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十方光電科技有限公司

燈具名稱: LED崁燈	
燈具描述: D13-C07/D13-C07W	
報告編號: 18-0555-18	電壓(V): 220.0300
測試編號: 18-0555-18	電流(A): 0.1450
光源規格型號: LED 13W	功率(W): 11.5100
每個光源光通量(lm)	功率因數: 0.3610
光源數量: 1	鎮流器型號: Ten Lighting/YD12-40-300
發光面長度(mm): 84	發光面寬度(mm): 84
測試模式: C	發光面高度(mm): 109

光度結果

燈具光通量(lm): 1135.52
燈具效能(lm/w): 98.66
中心光強(cd): 3447.118
最大光強(cd): 3447.118
最大光強角度: $C=0.0 \gamma=0.0$
半峰邊角(50%Imax): [C0/180]Left=15.0 Right=15.7
 [C90/270]Left=14.9 Right=16.0
光束擴散角(10%Imax): [C0/180]Left=26.8 Right=27.4
 [C90/270]Left=27.4 Right=28.0

測試設備: GMS-2000
環境溫度(°C): 25.0

測試日期: 2020/4/17
環境濕度(%): 60.0%

測試人員: 廖苡汎
測試距離(m): 20.03

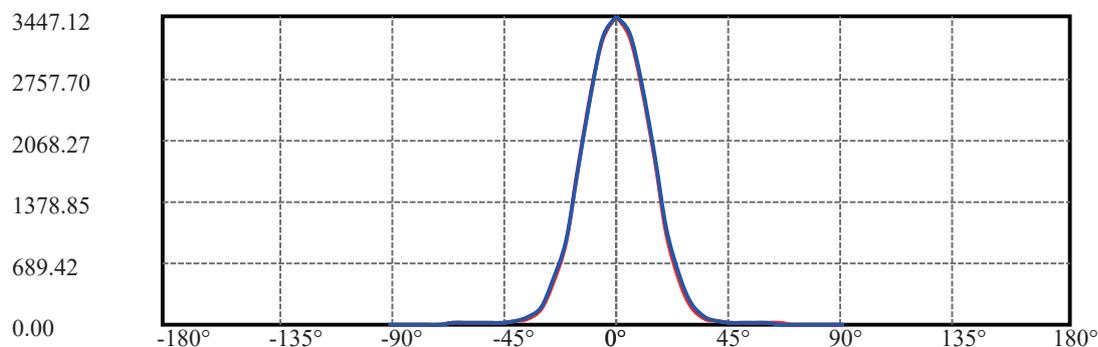
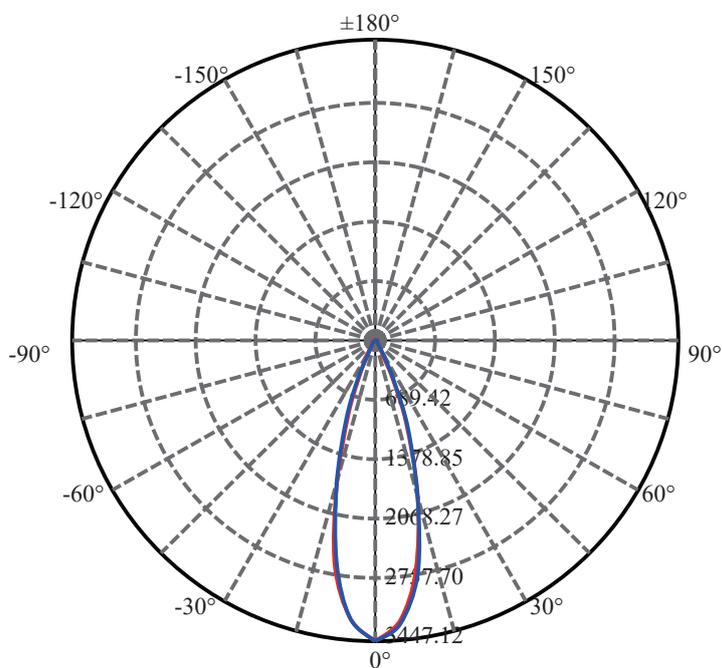
$\gamma(^{\circ})$	平均光強(cd)	環帶光通(lm)	累積光通(lm)	有效光通(%)
0.0	3447.121	.000	.000	.000%
5.0	3223.622	79.747	79.747	7.023%
10.0	2647.814	210.040	289.787	18.497%
15.0	1789.991	263.248	553.034	23.183%
20.0	982.987	228.532	781.567	20.126%
25.0	484.952	153.960	935.526	13.559%
30.0	197.419	86.355	1021.881	7.605%
35.0	76.875	40.392	1062.272	3.557%
40.0	35.807	18.800	1081.073	1.656%
45.0	23.236	10.932	1092.005	.963%
50.0	18.416	8.416	1100.421	.741%
55.0	14.934	7.251	1107.673	.639%
60.0	12.214	6.275	1113.948	.553%
65.0	11.239	5.702	1119.650	.502%
70.0	9.668	5.294	1124.943	.466%
75.0	7.589	4.511	1129.454	.397%
80.0	5.104	3.396	1132.851	.299%
85.0	2.351	2.026	1134.876	.178%
90.0	.000	.644	1135.520	.057%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-30	1021.88	89.99%
0-40	1081.07	95.21%
0-60	1113.95	98.10%
0-90	1134.88	99.94%
0-120	1134.88	99.94%
0-180	1135.52	100.00%
60-90	27.20	2.40%
90-120	0.00	0.00%
90-130	0.00	0.00%
90-150	0.00	0.00%
90-180	0.00	0.00%
0-24.12	908.42	80.00%

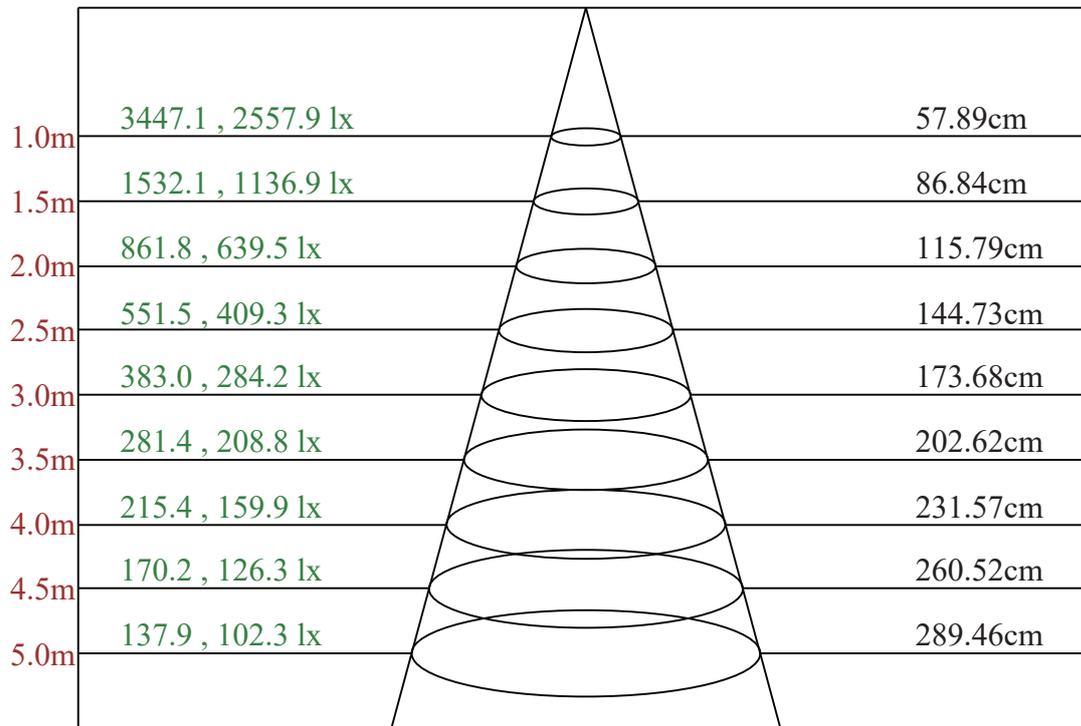
ZONAL LUMEN SUMMARY

0-10	289.79
10-20	491.78
20-30	240.31
30-40	59.19
40-50	19.35
50-60	13.53
60-70	11.00
70-80	7.91
80-90	2.03
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

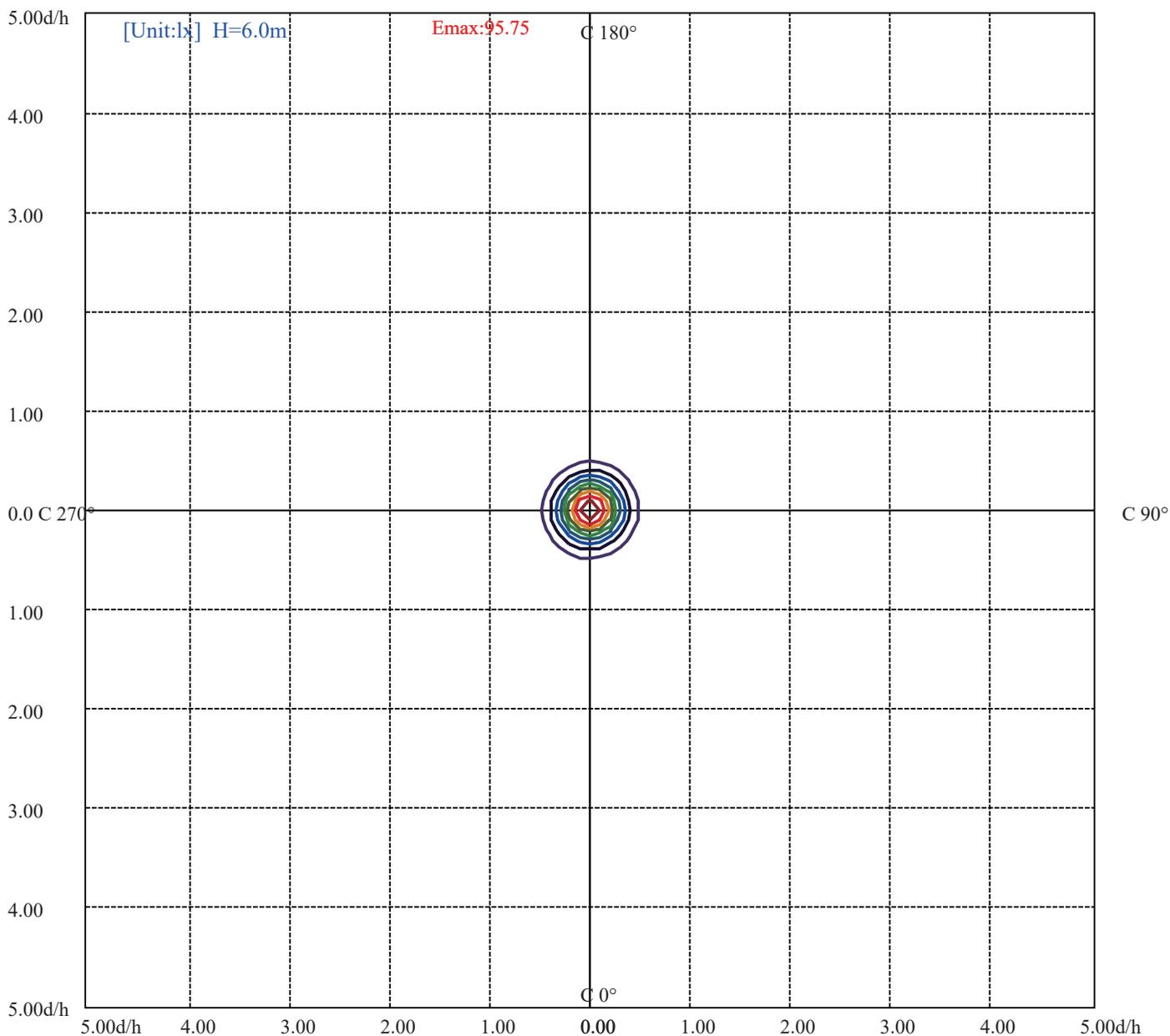


C0/C180: —
 C90/C270: —

照度距離圖表



Max , Ave C0面光束角32.29



(10%Emax) 9.575306	—
(20%Emax) 19.15064	—
(30%Emax) 28.72583	—
(40%Emax) 38.30139	—
(50%Emax) 47.87667	—
(60%Emax) 57.45195	—
(70%Emax) 67.02722	—
(80%Emax) 76.6025	—
(90%Emax) 86.17777	—

測試設備：GMS-2000
 環境溫度(°C)：25.0

測試日期：2020/4/17
 環境濕度(%)：60.0%

測試人員：廖苡汎
 測試距離(m)：20.03

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	3447.12	3215.63	2670.39	1846.73	1013.03	481.44	197.39	71.81	35.31
5.0	3447.12	3224.05	2678.02	1855.55	1024.27	483.85	196.99	72.62	36.11
10.0	3447.12	3230.47	2683.23	1863.58	1033.49	486.26	198.19	74.22	36.51
15.0	3447.12	3237.69	2689.25	1870.40	1041.92	489.87	200.20	75.43	36.91
20.0	3447.12	3246.92	2696.07	1875.61	1048.74	496.29	204.61	77.03	37.71
25.0	3447.12	3250.93	2701.69	1874.01	1057.16	503.51	209.83	78.64	38.11
30.0	3447.12	3255.34	2703.29	1881.23	1065.59	510.33	213.44	79.84	38.52
35.0	3447.12	3257.75	2708.91	1888.05	1070.00	517.15	218.65	81.04	38.52
40.0	3447.12	3264.97	2711.32	1894.07	1074.82	522.76	222.67	82.25	38.92
45.0	3447.12	3267.38	2710.92	1897.68	1080.03	528.38	227.08	83.45	38.92
50.0	3447.12	3266.98	2714.12	1899.29	1082.84	533.60	231.09	83.85	38.92
55.0	3447.12	3266.58	2718.54	1899.29	1086.45	537.61	233.50	85.05	39.32
60.0	3447.12	3265.37	2722.95	1900.49	1087.66	540.42	235.91	86.26	39.32
65.0	3447.12	3263.77	2724.96	1900.89	1089.66	542.42	237.11	87.06	39.32
70.0	3447.12	3261.36	2727.77	1900.09	1090.46	543.63	237.51	87.46	38.92
75.0	3447.12	3263.77	2725.36	1896.48	1087.26	541.22	235.91	87.06	38.92
80.0	3447.12	3262.57	2722.95	1891.66	1081.64	537.21	233.90	87.06	38.52
85.0	3447.12	3262.57	2722.95	1885.24	1074.82	533.20	229.89	86.26	37.71
90.0	3447.12	3258.96	2719.74	1878.82	1066.39	525.57	226.68	85.86	37.31
95.0	3447.12	3257.75	2715.33	1872.00	1057.57	516.35	222.27	85.05	36.91
100.0	3447.12	3256.95	2711.72	1861.97	1045.93	507.52	218.65	84.25	36.51
105.0	3447.12	3258.96	2707.71	1851.54	1033.49	499.90	213.44	83.45	36.11
110.0	3447.12	3260.96	2698.48	1838.70	1023.06	493.48	207.82	82.25	35.71
115.0	3447.12	3258.55	2692.46	1828.27	1008.62	484.25	202.21	81.04	35.31
120.0	3447.12	3252.14	2688.05	1822.26	993.77	477.43	196.19	79.84	34.90
125.0	3447.12	3248.12	2679.62	1813.83	981.34	473.82	192.98	78.23	34.50
130.0	3447.12	3244.51	2671.60	1807.41	966.09	470.61	188.97	76.63	34.10
135.0	3447.12	3238.09	2662.37	1800.59	955.26	467.40	186.96	75.02	33.70
140.0	3447.12	3232.07	2655.55	1792.97	946.43	466.20	184.55	74.22	33.70
145.0	3447.12	3227.26	2651.14	1785.75	938.01	464.59	182.15	73.42	33.30
150.0	3447.12	3223.65	2643.11	1780.13	932.39	462.58	179.34	71.81	33.30
155.0	3447.12	3218.84	2635.09	1772.51	927.18	458.97	176.13	71.01	32.90
160.0	3447.12	3214.82	2630.68	1764.48	925.17	455.76	173.32	69.81	32.90
165.0	3447.12	3209.21	2627.06	1756.86	922.36	451.75	170.11	69.41	32.50
170.0	3447.12	3207.20	2624.26	1746.03	919.15	447.34	168.91	68.61	32.50
175.0	3447.12	3206.40	2619.44	1737.60	917.55	443.73	167.70	68.61	32.50
180.0	3447.12	3199.18	2618.64	1730.38	917.15	441.32	167.30	68.61	32.50
185.0	3447.12	3196.37	2613.42	1725.97	917.55	440.92	167.70	69.41	32.90
190.0	3447.12	3194.36	2609.81	1721.55	918.35	441.72	168.91	70.21	32.90
195.0	3447.12	3192.76	2603.79	1715.94	918.35	444.13	171.71	71.01	33.30
200.0	3447.12	3192.76	2600.18	1710.32	919.95	447.74	174.52	71.81	33.30
205.0	3447.12	3191.15	2594.57	1707.11	923.16	453.36	178.13	72.62	33.70
210.0	3447.12	3187.54	2588.55	1705.51	926.77	458.17	182.15	73.82	34.10
215.0	3447.12	3188.34	2585.34	1702.30	931.19	464.19	186.56	74.62	34.50
220.0	3447.12	3188.34	2583.33	1700.69	935.20	470.61	188.97	75.43	34.90
225.0	3447.12	3190.35	2581.33	1698.69	938.81	476.63	192.18	75.83	35.31
230.0	3447.12	3191.96	2583.73	1697.08	942.02	482.64	194.18	77.03	35.71
235.0	3447.12	3194.36	2583.73	1696.28	945.63	485.85	196.59	77.83	36.11
240.0	3447.12	3197.17	2579.72	1697.88	948.44	490.67	198.59	78.64	36.11
245.0	3447.12	3200.78	2581.33	1700.69	952.85	493.88	199.80	79.04	36.11
250.0	3447.12	3203.99	2582.53	1701.09	954.06	495.48	201.00	79.04	36.11
255.0	3447.12	3201.99	2584.94	1700.69	954.06	494.28	200.60	79.04	36.11
260.0	3447.12	3203.19	2585.34	1702.70	953.25	492.67	199.00	78.64	35.71
265.0	3447.12	3206.00	2588.15	1707.11	951.65	489.87	198.19	78.64	35.71
270.0	3447.12	3203.59	2590.15	1707.11	950.45	485.85	196.99	78.23	35.71
275.0	3447.12	3203.19	2595.77	1710.72	947.64	481.44	195.38	78.23	35.71
280.0	3447.12	3206.40	2602.19	1713.13	945.23	478.23	194.18	77.83	35.71
285.0	3447.12	3209.21	2606.20	1715.13	942.82	473.82	191.37	77.43	36.11

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	3447.12	3210.01	2613.02	1715.94	938.81	469.81	188.56	76.63	36.11
295.0	3447.12	3214.02	2616.63	1719.95	935.60	466.60	185.76	76.23	36.51
300.0	3447.12	3215.63	2615.03	1730.38	934.00	464.99	182.95	75.43	36.11
305.0	3447.12	3210.41	2618.64	1740.41	934.80	465.39	181.34	75.02	36.11
310.0	3447.12	3208.40	2623.05	1752.04	934.80	467.40	180.94	74.62	36.11
315.0	3447.12	3208.40	2624.26	1758.87	937.61	469.00	182.15	74.22	36.11
320.0	3447.12	3207.60	2627.06	1770.10	941.62	472.61	184.15	73.82	36.11
325.0	3447.12	3206.40	2627.47	1782.14	949.24	476.23	186.96	73.42	36.51
330.0	3447.12	3200.78	2631.08	1793.77	956.06	478.63	190.57	72.62	36.11
335.0	3447.12	3202.79	2633.88	1804.60	966.09	479.84	194.18	71.81	36.11
340.0	3447.12	3204.39	2639.10	1815.03	976.12	481.04	195.79	71.41	36.11
345.0	3447.12	3208.40	2645.12	1826.27	986.95	481.84	197.79	70.61	35.71
350.0	3447.12	3208.40	2655.15	1830.68	996.18	482.24	198.59	70.61	35.71
355.0	3447.12	3213.62	2664.38	1839.11	1003.00	481.04	198.19	70.61	35.31
360.0	3447.12	3215.63	2670.39	1846.73	1013.03	481.44	197.39	71.81	35.31

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	22.87	18.05	14.84	12.04	11.23	9.63	7.62	5.22	2.01
5.0	22.87	18.05	14.84	12.04	11.23	9.63	7.62	5.22	2.01
10.0	22.47	18.05	14.44	12.04	11.23	9.63	7.62	5.22	2.01
15.0	22.87	18.05	14.44	12.04	10.83	9.63	7.62	5.22	2.01
20.0	22.87	18.05	14.44	12.04	10.83	9.63	7.62	5.22	2.01
25.0	22.87	18.05	14.44	11.63	10.83	9.23	7.62	5.22	2.01
30.0	22.87	18.05	14.44	11.63	10.83	9.23	7.22	5.22	2.01
35.0	22.87	18.05	14.44	11.63	10.83	9.23	7.22	5.22	2.01
40.0	22.87	18.05	14.44	11.63	10.43	9.23	7.22	4.81	2.41
45.0	22.87	17.65	14.44	11.23	10.43	9.23	7.22	4.81	2.41
50.0	22.87	17.65	14.44	11.23	10.43	9.23	7.22	4.81	2.41
55.0	22.87	17.65	14.04	11.23	10.43	9.23	7.22	4.81	2.41
60.0	22.47	17.65	14.04	11.23	10.43	8.83	7.22	4.81	2.41
65.0	22.47	17.65	14.04	11.23	10.43	8.83	7.22	4.81	2.41
70.0	22.47	17.65	14.04	11.23	10.43	8.83	7.22	4.81	2.41
75.0	22.47	17.25	14.04	11.23	10.43	8.83	7.22	4.81	2.41
80.0	22.07	17.25	14.04	11.23	10.43	8.83	7.22	4.81	2.41
85.0	22.07	17.25	14.04	11.23	10.43	8.83	7.22	4.81	2.41
90.0	22.07	17.25	14.04	11.23	10.43	8.83	7.22	4.81	2.41
95.0	22.07	17.25	14.04	11.23	10.43	8.83	7.22	4.81	2.41
100.0	22.07	17.25	14.04	11.23	10.43	9.23	7.22	4.81	2.41
105.0	22.07	17.65	14.04	11.23	10.43	9.23	7.22	4.81	2.41
110.0	22.07	17.65	14.04	11.63	10.43	9.23	7.22	4.81	2.41
115.0	22.07	17.65	14.04	11.63	10.83	9.23	7.22	4.81	2.41
120.0	22.07	17.65	14.04	11.63	10.83	9.23	7.22	4.81	2.41
125.0	22.07	17.65	14.44	11.63	10.83	9.23	7.22	4.81	2.41
130.0	22.07	17.65	14.44	11.63	10.83	9.23	7.62	4.81	2.41
135.0	22.47	17.65	14.44	12.04	10.83	9.63	7.62	4.81	2.41
140.0	22.47	17.65	14.44	12.04	10.83	9.63	7.62	5.22	2.41
145.0	22.47	17.65	14.44	12.04	11.23	9.63	7.62	5.22	2.41
150.0	22.47	17.65	14.84	12.04	11.23	9.63	7.62	5.22	2.41
155.0	22.87	18.05	14.84	12.04	11.23	9.63	7.62	5.22	2.41
160.0	22.87	18.05	14.84	12.44	11.23	9.63	7.62	5.22	2.41
165.0	22.87	18.05	14.84	12.44	11.23	10.03	7.62	5.22	2.41
170.0	22.87	18.46	15.25	12.44	11.63	10.03	7.62	5.22	2.41
175.0	23.27	18.46	15.25	12.44	11.63	10.03	7.62	5.22	2.41
180.0	23.27	18.46	15.25	12.44	11.63	10.03	8.02	5.22	2.41
185.0	23.27	18.46	15.25	12.84	11.63	10.03	8.02	5.22	2.41
190.0	23.27	18.86	15.25	12.84	11.63	10.03	8.02	5.22	2.41
195.0	23.67	18.86	15.25	12.84	11.63	10.03	8.02	5.22	2.41
200.0	23.67	18.86	15.25	12.84	11.63	10.03	8.02	5.22	2.41
205.0	23.67	18.86	15.25	12.84	11.63	10.03	8.02	5.22	2.41
210.0	24.07	18.86	15.25	12.84	12.04	10.03	8.02	5.22	2.41
215.0	24.07	19.26	15.25	12.84	12.04	10.03	8.02	5.22	2.41
220.0	24.47	19.26	15.65	12.84	12.04	10.03	8.02	5.22	2.41
225.0	24.47	19.26	15.65	12.84	12.04	10.03	7.62	5.22	2.41
230.0	24.47	19.26	15.65	12.84	12.04	10.03	8.02	5.22	2.41
235.0	24.87	19.26	15.65	12.84	12.04	10.03	7.62	5.22	2.41
240.0	24.87	19.66	15.65	12.84	12.04	10.03	7.62	5.22	2.41
245.0	24.87	19.66	15.65	12.84	12.04	10.03	7.62	5.22	2.41
250.0	24.87	19.66	15.65	12.84	11.63	10.03	7.62	5.22	2.41
255.0	24.87	19.66	15.65	12.84	11.63	10.03	7.62	5.22	2.41
260.0	24.47	19.26	15.65	12.84	11.63	10.03	7.62	5.22	2.41
265.0	24.47	19.26	15.65	12.84	11.63	10.03	7.62	5.22	2.41
270.0	24.47	19.66	15.65	12.84	11.63	10.03	7.62	5.22	2.41
275.0	24.47	19.66	15.65	12.84	11.63	10.03	7.62	5.22	2.41
280.0	24.47	19.66	16.05	12.84	11.63	10.03	7.62	5.22	2.41
285.0	24.07	19.66	16.05	12.84	11.63	10.03	7.62	5.22	2.41

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	24.07	19.66	15.65	12.84	11.63	10.03	7.62	5.22	2.41
295.0	24.07	19.26	15.65	12.84	11.63	10.03	7.62	5.22	2.41
300.0	24.07	19.26	15.65	12.84	11.63	10.03	7.62	5.22	2.41
305.0	24.07	19.26	15.65	12.84	11.63	10.03	8.02	5.22	2.41
310.0	23.67	19.26	15.65	12.84	11.63	10.03	7.62	5.22	2.41
315.0	23.67	18.86	15.65	12.84	11.63	10.03	8.02	5.22	2.41
320.0	23.67	18.86	15.65	12.44	11.63	10.03	8.02	5.22	2.41
325.0	23.27	18.86	15.25	12.44	11.63	10.03	8.02	5.22	2.41
330.0	23.27	18.46	15.25	12.44	11.63	10.03	7.62	5.22	2.41
335.0	23.27	18.46	15.25	12.44	11.63	10.03	7.62	5.22	2.41
340.0	22.87	18.46	15.25	12.44	11.23	10.03	7.62	5.22	2.41
345.0	22.87	18.46	14.84	12.44	11.23	10.03	7.62	5.22	2.41
350.0	22.87	18.05	14.84	12.44	11.23	9.63	7.62	5.22	2.01
355.0	22.87	18.05	14.84	12.44	11.23	9.63	7.62	5.22	2.01
360.0	22.87	18.05	14.84	12.04	11.23	9.63	7.62	5.22	2.01

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	0.00
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

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