



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: LED吸頂燈
燈具描述: U13-C14W.B
報告編號: 18-0555-47
測試編號: 18-0555-47
光源規格型號: LED
每個光源光通量(lm)
光源數量: 1
發光面長度(mm): 67
測試模式: C

電壓(V): 220.0200
電流(A): 0.1230
功率(W): 10.7700
功率因數: 0.3980
鎮流器型號:
發光面寬度(mm): 67
發光面高度(mm): 36

光度結果

燈具光通量(lm): 1090.87
燈具效能(lm/w): 101.29
中心光強(cd): 1248.537
最大光強(cd): 1253.352
最大光強角度: C=50.0 γ =5.0
半峰邊角(50%Imax): [C0/180]Left=31.6 Right=28.4
[C90/270]Left=31.0 Right=27.8
光束擴散角(10%Imax): [C0/180]Left=44.7 Right=41.7
[C90/270]Left=44.2 Right=41.4

測試設備: GMS-2000
環境溫度(°C): 24.9

測試日期: 2021/5/18
環境濕度(%): 60.0%

測試人員: 廖苡汎
測試距離(m): 20.03

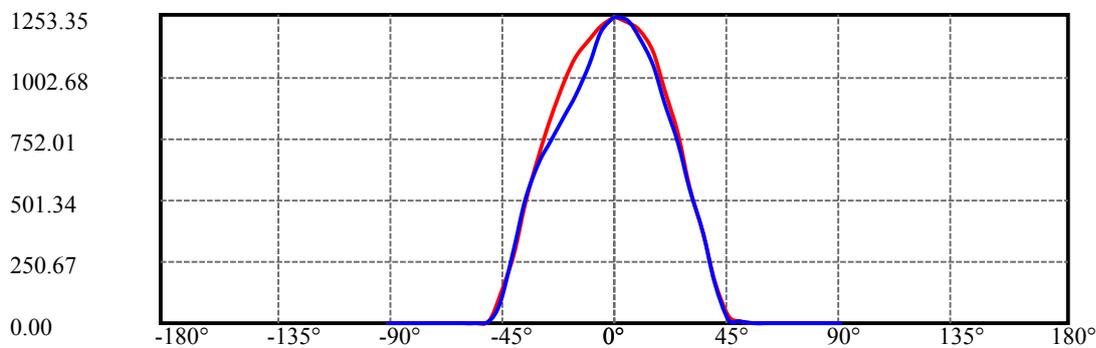
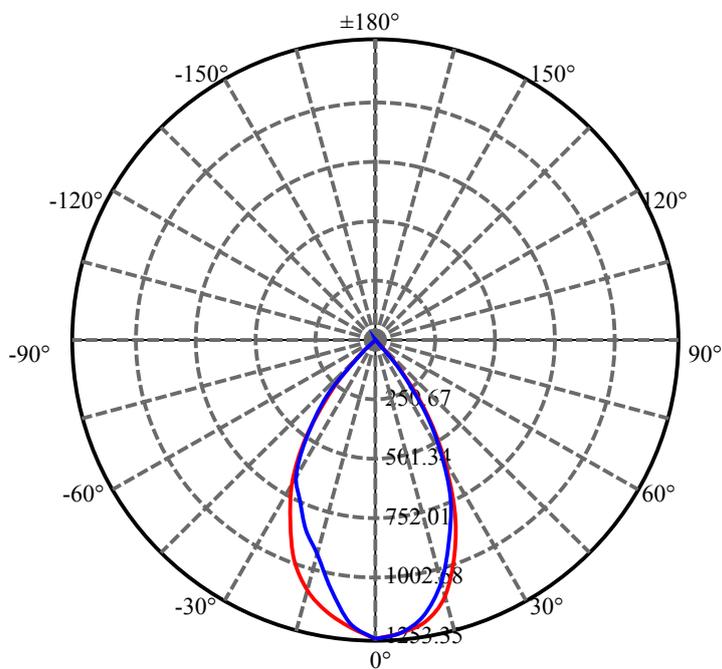
γ(°)	平均光強(cd)	環帶光通(lm)	累積光通(lm)	有效光通(%)	有效累計(%)
0.0	1248.538	.000	.000	.000%	.000%
5.0	1213.967	29.439	29.439	2.699%	2.699%
10.0	1136.379	84.079	113.518	7.708%	10.406%
15.0	1042.582	129.255	242.772	11.849%	22.255%
20.0	915.808	161.399	404.171	14.795%	37.050%
25.0	769.776	176.787	580.958	16.206%	53.256%
30.0	603.663	173.810	754.768	15.933%	69.189%
35.0	434.027	152.807	907.575	14.008%	83.197%
40.0	230.585	110.885	1018.460	10.165%	93.362%
45.0	63.306	54.416	1072.877	4.988%	98.350%
50.0	6.258	14.056	1086.933	1.289%	99.639%
55.0	2.290	1.859	1088.792	.170%	99.809%
60.0	1.321	.835	1089.626	.077%	99.886%
65.0	.791	.513	1090.140	.047%	99.933%
70.0	.518	.332	1090.471	.030%	99.963%
75.0	.301	.214	1090.685	.020%	99.983%
80.0	.201	.134	1090.819	.012%	99.995%
85.0	.000	.055	1090.874	.005%	100.000%
90.0	.000	.000	1090.874	.000%	100.000%

ZONAL LUMEN SUMMARY

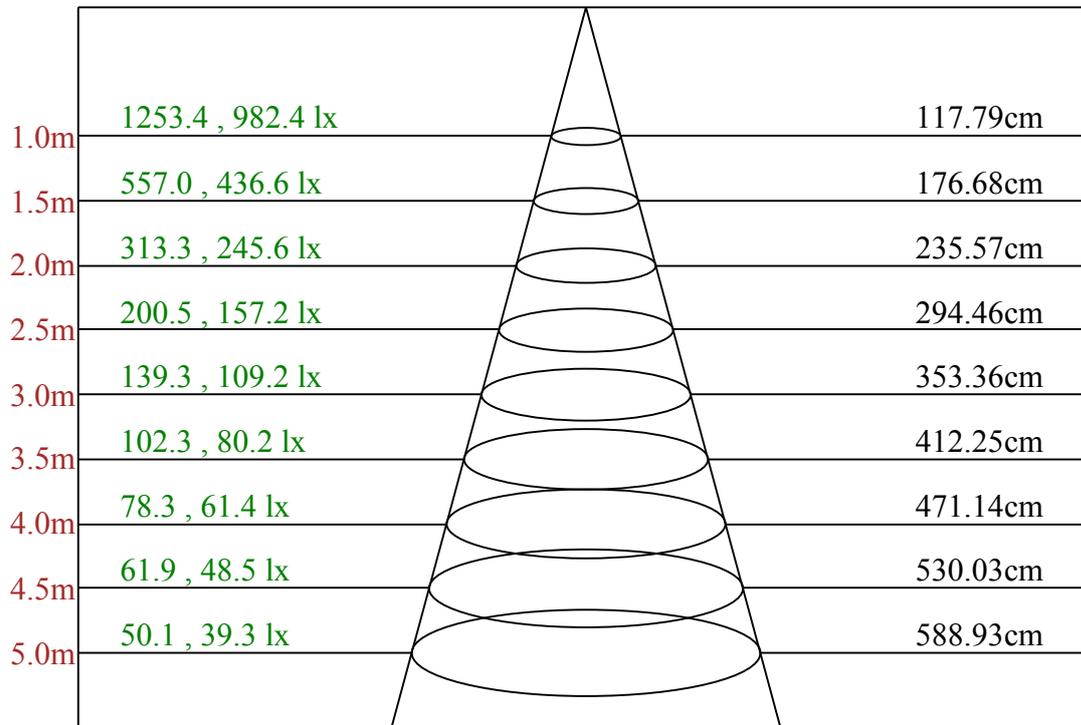
Zone	Lumens	%Fixt
0-30	754.77	69.19%
0-40	1018.46	93.36%
0-60	1089.63	99.89%
0-90	1090.87	100.00%
0-120	1090.87	100.00%
0-180	1090.87	100.00%
60-90	2.08	0.19%
90-120	0.00	0.00%
90-130	0.00	0.00%
90-150	0.00	0.00%
90-180	0.00	0.00%
0-33.86	872.70	80.00%

ZONAL LUMEN SUMMARY

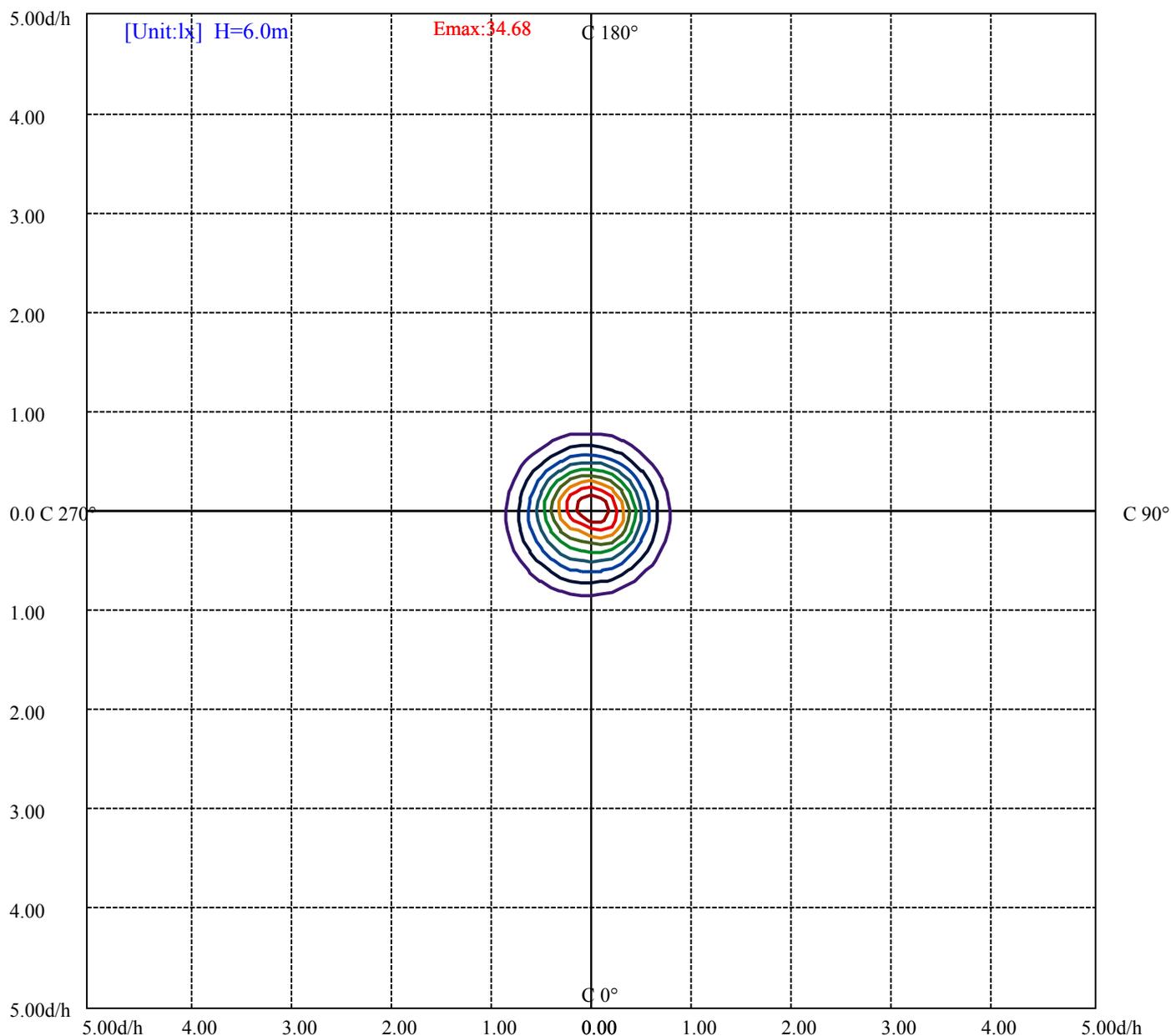
0-10	113.52
10-20	290.65
20-30	350.60
30-40	263.69
40-50	68.47
50-60	2.69
60-70	0.84
70-80	0.35
80-90	0.05
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



C0/C180: —
C90/C270: —



Max , Ave C50面光束角60.87



(10%Emax) 3.468167	—
(20%Emax) 6.936306	—
(30%Emax) 10.40447	—
(40%Emax) 13.87264	—
(50%Emax) 17.34081	—
(60%Emax) 20.80894	—
(70%Emax) 24.27711	—
(80%Emax) 27.74528	—
(90%Emax) 31.21334	—

測試設備：GMS-2000
環境溫度(°C)：24.9

測試日期：2021/5/18
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	1248.54	1225.27	1188.36	1106.51	949.24	773.11	553.66	365.09	173.32
5.0	1248.54	1231.69	1192.77	1108.92	935.60	755.86	547.64	356.27	173.72
10.0	1248.54	1225.67	1189.56	1093.67	932.79	753.86	540.02	353.86	167.70
15.0	1248.54	1230.08	1183.94	1085.25	922.76	748.64	530.79	349.85	165.70
20.0	1248.54	1228.08	1178.33	1086.05	929.98	745.03	535.20	346.24	162.09
25.0	1248.54	1234.09	1199.19	1066.79	914.34	734.60	522.76	342.22	159.68
30.0	1248.54	1238.51	1191.57	1071.61	918.35	728.58	523.17	338.21	155.67
35.0	1248.54	1240.51	1176.32	1068.00	909.12	726.57	517.15	336.21	152.06
40.0	1248.54	1249.34	1176.32	1055.56	904.71	724.97	518.75	340.22	150.85
45.0	1248.54	1246.93	1179.13	1058.37	887.06	726.57	515.54	341.02	148.44
50.0	1248.54	1253.35	1170.70	1053.96	891.87	711.33	508.72	342.22	146.84
55.0	1248.54	1230.89	1165.49	1046.73	892.27	708.92	513.14	348.64	146.84
60.0	1248.54	1240.11	1163.48	1049.94	877.43	702.50	519.15	352.25	145.64
65.0	1248.54	1229.28	1162.28	1045.93	887.46	714.54	517.15	351.05	146.84
70.0	1248.54	1243.72	1163.08	1047.94	888.26	715.74	515.94	355.87	146.84
75.0	1248.54	1230.48	1170.70	1049.94	887.06	720.56	522.76	361.08	150.85
80.0	1248.54	1228.88	1169.90	1038.71	879.83	716.54	531.59	363.09	156.87
85.0	1248.54	1236.90	1154.26	1049.14	886.65	726.17	532.39	366.70	158.88
90.0	1248.54	1228.08	1163.48	1050.34	896.28	730.59	542.42	367.10	166.90
95.0	1248.54	1228.88	1153.05	1056.76	901.90	741.02	546.03	373.92	172.12
100.0	1248.54	1230.89	1171.11	1059.57	905.51	746.23	546.44	371.91	179.74
105.0	1248.54	1233.29	1165.89	1058.77	903.10	749.84	553.66	379.94	188.56
110.0	1248.54	1230.89	1174.32	1053.15	903.50	751.05	564.09	384.75	201.80
115.0	1248.54	1240.11	1165.49	1065.99	909.92	752.65	569.71	393.58	205.82
120.0	1248.54	1233.29	1176.32	1073.21	924.37	768.30	578.13	400.00	211.83
125.0	1248.54	1224.47	1173.11	1071.61	926.37	769.90	588.16	404.81	214.64
130.0	1248.54	1227.27	1168.30	1083.64	944.43	787.16	593.78	416.45	223.07
135.0	1248.54	1225.27	1165.49	1090.46	942.02	785.95	610.63	424.87	229.89
140.0	1248.54	1230.48	1167.90	1086.05	954.46	805.61	622.66	436.11	232.30
145.0	1248.54	1228.08	1172.71	1108.52	960.48	813.23	628.28	440.92	239.92
150.0	1248.54	1221.66	1181.14	1106.11	970.10	830.49	635.10	454.16	242.73
155.0	1248.54	1223.66	1172.31	1123.36	981.74	825.67	643.53	461.78	249.95
160.0	1248.54	1219.25	1165.09	1103.70	974.92	836.91	660.38	465.79	252.36
165.0	1248.54	1210.02	1178.33	1105.31	986.15	843.73	666.39	473.02	261.58
170.0	1248.54	1210.42	1170.30	1096.08	980.13	839.71	673.62	486.66	270.01
175.0	1248.54	1208.82	1148.24	1094.08	992.17	843.32	679.23	492.67	271.21
180.0	1248.54	1203.60	1149.04	1084.85	979.33	834.50	683.25	494.28	281.64
185.0	1248.54	1206.41	1130.99	1070.00	968.90	834.50	679.23	504.31	289.27
190.0	1248.54	1203.20	1131.39	1070.40	963.68	833.70	682.04	502.30	295.28
195.0	1248.54	1197.59	1122.16	1034.30	962.48	822.86	684.45	508.32	302.51
200.0	1248.54	1199.59	1096.48	1028.28	947.64	819.65	684.05	513.14	306.92
205.0	1248.54	1194.38	1091.27	1012.63	928.78	805.61	677.63	513.54	316.55
210.0	1248.54	1190.36	1074.82	990.57	914.34	796.38	684.85	518.35	320.96
215.0	1248.54	1184.35	1070.40	979.33	895.08	781.54	676.42	517.95	319.76
220.0	1248.54	1182.74	1047.94	968.90	877.43	781.14	674.42	524.37	324.17
225.0	1248.54	1177.12	1036.70	943.62	871.01	769.50	670.01	526.78	328.58
230.0	1248.54	1173.91	1032.29	922.36	869.00	763.89	668.00	523.57	326.18
235.0	1248.54	1174.72	1024.67	921.56	852.95	765.89	667.60	521.16	325.78
240.0	1248.54	1176.32	1023.87	913.94	842.52	755.46	668.00	524.37	327.38
245.0	1248.54	1168.70	1015.44	893.88	834.90	753.86	665.99	526.38	329.79
250.0	1248.54	1167.50	1025.47	900.70	823.26	745.43	660.78	527.18	322.16
255.0	1248.54	1175.12	1025.07	901.50	827.28	743.43	658.37	517.95	316.55
260.0	1248.54	1186.35	1039.91	914.74	829.28	731.79	655.96	522.76	315.75
265.0	1248.54	1184.75	1036.30	915.94	828.48	744.23	664.39	514.74	308.12
270.0	1248.54	1186.75	1054.36	922.76	840.92	741.82	655.16	507.12	305.72
275.0	1248.54	1205.21	1051.15	940.01	848.94	745.83	653.96	507.12	291.27
280.0	1248.54	1194.78	1069.20	959.67	863.79	747.84	647.54	494.28	284.05
285.0	1248.54	1199.59	1092.07	982.94	876.62	755.06	638.71	498.69	272.82

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	1248.54	1199.59	1106.51	992.97	887.86	764.29	637.91	489.47	263.99
295.0	1248.54	1193.17	1124.17	1020.66	899.09	768.70	629.89	479.84	252.36
300.0	1248.54	1197.59	1123.36	1037.10	913.53	779.53	625.87	475.82	240.72
305.0	1248.54	1196.78	1130.99	1050.75	929.58	777.13	623.47	458.97	233.10
310.0	1248.54	1202.40	1140.61	1070.81	945.23	783.95	618.25	454.56	222.67
315.0	1248.54	1200.79	1159.47	1084.45	945.23	793.58	609.42	444.53	216.25
320.0	1248.54	1202.00	1160.27	1100.49	961.68	798.39	611.43	431.69	213.04
325.0	1248.54	1214.03	1157.06	1096.08	964.49	796.79	602.60	420.06	204.21
330.0	1248.54	1215.24	1154.66	1106.51	962.48	797.59	581.74	418.05	196.19
335.0	1248.54	1215.64	1181.94	1106.91	972.11	805.21	581.74	397.59	191.77
340.0	1248.54	1238.51	1173.11	1108.52	971.31	784.75	578.13	400.40	192.18
345.0	1248.54	1233.29	1184.75	1124.57	961.68	786.35	573.72	383.15	184.15
350.0	1248.54	1235.70	1184.75	1106.51	965.29	782.34	566.90	379.94	180.54
355.0	1248.54	1229.28	1188.76	1116.94	959.67	775.92	554.06	368.70	176.53
360.0	1248.54	1225.27	1188.36	1106.51	949.24	773.11	553.66	365.09	173.32

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	32.10	4.41	1.60	1.20	0.40	0.40	0.00	0.00	0.00
5.0	27.68	4.41	1.60	1.20	0.40	0.40	0.00	0.00	0.00
10.0	24.07	4.41	1.60	1.20	0.40	0.40	0.00	0.00	0.00
15.0	20.86	4.01	1.60	1.20	0.40	0.40	0.00	0.00	0.00
20.0	18.86	4.01	1.60	1.20	0.40	0.40	0.00	0.00	0.00
25.0	17.25	4.01	1.60	1.20	0.40	0.40	0.00	0.00	0.00
30.0	15.65	4.01	1.60	1.20	0.40	0.40	0.00	0.00	0.00
35.0	14.44	4.01	1.60	1.20	0.40	0.40	0.00	0.00	0.00
40.0	13.64	3.61	1.60	0.80	0.40	0.40	0.00	0.00	0.00
45.0	13.24	3.61	1.60	1.20	0.40	0.40	0.00	0.00	0.00
50.0	12.84	3.61	1.60	1.20	0.40	0.40	0.00	0.00	0.00
55.0	12.84	3.61	1.60	1.20	0.40	0.40	0.00	0.00	0.00
60.0	12.84	3.61	1.60	0.80	0.40	0.40	0.40	0.00	0.00
65.0	12.84	3.61	1.60	0.80	0.40	0.40	0.40	0.00	0.00
70.0	13.24	3.61	1.60	0.80	0.40	0.40	0.40	0.00	0.00
75.0	14.04	3.61	1.60	0.80	0.40	0.40	0.40	0.00	0.00
80.0	14.44	3.61	1.60	1.20	0.80	0.40	0.40	0.00	0.00
85.0	15.65	4.01	1.60	1.20	0.80	0.40	0.40	0.00	0.00
90.0	16.85	4.01	1.60	1.20	0.80	0.40	0.40	0.40	0.00
95.0	18.86	4.01	2.01	1.20	0.80	0.40	0.40	0.40	0.00
100.0	21.26	4.01	2.01	1.20	0.80	0.40	0.40	0.40	0.00
105.0	24.47	4.01	2.01	1.20	0.80	0.40	0.40	0.40	0.00
110.0	28.49	4.41	2.01	1.20	0.80	0.40	0.40	0.40	0.00
115.0	34.50	4.41	2.01	1.20	0.80	0.40	0.40	0.40	0.00
120.0	39.72	4.81	2.01	1.20	0.80	0.40	0.40	0.40	0.00
125.0	46.94	4.81	2.01	1.20	0.80	0.40	0.40	0.40	0.00
130.0	54.96	5.22	2.01	1.20	0.80	0.40	0.40	0.40	0.00
135.0	62.99	5.22	2.41	1.60	0.80	0.40	0.40	0.40	0.00
140.0	70.61	5.62	2.41	1.60	0.80	0.80	0.40	0.40	0.00
145.0	77.03	6.02	2.41	1.60	0.80	0.80	0.40	0.40	0.00
150.0	85.05	6.02	2.41	1.60	0.80	0.80	0.40	0.40	0.00
155.0	91.47	6.42	2.41	1.60	0.80	0.80	0.40	0.40	0.00
160.0	94.68	6.82	2.81	1.60	1.20	0.80	0.40	0.40	0.00
165.0	102.71	6.82	2.81	1.60	1.20	0.80	0.40	0.40	0.00
170.0	105.92	7.22	2.81	1.60	1.20	0.80	0.40	0.40	0.00
175.0	109.93	8.02	2.81	1.60	1.20	0.80	0.40	0.40	0.00
180.0	113.54	9.23	2.81	1.60	1.20	0.80	0.40	0.40	0.00
185.0	117.55	10.03	2.81	1.60	1.20	0.80	0.40	0.40	0.00
190.0	116.75	10.83	3.21	1.60	1.20	0.80	0.40	0.40	0.00
195.0	120.36	11.23	3.21	1.60	1.20	0.80	0.40	0.40	0.00
200.0	118.35	11.63	3.21	1.60	1.20	0.80	0.40	0.40	0.00
205.0	119.56	11.63	3.21	1.60	1.20	0.80	0.40	0.40	0.00
210.0	120.36	11.23	3.21	1.60	1.20	0.80	0.40	0.40	0.00
215.0	118.76	10.83	3.21	1.60	1.20	0.80	0.40	0.40	0.00
220.0	118.35	10.43	3.21	1.60	1.20	0.80	0.40	0.40	0.00
225.0	116.35	10.03	3.21	1.60	1.20	0.80	0.40	0.40	0.00
230.0	115.14	9.63	3.21	1.60	1.20	0.80	0.40	0.40	0.00
235.0	113.94	9.23	3.21	1.60	0.80	0.80	0.40	0.40	0.00
240.0	110.33	8.83	3.21	1.60	0.80	0.80	0.40	0.40	0.00
245.0	106.72	8.43	3.21	1.60	0.80	0.40	0.40	0.40	0.00
250.0	102.31	8.43	2.81	1.60	0.80	0.40	0.40	0.40	0.00
255.0	99.90	8.02	2.81	1.60	0.80	0.40	0.40	0.40	0.00
260.0	96.69	8.02	2.81	1.60	0.80	0.40	0.40	0.40	0.00
265.0	92.28	7.62	2.81	1.20	0.80	0.40	0.40	0.40	0.00
270.0	88.26	7.22	2.81	1.20	0.80	0.40	0.40	0.00	0.00
275.0	85.46	7.22	2.81	1.20	0.80	0.40	0.40	0.00	0.00
280.0	82.25	7.22	2.41	1.20	0.80	0.40	0.40	0.00	0.00
285.0	78.64	6.82	2.41	1.20	0.80	0.40	0.40	0.00	0.00

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	76.63	6.42	2.41	1.20	0.80	0.40	0.40	0.00	0.00
295.0	73.42	6.42	2.41	1.20	0.80	0.40	0.40	0.00	0.00
300.0	70.21	6.02	2.41	1.20	0.80	0.40	0.40	0.00	0.00
305.0	68.20	6.02	2.41	1.20	0.80	0.40	0.40	0.00	0.00
310.0	66.60	6.02	2.01	1.20	0.80	0.40	0.40	0.00	0.00
315.0	63.39	6.02	2.01	1.20	0.80	0.40	0.40	0.00	0.00
320.0	61.38	5.62	2.01	1.20	0.80	0.40	0.40	0.00	0.00
325.0	58.58	5.62	2.01	1.20	0.80	0.40	0.40	0.00	0.00
330.0	56.17	5.62	2.01	1.20	0.80	0.40	0.00	0.00	0.00
335.0	52.96	5.22	2.01	1.20	0.80	0.40	0.00	0.00	0.00
340.0	47.74	5.22	2.01	1.20	0.80	0.40	0.00	0.00	0.00
345.0	43.33	5.22	2.01	1.20	0.80	0.40	0.00	0.00	0.00
350.0	39.32	4.81	1.60	1.20	0.80	0.40	0.00	0.00	0.00
355.0	35.31	4.81	2.01	1.20	0.40	0.40	0.00	0.00	0.00
360.0	32.10	4.41	1.60	1.20	0.40	0.40	0.00	0.00	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