Luminaire Property

Luminaire:

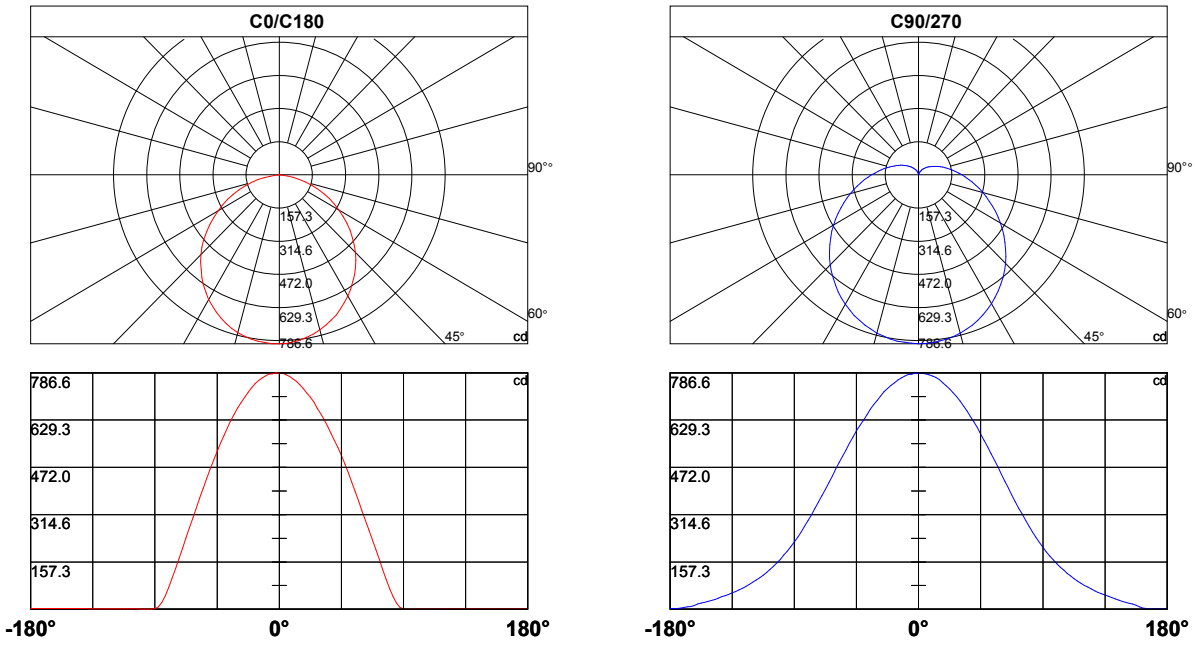
Report NO.:
Test NO.:
Lamp: [LAMP] T8-TP120/160lm
Sum Lumens: 2909.88 lm
Number of Lamps: 1
Diameter: 0mm
Length: 1212mm
Photometric Type: Type C

Voltage: 224.1 V
Current: 0.0854 A
Power: 18.23 W
Power Factor: 0.952
Ballast Type:
Width: 30mm
Height: 26mm
Remark:

Photometric Results

Lumens: 2909.88 lm
Efficiency: 100%
Central Intensity: 785.351cd
Maximum Intensity: 786.63cd
Beam Angle(10%): Left: -120.7 Right:121.9

Angle of maximum intensity: C:280.0 G:2.5
Half Peak Side Angle(50%): Left: -65.3 Right:67.8
Up Flux Rate: 11.52%
Down Flux Rate: 88.48%



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	785.4	785.0	780.3	775.1	766.2	758.0	746.4	734.5	719.4	705.5
5.0	785.4	782.2	778.9	773.0	765.8	756.0	746.0	730.2	715.5	699.4
10.0	785.4	784.3	780.3	774.1	766.2	754.8	742.9	728.7	712.3	694.5
15.0	785.4	783.5	778.4	772.0	762.2	752.3	739.1	722.4	708.2	688.0
20.0	785.4	781.5	776.0	769.1	760.7	749.9	734.8	721.9	704.7	686.6
25.0	785.4	781.8	776.6	769.4	761.0	750.3	735.2	719.3	701.5	682.2
30.0	785.4	782.3	777.0	770.8	760.7	749.3	736.1	721.0	704.9	687.3
35.0	785.4	783.4	780.5	774.2	768.6	759.2	749.0	738.7	725.5	710.5
40.0	785.4	782.3	778.7	774.5	767.4	757.6	747.8	735.4	721.6	706.0
45.0	785.4	782.7	777.6	770.7	762.4	751.1	738.8	724.2	709.7	694.1
50.0	785.4	783.9	780.1	774.0	768.3	760.0	749.8	740.8	726.7	712.7
55.0	785.4	782.5	781.4	775.4	767.5	759.2	748.6	738.2	725.4	711.6
60.0	785.4	784.0	780.6	774.6	770.0	760.5	752.8	740.7	728.9	714.4
65.0	785.4	782.7	780.2	774.5	767.8	761.3	751.1	740.1	729.0	713.2
70.0	785.4	782.2	779.2	775.8	767.0	759.0	750.8	739.2	725.1	713.1
75.0	785.4	783.5	780.0	775.1	769.6	762.4	753.0	742.5	732.9	720.0
80.0	785.4	784.8	780.4	775.3	770.7	763.1	755.9	745.2	734.1	723.8
85.0	785.4	784.1	780.2	775.8	771.6	763.6	755.2	745.7	735.7	723.7
90.0	785.4	785.2	783.5	780.2	775.2	770.8	763.6	753.8	744.0	733.3
95.0	785.4	784.5	782.4	777.6	772.5	768.1	760.1	752.4	741.8	731.6
100.0	785.4	785.7	783.7	779.4	775.3	768.3	759.0	751.1	741.3	730.4
105.0	785.4	785.8	783.3	778.7	773.6	767.0	758.4	749.4	737.8	726.2
110.0	785.4	786.3	781.3	778.2	772.3	765.5	755.2	746.4	734.5	722.2
115.0	785.4	785.5	782.5	780.2	774.6	767.6	759.1	750.2	738.8	727.6
120.0	785.4	785.3	781.8	777.6	772.7	764.8	756.4	745.9	734.0	721.3
125.0	785.4	784.5	783.3	778.0	772.2	765.1	756.2	745.6	733.6	721.0
130.0	785.4	786.2	783.9	778.1	772.1	764.9	755.9	745.4	733.0	720.3
135.0	785.4	783.4	783.6	776.9	770.8	762.7	750.7	739.6	724.2	708.5
140.0	785.4	786.3	783.8	779.6	772.8	766.2	757.6	744.8	730.6	716.6
145.0	785.4	785.2	782.3	777.9	773.6	765.5	756.3	746.0	732.2	719.6
150.0	785.4	785.6	781.8	777.7	771.5	761.9	751.2	739.1	723.5	706.6
155.0	785.4	785.3	784.8	779.8	774.2	766.5	756.8	748.0	733.0	718.3
160.0	785.4	784.2	784.0	780.8	776.7	770.2	762.5	751.6	739.2	725.5
165.0	785.4	785.2	784.6	781.1	776.1	768.3	760.3	750.5	738.4	723.7
170.0	785.4	785.2	784.0	782.1	778.1	770.5	763.8	754.2	741.5	727.8
175.0	785.4	785.9	786.0	784.2	779.6	772.7	765.7	755.7	744.8	731.2
180.0	785.4	786.6	783.3	781.7	775.6	768.8	760.3	750.0	736.5	722.0
185.0	785.4	784.9	783.0	778.4	771.3	763.0	752.6	740.9	726.3	710.3
190.0	785.4	785.2	783.7	779.0	771.2	763.4	751.8	740.0	724.6	709.0
195.0	785.4	786.5	784.0	778.9	771.8	763.0	751.7	737.8	723.4	706.3
200.0	785.4	783.7	781.3	778.3	771.8	762.7	750.0	737.1	722.9	707.9
205.0	785.4	785.8	784.4	780.3	771.9	762.4	753.5	738.2	723.4	704.3
210.0	785.4	786.2	784.4	778.3	773.2	764.2	754.3	741.5	726.8	710.9
215.0	785.4	785.7	783.8	781.5	775.8	771.1	761.8	751.1	740.1	727.1
220.0	785.4	785.0	782.3	779.6	773.4	766.8	757.8	747.4	733.7	720.5
225.0	785.4	785.6	784.3	779.3	771.3	764.3	754.2	742.8	728.0	714.1
230.0	785.4	785.6	785.6	781.9	776.2	770.4	764.2	754.9	744.8	731.8
235.0	785.4	785.2	784.2	781.0	776.5	770.4	763.3	754.4	743.2	731.6

Photometric Data Table [cd]

240.0	785.4	785.5	785.7	783.0	778.7	773.3	765.8	756.5	748.1	735.5
245.0	785.4	785.3	785.7	783.2	779.4	773.4	765.8	758.1	749.3	737.7
250.0	785.4	785.5	784.7	782.7	777.2	771.6	766.3	758.6	747.2	737.8
255.0	785.4	785.1	785.7	781.8	779.9	774.6	768.0	760.6	752.1	741.7
260.0	785.4	786.4	785.1	784.3	780.8	775.3	768.2	761.6	753.5	743.6
265.0	785.4	785.2	785.8	782.6	779.6	773.8	767.5	760.4	751.8	742.6
270.0	785.4	784.5	782.5	780.8	775.5	769.2	763.1	753.1	744.8	733.4
275.0	785.4	783.8	782.7	780.5	775.6	769.7	762.2	752.8	743.0	733.4
280.0	785.4	786.6	783.7	780.7	777.1	769.7	763.9	754.3	744.8	735.6
285.0	785.4	784.9	785.3	780.3	775.7	767.8	762.3	753.4	744.9	732.0
290.0	785.4	784.1	782.8	780.1	773.0	766.8	760.4	750.7	741.4	728.8
295.0	785.4	785.7	783.4	779.7	776.2	768.8	761.4	752.3	741.5	730.6
300.0	785.4	784.3	782.5	779.7	773.1	766.9	760.0	749.4	738.2	727.0
305.0	785.4	784.3	781.8	778.2	773.3	765.4	756.1	746.6	735.5	723.4
310.0	785.4	784.4	783.1	777.7	771.0	763.4	753.4	743.8	730.9	719.6
315.0	785.4	784.6	780.3	777.4	769.0	760.7	749.0	737.2	723.9	706.6
320.0	785.4	784.9	781.2	776.1	771.7	762.1	751.3	740.4	726.2	711.1
325.0	785.4	783.5	780.3	774.6	768.9	759.3	749.3	737.7	723.6	709.7
330.0	785.4	784.2	780.0	774.4	766.8	756.5	744.9	731.1	716.8	698.8
335.0	785.4	783.2	779.2	773.7	767.2	756.7	746.2	733.3	719.5	703.1
340.0	785.4	783.2	778.2	773.2	765.4	757.0	747.2	736.6	722.0	706.8
345.0	785.4	784.0	779.9	774.3	768.5	759.0	750.2	737.5	723.1	709.5
350.0	785.4	780.8	777.4	773.2	765.7	757.5	747.4	736.8	721.3	707.3
355.0	785.4	782.9	778.6	772.3	765.5	756.0	745.1	732.7	720.6	706.8
360.0	785.4	785.0	780.3	775.1	766.2	758.0	746.4	734.5	719.4	705.5

C\γ	**25.0**	**27.5**	**30.0**	**32.5**	**35.0**	**37.5**	**40.0**	**42.5**	**45.0**	**47.5**
0.0	688.7	669.1	651.3	630.6	608.5	586.5	562.0	537.9	511.9	483.0
5.0	681.6	662.7	642.5	620.0	598.9	575.2	551.4	525.8	500.0	470.8
10.0	675.7	654.3	634.2	610.5	586.5	561.8	536.1	509.5	482.5	455.5
15.0	667.6	646.3	624.7	601.3	574.8	550.5	526.1	501.4	476.0	448.5
20.0	665.0	643.7	623.0	597.7	572.1	547.3	520.5	494.5	467.1	440.3
25.0	660.9	637.5	613.7	587.9	562.4	535.3	510.5	485.2	461.9	437.9
30.0	669.7	649.1	631.0	610.0	589.0	567.6	544.0	518.4	492.0	464.8
35.0	694.8	677.4	658.4	637.1	613.2	588.5	560.8	533.3	505.4	478.4
40.0	688.0	666.3	645.7	621.9	597.5	572.0	548.5	524.2	500.3	473.8
45.0	677.0	659.6	642.2	622.2	603.0	582.4	560.1	538.2	514.7	490.7
50.0	697.2	680.6	663.0	643.6	624.0	603.4	580.8	557.9	534.6	509.2
55.0	695.6	679.9	660.9	642.7	622.0	601.9	580.9	559.5	537.5	513.7
60.0	698.1	682.5	666.4	648.2	628.5	610.0	589.3	566.6	544.6	520.4
65.0	699.1	683.1	666.6	648.7	629.5	610.1	587.5	566.1	545.4	520.0
70.0	697.5	681.8	665.9	648.7	629.0	610.3	591.8	571.3	551.5	529.7
75.0	707.3	693.7	678.3	661.4	644.7	628.0	609.7	589.8	570.3	547.8
80.0	710.9	696.5	682.0	665.8	648.2	630.5	611.7	593.2	572.2	550.4
85.0	709.9	695.8	680.6	665.3	648.1	630.6	612.6	592.5	572.8	550.8
90.0	720.2	707.2	692.6	675.9	660.3	641.3	623.2	604.0	583.3	561.7
95.0	718.4	704.3	689.5	673.3	656.2	638.4	620.1	600.5	580.2	559.7
100.0	716.7	703.1	688.3	672.0	655.3	635.6	616.2	596.7	575.8	554.2

Photometric Data Table [cd]

105.0	712.5	698.7	683.4	666.0	649.2	630.1	610.9	591.0	570.2	548.9
110.0	707.1	690.3	674.1	655.0	635.6	615.8	594.8	573.7	551.6	530.2
115.0	713.4	700.8	683.5	666.1	647.4	628.6	607.8	584.6	560.3	535.7
120.0	708.1	692.6	677.5	659.9	642.7	622.7	602.2	581.9	560.6	538.6
125.0	705.1	690.6	672.9	654.0	635.3	614.8	593.3	572.9	550.4	528.0
130.0	704.9	688.7	671.5	652.0	631.8	611.0	589.4	567.9	544.7	521.2
135.0	690.6	672.4	651.8	632.2	613.4	591.1	570.3	546.8	522.8	499.0
140.0	702.2	682.8	663.0	642.2	620.1	595.3	570.9	545.3	519.9	493.5
145.0	704.0	686.4	667.8	646.4	625.3	600.8	577.3	550.0	523.4	496.3
150.0	688.4	669.9	648.8	627.6	605.7	583.4	561.4	537.5	511.2	483.4
155.0	699.3	680.4	659.1	634.8	610.8	585.1	557.2	530.0	502.1	475.5
160.0	709.7	691.7	671.7	649.2	626.1	600.3	573.1	545.4	514.7	485.9
165.0	706.5	689.1	668.8	647.1	624.4	600.2	573.9	547.7	519.0	489.9
170.0	712.0	694.2	674.0	651.5	628.1	602.5	575.1	546.2	516.8	486.1
175.0	716.3	698.9	681.2	659.5	638.5	613.6	589.0	562.3	533.1	503.3
180.0	705.0	688.6	669.6	648.4	626.9	603.4	577.5	552.0	525.3	496.8
185.0	693.3	674.7	656.3	633.2	610.8	587.0	562.7	536.6	509.2	481.9
190.0	691.3	671.9	649.9	628.3	604.5	580.0	553.4	528.4	501.3	473.4
195.0	689.3	668.6	646.8	623.9	600.2	575.7	550.5	525.0	499.0	472.6
200.0	688.1	668.4	646.0	623.1	600.1	574.4	548.8	521.8	495.4	467.6
205.0	684.3	663.7	641.3	617.3	593.2	568.0	542.3	516.9	493.3	469.6
210.0	694.3	676.2	657.9	638.4	618.3	598.3	575.3	551.2	524.6	498.5
215.0	711.7	696.0	677.3	656.9	635.6	611.5	586.6	560.0	533.8	507.3
220.0	704.2	687.0	666.0	644.3	622.8	597.6	574.3	550.2	525.8	502.5
225.0	697.9	682.7	664.6	645.9	627.6	607.8	586.6	565.2	542.8	519.9
230.0	717.5	703.1	686.8	668.8	650.6	630.8	608.8	586.7	564.6	541.7
235.0	718.9	704.2	687.7	669.5	651.7	631.5	612.5	589.9	568.9	548.8
240.0	722.8	708.0	693.6	676.6	659.9	640.9	621.2	600.8	578.4	556.1
245.0	725.3	710.4	695.4	678.3	661.0	642.2	623.1	601.6	579.1	558.0
250.0	723.4	709.4	694.7	678.2	661.8	643.5	624.1	605.5	585.5	565.4
255.0	730.3	719.7	704.5	690.6	674.9	658.4	641.4	622.8	603.1	583.9
260.0	732.3	720.2	708.4	692.7	677.5	660.1	642.9	623.8	605.5	584.8
265.0	731.8	718.2	704.9	690.0	675.3	658.6	641.7	622.8	603.4	583.2
270.0	722.8	708.4	695.1	680.5	664.5	646.5	628.8	612.0	592.8	572.5
275.0	722.7	708.8	694.9	680.7	663.3	647.2	629.8	612.0	593.1	573.0
280.0	722.4	708.5	695.1	679.4	663.0	647.4	629.1	609.2	591.6	569.9
285.0	717.9	705.6	689.7	675.2	658.6	642.1	623.9	606.5	588.0	566.7
290.0	715.3	700.8	683.8	666.2	649.0	630.6	610.3	589.0	569.5	547.7
295.0	717.8	705.0	690.4	674.7	656.5	640.6	620.7	600.5	579.4	554.8
300.0	713.0	698.6	682.8	667.0	649.2	631.3	612.1	593.1	573.5	552.0
305.0	710.0	694.3	678.3	660.4	643.0	623.7	603.1	582.1	561.8	538.3
310.0	703.7	688.8	674.1	654.2	636.0	615.7	595.5	574.1	552.3	528.3
315.0	690.4	671.0	653.4	633.3	611.4	591.8	570.5	548.4	525.6	501.1
320.0	693.8	675.5	655.8	635.3	613.9	590.8	567.7	541.0	517.1	490.5
325.0	692.4	674.8	656.7	635.3	613.7	590.5	565.5	539.9	513.9	486.1
330.0	679.1	658.3	637.3	616.6	593.6	572.0	548.2	525.2	500.0	471.9
335.0	684.9	665.5	644.8	621.5	599.1	573.6	545.8	520.1	492.8	464.6
340.0	690.9	673.1	653.0	629.5	607.5	582.3	556.9	529.2	502.0	471.9
345.0	692.9	673.1	653.0	631.5	608.6	584.9	558.5	531.5	504.6	474.8

Photometric Data Table [cd]

350.0	690.2	673.5	654.4	631.9	610.5	586.4	561.2	535.9	509.1	479.6
355.0	689.7	671.0	652.6	632.4	609.9	587.6	564.9	539.8	513.2	485.3
360.0	688.7	669.1	651.3	630.6	608.5	586.5	562.0	537.9	511.9	483.0

C\γ	**50.0**	**52.5**	**55.0**	**57.5**	**60.0**	**62.5**	**65.0**	**67.5**	**70.0**	**72.5**
0.0	453.1	422.6	391.0	358.8	327.3	295.3	263.0	230.4	197.4	164.5
5.0	442.1	413.8	382.9	353.6	323.1	292.5	261.4	229.9	197.9	165.6
10.0	428.1	401.1	373.2	344.4	313.8	284.3	253.6	222.3	191.5	160.9
15.0	420.9	392.3	364.4	335.9	306.6	277.0	247.6	218.4	190.7	165.6
20.0	412.0	385.9	357.4	328.8	302.3	275.6	248.8	223.8	200.5	178.6
25.0	413.5	388.0	361.9	336.2	310.3	285.9	261.4	237.0	213.6	190.6
30.0	436.7	410.9	383.9	358.0	331.9	306.5	281.7	256.5	233.6	213.7
35.0	452.4	425.3	400.0	374.4	348.5	324.3	299.6	276.8	255.9	235.0
40.0	450.9	425.4	400.1	375.6	350.8	327.9	306.8	286.7	265.6	244.9
45.0	466.7	441.4	416.4	393.2	370.1	347.3	325.3	302.7	280.5	260.2
50.0	486.1	462.5	438.2	415.0	390.2	365.4	340.9	317.5	297.4	277.9
55.0	491.3	467.0	442.1	418.0	392.9	369.5	347.4	327.0	306.5	287.0
60.0	496.9	471.7	447.6	424.3	402.2	380.9	359.6	338.3	317.9	296.8
65.0	496.5	476.5	453.5	431.7	410.6	389.4	367.7	346.8	325.6	306.2
70.0	508.6	488.3	465.8	445.1	423.5	401.7	379.7	359.0	337.8	316.9
75.0	527.3	503.8	483.1	460.4	438.0	415.4	393.2	371.3	350.1	328.7
80.0	529.2	507.8	485.3	462.0	440.1	417.5	394.8	372.1	350.4	329.3
85.0	530.3	507.6	485.2	462.9	440.1	417.4	394.7	372.6	350.0	329.2
90.0	539.7	517.2	494.8	472.0	448.3	425.6	402.8	380.3	357.9	336.0
95.0	537.5	514.5	492.0	468.9	445.9	422.1	399.2	376.6	355.0	333.2
100.0	532.8	509.9	487.8	464.5	441.7	418.8	395.9	373.2	351.8	330.0
105.0	527.3	504.3	480.9	457.7	434.6	411.7	389.1	366.5	345.0	323.7
110.0	507.7	485.6	463.1	440.6	418.4	395.7	374.1	351.5	330.4	309.9
115.0	511.2	485.8	461.4	436.9	413.7	390.6	368.6	347.1	325.0	304.6
120.0	514.9	490.2	464.3	437.4	411.3	386.0	362.7	340.2	318.1	297.6
125.0	505.9	483.1	459.8	436.1	410.5	384.3	357.4	332.2	309.7	288.3
130.0	497.5	473.0	450.1	426.6	403.8	380.8	356.0	329.4	303.9	280.0
135.0	476.0	451.1	427.5	404.1	380.7	358.4	336.9	315.0	291.5	266.3
140.0	468.1	442.4	417.3	392.9	368.1	344.1	321.9	300.7	281.0	260.2
145.0	468.7	442.0	415.4	388.3	362.1	336.2	311.4	287.2	265.9	245.5
150.0	455.5	426.9	399.7	372.0	345.5	319.0	292.5	267.1	242.3	219.3
155.0	449.0	420.4	392.3	363.0	334.6	306.3	279.3	252.3	226.9	201.3
160.0	454.4	424.3	392.7	361.5	330.5	299.6	269.5	240.6	213.2	187.6
165.0	459.8	427.4	395.4	362.8	330.3	297.1	264.1	232.2	201.5	173.1
170.0	455.4	425.8	394.8	363.2	330.0	296.5	262.8	229.2	196.4	164.7
175.0	470.5	437.3	403.3	368.9	334.6	300.4	266.9	233.1	199.6	166.9
180.0	466.5	434.6	402.3	369.5	337.2	304.0	270.5	237.0	203.2	169.6
185.0	452.3	422.3	393.2	362.4	331.6	300.1	268.0	236.2	203.4	170.7
190.0	445.5	417.8	389.5	359.2	328.8	297.5	265.7	233.2	201.4	170.4
195.0	444.4	416.2	387.6	357.1	327.7	297.7	267.6	237.9	209.2	182.3
200.0	440.2	412.5	386.2	357.9	330.6	302.3	275.7	249.8	224.8	201.3
205.0	445.3	419.8	394.6	368.1	342.5	317.0	292.4	267.0	242.7	219.2
210.0	470.6	444.0	418.2	392.0	365.9	340.3	314.9	289.0	265.0	243.3

Photometric Data Table [cd]

215.0	480.3	455.1	429.2	403.7	378.6	353.5	329.4	304.9	283.9	262.9
220.0	477.6	452.8	429.6	404.4	380.3	357.4	335.4	314.3	293.3	272.2
225.0	495.3	471.1	448.2	424.4	401.7	379.5	357.0	334.1	311.7	290.4
230.0	518.8	495.6	473.2	449.5	425.5	401.2	377.4	352.9	330.1	309.4
235.0	526.3	503.0	479.6	455.6	431.1	407.2	383.9	362.2	340.6	320.0
240.0	534.6	510.4	486.2	462.4	439.4	417.6	395.9	373.9	352.2	331.2
245.0	534.8	512.1	491.1	468.4	447.1	425.3	404.1	382.5	361.3	340.6
250.0	545.0	523.8	503.1	481.8	460.1	438.1	416.9	394.7	373.4	351.9
255.0	562.7	541.2	519.9	497.7	475.3	453.0	430.3	407.6	385.8	363.6
260.0	564.0	542.0	520.4	498.4	476.1	454.2	430.9	408.8	386.5	364.6
265.0	563.3	541.1	519.3	496.4	474.0	452.4	430.1	408.1	386.0	364.0
270.0	551.8	530.9	508.9	488.2	465.0	443.1	421.3	398.8	376.8	355.6
275.0	553.2	530.8	509.4	487.0	465.5	443.0	420.9	398.6	376.9	355.4
280.0	549.0	527.7	506.5	484.3	461.3	439.8	417.6	395.6	374.0	352.4
285.0	544.9	522.7	501.5	477.8	456.5	433.7	411.7	389.8	367.8	347.3
290.0	526.0	503.8	481.8	460.3	438.5	417.2	394.9	373.5	352.2	331.7
295.0	531.4	505.3	481.3	457.7	434.6	411.6	389.8	368.5	346.9	325.6
300.0	530.5	507.2	482.1	456.4	430.6	404.9	381.6	359.5	338.1	317.0
305.0	517.2	494.7	472.9	449.7	426.4	401.5	375.7	349.7	326.5	305.2
310.0	505.2	480.8	457.2	433.9	412.8	390.9	367.8	343.2	317.8	294.1
315.0	477.8	455.0	430.8	407.8	384.4	362.3	340.8	320.8	299.6	276.9
320.0	465.4	440.0	415.0	390.5	366.6	342.8	320.0	299.5	279.5	261.3
325.0	459.3	431.7	405.9	380.2	353.4	328.8	305.0	281.0	258.9	238.9
330.0	444.5	415.7	386.9	360.3	333.8	308.4	283.3	259.2	235.4	212.6
335.0	438.6	410.9	382.6	354.1	325.1	296.8	269.3	243.8	219.4	196.4
340.0	442.7	412.8	382.5	352.7	322.2	292.9	262.9	233.6	206.4	181.3
345.0	444.4	414.1	382.8	350.9	318.8	288.3	257.4	227.1	197.5	169.5
350.0	451.0	420.0	388.7	355.7	322.1	287.9	254.5	221.2	189.4	159.7
355.0	455.6	425.1	393.5	361.7	328.3	295.7	262.6	229.1	194.9	161.4
360.0	453.1	422.6	391.0	358.8	327.3	295.3	263.0	230.4	197.4	164.5

C\γ	**75.0**	**77.5**	**80.0**	**82.5**	**85.0**	**87.5**	**90.0**	**92.5**	**95.0**	**97.5**
0.0	131.0	98.3	67.5	41.0	20.0	5.6	0.9	0.8	0.7	0.7
5.0	133.3	101.9	73.3	48.3	28.9	15.1	7.4	4.6	3.6	3.5
10.0	131.8	106.5	83.7	63.3	46.4	33.0	23.0	16.7	12.8	10.6
15.0	142.8	121.2	100.8	82.7	66.8	53.5	42.1	33.5	27.3	22.6
20.0	157.2	137.1	118.8	102.0	86.9	73.4	61.3	51.5	43.8	37.2
25.0	169.9	153.3	137.1	121.3	106.5	92.9	80.3	69.7	60.6	52.7
30.0	195.3	176.9	159.4	142.9	127.7	113.3	100.3	88.9	78.9	70.1
35.0	214.0	195.7	176.8	159.4	144.5	130.0	116.8	105.3	95.1	86.6
40.0	223.8	205.2	187.1	170.3	155.4	141.7	128.2	116.6	106.5	97.4
45.0	240.2	222.0	203.3	187.3	172.0	157.7	143.6	131.0	120.2	109.9
50.0	258.3	238.4	221.4	204.3	188.4	173.6	159.1	145.6	134.0	122.7
55.0	266.6	248.5	230.9	213.8	197.8	183.1	167.9	154.3	142.1	130.9
60.0	278.0	259.0	241.6	224.1	208.2	192.6	177.6	163.6	150.7	139.2
65.0	286.3	268.0	249.8	232.2	215.9	199.7	185.0	170.8	157.7	145.5
70.0	297.1	278.3	259.1	241.8	225.0	207.9	192.5	178.5	165.1	152.6
75.0	307.8	288.2	269.5	250.8	233.2	215.8	200.2	185.2	171.7	158.9

Photometric Data Table [cd]

80.0	308.9	289.3	269.6	251.1	233.6	216.5	201.1	186.0	172.4	160.0
85.0	308.0	288.1	268.8	250.5	233.0	216.5	200.8	185.9	172.5	159.9
90.0	316.0	295.2	275.4	256.5	239.1	221.9	206.3	191.0	177.4	163.8
95.0	312.5	292.0	273.0	254.1	236.9	220.0	204.3	189.3	175.2	162.1
100.0	309.3	288.6	269.6	250.7	233.7	216.4	201.4	186.1	172.0	159.3
105.0	303.5	283.3	264.0	245.1	228.2	211.3	196.1	181.4	167.6	155.2
110.0	290.3	270.8	252.6	234.4	217.3	201.3	186.4	172.0	159.2	147.1
115.0	284.9	264.9	247.1	229.5	212.1	195.9	180.9	167.0	154.3	141.6
120.0	277.7	257.7	239.6	222.1	205.4	188.6	174.1	160.1	147.3	134.8
125.0	268.4	248.6	230.5	212.6	195.9	179.6	165.0	151.8	138.8	126.7
130.0	259.3	239.6	221.1	203.0	186.3	169.8	155.3	142.1	129.1	117.3
135.0	244.1	223.4	204.3	186.6	170.0	153.4	139.6	126.9	114.5	103.6
140.0	237.4	214.0	193.2	174.1	156.4	140.7	126.4	113.8	102.0	91.4
145.0	225.0	202.2	180.6	161.5	143.8	127.5	113.1	100.7	89.2	79.1
150.0	198.6	178.4	159.3	141.3	124.8	109.5	95.5	83.5	73.0	63.8
155.0	178.0	156.6	138.3	121.6	105.7	91.0	77.9	66.9	57.0	48.9
160.0	163.7	141.3	121.2	102.9	86.8	72.3	59.7	49.8	41.2	34.4
165.0	147.0	123.7	102.6	83.2	66.6	52.3	40.9	32.3	25.6	20.7
170.0	134.8	107.9	84.7	64.1	46.2	32.5	22.5	16.0	11.9	9.4
175.0	134.8	103.8	75.0	49.9	29.9	15.4	7.4	3.9	2.7	2.4
180.0	136.1	103.0	71.6	44.5	22.6	7.3	1.5	0.6	0.7	0.8
185.0	138.3	106.4	77.8	53.1	32.9	18.2	9.6	5.5	3.9	3.4
190.0	141.5	115.1	91.6	70.5	52.4	38.0	27.2	19.9	15.4	12.6
195.0	157.6	134.6	112.9	93.3	76.1	61.4	49.1	39.8	32.7	27.1
200.0	177.6	155.3	135.5	117.3	100.7	85.7	72.6	61.7	52.7	45.2
205.0	196.7	177.3	159.3	141.8	125.4	110.3	96.3	84.5	73.8	64.8
210.0	224.0	203.8	184.8	167.0	149.8	134.0	119.6	107.0	95.3	85.3
215.0	242.0	221.4	202.1	183.4	166.8	150.6	136.4	123.1	111.6	100.9
220.0	251.2	231.4	212.1	194.4	177.6	162.3	147.9	134.6	122.8	112.3
225.0	270.0	249.9	230.4	212.8	195.9	180.2	165.1	150.9	138.7	126.9
230.0	289.7	269.1	250.2	232.1	214.5	198.1	182.3	167.6	154.5	141.9
235.0	299.4	279.5	261.0	242.7	225.2	208.4	192.5	177.4	164.4	151.0
240.0	310.5	291.6	272.2	254.1	236.1	218.9	203.0	187.8	173.6	160.0
245.0	320.4	300.9	281.0	262.7	245.1	227.4	211.1	195.8	181.1	167.8
250.0	331.3	310.9	291.3	272.6	254.3	236.3	219.4	203.9	188.8	175.0
255.0	342.6	321.4	301.9	282.3	263.1	245.0	228.0	211.4	196.2	181.8
260.0	343.8	322.5	302.2	283.0	263.4	245.3	228.8	212.6	197.7	182.8
265.0	342.7	321.7	301.4	281.6	262.9	245.4	228.5	212.3	197.1	182.7
270.0	335.0	314.5	294.9	275.7	257.8	240.2	224.1	208.1	193.3	179.7
275.0	333.8	313.7	294.4	275.2	257.0	239.6	223.1	207.1	192.5	179.0
280.0	331.3	311.3	291.7	272.2	254.7	236.9	220.5	204.6	190.4	177.2
285.0	326.3	306.9	286.6	267.3	249.2	232.1	215.7	200.3	186.5	172.4
290.0	311.6	292.3	273.0	254.6	237.1	220.7	205.1	190.0	176.4	163.2
295.0	306.0	285.9	267.2	248.9	231.4	214.8	199.0	184.5	170.7	157.8
300.0	296.7	277.1	258.0	240.1	222.6	206.1	190.6	176.5	162.4	150.0
305.0	285.4	266.1	246.5	229.0	211.8	195.3	180.1	166.2	152.5	140.2
310.0	273.1	253.1	234.2	216.2	198.8	182.9	167.8	154.3	140.9	129.3
315.0	254.5	233.7	214.1	195.9	178.9	162.9	148.9	135.8	123.8	112.7
320.0	240.2	218.1	197.6	179.5	162.2	146.3	132.7	120.2	108.8	98.2

Photometric Data Table [cd]

325.0	219.5	199.7	179.9	161.6	144.7	129.3	116.3	104.1	93.7	83.6
330.0	191.7	173.2	155.2	138.6	123.1	108.9	96.2	85.4	75.3	66.7
335.0	173.8	152.7	134.8	118.4	103.4	89.6	77.6	67.4	58.3	50.6
340.0	158.5	137.8	118.1	100.1	84.5	70.9	59.5	50.1	42.4	36.0
345.0	142.9	119.7	99.2	80.8	64.7	51.3	40.7	32.7	26.7	22.3
350.0	132.0	106.4	82.5	62.1	45.1	32.0	22.8	16.6	12.9	10.6
355.0	128.4	98.3	70.5	47.0	28.1	15.2	7.9	4.9	3.9	3.6
360.0	131.0	98.3	67.5	41.0	20.0	5.6	0.9	0.8	0.7	0.7

C\γ	**100.0**	**102.5**	**105.0**	**107.5**	**110.0**	**112.5**	**115.0**	**117.5**	**120.0**	**122.5**
0.0	0.9	0.9	1.0	1.3	1.6	1.6	1.7	1.7	1.9	1.9
5.0	3.2	2.9	2.5	1.9	2.0	1.9	1.9	1.9	2.0	1.9
10.0	9.1	8.4	8.0	7.7	7.3	6.6	5.6	4.8	3.8	2.9
15.0	19.1	16.6	14.9	13.8	13.2	12.2	11.4	10.4	9.8	8.7
20.0	32.1	28.1	25.0	22.4	20.5	18.9	17.2	15.4	14.5	13.3
25.0	45.4	39.9	36.0	32.7	29.7	27.3	25.0	23.1	21.1	19.0
30.0	62.2	55.3	49.0	44.0	40.1	36.7	33.8	31.1	28.6	26.5
35.0	78.4	71.4	64.2	57.2	51.1	46.2	42.3	38.8	35.6	33.0
40.0	89.2	81.9	75.3	68.2	61.0	54.9	49.4	45.1	41.3	38.0
45.0	100.6	91.9	84.3	77.8	71.7	65.3	59.0	53.6	48.7	44.5
50.0	112.4	102.8	94.0	86.5	79.8	74.2	68.3	62.5	57.0	51.9
55.0	119.8	110.3	101.1	92.7	85.2	78.6	72.6	67.5	62.5	57.4
60.0	128.1	117.9	108.3	99.7	91.5	84.4	77.5	71.6	66.0	61.4
65.0	134.6	124.1	114.4	105.2	96.9	89.2	82.3	75.6	69.3	64.0
70.0	141.0	130.6	120.3	110.7	102.3	94.3	86.9	80.1	73.4	67.6
75.0	147.1	136.0	125.7	116.2	107.3	98.9	91.1	84.1	77.3	71.2
80.0	148.0	137.1	126.8	117.1	108.2	100.0	92.2	85.1	78.3	72.2
85.0	147.9	137.1	126.9	117.5	108.3	100.2	92.5	85.2	78.3	72.2
90.0	151.9	140.2	129.6	120.0	110.7	101.9	94.0	86.5	79.7	73.2
95.0	149.8	138.2	127.9	118.2	109.1	100.7	92.9	85.6	79.2	72.8
100.0	147.4	136.6	126.2	116.4	107.0	98.8	90.7	83.6	77.0	70.9
105.0	143.7	132.4	121.7	112.3	103.4	95.0	87.4	80.4	73.9	68.1
110.0	135.3	124.6	114.5	104.9	96.7	88.9	81.7	75.0	68.6	62.8
115.0	130.2	119.6	109.3	100.7	92.3	84.5	77.4	71.3	65.1	59.6
120.0	123.7	113.2	103.9	94.8	86.8	79.6	73.0	66.7	60.9	55.5
125.0	115.6	105.6	96.1	87.9	80.3	73.3	66.7	60.8	55.9	51.3
130.0	106.8	96.9	88.0	80.3	72.8	66.3	60.7	55.5	50.8	46.6
135.0	93.5	84.8	76.7	69.4	63.0	57.3	52.3	47.7	43.3	39.5
140.0	82.3	74.2	66.8	60.3	54.4	49.1	44.4	40.3	36.5	33.3
145.0	70.7	62.9	56.2	50.1	45.0	40.4	36.4	33.0	30.2	27.6
150.0	55.8	48.9	43.0	37.8	33.5	30.2	27.4	25.0	22.8	21.0
155.0	41.9	36.0	31.0	27.4	24.6	22.2	20.2	18.4	16.6	14.8
160.0	29.0	24.8	21.6	19.2	17.2	15.5	14.0	12.4	11.1	10.2
165.0	17.3	14.9	13.0	11.6	10.6	9.7	8.9	8.1	7.5	6.6
170.0	7.8	6.8	6.3	6.1	5.5	4.9	3.7	2.3	1.7	1.7
175.0	2.1	1.7	1.1	1.1	1.2	1.3	1.4	1.5	1.5	1.5
180.0	0.8	0.9	1.0	1.0	1.2	1.2	1.3	1.3	1.4	1.4
185.0	3.1	3.0	2.8	2.6	2.4	2.2	2.1	2.0	1.8	1.7

Photometric Data Table [cd]

190.0	10.9	9.7	8.9	8.6	8.2	7.8	7.3	6.7	6.1	5.6
195.0	23.2	20.2	18.2	16.8	15.8	14.7	13.7	12.8	12.2	11.6
200.0	39.3	34.5	30.5	27.4	25.2	23.5	21.7	20.1	18.7	17.4
205.0	57.0	50.3	45.1	40.8	36.9	33.8	31.1	28.9	26.8	24.8
210.0	76.0	68.3	61.1	55.1	50.1	45.5	41.6	38.4	35.3	32.7
215.0	91.3	83.2	75.4	68.0	61.3	55.7	50.9	46.4	42.7	39.2
220.0	102.5	93.7	86.0	78.4	71.1	64.2	58.4	53.4	49.0	44.9
225.0	116.2	106.5	97.5	89.9	82.6	75.5	68.5	62.6	57.3	52.5
230.0	130.0	119.4	109.3	100.5	92.5	85.5	78.8	72.1	66.0	60.3
235.0	138.8	127.7	117.4	107.6	99.0	91.3	84.3	78.2	72.1	66.0
240.0	147.6	136.3	125.6	115.3	106.1	97.6	90.0	82.8	76.8	71.1
245.0	154.9	142.8	131.9	121.5	111.8	103.1	94.9	87.2	80.3	74.1
250.0	162.1	149.7	138.2	127.3	117.6	108.6	99.8	92.1	84.6	77.8
255.0	168.7	156.4	144.4	133.1	122.9	113.3	104.8	96.6	88.8	81.8
260.0	169.4	156.8	145.8	134.8	124.6	114.9	105.8	97.5	89.8	82.4
265.0	169.2	156.9	145.1	134.1	123.9	114.5	105.7	97.7	90.1	83.0
270.0	166.7	154.7	143.0	132.8	122.9	113.5	104.9	96.9	89.4	82.6
275.0	166.0	154.3	143.2	132.6	122.7	113.2	104.3	96.5	88.9	82.1
280.0	164.1	152.1	140.3	129.8	119.9	111.0	102.6	94.6	87.4	80.4
285.0	159.5	147.7	136.5	126.1	116.5	107.4	98.9	91.5	83.9	77.1
290.0	150.5	139.2	128.5	118.3	109.1	100.3	92.3	85.0	78.3	71.8
295.0	145.2	134.0	123.4	113.5	104.2	96.0	88.5	81.4	74.5	68.4
300.0	137.9	127.0	116.2	107.1	98.6	90.5	83.1	76.3	69.9	64.4
305.0	128.7	118.0	108.4	99.5	91.1	83.4	76.4	70.4	65.0	60.0
310.0	117.6	107.8	98.7	90.2	82.3	75.8	69.6	64.2	59.0	54.1
315.0	102.4	93.8	85.4	78.2	71.4	65.6	59.8	54.8	50.2	46.0
320.0	89.1	81.0	73.6	66.9	60.9	55.5	50.6	46.3	42.3	39.1
325.0	75.1	67.7	61.0	55.3	50.0	45.4	41.4	38.0	34.9	32.4
330.0	59.2	52.6	46.8	41.9	37.8	34.7	31.8	29.4	27.1	25.1
335.0	44.2	38.7	34.2	31.0	28.1	25.8	23.6	21.9	20.5	19.1
340.0	31.1	27.2	24.2	21.7	19.7	18.2	17.0	16.0	15.2	14.5
345.0	19.0	16.5	14.9	13.6	12.8	12.2	11.7	11.2	10.7	10.2
350.0	9.3	8.5	8.1	7.8	7.7	7.4	7.0	6.7	6.1	5.7
355.0	3.6	3.5	3.5	3.4	3.3	3.3	3.3	3.2	3.2	3.0
360.0	0.9	0.9	1.0	1.3	1.6	1.6	1.7	1.7	1.9	1.9

C\γ	**125.0**	**127.5**	**130.0**	**132.5**	**135.0**	**137.5**	**140.0**	**142.5**	**145.0**	**147.5**
0.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2
5.0	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.3	2.5
10.0	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
15.0	7.3	6.3	4.9	3.6	2.9	2.7	2.7	2.7	2.7	2.7
20.0	12.5	11.4	10.6	8.9	7.6	5.7	3.9	2.8	2.7	2.7
25.0	17.4	16.1	14.8	13.2	12.3	10.7	8.9	7.0	4.5	3.0
30.0	24.1	21.6	20.1	18.5	17.1	15.4	13.9	12.0	9.4	6.8
35.0	30.5	28.3	25.5	23.0	21.3	19.4	18.0	15.9	14.0	11.3
40.0	35.0	32.4	29.9	27.1	24.3	22.4	20.3	18.7	16.6	14.4
45.0	40.9	37.7	34.7	32.0	28.7	25.7	23.4	20.9	19.1	16.7
50.0	47.4	43.5	39.8	36.7	33.7	30.0	26.8	24.1	21.5	19.5

Photometric Data Table [cd]

55.0	52.5	47.9	43.7	40.1	36.7	33.4	29.7	26.3	23.1	21.2
60.0	56.9	52.4	48.0	43.9	40.1	36.7	32.8	29.2	25.7	22.8
65.0	59.2	54.4	50.1	46.4	42.7	39.2	35.8	31.6	27.8	24.2
70.0	62.2	57.1	52.5	48.0	44.1	40.4	37.1	32.9	29.3	25.2
75.0	65.6	60.5	55.4	50.8	46.3	42.4	38.8	34.8	30.7	26.6
80.0	66.5	61.1	56.0	51.3	46.8	42.9	39.1	35.5	31.0	27.0
85.0	66.3	61.1	56.1	51.3	46.9	42.8	38.9	35.3	30.9	26.8
90.0	67.2	61.5	56.2	51.4	46.9	42.6	38.4	34.7	29.8	25.7
95.0	66.5	61.0	55.9	51.2	46.6	42.4	38.3	34.7	29.9	25.6
100.0	64.9	59.3	54.2	49.5	45.2	41.2	37.2	33.5	28.9	24.8
105.0	62.0	57.0	52.1	47.5	43.3	39.2	35.5	31.7	27.5	23.6
110.0	57.6	52.5	48.2	43.9	39.9	36.4	32.8	28.8	25.4	22.1
115.0	54.5	49.8	45.6	41.6	38.0	34.6	31.4	27.4	23.9	21.2
120.0	51.0	46.8	42.9	39.3	35.8	32.6	29.0	25.7	22.4	19.8
125.0	47.1	43.2	39.4	36.0	32.8	29.8	26.0	23.0	20.3	18.3
130.0	42.5	38.8	35.4	32.2	29.4	25.9	23.0	20.6	18.4	16.7
135.0	36.0	32.7	30.0	27.4	24.3	21.8	19.5	17.5	15.9	13.9
140.0	30.5	27.9	25.6	22.6	20.3	18.3	16.7	15.1	13.4	10.4
145.0	25.2	23.0	20.5	18.4	16.7	15.3	14.1	12.1	9.4	6.0
150.0	18.7	16.9	15.3	13.9	12.7	11.3	9.9	6.8	4.8	3.3
155.0	13.4	12.1	11.3	9.9	8.8	6.5	4.4	3.5	2.1	1.9
160.0	9.4	8.6	7.7	5.7	4.4	3.3	2.0	1.8	1.8	1.8
165.0	4.7	3.7	2.8	1.8	1.9	1.9	1.8	1.8	1.8	1.8
170.0	1.7	1.8	1.8	1.9	1.9	1.9	2.0	1.9	1.9	1.9
175.0	1.7	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	1.9
180.0	1.5	1.5	1.5	1.6	1.6	1.7	1.7	1.7	1.7	1.7
185.0	1.7	1.5	1.5	1.5	1.4	1.5	1.5	1.5	1.5	1.5
190.0	4.9	4.3	4.1	3.8	3.5	3.0	2.7	2.1	1.9	1.5
195.0	10.8	10.0	9.3	7.9	6.6	5.8	5.4	4.9	4.4	3.8
200.0	16.6	15.4	14.7	13.6	12.5	11.2	9.4	8.0	7.0	6.3
205.0	22.8	21.2	19.9	18.4	17.1	16.5	15.0	13.5	11.3	9.2
210.0	29.9	27.7	25.5	23.5	22.0	20.4	18.8	17.8	16.1	14.0
215.0	36.2	33.5	30.4	27.8	25.6	23.8	22.2	20.3	19.3	17.6
220.0	41.2	38.0	34.9	31.5	29.0	26.4	24.3	22.5	20.6	19.2
225.0	48.1	44.3	40.6	37.3	33.5	30.5	27.6	25.1	23.0	20.9
230.0	55.0	50.7	46.5	42.8	39.1	35.0	31.7	28.5	25.7	23.5
235.0	60.4	55.2	50.5	46.4	42.4	38.8	34.3	31.1	27.9	25.2
240.0	65.4	60.0	55.1	50.4	45.9	42.0	37.5	33.5	29.8	26.9
245.0	68.2	63.0	58.0	53.4	49.0	44.8	40.7	35.8	32.0	28.4
250.0	71.3	65.7	60.2	55.3	50.7	46.5	42.3	37.8	33.8	29.8
255.0	75.1	69.0	63.1	57.7	52.8	48.3	44.0	39.5	34.7	30.6
260.0	75.8	69.8	63.9	58.4	53.4	48.8	44.5	40.0	35.0	30.8
265.0	76.5	70.3	64.3	58.5	53.6	48.8	44.3	40.3	35.0	30.8
270.0	75.9	69.9	64.4	59.3	54.2	49.4	45.1	41.2	36.1	32.0
275.0	75.4	69.4	64.0	58.9	54.0	49.3	45.1	41.0	36.1	31.8
280.0	74.0	68.0	62.5	57.4	52.7	48.0	43.8	39.5	35.2	31.1
285.0	71.1	65.5	60.1	55.2	50.6	46.1	42.1	37.9	33.8	30.0
290.0	66.0	60.7	55.7	51.1	46.9	42.9	39.3	35.1	32.0	28.3
295.0	63.0	58.0	53.4	49.1	45.1	41.4	38.0	34.0	30.9	27.7

Photometric Data Table [cd]

300.0	59.6	54.8	50.5	46.4	42.6	39.2	35.4	32.3	29.1	26.3
305.0	55.2	50.7	46.5	42.7	39.3	36.1	32.8	29.9	27.1	24.6
310.0	49.7	45.5	41.9	38.9	35.7	32.7	29.9	27.2	24.8	22.7
315.0	42.3	39.1	36.0	33.4	30.6	28.1	25.8	23.7	21.8	19.9
320.0	36.1	33.5	31.0	28.5	26.3	24.4	22.6	21.2	19.4	18.1
325.0	30.0	27.8	25.8	23.9	22.3	20.8	19.6	18.2	17.0	15.7
330.0	23.4	21.7	20.5	19.2	18.1	16.9	15.8	14.6	13.3	11.2
335.0	18.1	17.0	16.1	15.1	14.2	13.3	12.4	10.8	9.2	8.7
340.0	13.8	13.1	12.4	11.8	10.9	9.4	8.5	8.1	7.9	7.4
345.0	9.7	9.0	7.9	7.2	7.0	6.8	6.6	6.3	6.0	5.5
350.0	5.5	5.4	5.2	5.1	4.8	4.4	4.1	3.7	3.4	3.0
355.0	2.8	2.7	2.5	2.3	2.3	2.3	2.3	2.3	2.3	2.3
360.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2

C\γ	**150.0**	**152.5**	**155.0**	**157.5**	**160.0**	**162.5**	**165.0**	**167.5**	**170.0**	**172.5**
0.0	2.1	2.3	2.4	2.4	2.5	2.6	2.6	2.6	2.6	2.6
5.0	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.7	2.7
10.0	2.6	2.7	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.8
15.0	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
20.0	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
25.0	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
30.0	3.9	2.8	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
35.0	8.4	4.9	2.7	2.4	2.4	2.4	2.4	2.4	2.4	2.4
40.0	11.6	8.4	4.7	2.5	2.2	2.2	2.2	2.2	2.2	2.2
45.0	14.3	11.6	8.1	3.9	2.4	2.3	2.3	2.3	2.3	2.3
50.0	16.9	14.1	11.0	6.3	2.7	2.2	2.2	2.2	2.2	2.2
55.0	18.9	16.0	13.0	9.2	4.2	2.3	2.3	2.2	2.2	2.2
60.0	20.5	17.6	14.3	11.2	6.4	2.4	2.2	2.1	2.1	2.1
65.0	22.0	19.5	16.3	12.9	8.5	3.3	2.3	2.3	2.2	2.2
70.0	22.8	20.5	17.8	14.1	10.3	4.8	2.5	2.3	2.3	2.3
75.0	23.5	21.0	18.4	14.5	11.2	6.1	2.3	2.2	2.2	2.3
80.0	23.9	21.4	18.5	14.7	11.4	6.5	2.4	2.3	2.3	2.3
85.0	23.8	21.2	18.5	14.7	11.3	6.6	2.2	2.0	2.0	2.0
90.0	22.6	19.9	17.4	13.5	7.6	3.5	1.9	1.5	1.6	1.6
95.0	22.8	20.0	17.5	13.3	7.7	3.6	2.6	2.4	2.3	2.1
100.0	22.0	19.3	17.0	12.4	7.0	3.0	2.0	2.0	2.0	2.0
105.0	20.9	18.5	16.1	10.9	6.1	3.0	2.2	2.1	2.1	2.1
110.0	19.3	17.1	14.8	9.3	4.9	2.2	2.0	1.9	1.9	1.9
115.0	18.7	16.5	13.1	7.9	4.3	2.3	1.9	1.9	1.9	1.9
120.0	17.7	15.5	10.5	6.0	2.9	1.6	1.8	2.0	2.0	2.0
125.0	16.2	13.2	8.4	4.5	1.6	1.7	1.8	2.0	2.0	2.0
130.0	14.3	9.6	5.7	3.0	2.1	1.7	2.0	2.1	2.1	2.1
135.0	10.2	6.3	4.1	2.2	1.7	1.7	1.9	2.1	2.1	2.1
140.0	6.6	4.7	2.4	1.9	1.8	1.8	1.9	2.2	2.3	2.2
145.0	4.4	2.1	2.0	1.9	1.8	1.7	2.0	2.2	2.4	2.4
150.0	1.7	1.8	1.8	1.8	1.8	1.8	2.0	2.3	2.5	2.4
155.0	1.9	1.8	1.8	1.8	1.8	1.8	2.0	2.4	2.5	2.5
160.0	1.8	1.8	1.8	1.8	1.8	1.8	2.2	2.5	2.6	2.6

Photometric Data Table [cd]

165.0	1.8	1.8	1.9	1.9	1.9	1.9	2.3	2.6	2.7	2.7
170.0	1.9	1.9	1.9	1.9	1.9	1.9	2.3	2.5	2.6	2.6
175.0	1.9	1.8	1.8	1.8	1.8	1.8	2.1	2.3	2.5	2.5
180.0	1.7	1.7	1.8	1.8	1.8	1.8	1.9	2.3	2.5	2.5
185.0	1.5	1.5	1.5	1.5	1.5	1.7	1.9	2.3	2.6	2.7
190.0	1.5	1.5	1.6	1.6	1.6	1.6	1.9	2.3	2.6	2.8
195.0	3.2	2.3	1.7	1.8	1.8	1.7	2.1	2.4	2.8	2.8
200.0	5.4	4.7	3.7	2.7	2.0	1.9	2.1	2.5	2.8	2.8
205.0	7.5	6.4	5.6	4.7	3.3	2.3	2.3	2.5	2.8	2.9
210.0	11.2	8.7	7.1	6.2	5.1	3.5	2.5	2.5	2.6	2.8
215.0	15.5	12.6	9.8	7.6	6.4	4.9	3.4	2.6	2.5	2.6
220.0	17.5	15.5	12.7	9.7	7.3	5.8	4.3	2.8	2.5	2.4
225.0	19.4	17.3	15.4	12.2	8.7	6.8	5.4	3.5	2.5	2.4
230.0	21.0	19.2	16.9	14.4	11.1	7.3	6.0	4.5	2.5	2.1
235.0	22.8	20.3	18.3	15.9	12.6	8.3	6.4	4.9	2.9	2.5
240.0	24.1	21.5	19.4	16.9	14.4	10.2	6.8	5.5	3.6	2.3
245.0	25.4	22.8	20.1	18.0	15.2	11.3	7.2	5.7	3.6	2.4
250.0	26.7	23.8	21.2	18.8	16.0	12.5	7.4	6.0	4.0	2.3
255.0	27.4	24.5	21.8	19.3	16.6	13.4	7.8	6.2	4.2	2.0
260.0	27.4	24.5	21.9	19.3	16.5	13.7	8.1	6.2	4.2	2.4
265.0	27.2	24.3	21.7	19.1	16.4	13.8	8.6	6.2	4.3	2.4
270.0	28.5	25.6	22.7	20.1	17.2	11.9	8.9	7.6	5.8	3.3
275.0	28.3	25.4	22.6	20.1	17.3	12.0	8.9	7.4	5.8	3.6
280.0	27.9	24.9	22.3	19.5	16.7	11.3	8.7	7.4	5.9	3.7
285.0	26.8	24.0	21.4	18.8	16.0	10.5	8.5	7.3	5.8	3.9
290.0	25.4	22.9	20.4	18.1	14.7	9.6	8.3	7.0	5.4	3.5
295.0	24.9	22.4	19.9	17.5	13.8	9.5	8.3	7.0	5.2	3.5
300.0	23.7	21.3	19.0	16.6	12.4	9.4	8.2	6.7	4.8	3.2
305.0	22.3	20.0	18.0	15.1	10.6	9.3	7.9	6.5	4.5	3.1
310.0	20.5	18.5	16.4	13.0	10.0	8.8	7.4	6.1	4.2	2.8
315.0	18.2	16.5	13.9	10.5	9.4	8.3	6.8	5.2	3.6	2.5
320.0	16.6	14.3	11.3	10.1	8.9	7.6	6.2	4.4	3.1	2.7
325.0	13.5	10.9	9.9	8.9	7.9	6.7	5.3	3.8	2.8	2.8
330.0	9.5	8.8	8.3	7.6	6.7	5.5	4.1	3.2	2.9	2.9
335.0	8.3	7.8	7.2	6.4	5.3	4.1	3.3	3.1	3.1	3.0
340.0	7.0	6.4	5.6	4.7	3.9	3.3	3.0	3.0	3.0	3.1
345.0	4.8	4.3	3.7	3.3	2.9	2.9	2.9	2.9	2.9	2.9
350.0	2.8	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
355.0	2.3	2.3	2.3	2.4	2.4	2.4	2.4	2.5	2.5	2.6
360.0	2.1	2.3	2.4	2.4	2.5	2.6	2.6	2.6	2.6	2.6

C\γ	**175.0**	**177.5**	**180.0**
0.0	2.6	2.6	2.6
5.0	2.7	2.7	2.6
10.0	2.8	2.8	2.6
15.0	2.7	2.7	2.6
20.0	2.7	2.7	2.6
25.0	2.7	2.7	2.6

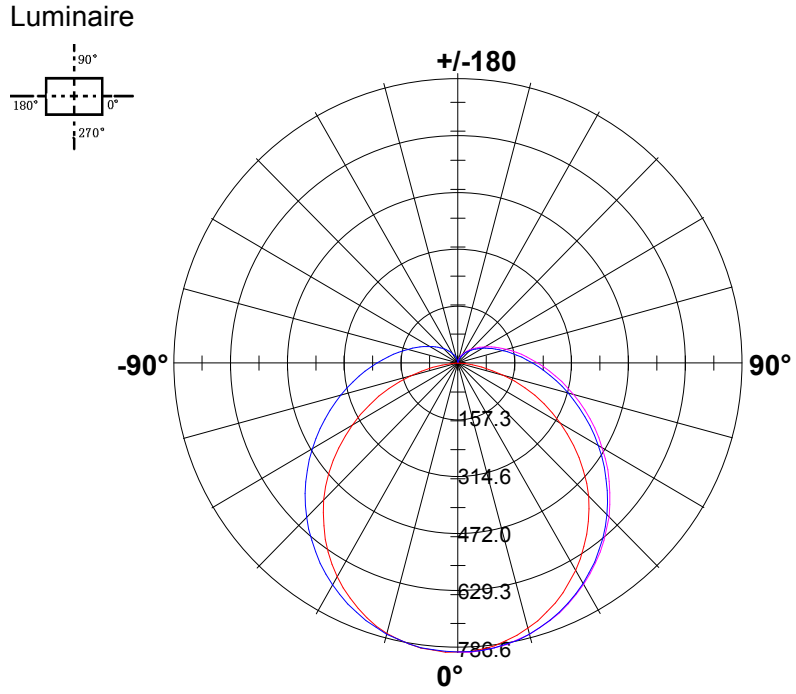
Photometric Data Table [cd]

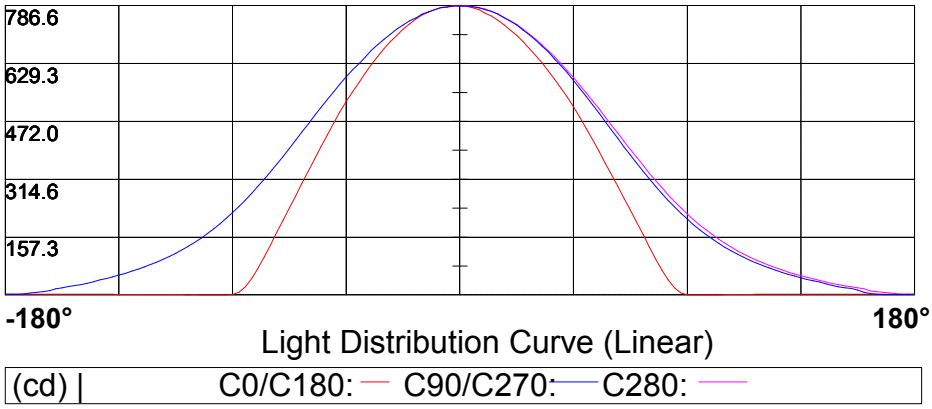
30.0	2.6	2.6	2.6
35.0	2.4	2.4	2.6
40.0	2.2	2.2	2.6
45.0	2.3	2.3	2.6
50.0	2.2	2.1	2.6
55.0	2.2	2.2	2.6
60.0	2.2	2.2	2.6
65.0	2.2	2.2	2.6
70.0	2.3	2.3	2.6
75.0	2.3	2.3	2.6
80.0	2.3	2.3	2.6
85.0	2.0	1.9	2.6
90.0	1.6	1.6	2.6
95.0	1.9	1.8	2.6
100.0	2.0	1.9	2.6
105.0	2.0	2.0	2.6
110.0	1.9	1.9	2.6
115.0	1.9	2.0	2.6
120.0	2.0	2.0	2.6
125.0	2.0	1.9	2.6
130.0	2.1	2.1	2.6
135.0	2.2	2.2	2.6
140.0	2.2	2.2	2.6
145.0	2.3	2.3	2.6
150.0	2.4	2.4	2.6
155.0	2.5	2.5	2.6
160.0	2.6	2.6	2.6
165.0	2.8	2.8	2.6
170.0	2.6	2.6	2.6
175.0	2.5	2.5	2.6
180.0	2.5	2.5	2.6
185.0	2.7	2.6	2.6
190.0	2.9	2.9	2.6
195.0	2.9	2.9	2.6
200.0	2.8	2.9	2.6
205.0	2.9	2.9	2.6
210.0	2.8	2.8	2.6
215.0	2.6	2.6	2.6
220.0	2.3	2.3	2.6
225.0	2.3	2.2	2.6
230.0	2.1	2.1	2.6
235.0	2.3	2.1	2.6
240.0	2.2	2.0	2.6
245.0	2.2	2.0	2.6
250.0	2.1	2.0	2.6
255.0	2.0	2.0	2.6
260.0	2.1	2.0	2.6
265.0	2.2	2.0	2.6
270.0	2.0	1.8	2.6

Photometric Data Table [cd]

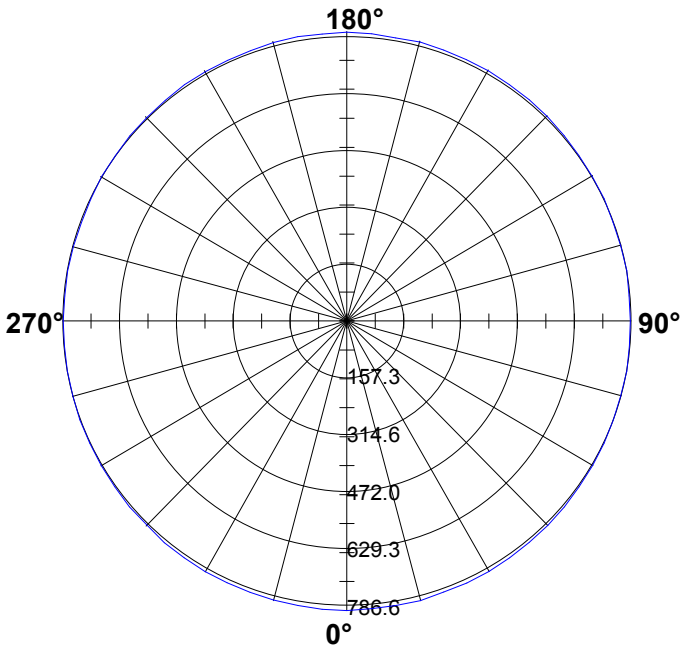
275.0	2.3	2.0	2.6
280.0	2.4	2.2	2.6
285.0	2.4	2.3	2.6
290.0	2.3	2.2	2.6
295.0	2.4	2.3	2.6
300.0	2.4	2.3	2.6
305.0	2.6	2.5	2.6
310.0	2.6	2.6	2.6
315.0	2.5	2.5	2.6
320.0	2.6	2.6	2.6
325.0	2.8	2.8	2.6
330.0	2.8	2.8	2.6
335.0	3.0	3.0	2.6
340.0	3.1	3.1	2.6
345.0	2.9	2.9	2.6
350.0	2.7	2.7	2.6
355.0	2.6	2.6	2.6
360.0	2.6	2.6	2.6

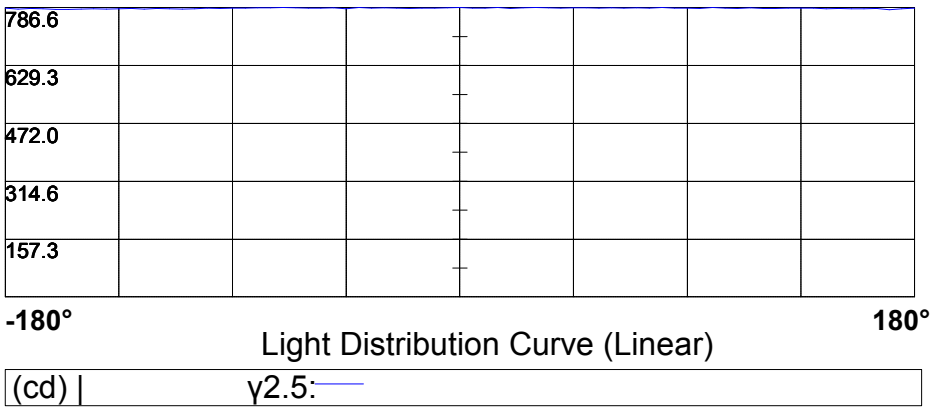
Light Distribution Curve [Unit: cd]



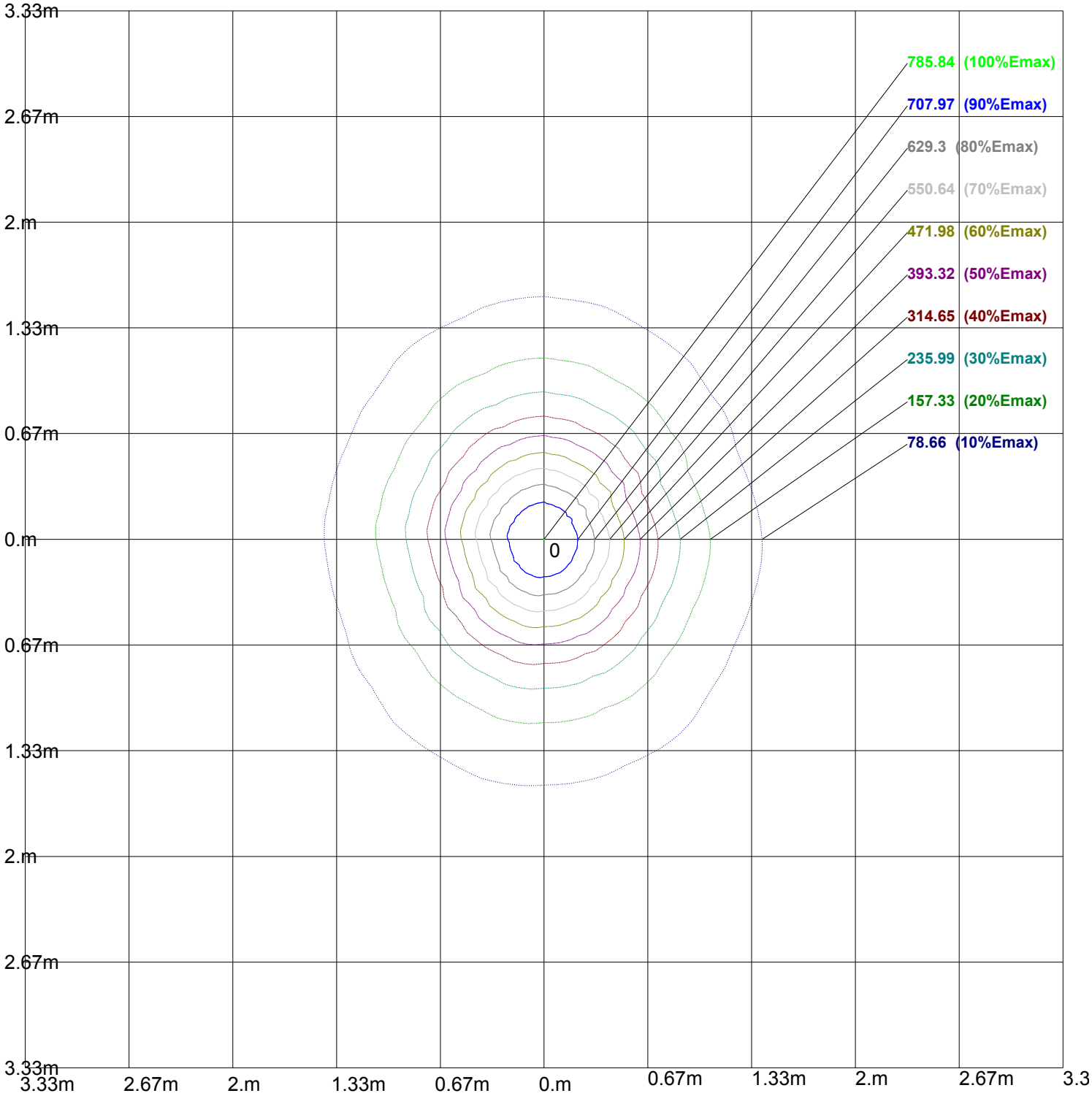


Max Plane Light Distribution Curve [Unit: cd]





Iso-Lux[lx]



Height: 1 m
Max Illuminance : 786.63lx

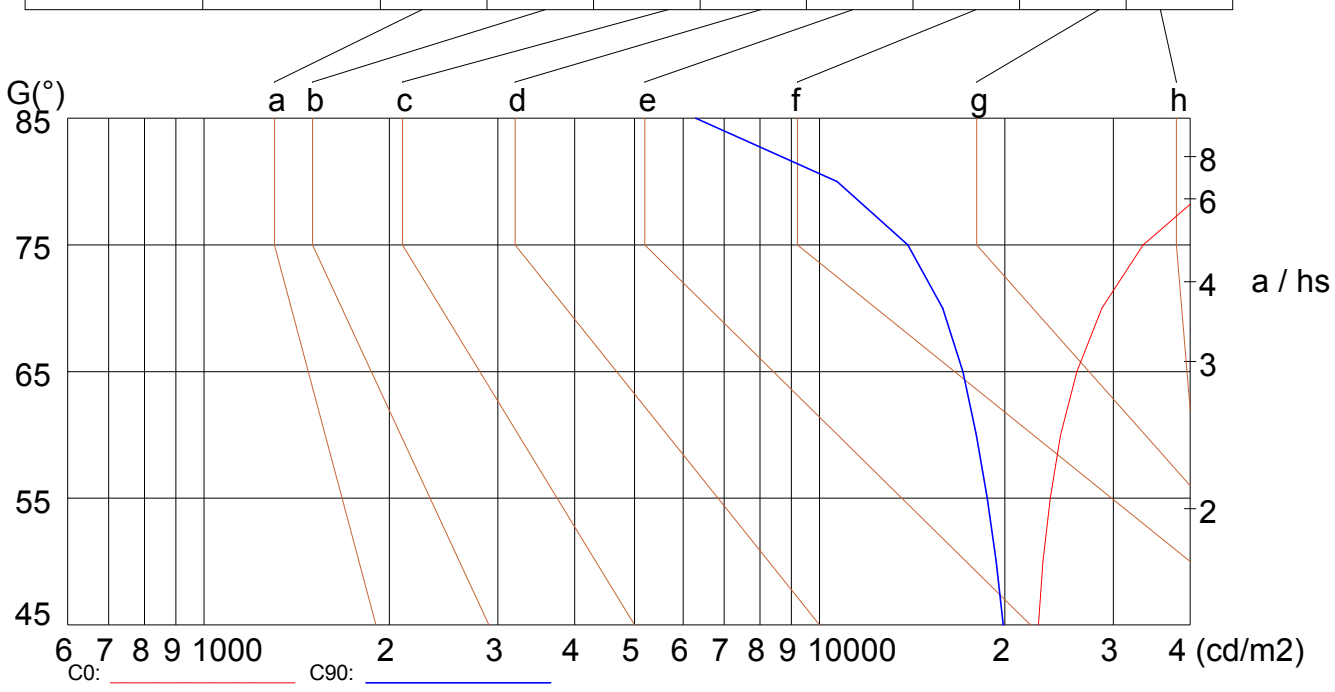
Luminance Limitting Curve

Diameter: 0mm
Length: 1212mm
Width: 30mm
Height: 26mm

(cd/m2)

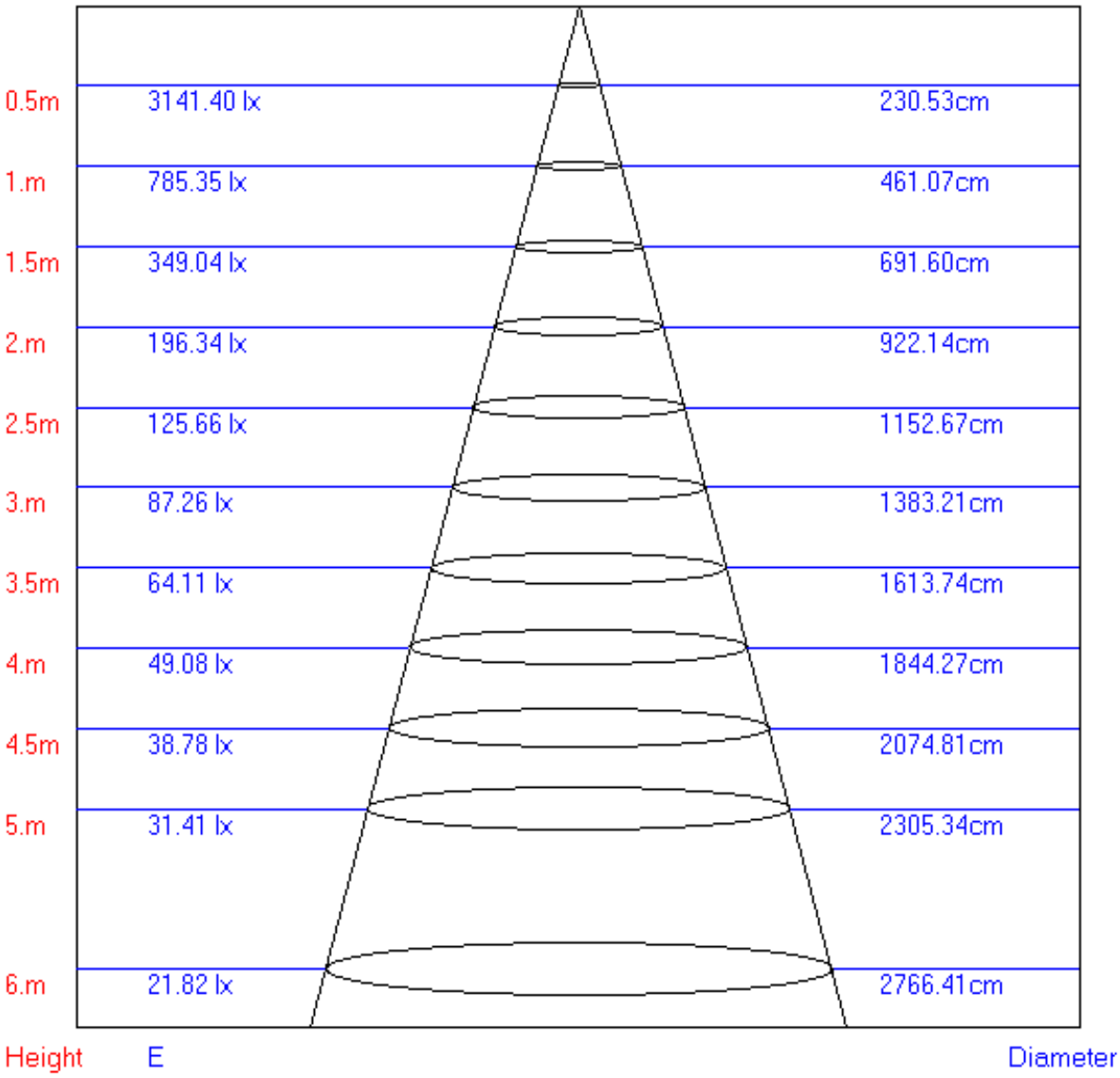
γ	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	22664	23065	23697	24632	26184	28744	33537	43566	75373
C90	19889	19367	18729	17983	17096	15854	13905	10682	6292

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:133.40°

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	1.02	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	0.70	0.66	0.72	0.67	0.63	0.69	0.63	0.59	0.55
4	0.66	0.63	0.61	0.67	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	0.43
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	0.51	0.46	0.42	0.50	0.45	0.40	0.50	0.43	0.38	0.35
8	0.45	0.43	0.42	0.46	0.43	0.41	0.47	0.42	0.39	0.47	0.41	0.37	0.47	0.40	0.36	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	0.38	0.36	0.40	0.37	0.36	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	2909.88 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