



京鴻檢驗科技股份有限公司
http://www.jhet.com.tw
Email: jh.lab@msa.hinet.net
Tel: 05-5990970~72 Fax: 05-5985199
Address: 雲林縣二崙鄉尖厝崙170號

十方光電科技有限公司

燈具名稱: 8W 6燈 NICHIA光源杯燈

燈具描述: C08-0605W

報告編號: 18-0555-34

測試編號: 18-0555-34

光源規格型號: LED 5W

每個光源光通量(lm)

光源數量: 1

發光面長度(mm): 50

測試模式: C

電壓(V): 220.0200

電流(A): 0.0950

功率(W): 7.6400

功率因數: 0.3660

鎮流器型號: Ten-Lighting/YD12-35-350

發光面寬度(mm): 50

發光面高度(mm): 65

光度結果

燈具光通量(lm): 494.37

燈具效能(lm/w): 64.71

中心光強(cd): 2026.918

最大光強(cd): 2119.841

最大光強角度: C=210.0 γ =5.0

半峰邊角(50%Imax): [C0/180]Left=14.6 Right=8.6

[C90/270]Left=13.6 Right=10.2

光束擴散角(10%Imax): [C0/180]Left=25.2 Right=19.6

[C90/270]Left=25.8 Right=21.2

測試設備: GMS-2000
環境溫度(°C): 25.0

測試日期: 2020/10/26
環境濕度(%): 63.0%

測試人員: 廖苡汎
測試距離(m): 20.10

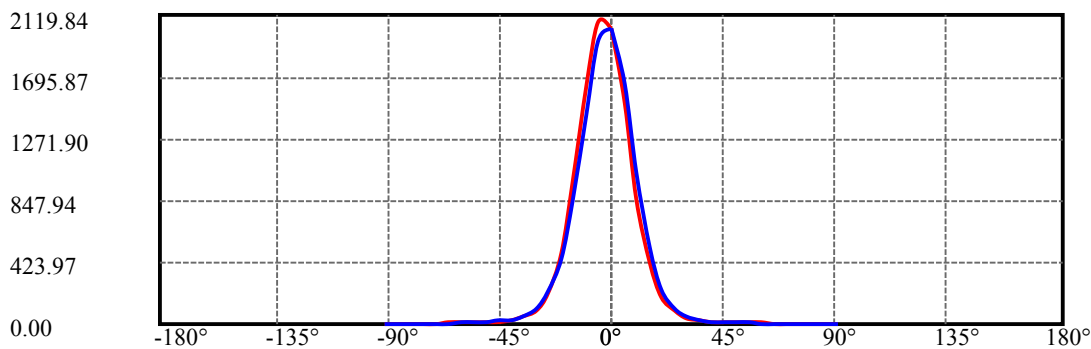
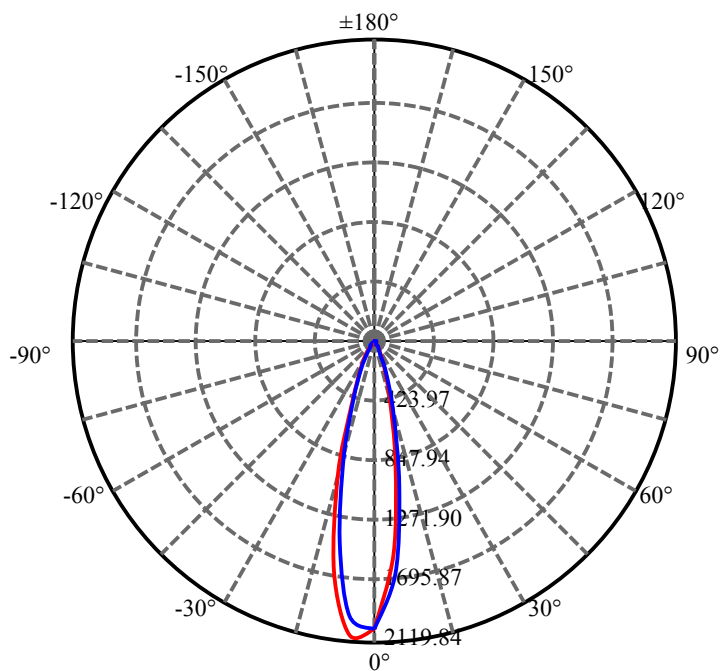
γ(°)	平均光強(cd)	環帶光通(lm)	累積光通(lm)	有效光通(%)	有效累計(%)
0.0	2026.917	.000	.000	.000%	.000%
5.0	1790.174	45.632	45.632	9.230%	9.230%
10.0	1243.273	108.516	154.148	21.950%	31.181%
15.0	695.122	114.984	269.133	23.259%	54.440%
20.0	336.563	85.025	354.158	17.199%	71.638%
25.0	155.864	51.646	405.804	10.447%	82.085%
30.0	75.550	29.286	435.090	5.924%	88.009%
35.0	40.283	17.057	452.147	3.450%	91.459%
40.0	23.792	10.690	462.838	2.162%	93.622%
45.0	15.723	7.316	470.154	1.480%	95.102%
50.0	11.694	5.540	475.694	1.121%	96.222%
55.0	9.281	4.561	480.255	.923%	97.145%
60.0	7.435	3.864	484.118	.782%	97.926%
65.0	6.122	3.296	487.414	.667%	98.593%
70.0	4.876	2.785	490.199	.563%	99.156%
75.0	3.400	2.163	492.362	.438%	99.594%
80.0	1.706	1.366	493.728	.276%	99.870%
85.0	.325	.552	494.280	.112%	99.982%
90.0	.000	.089	494.369	.018%	100.000%

ZONAL LUMEN SUMMARY

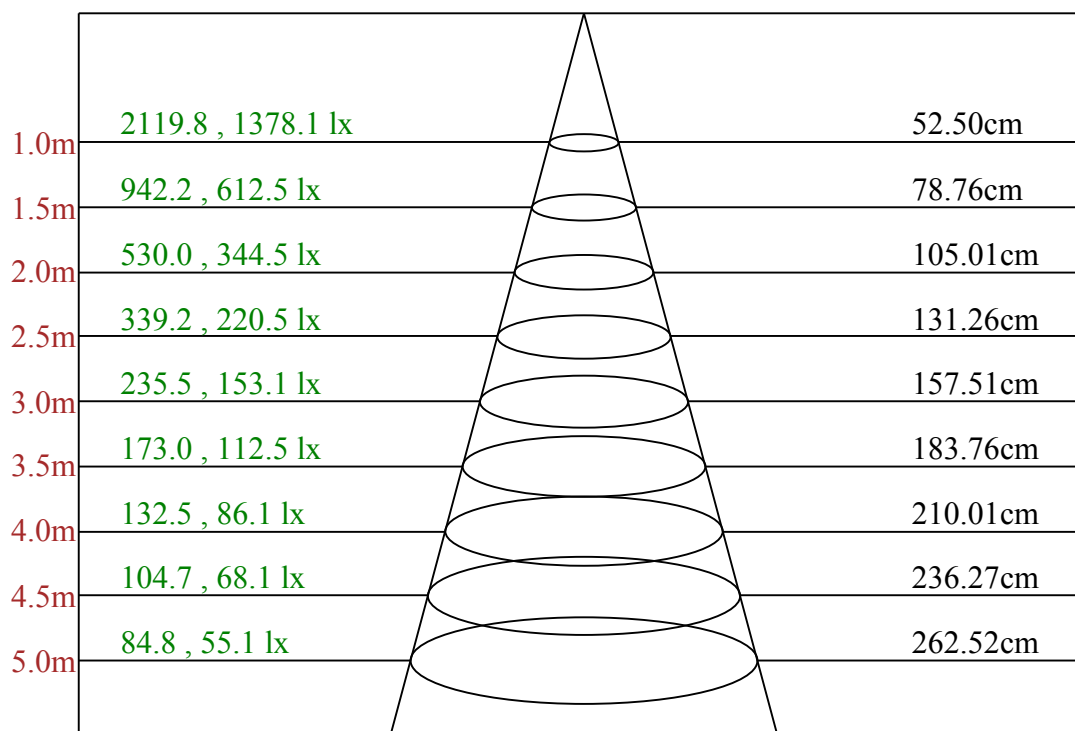
Zone	Lumens	%Fixt
0-30	435.09	88.01%
0-40	462.84	93.62%
0-60	484.12	97.93%
0-90	494.28	99.98%
0-120	494.28	99.98%
0-180	494.37	100.00%
60-90	14.03	2.84%
90-120	0.00	0.00%
90-130	0.00	0.00%
90-150	0.00	0.00%
90-180	0.00	0.00%
0-24.00	395.50	80.00%

ZONAL LUMEN SUMMARY

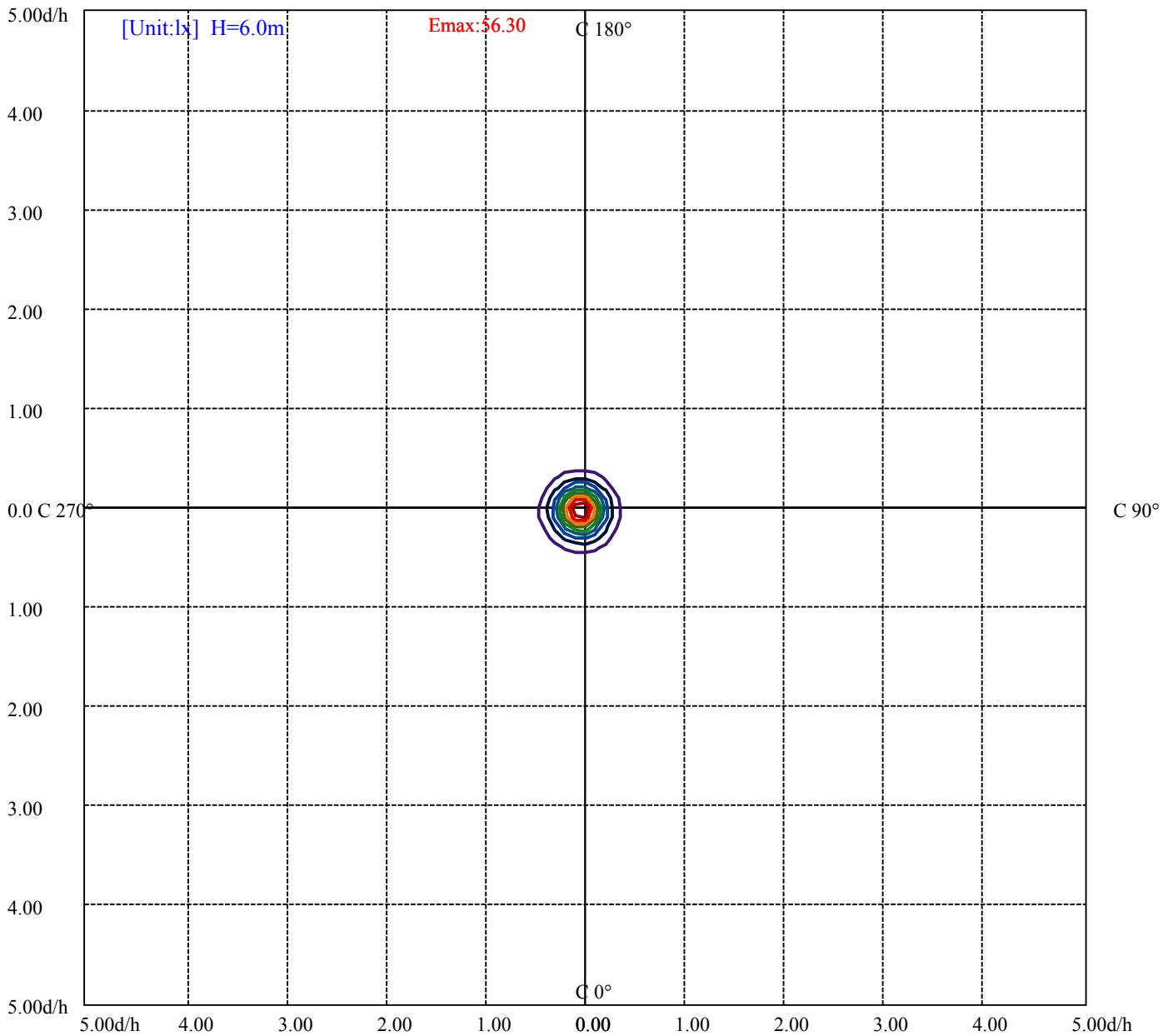
0-10	154.15
10-20	200.01
20-30	80.93
30-40	27.75
40-50	12.86
50-60	8.42
60-70	6.08
70-80	3.53
80-90	0.55
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



C0/C180: —
 C90/C270: —



Max , Ave C210面光束角29.31



(10%Emax) 5.630278	—
(20%Emax) 11.26056	—
(30%Emax) 16.89086	—
(40%Emax) 22.52114	—
(50%Emax) 28.15139	—
(60%Emax) 33.78167	—
(70%Emax) 39.41194	—
(80%Emax) 45.04222	—
(90%Emax) 50.6725	—

測試設備：GMS-2000
 環境溫度(°C)：25.0

測試日期：2020/10/26
 環境濕度(%)：63.0%

測試人員：廖苡汎
 測試距離(m)：20.10

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	2026.92	1509.79	858.52	418.55	187.86	86.46	45.65	26.26	16.56
5.0	2026.92	1504.13	858.93	414.11	183.42	84.44	44.44	25.05	16.16
10.0	2026.92	1490.80	846.40	410.88	180.19	84.03	43.63	24.64	16.16
15.0	2026.92	1504.53	865.39	403.61	180.59	83.63	43.63	24.64	16.16
20.0	2026.92	1491.61	856.91	413.71	178.57	82.42	43.23	25.05	16.16
25.0	2026.92	1467.77	838.32	410.88	180.59	82.42	42.83	25.45	16.56
30.0	2026.92	1475.04	848.42	406.84	179.38	83.23	44.04	25.45	16.56
35.0	2026.92	1498.07	844.38	404.01	178.17	83.23	44.04	25.86	16.16
40.0	2026.92	1495.65	850.44	407.24	174.94	82.01	44.04	26.26	16.56
45.0	2026.92	1503.73	858.12	412.09	178.17	81.61	43.63	25.86	16.56
50.0	2026.92	1517.06	879.13	421.38	181.40	82.82	44.04	26.26	16.56
55.0	2026.92	1528.77	887.61	432.29	188.67	84.44	44.44	26.26	16.97
60.0	2026.92	1519.89	907.00	440.77	191.50	86.46	45.25	26.26	16.97
65.0	2026.92	1536.85	916.70	446.84	195.14	87.67	45.25	26.66	16.97
70.0	2026.92	1552.21	936.90	455.72	202.01	89.69	45.65	26.26	16.97
75.0	2026.92	1575.24	951.44	469.46	207.66	91.71	45.65	26.66	16.97
80.0	2026.92	1575.64	976.09	484.41	214.13	93.73	47.27	27.47	17.37
85.0	2026.92	1625.33	1015.28	507.03	225.44	98.58	49.29	28.28	18.18
90.0	2026.92	1646.34	1037.90	526.43	234.33	102.62	50.91	29.90	18.58
95.0	2026.92	1668.16	1075.48	540.57	244.43	106.66	52.93	29.90	18.99
100.0	2026.92	1706.13	1108.20	563.59	253.31	111.91	54.54	31.51	19.39
105.0	2026.92	1720.28	1130.42	589.85	267.86	115.95	56.97	32.72	20.20
110.0	2026.92	1751.79	1174.05	613.29	277.96	122.42	58.99	34.34	21.01
115.0	2026.92	1776.84	1206.78	636.32	290.08	126.86	61.41	35.15	21.41
120.0	2026.92	1832.19	1212.84	659.34	305.03	133.73	63.83	36.36	22.22
125.0	2026.92	1835.42	1274.25	689.24	320.78	139.79	66.66	37.17	22.62
130.0	2026.92	1856.43	1315.05	720.35	338.16	145.04	69.09	37.98	23.03
135.0	2026.92	1877.03	1360.71	749.84	347.85	152.72	71.51	39.19	23.43
140.0	2026.92	1912.18	1382.93	774.49	363.21	158.37	74.34	40.81	23.84
145.0	2026.92	1934.40	1411.21	802.77	376.54	165.24	75.95	41.21	24.24
150.0	2026.92	1930.76	1462.92	835.90	403.61	171.30	78.38	42.02	24.64
155.0	2026.92	1959.05	1490.80	863.77	413.30	176.96	80.80	42.83	25.05
160.0	2026.92	2003.49	1532.41	892.86	428.65	185.84	82.82	44.04	25.86
165.0	2026.92	2035.00	1565.94	919.12	438.75	191.50	85.65	44.85	26.66
170.0	2026.92	2043.89	1583.72	935.69	452.49	199.18	87.67	46.06	27.07
175.0	2026.92	2043.48	1607.56	969.62	474.31	205.24	90.90	46.87	27.47
180.0	2026.92	2069.74	1639.07	982.96	487.64	212.51	95.35	48.08	27.88
185.0	2026.92	2075.00	1658.06	1004.77	498.14	222.21	98.58	49.29	28.28
190.0	2026.92	2109.74	1683.51	1024.97	507.03	227.05	102.62	50.50	29.09
195.0	2026.92	2107.72	1693.21	1039.52	520.77	234.73	105.45	52.93	29.09
200.0	2026.92	2113.38	1693.61	1054.06	527.64	237.96	108.68	53.73	29.49
205.0	2026.92	2101.66	1714.21	1054.87	527.23	242.41	110.29	54.95	29.90
210.0	2026.92	2119.84	1701.29	1055.68	535.31	246.04	111.91	55.35	30.30
215.0	2026.92	2112.57	1707.75	1054.47	530.47	244.02	112.31	54.95	30.30
220.0	2026.92	2104.08	1698.86	1039.11	531.27	246.45	112.31	55.35	29.90
225.0	2026.92	2099.64	1662.91	1039.11	524.41	244.43	111.51	55.35	29.90
230.0	2026.92	2080.65	1648.36	1028.61	519.56	243.62	112.31	54.95	29.49
235.0	2026.92	2068.13	1631.80	1007.60	519.56	245.64	112.31	55.35	29.90
240.0	2026.92	2051.56	1609.58	977.70	501.38	242.00	114.74	56.56	30.70
245.0	2026.92	2027.73	1572.00	958.72	486.43	235.13	114.74	57.77	31.92
250.0	2026.92	2006.31	1550.19	936.90	484.41	231.90	112.31	56.97	31.11
255.0	2026.92	2005.91	1510.19	915.08	471.08	231.50	112.72	56.56	31.11
260.0	2026.92	1976.42	1497.67	902.96	460.57	226.25	112.72	57.77	31.51
265.0	2026.92	1972.78	1479.89	879.53	452.90	225.44	111.91	58.18	32.32
270.0	2026.92	1941.27	1436.66	853.27	443.20	220.19	110.29	57.37	32.32
275.0	2026.92	1915.01	1404.34	818.52	429.87	214.13	107.87	56.56	32.32
280.0	2026.92	1889.96	1353.43	793.07	414.11	210.09	105.85	55.35	31.51
285.0	2026.92	1863.29	1320.31	757.11	401.18	199.99	102.21	53.33	31.51

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	2026.92	1833.80	1273.84	728.03	378.56	191.90	98.17	51.71	30.70
295.0	2026.92	1821.68	1240.72	696.11	353.91	180.59	94.94	49.69	29.49
300.0	2026.92	1788.55	1202.33	669.85	335.73	170.09	89.29	47.67	28.28
305.0	2026.92	1748.56	1161.13	637.93	322.00	161.60	82.42	44.44	27.07
310.0	2026.92	1716.24	1119.11	612.48	308.26	153.93	78.38	42.42	26.26
315.0	2026.92	1685.93	1073.86	583.79	288.87	143.83	73.53	40.40	25.05
320.0	2026.92	1647.55	1052.45	560.36	271.09	135.34	70.70	39.19	24.24
325.0	2026.92	1636.24	1022.55	535.72	257.76	126.86	65.85	36.76	22.62
330.0	2026.92	1595.44	987.40	507.84	244.83	118.78	61.01	34.34	21.82
335.0	2026.92	1600.28	961.54	489.66	231.90	109.89	57.37	31.92	20.20
340.0	2026.92	1564.73	939.73	476.73	220.59	102.21	53.33	30.30	18.99
345.0	2026.92	1542.11	915.08	457.34	207.26	97.77	50.50	28.68	17.78
350.0	2026.92	1493.63	901.35	441.99	203.22	94.94	48.89	27.47	17.37
355.0	2026.92	1500.49	868.62	429.46	195.94	90.90	46.87	26.66	16.97
360.0	2026.92	1509.79	858.52	418.55	187.86	86.46	45.65	26.26	16.56

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	12.12	9.70	8.08	6.87	5.66	4.44	2.83	1.21	0.00
5.0	11.72	9.29	8.08	6.46	5.25	4.04	2.42	0.81	0.00
10.0	11.72	9.29	7.68	6.46	5.25	4.04	2.02	0.81	0.00
15.0	11.31	8.89	7.68	6.06	4.85	3.64	2.02	0.81	0.00
20.0	11.31	8.89	7.68	6.06	5.25	4.04	2.02	0.81	0.00
25.0	11.72	9.29	7.68	6.06	5.25	4.04	2.42	0.81	0.00
30.0	11.31	9.29	7.27	6.06	5.25	4.04	2.83	0.81	0.00
35.0	11.72	9.29	7.27	6.06	5.25	4.44	2.83	0.81	0.00
40.0	11.72	9.29	7.27	6.06	5.25	4.44	3.23	0.81	0.00
45.0	11.72	8.89	7.68	6.06	5.66	4.85	3.23	0.81	0.00
50.0	11.72	8.89	7.27	6.06	5.66	4.85	3.64	0.81	0.00
55.0	11.72	8.89	7.27	6.06	5.66	4.85	3.64	0.81	0.00
60.0	11.72	8.89	7.27	6.06	5.66	4.85	3.23	1.21	0.00
65.0	11.72	8.89	7.27	6.06	5.66	4.44	3.23	1.21	0.00
70.0	11.72	8.89	7.27	6.06	5.66	4.44	2.83	1.21	0.00
75.0	11.72	8.48	7.27	6.06	5.25	4.44	2.42	1.21	0.00
80.0	12.12	8.89	7.27	6.06	5.25	4.44	2.42	1.21	0.00
85.0	12.12	9.29	7.27	6.06	5.66	4.44	2.83	1.21	0.00
90.0	12.52	9.29	7.27	6.06	5.66	4.85	3.23	1.21	0.00
95.0	12.93	9.70	7.68	6.46	5.66	4.85	3.64	1.62	0.00
100.0	12.93	9.70	7.68	6.46	5.66	5.25	4.04	1.62	0.00
105.0	13.74	10.10	8.08	6.46	6.06	5.25	4.44	2.42	0.40
110.0	13.74	10.50	8.08	6.87	6.46	5.66	4.44	2.83	0.40
115.0	14.14	10.50	8.48	7.27	6.87	5.66	4.44	2.83	0.40
120.0	14.54	10.50	8.48	7.68	6.87	5.66	4.04	2.42	0.40
125.0	14.54	10.50	8.48	7.27	6.46	5.66	4.04	2.02	0.40
130.0	14.95	10.91	8.48	6.87	6.06	5.25	3.64	2.02	0.40
135.0	14.95	10.91	8.48	6.87	6.06	5.25	3.64	1.62	0.40
140.0	15.35	11.31	8.48	6.87	6.06	4.85	3.64	1.62	0.40
145.0	15.35	11.31	8.48	6.87	6.06	4.85	3.64	2.02	0.81
150.0	15.76	11.31	8.89	7.27	6.06	4.85	3.64	2.02	0.81
155.0	16.16	11.31	8.89	7.27	6.06	5.25	4.04	2.42	0.81
160.0	16.16	11.72	9.29	7.68	6.46	5.66	4.44	2.83	0.81
165.0	16.56	11.72	9.70	8.08	6.87	6.06	4.44	3.23	0.81
170.0	16.97	12.12	9.70	8.08	6.87	6.06	4.85	3.23	0.81
175.0	17.37	12.52	10.10	8.08	6.87	6.06	4.44	3.23	0.81
180.0	17.78	12.52	10.10	8.48	6.87	5.66	4.44	2.83	0.81
185.0	18.18	13.33	10.10	8.48	6.87	5.25	4.04	2.83	0.81
190.0	18.58	13.33	10.50	8.48	6.46	5.25	3.64	2.42	0.81
195.0	18.58	13.33	10.50	8.48	6.46	4.85	3.64	2.02	0.81
200.0	18.58	13.74	10.91	8.48	6.46	4.85	3.64	2.02	0.81
205.0	18.58	13.33	10.91	8.48	6.46	4.85	3.64	2.02	0.81
210.0	18.58	13.33	10.91	8.48	6.46	5.25	3.64	2.42	0.81
215.0	18.58	13.33	10.91	8.48	6.87	5.25	4.04	2.42	0.81
220.0	18.58	13.74	11.31	8.89	6.87	5.66	4.04	2.83	0.81
225.0	18.58	14.14	11.31	8.89	7.27	5.66	4.04	2.83	0.81
230.0	18.58	14.14	11.31	8.89	7.27	5.66	4.04	2.83	0.81
235.0	18.99	14.14	11.31	8.89	7.27	5.25	4.04	2.83	0.81
240.0	19.39	14.54	11.31	8.89	6.87	5.25	3.64	2.42	0.40
245.0	20.20	14.95	11.72	8.89	6.46	4.85	3.64	2.02	0.40
250.0	20.60	14.95	11.72	8.89	6.46	4.85	3.23	2.02	0.40
255.0	20.60	15.35	11.72	8.89	6.46	4.85	3.23	1.62	0.40
260.0	20.60	15.35	11.31	8.89	6.46	4.85	3.23	1.62	0.40
265.0	20.60	14.95	11.72	8.48	6.46	4.44	3.23	1.62	0.40
270.0	21.01	15.35	11.72	8.48	6.46	4.85	3.23	1.62	0.40
275.0	21.01	15.35	11.31	8.89	6.46	4.85	3.23	1.62	0.40
280.0	20.60	14.95	11.31	9.29	6.87	4.85	3.23	2.02	0.40
285.0	20.60	14.95	11.72	9.29	6.87	5.25	3.64	2.02	0.40

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	20.20	14.54	11.72	9.29	6.87	5.25	3.64	2.02	0.40
295.0	19.39	14.14	10.91	8.89	6.87	4.85	3.23	1.62	0.40
300.0	19.39	14.14	10.50	8.08	6.46	4.85	2.83	1.62	0.00
305.0	18.58	13.74	10.50	7.68	6.06	4.44	2.83	1.21	0.00
310.0	18.18	13.33	10.10	7.68	5.66	4.04	2.42	1.21	0.00
315.0	16.97	12.52	9.70	7.27	5.66	4.04	2.42	0.81	0.00
320.0	16.16	12.12	9.29	6.87	5.25	4.04	2.42	0.81	0.00
325.0	15.76	11.72	9.29	6.87	5.25	4.04	2.42	0.81	0.00
330.0	14.95	11.31	8.89	6.87	5.66	4.04	2.83	0.81	0.00
335.0	14.14	10.91	8.89	6.87	5.66	4.44	2.83	1.21	0.00
340.0	13.74	10.91	8.48	6.87	5.66	4.44	3.23	0.81	0.00
345.0	12.93	10.50	8.48	6.87	6.06	4.85	3.64	0.81	0.00
350.0	12.52	10.10	8.48	6.87	6.06	4.85	3.64	0.81	0.00
355.0	12.12	9.70	8.08	6.87	5.66	4.85	3.23	0.81	0.00
360.0	12.12	9.70	8.08	6.87	5.66	4.44	2.83	1.21	0.00

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