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## 十方光電科技有限公司

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燈具名稱: LED洗牆燈	
燈具描述: OF22-2406	
報告編號: 18-0555-29	電壓(V): 220.0400
測試編號: 18-0555-29	電流(A): 0.2580
光源規格型號: LED	功率(W): 24.8600
每個光源光通量(lm)	功率因數: 0.4380
光源數量: 1	鎮流器型號: MW/NES-200-24
發光面長度(mm): 1015	發光面寬度(mm): 40
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): 1603.10  
燈具效能(lm/w): 64.49  
中心光強(cd): 1987.741  
最大光強(cd): 2188.052  
最大光強角度: C=185.0  $\gamma$ =10.0  
半峰邊角(50%Imax): [C0/180]Left=28.3 Right=18.0  
                                  [C90/270]Left=25.4 Right=25.5  
光束擴散角(10%Imax): [C0/180]Left=43.8 Right=38.3  
                                  [C90/270]Left=43.2 Right=43.0

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測試設備: GMS-2000  
環境溫度(°C): 24.6

測試日期: 2020/8/21  
環境濕度(%): 57.0%

測試人員: 廖美瑜  
測試距離(m): 15.62

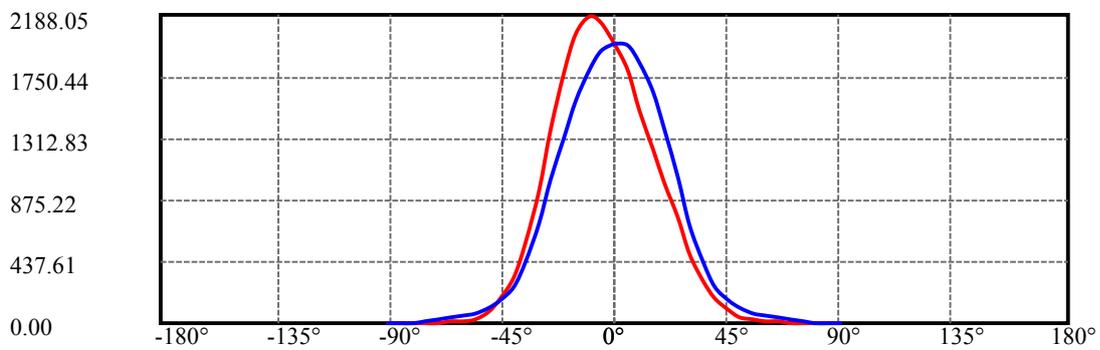
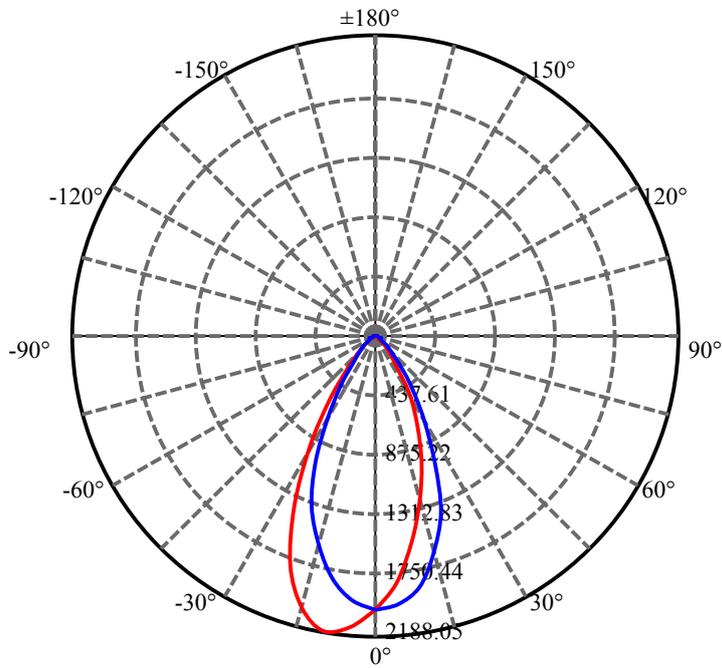
γ(°)	平均光強(cd)	環帶光通(lm)	累積光通(lm)	有效光通(%)	有效累計(%)
0.0	1987.741	.000	.000	.000%	.000%
5.0	1965.023	47.254	47.254	2.948%	2.948%
10.0	1843.760	136.252	183.506	8.499%	11.447%
15.0	1643.126	206.840	390.346	12.902%	24.349%
20.0	1376.838	248.888	639.234	15.525%	39.875%
25.0	1048.787	254.403	893.637	15.869%	55.744%
30.0	710.208	222.602	1116.239	13.886%	69.630%
35.0	438.162	169.106	1285.345	10.549%	80.178%
40.0	258.393	116.215	1401.560	7.249%	87.428%
45.0	151.836	75.957	1477.517	4.738%	92.166%
50.0	88.041	48.471	1525.988	3.024%	95.190%
55.0	50.901	30.211	1556.198	1.885%	97.074%
60.0	31.264	18.992	1575.191	1.185%	98.259%
65.0	20.041	12.472	1587.663	.778%	99.037%
70.0	12.111	8.141	1595.804	.508%	99.545%
75.0	5.527	4.610	1600.414	.288%	99.832%
80.0	2.064	2.031	1602.445	.127%	99.959%
85.0	.183	.610	1603.056	.038%	99.997%
90.0	.000	.050	1603.106	.003%	100.000%

ZONAL LUMEN SUMMARY

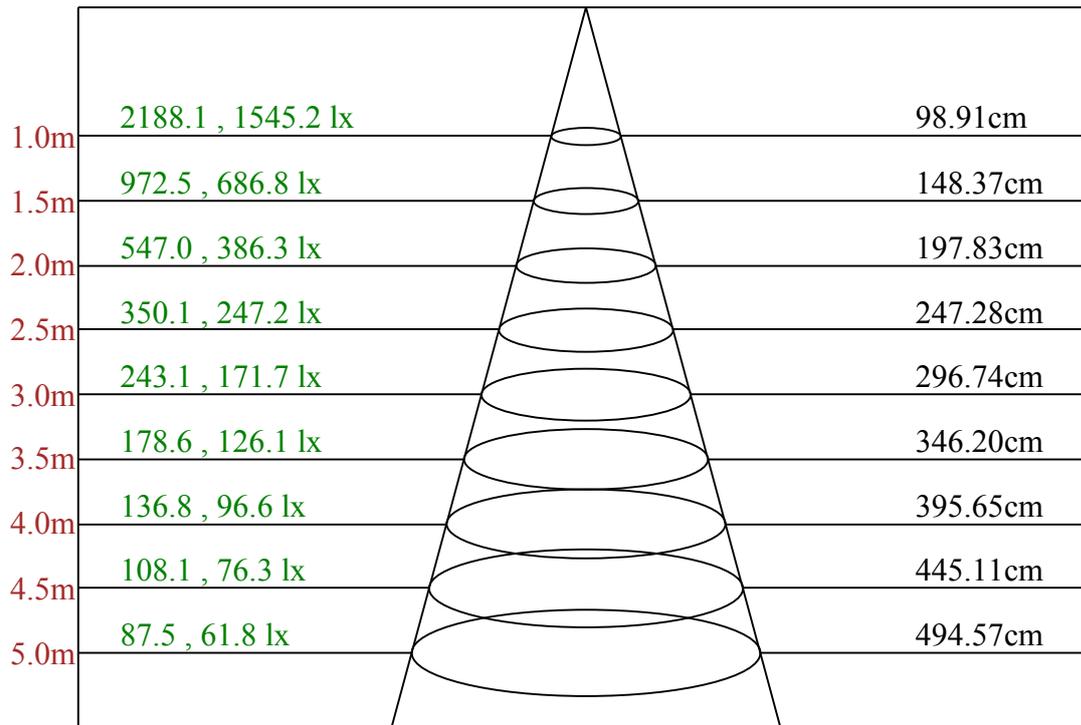
Zone	Lumens	%Fixt
0-30	1116.24	69.63%
0-40	1401.56	87.43%
0-60	1575.19	98.26%
0-90	1603.06	100.00%
0-120	1603.06	100.00%
0-180	1603.11	100.00%
60-90	46.86	2.92%
90-120	0.00	0.00%
90-130	0.00	0.00%
90-150	0.00	0.00%
90-180	0.00	0.00%
0-34.92	1282.48	80.00%

ZONAL LUMEN SUMMARY

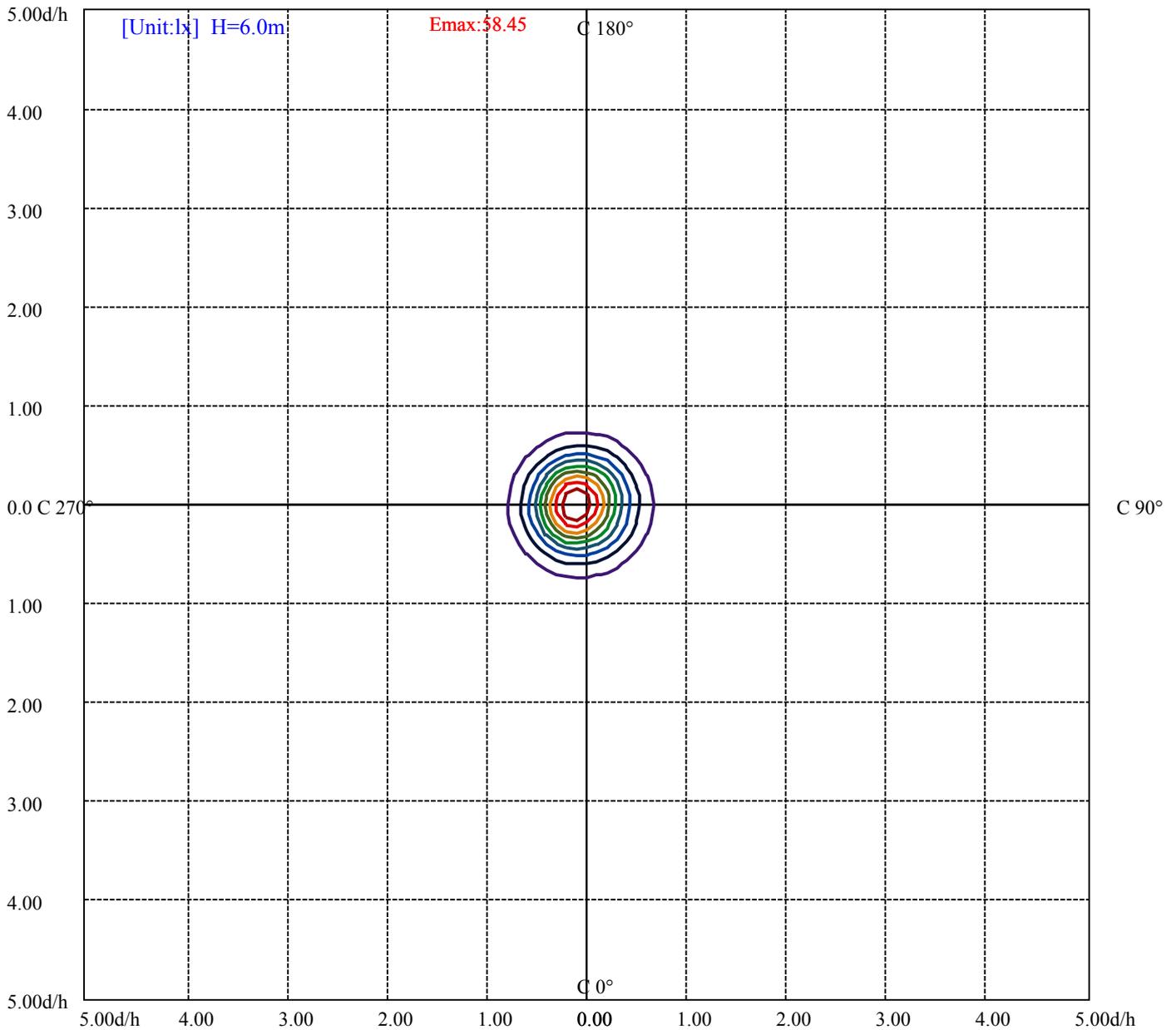
0-10	183.51
10-20	455.73
20-30	477.01
30-40	285.32
40-50	124.43
50-60	49.20
60-70	20.61
70-80	6.64
80-90	0.61
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



C0/C180: —  
C90/C270: —



Max , Ave C185面光束角52.31



- (10%Emax) 5.845305
- (20%Emax) 11.69061
- (30%Emax) 17.53592
- (40%Emax) 23.38122
- (50%Emax) 29.22639
- (60%Emax) 35.07195
- (70%Emax) 40.91722
- (80%Emax) 46.7625
- (90%Emax) 52.60778

測試設備：GMS-2000  
環境溫度(°C)：24.6

測試日期：2020/8/21  
環境濕度(%)：57.0%

測試人員：廖美瑜  
測試距離(m)：15.62

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	1987.74	1800.61	1508.31	1237.25	989.36	740.74	495.78	302.30	174.94
5.0	1987.74	1807.44	1517.83	1247.49	997.65	744.64	497.48	302.78	175.67
10.0	1987.74	1807.68	1522.22	1251.88	1002.04	749.28	499.68	304.25	177.38
15.0	1987.74	1809.88	1531.49	1261.16	1008.63	755.13	502.85	306.44	178.84
20.0	1987.74	1813.05	1542.96	1270.92	1017.17	762.21	508.46	308.88	181.04
25.0	1987.74	1825.98	1557.11	1293.85	1038.89	776.11	515.30	313.52	183.72
30.0	1987.74	1830.13	1571.26	1310.20	1054.99	787.58	524.08	321.33	187.87
35.0	1987.74	1839.64	1591.27	1333.62	1072.07	800.27	533.35	327.43	192.26
40.0	1987.74	1854.04	1616.40	1364.36	1092.81	816.13	545.55	335.48	198.85
45.0	1987.74	1867.70	1642.75	1388.27	1124.52	836.62	559.46	342.55	203.48
50.0	1987.74	1881.61	1661.29	1415.35	1146.97	855.41	570.19	352.31	211.05
55.0	1987.74	1895.03	1688.37	1444.63	1175.76	873.95	583.61	361.83	217.63
60.0	1987.74	1906.49	1714.48	1475.86	1197.72	897.13	598.98	371.34	222.51
65.0	1987.74	1920.65	1734.97	1498.31	1224.56	917.87	615.57	378.91	228.86
70.0	1987.74	1937.97	1768.89	1528.56	1257.25	943.00	633.63	390.38	235.44
75.0	1987.74	1947.73	1794.26	1560.77	1285.31	960.08	646.80	400.62	242.03
80.0	1987.74	1943.09	1808.41	1588.34	1307.27	979.60	659.98	409.41	247.89
85.0	1987.74	1946.26	1825.74	1612.01	1332.40	1000.09	674.86	416.73	251.30
90.0	1987.74	1965.54	1850.13	1640.80	1367.29	1030.10	694.62	428.19	257.89
95.0	1987.74	1984.08	1884.54	1687.88	1407.79	1064.02	712.19	442.34	265.94
100.0	1987.74	2002.38	1918.45	1728.39	1442.92	1084.76	730.73	452.84	273.26
105.0	1987.74	2009.21	1940.16	1764.50	1473.67	1110.13	749.52	462.84	277.65
110.0	1987.74	2020.68	1964.32	1801.83	1504.90	1135.02	768.79	478.21	283.27
115.0	1987.74	2040.44	1999.70	1824.27	1542.47	1174.05	793.44	486.99	291.07
120.0	1987.74	2062.16	2026.78	1866.48	1583.95	1201.38	807.34	498.70	294.00
125.0	1987.74	2077.04	2054.35	1898.93	1612.74	1222.85	823.45	505.29	299.12
130.0	1987.74	2083.14	2074.36	1924.06	1632.50	1240.91	838.09	515.78	303.76
135.0	1987.74	2088.99	2088.99	1938.70	1656.41	1266.28	853.70	522.86	305.96
140.0	1987.74	2097.53	2103.63	1960.90	1678.86	1281.89	867.12	529.69	309.13
145.0	1987.74	2106.81	2122.42	1983.11	1701.79	1298.24	876.88	536.52	310.84
150.0	1987.74	2113.64	2134.38	1997.01	1719.60	1315.32	886.64	541.40	312.79
155.0	1987.74	2115.59	2143.16	2005.31	1725.46	1325.81	895.91	548.23	314.50
160.0	1987.74	2114.13	2149.26	2011.90	1735.22	1337.03	905.43	553.11	318.16
165.0	1987.74	2114.61	2154.14	2017.75	1744.00	1345.82	907.62	557.99	320.35
170.0	1987.74	2129.25	2171.46	2043.61	1765.96	1358.02	920.80	562.63	324.26
175.0	1987.74	2125.10	2167.80	2039.47	1765.23	1363.14	925.92	566.78	326.94
180.0	1987.74	2129.25	2176.34	2051.67	1777.43	1374.36	934.22	572.14	329.87
185.0	1987.74	2137.06	2188.05	2064.84	1786.70	1380.46	936.90	573.36	330.35
190.0	1987.74	2129.01	2183.66	2062.89	1785.72	1380.71	937.88	576.05	332.31
195.0	1987.74	2122.66	2176.59	2058.25	1784.01	1376.80	936.66	575.56	333.77
200.0	1987.74	2117.54	2167.07	2051.18	1778.89	1372.41	932.51	573.12	333.04
205.0	1987.74	2117.54	2165.61	2050.20	1777.91	1368.02	929.58	573.61	334.01
210.0	1987.74	2114.37	2148.28	2031.90	1759.37	1361.43	925.19	572.14	333.04
215.0	1987.74	2095.09	2129.74	2019.95	1747.17	1344.84	916.89	567.26	332.79
220.0	1987.74	2093.63	2115.83	1996.28	1724.24	1328.74	910.55	563.60	333.04
225.0	1987.74	2084.60	2095.58	1975.30	1706.18	1312.15	895.91	556.77	329.13
230.0	1987.74	2074.11	2071.67	1946.75	1673.49	1290.92	884.44	549.45	327.43
235.0	1987.74	2063.13	2050.45	1913.81	1641.28	1262.13	866.88	539.45	320.60
240.0	1987.74	2052.15	2019.22	1869.16	1607.86	1235.29	844.19	529.69	315.72
245.0	1987.74	2036.54	1980.91	1819.88	1551.25	1202.84	828.82	516.03	308.88
250.0	1987.74	2018.97	1952.85	1773.28	1510.75	1170.64	807.83	503.10	300.34
255.0	1987.74	2001.16	1916.99	1737.90	1470.01	1132.33	783.92	487.97	293.27
260.0	1987.74	1965.29	1870.38	1681.78	1419.01	1092.56	751.47	474.55	283.02
265.0	1987.74	1942.36	1826.22	1619.32	1362.41	1053.04	723.66	454.05	273.51
270.0	1987.74	1931.38	1792.55	1582.00	1324.59	1016.93	704.14	440.88	264.72
275.0	1987.74	1926.99	1766.94	1552.47	1295.31	999.12	686.33	428.44	256.43
280.0	1987.74	1917.23	1741.07	1508.31	1265.55	967.89	661.20	414.04	250.08
285.0	1987.74	1896.74	1714.23	1480.01	1223.09	938.12	638.02	400.38	241.54

十方光電科技有限公司 十方光電科技有限公司 LED洗牆燈

光強數據表(cd)

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C/γ(°)	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0
290.0	1987.74	1883.07	1685.69	1446.58	1187.47	905.43	624.84	389.40	232.76
295.0	1987.74	1877.22	1659.09	1412.91	1161.37	890.79	609.23	378.18	226.17
300.0	1987.74	1869.90	1642.26	1384.61	1135.75	870.29	590.69	367.44	218.37
305.0	1987.74	1863.07	1623.96	1357.53	1111.11	848.82	573.61	355.97	212.75
310.0	1987.74	1850.62	1597.85	1335.81	1085.24	822.47	557.75	346.95	206.90
315.0	1987.74	1840.37	1579.31	1309.71	1062.80	806.86	548.23	338.16	199.82
320.0	1987.74	1824.03	1560.52	1285.55	1041.57	793.19	536.52	330.60	192.99
325.0	1987.74	1818.90	1547.11	1273.11	1031.08	780.75	526.76	323.04	189.33
330.0	1987.74	1814.51	1531.73	1257.98	1015.22	766.36	515.54	315.96	184.70
335.0	1987.74	1804.02	1515.88	1246.52	1000.58	753.42	507.49	310.59	180.30
340.0	1987.74	1797.92	1504.16	1234.81	990.09	744.88	500.90	306.93	177.86
345.0	1987.74	1790.60	1500.75	1227.73	981.31	738.30	495.04	302.05	175.91
350.0	1987.74	1801.58	1506.12	1235.05	987.40	741.47	495.29	302.54	175.42
355.0	1987.74	1793.77	1500.02	1232.37	983.01	737.32	492.12	301.32	174.45
360.0	1987.74	1800.61	1508.31	1237.25	989.36	740.74	495.78	302.30	174.94

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	94.18	43.92	22.45	14.15	8.78	5.61	3.42	1.22	0.24
5.0	95.64	45.14	22.45	14.15	8.78	5.61	3.17	1.46	0.00
10.0	98.08	47.09	23.18	14.40	9.03	5.86	3.17	1.46	0.24
15.0	101.01	50.02	24.15	14.64	9.03	5.86	3.17	1.22	0.00
20.0	103.94	54.41	25.62	14.88	9.52	5.86	2.93	1.22	0.00
25.0	106.38	58.56	28.55	15.37	10.00	5.86	2.93	1.22	0.00
30.0	108.82	62.95	32.21	16.35	10.25	5.86	2.93	0.98	0.00
35.0	111.74	66.12	37.09	18.30	10.74	6.10	3.17	0.98	0.00
40.0	116.14	69.05	41.48	22.45	11.47	6.59	3.17	1.22	0.00
45.0	121.50	71.98	44.16	25.62	13.42	7.08	3.66	1.22	0.00
50.0	126.63	76.12	46.60	28.79	16.35	7.81	3.66	1.22	0.00
55.0	131.26	81.49	50.75	31.23	19.27	9.76	4.39	1.46	0.00
60.0	136.88	86.61	56.36	36.35	20.98	11.96	5.37	1.71	0.00
65.0	141.02	90.76	61.97	43.19	26.11	14.40	6.83	2.20	0.00
70.0	145.17	94.18	65.14	47.33	34.65	19.27	8.05	3.17	0.24
75.0	148.10	96.86	67.34	50.26	39.28	28.55	10.98	3.90	0.49
80.0	152.49	98.81	69.29	51.97	40.75	29.52	11.71	4.39	0.98
85.0	155.66	100.52	70.27	52.70	41.48	28.79	11.47	4.64	0.98
90.0	158.83	102.96	71.49	53.19	41.72	28.55	11.47	4.39	0.98
95.0	163.71	105.65	72.71	53.68	41.48	29.28	11.47	4.64	0.98
100.0	166.40	106.62	72.95	53.43	40.75	29.52	11.96	4.64	0.49
105.0	169.57	107.84	72.95	52.46	38.31	24.89	9.76	3.42	0.24
110.0	172.25	109.55	72.95	49.77	32.69	17.08	7.56	2.68	0.24
115.0	175.67	109.79	71.00	46.11	26.84	14.40	6.10	1.95	0.00
120.0	177.62	109.31	67.83	40.99	24.15	11.96	5.12	1.71	0.00
125.0	179.08	107.84	64.66	38.79	21.47	9.76	4.39	1.46	0.00
130.0	179.08	106.13	63.19	36.60	17.81	7.81	3.90	1.46	0.00
135.0	178.60	105.16	61.73	32.21	14.15	7.32	3.66	1.22	0.00
140.0	179.08	104.91	58.31	26.84	12.20	6.83	3.66	1.22	0.00
145.0	179.33	103.45	53.68	21.71	11.22	6.34	3.42	1.22	0.00
150.0	179.82	101.01	46.85	18.79	10.74	6.10	3.42	1.22	0.00
155.0	180.30	96.37	39.53	17.32	10.49	6.10	3.17	1.22	0.00
160.0	180.79	91.49	35.38	16.59	10.00	5.86	3.17	1.22	0.00
165.0	180.55	85.88	32.69	16.35	10.00	5.86	3.17	1.22	0.00
170.0	181.04	84.17	31.72	16.10	9.52	5.86	3.42	1.46	0.24
175.0	182.01	82.22	30.74	15.86	9.76	5.86	3.42	1.46	0.00
180.0	182.74	82.47	30.99	15.86	9.76	5.61	3.17	1.46	0.00
185.0	185.43	85.88	31.96	16.10	9.76	5.61	3.17	1.46	0.24
190.0	187.87	90.76	33.43	16.59	10.00	5.86	3.17	1.46	0.00
195.0	190.55	95.64	37.09	17.08	10.25	5.86	3.42	1.46	0.00
200.0	192.26	102.47	42.70	17.81	10.49	6.10	3.17	1.46	0.00
205.0	192.26	108.57	49.77	20.01	10.98	6.10	3.42	1.22	0.00
210.0	193.72	112.48	57.58	22.69	11.71	6.59	3.66	1.22	0.00
215.0	193.72	113.94	63.68	28.30	12.44	6.83	3.66	1.46	0.00
220.0	194.70	113.94	67.34	34.89	14.88	7.32	3.66	1.46	0.00
225.0	195.19	115.89	68.80	40.26	18.05	7.81	3.90	1.46	0.00
230.0	193.97	116.62	70.27	41.72	23.18	10.00	4.64	1.71	0.00
235.0	192.75	118.09	72.95	43.67	25.86	13.18	5.12	1.95	0.00
240.0	189.58	117.36	74.90	47.33	28.06	15.37	6.59	1.95	0.00
245.0	185.67	116.14	76.12	51.48	33.43	17.57	8.54	2.68	0.24
250.0	182.26	114.43	76.12	53.68	38.06	23.42	10.49	3.90	0.24
255.0	177.62	112.23	75.15	53.92	40.26	28.79	12.69	4.64	0.49
260.0	172.01	109.06	73.93	53.43	40.26	28.55	12.20	4.88	1.22
265.0	165.91	105.89	71.98	52.21	40.01	27.81	11.71	4.88	1.22
270.0	161.03	102.72	70.27	51.48	39.53	27.33	11.47	4.64	0.98
275.0	157.37	100.03	68.56	50.26	38.55	27.57	11.71	4.39	0.98
280.0	151.03	96.62	65.63	48.55	37.09	26.11	11.22	4.15	0.73
285.0	145.66	92.96	63.68	46.11	33.43	18.54	8.78	3.17	0.24

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	141.02	90.03	60.75	41.72	25.37	14.88	7.08	2.20	0.00
295.0	137.36	86.13	55.63	35.38	21.71	12.20	5.37	1.71	0.00
300.0	131.51	81.49	50.26	31.72	19.27	10.00	4.39	1.46	0.00
305.0	126.14	76.37	46.36	29.03	16.35	7.81	3.66	1.22	0.00
310.0	121.26	71.49	44.16	25.86	13.18	6.83	3.42	1.22	0.00
315.0	115.89	69.29	40.99	21.96	11.47	6.59	3.17	0.98	0.00
320.0	112.48	66.36	36.60	18.54	10.74	6.10	3.17	0.98	0.00
325.0	109.31	62.70	31.72	16.59	10.25	5.86	3.17	1.22	0.00
330.0	106.13	57.58	28.55	15.62	10.00	5.86	3.17	1.22	0.00
335.0	102.96	53.68	25.62	14.88	9.52	5.61	2.93	1.22	0.00
340.0	99.79	49.53	23.91	14.64	9.27	5.61	2.93	1.22	0.00
345.0	97.35	46.36	23.18	14.40	9.03	5.61	3.17	1.22	0.00
350.0	95.15	44.65	22.69	14.15	8.78	5.61	3.17	1.46	0.24
355.0	94.18	44.16	22.20	14.15	8.78	5.86	3.17	1.46	0.00
360.0	94.18	43.92	22.45	14.15	8.78	5.61	3.42	1.22	0.24

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