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## 十方光電科技有限公司

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燈具名稱: LED嵌燈	
燈具描述: DA20-S16W	
報告編號: 18-0555-10	電壓(V): 220.0400
測試編號: 18-0555-10	電流(A): 0.2120
光源規格型號: LED	功率(W): 21.0400
每個光源光通量(lm)	功率因數: 0.4500
光源數量: 1	鎮流器型號: MW/APC-25-500
發光面長度(mm): 220	發光面寬度(mm): 220
測試模式: C	發光面高度(mm): 60

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## 光度結果

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燈具光通量(lm): 2498.39  
燈具效能(lm/w): 118.74  
中心光強(cd): 914.527  
最大光強(cd): 915.653  
最大光強角度: C=60.0  $\gamma$ =0.0  
半峰邊角(50%Imax): [C0/180]Left=54.9 Right=53.8  
                                  [C90/270]Left=54.3 Right=53.9  
光束擴散角(10%Imax): [C0/180]Left=78.0 Right=77.0  
                                  [C90/270]Left=80.8 Right=80.5

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測試設備: GMS-2000  
環境溫度(°C): 25.2

測試日期: 2018/11/20  
環境濕度(%): 60.0%

測試人員: 廖苡汎  
測試距離(m): 16.20

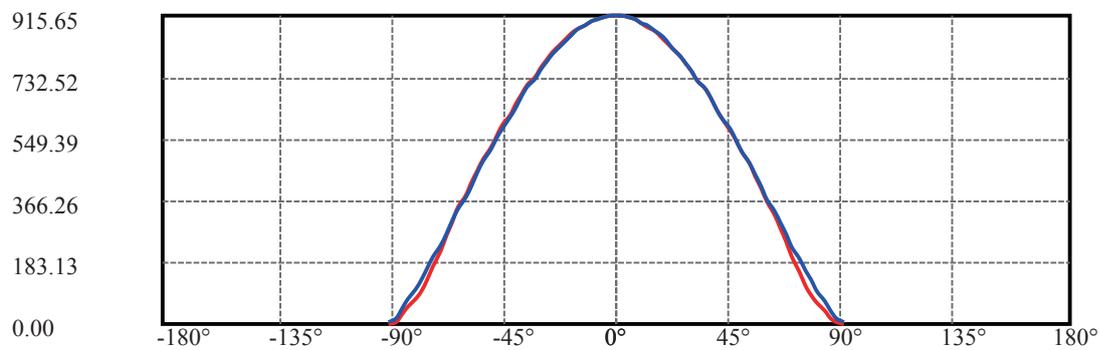
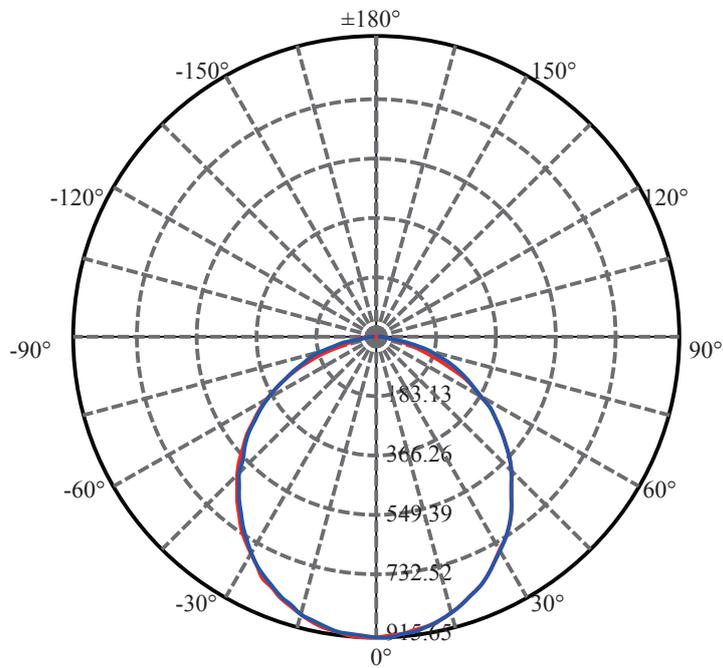
$\gamma(^{\circ})$	平均光強(cd)	環帶光通(lm)	累積光通(lm)	有效光通(%)	有效累計(%)
0.0	914.527	.000	.000	.000%	.000%
2.5	913.506	5.466	5.466	.219%	.219%
5.0	910.051	16.347	21.813	.654%	.873%
7.5	904.124	27.071	48.885	1.084%	1.957%
10.0	896.076	37.536	86.421	1.502%	3.459%
12.5	885.531	47.641	134.062	1.907%	5.366%
15.0	872.978	57.290	191.352	2.293%	7.659%
17.5	858.161	66.398	257.750	2.658%	10.317%
20.0	841.299	74.876	332.626	2.997%	13.314%
22.5	822.250	82.642	415.269	3.308%	16.621%
25.0	801.510	89.637	504.906	3.588%	20.209%
27.5	778.907	95.810	600.716	3.835%	24.044%
30.0	754.818	101.115	701.830	4.047%	28.091%
32.5	729.011	105.510	807.341	4.223%	32.314%
35.0	701.896	108.964	916.304	4.361%	36.676%
37.5	673.611	111.484	1027.788	4.462%	41.138%
40.0	644.075	113.049	1140.837	4.525%	45.663%
42.5	613.271	113.632	1254.469	4.548%	50.211%
45.0	581.640	113.258	1367.727	4.533%	54.744%
47.5	549.094	111.957	1479.683	4.481%	59.225%
50.0	515.480	109.707	1589.390	4.391%	63.616%
52.5	481.260	106.548	1695.938	4.265%	67.881%
55.0	446.724	102.577	1798.514	4.106%	71.987%
57.5	411.553	97.815	1896.330	3.915%	75.902%
60.0	375.643	92.244	1988.573	3.692%	79.594%
62.5	339.218	85.905	2074.479	3.438%	83.032%
65.0	302.506	78.888	2153.367	3.158%	86.190%
67.5	265.407	71.250	2224.616	2.852%	89.042%
70.0	227.958	63.026	2287.643	2.523%	91.565%
72.5	191.290	54.415	2342.058	2.178%	93.743%
75.0	156.279	45.737	2387.795	1.831%	95.573%
77.5	123.784	37.287	2425.082	1.492%	97.066%
80.0	93.523	29.213	2454.296	1.169%	98.235%
82.5	64.239	21.372	2475.668	.855%	99.090%
85.0	36.490	13.725	2489.393	.549%	99.640%
87.5	13.064	6.778	2496.170	.271%	99.911%
90.0	3.138	2.220	2498.390	.089%	100.000%

ZONAL LUMEN SUMMARY

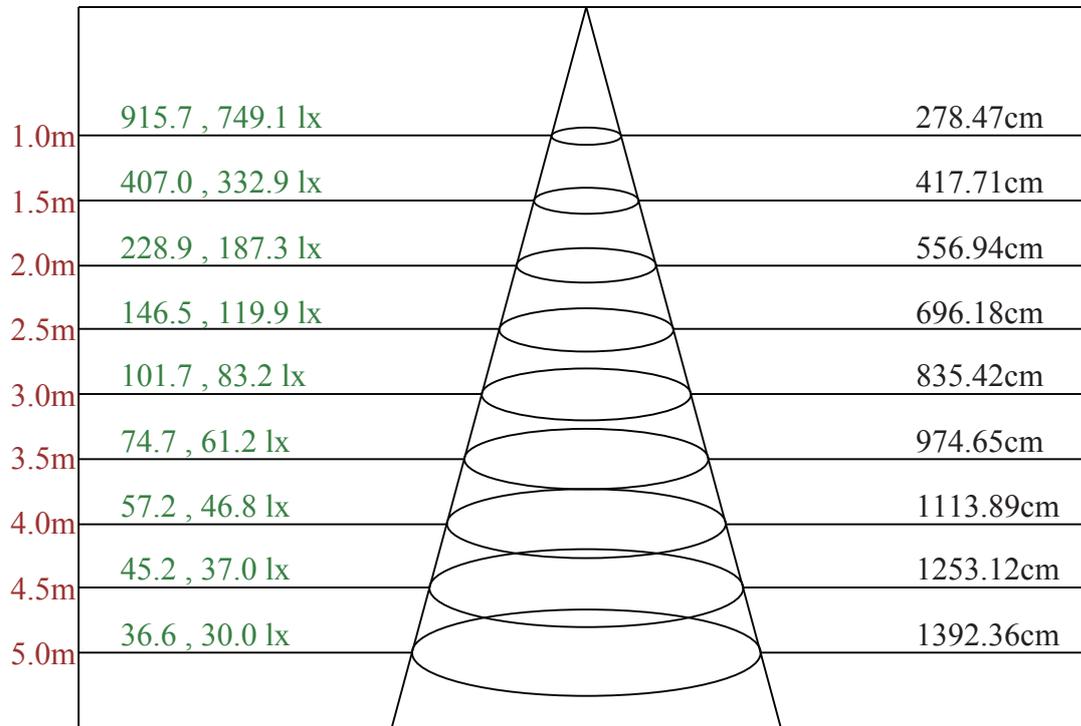
Zone	Lumens	%Fixt
0-30	701.83	28.09%
0-40	1140.84	45.66%
0-60	1988.57	79.59%
0-90	2496.17	99.91%
0-120	2496.17	99.91%
0-180	2498.39	100.00%
60-90	599.84	24.01%
90-120	0.00	0.00%
90-130	0.00	0.00%
90-150	0.00	0.00%
90-180	0.00	0.00%
0-60.30	1998.71	80.00%

ZONAL LUMEN SUMMARY

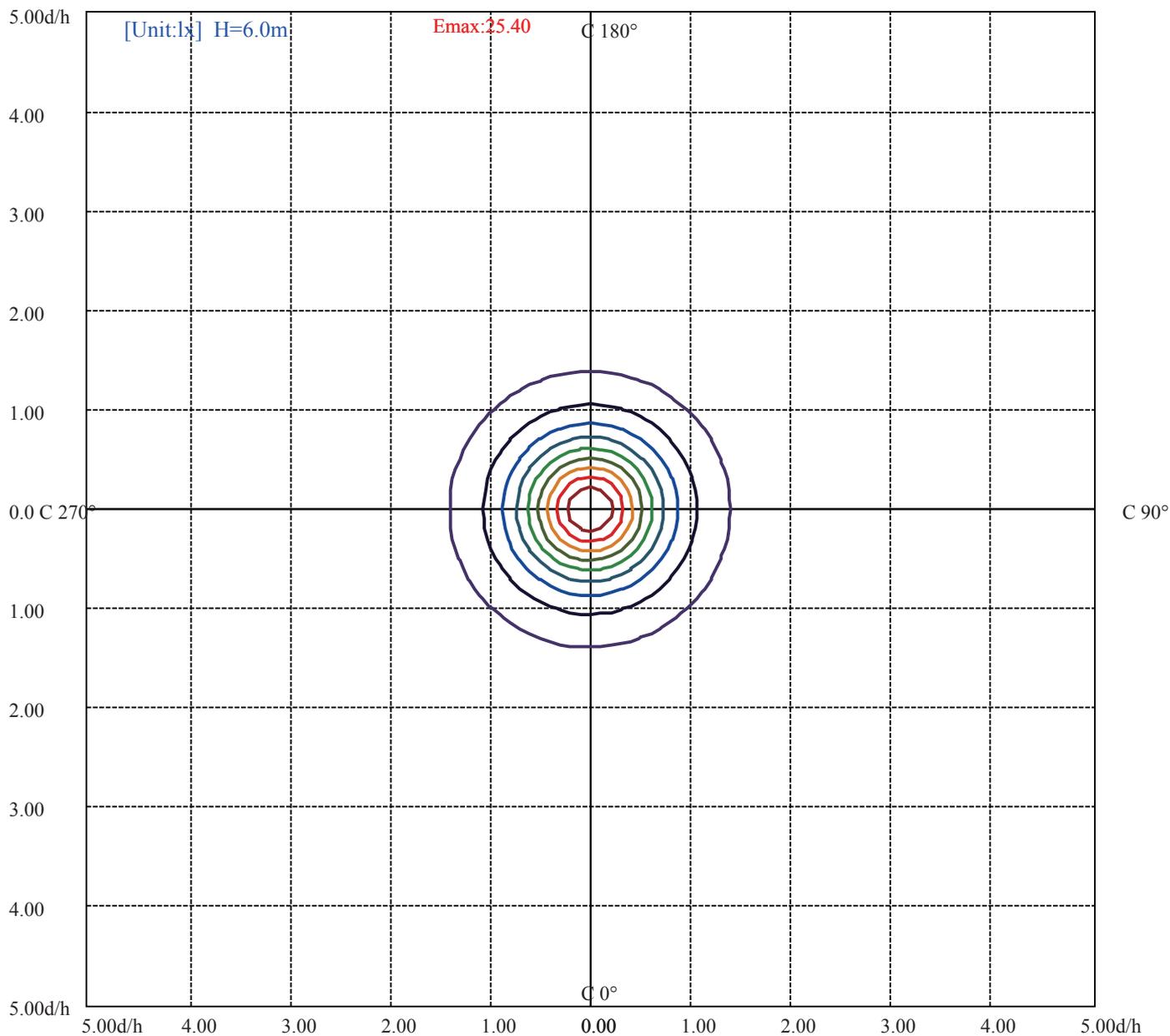
0-10	86.42
10-20	246.21
20-30	369.20
30-40	439.01
40-50	448.55
50-60	399.18
60-70	299.07
70-80	166.65
80-90	41.87
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



C0/C180: —  
C90/C270: —



Max , Ave C60面光束角108.62



(10%Emax) 2.540353	—
(20%Emax) 5.080694	—
(30%Emax) 7.621056	—
(40%Emax) 10.16142	—
(50%Emax) 12.70175	—
(60%Emax) 15.24211	—
(70%Emax) 17.78247	—
(80%Emax) 20.32281	—
(90%Emax) 22.86317	—

測試設備：GMS-2000  
 環境溫度(°C)：25.2

測試日期：2018/11/20  
 環境濕度(%)：60.0%

測試人員：廖苡汎  
 測試距離(m)：16.20

光強數據表(cd)

C/γ(°)	0.0	2.5	5.0	7.5	10.0	12.5	15.0	17.5	20.0
0.0	914.53	913.29	909.09	902.79	894.40	883.64	870.51	854.50	837.71
5.0	914.53	913.29	908.83	903.06	894.13	882.85	870.78	854.77	837.45
10.0	914.53	912.77	909.35	902.79	894.13	882.59	870.51	855.03	837.45
15.0	914.53	913.03	909.62	902.27	893.87	883.11	870.25	855.03	837.71
20.0	914.53	913.55	909.35	902.79	893.87	883.37	869.73	854.50	837.97
25.0	914.53	913.29	908.83	903.06	894.13	883.11	870.25	854.24	837.97
30.0	914.53	913.03	909.35	902.79	894.40	882.85	870.25	855.03	837.45
35.0	914.53	913.55	909.62	902.53	894.40	883.11	870.51	855.03	837.45
40.0	914.53	913.82	909.09	903.06	894.40	883.64	870.25	854.77	837.71
45.0	914.53	913.55	909.09	903.32	893.87	883.37	869.99	854.50	837.97
50.0	914.53	913.29	909.62	903.06	894.13	883.37	869.99	854.77	837.97
55.0	914.53	913.55	909.88	902.79	894.40	883.64	870.25	855.29	837.97
60.0	914.53	914.08	909.88	903.32	894.40	883.37	870.51	855.29	837.97
65.0	914.53	913.82	909.35	903.58	894.92	883.90	871.04	855.29	837.97
70.0	914.53	913.29	909.88	903.32	894.92	883.90	870.51	855.55	838.50
75.0	914.53	913.82	910.14	903.06	894.92	883.64	870.51	855.82	838.50
80.0	914.53	914.08	909.88	903.58	895.18	883.64	870.78	856.34	838.76
85.0	914.53	914.08	909.62	904.11	894.92	884.42	871.30	856.08	838.50
90.0	914.53	913.82	910.14	903.84	895.18	884.42	871.83	856.08	839.02
95.0	914.53	913.82	910.40	903.84	895.71	884.69	871.83	856.34	839.28
100.0	914.53	914.34	910.14	904.11	895.97	884.69	871.83	856.87	839.55
105.0	914.53	914.34	909.88	904.37	896.50	885.21	871.83	857.39	839.55
110.0	914.53	914.08	910.14	904.63	896.23	885.47	872.35	857.39	839.81
115.0	914.53	914.08	910.40	904.37	895.97	885.74	872.61	857.39	840.60
120.0	914.53	914.34	910.67	904.63	896.76	886.00	872.88	858.18	841.12
125.0	914.53	914.34	910.67	904.89	896.23	886.00	873.40	858.97	841.38
130.0	914.53	914.08	910.67	905.42	896.76	886.00	873.14	858.97	841.38
135.0	914.53	913.82	910.67	905.16	897.28	886.52	873.93	859.23	842.17
140.0	914.53	914.60	910.93	904.89	897.81	887.05	874.71	859.23	843.22
145.0	914.53	914.60	911.45	905.16	897.28	887.31	874.98	859.75	843.22
150.0	914.53	914.08	911.45	905.68	897.54	887.31	874.98	860.54	843.48
155.0	914.53	913.82	911.45	905.94	898.07	887.31	875.24	860.54	844.27
160.0	914.53	914.08	911.19	905.68	898.33	888.10	875.76	861.59	845.06
165.0	914.53	914.60	911.19	905.68	898.07	888.36	876.55	861.85	845.58
170.0	914.53	914.34	911.19	905.94	897.81	888.36	876.55	862.12	845.58
175.0	914.53	913.82	911.19	906.21	898.59	888.10	876.81	862.64	845.84
180.0	914.53	913.82	911.19	905.68	898.86	889.15	876.55	862.90	846.37
185.0	914.53	914.08	911.45	906.21	898.59	889.41	876.81	862.90	846.63
190.0	914.53	914.08	911.72	905.94	898.07	889.15	877.60	862.90	846.37
195.0	914.53	913.82	911.19	905.42	898.59	888.62	877.34	862.90	846.37
200.0	914.53	913.55	911.19	905.42	898.86	888.62	877.07	863.17	846.37
205.0	914.53	913.82	910.67	905.94	898.33	888.88	876.55	863.43	847.16
210.0	914.53	914.08	910.93	905.94	898.07	888.36	877.34	862.38	846.63
215.0	914.53	913.55	911.19	905.68	897.81	888.10	877.07	862.12	846.37
220.0	914.53	913.29	911.45	905.16	898.59	888.36	877.07	862.12	845.84
225.0	914.53	913.29	910.93	905.42	898.33	888.62	876.29	862.64	846.11
230.0	914.53	913.55	910.67	905.42	897.81	888.10	875.76	862.38	846.11
235.0	914.53	913.55	910.40	905.16	897.54	887.31	876.02	861.33	845.32
240.0	914.53	913.03	910.67	904.89	897.28	887.57	875.76	861.07	844.53
245.0	914.53	912.77	910.67	904.63	897.81	887.83	875.50	860.80	844.27
250.0	914.53	913.29	909.88	904.89	897.54	887.05	874.71	860.54	844.01
255.0	914.53	913.55	909.88	904.89	897.02	886.52	874.19	860.54	844.01
260.0	914.53	913.03	909.88	904.63	896.50	886.26	874.45	859.75	843.22
265.0	914.53	913.03	910.14	903.84	896.50	886.52	874.45	858.97	842.69
270.0	914.53	913.03	909.88	903.84	896.50	886.26	873.93	858.70	842.43
275.0	914.53	913.29	909.35	904.11	896.50	885.47	873.40	858.44	841.91
280.0	914.53	913.03	909.09	904.11	895.97	884.95	872.88	858.44	841.91
285.0	914.53	912.77	909.35	903.58	895.45	885.21	872.61	857.92	840.86

光強數據表(cd)

C/γ(°)	0.0	2.5	5.0	7.5	10.0	12.5	15.0	17.5	20.0
290.0	914.53	912.50	909.62	903.06	895.45	885.21	872.35	857.65	840.33
295.0	914.53	913.03	909.35	903.32	895.45	884.95	872.09	857.39	840.07
300.0	914.53	912.77	908.83	903.58	895.71	884.16	871.83	857.39	840.07
305.0	914.53	912.77	909.09	903.32	895.18	884.16	871.04	856.60	839.81
310.0	914.53	912.50	909.35	902.79	894.66	883.90	871.30	856.08	839.28
315.0	914.53	912.77	909.35	903.06	894.40	884.42	871.30	855.82	839.02
320.0	914.53	912.77	908.57	902.79	894.66	883.64	871.04	856.08	839.02
325.0	914.53	913.03	908.83	903.06	894.66	883.37	870.78	855.82	838.76
330.0	914.53	912.50	909.09	902.53	894.66	883.64	870.25	855.82	838.76
335.0	914.53	912.77	909.35	902.27	894.40	883.64	869.99	855.03	838.23
340.0	914.53	913.03	908.83	902.53	894.13	883.64	869.99	855.03	837.97
345.0	914.53	913.03	908.83	903.06	893.87	883.11	870.25	855.29	837.71
350.0	914.53	912.77	909.35	902.53	894.13	882.85	869.99	855.29	837.97
355.0	914.53	912.77	909.09	902.53	894.13	883.11	869.73	855.03	837.97
360.0	914.53	913.29	909.09	902.79	894.40	883.64	870.51	854.50	837.71

光強數據表(cd)

C/γ(°)	22.5	25.0	27.5	30.0	32.5	35.0	37.5	40.0	42.5
0.0	818.81	797.03	774.72	750.84	724.33	697.57	668.96	639.57	608.34
5.0	818.55	797.82	774.72	750.32	724.60	697.30	668.70	639.30	608.60
10.0	818.29	797.82	775.25	750.05	724.86	697.04	668.70	638.78	608.60
15.0	818.29	797.56	774.20	750.32	724.33	697.30	668.70	639.04	608.86
20.0	818.29	797.29	774.72	750.58	724.33	697.30	668.96	639.57	608.86
25.0	819.08	796.77	774.99	750.84	724.60	697.57	668.96	639.57	608.34
30.0	819.08	797.56	774.99	750.58	724.60	697.30	668.70	639.04	608.34
35.0	818.55	797.82	774.46	750.05	724.33	696.78	668.43	638.78	608.07
40.0	818.29	797.82	774.46	750.32	724.33	696.78	668.96	639.04	607.81
45.0	818.29	797.56	774.72	750.32	724.60	697.04	669.22	639.30	608.07
50.0	818.29	797.29	774.99	750.84	724.86	697.30	669.22	639.30	608.34
55.0	818.55	797.56	774.46	750.32	724.07	697.04	668.70	638.78	608.60
60.0	818.81	798.08	774.99	750.05	724.07	697.04	668.43	638.52	608.07
65.0	819.08	798.08	774.72	750.32	724.60	696.78	668.96	639.04	608.34
70.0	818.29	797.82	774.46	750.84	724.33	697.04	668.96	639.30	608.34
75.0	818.81	797.56	774.99	750.84	724.33	697.30	668.96	639.04	608.07
80.0	819.08	798.08	774.99	750.58	724.33	697.30	668.43	639.04	607.81
85.0	819.34	798.61	775.51	750.58	724.86	697.04	668.70	638.78	607.81
90.0	819.86	798.34	775.77	751.10	725.12	697.57	669.22	639.57	608.60
95.0	819.60	798.08	775.25	751.37	725.12	698.35	669.75	639.83	609.12
100.0	819.60	798.61	775.77	751.89	725.12	698.62	670.01	640.09	609.39
105.0	820.39	799.13	776.56	751.63	725.91	698.62	670.01	640.35	609.65
110.0	820.91	800.18	777.35	752.42	726.96	699.14	670.53	641.14	609.91
115.0	821.70	800.44	777.35	753.20	726.96	699.67	671.58	641.93	610.44
120.0	821.70	800.70	777.87	754.25	727.22	700.98	672.63	642.98	611.49
125.0	822.22	800.97	778.13	754.25	728.27	701.50	672.90	643.50	612.54
130.0	822.49	802.02	779.18	755.04	729.32	701.76	673.42	644.29	613.58
135.0	823.54	802.80	780.23	756.09	729.85	702.55	674.73	645.08	614.37
140.0	824.32	803.07	780.50	757.14	730.37	703.86	676.05	645.86	615.16
145.0	824.59	803.59	781.28	757.40	731.68	704.91	677.10	646.91	615.95
150.0	825.11	804.38	781.81	757.93	732.73	705.70	677.36	648.23	617.26
155.0	825.64	805.43	782.60	758.98	733.78	705.96	678.15	649.28	618.31
160.0	826.42	805.43	784.17	759.76	733.78	707.01	679.19	650.33	619.62
165.0	826.95	806.22	784.17	760.03	734.57	708.33	680.24	650.85	620.41
170.0	826.95	806.48	784.43	760.81	735.36	708.85	681.03	651.11	620.93
175.0	826.95	807.53	784.70	761.60	736.14	709.11	681.29	652.16	621.20
180.0	828.00	807.79	785.48	761.86	735.88	709.38	682.08	652.95	621.98
185.0	828.26	807.79	786.01	762.13	736.67	709.90	682.08	653.74	622.51
190.0	828.26	808.32	786.01	762.13	737.19	710.69	682.34	653.21	623.03
195.0	827.74	808.58	785.75	762.91	737.72	710.69	682.87	653.48	623.30
200.0	828.00	808.84	786.01	762.65	737.46	710.43	683.13	653.21	623.03
205.0	828.26	808.32	786.53	761.86	737.46	710.43	683.13	653.48	623.03
210.0	828.26	807.79	786.27	762.39	737.72	710.43	682.34	653.74	622.51
215.0	828.26	808.05	785.75	762.65	737.46	710.69	682.08	653.21	622.25
220.0	827.47	808.05	785.22	761.86	736.67	709.90	681.56	652.43	622.25
225.0	826.95	807.53	784.96	761.34	735.88	709.11	681.03	651.64	621.98
230.0	826.95	806.74	784.70	761.08	735.62	708.33	681.03	651.64	621.20
235.0	826.69	806.22	783.91	760.81	735.36	708.33	679.98	650.85	620.15
240.0	826.16	805.95	783.12	759.76	734.57	707.28	678.93	649.54	619.10
245.0	825.37	805.69	782.86	759.24	733.52	707.01	677.88	648.49	618.05
250.0	824.85	804.64	782.60	758.98	733.00	705.70	677.10	647.96	617.26
255.0	824.32	803.85	782.07	758.19	732.21	704.65	677.10	647.70	616.21
260.0	824.06	803.59	780.76	757.14	731.68	703.86	676.31	646.39	615.68
265.0	823.80	803.59	780.50	756.09	730.63	703.34	675.00	645.08	614.90
270.0	823.27	802.80	779.97	755.83	729.85	703.34	673.95	644.82	614.11
275.0	822.49	801.49	779.45	755.30	729.32	702.29	673.42	644.29	613.06
280.0	821.70	801.23	778.40	754.25	728.80	701.50	673.42	643.24	612.01
285.0	821.70	801.23	778.40	753.73	728.53	700.71	672.37	642.45	611.22

光強數據表(cd)

C/γ(°)	22.5	25.0	27.5	30.0	32.5	35.0	37.5	40.0	42.5
290.0	821.96	800.70	778.40	753.99	727.48	699.93	671.58	642.19	610.96
295.0	821.17	800.18	777.61	752.94	726.70	700.19	670.80	641.93	610.96
300.0	820.91	799.65	776.82	752.15	726.70	699.67	670.80	641.40	610.70
305.0	820.13	798.87	776.82	752.15	726.43	699.14	670.53	640.62	609.91
310.0	819.60	798.87	776.56	752.42	725.65	698.62	670.27	640.09	609.39
315.0	819.86	798.61	776.04	751.37	725.38	698.35	669.48	640.35	608.86
320.0	819.86	798.34	775.25	750.84	725.38	698.09	669.22	640.09	608.86
325.0	819.60	797.82	775.25	751.10	725.38	698.09	669.48	639.57	608.60
330.0	819.60	797.56	775.77	751.37	724.86	698.09	669.75	639.30	608.60
335.0	818.81	797.56	774.99	750.58	724.33	697.83	669.22	639.57	608.60
340.0	818.81	798.08	774.72	750.32	724.60	697.30	668.96	639.83	608.86
345.0	818.81	798.08	774.99	750.58	724.86	697.04	668.70	639.30	608.60
350.0	818.81	797.56	774.99	750.84	724.86	697.30	668.96	638.78	608.34
355.0	818.55	797.29	774.99	750.58	724.33	697.57	669.22	639.57	608.34
360.0	818.81	797.03	774.72	750.84	724.33	697.57	668.96	639.57	608.34

光強數據表(cd)

C/γ(°)	45.0	47.5	50.0	52.5	55.0	57.5	60.0	62.5	65.0
0.0	576.58	544.04	509.92	475.80	440.64	405.73	366.63	327.00	286.85
5.0	576.32	543.78	509.66	475.54	441.16	405.21	367.15	327.79	287.37
10.0	576.84	543.51	510.45	475.28	440.90	405.47	368.20	329.62	289.21
15.0	576.58	543.51	510.18	475.28	440.90	405.99	368.99	330.94	292.10
20.0	576.32	544.04	509.92	475.80	440.64	406.26	369.78	332.51	294.72
25.0	576.84	544.04	509.92	476.07	441.16	405.99	369.52	333.30	296.56
30.0	576.84	543.78	510.45	476.07	441.42	405.73	370.04	334.09	297.61
35.0	576.32	543.78	510.45	475.80	441.42	405.99	370.30	334.87	298.39
40.0	576.32	544.30	510.18	475.54	441.16	406.52	370.57	334.61	299.18
45.0	577.11	544.30	509.92	475.80	441.16	406.78	370.57	334.61	298.92
50.0	576.32	543.78	510.45	476.07	441.42	406.26	370.57	334.61	298.92
55.0	576.32	543.51	510.18	476.33	441.69	406.26	370.83	334.61	299.44
60.0	576.84	544.04	509.92	476.33	441.69	406.26	371.09	335.40	299.71
65.0	576.06	544.30	509.92	475.80	441.42	405.99	370.57	335.40	299.44
70.0	576.58	544.04	510.45	475.80	441.16	405.99	370.57	335.40	299.44
75.0	576.84	543.51	510.45	475.80	441.69	406.78	371.09	335.40	299.97
80.0	576.58	544.04	510.18	476.07	441.95	406.52	371.62	335.66	300.49
85.0	576.58	544.56	510.45	476.59	441.95	406.52	371.35	336.19	300.23
90.0	577.37	544.56	511.23	476.85	441.95	406.78	371.35	336.45	300.23
95.0	577.11	544.30	510.97	476.85	441.95	407.31	371.62	336.45	301.02
100.0	577.37	544.56	511.23	477.12	442.74	407.83	372.93	336.45	301.81
105.0	578.68	545.61	512.02	477.64	443.52	407.83	372.93	337.50	301.81
110.0	578.68	546.40	512.55	478.43	443.79	408.36	373.19	338.55	302.33
115.0	578.94	546.93	513.07	479.48	444.31	409.67	374.24	339.07	303.38
120.0	580.52	547.19	513.60	480.27	446.15	410.19	375.55	339.60	304.43
125.0	581.04	548.24	514.91	480.79	446.67	410.98	376.08	340.12	304.96
130.0	581.57	549.55	515.96	481.84	446.67	412.03	376.60	341.70	305.74
135.0	583.14	550.60	516.74	482.63	448.25	413.61	377.91	343.01	307.05
140.0	583.67	551.39	517.79	483.94	449.82	414.66	379.23	343.80	308.10
145.0	584.72	552.17	519.37	485.25	451.13	415.18	380.01	344.58	308.89
150.0	586.29	553.49	519.63	486.56	451.92	416.23	380.80	345.37	309.42
155.0	586.82	554.80	520.68	487.35	452.18	417.54	381.59	346.16	309.15
160.0	587.87	555.85	522.26	487.61	453.23	418.59	382.90	346.42	308.37
165.0	589.18	555.85	523.57	488.66	454.55	419.12	383.42	345.37	307.05
170.0	589.44	556.90	523.83	489.71	455.60	420.17	382.90	344.32	305.22
175.0	590.23	557.95	524.36	490.76	455.60	420.43	383.42	344.06	303.91
180.0	591.28	559.00	525.41	490.76	456.12	421.48	383.69	344.32	303.64
185.0	591.02	559.00	525.67	491.29	456.91	422.00	384.47	345.11	304.43
190.0	592.06	558.73	525.67	492.08	457.43	422.00	384.47	346.42	306.27
195.0	591.80	559.26	526.19	491.81	457.96	421.74	386.05	347.73	308.37
200.0	591.54	559.52	526.45	491.55	457.43	422.00	386.84	349.05	311.25
205.0	592.06	560.05	525.93	491.81	456.91	422.27	386.57	350.36	313.35
210.0	591.54	559.52	525.14	491.81	457.17	422.00	385.79	350.36	314.14
215.0	590.75	558.47	525.41	491.03	456.91	421.22	385.79	350.10	313.88
220.0	590.49	557.95	525.14	490.24	456.12	420.43	385.52	349.31	313.09
225.0	590.23	557.69	523.83	489.71	455.33	419.90	384.74	348.26	312.83
230.0	588.92	556.90	523.04	489.45	454.28	419.90	383.42	347.47	312.30
235.0	588.65	556.11	522.52	488.14	453.76	418.85	382.38	346.95	311.25
240.0	587.87	554.80	521.73	487.35	452.97	417.54	382.11	346.42	310.99
245.0	586.55	553.75	520.16	486.56	451.92	416.23	381.33	345.63	309.68
250.0	585.24	552.96	519.11	485.51	450.35	415.44	380.01	344.58	308.37
255.0	585.24	552.44	518.84	484.20	449.82	415.18	378.70	343.27	307.58
260.0	583.93	551.39	517.79	483.68	449.03	413.87	378.18	342.22	307.32
265.0	582.62	550.34	516.22	482.89	448.25	412.82	377.91	341.70	306.27
270.0	581.83	549.29	515.69	482.10	447.20	411.51	376.86	341.17	305.22
275.0	581.57	548.76	515.43	480.79	446.15	411.24	375.81	340.65	304.17
280.0	580.52	548.24	514.38	479.74	445.36	410.98	374.76	339.34	304.17
285.0	579.47	547.19	513.33	479.74	445.10	409.93	374.50	338.55	303.38

光強數據表(cd)

C/γ(°)	45.0	47.5	50.0	52.5	55.0	57.5	60.0	62.5	65.0
290.0	579.21	546.40	513.07	479.22	444.84	409.41	373.71	337.76	302.33
295.0	578.94	546.14	512.55	478.17	443.79	408.36	373.71	337.76	301.81
300.0	578.16	546.14	512.02	477.38	443.00	408.36	372.66	337.24	301.54
305.0	577.89	545.61	511.23	477.12	442.47	408.09	371.88	336.45	301.28
310.0	577.37	544.83	511.23	477.38	442.74	407.31	371.88	335.40	299.97
315.0	577.37	544.83	511.23	476.59	442.47	406.78	371.62	335.14	299.71
320.0	577.37	544.83	510.71	476.07	441.95	406.26	371.09	335.14	299.71
325.0	576.84	544.56	510.45	475.80	441.42	406.78	370.83	334.87	299.18
330.0	576.32	544.04	510.45	475.80	440.90	406.52	370.04	334.09	297.34
335.0	576.58	543.78	510.71	476.07	441.16	405.99	369.78	332.77	295.51
340.0	576.58	544.30	510.18	475.54	441.16	405.73	369.25	331.20	293.41
345.0	576.84	543.78	510.18	475.28	441.16	405.47	368.73	329.89	290.78
350.0	576.32	543.51	510.45	475.02	440.64	405.73	368.20	328.57	287.90
355.0	576.32	543.51	510.18	475.54	440.37	405.73	366.89	327.53	286.58
360.0	576.58	544.04	509.92	475.80	440.64	405.73	366.63	327.00	286.85

光強數據表(cd)

C/γ(°)	67.5	70.0	72.5	75.0	77.5	80.0	82.5	85.0	87.5
0.0	242.49	198.14	153.53	113.64	85.56	62.46	40.15	17.85	3.67
5.0	244.07	199.72	155.36	116.79	88.70	64.82	42.25	18.90	3.67
10.0	248.27	203.92	164.03	124.66	97.63	71.12	45.66	21.78	3.94
15.0	252.73	211.26	173.21	136.47	107.34	79.26	50.13	23.62	3.94
20.0	256.40	218.09	179.25	146.44	113.90	85.29	54.59	25.98	4.46
25.0	259.03	223.07	186.07	152.74	119.94	87.92	58.00	27.82	5.25
30.0	261.39	225.44	190.01	155.36	122.30	90.54	60.36	30.18	6.82
35.0	262.96	226.49	192.37	157.73	124.40	92.12	61.41	32.02	8.40
40.0	263.23	227.01	191.84	158.51	125.18	93.17	62.46	33.59	10.24
45.0	262.96	227.54	192.37	159.04	125.71	93.95	63.51	35.17	12.07
50.0	262.96	228.32	193.16	159.04	125.71	95.00	64.56	36.22	12.60
55.0	263.49	228.06	193.42	159.30	126.23	95.53	65.87	37.27	13.91
60.0	264.01	228.32	193.68	159.83	126.76	95.79	66.40	38.32	14.96
65.0	264.01	228.32	193.68	160.61	127.55	96.05	66.66	39.37	15.48
70.0	264.28	228.85	193.94	160.35	127.55	96.32	66.92	39.89	16.01
75.0	264.01	229.11	194.47	160.35	127.28	96.32	67.18	39.89	16.80
80.0	264.54	229.37	194.99	160.88	127.81	96.84	67.71	40.15	16.27
85.0	265.06	229.37	195.26	161.14	128.60	97.37	68.23	40.42	16.80
90.0	265.33	229.37	195.52	161.66	128.60	97.63	68.50	40.94	17.32
95.0	264.80	230.16	195.52	161.93	128.86	97.89	68.50	41.47	17.85
100.0	265.59	230.68	195.78	161.93	129.12	98.42	68.76	41.73	17.85
105.0	266.64	231.21	196.57	162.71	129.91	98.68	69.02	41.73	18.11
110.0	267.43	231.73	197.35	163.76	130.96	99.20	69.81	41.73	18.11
115.0	267.95	232.26	198.40	164.29	131.22	99.73	70.33	41.99	17.85
120.0	268.21	233.57	198.40	164.81	131.74	100.51	70.60	41.73	17.06
125.0	269.79	234.36	199.45	165.34	132.27	101.30	70.33	41.99	16.27
130.0	270.84	234.62	200.24	166.39	133.06	101.83	70.60	41.99	16.27
135.0	271.89	235.67	201.55	167.70	134.11	101.83	70.86	41.47	15.75
140.0	272.68	236.98	202.34	167.96	134.37	102.35	71.12	40.68	14.17
145.0	273.46	238.03	202.60	167.96	134.37	102.09	71.38	40.94	13.12
150.0	273.46	236.20	200.77	166.91	132.79	101.56	70.60	40.42	12.60
155.0	272.41	233.83	198.14	164.03	130.43	99.99	68.76	39.10	12.33
160.0	270.05	231.73	193.94	158.51	127.28	95.79	66.40	37.00	11.28
165.0	267.69	227.27	186.86	149.85	118.62	91.33	62.72	35.69	10.24
170.0	264.54	221.50	179.77	139.88	109.44	84.24	57.21	32.54	9.19
175.0	262.44	216.78	173.74	133.06	101.04	77.68	53.80	29.39	7.87
180.0	260.08	214.94	169.80	128.07	96.32	72.17	49.60	27.03	7.09
185.0	261.39	216.25	170.85	128.07	96.05	72.96	49.86	27.56	7.35
190.0	264.80	219.92	176.10	135.16	103.66	78.21	54.59	30.97	8.92
195.0	269.26	227.01	184.76	146.70	115.21	87.39	60.89	34.64	10.76
200.0	271.89	233.31	193.42	156.94	125.45	96.32	66.66	38.05	12.07
205.0	275.30	237.77	200.24	165.86	132.79	101.83	70.60	41.20	13.65
210.0	277.40	240.40	204.70	170.06	136.99	104.45	73.48	43.30	15.75
215.0	278.19	241.97	207.07	172.16	138.57	105.76	74.53	44.35	17.85
220.0	278.19	241.71	207.07	172.16	138.31	106.03	74.80	44.88	18.63
225.0	276.87	241.44	206.28	172.16	138.04	106.29	74.80	45.40	19.68
230.0	276.09	240.92	205.49	171.90	138.31	106.03	75.32	46.19	20.73
235.0	275.56	240.13	204.70	171.11	137.78	105.50	75.06	46.71	21.52
240.0	275.04	238.82	204.70	170.06	136.99	105.24	74.53	46.19	21.78
245.0	274.25	238.03	203.65	169.27	135.68	104.19	73.75	45.66	21.00
250.0	272.94	237.51	202.60	168.75	135.42	103.66	73.75	45.66	20.47
255.0	271.89	236.98	201.55	168.22	135.16	102.88	72.96	45.14	19.95
260.0	271.36	235.93	201.29	167.44	134.37	102.35	71.91	44.88	19.95
265.0	270.84	234.62	200.50	166.39	133.32	101.83	71.12	43.57	19.42
270.0	269.79	234.10	199.72	165.34	132.27	101.04	71.12	42.78	18.63
275.0	268.74	233.83	198.67	165.07	131.74	100.25	70.33	42.25	18.11
280.0	267.95	233.31	197.62	164.55	131.48	99.46	69.28	41.73	17.32
285.0	267.69	232.26	197.35	164.03	130.96	98.68	68.50	41.20	16.80

光強數據表(cd)

C/γ(°)	67.5	70.0	72.5	75.0	77.5	80.0	82.5	85.0	87.5
290.0	267.16	231.47	197.35	162.71	129.91	98.15	67.97	39.89	16.80
295.0	266.38	230.68	196.31	162.45	129.12	97.89	67.45	38.32	15.48
300.0	265.59	230.68	195.26	161.93	128.60	96.84	65.87	37.00	13.91
305.0	265.06	230.16	194.73	161.40	128.07	96.05	64.56	36.48	12.07
310.0	264.54	229.11	194.47	161.14	127.28	95.00	64.04	35.43	10.50
315.0	264.54	228.32	194.21	159.83	126.23	93.95	62.99	33.59	9.45
320.0	264.01	227.80	193.42	159.04	125.71	93.17	61.94	31.76	8.14
325.0	262.70	227.01	191.06	157.46	123.87	91.85	60.36	30.18	7.35
330.0	260.08	224.39	188.17	153.79	121.51	89.75	58.26	29.39	6.56
335.0	257.45	219.92	183.18	148.80	117.05	86.08	56.16	27.56	5.77
340.0	255.09	213.89	176.36	141.46	110.49	81.88	53.01	25.98	5.25
345.0	250.63	208.90	167.70	131.48	101.04	75.32	48.55	22.83	4.72
350.0	246.17	203.13	159.30	122.56	93.43	68.76	44.09	20.21	4.46
355.0	243.28	199.98	155.63	117.05	88.97	64.56	41.20	18.37	4.20
360.0	242.49	198.14	153.53	113.64	85.56	62.46	40.15	17.85	3.67

光強數據表(cd)

C/γ(°)	90.0
0.0	2.36
5.0	2.62
10.0	2.62
15.0	2.62
20.0	2.62
25.0	2.89
30.0	2.62
35.0	2.89
40.0	3.41
45.0	3.41
50.0	3.41
55.0	3.41
60.0	3.15
65.0	2.89
70.0	2.89
75.0	2.89
80.0	2.62
85.0	2.89
90.0	3.41
95.0	3.41
100.0	3.67
105.0	3.67
110.0	3.67
115.0	3.67
120.0	3.41
125.0	3.15
130.0	3.15
135.0	3.15
140.0	2.89
145.0	2.89
150.0	3.15
155.0	3.15
160.0	3.41
165.0	3.15
170.0	3.15
175.0	2.62
180.0	2.36
185.0	2.36
190.0	2.62
195.0	2.89
200.0	3.15
205.0	3.67
210.0	3.67
215.0	3.67
220.0	3.67
225.0	3.41
230.0	3.94
235.0	3.94
240.0	4.20
245.0	3.94
250.0	3.41
255.0	2.89
260.0	3.41
265.0	3.67
270.0	3.67
275.0	3.41
280.0	3.15
285.0	2.89

光強數據表(cd)

C/γ(°)	90.0
290.0	3.15
295.0	3.15
300.0	3.41
305.0	2.89
310.0	2.62
315.0	2.62
320.0	2.89
325.0	3.15
330.0	3.15
335.0	2.89
340.0	2.62
345.0	2.62
350.0	2.89
355.0	2.89
360.0	2.36