233.1	215.6	200.1	184.4	169.8	156.5
300.0	298.8	278.4	258.8	239.7	221.8	205.1	189.4	173.6	159.9	146.8
305.0	284.7	264.5	244.8	226.8	208.9	192.6	177.1	162.1	148.5	136.1
310.0	270.5	250.2	230.8	212.4	194.8	178.8	164.1	149.3	136.3	124.2
315.0	254.9	234.7	215.3	197.2	180.0	164.0	149.5	135.1	122.5	111.3
320.0	235.8	215.8	196.4	178.6	161.9	146.5	132.4	118.7	107.0	96.4

Photometric Data Table [cd]

325.0	215.5	195.6	176.1	158.4	142.1	127.2	113.8	101.0	90.3	80.7
330.0	194.8	174.1	155.4	137.6	121.3	106.7	94.4	82.4	72.5	63.8
335.0	174.0	152.3	133.5	115.6	100.0	86.0	74.4	63.3	54.8	47.4
340.0	153.3	131.9	111.9	94.5	78.7	65.4	54.5	45.0	37.7	31.8
345.0	135.1	112.3	91.7	73.6	58.1	45.5	35.7	27.8	21.9	17.8
350.0	121.0	96.3	74.2	55.2	39.3	27.2	18.6	13.1	9.6	7.6
355.0	112.6	85.8	62.0	40.7	23.8	12.0	5.7	3.0	1.9	1.5
360.0	110.9	82.7	57.7	35.3	16.9	4.1	0.0	0.0	0.0	0.0

C\γ	**100.0**	**102.5**	**105.0**	**107.5**	**110.0**	**112.5**	**115.0**	**117.5**	**120.0**	**122.5**
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
10.0	6.6	5.2	4.3	3.9	3.6	3.6	3.5	3.4	3.4	3.4
15.0	17.0	14.6	12.6	10.9	9.6	8.5	7.8	7.3	7.1	6.8
20.0	31.1	26.9	23.4	20.7	18.1	16.3	14.6	13.2	12.0	11.1
25.0	47.3	41.6	36.3	32.2	28.7	25.5	22.7	20.3	18.5	17.0
30.0	64.3	57.1	50.8	45.4	40.4	36.2	32.5	29.2	26.4	23.7
35.0	81.4	72.9	65.6	58.9	53.3	48.0	43.3	39.2	35.5	32.0
40.0	97.8	88.1	79.5	72.1	65.1	59.1	53.9	49.0	44.2	40.1
45.0	111.5	101.3	92.0	83.7	75.7	69.0	62.8	57.4	52.4	47.7
50.0	123.4	112.7	102.8	93.8	85.2	77.8	70.7	64.6	58.9	53.9
55.0	134.3	123.0	112.4	102.9	94.0	85.8	78.2	71.5	65.3	59.8
60.0	143.9	132.0	121.3	111.3	102.0	93.4	85.3	78.0	71.3	65.2
65.0	149.9	137.4	126.6	116.3	106.9	98.4	89.8	82.3	75.3	68.9
70.0	153.0	141.1	129.5	119.5	109.6	101.1	92.7	85.0	77.8	71.5
75.0	155.5	143.8	132.6	122.1	112.3	103.3	95.0	87.2	79.9	73.4
80.0	156.6	145.0	134.1	123.6	114.2	105.3	96.7	88.7	81.4	74.7
85.0	156.6	145.0	134.0	123.6	113.9	105.2	96.5	88.7	81.3	74.8
90.0	178.8	164.9	151.6	139.9	128.9	118.5	108.6	99.9	91.5	83.6
95.0	177.7	163.8	150.8	138.8	127.9	117.4	107.8	99.0	90.6	83.0
100.0	175.1	161.4	148.4	136.7	126.0	115.8	106.1	97.1	88.9	81.3
105.0	172.1	158.5	145.8	134.0	123.2	113.2	103.9	94.7	86.9	79.0
110.0	167.9	154.5	141.8	130.5	119.8	109.4	99.6	91.1	83.2	75.9
115.0	162.2	148.9	136.5	124.8	114.0	103.9	94.7	86.6	79.0	71.8
120.0	152.8	140.0	127.9	116.4	106.0	96.3	87.8	80.2	72.6	65.8
125.0	141.1	128.7	116.7	106.1	96.3	87.5	79.5	72.1	65.4	59.1
130.0	128.9	116.8	105.7	95.5	86.5	78.6	71.0	64.4	58.0	52.3
135.0	114.8	103.4	93.3	84.0	75.8	68.6	61.8	55.8	50.2	45.4
140.0	99.0	88.7	79.5	71.5	64.2	57.7	51.7	46.6	42.0	38.0
145.0	81.6	72.6	64.8	57.7	51.6	46.1	41.4	37.3	33.7	30.4
150.0	64.2	56.3	49.7	43.9	38.9	35.0	31.2	28.1	25.4	23.0
155.0	46.6	40.5	35.3	31.2	27.7	24.6	22.0	19.4	17.8	16.1
160.0	30.5	26.2	22.9	20.1	17.8	14.8	13.9	12.9	11.5	10.6
165.0	17.0	14.4	12.4	9.4	9.2	8.7	7.9	7.5	6.8	6.4
170.0	6.2	5.1	4.4	3.9	3.5	3.3	3.2	3.2	3.2	3.2
175.0	0.6	0.6	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3
180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
185.0	1.0	1.0	1.0	1.1	1.4	1.5	1.7	1.7	1.8	2.0

Photometric Data Table [cd]

190.0	7.1	6.2	5.1	4.2	3.7	3.4	3.4	3.4	3.4	3.4
195.0	19.2	16.4	14.2	12.4	11.3	10.1	8.7	8.1	7.2	6.8
200.0	34.6	30.0	26.3	23.4	21.0	19.1	17.3	15.9	14.4	12.9
205.0	52.8	46.5	41.1	36.8	32.9	29.7	27.0	24.6	22.6	20.8
210.0	72.9	64.9	57.9	51.8	46.5	42.0	38.0	34.3	31.6	28.7
215.0	92.9	83.6	75.2	67.8	61.2	55.1	49.7	45.1	41.0	37.3
220.0	112.7	101.6	92.0	83.4	75.5	68.6	62.2	56.1	51.0	46.5
225.0	129.5	117.8	107.2	97.2	88.4	80.6	73.3	66.6	60.5	54.8
230.0	144.6	132.1	120.6	110.0	100.4	91.5	83.6	76.1	69.4	63.2
235.0	158.5	145.2	132.9	121.7	111.3	101.6	93.1	84.9	77.6	70.6
240.0	170.4	157.0	143.9	132.5	121.2	111.2	101.7	92.8	84.9	77.4
245.0	178.4	164.6	151.4	139.2	127.9	117.5	107.4	98.3	90.0	82.3
250.0	182.2	168.1	155.1	143.0	131.6	120.9	110.7	101.6	93.0	85.2
255.0	186.0	171.6	158.1	145.6	134.6	123.9	113.8	104.4	95.4	87.4
260.0	188.0	173.6	159.9	147.3	135.8	125.2	115.2	105.8	97.0	88.8
265.0	189.1	174.8	161.3	148.6	137.3	126.3	116.2	106.4	97.4	89.2
270.0	164.7	152.7	141.3	130.5	120.5	111.5	102.6	94.5	86.7	79.6
275.0	162.8	150.7	139.3	128.6	118.7	109.6	100.9	92.8	85.0	78.0
280.0	159.3	147.4	136.1	125.6	115.8	106.8	98.4	90.4	82.8	75.8
285.0	154.8	143.0	131.7	121.5	111.9	103.3	94.9	87.2	80.1	73.4
290.0	150.1	138.2	126.9	117.1	107.6	99.2	91.1	83.6	76.6	70.2
295.0	143.9	132.1	121.7	111.8	102.7	94.3	86.2	78.9	72.3	66.2
300.0	134.6	123.5	113.1	103.9	95.3	87.0	79.4	72.7	66.3	60.6
305.0	124.2	114.0	104.2	95.1	86.8	79.1	71.8	65.9	60.0	54.8
310.0	113.1	103.1	93.9	85.2	77.2	70.3	64.0	58.4	53.3	48.3
315.0	100.6	91.3	82.6	74.5	67.5	61.5	55.9	50.9	46.2	41.8
320.0	86.7	77.9	69.9	63.1	57.1	51.8	46.9	42.3	38.4	35.0
325.0	71.7	63.8	57.3	51.4	46.2	41.6	37.5	33.8	30.7	28.1
330.0	56.3	50.0	44.4	39.6	35.3	31.6	28.7	26.0	23.5	21.4
335.0	41.3	36.0	31.6	28.1	25.1	22.5	20.3	18.5	17.0	15.9
340.0	27.0	23.2	20.3	17.9	16.1	14.5	13.3	12.3	11.3	10.4
345.0	15.0	12.8	11.1	10.1	9.0	8.1	7.5	6.7	6.0	5.5
350.0	6.3	5.3	4.8	4.4	3.6	3.2	2.9	3.0	3.0	3.0
355.0	1.0	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7
360.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C\γ	**125.0**	**127.5**	**130.0**	**132.5**	**135.0**	**137.5**	**140.0**	**142.5**	**145.0**	**147.5**
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.0	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.7	0.9
10.0	3.4	3.4	3.4	3.5	3.4	3.4	3.3	3.3	3.0	3.0
15.0	6.6	6.3	5.8	5.3	5.1	4.7	4.7	4.5	4.4	4.3
20.0	10.6	9.9	8.8	8.1	7.3	6.8	6.7	6.1	5.7	5.7
25.0	15.5	13.7	12.4	11.0	9.9	8.8	8.3	7.9	7.6	6.9
30.0	20.4	18.4	16.1	14.0	12.5	11.3	11.0	10.4	9.5	8.7
35.0	29.0	24.8	20.8	18.5	16.4	15.2	13.9	12.0	11.6	10.9
40.0	36.5	33.1	28.7	25.0	21.6	18.8	16.9	15.5	13.2	12.8
45.0	43.3	39.3	35.7	31.4	27.2	23.4	20.3	18.0	16.4	13.8
50.0	49.1	44.6	40.5	37.0	32.1	27.9	23.8	20.4	18.3	16.4

Photometric Data Table [cd]

55.0	54.5	49.6	45.0	41.0	37.0	31.7	26.9	23.3	20.3	18.0
60.0	59.9	54.3	49.3	44.8	40.6	36.3	30.5	25.6	22.1	19.4
65.0	63.2	57.8	52.5	47.6	43.3	39.0	33.0	28.1	23.7	20.4
70.0	65.5	60.0	54.8	49.7	45.0	40.8	36.1	30.1	24.9	21.6
75.0	67.6	61.7	56.7	51.4	46.5	42.3	38.3	31.5	26.1	22.6
80.0	68.7	62.6	57.4	52.3	47.3	42.9	38.7	32.3	27.3	23.3
85.0	68.6	62.8	57.4	52.4	47.4	42.9	38.6	32.7	28.0	23.4
90.0	76.7	69.9	63.6	57.5	51.9	47.0	42.0	36.3	30.4	24.3
95.0	75.8	69.1	62.8	56.6	51.1	46.2	41.5	35.4	29.9	24.0
100.0	74.1	67.5	61.1	55.2	50.0	45.1	40.3	34.1	28.8	23.1
105.0	72.2	65.4	59.3	53.5	48.4	43.3	39.0	32.4	26.6	22.1
110.0	69.0	62.6	56.8	51.2	46.2	41.5	37.0	30.5	24.9	20.7
115.0	65.1	58.7	53.2	48.1	43.2	38.8	33.4	28.6	22.9	19.1
120.0	59.6	54.0	48.6	43.8	39.5	35.4	29.5	24.4	20.4	17.1
125.0	53.3	48.2	43.5	39.0	35.1	29.9	25.7	21.2	17.7	15.2
130.0	47.1	42.5	38.6	34.8	30.5	26.3	21.7	18.4	16.0	14.0
135.0	40.9	37.2	33.5	29.6	25.5	21.5	18.1	15.6	13.8	11.9
140.0	34.3	31.2	27.2	23.7	20.0	16.9	14.8	13.2	11.1	10.3
145.0	27.5	23.5	20.1	17.4	15.0	13.0	11.8	9.9	9.5	8.5
150.0	20.7	18.1	15.9	13.7	11.9	10.4	9.1	8.3	7.4	6.6
155.0	14.5	13.4	11.7	10.3	9.0	8.1	7.1	6.6	5.5	5.1
160.0	9.9	9.1	8.6	7.5	6.7	6.3	5.2	4.9	4.8	4.7
165.0	5.9	5.6	5.2	4.7	4.5	4.1	3.7	3.5	3.4	3.2
170.0	3.2	3.2	3.2	3.1	3.0	2.9	2.7	2.3	2.1	2.1
175.0	1.3	1.3	1.3	1.3	1.4	1.3	1.5	1.6	1.7	1.7
180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
185.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
190.0	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
195.0	6.7	6.7	6.1	5.4	5.1	5.1	5.1	5.1	5.2	5.1
200.0	11.5	10.7	9.6	8.9	8.1	7.3	6.9	6.4	6.0	5.8
205.0	19.1	17.5	15.1	13.0	11.5	10.7	9.5	9.0	7.9	7.6
210.0	25.6	23.4	21.0	18.6	16.1	14.1	13.0	12.0	10.9	10.0
215.0	33.8	29.6	26.3	23.4	20.8	18.9	16.6	14.7	13.6	12.6
220.0	42.2	38.5	33.9	30.4	26.6	23.7	21.1	18.7	15.6	14.8
225.0	49.9	45.4	41.2	36.0	32.6	28.4	25.2	22.2	19.5	16.2
230.0	57.2	52.0	47.3	43.0	37.4	33.6	29.0	25.7	22.6	19.6
235.0	64.0	58.3	53.1	48.1	43.4	37.7	33.4	29.0	25.7	22.4
240.0	70.3	64.1	58.0	52.7	47.7	41.7	36.9	31.8	28.0	24.7
245.0	75.1	68.3	62.0	56.2	50.8	45.8	39.0	34.6	29.7	26.0
250.0	77.8	71.0	64.5	58.4	52.8	47.7	41.1	36.2	30.5	26.8
255.0	80.0	73.1	66.4	60.0	54.5	49.1	43.2	37.0	31.4	27.6
260.0	81.3	74.2	67.6	61.2	55.2	49.8	44.4	37.4	32.3	27.7
265.0	81.5	74.6	68.0	61.5	55.7	50.5	45.2	37.8	33.2	28.1
270.0	72.9	66.8	61.4	56.1	50.8	46.0	41.5	34.3	29.6	25.3
275.0	71.5	65.6	60.0	55.0	49.9	45.1	40.8	34.1	29.3	25.3
280.0	69.8	63.9	58.5	53.4	48.8	44.0	39.3	33.3	28.5	25.1
285.0	67.3	61.6	56.4	51.3	46.5	42.1	36.9	32.4	27.6	24.2
290.0	64.2	58.8	53.9	49.0	44.3	40.1	34.6	30.9	26.2	23.3
295.0	60.7	55.3	50.4	45.8	41.6	37.5	32.5	28.5	24.9	22.1

Photometric Data Table [cd]

300.0	55.4	50.4	45.9	41.7	37.8	33.3	29.9	25.8	23.0	20.4
305.0	50.0	45.5	41.3	37.7	33.5	29.9	26.7	23.6	21.3	18.7
310.0	44.1	40.1	36.4	33.0	29.3	26.5	23.7	21.3	18.9	16.4
315.0	38.0	34.6	31.6	28.3	25.7	23.0	20.7	18.6	16.3	13.9
320.0	31.7	29.0	26.0	23.5	21.4	19.2	17.3	15.3	13.2	11.8
325.0	25.3	23.0	20.8	19.0	17.3	15.6	13.9	12.2	11.0	10.2
330.0	19.5	17.9	16.5	15.0	13.3	11.9	10.7	9.7	9.1	8.6
335.0	14.5	13.4	11.9	10.6	9.4	8.7	8.1	7.8	7.3	7.1
340.0	9.4	8.3	7.4	7.0	6.6	6.4	6.2	6.0	5.8	5.6
345.0	5.2	5.1	4.9	4.7	4.5	4.5	4.5	4.5	4.5	4.5
350.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.1	3.1	3.2
355.0	1.0	1.1	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.5
360.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C\γ	**150.0**	**152.5**	**155.0**	**157.5**	**160.0**	**162.5**	**165.0**	**167.5**	**170.0**	**172.5**
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.0	1.4	1.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
10.0	3.0	3.0	2.6	2.4	2.3	2.2	1.6	0.4	0.2	0.2
15.0	4.2	4.0	3.6	3.5	3.4	3.0	2.6	2.2	1.0	0.3
20.0	5.4	5.0	5.0	5.0	4.5	4.0	3.5	3.1	2.2	0.9
25.0	6.7	6.3	6.0	5.5	5.3	5.3	4.3	3.7	2.9	2.3
30.0	8.0	7.5	6.9	6.5	5.7	5.5	5.5	4.6	3.7	2.8
35.0	9.7	8.9	8.0	7.2	6.8	5.9	5.7	5.2	4.1	3.2
40.0	11.5	10.4	9.2	8.1	7.3	6.7	6.1	5.6	4.5	3.4
45.0	13.0	11.8	10.7	9.2	8.3	7.3	6.4	6.1	5.4	3.7
50.0	14.2	13.2	11.7	10.4	9.1	8.0	7.0	6.4	6.0	4.1
55.0	16.0	13.8	12.8	11.4	9.9	8.8	7.9	6.6	6.1	4.6
60.0	17.3	15.0	13.3	11.9	10.6	9.2	8.1	6.8	6.2	4.8
65.0	18.1	16.0	13.8	12.4	10.9	9.4	8.1	7.2	6.2	4.9
70.0	19.2	16.9	14.5	13.0	11.2	9.5	8.3	7.2	6.1	5.4
75.0	20.1	17.6	15.4	13.6	11.8	10.0	8.7	7.4	6.1	5.7
80.0	20.5	18.2	16.0	14.0	12.0	10.3	8.6	7.5	6.3	5.6
85.0	20.6	18.1	15.9	13.9	12.1	10.1	8.4	7.3	6.0	5.5
90.0	20.0	16.7	14.2	11.9	9.9	8.6	6.6	5.3	4.4	3.9
95.0	19.8	16.8	14.4	12.1	10.2	8.6	6.7	5.9	4.8	4.2
100.0	19.1	16.1	13.8	11.8	9.8	8.3	6.7	5.6	4.8	4.0
105.0	18.3	15.6	13.3	11.5	9.4	8.1	6.7	5.5	4.7	4.3
110.0	17.3	15.1	13.0	10.8	9.1	7.5	6.4	5.2	4.5	4.0
115.0	16.0	13.8	12.0	10.2	8.6	7.1	6.1	5.1	4.4	4.0
120.0	14.8	12.8	11.0	9.2	8.0	6.7	5.9	4.9	4.6	3.7
125.0	13.0	11.6	10.0	8.4	7.1	6.4	5.2	4.5	4.2	2.6
130.0	12.2	10.7	9.1	8.0	6.7	5.9	4.8	4.4	3.9	2.2
135.0	10.7	9.4	8.2	6.8	6.0	5.1	4.4	4.2	4.1	2.2
140.0	9.4	7.9	6.9	5.9	5.2	4.6	4.0	3.7	3.0	1.7
145.0	7.5	6.4	5.9	5.2	4.3	3.8	3.7	3.7	2.0	1.7
150.0	5.8	5.3	5.0	4.3	3.9	3.5	3.5	2.4	2.0	1.6
155.0	4.9	4.7	4.1	3.8	3.5	3.2	2.7	2.2	1.8	1.3
160.0	4.0	3.6	3.4	3.3	3.1	2.0	2.1	1.8	1.5	1.1

Photometric Data Table [cd]

165.0	3.1	3.0	2.3	2.1	2.1	1.9	1.7	1.5	1.1	0.4
170.0	2.1	2.0	1.8	1.7	1.5	1.4	1.3	0.5	0.2	0.2
175.0	1.6	1.1	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.2
180.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
185.0	2.0	2.0	2.0	0.2	0.1	0.1	0.1	0.1	0.1	0.0
190.0	3.4	3.4	3.2	3.0	2.8	2.3	1.8	0.1	0.2	0.2
195.0	5.1	4.7	4.0	3.6	3.3	3.1	2.6	2.1	0.2	0.1
200.0	5.6	5.4	5.4	5.3	4.3	3.9	3.2	2.5	1.8	0.2
205.0	7.5	6.9	6.4	5.8	5.7	5.3	4.0	3.3	2.5	1.8
210.0	9.0	8.3	7.8	7.0	6.4	5.9	5.5	4.0	2.9	2.3
215.0	11.3	10.2	9.0	8.1	7.3	6.7	5.7	4.6	3.7	2.5
220.0	13.3	12.1	10.7	9.2	8.3	7.1	6.4	5.7	4.2	2.7
225.0	14.9	13.3	11.7	10.2	8.8	7.6	6.8	6.4	4.4	2.8
230.0	16.3	14.8	12.9	11.3	9.5	8.0	7.1	6.6	5.2	2.9
235.0	19.0	16.4	14.2	12.3	10.7	9.0	7.4	6.8	5.9	3.5
240.0	21.2	17.7	15.6	13.5	11.3	9.7	8.1	6.9	6.4	4.3
245.0	22.6	19.0	16.3	13.8	12.1	10.0	8.7	6.9	6.7	4.5
250.0	23.2	19.9	16.5	14.0	11.9	10.0	8.4	7.1	6.0	4.8
255.0	23.9	20.2	16.8	14.2	12.1	10.2	8.4	6.9	5.6	4.8
260.0	24.3	20.7	17.2	14.5	12.3	10.2	8.6	6.9	6.1	5.1
265.0	24.6	20.9	17.4	14.6	12.4	10.5	8.7	7.0	6.0	4.5
270.0	22.3	19.7	16.5	13.6	11.8	10.3	8.8	7.8	6.4	5.6
275.0	22.4	19.6	16.6	13.8	12.2	10.5	9.0	7.7	6.3	5.6
280.0	22.1	19.5	16.3	13.5	11.7	10.2	8.6	7.5	6.4	5.6
285.0	21.5	18.7	15.6	12.9	11.4	9.7	8.4	7.1	6.4	5.4
290.0	20.5	17.6	15.0	12.6	10.8	9.4	8.3	6.8	6.4	5.0
295.0	19.5	16.5	13.8	12.0	10.6	9.1	8.0	6.7	6.1	4.9
300.0	17.9	15.0	12.8	11.3	9.9	8.7	7.6	6.8	6.0	4.7
305.0	16.0	13.7	12.1	10.8	9.5	8.4	6.7	6.6	5.7	4.5
310.0	14.1	12.2	11.0	9.9	8.7	7.5	6.8	6.3	5.6	4.5
315.0	12.2	11.0	9.9	9.0	7.9	7.2	6.6	5.7	5.0	4.0
320.0	10.9	9.8	8.8	7.9	7.2	6.7	6.1	5.7	4.5	4.0
325.0	9.2	8.5	7.8	7.2	6.8	6.3	5.6	5.2	4.3	3.6
330.0	8.1	7.4	6.9	6.6	6.2	5.8	5.3	4.7	4.0	3.5
335.0	6.7	6.4	6.1	5.9	5.5	5.2	4.6	4.3	3.7	3.4
340.0	5.7	5.4	5.2	5.0	4.8	4.4	4.0	3.7	3.4	3.1
345.0	4.5	4.4	4.3	4.0	3.8	3.6	3.5	3.3	2.8	0.5
350.0	3.2	3.2	3.2	3.2	3.2	3.0	2.8	1.9	0.4	0.4
355.0	1.6	1.7	1.7	1.8	0.5	0.3	0.3	0.3	0.3	0.3
360.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C\γ	**175.0**	**177.5**	**180.0**
0.0	0.0	0.0	0.0
5.0	0.3	0.3	0.0
10.0	0.2	0.2	0.0
15.0	0.2	0.2	0.0
20.0	0.5	0.3	0.0
25.0	0.9	0.5	0.0

Photometric Data Table [cd]

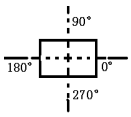
30.0	1.3	0.5	0.0
35.0	2.5	0.8	0.0
40.0	2.6	0.4	0.0
45.0	2.8	0.4	0.0
50.0	2.9	0.6	0.0
55.0	3.3	0.5	0.0
60.0	3.3	0.6	0.0
65.0	3.3	0.7	0.0
70.0	3.7	0.8	0.0
75.0	3.8	1.1	0.0
80.0	3.8	1.6	0.0
85.0	3.7	2.1	0.0
90.0	2.1	0.0	0.0
95.0	2.4	0.5	0.0
100.0	2.0	0.7	0.0
105.0	2.0	0.8	0.0
110.0	2.2	0.6	0.0
115.0	2.1	0.4	0.0
120.0	1.8	0.3	0.0
125.0	1.5	0.3	0.0
130.0	1.4	0.4	0.0
135.0	1.3	0.4	0.0
140.0	1.0	0.2	0.0
145.0	0.8	0.3	0.0
150.0	0.7	0.3	0.0
155.0	0.5	0.3	0.0
160.0	0.4	0.4	0.0
165.0	0.4	0.4	0.0
170.0	0.2	0.2	0.0
175.0	0.2	0.1	0.0
180.0	0.1	0.1	0.0
185.0	0.0	0.0	0.0
190.0	0.2	0.2	0.0
195.0	0.1	0.1	0.0
200.0	0.1	0.1	0.0
205.0	0.1	0.1	0.0
210.0	0.2	0.1	0.0
215.0	1.7	0.3	0.0
220.0	2.2	0.3	0.0
225.0	2.1	0.1	0.0
230.0	2.2	0.1	0.0
235.0	2.3	0.3	0.0
240.0	2.2	0.2	0.0
245.0	2.3	0.3	0.0
250.0	2.4	0.0	0.0
255.0	2.9	0.1	0.0
260.0	3.1	0.4	0.0
265.0	3.2	0.8	0.0
270.0	3.8	0.2	0.0

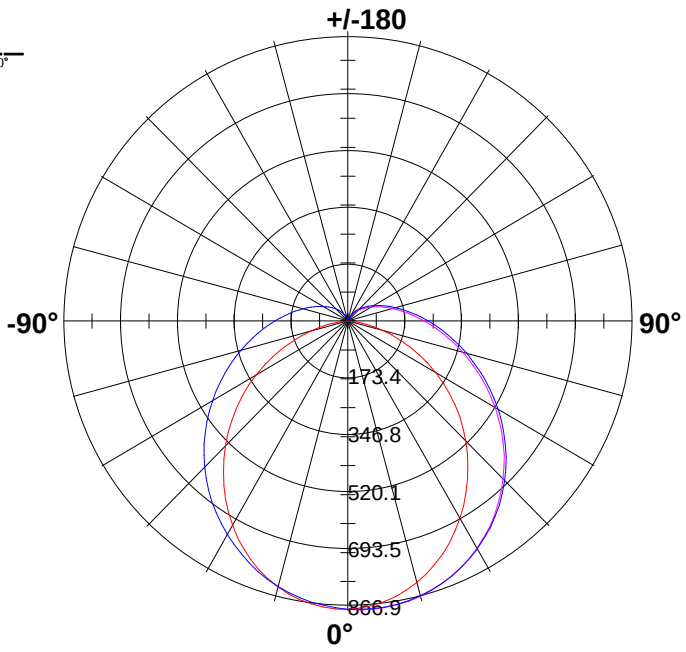
Photometric Data Table [cd]

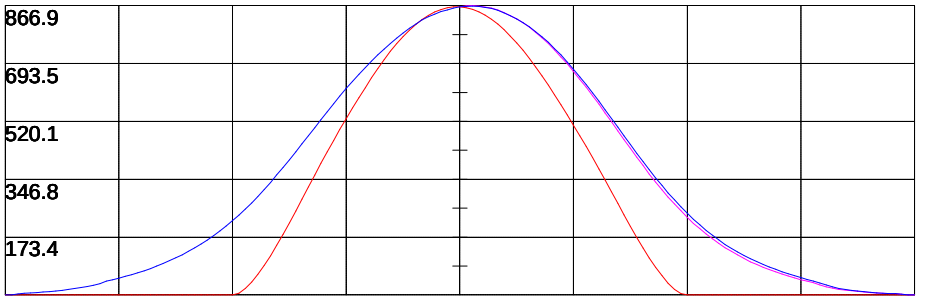
275.0	3.8	0.5	0.0
280.0	3.7	0.7	0.0
285.0	3.8	0.7	0.0
290.0	3.9	0.6	0.0
295.0	3.7	0.7	0.0
300.0	3.6	0.4	0.0
305.0	3.5	0.5	0.0
310.0	3.4	0.7	0.0
315.0	3.3	0.8	0.0
320.0	3.1	0.8	0.0
325.0	3.1	0.6	0.0
330.0	2.0	0.7	0.0
335.0	0.9	0.6	0.0
340.0	0.9	0.7	0.0
345.0	0.5	0.4	0.0
350.0	0.4	0.3	0.0
355.0	0.3	0.3	0.0
360.0	0.0	0.0	0.0

Light Distribution Curve [Unit: cd]

Luminaire



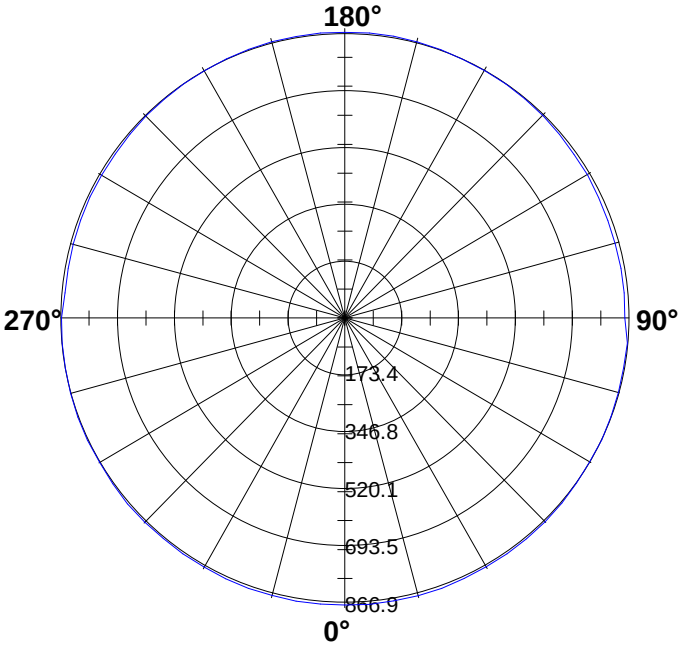


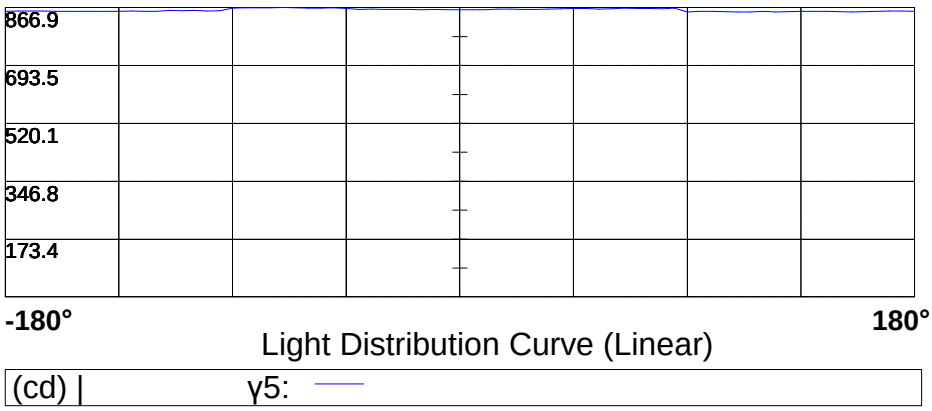


Light Distribution Curve (Linear)

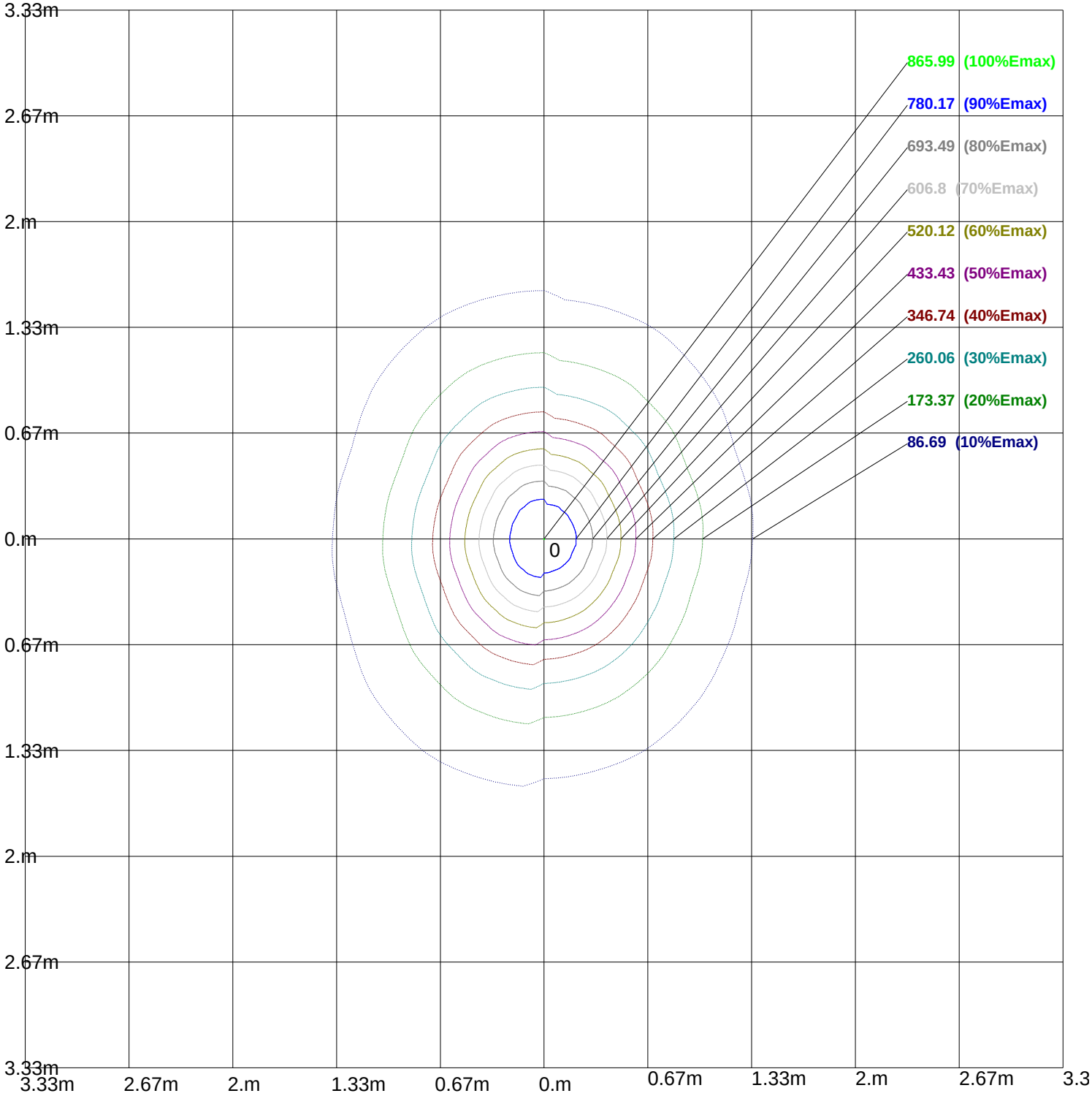
(cd) | C0/C180: C90/C270: C110:

Max Plane Light Distribution Curve [Unit: cd]





Iso-Lux[lx]



Height: 1 m
Max Illuminance : 866.86lx

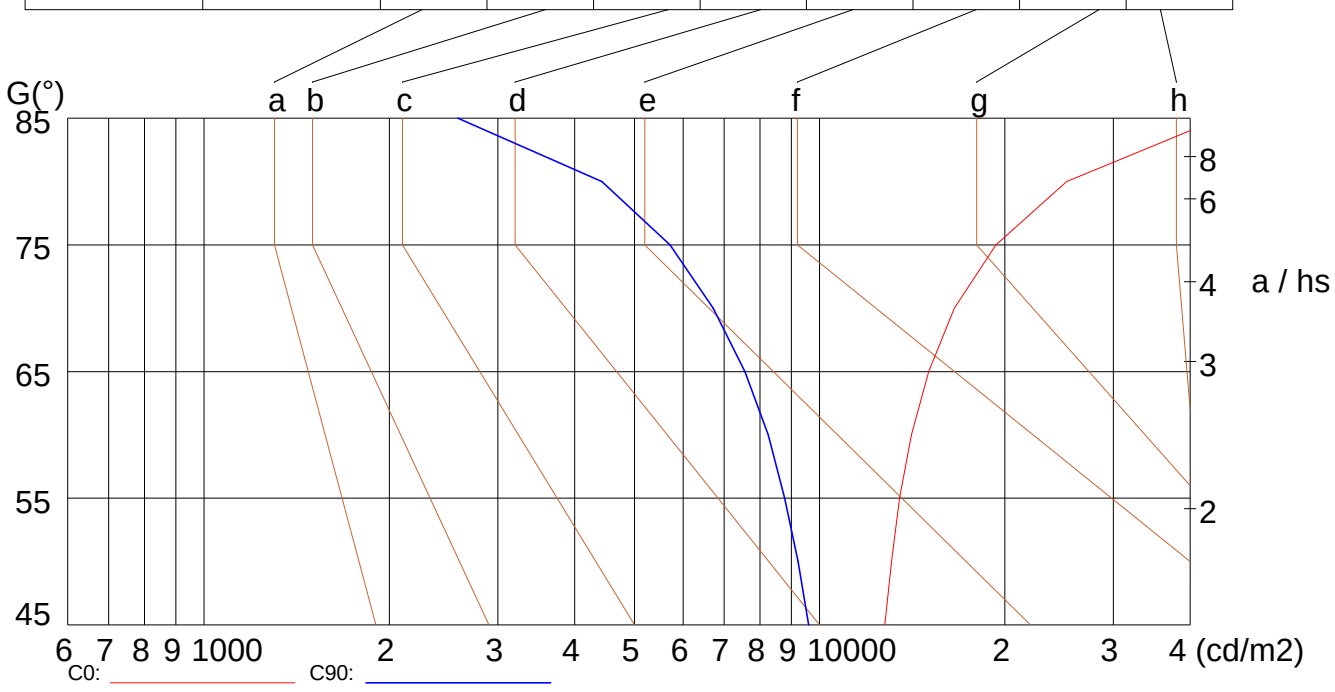
Luminance Limitting Curve

Diameter: 0mm
Length: 1500mm
Width: 50mm
Height: 50mm

(cd/m2)

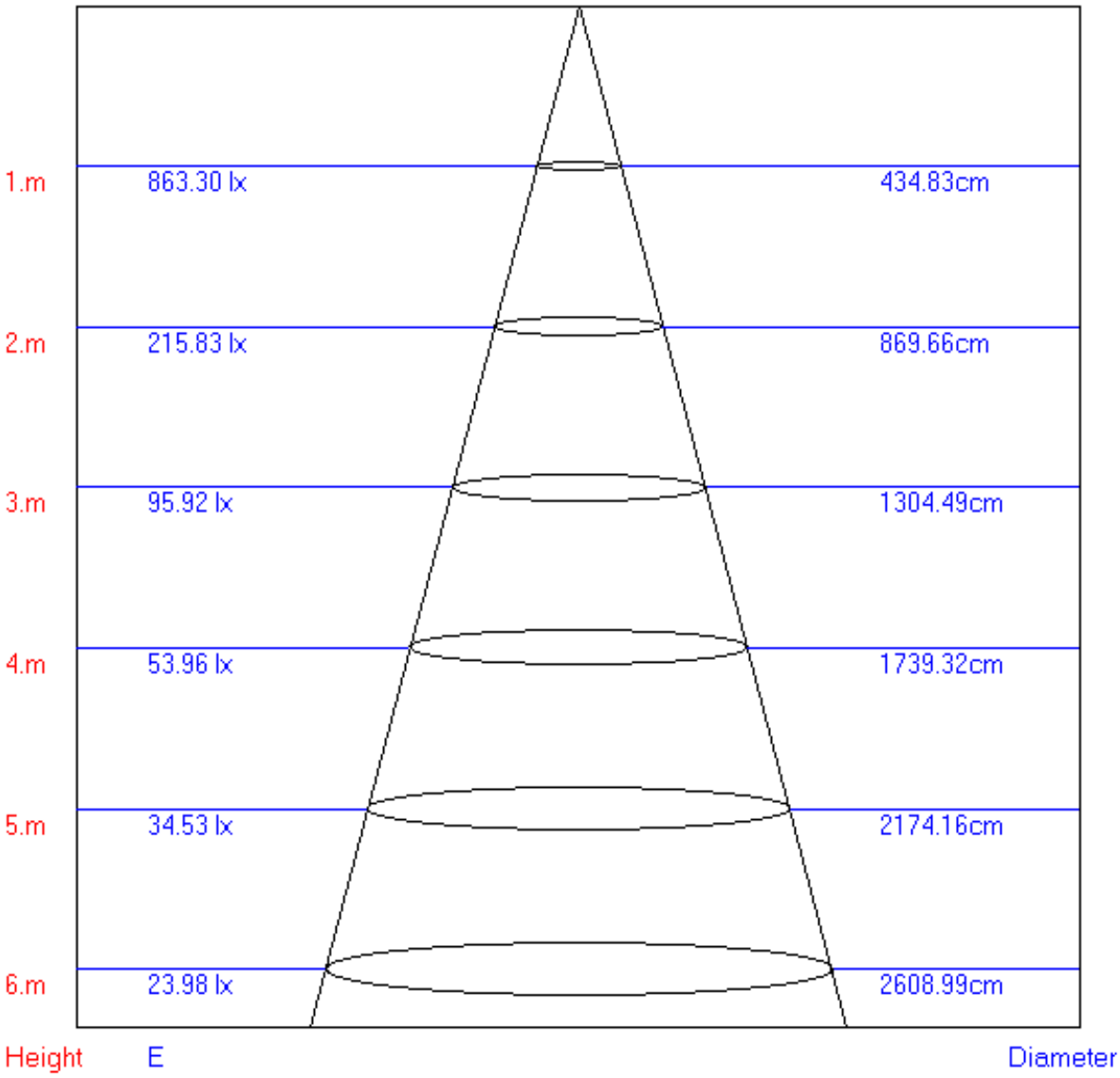
γ	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	12754	13083	13484	14104	15038	16549	19331	25179	43553
C90	9596	9228	8775	8258	7565	6715	5712	4427	2582

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:131.90°

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	1.02	0.99	0.98	1.00	0.98	0.96	0.97	0.94	0.92	0.92	0.90	0.87	0.86	0.84	0.81	0.76
2	0.87	0.84	0.82	0.86	0.83	0.80	0.84	0.80	0.77	0.81	0.77	0.73	0.76	0.72	0.68	0.64
3	0.75	0.72	0.70	0.75	0.71	0.69	0.74	0.69	0.66	0.72	0.67	0.63	0.69	0.63	0.59	0.55
4	0.66	0.63	0.61	0.66	0.63	0.60	0.66	0.61	0.58	0.65	0.59	0.55	0.63	0.57	0.52	0.48
5	0.59	0.56	0.55	0.60	0.56	0.54	0.60	0.55	0.51	0.59	0.53	0.49	0.58	0.51	0.46	0.42
6	0.54	0.51	0.49	0.54	0.51	0.48	0.55	0.50	0.46	0.54	0.49	0.44	0.53	0.47	0.42	0.38
7	0.49	0.47	0.45	0.50	0.46	0.44	0.50	0.46	0.42	0.50	0.45	0.40	0.50	0.43	0.38	0.35
8	0.45	0.43	0.41	0.46	0.43	0.41	0.47	0.42	0.39	0.47	0.41	0.37	0.47	0.40	0.35	0.32
9	0.42	0.40	0.39	0.43	0.40	0.38	0.44	0.39	0.36	0.44	0.39	0.35	0.44	0.38	0.33	0.30
10	0.40	0.37	0.36	0.40	0.37	0.35	0.41	0.37	0.34	0.42	0.36	0.33	0.42	0.36	0.31	0.28

Budgetary Estimate Chart			
Light Flux	3142.84 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