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Ten-Lighting Technology Co.Ltd

LumCAT: LED Track lights

Luminaire: R10-C09WB

Report No: 18-0555-05

Voltage(V): 220.0300

Test No: 18-0555-05

Current(A): 0.0600

LampCAT: LED 10W

Power (W): 10.2830

Lamp flux(lm)

PF: 0.7850

Number of Lamps: 1

Ballast type:

Length(mm): 50

Width(mm): 50

Phm Type: C

Height(mm): 200

Photometric Results

Lumens(lm): 1055.02

Lumens(lm)/Power(W): 102.60

Central intensity(cd): 4391.209

Maximum intensity(cd): 4575.021

Angle of maximum intensity: $C=235.0 \gamma=2.5$

Beam Angle(50%Imax): [C0/180]Left=15.3 Right=10.4

[C90/270]Left=15.7 Right=9.8

Field angle(10%Imax): [C0/180]Left=26.3 Right=20.3

[C90/270]Left=27.0 Right=18.4

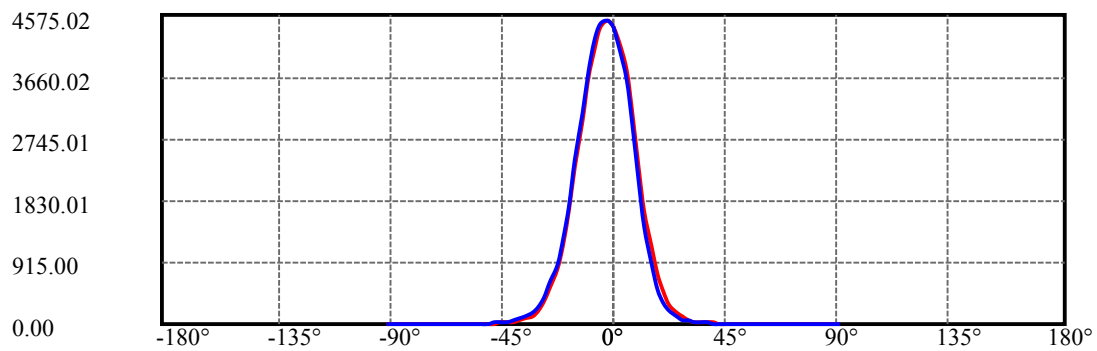
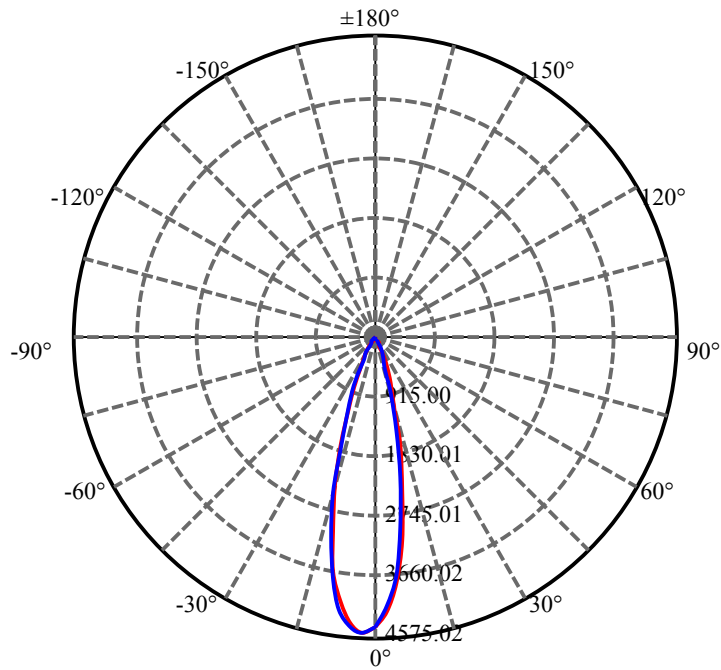
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	4391.209	.000	.000	.000%	.000%
2.5	4292.537	25.965	25.965	2.461%	2.461%
5.0	4021.487	74.532	100.497	7.065%	9.526%
7.5	3556.891	113.085	213.582	10.719%	20.244%
10.0	2965.659	136.002	349.585	12.891%	33.135%
12.5	2317.642	141.278	490.862	13.391%	46.526%
15.0	1700.354	130.902	621.764	12.408%	58.934%
17.5	1191.558	110.920	732.684	10.514%	69.447%
20.0	812.581	88.300	820.984	8.369%	77.817%
22.5	545.055	67.445	888.429	6.393%	84.210%
25.0	358.464	49.877	938.306	4.728%	88.937%
27.5	229.026	35.615	973.922	3.376%	92.313%
30.0	144.739	24.641	998.563	2.336%	94.649%
32.5	91.914	16.828	1015.391	1.595%	96.244%
35.0	59.435	11.525	1026.916	1.092%	97.336%
37.5	38.328	7.924	1034.839	.751%	98.087%
40.0	25.813	5.503	1040.342	.522%	98.609%
42.5	18.210	3.979	1044.321	.377%	98.986%
45.0	12.937	2.952	1047.273	.280%	99.266%
47.5	9.330	2.205	1049.478	.209%	99.475%
50.0	6.566	1.638	1051.116	.155%	99.630%
52.5	4.396	1.172	1052.288	.111%	99.741%
55.0	3.086	.827	1053.115	.078%	99.819%
57.5	2.348	.619	1053.734	.059%	99.878%
60.0	1.682	.472	1054.206	.045%	99.923%
62.5	1.082	.332	1054.538	.031%	99.954%
65.0	.710	.220	1054.759	.021%	99.975%
67.5	.422	.142	1054.901	.013%	99.989%
70.0	.155	.074	1054.974	.007%	99.996%
72.5	.094	.032	1055.007	.003%	99.999%
75.0	.006	.013	1055.020	.001%	100.000%
77.5	.000	.001	1055.021	.000%	100.000%
80.0	.000	.000	1055.021	.000%	100.000%
82.5	.000	.000	1055.021	.000%	100.000%
85.0	.000	.000	1055.021	.000%	100.000%
87.5	.000	.000	1055.021	.000%	100.000%
90.0	.000	.000	1055.021	.000%	100.000%

ZONAL LUMEN SUMMARY

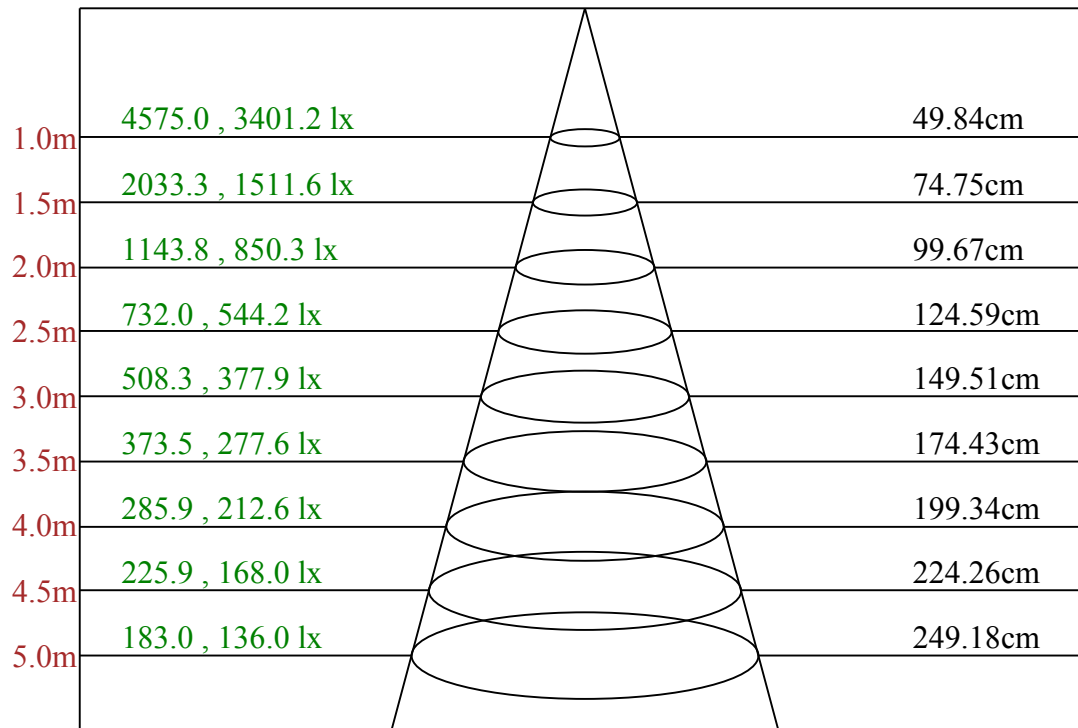
Zone	Lumens	%Fixt
0-30	998.56	94.65%
0-40	1040.34	98.61%
0-60	1054.21	99.92%
0-90	1055.02	100.00%
0-120	1055.02	100.00%
0-180	1055.02	100.00%
60-90	1.29	0.12%
90-120	0.00	0.00%
90-130	0.00	0.00%
90-150	0.00	0.00%
90-180	0.00	0.00%
0-20.85	844.02	80.00%

ZONAL LUMEN SUMMARY

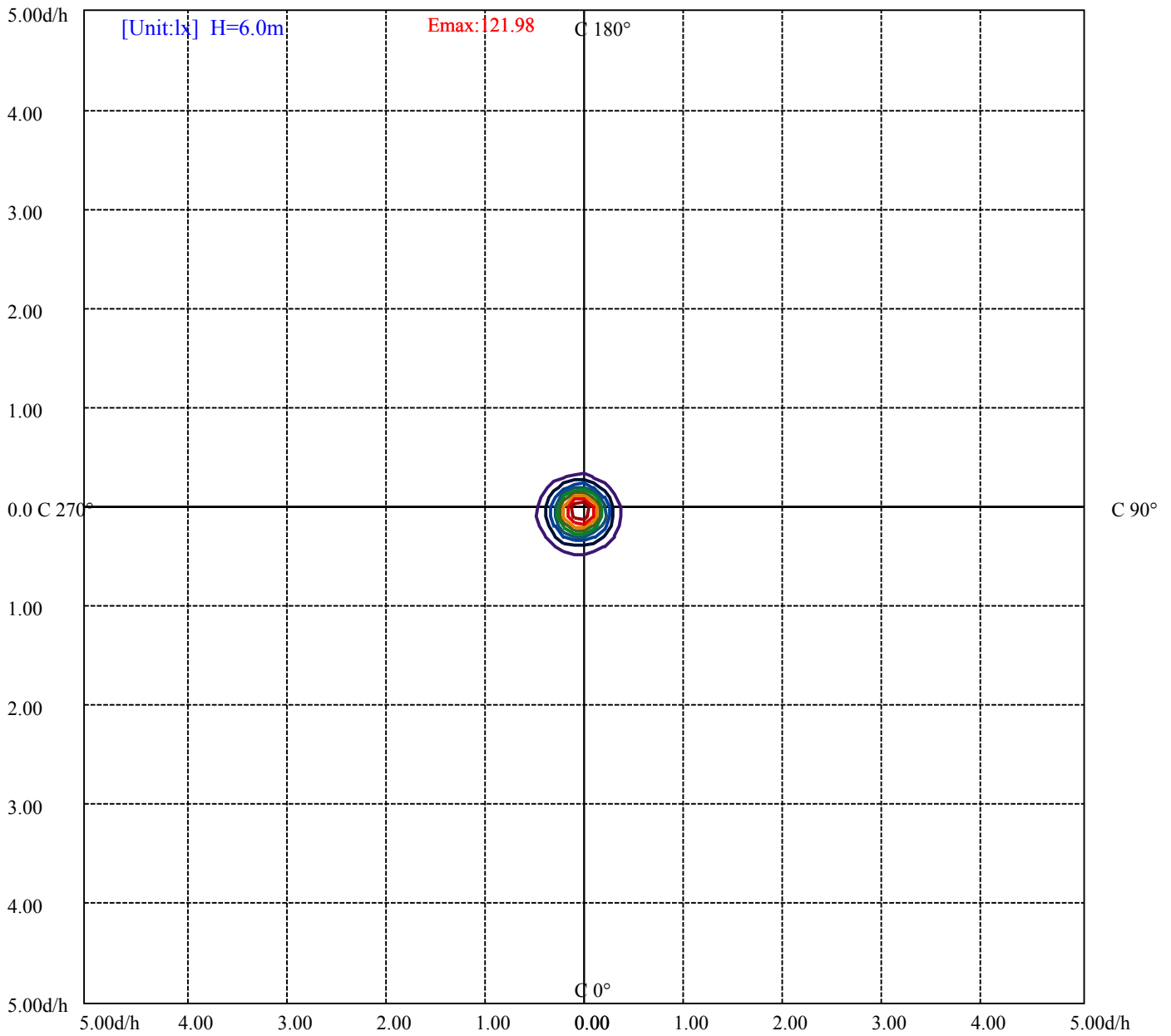
0-10	349.58
10-20	471.40
20-30	177.58
30-40	41.78
40-50	10.77
50-60	3.09
60-70	0.77
70-80	0.05
80-90	0.00
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00












C0/C180: ————
C90/C270: ————



Max , Ave Beam angle of C235plane27.84



(10%Emax)	12.19775	
(20%Emax)	24.39547	
(30%Emax)	36.59333	
(40%Emax)	48.79083	
(50%Emax)	60.98861	
(60%Emax)	73.18639	
(70%Emax)	85.38417	
(80%Emax)	97.58194	
(90%Emax)	109.7797	

Intensity data(cd)

C/γ(°)	0.0	2.5	5.0	7.5	10.0	12.5	15.0	17.5	20.0
0.0	4391.21	4168.23	3744.65	3109.29	2361.24	1683.92	1135.66	748.45	469.53
5.0	4391.21	4109.89	3684.71	3020.58	2307.69	1616.38	1068.93	694.51	426.77
10.0	4391.21	4089.91	3634.76	2977.02	2243.75	1547.65	1018.58	633.37	396.40
15.0	4391.21	4104.29	3603.59	2943.06	2174.22	1490.11	980.62	597.80	363.64
20.0	4391.21	4069.93	3582.42	2905.89	2126.27	1452.55	913.49	559.84	338.06
25.0	4391.21	4083.51	3564.43	2857.14	2078.72	1376.22	871.53	523.88	320.88
30.0	4391.21	4054.34	3545.25	2826.77	2057.94	1359.04	847.15	497.90	307.69
35.0	4391.21	4047.15	3498.10	2781.62	2021.98	1355.04	821.18	483.12	294.11
40.0	4391.21	4029.17	3485.71	2811.19	2009.99	1329.07	800.00	473.13	285.31
45.0	4391.21	4029.57	3498.10	2758.44	1974.42	1306.29	786.81	465.13	279.32
50.0	4391.21	4045.55	3484.91	2718.88	1970.03	1307.49	788.01	467.53	280.12
55.0	4391.21	4046.35	3472.53	2756.84	1978.82	1293.11	791.21	471.13	280.92
60.0	4391.21	3985.61	3491.31	2717.68	1993.21	1301.90	792.01	471.93	283.32
65.0	4391.21	4034.36	3512.09	2760.84	1993.61	1316.28	802.40	465.53	283.72
70.0	4391.21	4063.93	3506.49	2792.41	2032.77	1329.47	814.39	467.13	286.11
75.0	4391.21	4030.77	3515.68	2815.98	2039.16	1345.05	815.18	477.52	296.10
80.0	4391.21	3992.01	3549.25	2838.36	2065.93	1394.21	832.77	485.91	302.90
85.0	4391.21	4090.71	3593.20	2867.93	2119.88	1418.98	859.14	498.30	310.89
90.0	4391.21	4089.11	3617.58	2917.48	2172.23	1463.34	886.31	517.48	323.28
95.0	4391.21	4100.70	3633.56	2964.63	2208.99	1499.30	925.87	536.26	327.67
100.0	4391.21	4133.06	3679.12	3005.79	2257.34	1534.07	970.63	566.23	345.65
105.0	4391.21	4145.45	3714.68	3064.53	2301.30	1594.80	1021.38	616.58	360.44
110.0	4391.21	4199.80	3779.02	3136.86	2398.40	1665.13	1076.92	638.96	387.61
115.0	4391.21	4194.60	3791.01	3202.80	2475.52	1732.67	1141.66	693.71	415.58
120.0	4391.21	4220.58	3828.57	3258.74	2543.46	1807.39	1219.18	751.65	445.15
125.0	4391.21	4246.15	3862.54	3340.66	2624.97	1907.29	1276.72	813.99	487.51
130.0	4391.21	4223.77	3921.68	3411.79	2709.69	1993.21	1343.86	889.11	540.66
135.0	4391.21	4293.30	3970.83	3503.69	2816.78	2080.72	1436.16	947.85	594.61
140.0	4391.21	4276.92	4014.38	3581.62	2902.30	2175.02	1541.26	1022.98	638.96
145.0	4391.21	4298.90	4068.33	3656.34	2997.40	2256.94	1626.77	1101.70	707.29
150.0	4391.21	4312.48	4104.29	3704.29	3092.91	2393.60	1703.50	1188.01	784.42
155.0	4391.21	4354.44	4148.65	3785.81	3190.41	2511.89	1825.37	1252.75	845.95
160.0	4391.21	4341.26	4209.79	3816.18	3305.49	2629.77	1942.86	1340.26	927.87
165.0	4391.21	4389.21	4232.56	3903.69	3389.01	2712.89	2049.55	1424.57	985.81
170.0	4391.21	4422.38	4310.09	3974.42	3491.31	2834.36	2126.27	1509.29	1057.34
175.0	4391.21	4396.80	4307.29	4017.58	3558.44	2922.28	2206.99	1602.80	1129.27
180.0	4391.21	4486.71	4372.03	4046.35	3623.17	3000.60	2325.67	1698.30	1184.02
185.0	4391.21	4474.72	4361.24	4097.90	3706.69	3096.10	2409.19	1764.63	1251.95
190.0	4391.21	4458.34	4412.78	4119.88	3746.65	3145.65	2475.92	1819.38	1305.89
195.0	4391.21	4499.50	4409.99	4195.00	3779.02	3210.39	2549.45	1894.90	1346.25
200.0	4391.21	4487.51	4434.36	4228.97	3858.14	3288.71	2610.99	1960.84	1393.41
205.0	4391.21	4533.06	4501.90	4282.51	3858.14	3361.84	2676.52	2001.20	1428.57
210.0	4391.21	4560.64	4469.53	4270.13	3896.10	3426.97	2747.65	2049.55	1462.54
215.0	4391.21	4553.84	4469.53	4315.28	3941.66	3408.59	2765.63	2077.12	1483.72
220.0	4391.21	4519.48	4531.07	4340.86	3947.65	3434.16	2798.40	2098.30	1512.89
225.0	4391.21	4508.29	4532.66	4312.09	3983.21	3510.09	2819.98	2118.68	1519.28
230.0	4391.21	4551.45	4507.09	4314.88	3986.41	3471.73	2813.98	2123.88	1522.88
235.0	4391.21	4575.02	4465.93	4310.09	3958.84	3452.15	2816.78	2137.06	1513.69
240.0	4391.21	4521.48	4521.08	4272.52	3954.44	3448.15	2787.61	2112.69	1493.71
245.0	4391.21	4555.44	4514.68	4309.29	3930.47	3407.79	2747.25	2092.31	1480.92
250.0	4391.21	4553.84	4515.08	4225.77	3934.86	3362.24	2699.30	2025.17	1435.76
255.0	4391.21	4533.06	4499.50	4270.53	3851.35	3323.47	2640.96	1965.63	1406.59
260.0	4391.21	4526.27	4487.51	4235.76	3834.16	3255.54	2566.23	1922.88	1361.44
265.0	4391.21	4528.67	4462.73	4201.80	3791.01	3213.58	2504.29	1857.74	1326.27
270.0	4391.21	4481.52	4419.98	4177.42	3717.48	3118.08	2434.76	1772.63	1288.31
275.0	4391.21	4497.50	4375.62	4103.09	3668.73	3043.35	2370.03	1746.25	1234.76
280.0	4391.21	4440.76	4387.61	4030.77	3572.43	3004.99	2280.92	1671.53	1177.62
285.0	4391.21	4451.15	4310.49	4010.39	3554.04	2900.30	2219.78	1603.20	1126.87

Intensity data(cd) Page: 8 Total:16

C/γ(°)	0.0	2.5	5.0	7.5	10.0	12.5	15.0	17.5	20.0
290.0	4391.21	4417.18	4291.71	3968.83	3448.95	2822.38	2142.66	1549.25	1096.50
295.0	4391.21	4385.21	4266.93	3879.72	3402.60	2732.47	2045.15	1492.91	1043.76
300.0	4391.21	4381.62	4215.38	3843.75	3291.51	2671.73	1982.82	1423.38	991.41
305.0	4391.21	4364.43	4180.62	3799.80	3225.97	2572.63	1909.69	1378.22	950.25
310.0	4391.21	4350.45	4132.27	3745.45	3167.63	2488.71	1844.15	1339.06	916.68
315.0	4391.21	4316.88	4059.94	3676.32	3086.91	2400.00	1783.02	1256.34	873.53
320.0	4391.21	4290.91	4096.30	3636.76	3007.79	2338.86	1724.67	1190.01	823.98
325.0	4391.21	4257.34	4002.00	3533.66	2935.46	2244.15	1631.17	1132.87	790.41
330.0	4391.21	4245.35	3997.20	3462.54	2846.75	2165.83	1551.65	1086.51	724.87
335.0	4391.21	4235.36	3953.24	3348.25	2765.63	2092.31	1480.12	1024.97	672.13
340.0	4391.21	4281.72	3861.74	3336.66	2702.50	1994.80	1404.99	957.04	625.77
345.0	4391.21	4202.19	3850.55	3287.51	2611.39	1916.88	1341.46	896.70	588.61
350.0	4391.21	4147.45	3767.43	3212.39	2515.88	1842.56	1261.14	853.55	542.26
355.0	4391.21	4174.22	3748.25	3186.41	2438.36	1765.03	1201.20	801.20	497.50
360.0	4391.21	4168.23	3744.65	3109.29	2361.24	1683.92	1135.66	748.45	469.53

Intensity data(cd)

C/γ(°)	22.5	25.0	27.5	30.0	32.5	35.0	37.5	40.0	42.5
0.0	272.13	170.63	108.29	67.93	39.16	28.77	21.98	16.78	12.79
5.0	250.95	159.44	101.10	59.94	37.16	26.77	20.78	15.98	11.99
10.0	235.36	145.85	93.51	54.75	35.16	25.57	19.58	15.18	11.19
15.0	220.18	137.46	83.12	51.15	33.57	24.38	18.38	13.99	10.39
20.0	210.19	129.07	76.72	46.75	31.57	23.18	17.18	13.19	9.59
25.0	189.81	119.88	72.33	44.76	30.37	22.38	16.78	12.39	8.39
30.0	184.62	115.08	67.53	42.36	29.17	21.18	15.58	11.59	7.99
35.0	178.22	107.89	63.54	40.76	28.37	20.78	15.18	10.79	7.19
40.0	174.63	103.10	61.14	39.56	27.17	19.58	14.39	10.39	7.19
45.0	172.23	100.70	59.94	39.56	26.37	19.58	14.39	10.39	7.19
50.0	173.03	97.50	59.94	38.76	26.37	19.18	14.39	9.99	7.19
55.0	172.23	97.50	59.54	37.56	25.97	18.78	14.39	9.99	7.19
60.0	173.03	96.70	58.74	37.16	25.57	18.78	13.99	9.99	7.19
65.0	173.43	98.30	58.34	37.96	25.97	18.78	13.59	9.59	7.19
70.0	175.02	99.50	59.94	38.36	25.97	18.38	13.59	9.59	6.79
75.0	175.82	101.90	61.14	39.56	26.37	18.78	13.59	9.59	6.79
80.0	179.82	104.30	62.74	40.36	27.17	19.58	14.39	10.39	7.59
85.0	186.21	108.29	64.74	41.56	28.37	19.98	14.79	10.79	7.99
90.0	204.99	113.89	67.13	43.56	29.57	21.18	15.58	11.19	8.39
95.0	208.19	119.48	70.73	45.15	30.77	21.58	15.98	11.59	8.79
100.0	217.38	128.67	75.92	47.95	32.37	22.78	16.38	11.99	8.79
105.0	228.17	137.46	79.12	49.95	33.97	23.58	16.78	12.39	9.19
110.0	241.76	143.06	84.72	53.15	35.16	24.38	17.98	12.79	9.59
115.0	262.14	153.05	90.71	56.74	37.96	25.17	18.78	13.59	9.99
120.0	281.72	163.44	96.30	59.94	40.36	27.57	19.58	14.39	10.79
125.0	305.69	179.02	105.89	65.13	43.16	29.17	20.38	14.79	10.79
130.0	333.27	201.40	114.69	71.53	45.55	31.57	21.58	15.58	10.79
135.0	366.03	226.57	129.07	77.52	49.95	33.17	22.78	15.98	11.19
140.0	405.59	258.54	148.25	86.31	55.14	36.36	24.78	16.78	11.59
145.0	444.36	285.71	166.23	96.30	59.14	39.56	26.37	18.38	12.39
150.0	490.71	320.08	187.41	109.49	65.53	43.16	29.57	19.98	13.59
155.0	539.46	351.65	204.99	121.48	71.53	47.55	31.17	21.98	14.79
160.0	605.39	392.01	236.16	133.87	79.92	51.15	34.37	23.58	16.38
165.0	664.54	440.36	268.13	149.45	89.91	55.94	36.36	25.57	17.58
170.0	724.87	471.93	298.50	167.43	97.50	60.34	40.36	28.37	18.78
175.0	776.02	515.08	323.68	188.61	109.89	66.73	43.56	31.17	20.78
180.0	826.77	547.85	350.05	209.79	119.08	71.53	46.35	31.97	21.98
185.0	859.94	583.42	374.82	226.17	128.67	77.92	49.55	33.17	23.58
190.0	907.49	604.99	396.00	244.56	141.86	83.52	53.55	35.56	26.37
195.0	950.25	640.56	421.58	260.54	149.45	88.71	55.94	37.96	27.17
200.0	976.62	664.54	431.57	265.73	162.64	95.90	59.54	40.36	28.77
205.0	1007.79	684.12	441.56	277.72	169.83	99.90	62.34	41.96	29.97
210.0	1020.58	701.70	455.94	282.12	178.22	106.69	65.53	43.56	30.37
215.0	1038.56	707.69	461.54	286.91	181.42	111.09	67.93	44.36	31.17
220.0	1050.95	711.69	471.93	301.30	187.01	116.28	70.33	45.95	31.97
225.0	1069.73	726.47	470.73	304.89	194.61	123.88	72.73	46.35	32.77
230.0	1064.54	733.27	486.71	312.49	199.40	129.47	76.32	47.55	33.17
235.0	1059.34	727.27	491.11	316.88	201.40	133.07	79.12	47.95	33.57
240.0	1041.76	731.27	484.71	310.89	202.20	132.27	78.72	49.15	32.77
245.0	1023.38	710.49	473.53	308.49	200.60	132.67	79.92	49.15	32.77
250.0	1007.79	698.50	459.94	300.50	198.20	129.87	81.12	49.55	31.97
255.0	983.42	674.53	443.56	297.30	193.81	129.07	79.12	47.55	31.17
260.0	948.65	656.14	435.16	286.51	190.21	125.07	78.32	47.95	31.17
265.0	918.28	632.57	423.58	280.92	185.81	123.48	75.52	47.15	31.57
270.0	893.51	614.98	408.79	268.93	180.22	119.08	73.53	46.75	30.77
275.0	861.14	587.81	396.40	252.55	167.03	111.49	70.33	43.56	29.97
280.0	797.20	557.84	375.62	241.76	160.24	105.89	66.33	41.96	28.77
285.0	786.81	542.26	352.85	225.77	149.45	99.50	61.94	39.16	28.77

Intensity data(cd)

C/γ(°)	22.5	25.0	27.5	30.0	32.5	35.0	37.5	40.0	42.5
290.0	755.64	507.89	328.07	212.19	137.06	93.11	55.94	37.56	27.17
295.0	714.49	467.53	306.09	196.20	129.07	85.11	52.75	35.56	26.37
300.0	676.52	444.75	285.71	181.82	121.08	77.52	49.15	33.57	24.78
305.0	646.95	417.58	260.94	171.43	113.49	74.73	45.55	32.37	23.98
310.0	624.18	397.60	243.36	160.24	106.29	69.13	42.76	29.97	22.78
315.0	591.01	376.42	229.37	152.25	101.10	62.34	39.96	28.37	21.18
320.0	554.65	347.25	214.19	141.86	92.71	55.14	37.16	26.37	19.98
325.0	522.68	321.28	198.60	133.87	84.72	49.55	33.57	24.78	17.98
330.0	475.12	291.71	179.02	123.08	77.92	45.15	30.77	22.78	17.18
335.0	424.38	264.54	168.23	111.09	67.13	41.16	28.77	21.58	16.38
340.0	384.42	238.16	154.25	101.50	60.74	37.96	27.17	20.38	15.18
345.0	355.24	213.79	143.46	91.91	55.14	34.37	25.57	19.18	14.39
350.0	327.27	198.60	131.87	84.72	48.75	31.97	23.98	18.78	13.99
355.0	299.70	187.81	119.08	73.93	43.96	30.37	23.18	17.98	13.19
360.0	272.13	170.63	108.29	67.93	39.16	28.77	21.98	16.78	12.79

C/γ(°)	45.0	47.5	50.0	52.5	55.0	57.5	60.0	62.5	65.0
0.0	8.79	5.99	5.19	4.00	2.40	1.60	1.20	0.80	0.40
5.0	8.39	5.99	5.19	4.00	2.40	1.60	1.20	0.80	0.00
10.0	7.99	6.39	5.59	4.00	2.40	2.00	1.20	0.80	0.00
15.0	7.19	6.39	5.59	3.60	2.40	2.00	1.60	0.80	0.00
20.0	6.79	5.59	4.80	3.60	2.40	2.00	1.60	0.40	0.00
25.0	5.99	5.59	4.40	3.20	2.00	2.00	1.20	0.40	0.00
30.0	5.59	5.19	4.00	2.80	2.00	1.60	1.20	0.40	0.00
35.0	5.59	4.80	4.00	2.80	2.00	1.60	1.20	0.00	0.00
40.0	5.59	4.80	4.00	2.40	2.00	1.20	0.80	0.00	0.00
45.0	5.59	5.19	4.00	2.40	1.60	1.20	0.80	0.00	0.00
50.0	5.59	5.19	4.00	2.40	1.60	1.20	0.40	0.00	0.00
55.0	5.99	5.19	4.00	2.40	1.60	1.20	0.40	0.00	0.00
60.0	5.59	5.19	4.00	2.40	1.60	1.20	0.40	0.00	0.00
65.0	5.59	4.80	3.60	2.00	1.60	1.20	0.40	0.00	0.00
70.0	5.59	4.80	3.60	2.00	1.60	1.20	0.40	0.00	0.00
75.0	5.59	4.80	3.60	2.00	1.60	1.20	0.40	0.00	0.00
80.0	5.59	4.80	3.60	2.00	1.60	1.20	0.40	0.00	0.00
85.0	5.59	4.40	3.60	2.00	1.60	1.20	0.40	0.00	0.00
90.0	5.59	4.40	3.60	2.00	1.60	1.20	0.40	0.00	0.00
95.0	5.59	4.40	3.60	2.00	1.60	1.20	0.40	0.00	0.00
100.0	5.99	4.80	3.60	2.00	1.60	1.20	0.80	0.00	0.00
105.0	6.39	4.80	3.60	2.40	1.60	1.20	0.80	0.00	0.00
110.0	6.79	5.19	4.00	2.40	1.60	1.20	0.80	0.00	0.00
115.0	7.19	5.99	4.40	2.80	2.00	1.60	0.80	0.40	0.00
120.0	7.59	5.99	4.80	3.20	2.00	1.60	1.20	0.40	0.00
125.0	7.59	5.99	4.80	3.20	2.00	1.60	1.20	0.40	0.00
130.0	7.59	5.99	4.80	3.20	2.00	1.60	1.20	0.40	0.00
135.0	7.59	5.59	4.40	3.20	2.00	1.60	1.20	0.80	0.00
140.0	7.99	5.59	4.40	3.60	2.40	2.00	1.60	0.80	0.00
145.0	8.39	5.99	4.40	3.60	2.40	2.00	1.60	1.20	0.40
150.0	8.79	5.99	4.80	3.60	2.80	2.00	2.00	1.20	0.40
155.0	9.59	6.39	4.80	4.00	3.20	2.40	2.00	1.60	0.40
160.0	10.79	6.79	4.80	4.00	3.20	2.40	2.00	1.60	0.80
165.0	11.19	7.19	5.19	4.40	3.20	2.40	2.00	1.20	0.80
170.0	12.39	7.59	5.19	4.00	3.20	2.40	2.00	1.20	0.80
175.0	13.59	8.39	5.19	4.40	3.60	2.40	2.00	1.20	0.80
180.0	15.18	9.19	5.19	4.40	3.60	2.80	2.00	1.60	0.80
185.0	16.38	9.99	5.59	4.40	3.60	2.80	2.00	1.60	0.80
190.0	17.18	10.79	6.39	4.40	3.60	2.80	2.00	1.60	1.20
195.0	17.98	11.19	6.39	4.40	3.60	2.80	2.00	1.60	1.20
200.0	18.78	12.39	7.19	4.40	4.00	3.20	2.40	1.60	1.20
205.0	20.38	13.59	7.99	4.80	4.00	3.20	2.40	2.00	1.20
210.0	21.18	14.39	8.79	5.19	4.40	3.60	2.40	2.00	1.60
215.0	21.98	15.18	9.99	5.59	4.40	3.60	2.40	2.00	1.60
220.0	22.78	15.58	10.39	5.99	4.80	3.60	2.80	2.00	1.60
225.0	23.58	16.38	10.79	6.39	4.80	3.60	2.80	2.00	1.60
230.0	23.98	17.18	11.19	6.79	4.80	3.60	2.80	2.00	1.60
235.0	23.98	17.18	11.99	7.19	4.80	3.60	2.80	2.00	1.60
240.0	23.58	17.18	11.59	7.19	4.80	3.60	2.80	2.00	1.60
245.0	22.78	16.78	11.59	7.59	4.40	3.60	2.80	2.00	1.60
250.0	22.78	16.78	11.59	7.59	4.40	3.60	2.80	2.00	1.60
255.0	22.78	16.38	11.59	7.59	4.40	3.60	2.80	2.00	2.00
260.0	22.38	16.38	11.59	7.59	4.40	3.60	2.80	2.00	2.00
265.0	22.38	16.78	11.59	7.59	4.40	3.60	2.80	2.00	2.00
270.0	21.98	16.38	11.19	7.59	4.80	3.60	2.80	2.00	2.00
275.0	21.98	15.58	11.19	7.59	4.80	3.60	2.80	2.00	1.60
280.0	21.58	15.98	11.19	7.59	4.80	3.60	2.80	2.00	1.60
285.0	21.18	15.58	11.19	7.59	4.80	3.60	2.40	2.00	1.60

Intensity data(cd) Page: 12 Total:16

C/γ(°)	45.0	47.5	50.0	52.5	55.0	57.5	60.0	62.5	65.0
290.0	20.78	15.18	11.19	7.19	4.80	3.60	2.40	2.00	1.60
295.0	19.58	14.79	10.39	6.79	4.80	3.60	2.40	2.00	1.60
300.0	18.38	13.59	9.99	6.39	4.40	3.20	2.40	1.60	1.60
305.0	17.18	12.79	9.19	5.59	4.00	3.20	2.00	1.60	1.20
310.0	16.38	11.59	8.39	5.19	4.00	2.80	2.00	1.60	1.20
315.0	15.58	10.79	7.59	4.80	4.00	2.80	2.00	1.60	1.20
320.0	14.79	10.39	6.79	4.80	3.60	2.40	2.00	1.60	0.80
325.0	13.59	9.59	6.39	4.40	3.20	2.40	1.60	1.20	0.80
330.0	12.39	8.79	5.59	4.00	3.20	2.00	1.60	1.20	0.80
335.0	11.59	7.99	4.80	4.00	2.80	2.00	1.60	1.20	0.80
340.0	10.79	7.59	4.80	4.00	2.80	2.00	1.60	1.20	0.40
345.0	10.39	7.19	4.80	4.00	2.80	2.00	1.60	0.80	0.40
350.0	10.39	6.39	4.80	4.00	2.80	2.00	1.20	0.80	0.40
355.0	9.59	5.99	4.80	4.00	2.40	1.60	1.20	0.80	0.00
360.0	8.79	5.99	5.19	4.00	2.40	1.60	1.20	0.80	0.40

Intensity data(cd)

C/γ(°)	67.5	70.0	72.5	75.0	77.5	80.0	82.5	85.0	87.5
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175.0	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
185.0	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190.0	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
195.0	0.80	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.0	0.80	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
205.0	0.80	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
210.0	0.80	0.40	0.40	0.00	0.00	0.00	0.00	0.00	0.00
215.0	0.80	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
220.0	1.20	0.40	0.40	0.00	0.00	0.00	0.00	0.00	0.00
225.0	1.20	0.40	0.40	0.00	0.00	0.00	0.00	0.00	0.00
230.0	1.20	0.40	0.40	0.00	0.00	0.00	0.00	0.00	0.00
235.0	1.20	0.40	0.40	0.00	0.00	0.00	0.00	0.00	0.00
240.0	1.20	0.40	0.40	0.00	0.00	0.00	0.00	0.00	0.00
245.0	1.20	0.40	0.40	0.00	0.00	0.00	0.00	0.00	0.00
250.0	1.20	0.40	0.40	0.00	0.00	0.00	0.00	0.00	0.00
255.0	1.60	0.80	0.40	0.00	0.00	0.00	0.00	0.00	0.00
260.0	1.60	0.80	0.40	0.00	0.00	0.00	0.00	0.00	0.00
265.0	1.60	0.40	0.40	0.40	0.00	0.00	0.00	0.00	0.00
270.0	1.60	0.40	0.40	0.00	0.00	0.00	0.00	0.00	0.00
275.0	1.20	0.40	0.40	0.00	0.00	0.00	0.00	0.00	0.00
280.0	1.20	0.40	0.40	0.00	0.00	0.00	0.00	0.00	0.00
285.0	1.20	0.40	0.40	0.00	0.00	0.00	0.00	0.00	0.00

Intensity data(cd)

C/γ(°)	67.5	70.0	72.5	75.0	77.5	80.0	82.5	85.0	87.5
290.0	1.20	0.40	0.40	0.00	0.00	0.00	0.00	0.00	0.00
295.0	0.80	0.40	0.40	0.00	0.00	0.00	0.00	0.00	0.00
300.0	0.80	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
305.0	0.80	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
310.0	0.40	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
315.0	0.40	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
320.0	0.40	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
325.0	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
330.0	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
335.0	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
340.0	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
345.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
350.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
355.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Intensity data(cd)

C/γ(°)	90.0
0.0	0.00
5.0	0.00
10.0	0.00
15.0	0.00
20.0	0.00
25.0	0.00
30.0	0.00
35.0	0.00
40.0	0.00
45.0	0.00
50.0	0.00
55.0	0.00
60.0	0.00
65.0	0.00
70.0	0.00
75.0	0.00
80.0	0.00
85.0	0.00
90.0	0.00
95.0	0.00
100.0	0.00
105.0	0.00
110.0	0.00
115.0	0.00
120.0	0.00
125.0	0.00
130.0	0.00
135.0	0.00
140.0	0.00
145.0	0.00
150.0	0.00
155.0	0.00
160.0	0.00
165.0	0.00
170.0	0.00
175.0	0.00
180.0	0.00
185.0	0.00
190.0	0.00
195.0	0.00
200.0	0.00
205.0	0.00
210.0	0.00
215.0	0.00
220.0	0.00
225.0	0.00
230.0	0.00
235.0	0.00
240.0	0.00
245.0	0.00
250.0	0.00
255.0	0.00
260.0	0.00
265.0	0.00
270.0	0.00
275.0	0.00
280.0	0.00
285.0	0.00

Intensity data(cd)

C/γ(°)	90.0
290.0	0.00
295.0	0.00
300.0	0.00
305.0	0.00
310.0	0.00
315.0	0.00
320.0	0.00
325.0	0.00
330.0	0.00
335.0	0.00
340.0	0.00
345.0	0.00
350.0	0.00
355.0	0.00
360.0	0.00