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十方光電科技有限公司

燈具名稱: 30W NICHIA投射崙燈23度

燈具描述: DA30-C06W-23

報告編號: 18-0555-39

測試編號: 18-0555-39

光源規格型號: LED 30W

每個光源光通量(lm)

光源數量: 1

發光面長度(mm): 175

測試模式: C

電壓(V): 220.0400

電流(A): 0.2990

功率(W): 30.7200

功率因數: 0.4660

鎮流器型號: MW/APC-35-700

發光面寬度(mm): 175

發光面高度(mm): 120

光度結果

燈具光通量(lm): 2922.95

燈具效能(lm/w): 95.15

中心光強(cd): 8050.310

最大光強(cd): 8050.304

最大光強角度: C=0.0 γ =0.0

半峰邊角(50%Imax): [C0/180]Left=13.2 Right=9.8

[C90/270]Left=12.0 Right=10.9

光束擴散角(10%Imax): [C0/180]Left=40.3 Right=36.8

[C90/270]Left=39.6 Right=37.2

測試設備: GMS-2000
環境溫度(°C): 24.7

測試日期: 2020/11/19
環境濕度(%): 62.0%

測試人員: 廖苡汎
測試距離(m): 20.10

十方光電科技有限公司 十方光電科技有限公司 30W NICHIA 投射崁燈23度
環帶光通分布數據表

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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	8050.312	.000	.000	.000%	.000%
5.0	6853.805	178.175	178.175	6.096%	6.096%
10.0	4601.562	409.795	587.969	14.020%	20.116%
15.0	2780.262	437.885	1025.854	14.981%	35.097%
20.0	1872.182	383.427	1409.281	13.118%	48.214%
25.0	1413.064	344.562	1753.842	11.788%	60.003%
30.0	1136.525	322.653	2076.495	11.039%	71.041%
35.0	970.471	310.270	2386.765	10.615%	81.656%
40.0	717.381	281.606	2668.370	9.634%	91.290%
45.0	107.455	152.725	2821.095	5.225%	96.516%
50.0	65.315	34.911	2856.006	1.194%	97.710%
55.0	45.401	24.073	2880.080	.824%	98.533%
60.0	22.540	15.704	2895.784	.537%	99.071%
65.0	15.044	9.137	2904.921	.313%	99.383%
70.0	11.093	6.618	2911.539	.226%	99.610%
75.0	7.267	4.799	2916.338	.164%	99.774%
80.0	5.555	3.431	2919.769	.117%	99.891%
85.0	2.879	2.292	2922.060	.078%	99.970%
90.0	.354	.885	2922.945	.030%	100.000%

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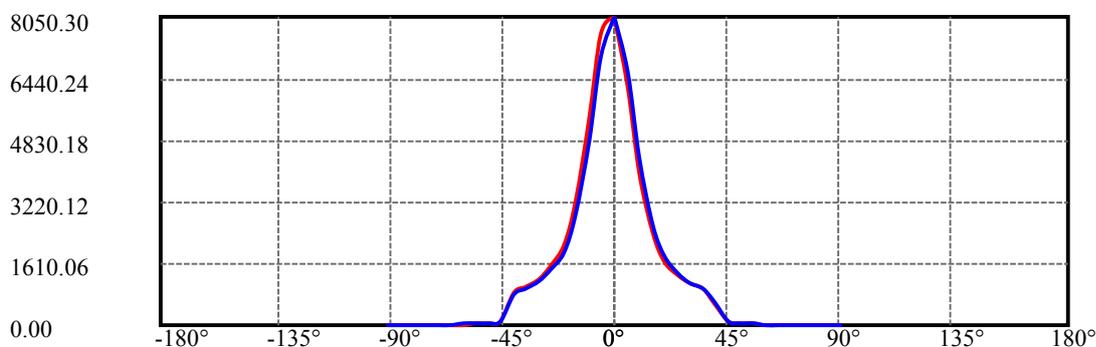
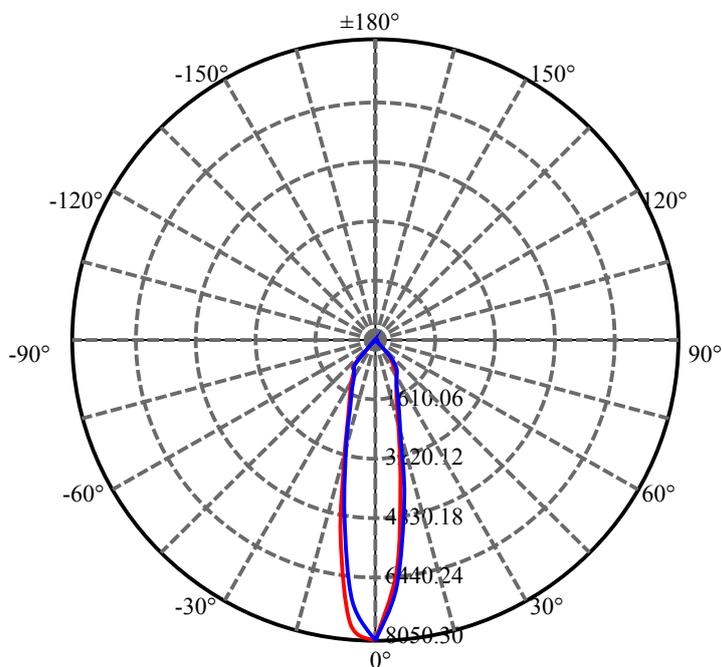
測試人員：廖苡汎
測試距離(m)：20.10

ZONAL LUMEN SUMMARY

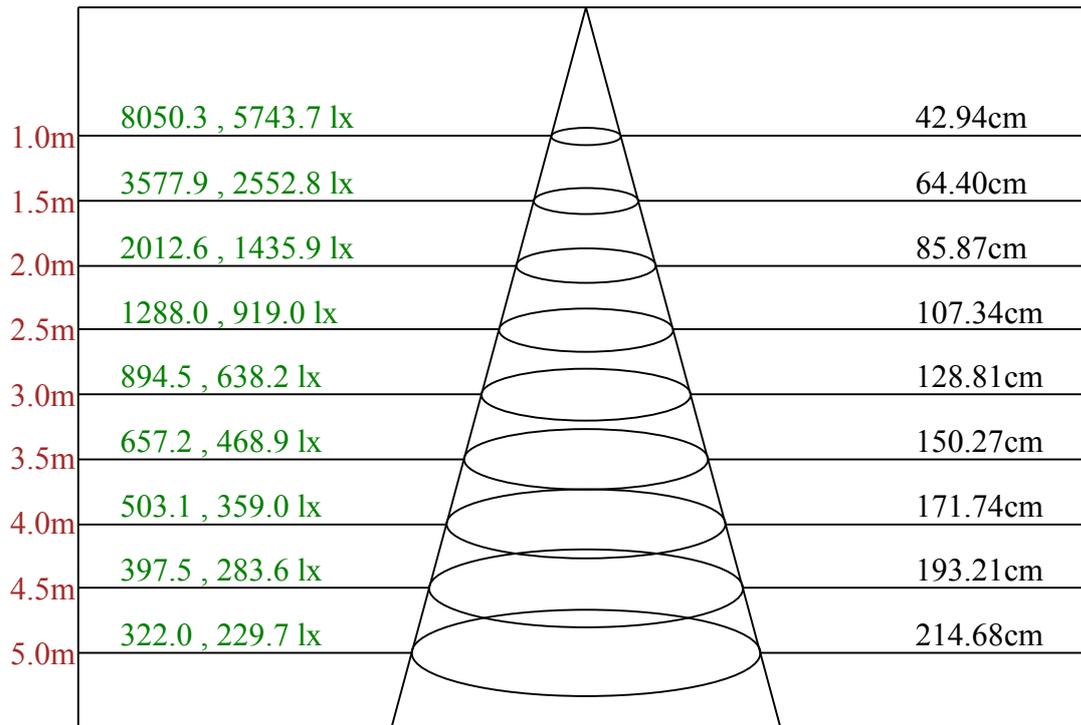
Zone	Lumens	%Fixt
0-30	2076.50	71.04%
0-40	2668.37	91.29%
0-60	2895.78	99.07%
0-90	2922.06	99.97%
0-120	2922.06	99.97%
0-180	2922.95	100.00%
60-90	41.98	1.44%
90-120	0.00	0.00%
90-130	0.00	0.00%
90-150	0.00	0.00%
90-180	0.00	0.00%
0-34.22	2338.36	80.00%

ZONAL LUMEN SUMMARY

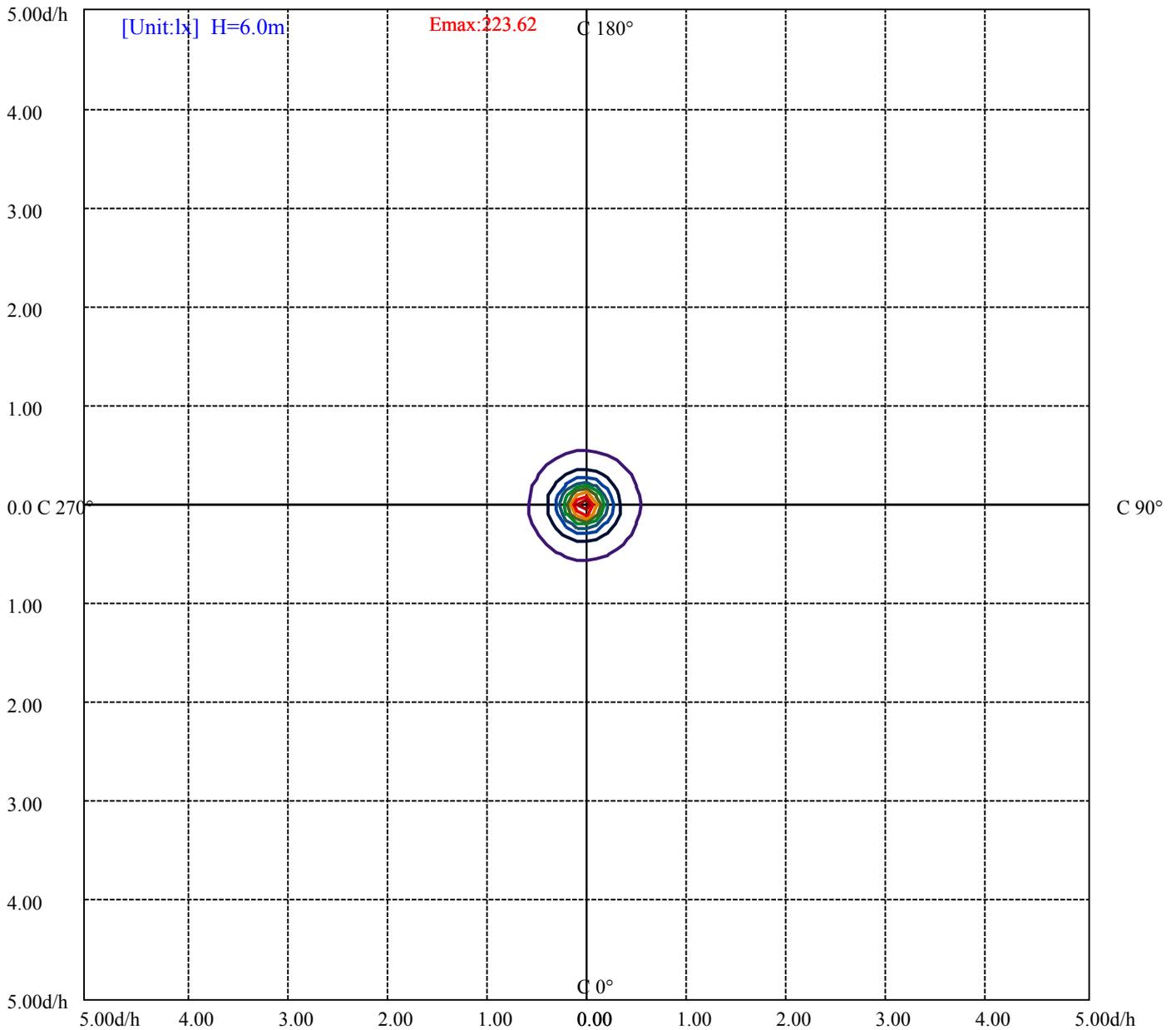
0-10	587.97
10-20	821.31
20-30	667.21
30-40	591.88
40-50	187.64
50-60	39.78
60-70	15.75
70-80	8.23
80-90	2.29
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



C0/C180: —
C90/C270: —



Max , Ave C0面光束角24.21



(10%Emax) 22.36183	—
(20%Emax) 44.72361	—
(30%Emax) 67.08556	—
(40%Emax) 89.44723	—
(50%Emax) 111.8092	—
(60%Emax) 134.1708	—
(70%Emax) 156.5328	—
(80%Emax) 178.8945	—
(90%Emax) 201.2564	—

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測試日期：2020/11/19
 環境濕度(%)：62.0%

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	8050.31	6217.71	3947.18	2395.78	1671.39	1318.69	1077.09	932.86	568.85
5.0	8050.31	6189.43	3931.02	2363.46	1670.99	1312.22	1076.69	932.05	572.89
10.0	8050.31	6144.99	3914.86	2363.46	1660.08	1318.69	1077.50	932.86	576.12
15.0	8050.31	6128.83	3890.62	2363.46	1672.60	1322.33	1076.69	929.63	568.44
20.0	8050.31	6128.83	3894.66	2359.42	1683.11	1324.75	1060.93	930.44	561.17
25.0	8050.31	6140.95	3902.74	2367.50	1674.62	1309.40	1078.71	931.65	542.18
30.0	8050.31	6193.47	3906.78	2371.54	1704.52	1322.73	1075.88	925.99	528.04
35.0	8050.31	6197.51	3914.86	2363.46	1685.93	1322.73	1090.42	935.69	517.94
40.0	8050.31	6209.63	3926.98	2383.66	1683.11	1330.00	1084.36	940.13	528.04
45.0	8050.31	6233.88	3939.10	2395.78	1677.45	1332.02	1092.44	938.52	543.80
50.0	8050.31	6278.32	3971.42	2387.70	1683.51	1332.83	1111.03	951.04	565.61
55.0	8050.31	6290.44	4019.90	2424.06	1696.03	1338.08	1105.37	947.81	572.89
60.0	8050.31	6310.64	4064.34	2440.22	1700.48	1342.53	1108.20	961.14	573.69
65.0	8050.31	6342.96	4080.50	2464.46	1720.68	1346.16	1120.32	945.38	571.27
70.0	8050.31	6387.40	4133.02	2488.70	1731.59	1348.18	1112.64	950.23	571.67
75.0	8050.31	6435.88	4153.22	2512.94	1743.71	1347.78	1122.74	949.83	572.89
80.0	8050.31	6496.48	4221.90	2533.14	1767.54	1338.08	1110.62	955.08	578.54
85.0	8050.31	6573.24	4286.55	2573.54	1784.11	1360.30	1115.07	955.89	599.95
90.0	8050.31	6617.68	4326.95	2613.95	1786.53	1373.23	1120.32	957.91	617.33
95.0	8050.31	6694.45	4395.63	2642.23	1828.95	1372.42	1120.32	960.33	644.80
100.0	8050.31	6722.73	4448.15	2682.63	1828.95	1384.54	1123.55	975.68	657.73
105.0	8050.31	6767.17	4532.99	2743.23	1852.79	1394.24	1127.19	965.99	672.68
110.0	8050.31	6839.89	4593.59	2759.39	1885.52	1407.17	1135.27	972.86	708.23
115.0	8050.31	6932.81	4686.52	2787.67	1892.79	1407.98	1131.23	989.82	726.01
120.0	8050.31	6977.25	4726.92	2848.27	1912.18	1420.90	1155.07	981.34	750.65
125.0	8050.31	7074.22	4779.44	2896.75	1935.61	1444.74	1152.24	986.59	759.54
130.0	8050.31	7142.90	4868.32	2925.03	1962.68	1448.78	1152.64	981.74	767.22
135.0	8050.31	7183.30	4920.84	2957.35	1976.01	1464.13	1176.48	989.82	768.83
140.0	8050.31	7247.94	4985.48	2993.71	1995.00	1464.54	1174.86	995.08	777.32
145.0	8050.31	7328.74	5038.01	3042.20	2035.00	1489.18	1172.84	1001.14	795.90
150.0	8050.31	7352.98	5110.73	3094.72	2048.74	1495.24	1177.29	1003.56	807.62
155.0	8050.31	7441.86	5147.09	3131.08	2041.06	1496.86	1180.92	1004.77	832.66
160.0	8050.31	7494.39	5203.65	3147.24	2065.30	1504.94	1189.81	1011.24	839.94
165.0	8050.31	7494.39	5264.25	3195.72	2084.69	1500.09	1189.00	1006.39	855.29
170.0	8050.31	7526.71	5304.65	3219.96	2102.06	1506.15	1185.37	1013.66	855.69
175.0	8050.31	7571.15	5332.93	3240.16	2110.55	1518.27	1194.66	1016.49	841.55
180.0	8050.31	7595.39	5377.37	3260.36	2106.91	1528.37	1189.00	1011.64	843.57
185.0	8050.31	7647.91	5361.21	3272.48	2102.06	1521.91	1195.87	1018.11	873.47
190.0	8050.31	7631.75	5377.37	3264.40	2120.65	1521.91	1202.33	1022.55	892.46
195.0	8050.31	7619.63	5421.81	3272.48	2108.53	1517.87	1198.29	1005.99	902.96
200.0	8050.31	7615.59	5421.81	3252.28	2095.20	1552.61	1197.49	1024.97	884.78
205.0	8050.31	7603.47	5385.45	3248.24	2106.91	1529.58	1200.72	1005.58	885.19
210.0	8050.31	7599.43	5349.09	3240.16	2094.39	1524.73	1200.31	1013.66	888.42
215.0	8050.31	7599.43	5324.85	3228.04	2089.54	1520.29	1195.47	1010.03	883.57
220.0	8050.31	7583.27	5292.53	3228.04	2083.08	1515.04	1207.59	1018.51	888.42
225.0	8050.31	7538.83	5288.49	3195.72	2074.59	1520.69	1199.51	1016.49	894.48
230.0	8050.31	7502.47	5264.25	3175.52	2068.13	1511.81	1208.39	1025.78	890.03
235.0	8050.31	7482.27	5187.49	3187.64	2043.89	1507.36	1192.23	1013.66	882.36
240.0	8050.31	7413.58	5134.97	3127.04	2022.07	1498.07	1195.47	997.10	866.60
245.0	8050.31	7352.98	5058.21	3118.96	1996.21	1488.78	1186.58	1009.62	846.81
250.0	8050.31	7251.98	5033.97	3046.24	1990.56	1473.43	1168.80	995.48	839.53
255.0	8050.31	7175.22	4961.24	3022.00	1965.51	1459.28	1171.63	986.59	812.87
260.0	8050.31	7090.38	4912.76	2973.51	1936.02	1455.24	1168.40	981.34	815.70
265.0	8050.31	7070.18	4860.24	2929.07	1927.53	1437.87	1157.89	965.99	800.34
270.0	8050.31	7021.69	4787.52	2880.59	1896.83	1433.83	1147.39	968.41	790.24
275.0	8050.31	6948.97	4698.64	2852.31	1862.08	1411.21	1144.56	971.24	757.52
280.0	8050.31	6904.53	4625.92	2791.71	1846.73	1413.63	1141.33	962.35	761.56
285.0	8050.31	6827.77	4585.51	2739.19	1836.63	1414.84	1138.10	952.25	742.97

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	8050.31	6734.85	4532.99	2723.03	1812.39	1397.47	1122.34	951.44	747.42
295.0	8050.31	6678.29	4448.15	2682.63	1807.14	1397.47	1109.82	958.72	731.26
300.0	8050.31	6597.48	4395.63	2642.23	1809.56	1382.52	1110.22	932.05	738.13
305.0	8050.31	6577.28	4335.03	2613.95	1776.84	1375.65	1104.56	942.96	725.20
310.0	8050.31	6492.44	4286.55	2557.38	1780.07	1366.77	1098.10	925.59	707.42
315.0	8050.31	6427.80	4229.99	2561.42	1769.16	1365.15	1090.83	941.34	683.59
320.0	8050.31	6411.64	4197.66	2537.18	1764.72	1346.97	1086.79	936.90	664.60
325.0	8050.31	6395.48	4153.22	2512.94	1744.11	1348.99	1086.38	934.88	652.07
330.0	8050.31	6375.28	4116.86	2488.70	1729.16	1334.85	1075.07	943.77	641.57
335.0	8050.31	6302.56	4068.38	2448.30	1718.26	1327.58	1071.44	928.82	614.50
340.0	8050.31	6290.44	4064.34	2432.14	1707.75	1325.15	1075.88	931.65	592.68
345.0	8050.31	6274.28	4019.90	2407.90	1683.51	1313.03	1080.32	939.73	576.12
350.0	8050.31	6262.16	4003.74	2403.86	1692.80	1320.71	1078.71	930.84	566.83
355.0	8050.31	6266.20	3983.54	2387.70	1671.79	1319.09	1076.28	937.30	573.29
360.0	8050.31	6217.71	3947.18	2395.78	1671.39	1318.69	1077.09	932.86	568.85

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	97.37	66.26	43.63	22.22	16.56	12.93	9.70	8.08	3.23
5.0	97.37	65.45	43.23	22.22	16.56	12.52	9.70	8.08	3.23
10.0	99.79	65.05	42.83	21.82	16.56	12.52	9.70	7.68	3.23
15.0	99.39	64.64	42.42	21.82	16.16	12.52	9.70	7.68	3.23
20.0	100.19	63.83	41.61	21.41	16.16	12.12	9.29	7.68	3.23
25.0	96.56	63.03	42.02	21.41	16.16	12.12	9.29	7.68	3.23
30.0	94.54	62.22	41.21	21.01	15.76	12.12	9.29	7.27	3.23
35.0	90.09	62.22	40.81	21.01	15.76	12.12	9.29	7.27	3.23
40.0	89.29	61.41	41.21	20.60	15.76	11.72	8.89	7.27	3.23
45.0	91.31	61.81	40.40	20.60	15.35	11.72	8.89	6.87	3.23
50.0	92.52	61.01	40.81	20.60	15.35	11.31	8.48	6.87	3.23
55.0	93.33	60.60	40.81	20.20	14.95	11.31	8.48	6.46	3.23
60.0	92.92	60.20	40.40	20.20	14.95	10.91	8.48	6.46	3.23
65.0	90.50	59.79	40.40	20.20	14.54	10.91	8.08	6.06	3.23
70.0	88.48	60.20	40.81	19.80	14.54	10.91	8.08	6.06	3.23
75.0	86.86	59.79	40.81	19.80	14.54	10.50	7.68	6.06	3.23
80.0	84.84	60.60	40.81	19.80	14.14	10.50	7.68	5.66	3.23
85.0	86.46	60.60	41.21	19.80	14.14	10.10	7.27	5.66	2.83
90.0	90.50	60.60	41.21	19.80	14.14	10.10	7.27	5.25	2.83
95.0	94.54	61.01	41.61	19.80	13.74	10.10	6.87	5.25	2.83
100.0	96.56	61.01	42.02	19.80	13.74	9.70	6.87	4.85	2.83
105.0	101.41	61.81	42.42	19.80	13.74	9.70	6.46	4.85	2.42
110.0	103.02	61.41	42.02	19.80	13.74	9.70	6.06	4.44	2.42
115.0	104.64	61.41	42.42	19.80	13.33	9.29	6.06	4.44	2.42
120.0	104.23	61.81	42.83	20.20	13.33	9.29	5.66	4.04	2.02
125.0	104.64	61.01	42.83	20.20	13.33	9.29	5.66	4.04	2.02
130.0	104.64	61.41	42.83	20.60	13.33	9.29	5.66	3.64	2.02
135.0	106.25	61.81	44.04	21.01	12.93	8.89	5.25	3.64	2.02
140.0	107.47	61.41	43.63	21.01	12.93	8.89	5.25	3.64	2.02
145.0	108.27	62.22	44.44	21.41	12.93	8.89	5.25	3.64	1.62
150.0	108.27	63.03	44.85	21.41	12.93	8.89	5.25	3.64	1.62
155.0	109.89	64.24	45.25	21.41	12.93	8.89	4.85	3.64	1.62
160.0	109.89	63.83	46.06	21.41	12.93	8.89	4.85	3.64	1.62
165.0	110.29	64.64	45.65	21.82	12.93	8.89	4.85	3.64	1.62
170.0	105.04	63.43	46.06	21.41	12.93	8.89	4.85	3.64	1.62
175.0	101.41	65.05	46.46	21.41	12.93	8.89	4.85	3.64	1.62
180.0	101.41	64.24	46.06	21.41	12.93	8.89	4.85	3.23	1.62
185.0	107.47	65.45	46.46	22.22	13.33	8.89	4.85	3.64	1.62
190.0	120.80	65.85	48.08	23.03	13.33	9.29	4.85	3.64	2.02
195.0	134.13	67.07	48.08	23.84	13.33	9.29	4.85	3.64	2.02
200.0	137.36	67.87	48.89	23.84	13.74	9.29	4.85	3.64	2.02
205.0	138.58	68.28	49.29	24.64	13.74	9.70	5.25	3.64	2.02
210.0	143.42	67.87	49.69	25.05	14.14	10.10	5.25	3.64	2.02
215.0	146.66	68.68	50.10	25.05	14.14	10.10	5.66	3.64	2.02
220.0	145.04	68.28	49.29	25.05	14.54	10.50	5.66	4.04	2.02
225.0	140.60	69.49	50.10	25.05	14.54	10.50	5.66	4.04	2.42
230.0	137.77	68.28	49.69	25.45	14.95	10.91	6.06	4.04	2.42
235.0	135.34	69.49	50.10	25.45	14.95	10.91	6.06	4.04	2.42
240.0	129.28	68.28	49.69	25.45	14.95	11.31	6.46	4.44	2.83
245.0	125.65	69.49	49.69	25.45	15.35	11.31	6.46	4.44	2.83
250.0	120.40	68.68	49.69	25.45	15.35	11.72	6.46	4.85	3.23
255.0	117.16	69.89	50.50	25.45	15.76	11.72	6.87	5.25	3.23
260.0	115.14	68.68	49.29	25.45	15.76	12.12	6.87	5.25	3.64
265.0	114.33	69.89	50.10	25.45	16.16	12.12	7.27	5.66	3.64
270.0	115.55	70.30	50.10	25.05	16.16	12.52	7.27	5.66	3.64
275.0	113.93	69.49	49.69	25.05	16.56	12.52	7.68	6.06	4.04
280.0	112.72	70.70	49.69	25.05	16.56	12.52	7.68	6.06	4.04
285.0	110.29	69.49	48.89	25.05	16.56	12.93	8.08	6.06	4.04

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	108.68	70.30	48.89	24.64	16.97	12.93	8.08	6.46	4.04
295.0	106.66	69.49	48.89	24.64	16.97	12.93	8.48	6.46	4.04
300.0	103.43	69.09	48.08	24.64	16.97	13.33	8.48	6.87	4.04
305.0	103.02	69.49	48.48	24.64	16.97	13.33	8.89	6.87	4.04
310.0	102.62	68.28	47.67	24.24	16.97	13.33	8.89	7.27	4.04
315.0	104.23	68.68	47.27	24.24	17.37	13.33	9.29	7.27	4.04
320.0	104.23	68.28	46.87	23.84	17.37	13.33	9.29	7.27	4.04
325.0	104.64	68.28	46.46	23.84	17.37	13.33	9.29	7.68	3.64
330.0	103.02	67.87	46.06	23.84	17.37	13.33	9.29	7.68	3.64
335.0	102.21	68.28	46.06	23.43	17.37	13.33	9.70	7.68	3.64
340.0	98.58	67.07	44.85	23.43	16.97	12.93	9.70	7.68	3.64
345.0	97.77	68.28	45.25	23.03	16.97	12.93	9.70	7.68	3.23
350.0	96.15	66.66	44.44	22.62	16.97	12.93	9.70	8.08	3.23
355.0	95.75	67.07	44.44	22.22	16.97	12.93	9.70	8.08	3.23
360.0	97.37	66.26	43.63	22.22	16.56	12.93	9.70	8.08	3.23

光強數據表(cd)

C/γ(°)	90.0
0.0	0.40
5.0	0.40
10.0	0.40
15.0	0.40
20.0	0.40
25.0	0.40
30.0	0.40
35.0	0.40
40.0	0.40
45.0	0.40
50.0	0.40
55.0	0.40
60.0	0.40
65.0	0.40
70.0	0.40
75.0	0.40
80.0	0.40
85.0	0.40
90.0	0.40
95.0	0.40
100.0	0.40
105.0	0.40
110.0	0.40
115.0	0.40
120.0	0.40
125.0	0.40
130.0	0.40
135.0	0.40
140.0	0.40
145.0	0.40
150.0	0.40
155.0	0.00
160.0	0.40
165.0	0.00
170.0	0.00
175.0	0.00
180.0	0.40
185.0	0.00
190.0	0.00
195.0	0.40
200.0	0.40
205.0	0.00
210.0	0.40
215.0	0.00
220.0	0.40
225.0	0.00
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	0.40
270.0	0.40
275.0	0.40
280.0	0.40
285.0	0.40

光強數據表(cd)

C/γ(°)	90.0
290.0	0.40
295.0	0.40
300.0	0.40
305.0	0.40
310.0	0.40
315.0	0.40
320.0	0.40
325.0	0.40
330.0	0.40
335.0	0.40
340.0	0.40
345.0	0.40
350.0	0.40
355.0	0.40
360.0	0.40