
6063

Client: Engineering

MANUFAC: FC

LumCAT: K12L23

Luminaire:

Ballast type:

Test No: 6063

Voltage(V): 119.960

LampCAT:

Current(A): 0.238

Lamp flux(lm)

Power (W): 28.405

Number of Lamps: 1

PF: 0.994

Length(feet)(ft.):2.083

Width(feet)(ft.):0.875

Phm Type: C

Height(feet)(ft.):0.625

Photometric Results

Lumens(lm): 2702.43, Luminous Efficacy(lm/W): 95.14

Central intensity(cd): 607.527, Maximum intensity(cd): 1083.742

Angle of maximum intensity: $C=2.5$ $\gamma=45.0$

Beam Angle(50%Imax): [C0/180]Total=128.8

[C90/270]Total=109.2

Field angle(10%Imax): [C0/180]Total=163.5

[C90/270]Total=158.8

IES Classification : TypeIV

Longitudinal Classification : VeryShort

Cut Off Classification : Noncutoff

Max Cd(At 90°Vert) : 603.3654

Max Cd(80 to 90°Vert) : 761.84

Street Side UpWard Lumens: 6.24%of Luminaire

Street Side DownWard Lumens: 45.53%of Luminaire

House Side UpWard Lumens: 5.27%of Luminaire

House Side DownWard Lumens: 42.96%of Luminaire

SLI: 2.875 (C Flash Area: 0.041)

Throw: 44.8 (short), Spread: 30.3 (narrow), Control: 2.875 (moderate)

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	607.526	0.000	0	0.00%	0.00%
2.5	607.215	3.632	3.632	0.13%	0.13%
5.0	606.300	10.879	14.511	0.40%	0.54%
7.5	604.518	18.068	32.579	0.67%	1.21%
10.0	602.303	25.164	57.742	0.93%	2.14%
12.5	599.017	32.124	89.866	1.19%	3.33%
15.0	594.795	38.893	128.759	1.44%	4.76%
17.5	589.779	45.435	174.194	1.68%	6.45%
20.0	583.579	51.697	225.891	1.91%	8.36%
22.5	576.237	57.618	283.508	2.13%	10.49%
25.0	567.784	63.154	346.662	2.34%	12.83%
27.5	558.027	68.250	414.912	2.53%	15.35%
30.0	546.991	72.851	487.763	2.70%	18.05%
32.5	534.799	76.922	564.686	2.85%	20.90%
35.0	521.431	80.432	645.118	2.98%	23.87%
37.5	507.187	83.368	728.487	3.08%	26.96%
40.0	492.436	85.761	814.248	3.17%	30.13%
42.5	477.429	87.651	901.899	3.24%	33.37%
45.0	462.423	89.083	990.981	3.30%	36.67%
47.5	448.088	90.152	1081.133	3.34%	40.01%
50.0	434.017	90.903	1172.036	3.36%	43.37%
52.5	419.764	91.266	1263.302	3.38%	46.75%
55.0	405.035	91.171	1354.473	3.37%	50.12%
57.5	389.995	90.607	1445.08	3.35%	53.47%
60.0	374.564	89.591	1534.671	3.32%	56.79%
62.5	358.735	88.121	1622.792	3.26%	60.05%
65.0	342.503	86.204	1708.996	3.19%	63.24%
67.5	325.954	83.864	1792.86	3.10%	66.34%
70.0	309.176	81.136	1873.996	3.00%	69.34%
72.5	292.196	78.054	1952.05	2.89%	72.23%
75.0	275.102	74.651	2026.701	2.76%	75.00%
77.5	258.020	70.979	2097.681	2.63%	77.62%
80.0	240.969	67.081	2164.761	2.48%	80.10%
82.5	224.171	63.013	2227.775	2.33%	82.44%
85.0	207.638	58.835	2286.61	2.18%	84.61%
87.5	191.361	54.572	2341.182	2.02%	86.63%
90.0	175.395	50.258	2391.44	1.86%	88.49%
92.5	159.739	45.925	2437.365	1.70%	90.19%

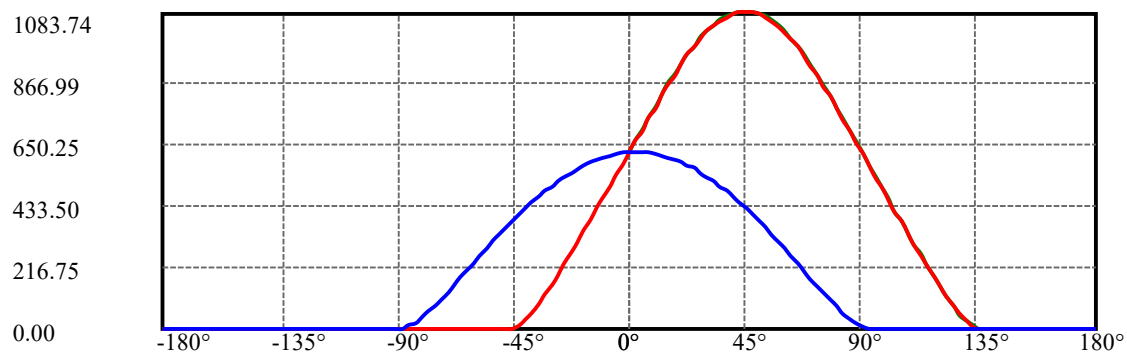
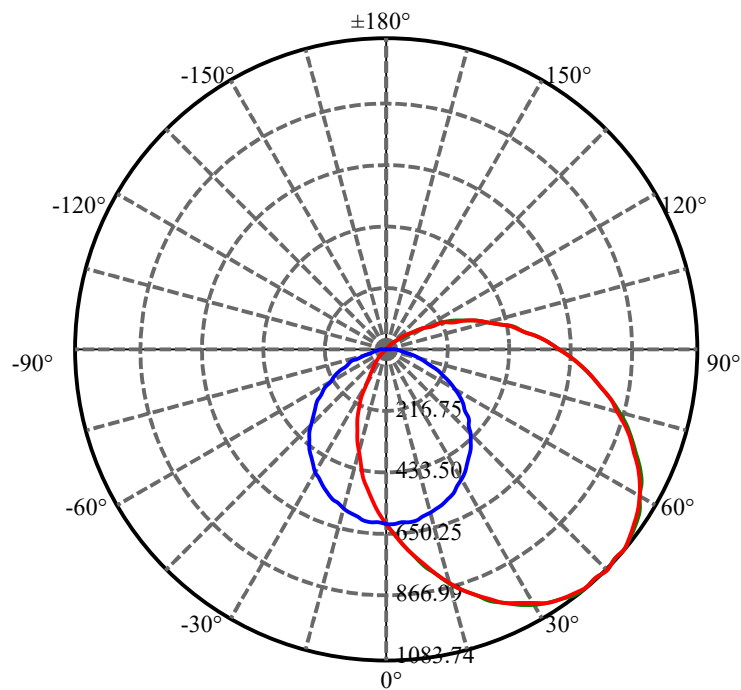
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
95.0	144.592	41.624	2478.99	1.54%	91.73%
97.5	129.981	37.411	2516.401	1.38%	93.12%
100.0	115.765	33.292	2549.692	1.23%	94.35%
102.5	101.998	29.275	2578.967	1.08%	95.43%
105.0	88.862	25.411	2604.378	0.94%	96.37%
107.5	76.222	21.723	2626.101	0.80%	97.18%
110.0	64.386	18.250	2644.351	0.68%	97.85%
112.5	53.214	15.023	2659.374	0.56%	98.41%
115.0	42.773	12.043	2671.417	0.45%	98.85%
117.5	33.193	9.339	2680.755	0.35%	99.20%
120.0	24.698	6.957	2687.712	0.26%	99.46%
122.5	17.409	4.934	2692.646	0.18%	99.64%
125.0	11.365	3.279	2695.926	0.12%	99.76%
127.5	6.667	1.993	2697.919	0.07%	99.83%
130.0	3.530	1.090	2699.009	0.04%	99.87%
132.5	1.824	0.552	2699.561	0.02%	99.89%
135.0	1.293	0.309	2699.869	0.01%	99.91%
137.5	1.312	0.247	2700.116	0.01%	99.91%
140.0	1.329	0.239	2700.355	0.01%	99.92%
142.5	1.339	0.229	2700.584	0.01%	99.93%
145.0	1.362	0.219	2700.803	0.01%	99.94%
147.5	1.383	0.209	2701.012	0.01%	99.95%
150.0	1.397	0.198	2701.209	0.01%	99.95%
152.5	1.416	0.185	2701.395	0.01%	99.96%
155.0	1.448	0.174	2701.568	0.01%	99.97%
157.5	1.442	0.159	2701.728	0.01%	99.97%
160.0	1.463	0.144	2701.872	0.01%	99.98%
162.5	1.455	0.129	2702.001	0.00%	99.98%
165.0	1.470	0.112	2702.113	0.00%	99.99%
167.5	1.469	0.096	2702.209	0.00%	99.99%
170.0	1.470	0.079	2702.287	0.00%	99.99%
172.5	1.488	0.062	2702.349	0.00%	100.00%
175.0	1.460	0.044	2702.393	0.00%	100.00%
177.5	1.480	0.026	2702.419	0.00%	100.00%
180.0	1.492	0.009	2702.428	0.00%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-30	487.76	18.05%
0-40	814.25	30.13%
0-60	1534.67	56.79%
0-90	2391.44	88.49%
0-120	2687.71	99.46%
0-180	2702.43	100.00%
60-90	856.77	31.70%
90-120	296.27	10.96%
90-130	307.57	11.38%
90-150	309.77	11.46%
90-180	310.98	11.51%
0-79.89	2161.94	80.00%

ZONAL LUMEN SUMMARY

0-10	57.74
10-20	168.15
20-30	261.87
30-40	326.48
40-50	357.79
50-60	362.64
60-70	339.33
70-80	290.76
80-90	226.68
90-100	158.25
100-110	94.66
110-120	43.36
120-130	11.30
130-140	1.35
140-150	0.85
150-160	0.66
160-170	0.42
170-180	0.13



C2.5(Max): —————

C0/C180: —————

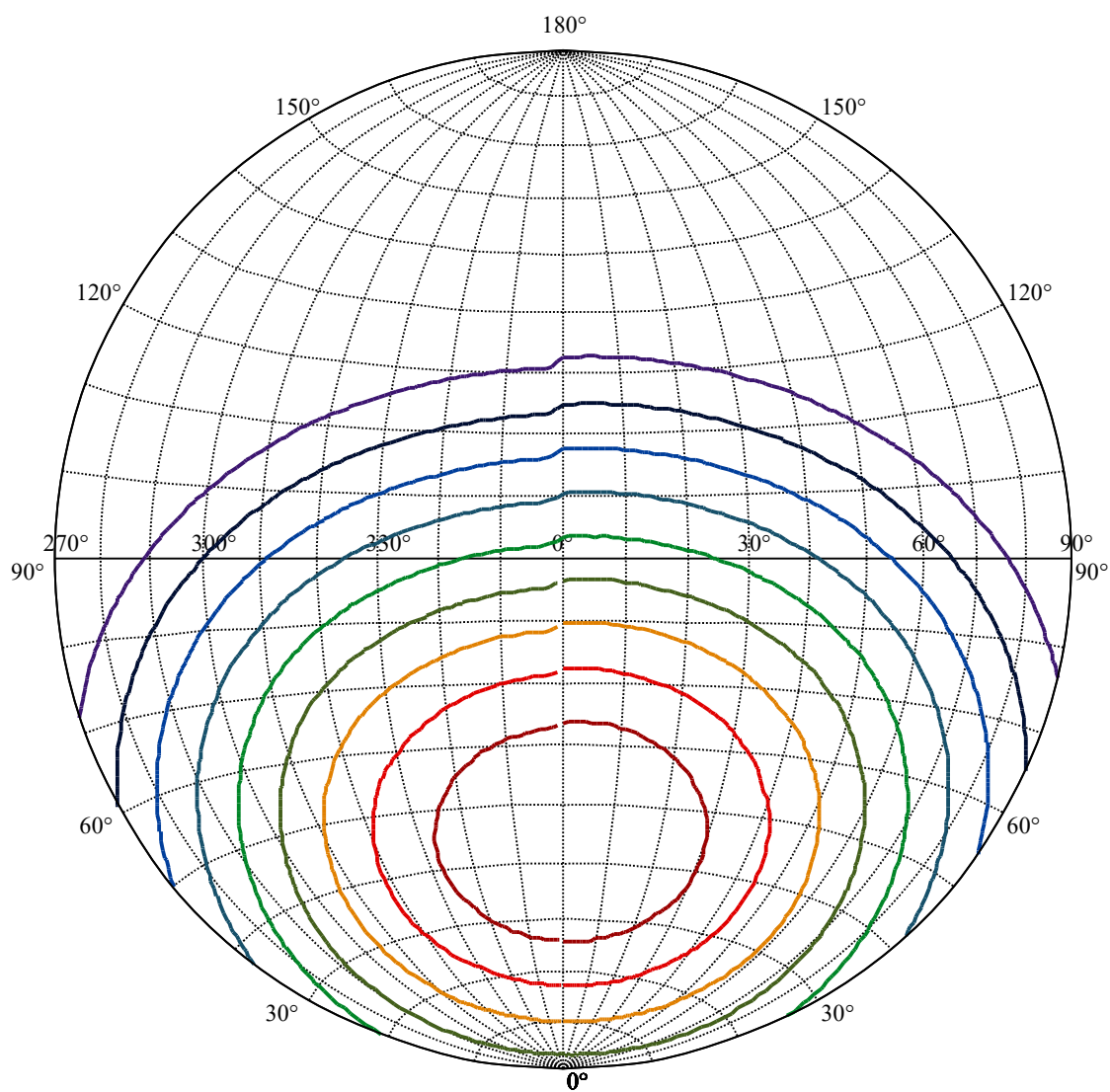
C90/C270: —————

Field angle(10%Imax):C0/180Left:37.0 Right:126.5

:C90/270Left:77.1 Right:81.7

Beam Angle(50%Imax):C0/180Left:19.6 Right:109.2

:C90/270Left:52.2 Right:57.0



House

[Unit:cd]

Road

Imax:1083.74

(10%Imax) 109.207

(20%Imax) 218.414

(30%Imax) 327.621

(40%Imax) 436.828

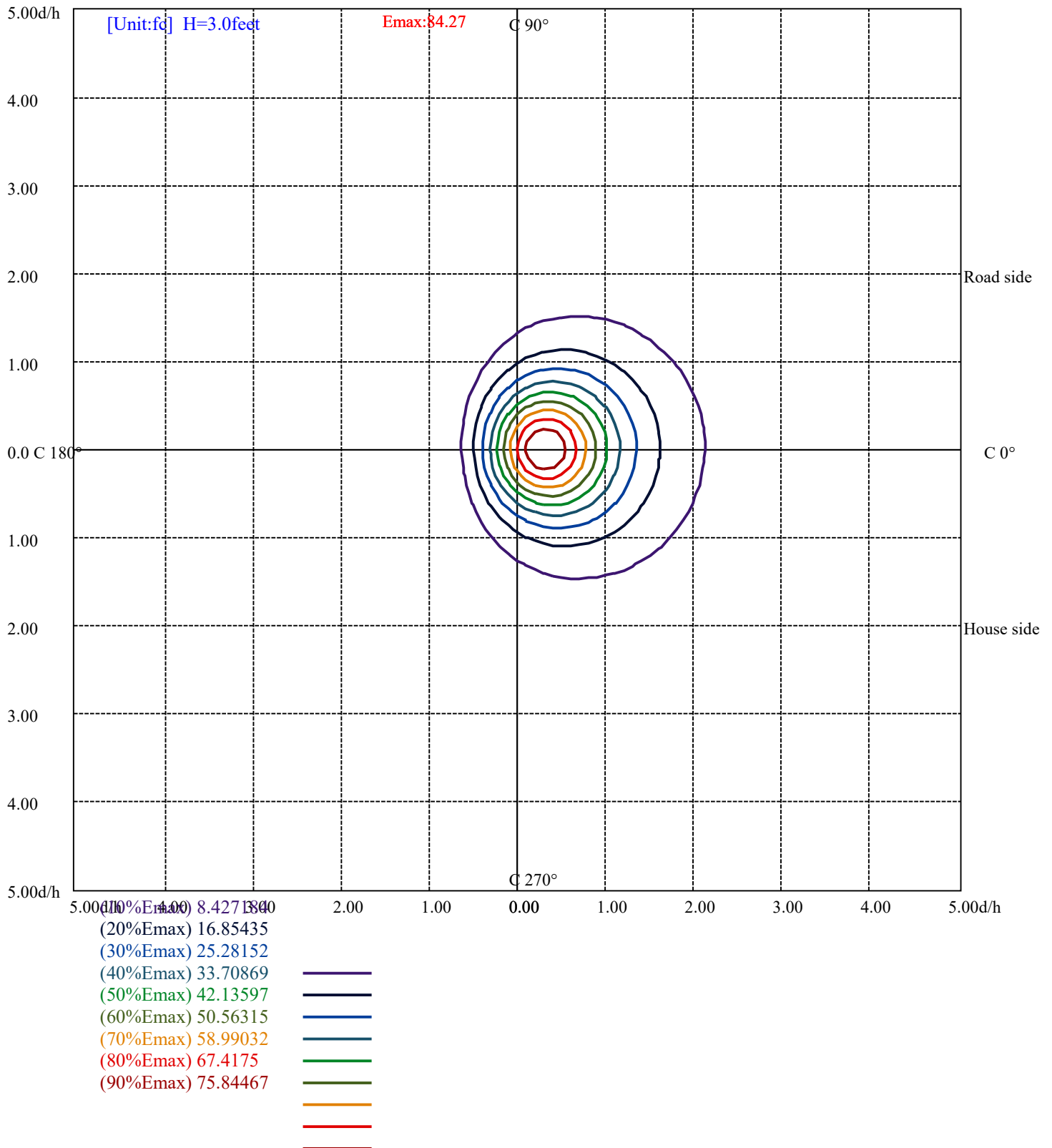
(50%Imax) 546.035

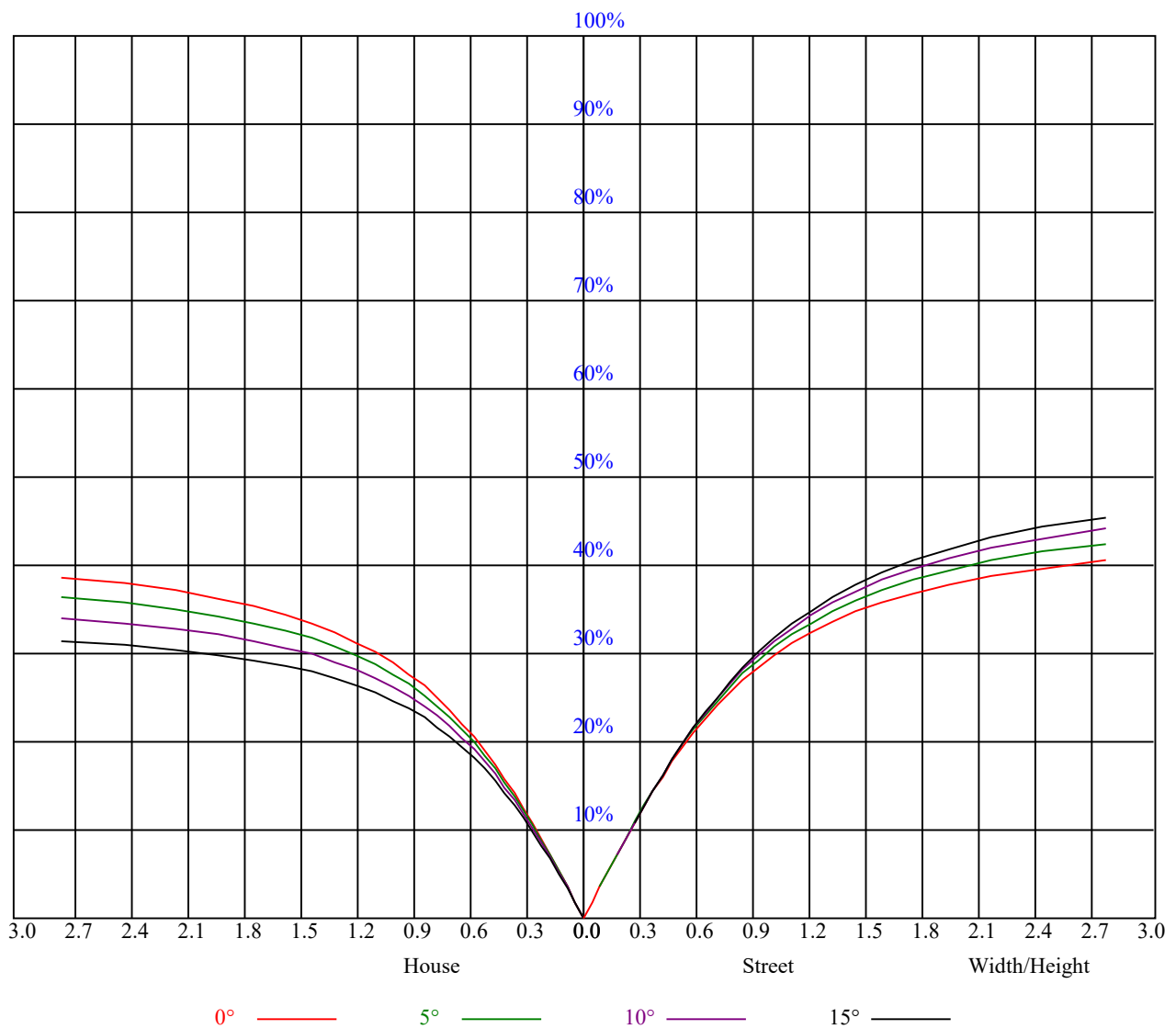
(60%Imax) 655.243

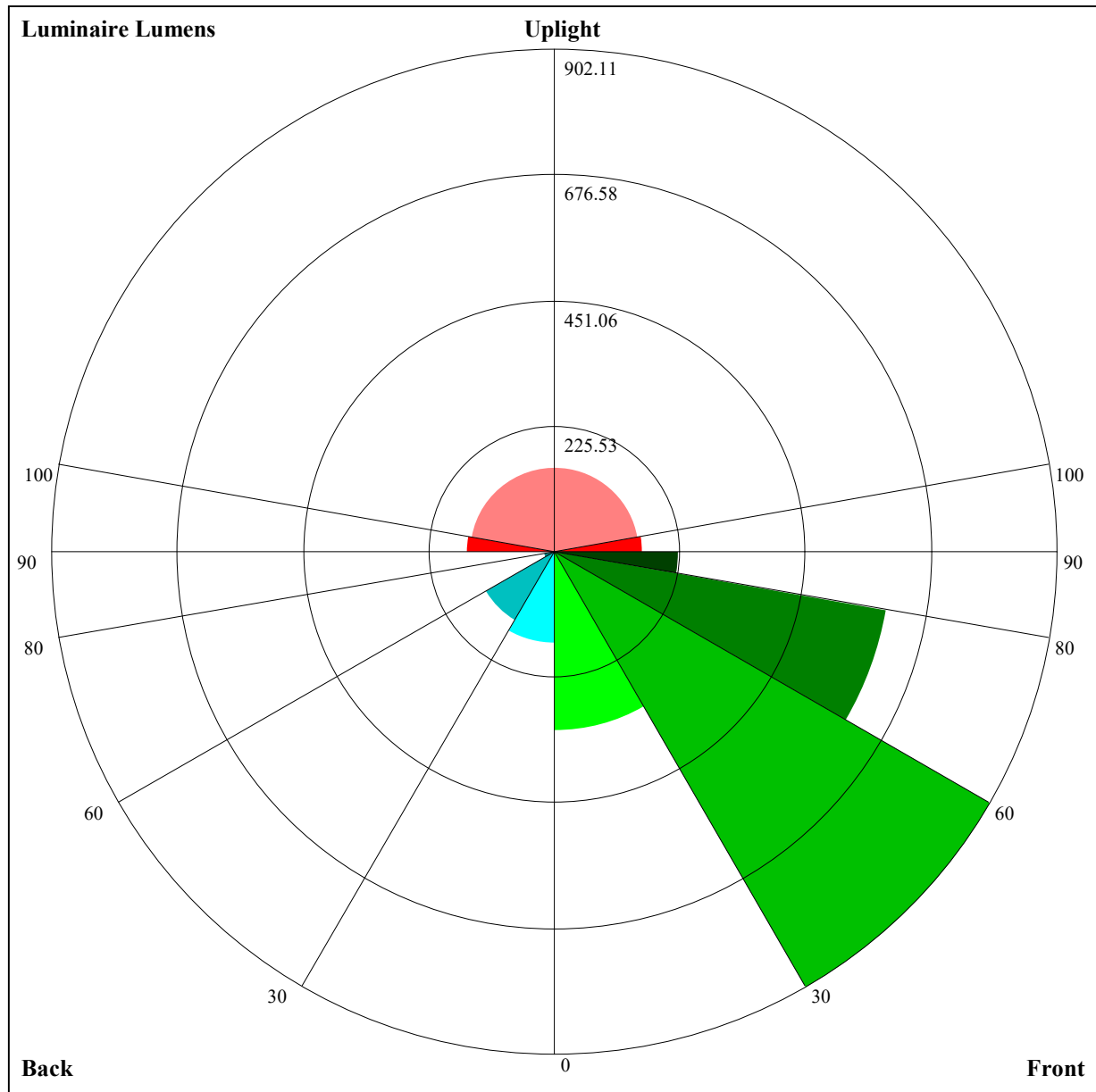
(70%Imax) 764.45

(80%Imax) 873.657

(90%Imax) 982.864







Luminaire Lumens:

FL=322.29,FM=902.11,FH=606.25,FVH=222.62

BL=165.14,BM=142.15,BH=19.32,BVH=1.33

UL=158.26,UH=152.8

BUG Rating:B1-U3-G1

Intensity data(cd)

Appendix Page: 10 Total:36

C/ γ (°)	0.0	2.5	5.0	7.5	10.0	12.5	15.0	17.5	20.0
0.0	607.53	645.48	683.90	725.09	762.97	803.23	839.04	873.99	910.02
2.5	607.53	645.66	687.27	725.10	766.32	803.22	842.97	877.79	911.29
5.0	607.53	645.90	687.28	725.04	762.72	802.79	838.93	876.92	909.98
7.5	607.53	648.86	686.95	724.89	765.61	802.31	841.71	876.33	912.41
10.0	607.53	644.94	686.36	723.55	760.97	800.54	836.42	873.53	905.79
12.5	607.53	648.25	685.73	722.60	763.01	799.11	837.29	871.38	906.39
15.0	607.53	644.71	685.05	721.55	757.58	796.69	831.19	867.00	898.73
17.5	607.53	647.62	684.02	720.18	759.20	794.06	831.22	864.16	897.79
20.0	607.53	643.76	682.90	718.36	753.82	791.05	824.52	859.13	889.45
22.5	607.53	646.24	681.57	716.51	753.92	787.79	823.35	854.53	886.64
25.0	607.53	641.89	676.86	713.82	747.34	783.15	814.98	847.74	876.20
27.5	607.53	644.71	678.60	712.18	747.75	781.49	812.39	841.52	871.81
30.0	607.53	643.88	677.03	709.41	744.23	774.93	807.38	835.86	862.34
32.5	607.53	639.95	672.14	706.16	737.06	769.55	798.31	825.24	852.86
35.0	607.53	639.39	673.08	703.64	736.26	764.68	794.40	820.60	844.90
37.5	607.53	638.23	668.47	700.54	729.11	758.89	785.18	809.78	834.62
40.0	607.53	637.19	669.15	697.52	727.03	753.35	778.59	803.99	826.10
42.5	607.53	638.66	666.67	696.28	722.68	747.41	773.58	795.26	817.46
45.0	607.53	635.04	661.80	690.16	714.56	740.33	762.68	783.05	803.57
47.5	607.53	633.91	661.44	686.23	711.78	734.22	754.75	775.74	793.00
50.0	607.53	635.13	659.09	682.52	706.63	727.16	748.30	766.48	783.21
52.5	607.53	631.09	654.05	678.37	698.68	719.36	737.25	753.31	768.84
55.0	607.53	629.94	653.26	673.94	694.76	712.02	728.46	744.36	757.38
57.5	607.53	630.32	650.69	669.24	688.85	705.06	721.19	733.68	745.19
60.0	607.53	629.04	647.67	666.61	682.81	697.74	712.05	723.03	733.71
62.5	607.53	625.89	643.04	660.19	674.92	689.12	700.68	710.36	718.97
65.0	607.53	624.38	641.38	655.52	668.29	680.91	691.26	699.88	706.15
67.5	607.53	622.65	637.86	650.64	663.20	672.88	681.27	688.38	693.00
70.0	607.53	622.68	635.02	646.23	656.99	664.94	672.06	677.36	680.69
72.5	607.53	620.95	631.72	642.34	650.38	656.83	662.29	665.70	667.29
75.0	607.53	617.69	628.22	635.88	642.25	647.71	650.97	652.79	652.79
77.5	607.53	617.57	625.17	631.33	636.66	639.93	641.68	642.06	640.46
80.0	607.53	615.14	620.92	625.87	629.06	630.97	630.66	629.22	625.87
82.5	607.53	613.25	617.97	620.79	622.47	622.32	620.49	617.21	612.79
85.0	607.53	612.04	614.87	616.09	615.78	614.02	610.89	606.23	599.58
87.5	607.53	610.13	611.28	610.66	608.90	605.54	600.87	594.13	587.17
90.0	607.53	608.14	607.60	605.38	601.93	597.41	591.05	583.62	573.73
92.5	607.53	606.30	604.24	600.34	595.36	588.17	580.14	571.03	559.86
95.0	607.53	604.93	600.88	595.07	587.80	580.08	570.60	558.91	547.36
97.5	607.53	602.49	596.85	589.29	580.75	571.29	559.09	547.34	532.77
100.0	607.53	601.58	594.26	584.97	574.83	563.09	550.44	535.65	521.17
102.5	607.53	599.70	590.12	579.78	567.01	554.31	540.71	524.21	508.78
105.0	607.53	597.13	586.73	574.97	560.93	546.52	530.28	514.04	495.67
107.5	607.53	596.30	584.39	569.98	555.26	538.57	521.66	504.51	484.26
110.0	607.53	595.01	581.59	565.36	549.21	530.86	513.03	494.45	473.07
112.5	607.53	593.50	578.55	560.73	543.44	523.41	504.22	484.43	461.90
115.0	607.53	591.45	573.78	555.57	537.14	515.60	495.50	472.37	450.60
117.5	607.53	590.58	570.59	551.89	531.52	509.02	487.21	463.04	440.08
120.0	607.53	588.87	567.62	547.44	523.91	501.98	479.21	454.08	430.25
122.5	607.53	587.39	564.74	542.77	517.83	495.40	471.30	444.60	419.97
125.0	607.53	584.28	562.03	538.79	512.95	488.48	461.80	436.34	410.57
127.5	607.53	582.70	559.34	534.98	507.86	482.96	454.46	428.49	399.37
130.0	607.53	581.44	556.66	529.19	503.41	477.09	447.78	421.08	390.93
132.5	607.53	582.31	556.33	527.64	500.50	471.12	442.98	415.14	383.92
135.0	607.53	580.91	551.43	523.81	495.88	465.10	436.70	407.62	375.90
137.5	607.53	579.97	549.25	520.62	491.90	459.95	430.46	398.35	368.48
140.0	607.53	578.44	546.88	517.41	484.85	454.99	424.51	391.72	361.40
142.5	607.53	575.06	545.21	511.89	481.66	450.65	416.87	386.02	351.93

Intensity data(cd)

C/γ(°)	0.0	2.5	5.0	7.5	10.0	12.5	15.0	17.5	20.0
145.0	607.53	576.64	545.90	511.68	480.09	445.56	413.66	382.23	347.39
147.5	607.53	575.97	541.48	509.15	477.20	442.79	407.29	375.03	342.47
150.0	607.53	571.98	539.45	504.14	471.37	438.45	402.68	369.68	333.60
152.5	607.53	574.28	537.70	504.38	470.66	434.09	400.46	364.04	330.32
155.0	607.53	573.32	536.10	502.44	465.22	431.32	394.10	360.13	326.00
157.5	607.53	569.66	534.95	497.54	463.15	428.44	390.95	356.56	318.76
160.0	607.53	572.30	533.98	498.75	463.45	425.20	389.97	352.04	316.89
162.5	607.53	568.66	533.12	497.43	458.48	423.17	384.31	349.08	313.92
165.0	607.53	571.16	535.17	495.39	459.64	420.63	384.65	348.74	309.81
167.5	607.53	567.73	531.50	494.96	455.39	419.16	383.24	343.83	307.98
170.0	607.53	570.30	533.55	493.76	456.77	417.22	380.54	344.17	304.77
172.5	607.53	566.98	529.46	492.64	452.72	415.74	376.13	339.69	303.34
175.0	607.53	569.74	532.41	491.67	454.50	414.30	377.52	341.05	300.93
177.5	607.53	566.71	529.47	491.76	451.11	414.41	374.21	337.59	297.79
180.0	607.53	566.95	530.38	488.89	451.85	415.13	374.48	337.83	298.18
182.5	607.53	570.01	529.64	491.89	450.90	414.15	376.94	336.80	300.14
185.0	607.53	567.07	530.39	488.70	452.18	414.80	374.50	337.98	297.83
187.5	607.53	570.44	529.80	492.48	454.78	414.60	377.59	337.33	300.94
190.0	607.53	567.26	530.84	492.81	453.24	416.21	375.79	339.83	299.95
192.5	607.53	570.74	531.17	493.69	456.74	417.18	379.85	340.21	304.34
195.0	607.53	567.88	532.31	491.51	455.16	418.90	378.95	343.29	304.11
197.5	607.53	571.98	532.35	496.02	459.70	420.46	383.83	344.82	309.19
200.0	607.53	569.07	534.15	494.00	458.62	423.00	383.71	348.70	309.64
202.5	607.53	572.35	534.56	498.39	462.90	424.88	389.09	350.54	315.51
205.0	607.53	570.11	535.98	497.10	462.82	427.77	389.59	355.07	317.19
207.5	607.53	573.79	536.99	502.26	467.84	430.57	395.61	358.20	323.93
210.0	607.53	574.38	540.09	502.81	469.06	435.53	398.10	364.27	327.07
212.5	607.53	572.21	540.55	503.63	470.83	437.87	401.18	368.07	332.98
215.0	607.53	575.90	541.90	508.74	473.29	441.05	408.12	372.29	339.75
217.5	607.53	574.24	544.07	508.49	477.79	445.80	410.83	379.14	343.57
220.0	607.53	575.65	545.75	514.64	480.93	449.66	415.34	384.07	352.57
222.5	607.53	578.68	547.47	516.79	487.18	454.14	423.15	389.65	358.44
225.0	607.53	577.80	549.60	517.98	488.86	459.90	426.76	396.96	363.82
227.5	607.53	581.14	552.32	523.19	492.70	463.95	432.24	403.12	373.46
230.0	607.53	582.28	553.91	526.83	499.30	469.18	440.81	409.63	380.81
232.5	607.53	581.39	556.61	527.97	501.90	475.38	445.30	417.87	387.19
235.0	607.53	582.69	558.84	533.70	506.06	480.31	451.31	424.58	397.55
237.5	607.53	585.87	561.34	537.10	510.75	486.37	460.70	432.45	406.18
240.0	607.53	587.15	566.10	541.63	517.92	492.47	467.86	443.09	414.99
242.5	607.53	586.67	567.18	543.83	522.00	499.71	474.10	450.53	423.55
245.0	607.53	588.26	569.66	549.71	527.34	506.03	481.77	458.95	435.52
247.5	607.53	591.34	572.66	554.05	532.72	512.75	491.95	467.97	445.51
250.0	607.53	593.06	575.94	558.52	540.57	519.89	500.20	477.48	456.12
252.5	607.53	594.33	580.37	562.78	546.47	527.43	508.24	489.06	466.83
255.0	607.53	594.64	581.60	567.27	550.82	534.29	515.56	497.36	478.03
257.5	607.53	597.49	585.32	572.62	558.47	542.50	526.00	507.67	489.64
260.0	607.53	598.55	588.42	576.17	563.69	549.16	534.24	518.33	500.22
262.5	607.53	600.05	591.44	581.76	569.78	557.74	543.18	528.84	513.36
265.0	607.53	602.33	594.76	586.96	577.71	566.17	553.86	539.64	525.73
267.5	607.53	603.47	598.50	591.15	583.19	574.01	562.84	551.43	537.20
270.0	607.53	605.53	601.86	597.49	591.05	583.39	573.50	563.31	551.74
272.5	607.53	606.84	605.08	601.64	597.12	590.62	582.43	573.79	562.85
275.0	607.53	608.83	608.75	607.22	604.01	599.58	593.92	585.82	577.25
277.5	607.53	610.04	611.72	611.87	611.04	607.68	603.41	597.46	589.98
280.0	607.53	612.71	615.83	618.20	618.12	617.13	614.31	610.12	604.02
282.5	607.53	613.68	619.01	622.73	624.93	625.62	624.25	621.59	617.10
285.0	607.53	615.42	622.40	627.56	631.28	633.93	634.47	633.33	630.60
287.5	607.53	617.69	625.88	633.39	638.63	642.80	645.15	645.61	644.54

Intensity data(cd)

Appendix Page: 12 Total:36

C/γ(°)	0.0	2.5	5.0	7.5	10.0	12.5	15.0	17.5	20.0
290.0	607.53	619.66	629.29	638.85	645.98	650.98	655.38	657.81	658.26
292.5	607.53	621.63	632.71	644.16	652.81	659.56	665.70	669.95	672.15
295.0	607.53	622.77	635.59	647.95	659.18	667.90	675.94	681.40	685.57
297.5	607.53	624.48	639.30	652.98	666.28	676.69	686.35	693.57	699.34
300.0	607.53	626.56	642.48	657.86	672.86	684.97	696.93	705.76	712.84
302.5	607.53	625.91	645.36	662.06	678.92	692.73	705.31	716.83	725.98
305.0	607.53	627.63	648.51	667.39	685.67	700.80	715.10	728.40	738.96
307.5	607.53	629.13	651.58	671.73	690.19	708.50	724.74	739.83	752.25
310.0	607.53	630.54	652.26	676.12	696.22	716.48	733.82	749.32	764.36
312.5	607.53	634.05	657.65	682.78	704.68	726.43	745.24	762.90	779.94
315.0	607.53	634.99	659.84	686.92	709.68	731.75	754.43	773.10	791.62
317.5	607.53	636.55	662.25	688.42	715.12	738.20	762.44	782.97	801.57
320.0	607.53	635.23	664.62	692.17	719.71	744.63	767.93	791.93	812.22
322.5	607.53	635.91	666.91	695.30	722.60	750.44	775.82	801.11	822.63
325.0	607.53	640.20	669.39	702.21	730.32	757.41	786.29	811.15	836.38
327.5	607.53	641.33	671.80	702.43	734.60	763.06	792.92	819.21	843.42
330.0	607.53	638.98	672.13	704.13	737.20	766.66	795.57	824.71	850.31
332.5	607.53	643.17	674.64	707.89	742.30	772.77	805.40	833.46	861.53
335.0	607.53	640.65	676.56	710.07	745.66	777.17	807.82	839.79	867.35
337.5	607.53	641.69	675.01	712.50	745.81	780.91	812.99	843.15	874.46
340.0	607.53	645.39	679.68	715.22	752.46	785.83	821.52	852.72	884.54
342.5	607.53	642.91	680.62	716.86	754.56	788.48	821.86	856.47	886.91
345.0	607.53	646.69	682.13	721.76	757.66	792.17	829.55	862.43	896.48
347.5	607.53	643.84	682.94	720.48	759.27	794.50	829.96	865.80	897.63
350.0	607.53	647.62	683.99	724.79	761.70	797.68	836.22	870.18	905.31
352.5	607.53	644.35	684.12	722.33	762.18	798.46	834.43	871.48	904.27
355.0	607.53	647.96	684.97	726.57	764.21	800.37	839.56	874.55	910.63
357.5	607.53	645.16	685.66	723.91	761.31	801.35	837.35	875.44	908.88
360.0	607.53	645.48	683.90	725.09	762.97	803.23	839.04	873.99	910.02

Intensity data(cd)

Appendix Page: 13 Total:36

C/γ(°)	22.5	25.0	27.5	30.0	32.5	35.0	37.5	40.0	42.5
0.0	941.74	972.92	998.87	1021.65	1043.29	1059.15	1073.08	1082.17	1087.87
2.5	945.72	974.59	1002.61	1025.31	1044.84	1062.90	1075.33	1085.37	1090.85
5.0	941.27	972.86	998.44	1023.26	1042.52	1058.78	1072.73	1081.43	1087.75
7.5	943.55	972.21	999.95	1022.59	1043.68	1059.68	1072.27	1082.31	1087.41
10.0	936.58	967.53	992.71	1016.88	1035.97	1053.22	1065.46	1073.93	1079.71
12.5	936.93	964.55	991.69	1013.37	1033.96	1049.39	1061.42	1070.44	1075.45
15.0	928.46	958.35	982.48	1005.60	1023.74	1038.57	1051.40	1059.31	1064.07
17.5	926.95	953.57	979.51	1000.21	1019.37	1033.45	1044.53	1052.69	1056.77
20.0	917.78	946.25	969.28	990.77	1007.81	1022.70	1032.91	1039.59	1043.81
22.5	913.98	939.55	963.67	982.64	1000.38	1013.21	1023.27	1030.03	1032.87
25.0	902.99	929.54	951.73	969.87	985.17	998.57	1007.52	1013.79	1015.94
27.5	897.57	923.25	943.64	962.66	977.07	988.50	997.47	1002.07	1004.21
30.0	889.05	911.25	932.53	949.29	962.77	974.55	981.67	986.26	987.11
32.5	876.43	899.47	918.00	934.71	947.37	956.76	963.77	967.43	967.43
35.0	869.12	889.21	908.31	922.83	934.36	943.68	948.95	951.55	950.94
37.5	855.72	876.21	892.59	905.84	917.42	924.74	929.92	931.59	929.84
40.0	847.38	864.62	879.72	893.22	902.60	909.76	913.58	914.19	911.90
42.5	836.01	852.03	866.91	877.98	887.44	892.56	895.15	895.30	892.40
45.0	820.45	836.64	848.80	858.69	866.97	871.23	872.98	871.84	867.50
47.5	809.73	823.12	834.14	843.42	849.50	853.23	853.46	851.40	846.61
50.0	797.28	809.07	819.42	826.56	831.51	834.17	833.56	830.06	824.36
52.5	781.27	792.71	800.82	806.50	810.06	811.50	809.38	805.36	798.24
55.0	768.44	777.53	784.42	789.03	791.38	790.78	788.20	783.05	774.65
57.5	755.34	762.76	768.44	771.09	772.38	770.41	766.85	760.03	751.93
60.0	741.82	747.95	751.59	753.03	752.35	749.85	744.70	737.58	728.26
62.5	725.16	730.23	732.42	732.57	730.45	726.83	720.25	712.02	701.14
65.0	711.21	713.93	714.84	713.63	710.23	704.64	697.53	688.77	676.52
67.5	696.63	697.99	697.08	694.59	690.12	683.24	675.07	663.95	652.38
70.0	682.13	681.53	679.48	675.69	669.10	661.45	652.52	640.70	627.98
72.5	667.22	665.17	661.45	656.52	648.86	639.84	628.61	616.78	603.36
75.0	651.05	647.86	642.86	635.50	627.32	616.55	605.25	592.36	576.97
77.5	636.88	632.09	625.10	616.88	607.75	595.81	583.65	568.81	553.83
80.0	621.30	614.22	606.92	597.40	585.84	573.97	559.66	545.20	529.22
82.5	606.15	598.30	589.53	578.10	566.13	551.94	537.99	522.06	504.67
85.0	592.08	583.29	572.51	560.89	546.75	532.76	516.02	499.51	480.62
87.5	577.38	567.12	555.80	542.02	527.86	511.64	495.27	478.35	458.23
90.0	563.62	552.20	538.25	524.31	507.91	491.51	474.19	454.34	435.57
92.5	548.54	534.54	520.54	504.09	487.95	470.89	451.07	432.02	410.45
95.0	533.14	518.85	502.56	486.13	469.08	449.05	430.02	408.30	387.59
97.5	518.73	503.25	485.55	468.08	448.02	429.25	409.34	386.76	365.40
100.0	505.47	487.41	469.95	449.45	430.40	410.12	387.72	366.45	342.06
102.5	490.38	472.44	453.82	432.92	412.54	389.74	368.07	345.65	320.72
105.0	477.46	458.11	436.86	416.38	393.15	371.45	348.99	323.87	300.20
107.5	465.07	443.15	422.36	400.97	376.93	354.09	328.61	304.86	280.82
110.0	452.67	429.54	407.62	385.33	360.22	336.56	310.40	286.13	261.11
112.5	440.06	416.24	393.49	367.85	343.73	319.62	292.39	267.81	240.20
115.0	427.92	402.97	379.15	352.61	328.34	303.16	275.78	250.22	222.15
117.5	416.44	390.45	365.98	338.54	313.30	285.41	259.41	233.57	205.14
120.0	403.29	378.16	353.03	325.01	299.12	270.41	243.76	217.18	188.09
122.5	392.51	366.50	340.41	311.73	285.11	255.60	228.82	201.59	172.30
125.0	382.36	355.68	326.09	299.25	272.11	241.91	214.46	184.34	156.74
127.5	372.56	345.06	315.18	287.29	256.65	228.22	200.57	169.92	142.34
130.0	363.15	335.14	303.92	275.83	244.53	215.68	187.21	156.37	128.67
132.5	355.31	323.77	294.70	265.63	233.79	204.33	172.72	144.04	116.35
135.0	346.82	314.33	284.55	252.07	222.60	192.50	160.41	131.94	101.77
137.5	335.68	305.58	275.32	242.05	212.18	179.07	149.43	120.49	90.31
140.0	327.68	297.05	263.33	232.24	201.69	168.43	138.96	109.87	80.40
142.5	320.77	289.38	255.21	223.98	192.74	159.19	129.11	97.87	71.80

Intensity data(cd)

Appendix Page: 14 Total:36

C/γ(°)	22.5	25.0	27.5	30.0	32.5	35.0	37.5	40.0	42.5
145.0	315.26	280.58	249.22	214.77	183.02	149.11	118.69	90.35	61.47
147.5	307.05	274.72	239.22	206.81	175.03	141.07	110.68	79.89	54.14
150.0	300.99	268.14	232.14	199.76	164.45	133.15	100.53	72.55	47.65
152.5	297.31	260.35	227.17	190.83	158.59	127.20	94.10	66.42	39.98
155.0	289.02	255.12	218.60	185.08	152.42	117.68	87.87	58.30	35.36
157.5	284.83	250.43	213.49	179.94	144.07	112.53	82.76	53.60	31.16
160.0	282.36	244.26	210.04	173.04	140.13	108.16	76.03	49.63	25.94
162.5	275.83	240.68	203.05	169.21	135.98	101.60	72.09	43.96	23.18
165.0	274.60	235.75	201.09	166.89	130.52	98.95	67.24	41.33	21.40
167.5	269.27	233.74	195.33	160.96	128.13	93.29	64.49	37.55	18.19
170.0	268.41	229.71	194.43	160.08	123.32	91.93	60.69	35.90	17.02
172.5	263.96	228.30	189.85	155.35	122.17	87.99	59.46	33.41	14.88
175.0	264.69	225.81	190.20	155.59	119.20	87.94	56.61	32.89	13.30
177.5	261.48	225.48	186.99	152.31	116.31	85.27	56.80	30.80	13.42
180.0	261.69	222.35	186.93	152.52	115.95	85.07	53.97	30.56	12.86
182.5	260.69	224.56	185.89	150.92	117.65	83.76	55.12	29.57	12.35
185.0	261.61	225.70	187.10	151.96	116.05	85.00	54.02	30.52	13.02
187.5	264.71	225.22	189.99	151.98	118.60	84.60	56.09	32.06	12.52
190.0	263.46	228.43	189.63	154.60	118.87	87.77	58.67	32.34	14.40
192.5	267.94	229.22	193.59	155.80	122.79	88.31	59.62	34.94	14.96
195.0	267.92	232.88	194.31	159.89	123.78	92.66	60.85	36.27	17.21
197.5	270.41	234.70	200.23	162.29	129.20	94.73	65.33	40.01	18.62
200.0	274.40	239.63	201.26	167.10	131.18	99.48	70.08	41.91	21.57
202.5	277.27	242.32	207.83	170.43	137.33	103.00	73.43	47.08	23.96
205.0	282.37	248.17	210.59	176.62	140.96	109.28	76.91	50.43	28.54
207.5	286.74	251.93	218.58	181.48	148.74	113.85	84.11	54.59	31.97
210.0	293.32	256.11	223.05	189.29	153.78	122.24	89.40	61.92	37.89
212.5	296.82	263.56	230.23	194.22	161.72	127.39	97.34	69.42	42.64
215.0	303.23	270.84	237.98	201.92	170.06	137.14	103.83	75.64	50.42
217.5	311.11	275.77	243.70	211.02	176.66	145.43	112.14	83.72	58.05
220.0	317.57	285.99	251.06	219.34	187.92	153.60	123.32	91.98	65.59
222.5	327.23	293.42	261.83	227.49	196.58	162.78	132.56	103.63	74.18
225.0	333.41	299.73	269.48	238.24	205.25	174.91	142.15	113.27	85.98
227.5	340.76	311.03	278.17	247.60	217.87	185.40	155.51	123.80	96.43
230.0	351.60	319.58	290.30	257.67	228.16	195.61	166.56	137.74	107.47
232.5	358.62	327.56	298.54	269.74	238.15	209.43	177.45	149.12	121.61
235.0	367.41	339.54	308.87	280.33	249.51	220.96	192.49	161.82	134.18
237.5	376.72	349.54	322.28	291.99	264.12	233.53	205.51	175.22	147.96
240.0	389.09	360.15	333.87	304.03	276.84	249.42	219.42	191.85	162.47
242.5	398.32	370.29	344.83	318.16	289.60	263.08	233.31	206.34	179.52
245.0	408.92	384.66	357.08	331.54	303.27	277.35	251.20	221.73	195.35
247.5	420.17	396.72	370.33	345.29	320.25	292.87	266.78	238.34	212.17
250.0	431.58	409.08	385.75	359.93	335.31	308.27	283.28	257.98	229.95
252.5	445.60	421.70	399.41	374.38	351.02	326.97	300.05	275.40	247.86
255.0	456.35	435.42	412.22	390.23	365.44	342.24	318.59	292.73	268.09
257.5	468.95	449.26	428.72	405.83	384.08	359.66	336.54	313.27	287.26
260.0	482.57	462.17	442.92	422.75	399.99	378.46	354.18	331.73	306.54
262.5	495.29	477.76	457.93	438.72	416.99	396.10	374.98	350.88	328.54
265.0	508.68	492.55	475.35	455.55	436.28	414.88	394.09	372.99	349.29
267.5	522.97	506.51	490.29	473.15	453.71	434.81	413.31	393.03	371.98
270.0	537.64	523.85	507.22	491.28	473.88	454.50	435.72	414.26	393.65
272.5	551.83	537.68	523.91	507.69	491.70	474.87	455.28	436.23	414.81
275.0	566.40	554.70	540.86	526.95	512.35	495.30	476.50	458.38	439.27
277.5	581.51	570.53	559.01	545.20	531.32	515.99	498.21	480.97	461.21
280.0	596.93	587.86	577.19	565.23	551.35	537.10	520.18	503.57	486.11
282.5	610.95	603.35	593.92	583.58	571.95	557.43	543.29	525.88	508.93
285.0	626.50	619.90	612.46	602.59	591.74	579.90	564.96	550.16	532.55
287.5	641.66	636.58	630.43	622.70	612.38	601.46	587.73	573.92	557.01

Intensity data(cd)

Appendix Page: 15 Total:36

C/γ(°)	22.5	25.0	27.5	30.0	32.5	35.0	37.5	40.0	42.5
290.0	657.20	653.71	648.86	642.34	633.99	624.06	611.55	598.58	583.79
292.5	672.37	670.93	667.52	662.67	655.08	646.51	634.91	623.08	609.35
295.0	687.47	687.62	685.72	681.93	676.09	668.81	659.03	647.27	634.45
297.5	703.14	704.97	704.89	702.69	698.05	691.74	683.76	672.66	660.73
300.0	718.63	722.06	723.27	722.44	719.85	714.21	707.36	697.16	686.49
302.5	733.61	738.18	741.31	741.92	740.24	736.58	730.63	722.01	712.10
305.0	748.67	754.86	759.37	761.66	761.89	759.22	754.48	747.37	737.20
307.5	762.43	771.55	777.37	781.20	782.66	781.66	778.06	771.86	762.82
310.0	776.33	787.22	794.82	800.42	803.03	803.56	800.42	795.74	787.53
312.5	793.28	805.92	814.87	821.73	825.89	827.67	826.43	822.12	815.95
315.0	807.21	819.71	831.66	839.77	845.71	848.25	848.02	844.86	839.15
317.5	819.71	834.37	847.34	856.99	863.78	868.10	868.88	867.10	862.16
320.0	832.05	847.87	861.68	873.41	881.20	886.75	888.91	887.76	883.98
322.5	842.22	860.89	876.16	889.12	898.22	904.31	907.86	908.01	904.85
325.0	857.44	876.02	893.75	907.15	918.22	925.42	930.37	931.07	928.83
327.5	867.71	887.74	906.38	920.92	932.44	941.72	946.83	948.92	947.68
330.0	874.05	896.56	915.22	932.03	944.29	954.16	960.63	963.48	963.02
332.5	886.28	911.02	930.20	946.74	961.74	971.95	979.45	983.16	983.32
335.0	895.15	918.55	939.24	958.31	972.68	984.34	992.37	997.23	998.54
337.5	900.99	927.37	948.89	968.48	983.60	995.47	1004.88	1010.13	1012.13
340.0	912.26	937.73	962.04	980.62	998.04	1010.97	1020.34	1026.69	1028.85
342.5	917.43	943.47	966.42	988.36	1005.05	1019.42	1029.62	1035.80	1039.05
345.0	925.40	952.16	978.06	998.69	1017.38	1031.57	1042.97	1050.18	1053.52
347.5	929.60	957.08	981.24	1004.39	1022.35	1037.91	1049.14	1056.65	1060.60
350.0	935.46	964.05	990.86	1012.54	1032.59	1047.51	1060.10	1067.87	1072.54
352.5	938.00	966.29	991.10	1015.44	1033.97	1050.87	1062.80	1071.02	1075.98
355.0	941.65	970.35	998.34	1020.81	1041.73	1057.44	1069.64	1079.21	1083.49
357.5	940.08	971.73	997.18	1021.62	1041.17	1057.24	1070.58	1079.12	1084.70
360.0	941.74	972.92	998.87	1021.65	1043.29	1059.15	1073.08	1082.17	1087.87

Intensity data(cd)

Appendix Page: 16 Total:36

C/γ(°)	45.0	47.5	50.0	52.5	55.0	57.5	60.0	62.5	65.0
0.0	1089.56	1087.40	1080.86	1071.31	1057.22	1040.21	1020.19	995.02	968.84
2.5	1092.70	1090.61	1084.67	1074.25	1061.20	1044.61	1022.76	999.37	971.27
5.0	1089.22	1087.37	1080.74	1071.65	1057.16	1040.67	1020.71	995.59	969.62
7.5	1089.11	1086.87	1080.85	1070.88	1057.51	1039.28	1019.34	996.40	967.81
10.0	1080.94	1078.32	1072.08	1062.54	1048.14	1031.43	1009.41	986.62	960.76
12.5	1076.53	1073.91	1067.66	1057.10	1043.75	1025.24	1005.27	982.44	954.44
15.0	1064.92	1061.46	1055.08	1045.17	1030.50	1013.75	991.70	968.95	943.21
17.5	1057.07	1053.69	1047.07	1035.91	1022.52	1004.13	983.97	960.96	933.34
20.0	1043.81	1039.82	1032.53	1022.01	1007.12	989.31	969.43	946.56	918.77
22.5	1032.18	1028.19	1020.35	1009.68	994.39	977.27	957.14	932.49	907.37
25.0	1014.87	1010.20	1002.39	990.53	976.45	959.39	937.50	914.70	887.45
27.5	1002.68	997.62	988.57	976.84	961.20	943.80	923.56	898.95	874.11
30.0	984.73	979.07	970.04	957.25	942.79	923.50	903.21	880.63	853.69
32.5	964.08	957.98	948.14	936.23	919.76	902.36	882.00	857.36	832.64
35.0	947.50	940.25	930.70	917.02	901.97	883.86	862.01	839.25	812.66
37.5	925.27	918.11	906.99	894.42	877.20	859.15	838.81	814.28	789.82
40.0	906.56	898.10	887.34	873.92	856.46	838.38	815.81	793.38	767.23
42.5	885.61	877.29	866.15	850.96	834.71	814.49	794.19	771.52	745.19
45.0	860.89	851.62	838.85	824.86	806.54	787.91	767.31	743.29	718.89
47.5	839.16	828.44	816.12	801.37	783.34	764.10	741.67	719.39	693.08
50.0	815.69	804.89	792.49	775.61	758.65	737.88	716.97	694.69	668.67
52.5	789.38	778.46	763.39	748.38	729.21	709.82	689.21	664.73	641.02
55.0	765.18	752.23	738.45	722.47	703.24	683.78	660.68	638.35	614.95
57.5	741.10	727.32	713.01	695.06	677.04	657.88	634.56	611.77	586.70
60.0	715.53	702.43	686.15	669.33	650.85	628.96	607.75	583.21	559.81
62.5	689.28	675.15	658.22	641.15	620.60	600.35	578.97	554.71	531.29
65.0	664.13	648.18	631.94	614.33	593.70	573.14	549.71	527.27	503.92
67.5	638.99	622.65	606.09	585.97	566.61	546.03	522.66	499.97	474.55
70.0	612.30	596.77	579.81	559.81	540.19	517.55	495.43	472.71	446.95
72.5	587.50	571.12	551.93	533.35	513.40	490.42	468.35	443.32	419.66
75.0	561.43	543.08	525.04	506.08	483.87	463.17	439.06	415.78	392.20
77.5	536.03	518.62	500.29	478.77	457.85	435.19	412.60	389.25	363.39
80.0	510.57	492.76	471.91	452.05	431.20	408.21	383.56	360.04	336.30
82.5	485.53	466.85	447.26	424.92	403.49	379.25	356.37	332.89	306.28
85.0	462.20	442.40	420.84	399.59	375.66	352.80	329.72	303.50	279.34
87.5	438.79	416.98	396.17	374.43	349.87	326.61	300.59	276.64	251.99
90.0	413.96	393.27	371.73	347.37	324.38	299.01	274.64	250.12	223.38
92.5	389.87	368.22	344.35	321.40	296.07	272.05	247.88	220.95	196.54
95.0	366.41	342.25	319.78	294.09	270.32	246.39	219.86	195.25	168.64
97.5	341.22	318.71	295.75	269.59	245.41	219.16	194.68	170.57	144.25
100.0	319.20	296.03	270.04	246.03	219.58	195.19	171.03	144.74	121.19
102.5	297.53	271.53	247.43	223.03	196.35	172.03	145.57	121.93	96.85
105.0	274.32	249.73	225.60	198.44	173.93	147.59	123.84	100.39	76.57
107.5	254.12	229.31	202.46	177.35	153.00	126.91	103.16	78.74	57.95
110.0	234.18	209.31	181.48	156.83	132.26	106.40	83.65	60.21	41.26
112.5	215.02	189.62	162.31	137.13	110.66	87.60	65.53	43.84	26.93
115.0	196.14	170.58	143.05	118.24	92.30	69.63	49.30	29.66	15.40
117.5	178.77	150.42	125.41	100.48	75.32	53.81	33.22	18.09	6.92
120.0	161.97	133.64	108.13	84.15	59.47	39.75	21.78	9.29	1.75
122.5	145.53	117.46	92.22	66.82	45.38	27.84	12.43	3.05	1.07
125.0	129.98	102.15	77.53	53.06	33.41	18.12	5.28	0.69	0.92
127.5	113.31	87.80	64.05	40.99	23.21	9.42	1.84	0.92	0.61
130.0	99.67	74.89	51.94	30.38	15.04	3.61	0.92	0.61	0.92
132.5	87.36	62.77	39.56	21.74	8.71	1.08	0.69	0.69	0.62
135.0	75.54	52.16	30.17	14.51	3.24	0.77	1.00	0.62	0.69
137.5	65.14	40.75	22.38	8.64	0.93	0.77	0.77	0.77	0.93
140.0	55.48	32.33	16.05	3.78	0.77	0.77	0.77	1.00	0.77
142.5	45.81	25.84	9.95	2.08	0.62	0.93	0.93	0.93	0.77

Intensity data(cd)

Appendix Page: 17 Total:36

C/γ(°)	45.0	47.5	50.0	52.5	55.0	57.5	60.0	62.5	65.0
145.0	38.71	18.66	5.73	0.93	0.93	0.93	0.70	0.70	1.01
147.5	32.25	13.84	3.48	1.08	0.62	0.93	0.62	0.77	0.77
150.0	25.13	9.87	1.16	0.69	0.69	0.77	0.69	0.77	1.16
152.5	20.65	6.57	0.93	0.93	0.46	0.70	0.77	0.77	0.77
155.0	17.14	3.86	0.77	0.93	0.77	0.69	0.93	1.00	0.93
157.5	12.26	2.93	0.77	0.77	0.77	0.93	0.77	1.08	0.69
160.0	9.60	1.32	0.93	0.77	0.70	0.62	0.62	0.77	0.93
162.5	7.73	1.00	0.77	0.93	1.00	0.77	0.93	0.93	1.08
165.0	5.74	0.78	0.93	1.01	1.01	0.93	0.93	0.93	0.78
167.5	4.88	1.01	0.93	0.70	0.77	0.93	0.77	0.77	0.93
170.0	3.81	0.47	1.01	0.78	0.78	0.93	0.93	1.01	0.78
172.5	3.80	1.09	1.01	1.01	0.78	0.93	0.93	1.01	1.01
175.0	3.27	1.01	0.78	0.93	0.93	1.01	1.01	1.17	0.93
177.5	2.79	1.09	1.01	0.78	1.01	1.01	0.78	1.16	1.16
180.0	2.16	0.92	1.00	1.08	0.77	0.77	0.92	1.00	0.92
182.5	2.70	1.08	0.93	1.08	1.08	0.93	1.00	1.08	1.08
185.0	2.39	1.08	0.77	0.62	1.08	1.00	0.77	1.00	0.92
187.5	2.86	0.70	0.77	0.93	0.77	0.70	0.70	0.62	0.77
190.0	2.93	0.77	1.00	1.00	0.77	0.77	0.77	0.77	0.92
192.5	3.86	1.00	0.62	0.69	0.62	0.77	0.77	0.93	0.93
195.0	4.07	0.77	0.92	0.92	0.92	1.08	0.77	0.77	1.00
197.5	5.00	1.00	1.00	1.00	0.62	0.77	0.69	0.77	0.77
200.0	5.83	0.92	0.46	0.69	0.77	0.77	0.92	0.92	0.92
202.5	8.29	0.92	0.69	0.77	0.69	0.61	0.92	0.92	0.92
205.0	10.41	1.84	0.69	0.77	0.61	0.69	0.77	0.92	0.92
207.5	14.18	3.22	0.69	0.77	0.61	0.46	0.61	0.69	0.69
210.0	17.68	4.82	1.15	0.92	1.07	0.69	1.07	1.00	0.92
212.5	22.66	6.87	0.99	0.69	0.99	0.99	0.92	0.99	0.99
215.0	27.43	11.38	2.06	0.99	0.92	0.92	0.76	0.99	0.99
217.5	33.52	15.92	4.11	1.07	0.99	0.91	0.76	0.91	0.76
220.0	40.27	21.05	7.02	0.92	0.76	0.61	0.99	0.99	0.92
222.5	49.60	27.09	11.83	2.21	0.69	0.61	0.76	0.69	0.76
225.0	58.30	36.03	17.18	5.09	0.91	0.99	0.68	0.99	0.61
227.5	68.14	44.87	25.63	10.11	2.36	0.76	0.91	0.76	0.91
230.0	81.00	54.76	33.77	17.19	4.49	0.99	0.99	0.76	0.99
232.5	92.59	67.28	43.49	24.85	9.93	2.20	0.99	1.06	0.99
235.0	105.10	79.74	56.11	34.00	17.87	4.92	1.06	1.06	0.98
237.5	120.93	92.84	68.61	44.98	26.58	12.04	3.03	0.91	0.91
240.0	135.35	109.37	82.33	59.31	37.42	20.68	7.20	0.91	1.06
242.5	150.35	124.36	96.94	73.21	51.53	30.52	15.79	4.16	0.91
245.0	166.71	140.49	115.17	88.65	65.90	43.30	26.07	11.11	2.65
247.5	186.30	157.78	132.37	105.52	81.76	57.86	38.50	21.94	8.55
250.0	203.97	175.95	150.50	125.35	98.92	76.04	52.94	34.54	17.88
252.5	222.53	197.12	169.29	144.26	117.49	93.90	69.78	49.07	31.02
255.0	241.02	215.85	190.91	163.39	138.82	112.44	89.39	65.51	45.72
257.5	263.07	236.23	211.51	184.36	159.41	134.85	108.99	86.09	62.82
260.0	282.72	258.67	232.19	207.61	180.90	156.09	131.81	106.09	83.71
262.5	303.38	279.67	256.03	229.58	204.87	178.49	153.86	129.69	104.30
265.0	326.97	301.74	278.27	254.80	228.27	203.96	176.98	152.67	126.44
267.5	348.11	325.69	300.59	277.32	251.54	227.20	203.10	176.39	151.75
270.0	372.42	348.36	326.06	300.77	277.33	251.12	227.06	202.76	175.87
272.5	394.38	371.20	349.25	326.68	301.66	278.17	251.93	227.68	202.81
275.0	417.40	396.84	373.22	351.28	328.65	303.04	279.19	252.89	228.35
277.5	441.76	419.72	399.50	375.62	353.12	330.16	304.53	280.88	254.10
280.0	465.92	446.17	423.77	402.50	380.32	355.63	332.23	306.24	282.77
282.5	491.07	470.24	450.17	427.59	405.70	381.30	358.50	335.16	308.25
285.0	514.80	494.91	475.72	455.15	432.01	409.77	384.96	361.28	336.77
287.5	540.47	522.57	501.86	481.99	459.00	436.93	413.94	388.61	364.49

Intensity data(cd)

Appendix Page: 18 Total:36

C/γ(°)	45.0	47.5	50.0	52.5	55.0	57.5	60.0	62.5	65.0
290.0	566.50	549.28	528.96	509.17	486.34	464.73	442.20	416.34	392.07
292.5	592.81	575.90	556.10	536.61	516.06	492.32	469.71	444.53	420.04
295.0	618.52	602.14	582.95	563.84	543.29	519.70	497.55	471.91	447.79
297.5	645.23	629.57	612.39	591.95	571.80	548.39	525.89	500.74	476.49
300.0	673.55	657.02	640.35	620.09	600.29	577.14	554.98	531.53	504.95
302.5	699.44	683.57	667.55	647.95	628.35	607.53	583.12	559.93	533.31
305.0	726.03	711.05	695.60	678.48	657.38	636.35	612.50	588.87	562.34
307.5	752.32	738.07	722.98	706.05	685.44	665.14	641.08	617.26	592.89
310.0	777.40	765.66	749.86	733.44	712.95	692.77	669.06	645.20	620.26
312.5	806.00	794.67	779.17	762.90	743.08	722.72	700.75	675.07	650.01
315.0	830.51	819.47	804.66	789.23	771.41	749.49	727.50	701.97	676.35
317.5	853.98	843.95	831.29	814.69	796.94	775.25	753.25	729.56	702.08
320.0	877.26	867.08	854.58	838.69	821.40	801.57	777.73	754.35	726.50
322.5	899.07	889.19	877.70	863.36	844.61	825.33	801.81	777.82	752.14
325.0	923.64	915.35	903.20	889.34	872.62	851.17	829.80	803.56	777.62
327.5	943.04	935.30	924.63	910.01	893.54	872.43	850.92	826.64	798.18
330.0	959.40	951.92	941.74	928.56	911.21	892.32	868.66	844.75	816.00
332.5	980.15	973.73	963.13	950.61	932.98	914.34	892.62	866.71	840.19
335.0	995.38	989.59	980.32	967.04	951.67	931.21	909.75	883.26	856.78
337.5	1010.13	1004.88	995.55	982.67	967.01	948.35	925.29	901.38	872.23
340.0	1027.38	1022.82	1013.91	1001.76	986.58	966.22	945.08	918.68	892.82
342.5	1038.20	1033.64	1025.37	1014.01	998.02	980.02	956.53	932.58	903.29
345.0	1053.13	1049.17	1040.49	1029.55	1014.59	995.28	974.18	947.66	920.13
347.5	1060.91	1056.96	1049.68	1038.92	1023.05	1005.16	981.94	957.94	928.21
350.0	1072.54	1069.66	1061.58	1050.93	1036.48	1017.13	995.76	969.34	942.06
352.5	1076.60	1072.80	1066.29	1055.59	1040.32	1022.42	999.47	975.36	945.98
355.0	1084.19	1081.31	1074.00	1063.66	1049.27	1030.07	1008.99	982.71	955.26
357.5	1085.63	1082.61	1075.55	1065.15	1049.94	1032.48	1009.52	985.16	957.69
360.0	1089.56	1087.40	1080.86	1071.31	1057.22	1040.21	1020.19	995.02	968.84

Intensity data(cd)

Appendix Page: 19 Total:36

C/γ(°)	67.5	70.0	72.5	75.0	77.5	80.0	82.5	85.0	87.5
0.0	937.58	905.86	872.22	834.42	798.31	760.97	719.70	681.82	640.09
2.5	942.25	910.90	874.08	839.34	799.43	761.84	724.63	683.02	644.58
5.0	937.87	906.67	873.45	835.23	799.63	758.87	721.34	683.43	641.51
7.5	939.30	904.92	871.46	836.46	797.67	760.35	719.64	681.70	642.91
10.0	929.50	898.24	862.36	827.49	791.99	751.81	714.47	673.66	635.55
12.5	925.91	891.97	859.04	824.33	785.69	749.05	708.33	671.16	633.21
15.0	912.33	881.59	846.10	811.83	776.87	736.92	700.42	659.77	624.20
17.5	905.02	871.47	837.46	803.52	768.66	729.26	692.56	652.54	615.61
20.0	891.22	857.68	825.51	792.05	754.44	718.82	679.37	642.99	606.38
22.5	876.80	846.77	814.90	778.72	744.47	705.91	670.28	634.33	594.39
25.0	860.21	827.61	796.08	763.48	726.75	691.93	653.59	617.78	582.04
27.5	844.20	814.69	783.87	748.29	714.56	677.22	642.64	607.07	568.43
30.0	826.75	795.21	764.06	732.37	696.24	661.95	624.90	589.54	555.02
32.5	803.81	775.12	745.14	710.59	678.01	641.55	607.98	573.66	536.20
35.0	786.22	755.28	725.10	694.16	659.10	626.09	592.78	555.80	521.96
37.5	761.56	733.53	704.05	670.76	638.99	603.64	570.96	537.59	501.33
40.0	741.22	713.76	682.04	651.53	617.59	585.64	553.38	517.69	484.82
42.5	719.17	689.64	661.17	631.34	597.76	566.09	531.60	499.31	466.58
45.0	691.37	664.24	636.64	605.02	574.61	540.56	509.62	477.54	442.80
47.5	668.36	641.67	611.56	582.43	550.04	519.54	488.74	454.52	422.89
50.0	643.58	615.06	587.75	559.54	527.36	497.32	464.39	432.98	401.87
52.5	614.04	588.05	561.00	530.92	502.13	469.62	439.77	409.61	375.90
55.0	588.22	562.62	533.32	506.28	477.51	446.01	416.25	383.61	353.25
57.5	561.87	534.00	507.80	480.92	450.25	421.32	389.60	359.84	330.00
60.0	535.34	508.00	481.95	452.41	424.91	396.36	365.00	335.46	303.57
62.5	505.00	479.77	454.00	424.54	397.49	367.11	338.40	309.69	277.81
65.0	477.77	452.53	424.04	397.74	371.14	340.83	312.72	281.81	252.79
67.5	450.43	425.09	397.25	370.93	341.51	314.28	286.52	255.73	227.52
70.0	422.87	395.52	369.85	343.26	314.41	287.74	257.45	229.57	202.00
72.5	395.08	367.93	342.07	314.00	287.23	260.23	230.80	203.65	173.69
75.0	365.29	340.12	312.14	286.06	259.90	230.71	204.03	175.14	149.59
77.5	338.60	310.91	286.27	257.67	231.66	205.12	176.75	150.66	122.98
80.0	309.28	284.17	256.24	230.44	204.41	175.87	150.76	123.21	99.16
82.5	281.80	254.51	229.12	203.58	175.29	150.05	122.98	99.20	76.70
85.0	252.43	227.05	201.97	174.38	149.23	122.55	99.08	76.68	54.12
87.5	225.13	200.11	172.87	148.15	121.83	98.33	76.22	53.95	35.81
90.0	198.63	171.50	146.98	123.07	97.93	76.02	53.64	35.79	20.46
92.5	170.15	145.97	121.95	96.63	75.05	53.09	35.12	20.43	8.42
95.0	144.49	120.86	95.94	74.46	52.44	35.01	20.11	8.03	1.45
97.5	120.68	95.74	74.15	54.09	34.94	19.83	8.09	1.60	0.76
100.0	96.03	74.54	54.65	34.76	20.12	8.08	1.60	0.69	0.91
102.5	75.03	55.19	34.97	20.37	8.97	1.60	0.99	0.76	0.76
105.0	56.00	36.35	21.10	9.56	1.97	0.91	0.46	1.06	0.99
107.5	39.60	22.30	10.47	2.05	0.68	0.91	0.91	0.68	0.61
110.0	24.80	11.38	2.65	0.76	0.91	1.06	0.76	1.06	0.76
112.5	12.51	3.49	0.91	0.99	0.46	0.68	0.76	0.76	0.91
115.0	4.70	0.61	0.61	0.76	0.91	0.76	0.68	0.68	0.91
117.5	0.91	0.61	0.68	0.76	0.76	0.99	0.76	0.99	0.68
120.0	0.76	0.91	0.69	0.69	0.76	0.46	0.76	0.91	1.14
122.5	0.92	1.07	0.76	0.92	0.76	0.92	0.76	0.99	0.99
125.0	0.69	0.61	0.76	1.07	0.92	0.99	0.92	0.76	0.92
127.5	0.77	1.00	0.77	0.92	0.61	1.00	0.77	0.92	1.00
130.0	0.61	0.69	0.92	0.69	0.69	0.92	0.92	0.92	1.00
132.5	0.46	0.93	1.00	0.62	1.00	0.77	1.00	0.93	1.08
135.0	0.77	0.46	0.69	0.69	0.77	0.93	0.77	0.93	0.93
137.5	0.69	1.00	0.69	0.93	1.00	1.00	1.08	1.00	1.16
140.0	0.93	0.69	1.00	1.00	1.08	1.08	1.08	1.08	1.08
142.5	0.69	1.00	0.93	0.69	1.08	0.93	0.93	1.08	1.08

Intensity data(cd)

Appendix Page: 20 Total:36

C/γ(°)	67.5	70.0	72.5	75.0	77.5	80.0	82.5	85.0	87.5
145.0	0.93	0.93	0.93	0.77	0.93	1.16	1.08	1.08	1.16
147.5	0.77	0.70	0.93	1.01	1.01	1.01	1.16	1.16	1.16
150.0	1.00	0.93	1.08	1.08	1.08	0.93	1.31	1.31	1.16
152.5	1.01	0.70	1.08	0.77	1.08	1.08	1.31	1.31	1.39
155.0	1.08	1.00	0.93	1.00	1.08	1.16	1.31	1.31	1.16
157.5	1.08	1.08	0.93	1.08	1.39	1.08	1.31	1.31	1.62
160.0	0.93	0.77	1.01	0.93	1.16	1.16	1.16	1.39	1.32
162.5	0.93	1.08	1.31	1.00	0.93	1.39	1.31	1.31	1.70
165.0	1.01	1.16	1.32	1.32	1.09	1.09	1.16	1.32	1.47
167.5	0.93	1.16	1.32	1.08	1.39	1.08	1.16	1.47	1.47
170.0	0.62	1.17	1.32	1.17	1.40	1.17	1.17	1.48	1.71
172.5	1.01	1.16	1.16	1.47	1.32	1.47	1.63	1.63	1.47
175.0	0.93	1.01	1.17	1.32	1.48	1.17	1.40	1.63	1.48
177.5	0.93	1.32	1.40	1.09	1.32	1.71	1.63	1.32	1.47
180.0	1.08	1.08	1.00	1.15	1.15	1.46	1.15	1.31	1.39
182.5	1.00	1.31	1.31	1.31	1.39	1.31	1.47	1.39	1.70
185.0	1.00	1.00	1.16	1.31	1.31	1.31	1.39	1.70	1.46
187.5	0.77	1.00	0.93	1.00	1.31	1.16	1.31	1.39	1.39
190.0	1.00	0.92	1.08	1.08	1.08	1.31	1.39	1.31	1.39
192.5	0.77	1.00	1.08	1.39	1.16	1.08	1.16	1.31	1.39
195.0	1.08	0.77	1.00	1.15	1.38	1.31	1.61	1.46	1.15
197.5	1.08	1.08	1.31	1.00	0.92	1.15	1.08	1.62	1.46
200.0	0.77	1.07	0.92	1.07	1.00	1.30	1.07	1.15	1.38
202.5	0.92	1.00	0.77	1.15	1.08	1.08	1.31	1.15	1.46
205.0	1.07	0.92	1.07	1.07	0.92	1.15	1.07	1.30	1.15
207.5	0.77	0.77	0.77	0.92	1.00	1.00	1.07	1.30	1.38
210.0	1.07	1.00	1.00	1.15	1.15	1.30	1.15	1.30	1.76
212.5	0.92	1.07	0.92	1.07	1.30	1.14	1.37	1.30	1.45
215.0	0.99	1.15	1.07	0.99	1.07	1.07	1.30	1.30	1.30
217.5	0.76	0.69	0.91	0.91	1.07	1.07	1.07	1.07	1.30
220.0	0.92	0.92	0.92	1.30	1.07	1.07	1.07	1.30	1.37
222.5	0.76	0.99	0.69	1.07	0.76	0.76	1.14	1.14	1.30
225.0	0.91	0.91	0.91	0.91	0.99	1.14	1.06	1.14	1.37
227.5	0.91	0.76	1.14	0.91	1.14	1.06	1.29	1.14	1.29
230.0	0.61	1.06	0.99	1.06	1.14	1.06	1.14	1.06	1.14
232.5	0.91	1.14	1.14	0.99	1.06	0.91	0.99	1.06	1.29
235.0	0.76	1.06	0.76	0.98	0.98	1.06	1.06	1.14	1.06
237.5	0.91	0.91	0.98	0.98	0.98	0.98	0.76	1.29	1.14
240.0	0.91	0.91	0.76	0.76	1.06	0.98	1.06	0.98	1.29
242.5	0.91	0.91	0.91	1.06	0.98	0.98	1.13	1.13	1.06
245.0	0.91	0.91	0.98	0.98	0.76	1.28	0.98	1.06	0.91
247.5	1.82	0.98	0.91	0.98	0.98	0.91	0.76	1.06	0.91
250.0	6.59	1.06	0.68	0.98	1.14	0.98	0.91	1.06	0.98
252.5	15.62	5.39	0.99	0.91	0.99	1.14	0.99	0.99	1.14
255.0	28.58	13.80	4.40	1.14	1.14	0.99	0.91	0.68	0.99
257.5	43.35	26.85	12.47	3.80	1.14	0.91	1.06	1.06	0.91
260.0	60.65	41.63	25.49	11.34	3.35	0.76	1.07	0.91	0.99
262.5	81.89	59.17	40.33	23.18	10.98	2.74	0.99	1.14	1.37
265.0	103.20	80.88	58.10	39.60	22.48	10.40	2.22	0.99	1.15
267.5	125.65	102.62	80.35	57.70	39.18	22.19	10.48	2.07	1.07
270.0	151.50	125.37	102.30	77.63	57.40	38.93	21.92	10.12	2.07
272.5	176.04	151.63	125.24	101.98	77.88	57.30	38.64	21.57	10.02
275.0	201.59	176.67	151.90	125.45	102.13	77.59	56.72	38.30	21.56
277.5	229.16	202.15	177.21	152.11	125.56	101.84	77.05	56.45	36.46
280.0	255.94	230.86	202.97	177.51	150.45	125.38	101.60	77.06	56.02
282.5	283.77	256.10	230.48	204.64	177.04	149.98	125.20	101.25	76.40
285.0	309.83	284.94	257.02	231.14	203.22	176.73	151.69	123.77	99.79
287.5	337.33	312.15	284.08	258.21	232.19	203.37	176.97	148.30	122.89

Intensity data(cd)

Appendix Page: 21 Total:36

C/γ(°)	67.5	70.0	72.5	75.0	77.5	80.0	82.5	85.0	87.5
290.0	365.23	339.67	314.19	285.75	259.66	230.54	203.32	176.47	147.58
292.5	395.54	368.00	341.99	313.32	286.55	257.65	229.97	202.43	172.47
295.0	423.07	395.54	369.60	340.62	314.00	284.20	256.21	228.22	197.81
297.5	451.56	423.59	397.67	368.71	341.50	313.38	282.75	254.62	223.23
300.0	479.90	452.03	425.76	396.06	368.72	340.24	308.87	280.08	248.55
302.5	508.37	479.84	453.15	425.46	395.18	366.50	334.85	305.40	276.11
305.0	536.73	510.27	480.76	453.31	421.97	392.68	363.17	330.83	301.01
307.5	564.55	538.35	508.24	479.51	448.25	418.60	388.95	355.55	324.91
310.0	591.95	565.40	534.79	505.86	476.40	443.41	412.72	379.26	348.34
312.5	621.17	594.11	565.50	533.20	503.28	469.43	438.05	406.59	372.50
315.0	649.96	619.79	590.78	557.68	527.28	495.73	461.47	429.06	394.34
317.5	675.22	644.50	615.01	581.52	550.33	518.61	483.18	451.15	415.18
320.0	699.19	671.03	638.16	607.06	572.73	540.40	504.37	471.42	438.17
322.5	722.60	693.52	660.36	628.89	593.64	560.94	527.62	490.99	457.21
325.0	747.27	717.93	686.81	651.89	619.45	582.60	548.61	513.92	476.92
327.5	770.80	737.77	706.29	670.87	637.77	603.66	565.99	531.03	493.52
330.0	788.17	757.87	723.33	690.02	653.55	619.01	584.32	545.77	510.69
332.5	809.18	778.33	743.15	709.98	675.73	637.30	602.11	563.14	527.50
335.0	827.82	794.77	762.03	724.82	690.38	654.78	615.40	579.65	540.35
337.5	843.23	812.14	776.59	742.27	704.01	668.23	628.74	592.26	555.70
340.0	860.77	829.34	792.72	758.42	723.04	683.48	646.55	606.21	569.20
342.5	873.47	842.18	805.71	770.86	731.69	696.53	656.20	618.96	578.40
345.0	890.66	855.69	822.03	783.72	747.50	707.33	669.72	631.64	590.62
347.5	898.32	866.42	829.34	794.34	754.55	717.23	675.66	637.49	600.02
350.0	909.35	876.86	842.67	803.74	766.98	726.03	687.80	649.33	607.76
352.5	915.59	883.11	845.67	809.93	769.78	731.71	694.04	652.02	613.81
355.0	924.86	889.40	854.88	815.45	778.75	740.49	698.89	659.86	617.79
357.5	924.56	891.97	854.57	818.57	778.22	740.13	701.64	659.12	620.79
360.0	937.58	905.86	872.22	834.42	798.31	760.97	719.70	681.82	640.09

Intensity data(cd)

Appendix Page: 22 Total:36

C/γ(°)	90.0	92.5	95.0	97.5	100.0	102.5	105.0	107.5	110.0
0.0	601.68	560.33	522.22	484.42	443.23	406.12	368.94	328.28	291.79
2.5	602.89	564.22	526.47	485.02	447.58	406.36	369.30	332.40	291.95
5.0	603.37	561.68	523.84	486.16	445.24	407.71	367.26	330.27	293.82
7.5	601.42	563.33	522.00	483.98	446.35	405.94	368.70	328.06	291.29
10.0	597.67	556.48	518.76	481.03	440.30	403.12	362.93	325.90	286.25
12.5	592.18	554.23	513.35	475.79	438.62	399.82	359.72	322.62	286.37
15.0	583.55	546.06	505.49	468.30	431.50	391.55	354.90	315.02	279.06
17.5	578.21	538.04	501.03	464.32	424.00	387.29	347.51	310.96	272.18
20.0	566.31	529.62	489.86	453.25	416.86	377.26	341.34	301.81	266.11
22.5	558.06	518.43	481.95	445.78	406.14	370.43	331.34	295.31	259.68
25.0	543.02	506.90	467.87	431.83	395.94	357.22	321.86	283.45	248.09
27.5	532.70	494.13	458.64	422.75	384.19	348.84	309.90	275.09	240.20
30.0	516.52	481.38	446.33	407.75	372.77	334.65	299.90	264.92	227.49
32.5	501.49	463.73	429.40	394.54	356.93	322.22	284.62	250.36	216.80
35.0	484.45	450.37	416.07	378.63	344.41	307.05	273.13	239.36	202.61
37.5	467.43	431.10	397.27	363.07	326.27	292.68	259.01	222.59	189.84
40.0	451.49	415.26	381.86	345.25	311.47	278.37	242.22	209.12	174.11
42.5	430.63	398.05	361.80	328.76	295.33	259.62	226.88	191.55	159.80
45.0	410.41	375.30	342.76	310.07	274.72	242.19	207.07	175.52	144.74
47.5	388.29	356.42	324.18	288.97	256.73	224.94	190.27	159.32	126.84
50.0	367.88	335.86	301.41	269.77	238.20	204.06	173.10	140.25	111.34
52.5	345.06	311.11	280.05	248.75	214.88	184.27	154.42	122.60	94.79
55.0	322.58	289.41	258.52	224.90	194.76	164.92	133.12	105.26	77.09
57.5	297.14	266.85	233.83	203.77	174.31	142.44	114.95	85.95	61.64
60.0	273.73	243.89	211.09	181.93	150.58	122.55	96.19	69.23	46.81
62.5	248.80	216.76	187.83	159.49	129.27	102.45	75.18	52.59	33.24
65.0	224.30	192.86	164.60	134.44	108.30	82.90	57.81	37.56	19.65
67.5	196.66	169.05	141.37	112.47	87.44	62.25	41.68	24.43	10.36
70.0	171.71	145.05	116.42	91.12	67.49	44.84	27.57	12.35	3.33
72.5	146.99	121.13	93.90	70.46	47.48	29.88	14.79	4.70	0.61
75.0	121.69	96.74	71.57	50.42	32.15	16.22	5.76	0.68	0.61
77.5	98.49	75.29	51.95	33.46	17.19	6.84	0.99	0.68	0.68
80.0	76.10	53.20	34.85	18.26	7.61	0.76	0.76	0.68	0.68
82.5	53.98	35.68	18.99	8.23	1.07	0.69	0.91	0.69	0.76
85.0	35.85	19.57	8.33	1.38	0.76	0.92	0.76	0.69	0.76
87.5	20.59	8.26	1.15	0.69	0.46	0.77	0.69	0.92	0.69
90.0	8.58	1.69	0.77	0.61	0.77	0.69	0.77	0.77	0.92
92.5	1.61	0.69	0.77	0.77	0.92	0.77	0.69	0.99	0.92
95.0	0.46	0.69	0.69	0.76	0.92	0.69	0.69	0.92	1.15
97.5	0.99	0.92	0.61	0.76	0.69	0.69	0.76	0.92	0.99
100.0	0.91	0.76	0.61	0.61	0.91	0.91	0.69	0.76	0.76
102.5	0.46	0.91	0.76	0.76	0.91	0.99	0.91	0.91	0.91
105.0	0.76	0.76	0.91	0.76	0.76	0.91	0.91	1.06	0.76
107.5	0.61	0.68	0.68	0.91	0.76	0.91	0.76	0.91	0.91
110.0	0.76	0.76	0.76	0.91	0.91	1.06	1.06	0.99	1.14
112.5	0.91	0.99	0.91	1.06	0.91	0.99	1.06	1.06	1.06
115.0	0.99	1.06	0.91	0.91	1.29	1.06	0.99	0.99	1.14
117.5	0.76	0.76	0.91	0.99	1.14	0.99	1.29	0.99	1.29
120.0	0.91	1.07	0.99	1.07	0.99	0.99	1.07	0.76	1.14
122.5	1.07	1.07	1.07	1.14	1.30	1.14	1.14	1.07	1.14
125.0	0.99	1.07	1.07	1.07	1.30	1.07	1.30	1.15	1.30
127.5	1.07	1.00	1.15	1.15	1.07	1.07	1.38	1.38	1.38
130.0	1.07	1.00	1.38	1.30	1.15	1.30	1.38	1.46	1.61
132.5	1.31	1.31	1.31	1.30	1.08	1.39	1.31	1.47	1.39
135.0	1.31	1.39	1.08	1.16	1.31	1.62	1.62	1.39	1.62
137.5	1.08	1.16	1.39	1.39	1.16	1.39	1.47	1.47	1.70
140.0	1.16	1.31	1.47	1.39	1.39	1.47	1.62	1.70	1.70
142.5	1.31	1.31	1.16	1.62	1.39	1.47	1.62	1.70	1.62

Intensity data(cd)

Appendix Page: 23 Total:36

C/γ(°)	90.0	92.5	95.0	97.5	100.0	102.5	105.0	107.5	110.0
145.0	1.39	1.16	1.39	1.47	1.70	1.63	1.63	1.63	1.78
147.5	1.39	1.62	1.39	1.70	1.62	1.70	1.70	1.70	1.78
150.0	1.62	1.46	1.46	1.62	1.46	1.62	1.62	1.70	1.62
152.5	1.31	1.39	1.47	1.62	1.78	1.39	1.70	1.78	1.78
155.0	1.39	1.62	1.62	1.62	1.62	1.85	1.78	1.78	1.78
157.5	1.47	1.47	1.47	1.39	1.77	1.70	1.70	1.47	1.77
160.0	1.47	1.39	1.70	1.70	1.78	1.70	1.78	1.78	1.86
162.5	1.78	1.78	1.70	1.62	1.70	1.78	1.85	1.85	2.09
165.0	1.47	1.71	1.47	1.71	1.78	1.86	2.02	1.86	2.02
167.5	1.47	1.47	1.78	1.78	1.78	1.78	1.86	2.01	2.09
170.0	1.48	1.87	1.71	1.63	1.71	1.79	2.02	1.87	1.87
172.5	1.63	1.78	1.71	1.71	1.71	2.02	2.02	2.02	2.09
175.0	1.71	1.71	1.79	1.48	1.87	1.71	2.02	2.02	2.10
177.5	1.63	2.09	1.71	1.86	1.86	2.09	2.09	2.02	2.02
180.0	1.62	1.69	1.46	1.77	2.00	1.85	2.16	1.77	2.16
182.5	1.39	1.78	2.01	2.01	2.01	2.01	2.01	1.85	2.08
185.0	1.62	1.85	1.77	1.85	1.85	1.85	2.08	2.00	2.08
187.5	1.62	1.85	1.70	1.70	1.85	1.78	2.01	1.85	1.85
190.0	1.62	1.69	1.69	1.77	1.77	1.85	2.00	1.77	1.77
192.5	1.47	1.70	1.62	1.77	1.70	1.77	1.77	1.85	2.01
195.0	1.46	1.61	1.61	2.00	1.84	1.77	2.00	2.00	2.07
197.5	1.77	1.85	1.62	2.00	2.00	1.85	2.00	2.08	2.00
200.0	1.61	1.46	1.77	1.69	1.61	1.69	1.69	1.84	1.84
202.5	1.38	1.31	1.69	1.77	1.46	1.84	1.69	1.69	1.77
205.0	1.61	1.61	1.61	1.68	1.61	1.76	1.76	1.68	1.84
207.5	1.38	1.38	1.61	1.76	1.46	1.61	1.69	1.84	1.99
210.0	1.61	1.45	1.68	1.84	1.76	1.76	1.84	2.07	1.84
212.5	1.68	1.75	1.60	1.60	1.83	1.98	1.75	1.83	1.98
215.0	1.30	1.68	1.60	1.45	1.68	1.68	1.60	1.68	1.99
217.5	1.45	1.45	1.68	1.60	1.37	1.68	1.68	1.45	1.68
220.0	1.30	1.60	1.68	1.60	1.45	1.60	1.45	1.75	1.68
222.5	1.30	1.45	1.37	1.45	1.45	1.60	1.60	1.68	1.68
225.0	1.29	1.29	1.14	1.44	1.37	1.44	1.60	1.44	1.75
227.5	0.99	1.29	1.67	1.37	1.37	1.67	1.44	1.67	1.60
230.0	1.37	1.37	1.60	1.37	1.67	1.37	1.60	1.45	1.67
232.5	1.14	1.44	1.59	1.59	1.59	1.44	1.59	1.36	1.44
235.0	1.36	1.44	1.29	1.44	1.29	1.36	1.36	1.67	1.44
237.5	1.14	1.14	1.14	1.06	1.44	1.59	1.36	1.67	1.29
240.0	1.14	1.06	1.06	1.29	1.44	1.44	1.36	1.29	1.36
242.5	0.98	1.28	1.36	1.28	1.13	1.13	1.59	1.36	1.59
245.0	1.13	1.13	1.13	1.13	1.28	1.28	1.36	1.28	1.13
247.5	0.91	1.06	1.36	1.29	1.06	1.29	0.98	0.98	1.29
250.0	0.98	1.06	1.29	1.14	1.14	1.14	1.14	0.98	1.14
252.5	1.06	1.06	0.99	1.06	1.14	1.06	1.29	1.29	1.14
255.0	1.06	1.06	1.29	1.14	1.14	1.14	1.14	1.06	1.29
257.5	0.91	0.99	1.14	1.14	1.06	1.14	1.06	1.14	0.99
260.0	1.14	1.07	1.07	1.29	1.29	0.91	1.07	0.99	1.07
262.5	0.99	0.99	1.07	1.07	1.07	1.30	0.76	1.14	1.30
265.0	0.92	1.07	1.15	0.92	1.15	0.99	0.92	0.99	0.92
267.5	1.15	0.99	1.15	0.99	1.07	1.30	0.92	1.07	1.07
270.0	1.07	1.07	1.07	1.07	0.77	0.92	1.07	0.69	0.77
272.5	2.07	0.92	1.07	1.30	0.99	0.99	0.99	0.99	0.92
275.0	9.86	1.99	0.99	0.99	1.07	0.76	0.99	0.76	0.92
277.5	21.13	9.08	1.83	0.76	1.07	0.76	0.76	0.99	0.99
280.0	35.97	20.12	8.92	1.75	1.07	0.99	0.99	0.76	0.99
282.5	55.19	34.66	19.76	7.53	1.29	0.91	1.06	0.99	0.68
285.0	74.75	53.19	33.54	18.59	6.98	1.29	0.99	0.99	0.99
287.5	98.23	73.05	51.73	31.63	17.14	5.54	1.29	0.76	0.91

Intensity data(cd)

Appendix Page: 24 Total:36

C/γ(°)	90.0	92.5	95.0	97.5	100.0	102.5	105.0	107.5	110.0
290.0	121.72	94.34	71.13	47.93	30.03	15.39	4.70	0.91	1.06
292.5	145.47	116.95	92.00	66.59	45.51	27.84	12.67	3.49	0.76
295.0	170.05	140.32	113.77	88.74	63.10	42.09	23.51	10.69	2.20
297.5	194.88	166.30	136.21	109.91	82.24	59.21	36.71	20.45	8.06
300.0	219.77	190.45	159.53	131.51	102.19	76.91	54.30	32.59	17.06
302.5	243.77	214.26	182.30	153.31	122.80	96.11	71.01	46.45	27.76
305.0	268.21	237.86	205.06	175.24	145.88	115.14	88.92	61.78	40.29
307.5	291.74	260.63	229.91	196.81	166.86	134.53	106.64	77.99	54.01
310.0	316.81	282.97	251.51	217.60	186.91	153.61	124.76	96.68	68.29
312.5	340.66	305.88	273.73	239.03	207.50	176.19	142.96	113.66	83.66
315.0	362.25	326.60	293.89	261.94	226.53	194.43	160.56	130.24	101.31
317.5	382.53	349.26	313.37	280.72	244.60	212.26	180.38	146.27	116.16
320.0	402.21	368.57	332.16	298.52	264.95	229.31	196.67	161.72	130.78
322.5	420.11	386.10	352.16	315.53	281.67	245.03	212.10	179.24	144.38
325.0	442.54	404.68	370.62	332.84	298.23	264.08	227.62	194.02	158.25
327.5	458.26	423.30	385.79	350.59	313.01	278.36	244.02	206.97	173.63
330.0	472.45	437.30	398.52	363.82	328.74	290.58	256.27	218.96	185.03
332.5	491.54	452.34	416.77	377.95	342.62	307.20	268.93	233.52	196.48
335.0	504.29	468.23	428.93	393.02	353.80	317.97	279.67	244.39	209.56
337.5	515.75	479.34	439.70	403.45	367.35	328.10	292.16	253.59	218.42
340.0	532.20	491.94	455.01	415.06	378.28	338.56	302.56	266.56	227.46
342.5	541.00	500.13	463.20	425.96	386.32	349.23	309.67	273.28	237.43
345.0	552.78	511.60	472.82	435.29	397.91	357.43	320.59	280.73	244.59
347.5	558.67	520.81	479.70	441.77	404.45	363.96	327.03	287.47	248.91
350.0	569.22	527.72	489.41	448.30	410.61	372.69	332.20	295.29	255.12
352.5	571.71	532.95	491.94	453.80	415.82	374.73	337.52	296.98	260.00
355.0	579.07	536.84	498.35	460.17	418.96	381.02	339.80	302.64	265.47
357.5	578.59	540.02	501.93	460.26	421.85	380.27	342.95	305.47	265.20
360.0	601.68	560.33	522.22	484.42	443.23	406.12	368.94	328.28	291.79

Intensity data(cd)

Appendix Page: 25 Total:36

C/γ(°)	112.5	115.0	117.5	120.0	122.5	125.0	127.5	130.0	132.5
0.0	252.22	216.19	180.54	143.12	110.25	76.91	49.81	27.72	9.39
2.5	255.44	215.92	180.64	146.36	110.16	79.43	49.56	27.48	10.58
5.0	253.91	217.61	178.77	144.79	111.73	78.21	50.78	26.74	9.94
7.5	255.13	215.64	180.10	142.47	109.71	79.27	49.22	27.04	9.74
10.0	249.68	213.80	177.08	140.12	107.40	76.99	47.73	25.87	8.31
12.5	246.88	211.10	172.76	138.91	106.20	73.35	47.05	23.45	8.10
15.0	243.03	204.38	169.50	132.77	100.96	71.23	43.03	22.74	6.30
17.5	236.47	200.53	163.29	130.05	98.04	66.18	41.25	19.62	5.54
20.0	230.58	192.66	158.12	122.43	91.42	62.94	36.69	17.73	4.07
22.5	221.35	186.48	149.77	117.43	86.94	56.91	33.56	14.36	3.53
25.0	213.35	175.93	143.02	108.13	78.90	52.19	28.24	11.86	1.84
27.5	202.64	168.98	133.10	102.35	73.14	45.54	24.69	8.13	1.07
30.0	193.50	157.60	125.23	95.07	64.60	40.64	19.60	5.82	1.00
32.5	180.26	147.69	113.36	84.22	57.67	33.26	15.87	3.59	0.76
35.0	169.84	134.84	104.28	76.09	48.59	27.66	10.85	2.37	0.76
37.5	154.72	123.71	94.08	64.75	40.98	20.42	6.70	0.69	0.76
40.0	142.39	112.26	81.22	55.75	31.96	15.48	4.04	0.61	0.38
42.5	129.12	97.45	70.44	44.41	24.88	10.30	1.68	0.46	0.61
45.0	112.28	84.45	56.78	35.20	18.32	4.71	0.46	0.68	0.61
47.5	98.25	71.94	46.08	26.69	10.95	2.51	0.46	0.68	0.46
50.0	84.12	57.27	35.52	17.42	5.63	0.76	0.68	1.06	0.61
52.5	67.28	44.86	24.32	10.76	2.65	0.99	0.91	0.76	0.61
55.0	53.23	33.17	16.05	4.77	0.61	0.68	0.61	0.76	0.68
57.5	40.21	21.58	8.86	1.29	0.68	0.98	0.45	0.91	0.76
60.0	26.74	12.65	3.11	0.68	0.68	0.68	0.68	0.68	0.76
62.5	16.55	5.59	0.45	0.68	0.68	0.76	0.91	0.38	0.60
65.0	7.94	0.98	0.91	0.45	0.76	0.60	0.76	0.60	0.76
67.5	2.12	0.68	0.68	0.76	0.68	0.76	0.76	0.91	0.68
70.0	0.61	0.61	0.76	0.76	0.76	0.68	0.76	0.61	0.68
72.5	0.61	0.91	0.61	0.91	0.68	0.68	0.61	0.91	0.61
75.0	0.91	0.76	0.91	0.61	0.68	1.06	0.76	0.68	0.68
77.5	0.91	0.68	0.76	0.61	0.61	0.61	0.68	0.68	0.99
80.0	0.91	0.61	0.76	0.68	0.68	0.91	0.61	0.76	0.91
82.5	0.76	0.91	0.91	0.91	0.69	0.91	0.69	1.14	0.99
85.0	0.69	0.61	0.76	0.76	0.76	0.99	1.30	1.07	0.92
87.5	0.77	0.92	0.99	0.77	0.77	0.92	0.77	0.99	1.15
90.0	0.38	0.77	1.00	0.92	0.92	1.00	1.00	1.00	1.30
92.5	0.69	0.92	0.92	0.92	0.92	1.15	0.99	1.30	1.15
95.0	0.99	1.15	0.92	0.76	0.99	0.69	1.07	1.07	1.30
97.5	0.99	0.92	0.99	1.14	1.07	0.99	0.99	1.07	1.14
100.0	0.99	0.91	1.14	1.14	1.07	1.07	1.07	1.30	1.37
102.5	1.06	0.99	0.99	1.37	0.99	1.37	1.29	1.29	1.29
105.0	1.29	0.99	0.99	0.99	1.14	1.29	1.29	1.14	1.67
107.5	0.76	0.99	1.14	1.29	1.29	1.29	1.37	1.29	1.37
110.0	1.29	1.06	1.14	1.14	1.06	1.06	1.29	1.44	1.14
112.5	1.06	1.06	1.14	1.59	1.29	1.14	1.37	1.29	1.44
115.0	1.29	1.06	1.29	1.44	0.99	1.37	1.29	1.37	1.44
117.5	1.29	1.29	1.37	1.60	1.44	1.60	1.29	1.60	1.44
120.0	1.14	1.14	1.14	1.37	1.83	1.37	1.37	1.60	1.45
122.5	1.45	1.07	1.37	1.37	1.45	1.75	1.37	1.60	1.45
125.0	1.15	1.61	1.45	1.45	1.38	1.61	1.68	1.61	1.38
127.5	1.46	1.46	1.61	1.69	1.46	1.46	1.38	1.61	1.76
130.0	1.30	1.46	1.69	1.46	1.61	1.46	1.76	1.69	1.76
132.5	1.62	1.70	1.62	1.47	1.70	1.70	1.77	1.62	1.77
135.0	1.62	1.62	1.77	1.62	1.62	1.62	1.70	1.85	1.62
137.5	1.85	1.62	1.70	1.62	1.78	1.85	1.78	1.78	1.85
140.0	1.77	1.85	1.70	1.77	1.70	1.85	1.85	2.01	2.01
142.5	1.77	1.39	1.77	1.70	1.77	1.77	2.01	1.70	1.77

Intensity data(cd)

Appendix Page: 26 Total:36

C/γ(°)	112.5	115.0	117.5	120.0	122.5	125.0	127.5	130.0	132.5
145.0	2.01	1.78	1.86	1.78	2.01	2.01	1.78	2.09	2.01
147.5	1.62	2.01	1.70	1.86	1.78	1.78	2.01	1.78	1.70
150.0	1.70	2.00	1.77	2.00	1.85	2.00	1.77	2.00	2.08
152.5	2.01	1.86	2.09	1.86	2.01	2.09	1.86	1.86	2.09
155.0	2.16	2.01	2.01	1.85	2.08	2.16	2.16	2.08	2.16
157.5	2.08	1.85	2.08	2.01	2.08	2.08	2.08	2.08	2.08
160.0	2.09	2.01	2.01	2.09	2.09	1.86	2.01	2.09	2.25
162.5	2.16	2.01	1.85	2.24	2.09	2.24	2.24	2.16	2.40
165.0	2.02	2.17	2.09	2.09	2.02	2.17	2.17	2.02	2.09
167.5	2.09	2.17	2.09	2.09	2.09	2.25	2.17	2.17	2.25
170.0	2.10	2.10	2.25	2.25	2.10	2.10	2.10	2.18	2.41
172.5	2.17	2.02	2.25	2.25	2.09	2.17	2.09	2.17	2.09
175.0	2.10	2.10	2.25	2.18	2.10	2.02	2.25	2.25	2.25
177.5	2.17	2.09	2.09	2.17	2.25	2.09	2.17	2.17	2.09
180.0	2.00	2.00	2.08	2.08	2.00	2.08	2.00	2.16	2.23
182.5	1.85	2.16	2.24	2.24	2.08	2.01	2.16	2.24	2.08
185.0	2.23	2.08	2.16	2.00	2.23	2.23	2.08	2.23	2.23
187.5	2.09	1.85	2.09	2.09	1.85	2.16	2.09	2.09	2.16
190.0	2.00	1.77	1.85	2.00	1.85	2.16	2.08	1.85	2.08
192.5	2.08	2.16	2.08	2.08	2.01	2.08	2.08	1.85	2.24
195.0	2.07	1.77	1.84	2.07	2.07	2.07	2.00	2.15	2.00
197.5	2.08	2.08	1.85	1.77	2.15	2.00	2.08	2.08	2.00
200.0	2.00	1.77	1.84	1.84	2.00	1.69	1.84	1.84	1.84
202.5	1.84	1.84	1.77	2.00	2.07	1.84	2.00	2.07	2.07
205.0	1.68	1.99	2.07	1.76	1.76	1.99	1.76	1.84	2.07
207.5	1.84	1.76	1.76	1.84	1.69	1.84	1.84	1.84	1.99
210.0	1.99	1.99	1.84	1.84	2.07	2.07	2.07	2.07	2.07
212.5	1.68	1.83	1.83	1.98	1.83	1.83	2.06	1.98	2.06
215.0	1.76	1.83	1.99	1.83	1.99	1.99	1.83	1.99	1.83
217.5	1.68	1.83	1.68	1.83	2.06	2.06	2.06	2.06	2.06
220.0	1.98	1.60	1.75	1.98	2.06	1.98	1.83	1.83	1.75
222.5	1.76	1.68	1.68	1.68	1.76	1.76	1.76	1.76	2.06
225.0	1.60	1.44	1.44	1.75	1.44	1.60	1.60	1.67	1.75
227.5	1.75	1.75	1.67	1.60	1.75	1.60	1.67	1.75	1.67
230.0	1.67	1.67	1.67	1.67	1.98	1.60	2.13	1.45	1.83
232.5	1.67	1.67	1.59	1.74	1.74	1.67	1.74	1.67	1.59
235.0	1.36	1.67	1.59	1.36	1.67	1.59	1.67	1.59	1.74
237.5	1.67	1.67	1.44	1.74	1.59	1.74	1.59	1.74	1.82
240.0	1.14	1.36	1.36	1.67	1.67	1.44	1.36	1.59	1.67
242.5	1.44	1.59	1.36	1.44	1.44	1.66	1.81	1.66	1.66
245.0	1.59	1.36	1.13	1.36	1.28	1.36	1.36	1.28	1.59
247.5	1.36	1.13	1.29	1.06	1.44	1.36	1.66	1.36	1.44
250.0	1.06	1.14	1.29	1.36	1.44	1.29	1.44	1.59	1.44
252.5	1.06	1.29	1.29	1.29	1.59	1.44	1.44	1.44	1.59
255.0	1.14	1.29	1.29	1.29	1.36	1.36	1.06	1.29	1.29
257.5	1.06	1.14	1.14	1.06	1.29	1.14	1.29	1.37	1.45
260.0	1.29	1.14	1.14	1.29	1.29	1.45	1.37	1.45	1.29
262.5	1.07	0.99	1.30	1.30	1.30	1.37	1.37	1.07	1.30
265.0	1.15	0.99	1.07	1.30	1.07	1.30	1.30	1.38	1.30
267.5	1.30	1.07	1.07	1.07	1.38	1.38	1.30	1.07	1.15
270.0	1.07	0.92	1.07	1.15	1.30	0.92	1.30	1.07	1.30
272.5	1.07	0.99	1.15	0.99	0.99	1.07	0.99	1.38	1.07
275.0	0.99	0.99	0.99	0.92	0.99	1.07	0.99	1.15	1.30
277.5	0.92	1.07	1.14	0.99	0.92	0.99	0.99	0.99	1.30
280.0	1.07	1.14	1.07	0.99	0.99	1.07	1.14	1.30	0.91
282.5	0.99	1.06	0.76	1.06	0.99	0.99	0.91	1.06	1.29
285.0	0.99	0.68	1.14	0.91	0.99	1.06	1.06	1.29	0.91
287.5	1.06	0.99	0.76	0.91	0.99	0.99	0.99	1.29	1.06

Intensity data(cd)

Appendix Page: 27 Total:36

C/γ(°)	112.5	115.0	117.5	120.0	122.5	125.0	127.5	130.0	132.5
290.0	0.68	1.06	0.76	0.91	0.76	0.91	0.76	1.14	1.06
292.5	0.99	0.76	0.76	0.91	0.76	0.99	0.99	0.99	0.99
295.0	0.91	1.06	0.99	0.76	0.91	0.68	0.76	0.91	1.06
297.5	1.14	0.99	0.91	0.91	0.99	0.91	0.99	0.76	0.76
300.0	4.95	0.91	1.07	0.91	0.91	0.91	0.99	0.76	0.91
302.5	11.90	2.82	0.99	0.99	1.14	0.99	0.92	0.69	1.07
305.0	22.63	8.64	1.61	0.76	1.15	0.69	1.07	0.92	0.69
307.5	33.17	16.01	4.83	1.07	0.92	0.69	1.00	0.69	0.77
310.0	45.35	24.86	10.82	2.07	1.00	0.92	0.77	0.92	1.00
312.5	58.45	36.93	17.97	5.94	1.00	1.00	0.93	1.08	0.93
315.0	72.22	48.38	26.39	11.80	2.24	1.08	0.69	0.69	0.93
317.5	85.29	59.43	35.51	18.14	5.48	0.77	0.69	0.77	0.77
320.0	98.53	71.22	46.91	25.23	10.42	1.62	1.08	1.08	0.77
322.5	113.68	82.68	56.46	32.86	15.73	4.16	0.77	0.93	0.69
325.0	126.66	96.85	66.89	42.66	21.60	7.43	1.16	1.32	0.93
327.5	138.21	107.51	76.18	50.58	29.16	11.91	2.71	1.01	1.01
330.0	151.73	117.34	87.58	57.90	35.08	17.42	4.16	0.93	0.69
332.5	162.69	127.58	96.89	68.12	41.52	21.73	6.26	0.77	1.01
335.0	172.11	139.14	104.63	75.05	49.19	25.94	10.12	1.31	0.93
337.5	183.95	147.23	114.92	81.83	54.76	30.47	13.57	3.55	0.69
340.0	192.62	155.15	122.25	90.89	60.47	36.62	16.26	4.26	1.01
342.5	198.80	164.49	127.95	96.50	67.37	40.10	20.24	5.33	1.08
345.0	208.30	170.38	136.57	101.13	71.27	45.37	22.80	7.29	1.09
347.5	212.91	177.53	140.75	107.69	74.63	47.92	26.09	8.36	1.16
350.0	218.91	183.39	145.47	111.98	78.17	52.22	27.82	10.65	1.32
352.5	223.72	184.96	149.85	113.57	82.25	54.26	29.38	12.02	1.71
355.0	225.58	189.58	151.55	117.65	83.12	55.05	31.57	12.13	2.72
357.5	228.58	189.09	154.02	117.01	85.58	56.87	31.27	13.42	2.41
360.0	252.22	216.19	180.54	143.12	110.25	76.91	49.81	27.72	9.39

Intensity data(cd)

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C/γ(°)	135.0	137.5	140.0	142.5	145.0	147.5	150.0	152.5	155.0
0.0	1.15	0.62	0.62	0.23	0.69	0.46	0.62	0.46	0.62
2.5	1.00	0.62	0.69	0.62	0.69	0.77	0.77	0.69	1.00
5.0	0.69	0.69	0.77	0.69	0.62	0.62	0.46	0.77	0.77
7.5	0.62	0.46	0.77	0.62	0.46	0.70	0.70	0.93	0.77
10.0	0.77	0.46	0.46	0.69	0.69	0.77	0.69	0.77	0.69
12.5	0.77	0.46	0.46	0.46	0.93	0.77	0.46	0.62	1.00
15.0	0.46	0.69	0.46	0.38	0.46	0.61	0.61	0.69	1.08
17.5	0.46	0.46	0.69	0.46	0.69	0.69	0.92	0.77	0.92
20.0	0.38	0.46	0.61	0.61	0.46	0.46	0.46	0.46	0.46
22.5	0.61	0.61	0.69	0.61	0.61	0.46	0.92	0.61	0.46
25.0	0.69	0.38	0.61	0.46	0.46	0.46	0.61	0.46	0.92
27.5	0.69	0.61	0.46	0.69	0.77	0.69	0.77	0.92	0.77
30.0	0.61	0.77	0.92	0.92	0.69	0.69	0.92	0.92	0.92
32.5	0.61	0.61	0.69	0.69	0.76	0.99	0.76	0.99	0.76
35.0	0.61	0.76	0.69	0.61	0.61	0.92	1.07	0.76	0.92
37.5	0.61	0.46	0.69	0.69	0.46	0.91	0.91	1.07	0.91
40.0	0.61	0.69	0.69	0.92	0.76	0.99	0.92	0.99	0.76
42.5	0.38	0.46	0.46	0.61	0.69	0.61	0.46	0.76	0.76
45.0	0.46	0.38	0.76	0.46	0.68	0.68	0.91	0.76	0.91
47.5	0.46	0.61	0.61	0.76	0.99	0.61	0.99	0.76	0.99
50.0	0.46	0.91	0.91	0.91	0.91	0.68	0.68	0.91	1.14
52.5	0.45	0.61	0.91	0.91	0.76	0.68	0.91	0.76	0.91
55.0	0.76	0.68	0.98	0.61	0.91	0.98	1.06	0.61	0.98
57.5	1.06	0.68	0.98	0.91	0.91	0.98	1.14	0.91	1.06
60.0	0.76	0.91	0.61	0.91	1.29	1.29	1.06	0.91	0.98
62.5	0.60	0.91	0.76	0.76	0.76	0.98	1.06	1.06	1.06
65.0	0.60	0.76	0.68	0.76	0.76	0.91	0.91	1.06	0.91
67.5	0.91	0.68	0.76	0.98	0.76	0.98	1.06	0.91	1.13
70.0	0.61	0.91	0.76	0.76	1.06	0.68	0.98	1.06	1.29
72.5	0.76	0.91	0.91	0.91	1.06	0.76	1.14	1.06	1.29
75.0	0.76	0.91	1.06	1.14	0.91	1.06	1.06	1.14	1.29
77.5	0.99	0.99	1.29	0.91	1.06	1.14	1.14	1.14	1.29
80.0	0.91	0.68	1.07	1.07	1.07	1.14	1.37	1.14	1.07
82.5	0.99	0.91	1.14	0.99	1.07	1.07	1.07	1.30	1.30
85.0	1.07	1.15	1.15	1.30	1.07	0.92	1.38	1.30	1.45
87.5	0.99	0.99	1.15	1.30	1.15	1.07	1.30	1.07	1.45
90.0	1.15	1.15	1.00	1.07	1.30	1.07	1.30	1.07	1.30
92.5	0.92	1.15	1.30	1.15	1.15	1.15	1.38	1.45	1.45
95.0	1.15	1.30	1.15	1.38	1.38	1.38	1.45	1.30	1.61
97.5	1.14	0.99	1.37	1.14	1.37	1.30	1.60	1.07	1.45
100.0	1.45	1.14	1.45	1.14	1.60	1.37	1.45	1.37	1.45
102.5	1.14	1.14	1.44	1.37	1.06	1.44	1.67	1.37	1.29
105.0	1.29	1.14	1.29	1.29	1.44	1.67	1.59	1.44	1.59
107.5	1.37	1.59	1.37	1.59	1.37	1.29	1.37	1.14	1.44
110.0	1.37	1.29	1.29	1.59	1.37	1.37	1.37	1.59	1.59
112.5	1.29	1.44	1.59	1.44	1.44	1.59	1.44	1.67	1.44
115.0	1.44	1.37	1.44	1.44	1.59	1.67	1.67	1.67	1.67
117.5	1.67	1.67	1.37	1.75	1.67	1.60	1.44	1.44	1.98
120.0	1.37	1.37	1.29	1.60	1.60	1.37	1.45	1.75	1.45
122.5	1.68	1.60	1.68	1.68	1.60	1.68	1.45	1.98	1.83
125.0	1.68	1.38	1.68	1.61	1.61	1.76	1.76	1.61	1.76
127.5	1.46	1.84	1.76	1.69	1.69	1.76	1.69	1.76	1.76
130.0	1.61	1.76	1.84	1.76	1.69	1.69	1.69	1.99	1.61
132.5	1.70	1.70	1.77	1.70	2.08	1.77	1.70	1.70	1.85
135.0	2.01	1.85	1.70	1.77	1.70	1.85	1.62	1.77	1.77
137.5	1.85	1.85	1.70	1.78	1.78	1.78	2.08	1.85	1.78
140.0	1.77	1.77	1.77	1.85	1.77	1.85	2.01	1.77	1.77
142.5	2.01	1.77	1.85	1.85	1.70	1.85	1.70	1.85	2.01

Intensity data(cd)

Appendix Page: 29 Total:36

C/γ(°)	135.0	137.5	140.0	142.5	145.0	147.5	150.0	152.5	155.0
145.0	1.78	1.70	2.09	1.86	1.78	1.78	1.78	1.78	1.78
147.5	2.01	2.09	2.01	2.01	2.09	1.86	2.09	1.78	1.86
150.0	2.16	2.08	2.08	1.85	1.85	1.70	2.00	1.85	2.00
152.5	2.17	2.01	2.01	2.01	1.70	1.70	1.70	2.09	1.86
155.0	2.01	1.85	2.01	1.85	1.85	2.08	2.08	2.08	2.01
157.5	2.08	2.16	2.01	1.85	2.08	1.85	1.85	2.16	2.01
160.0	2.01	2.09	2.17	1.86	2.01	2.09	1.86	1.78	1.70
162.5	2.16	2.01	2.16	1.85	2.01	2.09	2.01	2.16	2.01
165.0	2.17	2.17	2.09	2.25	2.17	1.86	2.09	1.86	1.63
167.5	2.17	2.17	2.09	2.25	2.17	1.78	2.01	2.09	1.86
170.0	2.25	2.18	2.25	2.25	2.02	2.10	2.10	2.02	2.18
172.5	2.25	2.25	2.25	2.09	2.09	2.25	1.86	2.09	2.17
175.0	2.18	2.25	2.18	2.10	2.25	2.10	2.10	2.02	2.10
177.5	2.17	2.25	2.09	2.25	2.17	2.09	2.17	1.86	2.09
180.0	2.08	2.16	2.00	2.08	2.08	2.00	2.00	2.16	2.08
182.5	2.08	2.08	2.01	2.24	2.08	2.08	2.16	1.85	2.08
185.0	2.08	2.00	2.16	2.08	2.00	2.00	2.00	1.85	1.85
187.5	2.01	2.09	2.16	1.78	1.78	1.78	1.85	1.70	1.70
190.0	1.85	2.08	2.00	2.00	2.00	2.08	2.08	2.00	1.85
192.5	2.01	2.01	1.85	1.85	2.08	2.08	1.85	2.08	1.77
195.0	2.00	2.23	2.07	2.00	2.00	2.00	1.77	1.77	1.69
197.5	2.15	2.15	2.00	2.00	2.15	1.85	2.15	2.08	2.00
200.0	1.84	2.00	1.69	1.84	1.69	1.69	1.77	1.61	1.46
202.5	2.00	1.84	2.00	1.84	2.15	1.84	1.84	2.00	1.77
205.0	1.84	1.99	1.76	1.84	1.99	1.84	1.76	1.99	1.84
207.5	1.99	1.99	1.76	1.99	1.76	2.07	1.84	1.76	1.84
210.0	1.99	2.14	2.14	1.99	1.99	2.14	1.76	1.84	2.14
212.5	1.83	2.06	2.14	2.14	2.21	1.83	1.75	1.75	1.83
215.0	1.99	1.83	1.99	1.99	1.83	1.99	1.83	1.76	1.68
217.5	1.98	1.83	2.06	2.06	1.83	2.06	1.83	1.68	1.68
220.0	1.75	1.83	1.98	2.06	1.83	1.83	1.98	2.06	1.75
222.5	1.83	1.76	1.83	1.98	1.68	1.68	1.83	1.83	1.76
225.0	1.67	1.67	1.75	1.67	1.67	1.82	1.44	1.82	1.60
227.5	1.75	1.98	1.75	1.83	1.75	2.05	1.83	1.98	1.83
230.0	1.98	1.75	1.75	2.05	1.83	1.67	1.98	1.98	1.83
232.5	1.82	1.82	1.74	1.74	1.82	2.05	1.97	1.82	1.82
235.0	1.74	1.67	1.97	1.67	1.82	1.67	1.74	1.67	1.59
237.5	1.74	1.74	1.97	1.74	1.67	1.82	1.82	1.67	1.67
240.0	1.44	1.74	1.44	1.67	1.59	1.67	1.67	1.74	1.67
242.5	1.36	1.66	1.44	1.66	1.66	2.04	1.44	1.66	1.74
245.0	1.59	1.66	1.66	1.36	1.59	1.59	1.66	1.81	1.59
247.5	1.74	1.59	1.59	1.66	1.66	1.59	1.59	1.82	1.74
250.0	1.36	1.36	1.44	1.67	1.74	1.59	1.36	1.82	1.74
252.5	1.29	1.67	1.67	1.59	1.74	1.67	1.67	1.44	1.67
255.0	1.44	1.36	1.29	1.59	1.44	1.74	1.67	1.74	1.67
257.5	1.29	1.37	1.29	1.67	1.60	1.60	1.37	1.45	1.67
260.0	1.37	1.45	1.37	1.45	1.60	1.67	1.45	1.60	1.67
262.5	1.14	1.37	1.45	1.30	1.60	1.68	1.68	1.68	1.60
265.0	1.45	1.30	1.38	1.30	1.38	1.61	1.61	1.68	1.61
267.5	1.30	1.45	1.38	1.38	1.61	1.68	1.38	1.45	1.61
270.0	1.38	1.30	1.15	1.61	1.38	1.38	1.46	1.61	1.61
272.5	1.30	1.15	1.15	1.38	1.61	1.38	1.38	1.68	1.61
275.0	1.15	1.30	1.30	1.38	1.38	1.45	1.45	1.61	1.45
277.5	1.37	1.37	1.30	1.30	1.37	1.45	1.30	1.37	1.60
280.0	1.37	1.07	1.30	1.14	1.14	1.60	1.30	1.14	1.30
282.5	1.06	1.14	1.29	1.60	1.44	1.37	1.44	1.44	1.44
285.0	1.14	1.14	1.06	1.06	0.99	1.29	1.29	1.44	1.59
287.5	1.06	1.06	1.14	1.14	1.37	1.14	1.14	1.37	1.37

Intensity data(cd)

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C/γ(°)	135.0	137.5	140.0	142.5	145.0	147.5	150.0	152.5	155.0
290.0	0.99	1.14	1.14	1.14	1.29	1.29	1.44	1.59	1.59
292.5	0.99	0.99	1.29	1.37	0.99	1.14	1.44	1.29	1.29
295.0	1.14	1.14	0.99	1.14	1.37	1.29	1.29	1.29	1.14
297.5	0.91	1.14	0.91	1.06	0.99	1.29	1.29	1.37	1.37
300.0	1.14	0.76	0.91	1.07	1.07	1.07	1.29	1.29	1.45
302.5	0.99	1.07	0.76	0.99	1.14	1.07	1.30	1.14	1.45
305.0	0.76	1.07	1.07	0.99	1.07	1.30	1.07	1.30	1.38
307.5	0.77	1.07	0.92	1.15	1.38	1.07	1.00	1.30	1.46
310.0	0.92	1.07	0.92	1.07	1.07	1.07	1.07	1.15	1.15
312.5	0.93	1.08	1.00	1.00	1.00	1.31	1.31	1.31	1.16
315.0	0.69	0.77	1.00	1.00	1.00	1.08	1.08	1.16	1.08
317.5	0.93	1.00	1.00	1.00	0.93	1.08	1.08	1.08	1.39
320.0	0.77	1.00	1.00	1.00	1.16	1.08	1.00	1.39	1.16
322.5	0.77	0.93	1.00	1.00	1.16	1.00	1.16	1.08	1.16
325.0	1.08	0.93	1.08	1.01	1.08	1.16	1.16	1.16	1.32
327.5	0.77	1.01	1.01	1.08	0.70	1.31	1.16	1.16	1.39
330.0	1.00	1.00	1.00	1.00	1.08	0.93	1.08	1.00	1.31
332.5	0.93	0.77	0.93	0.77	0.93	1.08	0.77	1.08	0.93
335.0	0.93	0.93	0.93	0.93	1.08	1.00	1.31	1.00	1.39
337.5	1.08	1.16	0.93	0.93	0.93	1.08	1.16	1.31	1.08
340.0	1.01	1.08	0.70	1.01	0.93	1.01	1.16	1.08	1.08
342.5	0.93	1.08	1.16	0.77	1.16	1.00	1.08	1.16	1.31
345.0	1.01	1.09	0.70	0.93	1.09	1.16	1.16	1.32	1.16
347.5	1.08	0.93	0.77	1.08	1.08	1.01	1.16	1.08	1.32
350.0	1.09	1.09	0.93	0.78	0.93	1.17	1.09	1.32	1.17
352.5	0.47	1.09	1.16	0.93	0.93	1.01	1.01	0.93	1.32
355.0	1.09	0.93	1.01	0.93	1.09	1.09	1.01	1.17	1.17
357.5	1.01	1.01	1.09	1.09	1.01	1.09	1.09	1.32	1.16
360.0	1.15	0.62	0.62	0.23	0.69	0.46	0.62	0.46	0.62

Intensity data(cd)

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C/γ(°)	157.5	160.0	162.5	165.0	167.5	170.0	172.5	175.0	177.5
0.0	0.69	0.69	0.69	0.69	0.92	1.00	1.08	1.15	1.08
2.5	0.77	0.93	0.77	1.00	1.16	1.16	1.39	1.31	1.31
5.0	0.62	0.77	1.00	1.00	1.16	1.08	1.31	1.31	1.31
7.5	0.70	0.70	0.93	1.00	1.08	1.08	1.31	1.31	1.08
10.0	0.92	0.77	0.77	0.92	1.08	1.15	1.15	1.08	1.39
12.5	0.77	0.93	0.93	1.00	0.77	0.93	1.08	1.31	1.39
15.0	0.92	0.92	0.77	0.92	1.15	1.00	1.15	1.46	1.46
17.5	1.00	1.15	1.00	1.15	1.08	1.00	1.31	1.31	1.46
20.0	0.77	0.69	1.00	0.77	0.92	1.15	1.07	1.07	1.07
22.5	0.92	0.77	0.92	1.00	0.92	1.08	1.15	1.31	1.15
25.0	0.69	0.77	0.92	1.07	1.07	1.15	1.30	1.15	1.30
27.5	0.77	0.92	0.69	1.00	1.00	1.07	1.38	1.00	1.15
30.0	1.30	1.07	1.15	1.07	1.38	0.92	1.45	1.45	1.45
32.5	1.07	0.99	1.07	1.14	1.07	1.30	1.14	1.45	1.60
35.0	1.07	0.99	1.15	0.99	0.99	1.30	1.15	1.38	1.38
37.5	0.99	0.91	1.14	1.07	1.37	1.14	1.37	1.37	1.45
40.0	0.92	1.07	1.14	1.14	1.07	1.14	1.68	1.14	1.14
42.5	0.99	0.92	0.92	0.99	1.14	1.30	1.14	1.30	1.30
45.0	1.06	1.14	1.06	1.29	1.14	0.99	1.06	1.14	1.29
47.5	0.99	0.99	0.99	1.06	0.99	1.29	1.14	1.29	1.37
50.0	0.99	0.99	1.14	1.60	1.29	1.37	1.60	1.45	1.37
52.5	0.99	1.14	1.29	1.36	1.36	1.36	1.36	1.14	1.29
55.0	1.14	1.14	1.06	1.29	0.98	1.36	1.36	1.59	1.44
57.5	0.91	1.29	1.29	1.14	1.36	1.44	1.44	1.36	1.36
60.0	1.14	1.14	1.06	1.29	1.06	1.36	1.36	1.36	1.59
62.5	0.98	1.06	1.06	1.06	1.28	1.13	1.28	1.13	1.66
65.0	1.06	1.36	1.13	1.28	1.06	1.13	1.44	1.28	1.06
67.5	1.06	1.06	1.06	1.06	1.36	1.13	1.36	1.36	1.29
70.0	1.14	1.14	1.36	1.29	1.36	1.29	1.44	1.36	1.29
72.5	1.06	1.29	1.44	1.29	1.06	1.29	1.37	1.67	1.44
75.0	1.29	1.29	1.36	1.29	1.29	1.29	1.36	1.36	1.29
77.5	1.14	1.37	1.14	1.45	1.37	1.14	1.37	1.37	1.45
80.0	1.14	1.29	1.29	1.45	1.37	1.45	1.29	1.45	1.60
82.5	1.37	1.37	1.07	1.30	1.37	1.37	1.60	1.37	1.45
85.0	1.30	1.38	1.30	1.38	1.15	1.45	1.61	1.38	1.61
87.5	1.30	1.45	1.30	1.61	1.45	1.45	1.45	1.45	1.30
90.0	1.38	1.15	1.38	1.61	1.46	1.61	1.69	1.46	1.38
92.5	1.38	1.45	1.15	1.45	1.61	1.61	1.68	1.38	1.45
95.0	1.38	1.15	1.30	1.45	1.45	1.76	1.30	1.38	1.68
97.5	1.45	1.30	1.45	1.45	1.45	1.45	1.30	1.60	1.37
100.0	1.37	1.60	1.30	1.37	1.68	1.60	1.45	1.45	1.75
102.5	1.44	1.29	1.60	1.67	1.44	1.37	1.37	1.44	1.37
105.0	1.44	1.59	1.59	1.29	1.59	1.29	1.44	1.44	1.59
107.5	1.44	1.67	1.29	1.67	1.59	1.59	1.44	1.37	1.59
110.0	1.44	1.59	1.37	1.59	1.37	1.59	1.59	1.44	1.59
112.5	1.44	1.74	1.67	1.44	1.82	1.59	1.59	1.59	1.59
115.0	1.59	1.59	1.44	1.44	1.59	1.67	1.67	1.29	1.59
117.5	1.67	1.44	1.67	1.37	1.75	1.44	1.44	1.37	1.67
120.0	1.68	1.68	1.75	1.45	1.60	1.45	1.37	1.45	1.75
122.5	1.60	1.68	1.37	1.68	1.68	1.60	1.60	1.60	1.45
125.0	1.68	1.68	1.61	1.68	1.76	1.68	1.45	1.45	1.45
127.5	1.38	1.69	1.61	1.61	1.69	1.61	1.46	1.46	1.61
130.0	1.76	1.46	1.61	1.61	1.61	1.69	1.61	1.61	1.69
132.5	1.85	1.77	1.39	1.70	1.62	1.70	1.62	1.39	1.62
135.0	1.62	1.85	1.70	1.70	1.70	1.47	1.77	1.47	1.62
137.5	1.78	1.70	1.85	1.70	1.62	1.78	1.78	1.85	1.78
140.0	1.85	1.77	1.70	1.62	1.77	1.62	1.62	1.62	1.70
142.5	2.01	1.77	1.70	1.62	1.62	1.62	1.62	1.62	1.62

Intensity data(cd)

Appendix Page: 32 Total:36

C/γ(°)	157.5	160.0	162.5	165.0	167.5	170.0	172.5	175.0	177.5
145.0	1.86	1.78	1.70	1.63	1.78	1.86	1.78	1.70	1.78
147.5	1.78	1.70	1.78	1.86	1.62	1.78	1.47	1.70	1.70
150.0	1.77	1.62	1.77	1.77	1.62	1.62	1.77	1.70	1.08
152.5	2.01	1.70	1.78	1.47	1.78	1.78	1.78	1.78	1.62
155.0	2.01	1.85	1.70	1.70	1.78	1.78	1.62	1.78	1.78
157.5	1.77	1.85	1.70	1.70	1.70	1.85	1.70	1.77	1.77
160.0	1.78	1.86	2.01	1.70	1.70	1.78	1.86	1.78	1.70
162.5	1.78	1.85	1.78	1.78	1.78	1.78	1.78	1.70	1.47
165.0	1.86	2.02	1.71	1.86	1.86	1.78	1.78	1.78	1.71
167.5	1.86	2.09	2.01	1.78	1.78	1.78	1.78	1.86	1.86
170.0	1.79	1.87	1.71	1.71	1.79	1.87	1.71	1.79	1.63
172.5	1.86	1.78	2.09	1.86	1.47	2.02	1.78	1.78	1.78
175.0	2.02	2.10	1.48	2.02	1.71	1.63	1.79	1.71	1.48
177.5	1.86	1.71	1.71	1.78	1.71	1.71	1.71	1.78	1.71
180.0	1.77	2.00	1.62	1.62	1.77	1.69	1.39	1.46	1.46
182.5	1.85	2.01	1.70	1.78	1.39	1.70	1.62	1.70	1.70
185.0	1.77	1.85	1.77	1.62	1.39	1.46	1.31	1.39	1.39
187.5	1.78	1.70	1.62	1.47	1.47	1.62	1.62	1.39	1.16
190.0	1.85	1.69	1.77	1.46	1.39	1.39	1.46	1.46	1.46
192.5	1.85	1.70	1.62	1.47	1.77	1.31	1.31	1.62	1.31
195.0	2.00	1.84	1.84	1.69	1.69	1.61	1.61	1.38	1.69
197.5	2.00	1.69	1.69	1.85	1.69	1.46	1.62	1.39	1.46
200.0	1.61	1.46	1.46	1.38	1.46	1.30	1.38	1.30	1.30
202.5	1.84	1.84	1.61	1.69	1.46	1.46	1.61	1.38	1.38
205.0	1.61	1.68	1.76	1.61	1.45	1.61	1.38	1.45	1.30
207.5	1.69	1.76	1.61	1.69	1.38	1.30	1.46	1.46	1.30
210.0	1.99	1.68	1.84	1.68	1.76	1.76	1.61	1.38	1.45
212.5	1.83	1.83	1.83	1.68	1.68	1.68	1.75	1.75	1.60
215.0	1.76	1.83	1.68	1.68	1.76	1.60	1.60	1.60	1.45
217.5	1.83	1.98	1.68	1.68	1.68	1.30	1.68	1.60	1.45
220.0	1.60	1.83	1.83	1.68	1.75	1.68	1.14	1.45	1.45
222.5	1.83	1.60	1.68	1.83	1.45	1.45	1.45	1.45	1.37
225.0	1.82	1.60	1.67	1.75	1.29	1.60	1.44	1.60	1.29
227.5	1.75	1.75	1.75	1.37	1.67	1.60	1.44	1.37	1.37
230.0	1.98	2.05	1.67	1.75	1.60	1.83	1.60	1.60	1.37
232.5	1.97	1.82	1.59	1.59	1.82	1.74	1.67	1.36	1.59
235.0	1.97	1.67	1.67	1.67	1.59	1.59	1.67	1.59	1.29
237.5	1.67	1.59	1.74	1.67	1.59	1.67	1.74	1.36	1.36
240.0	1.74	1.82	1.59	1.44	1.59	1.59	1.36	1.29	1.59
242.5	1.66	1.59	1.74	1.81	1.66	1.44	1.66	1.36	1.44
245.0	1.66	1.44	1.74	1.74	1.44	1.44	1.59	1.59	1.28
247.5	1.66	1.66	1.44	1.44	1.44	1.59	1.29	1.44	1.36
250.0	1.74	1.59	1.67	1.59	1.44	1.44	1.59	1.44	1.67
252.5	1.59	1.37	1.67	1.74	1.74	1.67	1.67	1.37	1.44
255.0	1.59	1.59	1.67	1.59	1.67	1.59	1.59	1.36	1.44
257.5	1.60	1.67	1.37	1.60	1.60	1.45	1.60	1.29	1.45
260.0	1.75	1.67	1.60	1.67	1.45	1.37	1.60	1.37	1.45
262.5	1.60	1.75	1.60	1.75	1.68	1.45	1.37	1.45	1.37
265.0	1.45	1.61	1.38	1.68	1.30	1.45	1.38	1.61	1.45
267.5	1.61	1.45	1.84	1.68	1.38	1.68	1.61	1.61	1.61
270.0	1.61	1.69	1.76	1.61	1.61	1.38	1.46	1.46	1.46
272.5	1.38	1.61	1.61	1.76	1.45	1.61	1.61	1.38	1.30
275.0	1.61	1.61	1.45	1.45	1.61	1.61	1.76	1.30	1.38
277.5	1.45	1.45	1.45	1.60	1.60	1.68	1.45	1.45	1.45
280.0	1.45	1.37	1.45	1.45	1.37	1.60	1.37	1.45	1.37
282.5	1.37	1.44	1.44	1.60	1.37	1.44	1.37	1.60	1.44
285.0	1.82	1.67	1.75	1.75	1.29	1.37	1.59	1.59	1.59
287.5	1.06	1.37	1.37	1.37	1.44	1.37	1.37	1.44	1.59

Intensity data(cd)

Appendix Page: 33 Total:36

C/γ(°)	157.5	160.0	162.5	165.0	167.5	170.0	172.5	175.0	177.5
290.0	1.37	1.14	1.59	1.67	1.44	1.67	1.44	1.59	1.29
292.5	1.37	1.29	1.67	1.67	1.44	1.59	1.37	1.59	1.44
295.0	1.37	1.44	1.67	1.29	1.67	1.29	1.37	1.44	1.44
297.5	1.44	1.14	1.37	1.37	1.37	1.44	1.37	1.60	1.44
300.0	1.37	1.37	1.60	1.45	1.60	1.60	1.45	1.60	1.60
302.5	1.30	1.37	1.45	1.45	1.45	1.45	1.45	1.37	1.37
305.0	1.45	1.30	1.45	1.38	1.61	1.30	1.61	1.30	1.30
307.5	1.38	1.61	1.46	1.38	1.30	1.61	1.46	1.61	1.46
310.0	1.30	1.30	1.30	1.38	1.30	1.61	1.38	1.15	1.30
312.5	1.16	1.31	1.39	1.39	1.62	1.31	1.62	1.31	1.62
315.0	1.31	1.62	1.31	1.39	1.39	1.47	1.47	1.70	1.39
317.5	1.31	1.31	1.47	1.16	1.70	1.39	1.39	1.39	1.70
320.0	1.16	1.39	1.47	1.62	1.39	1.77	1.47	1.31	1.62
322.5	1.16	1.47	1.62	1.31	1.47	1.31	1.31	1.39	1.70
325.0	1.39	1.08	1.32	1.47	1.47	1.32	1.47	1.47	1.63
327.5	1.16	1.47	1.31	1.39	1.78	1.78	1.47	1.47	1.70
330.0	1.39	1.39	1.46	1.39	1.62	1.39	1.31	1.46	1.46
332.5	1.31	1.47	1.31	1.39	1.62	1.62	1.47	1.70	1.78
335.0	1.39	1.39	1.39	1.39	1.70	1.31	1.70	1.62	1.62
337.5	1.08	1.39	1.31	1.47	1.39	1.47	1.47	1.62	1.77
340.0	1.39	1.47	1.63	1.63	1.32	1.47	1.78	1.39	1.70
342.5	1.08	1.39	1.62	1.47	1.47	1.39	1.39	1.39	1.31
345.0	1.16	1.32	1.40	1.40	1.40	1.40	1.71	1.63	1.47
347.5	1.32	1.32	1.63	1.32	1.63	1.47	1.63	1.32	1.47
350.0	1.40	1.32	1.40	1.40	1.40	1.48	1.48	1.48	1.71
352.5	1.16	1.71	1.16	1.32	1.47	1.40	1.63	1.16	1.78
355.0	1.17	1.48	1.40	1.40	1.63	1.32	1.40	1.48	1.79
357.5	1.16	1.32	1.40	1.47	1.63	1.40	1.71	1.71	1.47
360.0	0.69	0.69	0.69	0.69	0.92	1.00	1.08	1.15	1.08

Intensity data(cd)

Appendix Page: 34 Total:36

C/ γ (°) 180.0

0.0 1.49

2.5 1.49

5.0 1.49

7.5 1.49

10.0 1.49

12.5 1.49

15.0 1.49

17.5 1.49

20.0 1.49

22.5 1.49

25.0 1.49

27.5 1.49

30.0 1.49

32.5 1.49

35.0 1.49

37.5 1.49

40.0 1.49

42.5 1.49

45.0 1.49

47.5 1.49

50.0 1.49

52.5 1.49

55.0 1.49

57.5 1.49

60.0 1.49

62.5 1.49

65.0 1.49

67.5 1.49

70.0 1.49

72.5 1.49

75.0 1.49

77.5 1.49

80.0 1.49

82.5 1.49

85.0 1.49

87.5 1.49

90.0 1.49

92.5 1.49

95.0 1.49

97.5 1.49

100.0 1.49

102.5 1.49

105.0 1.49

107.5 1.49

110.0 1.49

112.5 1.49

115.0 1.49

117.5 1.49

120.0 1.49

122.5 1.49

125.0 1.49

127.5 1.49

130.0 1.49

132.5 1.49

135.0 1.49

137.5 1.49

140.0 1.49

142.5 1.49

Intensity data(cd)

Appendix Page: 35 Total:36

C/ γ (°) 180.0

145.0 1.49

147.5 1.49

150.0 1.49

152.5 1.49

155.0 1.49

157.5 1.49

160.0 1.49

162.5 1.49

165.0 1.49

167.5 1.49

170.0 1.49

172.5 1.49

175.0 1.49

177.5 1.49

180.0 1.49

182.5 1.49

185.0 1.49

187.5 1.49

190.0 1.49

192.5 1.49

195.0 1.49

197.5 1.49

200.0 1.49

202.5 1.49

205.0 1.49

207.5 1.49

210.0 1.49

212.5 1.49

215.0 1.49

217.5 1.49

220.0 1.49

222.5 1.49

225.0 1.49

227.5 1.49

230.0 1.49

232.5 1.49

235.0 1.49

237.5 1.49

240.0 1.49

242.5 1.49

245.0 1.49

247.5 1.49

250.0 1.49

252.5 1.49

255.0 1.49

257.5 1.49

260.0 1.49

262.5 1.49

265.0 1.49

267.5 1.49

270.0 1.49

272.5 1.49

275.0 1.49

277.5 1.49

280.0 1.49

282.5 1.49

285.0 1.49

287.5 1.49

Intensity data(cd)

Appendix Page: 36 Total:36

C/γ(°)	180.0
290.0	1.49
292.5	1.49
295.0	1.49
297.5	1.49
300.0	1.49
302.5	1.49
305.0	1.49
307.5	1.49
310.0	1.49
312.5	1.49
315.0	1.49
317.5	1.49
320.0	1.49
322.5	1.49
325.0	1.49
327.5	1.49
330.0	1.49
332.5	1.49
335.0	1.49
337.5	1.49
340.0	1.49
342.5	1.49
345.0	1.49
347.5	1.49
350.0	1.49
352.5	1.49
355.0	1.49
357.5	1.49
360.0	1.49