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## 十方光電科技有限公司

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燈具名稱: LED杯燈	
燈具描述: C08-C01S	
報告編號: 18-0555-20	電壓(V): 220.0300
測試編號: 18-0555-20	電流(A): 0.0910
光源規格型號: LED 8W	功率(W): 7.3930
每個光源光通量(lm)	功率因數: 0.3680
光源數量: 1	鎮流器型號: Ten Lighting/JY-LCP-826S-180
發光面長度(mm): 50	發光面寬度(mm): 50
測試模式: C	發光面高度(mm): 56

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## 光度結果

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燈具光通量(lm): 482.53  
燈具效能(lm/w): 65.27  
中心光強(cd): 807.618  
最大光強(cd): 807.618  
最大光強角度:  $C=0.0 \gamma=0.0$   
半峰邊角(50%Imax): [C0/180]Left=20.0 Right=17.3  
                                  [C90/270]Left=18.3 Right=20.6  
光束擴散角(10%Imax): [C0/180]Left=38.6 Right=36.7  
                                  [C90/270]Left=37.3 Right=39.1

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測試設備: GMS-2000  
環境溫度(°C): 24.6

測試日期: 2020/4/17  
環境濕度(%): 58.0%

測試人員: 廖苡汎  
測試距離(m): 20.03

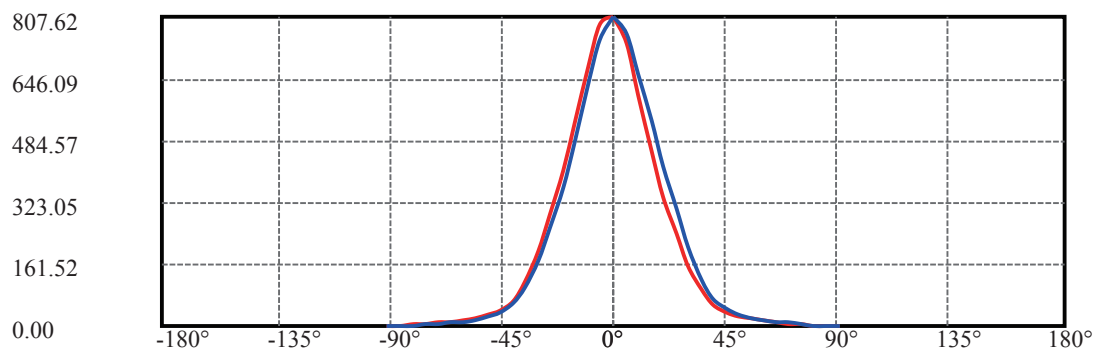
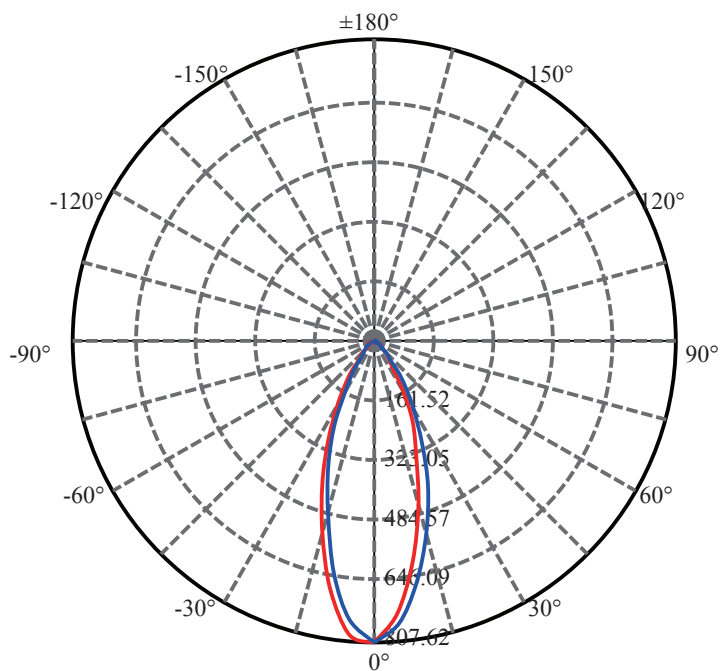
γ(°)	平均光強(cd)	環帶光通(lm)	累積光通(lm)	有效光通(%)	有效累計(%)
0.0	807.617	.000	.000	.000%	.000%
5.0	760.683	18.749	18.749	3.885%	3.885%
10.0	644.680	50.274	69.023	10.419%	14.304%
15.0	507.140	68.325	137.348	14.160%	28.464%
20.0	384.367	73.473	210.821	15.227%	43.691%
25.0	279.403	69.617	280.438	14.428%	58.119%
30.0	188.665	59.234	339.672	12.276%	70.394%
35.0	115.284	44.759	384.431	9.276%	79.670%
40.0	67.012	30.415	414.846	6.303%	85.973%
45.0	40.232	19.857	434.703	4.115%	90.089%
50.0	27.415	13.669	448.372	2.833%	92.922%
55.0	19.737	10.252	458.624	2.125%	95.046%
60.0	14.020	7.803	466.427	1.617%	96.663%
65.0	10.024	5.845	472.272	1.211%	97.875%
70.0	7.038	4.320	476.592	.895%	98.770%
75.0	4.391	2.987	479.580	.619%	99.389%
80.0	2.290	1.788	481.367	.370%	99.760%
85.0	.931	.875	482.242	.181%	99.941%
90.0	.111	.285	482.528	.059%	100.000%

ZONAL LUMEN SUMMARY

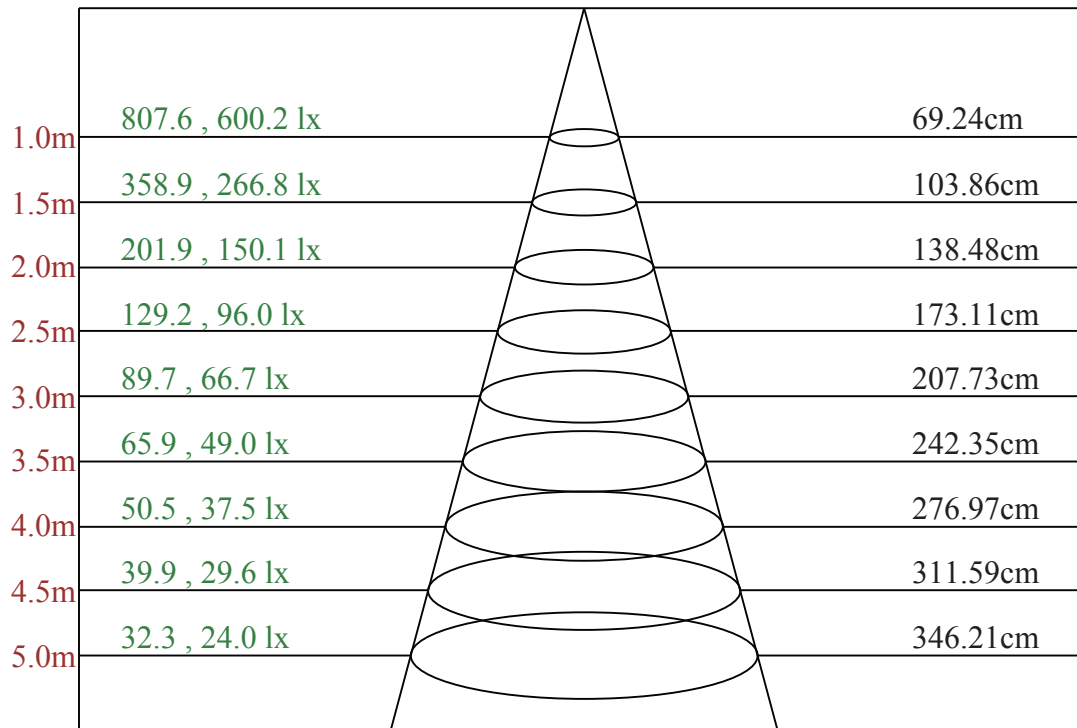
Zone	Lumens	%Fixt
0-30	339.67	70.39%
0-40	414.85	85.97%
0-60	466.43	96.66%
0-90	482.24	99.94%
0-120	482.24	99.94%
0-180	482.53	100.00%
60-90	23.62	4.89%
90-120	0.00	0.00%
90-130	0.00	0.00%
90-150	0.00	0.00%
90-180	0.00	0.00%
0-35.26	386.02	80.00%

ZONAL LUMEN SUMMARY

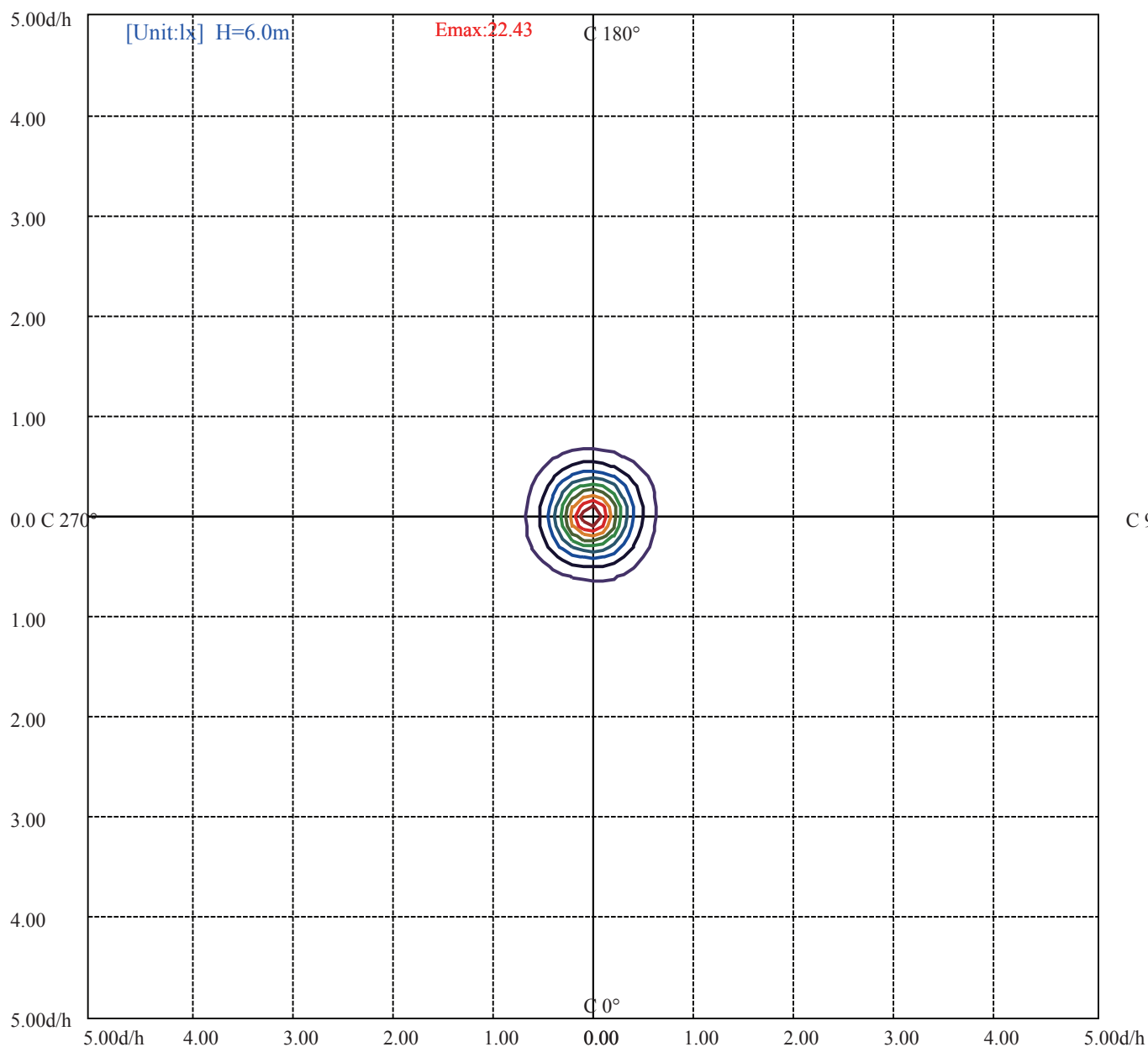
0-10	69.02
10-20	141.80
20-30	128.85
30-40	75.17
40-50	33.53
50-60	18.06
60-70	10.17
70-80	4.77
80-90	0.88
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



C0/C180: —  
C90/C270: —



Max , Ave C0面光束角38.17



- (10%Emax) 2.243378
- (20%Emax) 4.48675
- (30%Emax) 6.730139
- (40%Emax) 8.973499
- (50%Emax) 11.21689
- (60%Emax) 13.46028
- (70%Emax) 15.70364
- (80%Emax) 17.94703
- (90%Emax) 20.19039

光強數據表(cd)

C/γ(°)	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0
0.0	807.62	735.00	602.20	457.77	338.21	238.31	153.66	93.08	56.17
5.0	807.62	734.60	605.81	462.99	340.62	241.92	156.47	95.49	56.97
10.0	807.62	734.20	607.02	465.79	346.64	245.13	160.88	98.29	58.58
15.0	807.62	738.61	612.63	469.00	353.06	251.15	166.10	103.11	60.18
20.0	807.62	738.21	614.64	475.42	357.87	255.97	171.71	108.32	62.59
25.0	807.62	743.43	617.85	481.84	364.29	263.19	180.54	114.34	65.40
30.0	807.62	747.84	622.66	490.27	370.31	272.01	187.76	118.76	67.80
35.0	807.62	747.84	627.88	495.48	377.13	276.83	190.57	122.37	69.41
40.0	807.62	752.65	630.29	501.90	382.34	282.04	194.58	124.77	71.41
45.0	807.62	753.46	635.10	506.32	387.56	285.25	195.79	125.98	72.62
50.0	807.62	757.87	637.11	512.33	392.78	288.46	197.79	125.17	72.22
55.0	807.62	755.46	640.32	517.15	399.19	290.07	196.59	123.17	70.61
60.0	807.62	757.47	643.93	520.76	402.81	292.07	194.58	119.16	70.21
65.0	807.62	758.27	643.53	523.17	403.61	292.07	194.58	116.75	69.01
70.0	807.62	758.67	645.93	526.38	405.61	294.88	195.79	117.15	68.61
75.0	807.62	758.67	647.94	529.59	408.82	296.49	198.59	117.95	69.01
80.0	807.62	759.87	650.75	534.00	411.23	298.49	199.80	119.56	69.41
85.0	807.62	760.68	653.56	535.20	412.43	302.10	201.80	120.76	70.21
90.0	807.62	761.48	655.56	537.21	416.05	305.31	203.81	121.97	71.81
95.0	807.62	761.48	655.56	538.81	416.05	308.52	206.62	125.17	73.42
100.0	807.62	761.08	657.57	540.82	419.25	309.73	210.63	129.59	75.83
105.0	807.62	761.88	658.77	541.22	420.46	314.94	213.04	134.40	78.64
110.0	807.62	762.28	658.77	544.03	424.47	316.55	217.05	139.22	80.64
115.0	807.62	765.49	661.98	544.43	422.87	316.55	219.86	142.03	82.25
120.0	807.62	766.70	662.38	542.42	421.26	317.75	221.86	143.23	82.65
125.0	807.62	769.50	666.39	542.02	423.67	317.35	221.46	143.23	84.25
130.0	807.62	769.90	666.80	542.42	421.26	316.15	220.26	142.83	83.85
135.0	807.62	772.31	671.21	542.82	418.85	314.14	217.45	140.02	81.84
140.0	807.62	775.12	672.41	541.62	417.25	310.53	213.04	134.80	79.04
145.0	807.62	775.12	672.41	542.42	414.44	308.12	209.03	129.59	75.83
150.0	807.62	777.13	674.42	542.82	412.03	304.11	205.01	125.17	73.42
155.0	807.62	777.53	675.22	539.62	406.82	300.10	203.01	121.56	71.01
160.0	807.62	781.94	679.23	536.81	405.21	298.49	200.20	119.56	69.41
165.0	807.62	784.75	680.44	538.81	406.02	296.49	197.39	117.15	67.80
170.0	807.62	784.75	678.83	534.80	405.21	295.28	196.59	115.14	66.60
175.0	807.62	784.35	676.83	535.20	404.01	293.68	195.38	113.94	66.60
180.0	807.62	787.56	676.42	533.20	404.81	292.88	194.58	114.74	67.00
185.0	807.62	785.55	681.64	534.80	404.81	294.88	195.79	116.35	68.20
190.0	807.62	788.36	683.25	534.80	405.61	295.69	197.39	120.36	69.81
195.0	807.62	789.96	683.25	533.20	406.42	297.69	199.80	124.37	71.81
200.0	807.62	791.17	682.84	534.80	406.42	297.69	202.21	126.38	73.02
205.0	807.62	789.56	681.64	535.60	408.42	298.09	203.41	128.38	74.62
210.0	807.62	792.77	681.64	532.79	405.61	297.29	203.41	129.99	74.62
215.0	807.62	789.96	678.43	530.79	408.02	296.49	204.21	129.59	74.22
220.0	807.62	785.95	679.63	530.39	404.41	295.69	201.40	127.98	73.02
225.0	807.62	779.93	672.41	525.97	402.00	292.07	197.39	123.17	71.41
230.0	807.62	775.92	668.40	522.36	399.19	286.86	192.58	117.95	69.41
235.0	807.62	773.92	663.99	521.16	393.58	280.44	185.76	112.74	66.60
240.0	807.62	771.11	658.77	515.94	385.15	275.63	180.14	108.73	64.59
245.0	807.62	769.90	656.77	511.13	381.94	271.21	176.93	105.52	62.59
250.0	807.62	767.10	650.35	503.91	373.92	265.60	174.92	103.91	60.98
255.0	807.62	762.68	641.12	497.89	370.31	261.18	173.32	102.31	59.38
260.0	807.62	757.07	638.31	492.67	367.10	257.97	173.32	99.50	58.98
265.0	807.62	752.65	630.69	487.86	363.49	256.77	170.51	98.29	59.38
270.0	807.62	749.04	630.29	483.45	361.08	254.76	169.31	99.10	59.78
275.0	807.62	746.23	627.88	480.64	356.67	253.16	172.12	101.10	59.78
280.0	807.62	746.63	624.67	477.83	356.27	254.76	175.73	102.31	58.98
285.0	807.62	747.04	624.27	476.23	357.07	256.37	179.34	105.11	58.17

光強數據表(cd)

C/γ(°)	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0
290.0	807.62	747.84	622.66	476.63	355.87	258.37	181.34	105.52	58.58
295.0	807.62	748.64	623.87	474.62	355.06	258.37	181.74	105.11	58.17
300.0	807.62	748.64	619.45	473.42	355.46	257.57	180.94	105.11	58.17
305.0	807.62	748.64	617.05	469.81	353.06	257.57	179.34	105.11	58.17
310.0	807.62	744.63	613.84	466.60	350.65	255.57	177.33	106.32	58.58
315.0	807.62	743.83	611.03	463.39	347.44	253.96	175.32	105.92	58.58
320.0	807.62	740.62	610.63	462.99	347.04	250.35	171.31	104.71	58.58
325.0	807.62	740.22	607.42	459.78	343.43	247.94	168.10	101.10	58.17
330.0	807.62	740.22	608.22	458.97	339.01	244.73	162.49	97.89	57.37
335.0	807.62	736.60	604.21	457.77	337.81	241.12	157.27	94.68	56.57
340.0	807.62	737.01	601.40	456.17	335.00	239.12	154.86	92.68	56.17
345.0	807.62	736.60	597.39	453.36	334.60	236.71	154.46	92.28	55.37
350.0	807.62	734.20	598.19	453.76	334.20	235.50	153.66	91.47	55.37
355.0	807.62	735.80	601.00	455.76	333.80	236.71	152.86	91.88	55.37
360.0	807.62	735.00	602.20	457.77	338.21	238.31	153.66	93.08	56.17

光強數據表(cd)

C/γ(°)	45.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0
0.0	35.31	25.28	18.46	12.84	9.63	6.82	4.01	2.01	0.80
5.0	35.71	25.28	18.46	13.24	9.63	6.82	4.01	2.01	0.80
10.0	36.11	25.28	18.46	13.24	10.03	7.22	4.41	2.01	0.80
15.0	36.91	25.68	18.46	13.64	10.03	7.22	4.41	2.41	0.80
20.0	37.71	26.08	18.86	13.64	10.43	7.22	4.41	2.41	0.80
25.0	38.52	26.48	18.86	14.04	10.43	7.62	4.41	2.41	0.80
30.0	39.72	26.88	19.26	14.04	10.43	7.62	4.41	2.41	0.80
35.0	40.52	27.28	19.66	14.44	10.83	7.62	4.41	2.41	0.80
40.0	40.92	27.28	19.66	14.44	10.83	7.62	4.41	2.41	0.80
45.0	41.32	27.28	19.66	14.44	10.83	7.62	4.41	2.01	0.80
50.0	41.72	27.28	19.66	14.44	10.43	7.22	4.41	2.01	0.80
55.0	41.32	27.28	19.66	14.44	10.43	7.22	4.41	2.01	0.80
60.0	41.32	27.28	20.06	14.44	10.83	7.22	4.41	2.01	0.80
65.0	41.32	27.28	20.06	14.84	10.83	7.22	4.41	2.01	0.80
70.0	41.72	27.68	20.46	14.84	10.83	7.22	4.41	2.41	0.80
75.0	41.72	28.08	20.46	14.84	10.83	7.22	4.41	2.41	0.80
80.0	42.13	28.08	20.86	15.25	10.83	7.62	4.41	2.41	0.80
85.0	42.93	28.49	21.26	15.25	10.83	7.62	4.41	2.41	0.80
90.0	43.33	28.89	21.66	15.65	11.23	7.62	4.41	2.41	0.80
95.0	43.73	29.29	21.66	15.65	11.23	7.62	4.41	2.41	0.80
100.0	44.93	29.29	21.66	15.65	11.23	7.62	4.81	2.41	0.80
105.0	45.34	30.09	22.07	16.05	11.23	7.62	4.81	2.41	0.80
110.0	46.54	30.49	22.47	16.45	11.23	8.02	4.81	2.41	0.80
115.0	46.94	30.89	22.87	16.45	11.23	8.02	4.81	2.41	0.80
120.0	47.74	30.89	22.87	16.45	11.63	8.02	4.81	2.41	0.80
125.0	47.74	31.29	22.87	16.45	11.63	8.02	4.81	2.41	0.80
130.0	47.74	31.29	22.87	16.45	11.63	8.02	4.81	2.41	0.80
135.0	46.94	30.89	22.87	16.05	11.23	8.02	4.81	2.41	0.80
140.0	46.54	30.49	22.47	16.05	11.23	8.02	4.81	2.41	0.80
145.0	45.34	30.49	22.47	16.05	11.23	7.62	4.81	2.41	0.80
150.0	44.53	29.69	22.07	15.65	11.23	7.62	4.81	2.41	1.20
155.0	43.33	29.29	22.07	15.65	11.23	7.62	4.81	2.41	1.20
160.0	42.53	29.29	21.66	15.65	10.83	7.62	4.81	2.41	1.20
165.0	42.13	28.89	21.26	15.65	10.83	7.62	5.22	2.41	1.20
170.0	41.72	28.89	21.26	15.25	10.83	7.62	5.22	2.81	1.20
175.0	41.32	28.89	21.26	15.25	10.43	7.62	5.22	2.81	1.20
180.0	41.32	28.89	21.26	15.25	10.43	7.62	5.22	2.81	1.20
185.0	41.72	28.89	21.26	15.25	10.43	7.62	5.22	2.81	1.20
190.0	42.13	29.29	20.86	15.25	10.43	7.62	5.22	2.81	1.20
195.0	42.53	29.29	20.86	15.25	10.43	7.62	5.22	2.81	1.20
200.0	42.93	29.29	20.86	15.25	10.43	7.62	5.22	2.81	1.60
205.0	43.33	29.69	20.86	14.84	10.43	7.62	5.22	2.81	1.60
210.0	43.73	29.69	20.86	14.84	10.43	7.62	5.22	2.81	1.60
215.0	43.33	29.69	20.86	14.44	10.03	7.22	4.81	2.81	1.20
220.0	43.33	29.29	20.86	14.44	10.03	7.22	4.81	2.81	1.20
225.0	42.93	29.29	20.46	14.04	9.63	6.82	4.81	2.41	1.20
230.0	42.13	28.89	20.06	13.64	9.63	6.82	4.41	2.41	1.20
235.0	40.92	28.89	19.26	13.24	9.23	6.42	4.41	2.41	1.20
240.0	39.72	28.08	18.86	13.24	9.23	6.42	4.01	2.01	1.20
245.0	38.92	26.88	18.46	12.84	8.83	6.42	4.01	2.01	1.20
250.0	38.52	26.08	18.05	12.44	8.83	6.42	4.01	2.01	0.80
255.0	38.11	25.28	17.65	12.04	8.83	6.02	4.01	2.01	0.80
260.0	37.71	24.47	17.65	12.04	8.83	6.02	3.61	2.01	0.80
265.0	36.91	24.47	17.25	11.63	8.83	6.02	3.61	2.01	0.80
270.0	36.11	24.07	16.85	11.63	8.83	6.02	3.61	2.01	0.80
275.0	34.90	24.07	16.85	11.63	8.83	6.02	3.61	2.01	0.80
280.0	34.50	24.07	16.85	11.63	8.43	6.02	3.61	2.01	0.80
285.0	34.90	24.47	16.85	11.63	8.43	6.02	3.61	2.01	0.80

光強數據表(cd)

C/γ(°)	45.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0
290.0	34.90	24.47	16.85	12.04	8.43	6.02	3.61	2.01	0.80
295.0	34.50	24.47	17.25	12.04	8.43	6.02	3.61	2.01	0.80
300.0	34.50	24.47	17.25	12.04	8.43	6.02	3.61	2.01	0.80
305.0	34.90	24.87	17.65	12.04	8.43	6.02	3.61	2.01	0.80
310.0	34.90	24.87	17.65	12.04	8.43	6.02	3.61	2.01	0.80
315.0	35.31	24.87	17.65	12.04	8.43	6.02	3.61	2.01	0.80
320.0	35.31	25.28	17.65	12.04	8.43	6.02	3.61	2.01	0.80
325.0	35.71	24.87	17.65	12.04	8.83	6.02	3.61	2.01	0.80
330.0	35.31	24.87	17.65	12.04	8.83	6.02	4.01	2.01	0.80
335.0	35.31	24.87	17.65	12.04	8.83	6.02	4.01	2.01	0.80
340.0	34.90	24.87	17.65	12.04	8.83	6.02	4.01	2.01	0.80
345.0	34.90	24.87	18.05	12.44	8.83	6.42	4.01	2.01	0.80
350.0	34.90	24.87	18.05	12.44	9.23	6.42	4.01	2.01	0.80
355.0	35.31	24.87	18.05	12.84	9.63	6.42	4.01	2.01	0.80
360.0	35.31	25.28	18.46	12.84	9.63	6.82	4.01	2.01	0.80

光強數據表(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	0.40
170.0	0.40
175.0	0.40
180.0	0.40
185.0	0.40
190.0	0.40
195.0	0.40
200.0	0.40
205.0	0.40
210.0	0.40
215.0	0.40
220.0	0.40
225.0	0.40
230.0	0.40
235.0	0.40
240.0	0.40
245.0	0.40
250.0	0.40
255.0	0.40
260.0	0.40
265.0	0.00
270.0	0.00
275.0	0.00
280.0	0.00
285.0	0.00

光強數據表(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