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十方光電科技有限公司

燈具名稱: LED戶外燈
燈具描述: OE16-1203BH
報告編號: 18-0555-31
測試編號: 18-0555-31
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): 130
測試模式: C

電壓(V): 220.0500
電流(A): 0.0700
功率(W): 14.4040
功率因數: 0.9360
鎮流器型號:
發光面寬度(mm): 148
發光面高度(mm): 145

光度結果

燈具光通量(lm): 1028.58
燈具效能(lm/w): 71.41
中心光強(cd): 1697.649
最大光強(cd): 1725.123
最大光強角度: C=150.0 γ =5.0
半峰邊角(50%Imax): [C0/180]Left=22.4 Right=19.8
[C90/270]Left=21.7 Right=21.6
光束擴散角(10%Imax): [C0/180]Left=37.4 Right=37.0
[C90/270]Left=38.7 Right=36.4

測試設備: GMS-2000
環境溫度(°C): 24.5

測試日期: 2020/8/4
環境濕度(%): 63.0%

測試人員: 廖苡汎
測試距離(m): 20.10

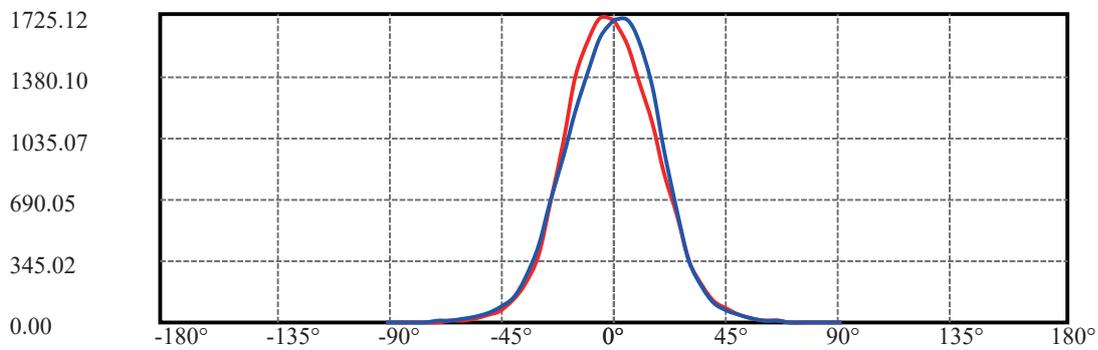
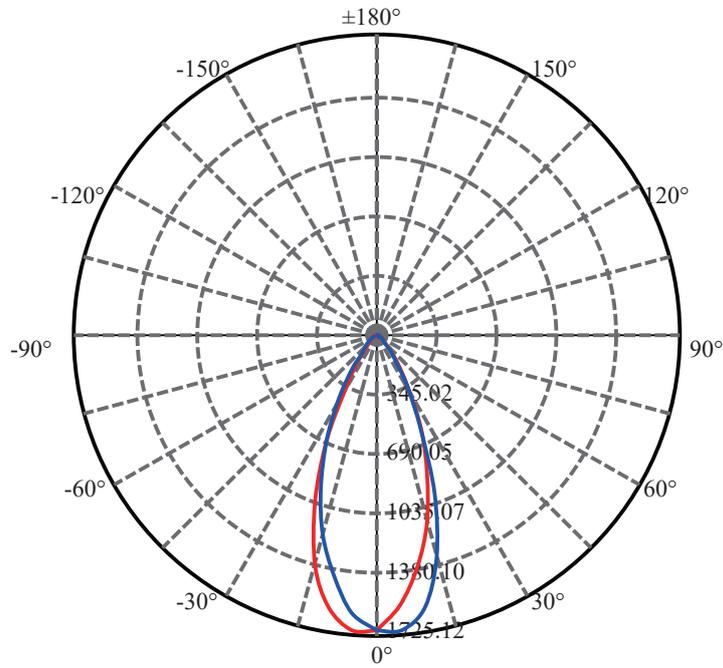
γ(°)	平均光強(cd)	環帶光通(lm)	累積光通(lm)	有效光通(%)	有效累計(%)
0.0	1697.649	.000	.000	.000%	.000%
5.0	1636.325	39.857	39.857	3.875%	3.875%
10.0	1482.655	111.576	151.432	10.848%	14.722%
15.0	1248.587	162.016	313.448	15.751%	30.474%
20.0	941.523	180.496	493.944	17.548%	48.022%
25.0	635.289	165.378	659.322	16.078%	64.100%
30.0	375.224	127.881	787.204	12.433%	76.533%
35.0	212.139	86.493	873.697	8.409%	84.942%
40.0	122.679	55.862	929.559	5.431%	90.373%
45.0	73.154	36.260	965.819	3.525%	93.898%
50.0	43.863	23.645	989.464	2.299%	96.197%
55.0	26.906	15.388	1004.851	1.496%	97.693%
60.0	15.936	9.903	1014.754	.963%	98.656%
65.0	8.989	6.059	1020.813	.589%	99.245%
70.0	4.904	3.518	1024.331	.342%	99.587%
75.0	3.024	2.072	1026.404	.201%	99.788%
80.0	1.930	1.326	1027.729	.129%	99.917%
85.0	.600	.688	1028.417	.067%	99.984%
90.0	.000	.164	1028.582	.016%	100.000%

ZONAL LUMEN SUMMARY

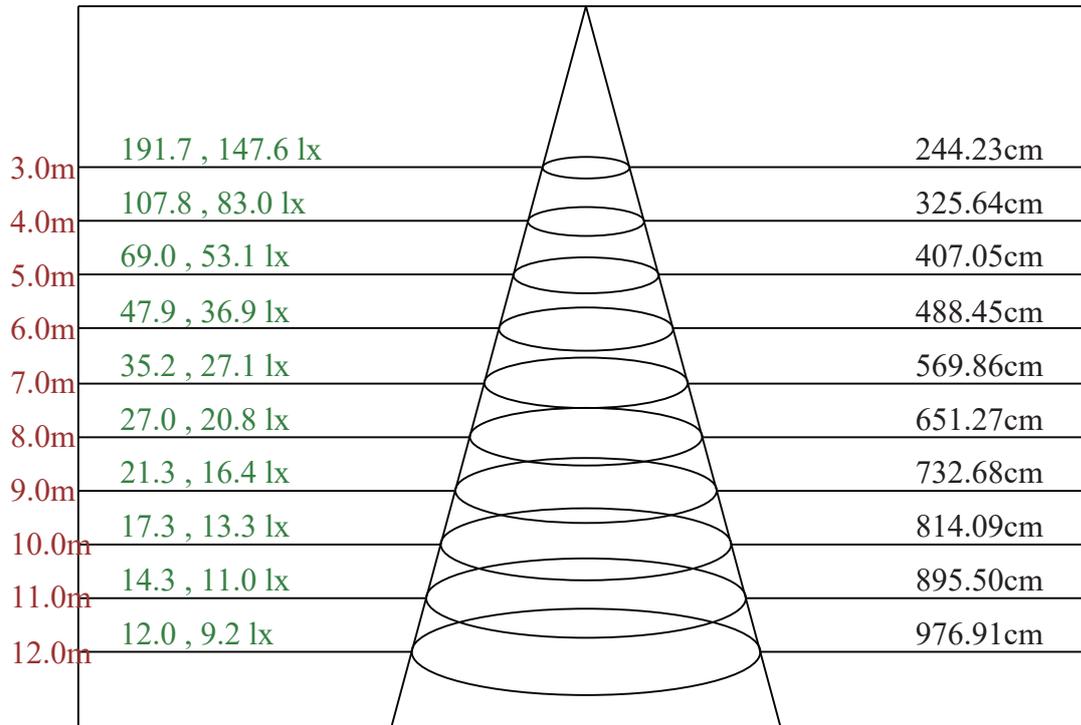
Zone	Lumens	%Fixt
0-30	787.20	76.53%
0-40	929.56	90.37%
0-60	1014.75	98.66%
0-90	1028.42	99.98%
0-120	1028.42	99.98%
0-180	1028.58	100.00%
60-90	23.57	2.29%
90-120	0.00	0.00%
90-130	0.00	0.00%
90-150	0.00	0.00%
90-180	0.00	0.00%
0-32.06	822.87	80.00%

ZONAL LUMEN SUMMARY

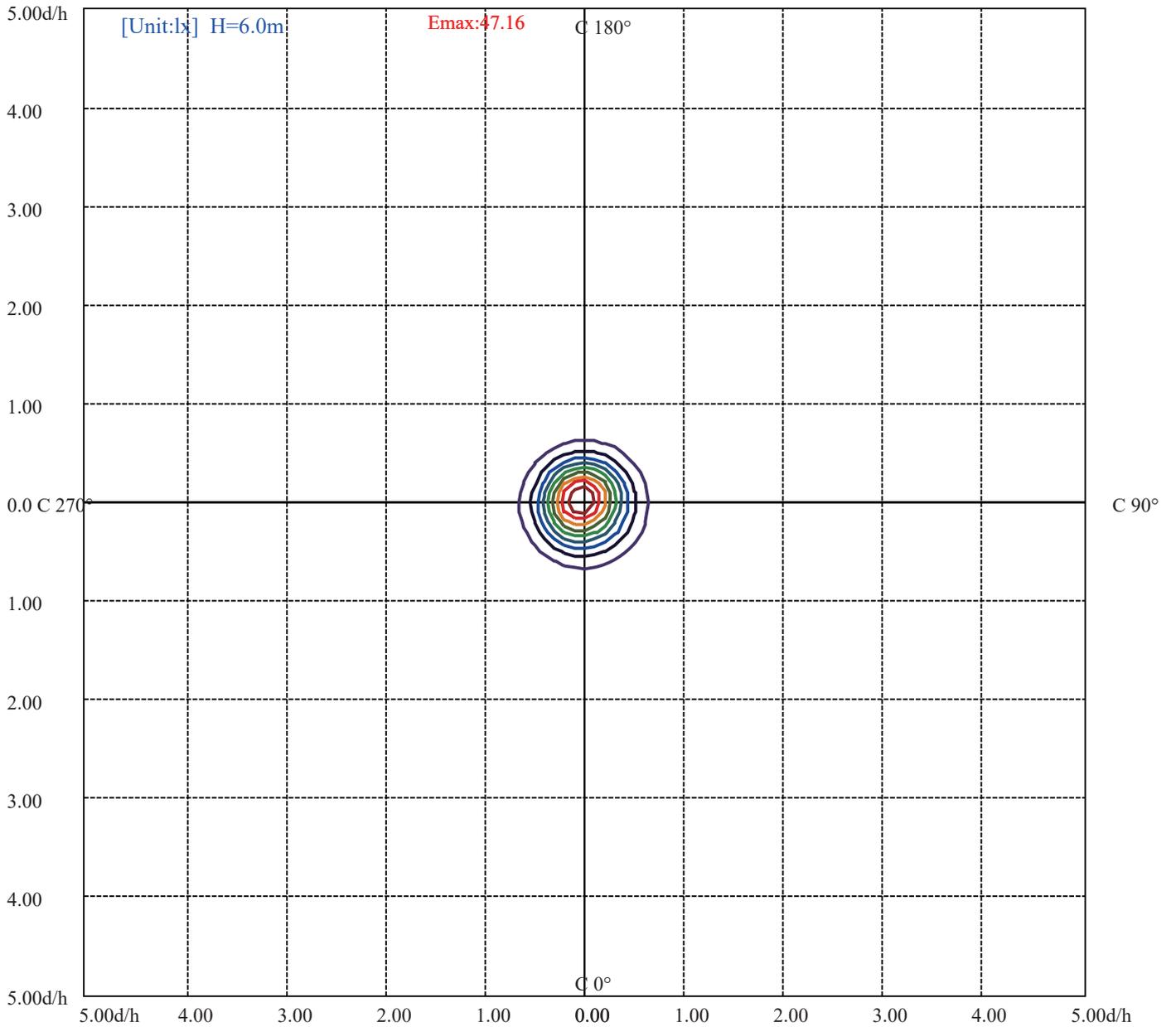
0-10	151.43
10-20	342.51
20-30	293.26
30-40	142.36
40-50	59.91
50-60	25.29
60-70	9.58
70-80	3.40
80-90	0.69
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



C0/C180: —
C90/C270: —



Max , Ave C150面光束角44.29



- (10%Emax) 4.715694
- (20%Emax) 9.431361
- (30%Emax) 14.14706
- (40%Emax) 18.86275
- (50%Emax) 23.57844
- (60%Emax) 28.29417
- (70%Emax) 33.00972
- (80%Emax) 37.72556
- (90%Emax) 42.44111

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	1697.65	1556.25	1351.01	1115.47	840.74	591.07	344.22	204.83	117.57
5.0	1697.65	1567.16	1361.51	1119.11	841.15	583.79	345.02	202.01	116.76
10.0	1697.65	1569.98	1374.85	1128.80	844.79	585.01	351.49	198.77	115.14
15.0	1697.65	1570.39	1386.16	1142.94	855.69	582.18	351.08	198.37	113.93
20.0	1697.65	1572.81	1399.90	1154.26	863.37	585.01	351.89	198.37	113.93
25.0	1697.65	1579.28	1412.42	1163.15	871.05	586.22	350.68	197.96	113.12
30.0	1697.65	1586.55	1425.35	1174.86	889.63	587.43	346.64	195.94	113.93
35.0	1697.65	1599.07	1438.68	1184.96	903.77	586.62	341.79	193.12	114.33
40.0	1697.65	1613.21	1456.05	1203.14	914.27	589.05	342.20	192.71	113.93
45.0	1697.65	1626.95	1470.19	1216.47	913.06	592.68	340.58	195.54	114.33
50.0	1697.65	1636.65	1485.95	1231.42	907.00	589.45	340.18	195.14	113.12
55.0	1697.65	1647.15	1501.71	1245.16	907.41	595.91	345.43	196.35	113.93
60.0	1697.65	1653.21	1517.06	1258.90	913.47	601.97	347.85	198.37	112.31
65.0	1697.65	1656.04	1526.75	1271.42	919.93	603.19	347.45	200.39	109.08
70.0	1697.65	1664.52	1538.07	1276.27	924.37	601.97	343.81	197.56	111.10
75.0	1697.65	1673.81	1548.17	1288.79	935.28	601.57	339.77	192.31	112.31
80.0	1697.65	1682.30	1561.50	1294.45	946.60	604.80	339.37	191.90	113.12
85.0	1697.65	1689.17	1572.00	1308.99	955.08	606.82	342.60	190.29	113.12
90.0	1697.65	1693.61	1579.28	1317.48	966.39	610.06	343.41	191.10	112.31
95.0	1697.65	1697.25	1586.55	1325.96	970.84	613.69	343.41	192.71	110.70
100.0	1697.65	1700.48	1589.78	1331.62	968.01	616.12	345.02	192.71	105.85
105.0	1697.65	1704.52	1594.63	1337.27	965.99	615.71	352.30	188.27	105.04
110.0	1697.65	1708.56	1599.07	1342.12	963.16	611.27	350.68	188.67	105.45
115.0	1697.65	1713.81	1607.56	1347.78	971.64	613.69	346.64	193.52	106.25
120.0	1697.65	1715.02	1612.81	1354.65	979.32	622.18	340.58	193.92	110.70
125.0	1697.65	1712.19	1607.96	1366.36	984.98	626.62	340.58	192.31	112.72
130.0	1697.65	1713.41	1604.73	1367.17	991.04	626.62	342.60	189.88	113.12
135.0	1697.65	1716.64	1597.46	1366.36	995.48	626.22	346.24	190.69	111.10
140.0	1697.65	1717.04	1598.67	1361.11	994.27	627.43	350.68	191.10	109.49
145.0	1697.65	1719.87	1595.03	1358.28	990.23	631.06	353.10	191.10	109.49
150.0	1697.65	1725.12	1601.50	1357.47	989.02	631.06	353.10	193.52	110.29
155.0	1697.65	1725.12	1599.88	1362.73	999.12	638.34	354.32	195.54	113.53
160.0	1697.65	1721.08	1599.48	1364.34	1001.54	649.65	355.12	199.18	115.55
165.0	1697.65	1708.15	1591.40	1361.92	1002.75	657.73	358.76	202.41	117.16
170.0	1697.65	1703.31	1592.20	1364.34	1005.18	660.56	363.21	205.24	118.78
175.0	1697.65	1701.29	1587.36	1367.57	1015.28	662.17	372.50	207.26	121.20
180.0	1697.65	1699.67	1585.34	1367.57	1021.34	668.23	378.56	213.32	123.63
185.0	1697.65	1703.71	1581.30	1368.79	1026.99	673.89	387.04	220.99	121.20
190.0	1697.65	1698.05	1578.47	1368.79	1031.44	678.74	393.51	221.80	124.44
195.0	1697.65	1694.01	1574.02	1366.77	1034.27	685.20	398.76	217.76	128.48
200.0	1697.65	1687.95	1570.39	1364.75	1038.31	692.07	399.57	218.57	129.69
205.0	1697.65	1686.34	1572.41	1357.88	1037.50	703.79	397.14	223.01	129.69
210.0	1697.65	1676.64	1567.96	1354.65	1037.50	709.85	397.14	228.27	131.30
215.0	1697.65	1668.56	1558.27	1350.61	1040.33	714.69	407.65	232.31	133.32
220.0	1697.65	1664.93	1545.34	1343.33	1041.94	710.65	420.17	233.11	135.75
225.0	1697.65	1658.46	1537.26	1325.56	1042.75	709.04	426.63	239.17	136.15
230.0	1697.65	1648.36	1515.85	1312.22	1038.71	708.63	434.71	243.21	137.77
235.0	1697.65	1638.67	1495.24	1298.49	1031.44	707.83	437.54	243.21	142.21
240.0	1697.65	1633.01	1484.74	1281.52	1018.51	709.44	434.31	245.23	143.42
245.0	1697.65	1628.56	1468.98	1261.72	1001.54	705.81	429.87	246.85	142.21
250.0	1697.65	1618.06	1453.63	1247.99	986.59	702.98	429.06	247.25	143.42
255.0	1697.65	1611.19	1444.74	1236.27	977.30	694.49	431.89	246.45	145.04
260.0	1697.65	1601.90	1433.83	1222.13	971.24	686.82	433.91	248.47	143.42
265.0	1697.65	1599.48	1419.29	1199.51	955.08	675.10	431.48	246.85	141.40
270.0	1697.65	1595.84	1409.59	1180.92	936.09	671.87	431.48	243.21	143.02
275.0	1697.65	1594.63	1402.32	1168.80	922.35	666.62	428.25	242.41	141.81
280.0	1697.65	1587.36	1390.20	1158.70	913.06	662.58	418.55	240.39	138.58
285.0	1697.65	1575.64	1379.69	1146.18	904.98	653.69	414.51	236.35	138.17

十方光電科技有限公司 十方光電科技有限公司 LED戶外燈

光強數據表(cd)

第 8 頁 共 12 頁

C/γ(°)	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0
290.0	1697.65	1565.94	1362.32	1139.31	894.88	640.76	412.90	233.52	137.36
295.0	1697.65	1553.42	1351.01	1127.59	885.59	626.62	409.26	231.09	136.15
300.0	1697.65	1553.42	1344.55	1119.92	873.87	624.60	404.82	230.69	136.15
305.0	1697.65	1550.59	1338.49	1115.47	863.77	622.58	400.78	229.48	134.94
310.0	1697.65	1543.72	1336.47	1111.03	858.52	621.77	389.47	222.21	132.92
315.0	1697.65	1542.51	1331.21	1107.39	849.63	621.37	379.77	220.19	128.07
320.0	1697.65	1543.32	1326.37	1098.91	839.13	616.52	377.75	221.40	125.65
325.0	1697.65	1540.09	1321.52	1092.04	833.47	609.65	376.94	216.15	124.44
330.0	1697.65	1540.89	1319.50	1084.36	826.60	598.74	377.75	211.70	124.84
335.0	1697.65	1550.59	1322.73	1079.92	826.60	590.66	372.09	210.89	124.44
340.0	1697.65	1554.23	1327.17	1085.98	824.58	589.45	369.27	210.49	121.20
345.0	1697.65	1558.67	1338.08	1098.50	827.82	587.83	358.36	207.26	119.99
350.0	1697.65	1554.23	1344.14	1108.60	834.68	589.05	351.89	206.45	120.80
355.0	1697.65	1551.80	1346.16	1113.05	840.34	594.30	349.06	205.24	117.97
360.0	1697.65	1556.25	1351.01	1115.47	840.74	591.07	344.22	204.83	117.57

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	71.91	40.00	25.05	15.35	8.48	4.04	2.42	1.62	0.40
5.0	69.49	40.00	24.64	15.35	8.48	4.04	2.42	1.62	0.40
10.0	67.07	40.40	24.64	15.35	8.08	4.04	2.42	1.62	0.40
15.0	66.26	40.40	25.05	14.95	8.08	3.64	2.42	1.62	0.40
20.0	65.85	40.40	25.05	14.95	7.68	3.64	2.02	1.21	0.40
25.0	66.66	40.40	24.64	14.54	7.68	3.64	2.02	1.21	0.40
30.0	66.26	40.00	24.24	13.74	7.27	3.64	2.02	1.21	0.40
35.0	67.07	39.59	23.43	13.74	7.27	3.64	2.02	1.21	0.40
40.0	68.28	39.59	22.22	13.74	6.87	3.64	2.02	1.21	0.40
45.0	69.49	39.19	22.22	13.33	7.27	3.23	2.02	1.21	0.40
50.0	68.28	39.19	22.22	13.33	6.87	3.23	2.02	1.21	0.40
55.0	65.45	38.78	23.43	13.33	6.87	3.23	2.02	1.21	0.40
60.0	63.83	38.38	24.24	13.33	6.46	3.23	2.02	1.21	0.40
65.0	63.83	38.78	24.24	12.93	6.46	3.23	2.02	1.21	0.40
70.0	63.43	38.78	24.24	12.93	6.87	3.23	2.02	1.21	0.40
75.0	65.05	39.19	23.43	12.93	6.87	3.23	2.02	1.62	0.40
80.0	67.47	38.78	23.43	12.93	6.87	3.23	2.42	1.62	0.81
85.0	67.87	38.38	23.43	12.93	6.87	3.64	2.42	1.62	0.81
90.0	65.05	38.78	23.43	12.93	6.87	3.64	2.42	1.62	0.81
95.0	63.03	37.98	23.84	12.93	6.87	3.64	2.42	1.62	0.81
100.0	62.22	37.98	23.84	12.52	6.87	3.64	2.42	1.62	0.40
105.0	61.41	37.98	23.43	12.93	7.27	3.64	2.42	1.62	0.40
110.0	61.41	37.98	22.62	13.33	7.27	3.64	2.42	1.62	0.40
115.0	62.62	37.57	22.22	13.33	7.27	4.04	2.42	1.62	0.40
120.0	63.83	36.36	22.22	13.74	7.27	4.04	2.42	1.62	0.40
125.0	65.45	35.96	22.22	13.74	7.68	4.04	2.42	1.62	0.40
130.0	66.66	36.76	22.22	14.14	7.27	4.04	2.83	1.62	0.40
135.0	66.66	38.78	22.62	14.14	7.27	4.04	2.83	1.62	0.00
140.0	66.26	39.19	23.43	13.74	7.27	4.04	2.83	1.62	0.00
145.0	66.66	39.59	24.64	13.33	7.27	4.04	2.83	2.02	0.00
150.0	67.07	39.59	23.84	12.93	6.87	4.04	2.83	1.62	0.00
155.0	67.87	40.00	23.43	12.93	6.87	4.04	2.83	1.62	0.00
160.0	69.49	40.40	23.03	12.52	6.87	4.04	2.83	2.02	0.00
165.0	69.89	40.40	23.03	12.52	6.87	4.04	2.83	2.02	0.00
170.0	69.89	40.00	23.03	12.93	7.27	4.04	2.83	2.02	0.00
175.0	68.28	40.00	23.84	12.93	7.27	4.44	3.23	2.02	0.00
180.0	66.66	40.40	24.64	13.33	7.27	4.44	3.23	2.02	0.00
185.0	68.68	40.81	25.05	13.74	7.68	4.44	3.23	2.02	0.00
190.0	70.70	42.02	25.86	14.14	8.08	4.44	3.23	2.02	0.00
195.0	73.93	43.63	26.66	14.54	8.08	4.85	3.23	2.02	0.00
200.0	78.38	45.65	27.47	15.35	8.48	4.85	3.23	2.02	0.00
205.0	80.40	47.27	28.28	15.76	8.89	4.85	3.23	2.02	0.00
210.0	81.21	48.08	28.28	16.16	9.29	5.25	3.64	2.42	0.00
215.0	80.40	48.48	29.09	16.97	9.70	5.66	3.64	2.42	0.00
220.0	79.99	48.48	30.70	17.78	10.50	6.06	3.64	2.42	0.00
225.0	80.40	48.48	31.11	18.18	10.91	6.06	3.64	2.42	0.40
230.0	82.42	48.08	31.92	19.39	11.31	6.46	4.04	2.42	0.40
235.0	82.82	48.48	31.11	19.80	12.12	6.87	4.04	2.42	0.81
240.0	86.05	49.29	30.70	20.20	12.52	6.87	4.04	2.83	1.21
245.0	88.48	50.50	30.70	20.60	12.52	7.27	4.04	2.83	1.21
250.0	88.48	52.93	31.51	20.60	12.93	7.27	4.44	2.83	1.62
255.0	86.86	54.54	33.53	21.41	13.74	7.68	4.44	2.83	2.02
260.0	86.86	55.35	35.55	21.82	14.14	7.68	4.44	2.83	2.02
265.0	87.27	55.75	35.96	22.62	13.74	7.68	4.44	2.83	2.02
270.0	85.65	55.75	35.15	22.22	12.93	7.68	4.44	2.83	2.02
275.0	86.46	55.75	33.94	21.41	12.52	7.27	4.44	2.83	2.02
280.0	87.27	54.14	33.13	21.01	12.52	7.27	4.44	2.83	1.62
285.0	86.05	54.14	32.32	20.60	12.52	7.27	4.04	2.83	1.62

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	84.84	52.12	32.72	20.20	12.12	6.87	4.04	2.42	1.62
295.0	83.23	50.50	32.72	19.80	12.12	6.87	4.04	2.42	1.21
300.0	81.21	49.69	32.32	19.80	11.31	6.87	3.64	2.42	1.21
305.0	80.40	49.29	31.92	19.39	10.91	6.46	3.64	2.42	1.21
310.0	79.99	49.69	32.32	18.58	10.91	6.06	3.64	2.02	1.21
315.0	79.99	50.10	31.92	18.58	10.91	6.06	3.64	2.02	0.81
320.0	79.19	50.91	31.11	18.18	10.91	6.06	3.23	2.02	0.81
325.0	78.38	49.29	29.09	18.18	10.50	5.66	3.23	2.02	0.81
330.0	76.36	48.08	28.68	17.37	10.10	5.66	3.23	2.02	0.81
335.0	73.93	46.06	27.88	17.37	9.29	5.25	2.83	2.02	0.40
340.0	73.13	43.63	27.47	17.37	9.29	4.85	2.83	1.62	0.40
345.0	71.51	42.42	27.47	16.56	8.89	4.85	2.83	1.62	0.40
350.0	70.70	41.61	26.66	15.76	8.89	4.44	2.42	1.62	0.40
355.0	71.51	41.21	25.45	15.35	8.89	4.44	2.42	1.62	0.40
360.0	71.91	40.00	25.05	15.35	8.48	4.04	2.42	1.62	0.40

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