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十方光電科技有限公司

燈具名稱: 6W LED MR16

燈具描述: C06-0406W/B

光源規格型號: LED 6W

鎮流器型號: Ten-Lighting/LD-0016-0008

報告編號: 16-0106-03

測試編號: 16-0106-03

光源數量: 1

每個光源光通量(lm):

發光面長度(mm): 130

測試模式: C

電壓(V): 219.9900

電流(A): 0.0380

功率(W): 5.9120

功率因數: 0.7080

發光面寬度(mm): 130

發光面高度(mm): 85

光度結果

燈具光通量(lm): 456.59

燈具效率(%): 100.00%

燈具效能(lm/w): 77.23

Central intensity(cd/1000lm): 4662.104

最大光強(cd/1000lm): 4978.045

最大光強角度: $C=165.0$ $\gamma=0.0$

半峰邊角(50%Imax): [C0/180]Left=8.9 Right=13.1

[C90/270]Left=11.5 Right=10.2

光束擴散角(10%Imax): [C0/180]Left=18.7 Right=22.4

[C90/270]Left=21.3 Right=19.6

測試設備: GMS-2000
環境溫度(°C): 24.8

測試日期: 2016/3/4
環境濕度(%): 58.0%

測試人員: 林俊良
測試距離(m): 19.99



$\gamma(^{\circ})$	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	2192.450	.000	.000	.000%	.000%
2.5	2154.527	12.998	12.998	2.847%	2.847%
5.0	1951.053	36.805	49.803	8.061%	10.908%
7.5	1616.776	53.239	103.042	11.660%	22.568%
10.0	1252.680	59.831	162.874	13.104%	35.672%
12.5	913.547	57.926	220.799	12.687%	48.358%
15.0	630.092	50.290	271.089	11.014%	59.373%
17.5	417.649	40.186	311.276	8.801%	68.174%
20.0	268.598	30.235	341.511	6.622%	74.796%
22.5	170.024	21.790	363.301	4.772%	79.568%
25.0	108.308	15.365	378.666	3.365%	82.933%
27.5	70.474	10.838	389.504	2.374%	85.307%
30.0	47.852	7.801	397.305	1.709%	87.016%
32.5	34.527	5.858	403.163	1.283%	88.298%
35.0	27.084	4.692	407.854	1.028%	89.326%
37.5	22.933	4.054	411.908	.888%	90.214%
40.0	20.541	3.730	415.638	.817%	91.031%
42.5	18.864	3.561	419.199	.780%	91.811%
45.0	17.566	3.453	422.652	.756%	92.567%
47.5	16.317	3.355	426.007	.735%	93.302%
50.0	15.152	3.243	429.250	.710%	94.012%
52.5	13.992	3.115	432.365	.682%	94.694%
55.0	12.826	2.964	435.329	.649%	95.343%
57.5	11.677	2.793	438.122	.612%	95.955%
60.0	10.684	2.620	440.742	.574%	96.529%
62.5	9.885	2.472	443.214	.541%	97.070%
65.0	9.135	2.338	445.552	.512%	97.582%
67.5	8.336	2.192	447.744	.480%	98.062%
70.0	7.493	2.022	449.766	.443%	98.505%
72.5	6.588	1.828	451.594	.400%	98.906%
75.0	5.633	1.608	453.202	.352%	99.258%
77.5	4.601	1.363	454.564	.298%	99.556%
80.0	3.363	1.071	455.635	.234%	99.791%
82.5	1.532	.663	456.298	.145%	99.936%
85.0	.305	.250	456.549	.055%	99.991%
87.5	.000	.042	456.590	.009%	100.000%
90.0	.000	.000	456.590	.000%	100.000%

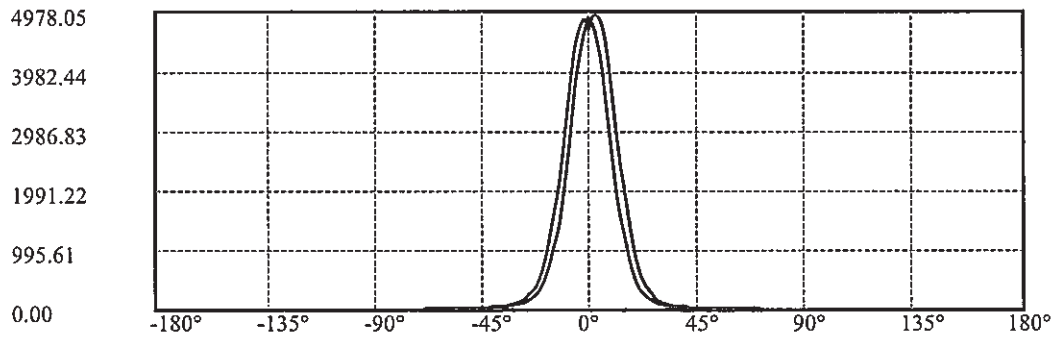
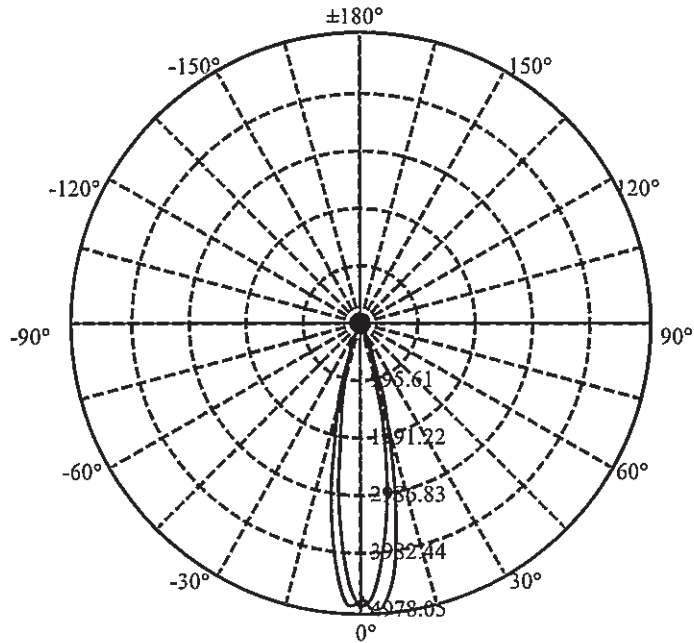
ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-30	397.31	87.02%
0-40	415.64	91.03%
0-60	440.74	96.53%
0-90	456.59	100.00%
0-120	456.59	100.00%
0-180	456.59	100.00%
60-90	18.47	4.04%
90-120	0.00	0.00%
90-130	0.00	0.00%
90-150	0.00	0.00%
90-180	0.00	0.00%
0-22.82	365.27	80.00%

ZONAL LUMEN SUMMARY

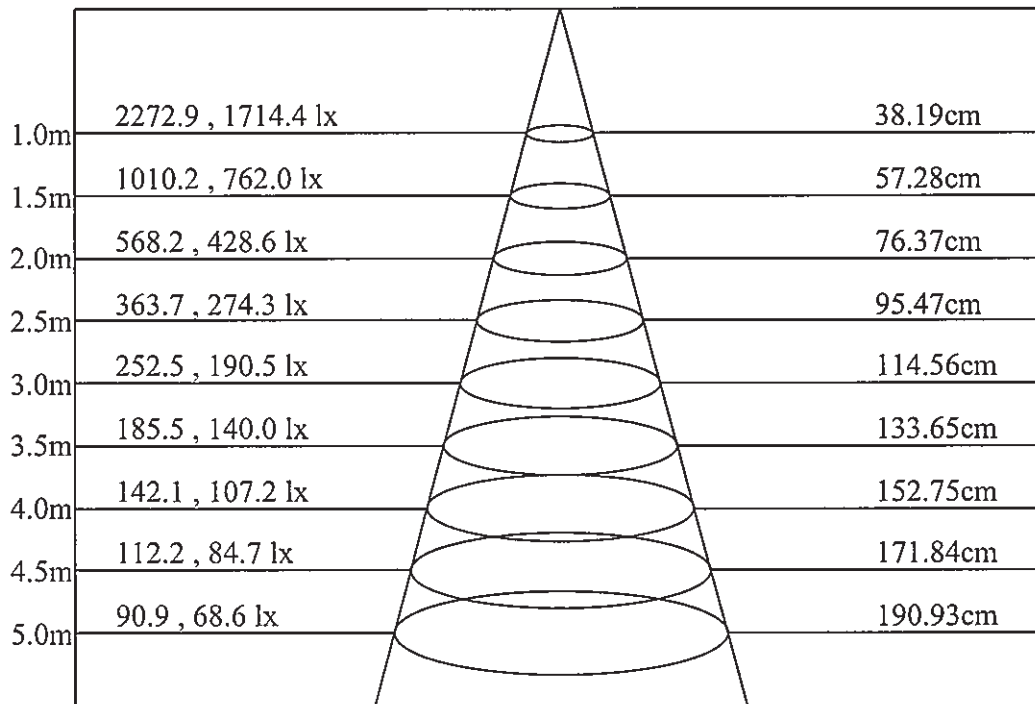
0-10	162.87
10-20	178.64
20-30	55.79
30-40	18.33
40-50	13.61
50-60	11.49
60-70	9.02
70-80	5.87
80-90	0.96
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00





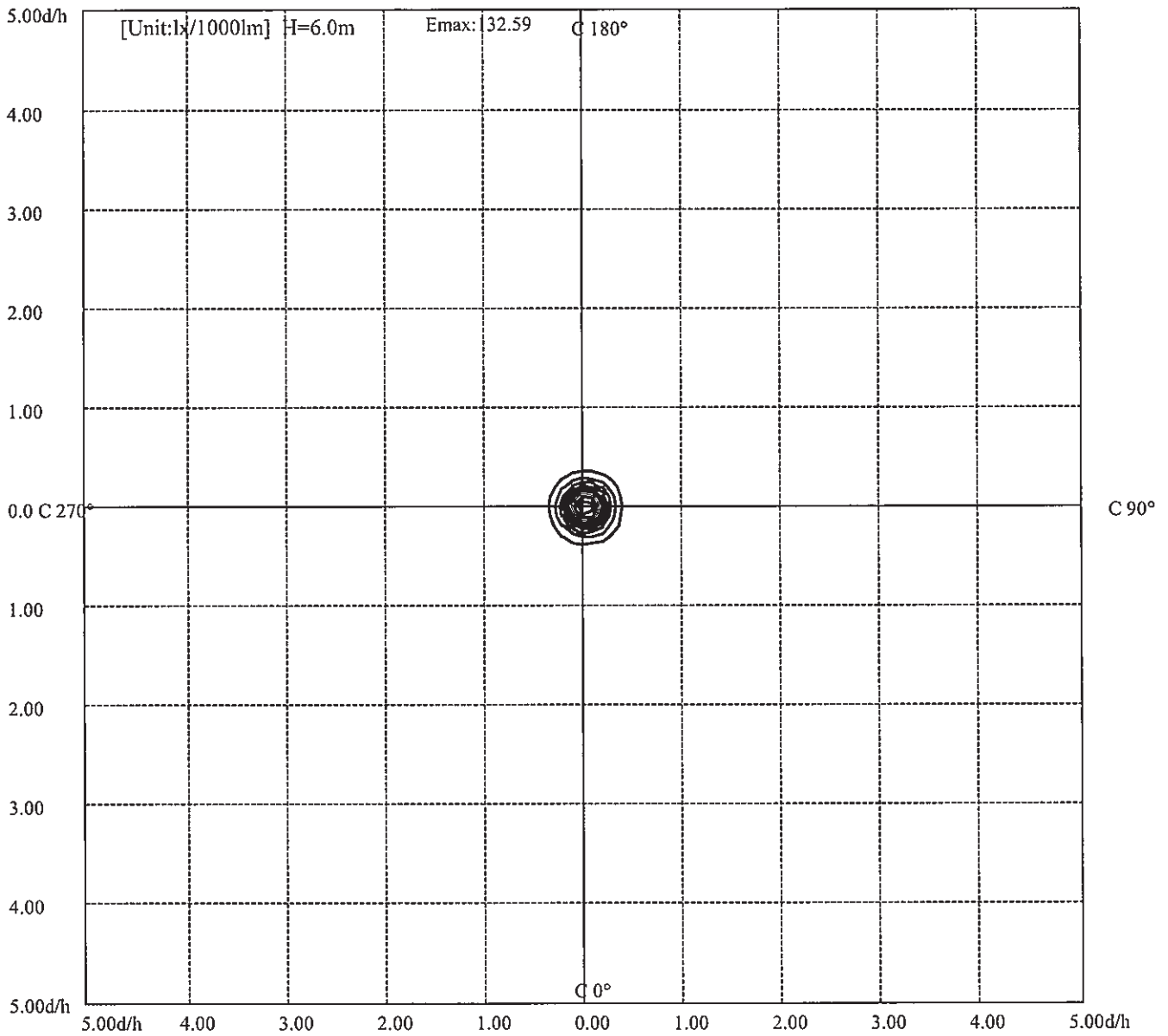
C0/C180: _____
 C90/C270: _____





Max , Ave C165面光束角21.59





(10%Emax) 13.25904	=====
(20%Emax) 26.51808	=====
(30%Emax) 39.77712	=====
(40%Emax) 53.03616	=====
(50%Emax) 66.2952	=====
(60%Emax) 79.55412	=====
(70%Emax) 92.81303	=====
(80%Emax) 106.0726	=====
(90%Emax) 119.3315	=====



測試設備：GMS-2000
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測試人員：林俊良
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cd/1000lm

C/γ(°)	0.0	2.5	5.0	7.5	10.0	12.5	15.0	17.5	20.0
0.0	4662.10	4926.41	4800.38	4288.40	3497.23	2664.06	1859.77	1236.64	779.79
5.0	4680.48	4911.53	4811.76	4269.15	3455.23	2626.43	1848.39	1221.76	781.54
10.0	4668.23	4912.41	4783.75	4216.64	3424.59	2589.67	1839.64	1227.88	782.41
15.0	4676.98	4873.02	4706.74	4159.75	3372.08	2559.04	1828.26	1220.01	780.66
20.0	4709.36	4889.65	4673.48	4096.74	3320.45	2522.28	1791.50	1206.00	778.91
25.0	4705.86	4867.77	4652.48	4052.98	3267.94	2494.27	1768.75	1196.38	778.04
30.0	4732.99	4872.15	4627.10	4027.60	3218.93	2451.39	1757.37	1188.50	771.04
35.0	4725.12	4859.90	4609.59	3988.21	3200.55	2413.76	1730.24	1173.62	761.41
40.0	4718.12	4842.39	4566.71	3914.70	3133.16	2361.25	1686.48	1150.87	736.90
45.0	4773.25	4836.27	4484.44	3835.93	3053.52	2294.73	1625.22	1099.23	715.90
50.0	4769.75	4825.76	4467.81	3788.67	2996.63	2232.59	1587.58	1059.85	684.39
55.0	4782.88	4782.88	4446.81	3731.78	2939.74	2180.96	1528.07	1016.09	651.14
60.0	4788.13	4789.88	4384.67	3687.15	2848.72	2103.94	1457.18	969.70	616.13
65.0	4798.63	4777.63	4341.79	3600.51	2792.71	2041.80	1385.42	918.94	582.87
70.0	4817.01	4755.75	4276.15	3516.49	2707.82	1954.29	1325.03	869.93	550.49
75.0	4809.13	4713.74	4239.39	3449.97	2650.93	1884.27	1280.39	818.30	513.73
80.0	4833.64	4711.11	4195.63	3396.59	2559.04	1822.13	1218.26	778.91	483.10
85.0	4845.89	4669.98	4172.88	3336.20	2503.90	1775.75	1172.75	752.66	462.10
90.0	4844.14	4691.86	4101.11	3281.06	2472.39	1725.86	1141.24	716.78	446.34
95.0	4857.27	4620.10	4060.85	3211.92	2421.63	1698.73	1117.61	697.52	429.72
100.0	4861.65	4612.22	4021.47	3159.41	2381.38	1666.35	1095.73	689.64	424.46
105.0	4847.64	4580.71	3947.95	3123.53	2344.62	1638.34	1086.98	687.89	424.46
110.0	4880.90	4543.08	3919.95	3097.28	2303.48	1611.21	1074.73	687.89	422.71
115.0	4855.52	4515.07	3892.82	3030.76	2271.10	1595.46	1064.22	686.14	421.84
120.0	4882.65	4531.70	3864.81	2993.13	2234.34	1570.08	1054.60	676.52	423.59
125.0	4855.52	4476.56	3819.30	2943.24	2204.59	1543.82	1035.34	668.64	414.84
130.0	4889.65	4500.20	3787.80	2936.24	2178.33	1532.45	1030.97	664.26	414.84
135.0	4890.53	4508.95	3807.05	2944.99	2176.58	1537.70	1026.59	661.64	420.09
140.0	4898.40	4501.07	3795.67	2926.61	2161.70	1521.07	1022.22	660.76	418.34
145.0	4905.41	4499.32	3790.42	2900.36	2135.45	1494.81	1004.71	649.39	413.09
150.0	4916.78	4491.44	3732.66	2885.48	2116.19	1478.19	988.08	635.38	405.21
155.0	4931.66	4499.32	3772.92	2871.48	2095.19	1457.18	969.70	623.13	396.46
160.0	4931.66	4508.95	3764.17	2888.11	2091.69	1450.18	953.95	614.38	392.08
165.0	4978.05	4514.20	3772.04	2896.86	2104.82	1434.43	943.45	604.75	387.71
170.0	4961.42	4498.44	3786.05	2894.23	2092.56	1435.30	937.32	599.50	381.58
175.0	4963.17	4514.20	3779.04	2889.86	2100.44	1429.18	934.70	597.75	378.95
180.0	4880.02	4505.45	3791.30	2898.61	2096.94	1430.93	939.07	598.63	377.20
185.0	4901.03	4480.07	3786.92	2889.86	2096.94	1423.05	938.20	600.38	378.08
190.0	4895.78	4493.19	3793.05	2901.23	2103.94	1434.43	939.07	603.00	380.70
195.0	4903.65	4525.58	3795.67	2948.49	2125.82	1448.43	952.20	616.13	387.71
200.0	4887.03	4543.95	3855.18	2957.25	2169.58	1493.94	986.33	631.88	405.21
205.0	4872.15	4559.71	3876.19	2987.00	2199.34	1521.94	1029.22	668.64	451.59
210.0	4855.52	4543.95	3909.45	3011.51	2241.35	1566.58	1058.10	698.40	451.59
215.0	4839.77	4560.58	3915.57	3071.90	2285.98	1609.46	1101.86	730.78	476.98
220.0	4847.64	4592.96	3955.83	3104.28	2327.99	1661.97	1135.99	760.53	498.85
225.0	4903.65	4641.10	4011.84	3176.04	2383.13	1687.35	1162.24	774.54	512.86
230.0	4908.91	4675.23	4128.24	3247.81	2442.64	1746.87	1213.01	812.17	527.74
235.0	4872.15	4700.61	4138.74	3306.44	2496.90	1796.75	1248.01	836.68	546.11
240.0	4839.77	4687.48	4179.88	3363.33	2543.28	1846.64	1283.90	865.56	563.62
245.0	4828.39	4682.23	4218.39	3425.47	2604.55	1905.28	1316.28	883.94	574.12
250.0	4802.13	4732.99	4252.52	3489.36	2683.31	1940.28	1343.41	896.19	578.50
255.0	4794.26	4720.74	4280.52	3529.62	2734.07	1974.41	1366.16	912.82	585.50
260.0	4771.50	4746.12	4333.04	3585.63	2781.33	2014.67	1374.04	913.69	588.12
265.0	4789.01	4779.38	4381.17	3653.89	2821.59	2048.81	1390.67	920.69	589.00
270.0	4768.88	4821.39	4426.68	3744.04	2897.73	2110.94	1418.67	932.95	593.37
275.0	4761.00	4831.01	4492.32	3831.55	2966.87	2156.45	1471.18	963.58	611.75
280.0	4779.38	4838.89	4527.33	3852.56	3033.39	2193.21	1504.44	1002.96	643.26
285.0	4749.62	4864.27	4541.33	3917.32	3071.90	2256.22	1557.83	1044.09	679.14



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cd/1000lm									
C/γ(°)	0.0	2.5	5.0	7.5	10.0	12.5	15.0	17.5	20.0
290.0	4725.12	4845.02	4564.08	3959.33	3129.66	2311.36	1618.22	1093.10	708.90
295.0	4704.99	4843.27	4595.59	4016.22	3172.54	2360.37	1654.97	1125.49	741.28
300.0	4718.99	4889.65	4632.35	4045.97	3240.81	2419.01	1698.73	1162.24	773.66
305.0	4711.99	4914.16	4687.48	4081.86	3296.82	2475.90	1752.12	1196.38	805.17
310.0	4653.35	4887.03	4714.62	4181.63	3345.83	2544.16	1794.13	1241.01	827.05
315.0	4622.72	4877.40	4733.87	4192.13	3386.09	2579.17	1850.14	1272.52	848.93
320.0	4671.73	4869.52	4732.12	4202.63	3434.22	2602.80	1877.27	1290.02	862.93
325.0	4681.36	4909.78	4756.62	4260.39	3482.36	2647.43	1890.40	1291.77	860.31
330.0	4695.36	4950.04	4814.39	4278.77	3496.36	2661.43	1895.65	1291.77	858.56
335.0	4699.74	4975.42	4822.26	4325.16	3493.73	2679.81	1893.02	1283.02	841.05
340.0	4720.74	4971.04	4862.52	4330.41	3529.62	2683.31	1891.27	1269.02	820.92
345.0	4690.99	4955.29	4845.89	4332.16	3554.12	2680.69	1889.52	1256.76	803.42
350.0	4661.23	4967.54	4825.76	4325.16	3532.24	2684.19	1885.15	1248.01	792.92
355.0	4669.98	4941.29	4826.64	4293.65	3503.36	2666.69	1866.77	1242.76	782.41
360.0	4662.10	4926.41	4800.38	4288.40	3497.23	2664.06	1859.77	1236.64	779.79



cd/1000lm									
C/γ(°)	22.5	25.0	27.5	30.0	32.5	35.0	37.5	40.0	42.5
0.0	486.60	308.94	198.67	132.15	91.02	68.26	55.14	47.26	42.88
5.0	484.85	303.69	196.04	128.65	90.14	67.39	54.26	46.38	42.01
10.0	483.98	302.81	190.79	126.90	88.39	66.51	53.39	46.38	42.88
15.0	489.23	298.44	188.16	124.28	86.64	64.76	52.51	46.38	42.01
20.0	486.60	295.81	185.54	122.53	84.89	63.01	51.64	45.51	42.01
25.0	484.85	297.56	184.66	121.65	84.02	62.14	50.76	45.51	42.01
30.0	482.23	294.06	182.91	120.78	83.14	61.26	50.76	45.51	41.13
35.0	476.10	293.19	181.16	119.03	82.27	61.26	50.76	44.63	42.01
40.0	469.97	289.69	181.16	118.15	82.27	61.26	50.76	44.63	42.01
45.0	446.34	280.93	175.91	117.27	81.39	60.39	49.89	44.63	42.01
50.0	430.59	269.56	172.41	114.65	79.64	59.51	49.89	44.63	41.13
55.0	414.84	258.18	166.28	111.15	77.02	58.64	49.89	43.76	41.13
60.0	391.21	245.05	161.03	106.77	75.27	57.76	49.01	43.76	40.26
65.0	363.20	234.55	154.03	104.15	72.64	56.89	48.14	42.88	39.38
70.0	343.95	222.30	147.03	99.77	71.77	56.01	47.26	42.88	39.38
75.0	325.57	211.79	140.90	96.27	69.14	55.14	46.38	42.01	38.51
80.0	313.32	201.29	133.90	92.77	68.26	53.39	46.38	42.01	38.51
85.0	295.81	193.42	128.65	88.39	65.64	52.51	45.51	41.13	37.63
90.0	280.93	182.04	121.65	84.89	63.89	51.64	44.63	41.13	38.51
95.0	273.06	174.16	115.52	82.27	62.14	50.76	44.63	41.13	38.51
100.0	264.31	168.91	111.15	78.77	60.39	49.89	44.63	41.13	38.51
105.0	261.68	164.53	107.65	77.89	58.64	49.89	44.63	41.13	38.51
110.0	257.30	162.78	106.77	75.27	58.64	49.01	44.63	42.01	39.38
115.0	255.55	161.03	105.02	75.27	57.76	49.89	44.63	42.01	40.26
120.0	253.80	160.16	105.02	73.52	57.76	49.01	44.63	42.01	39.38
125.0	254.68	157.53	105.02	73.52	57.76	49.01	44.63	42.01	39.38
130.0	253.80	158.41	105.02	74.39	57.76	49.01	44.63	41.13	38.51
135.0	257.30	161.91	107.65	75.27	58.64	49.89	44.63	42.01	38.51
140.0	261.68	166.28	110.27	77.02	60.39	50.76	45.51	42.01	39.38
145.0	259.93	165.41	111.15	78.77	61.26	51.64	46.38	42.88	39.38
150.0	256.43	164.53	111.15	79.64	61.26	51.64	46.38	42.88	39.38
155.0	253.80	163.66	109.40	78.77	60.39	51.64	45.51	42.01	38.51
160.0	249.43	161.91	108.52	77.02	60.39	51.64	45.51	42.01	38.51
165.0	245.93	161.91	108.52	77.02	60.39	51.64	45.51	42.01	38.51
170.0	243.30	161.03	108.52	77.89	60.39	51.64	45.51	42.01	38.51
175.0	242.43	160.16	109.40	77.89	61.26	51.64	45.51	42.01	38.51
180.0	241.55	161.03	109.40	78.77	61.26	51.64	45.51	42.01	38.51
185.0	245.05	161.03	110.27	79.64	62.14	51.64	46.38	42.01	39.38
190.0	246.80	162.78	111.15	80.52	62.14	51.64	46.38	42.88	39.38
195.0	249.43	162.78	112.90	81.39	62.14	52.51	46.38	42.88	39.38
200.0	256.43	167.16	112.90	82.27	63.01	53.39	46.38	43.76	40.26
205.0	266.06	173.29	116.40	84.02	64.76	53.39	47.26	43.76	41.13
210.0	284.43	183.79	121.65	85.77	65.64	55.14	49.01	45.51	42.01
215.0	301.06	191.67	126.03	89.27	68.26	56.01	49.89	46.38	42.88
220.0	316.82	201.29	132.15	91.89	69.14	57.76	50.76	46.38	42.88
225.0	327.32	208.29	133.90	93.64	70.01	57.76	50.76	46.38	42.88
230.0	336.07	215.30	139.15	97.15	71.77	58.64	50.76	45.51	42.01
235.0	355.32	224.92	147.03	100.65	74.39	60.39	51.64	46.38	42.01
240.0	362.33	233.67	151.41	104.15	76.14	61.26	52.51	46.38	42.01
245.0	368.45	239.80	157.53	106.77	77.02	61.26	52.51	46.38	42.01
250.0	373.70	242.43	160.16	110.27	79.64	62.14	52.51	46.38	42.01
255.0	378.08	247.68	163.66	112.90	81.39	63.01	52.51	46.38	42.01
260.0	380.70	247.68	167.16	114.65	82.27	63.01	52.51	46.38	42.88
265.0	377.20	248.55	167.16	115.52	83.14	63.89	53.39	47.26	42.01
270.0	380.70	250.30	168.04	115.52	84.02	63.89	53.39	47.26	42.88
275.0	386.83	251.18	166.28	114.65	83.14	63.89	53.39	47.26	42.88
280.0	409.59	264.31	171.54	115.52	83.14	64.76	53.39	47.26	42.88
285.0	431.47	277.43	181.16	120.78	86.64	65.64	55.14	48.14	43.76



十方光電科技有限公司 6W LED MR16

cd/1000lm

C/γ(°)	22.5	25.0	27.5	30.0	32.5	35.0	37.5	40.0	42.5
290.0	460.35	294.06	189.04	126.90	89.27	68.26	56.01	49.01	44.63
295.0	487.48	312.44	198.67	130.40	91.89	69.14	56.01	49.89	45.51
300.0	504.98	322.94	205.67	134.78	92.77	69.14	56.01	49.01	44.63
305.0	520.73	331.69	211.79	135.65	92.77	69.14	56.01	49.01	44.63
310.0	535.61	338.70	215.30	137.40	93.64	70.01	56.89	49.01	45.51
315.0	549.62	347.45	218.80	140.03	94.52	70.89	56.89	49.01	45.51
320.0	555.74	350.07	218.80	140.03	95.40	71.77	56.89	49.01	44.63
325.0	551.37	346.57	219.67	140.03	95.40	70.89	56.89	49.01	44.63
330.0	541.74	343.07	219.67	140.90	96.27	70.89	56.89	49.01	43.76
335.0	526.86	336.07	217.92	142.65	96.27	70.89	56.89	49.01	43.76
340.0	515.48	328.19	213.54	142.65	97.15	70.89	56.01	48.14	43.76
345.0	505.86	322.94	210.04	140.90	97.15	70.89	56.89	48.14	42.88
350.0	497.10	317.69	206.54	140.90	95.40	70.01	56.01	48.14	42.88
355.0	488.35	313.32	203.92	136.53	92.77	69.14	55.14	47.26	42.88
360.0	486.60	308.94	198.67	132.15	91.02	68.26	55.14	47.26	42.88



十方光電科技有限公司 6W LED MR16

cd/1000lm									
C/y(°)	45.0	47.5	50.0	52.5	55.0	57.5	60.0	62.5	65.0
0.0	39.38	36.76	34.13	31.51	28.88	26.26	23.63	21.88	20.13
5.0	39.38	36.76	34.13	31.51	28.88	26.26	23.63	21.88	20.13
10.0	39.38	37.63	34.13	31.51	28.88	26.26	23.63	21.88	21.00
15.0	39.38	36.76	34.13	31.51	28.88	27.13	24.51	22.75	21.00
20.0	39.38	36.76	34.13	32.38	29.76	27.13	25.38	23.63	21.88
25.0	39.38	37.63	35.01	32.38	30.63	28.01	25.38	23.63	21.88
30.0	39.38	36.76	35.01	32.38	30.63	28.01	26.26	24.51	22.75
35.0	39.38	36.76	35.01	32.38	30.63	28.01	26.26	24.51	21.88
40.0	39.38	36.76	35.01	32.38	29.76	28.01	25.38	23.63	21.88
45.0	38.51	36.76	34.13	31.51	28.88	27.13	24.51	22.75	21.00
50.0	38.51	35.88	33.26	30.63	28.01	26.26	23.63	21.88	20.13
55.0	37.63	35.88	33.26	30.63	28.01	25.38	23.63	21.00	20.13
60.0	37.63	35.01	32.38	29.76	27.13	24.51	22.75	21.00	19.25
65.0	37.63	34.13	31.51	28.88	27.13	24.51	22.75	21.00	19.25
70.0	36.76	34.13	31.51	28.88	27.13	24.51	21.88	21.00	19.25
75.0	35.88	34.13	31.51	28.88	26.26	24.51	21.88	21.00	19.25
80.0	35.88	33.26	31.51	28.88	27.13	24.51	21.88	21.00	19.25
85.0	35.88	33.26	31.51	28.88	26.26	24.51	21.88	21.00	19.25
90.0	35.88	33.26	31.51	28.88	27.13	24.51	22.75	21.00	19.25
95.0	35.88	34.13	31.51	29.76	27.13	25.38	22.75	21.00	19.25
100.0	36.76	34.13	32.38	30.63	28.01	25.38	23.63	21.88	20.13
105.0	36.76	35.01	33.26	31.51	29.76	26.26	24.51	22.75	21.00
110.0	37.63	35.88	34.13	32.38	30.63	27.13	24.51	23.63	21.00
115.0	38.51	36.76	35.01	33.26	31.51	28.01	25.38	23.63	21.88
120.0	37.63	35.88	34.13	32.38	30.63	28.01	25.38	23.63	21.88
125.0	36.76	35.01	33.26	32.38	30.63	27.13	25.38	23.63	21.88
130.0	36.76	35.01	33.26	31.51	29.76	27.13	25.38	23.63	21.88
135.0	36.76	34.13	32.38	30.63	28.88	26.26	24.51	21.88	20.13
140.0	36.76	34.13	32.38	29.76	28.01	24.51	22.75	21.00	19.25
145.0	36.76	34.13	31.51	28.88	26.26	23.63	21.88	20.13	18.38
150.0	36.76	33.26	30.63	28.88	26.26	23.63	21.88	20.13	18.38
155.0	35.88	33.26	30.63	28.01	25.38	23.63	21.00	20.13	18.38
160.0	35.88	33.26	30.63	28.01	25.38	22.75	21.00	19.25	18.38
165.0	35.88	33.26	30.63	28.01	25.38	22.75	21.00	19.25	18.38
170.0	35.88	33.26	30.63	28.01	25.38	22.75	21.00	19.25	18.38
175.0	35.88	33.26	30.63	28.01	25.38	22.75	21.00	19.25	18.38
180.0	35.88	33.26	30.63	28.01	25.38	22.75	21.00	19.25	18.38
185.0	36.76	33.26	31.51	28.88	25.38	23.63	21.88	20.13	18.38
190.0	36.76	34.13	31.51	28.88	26.26	23.63	21.88	20.13	19.25
195.0	37.63	34.13	32.38	29.76	27.13	24.51	22.75	21.00	19.25
200.0	37.63	35.01	32.38	29.76	28.01	25.38	23.63	21.88	20.13
205.0	38.51	35.88	34.13	31.51	28.01	26.26	23.63	22.75	20.13
210.0	39.38	36.76	35.01	32.38	29.76	27.13	24.51	22.75	21.00
215.0	40.26	37.63	35.01	31.51	28.88	27.13	24.51	22.75	21.00
220.0	40.26	36.76	34.13	31.51	28.88	26.26	24.51	22.75	21.00
225.0	38.51	35.88	33.26	30.63	28.01	25.38	23.63	21.88	20.13
230.0	38.51	35.01	32.38	29.76	27.13	24.51	22.75	21.00	19.25
235.0	38.51	35.01	32.38	29.76	26.26	24.51	21.88	20.13	19.25
240.0	38.51	35.01	31.51	28.88	26.26	23.63	21.88	20.13	18.38
245.0	38.51	35.01	31.51	28.88	26.26	23.63	21.88	19.25	18.38
250.0	38.51	35.01	32.38	28.88	26.26	23.63	21.88	19.25	18.38
255.0	38.51	35.01	31.51	28.88	26.26	23.63	21.88	20.13	18.38
260.0	38.51	35.01	32.38	28.88	26.26	23.63	21.88	20.13	18.38
265.0	38.51	35.88	32.38	29.76	26.26	23.63	21.88	20.13	18.38
270.0	39.38	35.88	32.38	29.76	26.26	23.63	21.88	20.13	18.38
275.0	39.38	36.76	33.26	29.76	27.13	24.51	21.88	20.13	18.38
280.0	39.38	36.76	33.26	30.63	28.01	25.38	22.75	21.00	19.25
285.0	41.13	37.63	35.01	32.38	28.88	26.26	23.63	21.88	20.13



十方光電科技有限公司 6W LED MR16

cd/1000lm	第 12 頁 共 16 頁								
C/γ(°)	45.0	47.5	50.0	52.5	55.0	57.5	60.0	62.5	65.0
290.0	41.13	38.51	35.88	33.26	29.76	27.13	24.51	22.75	21.00
295.0	42.01	39.38	35.88	33.26	30.63	28.01	25.38	23.63	21.88
300.0	42.01	38.51	36.76	33.26	30.63	28.01	26.26	24.51	22.75
305.0	42.01	38.51	35.88	33.26	30.63	28.88	26.26	24.51	22.75
310.0	42.01	38.51	35.88	34.13	30.63	28.01	25.38	23.63	21.88
315.0	42.01	38.51	35.88	33.26	30.63	28.01	25.38	23.63	21.88
320.0	41.13	38.51	35.01	32.38	29.76	27.13	24.51	22.75	21.00
325.0	41.13	37.63	35.01	32.38	28.88	26.26	23.63	21.88	20.13
330.0	41.13	37.63	34.13	31.51	28.88	26.26	23.63	21.88	20.13
335.0	40.26	37.63	34.13	31.51	28.01	25.38	22.75	21.00	19.25
340.0	40.26	36.76	34.13	30.63	28.01	25.38	23.63	21.00	19.25
345.0	39.38	36.76	33.26	30.63	28.01	25.38	23.63	21.00	19.25
350.0	39.38	36.76	34.13	30.63	28.01	26.26	23.63	21.00	20.13
355.0	39.38	36.76	33.26	31.51	28.88	26.26	23.63	21.88	20.13
360.0	39.38	36.76	34.13	31.51	28.88	26.26	23.63	21.88	20.13



cd/1000lm									
C/γ(°)	67.5	70.0	72.5	75.0	77.5	80.0	82.5	85.0	87.5
0.0	18.38	16.63	14.88	13.13	11.38	7.88	1.75	0.00	0.00
5.0	18.38	16.63	14.88	13.13	11.38	7.88	1.75	0.00	0.00
10.0	19.25	17.50	15.75	13.13	11.38	7.88	2.63	0.00	0.00
15.0	19.25	17.50	15.75	14.00	11.38	7.88	2.63	0.00	0.00
20.0	20.13	18.38	15.75	14.00	11.38	8.75	3.50	0.00	0.00
25.0	20.13	18.38	15.75	14.00	11.38	8.75	3.50	0.00	0.00
30.0	21.00	18.38	16.63	14.00	11.38	8.75	4.38	0.00	0.00
35.0	21.00	18.38	16.63	14.00	11.38	8.75	4.38	0.88	0.00
40.0	20.13	18.38	15.75	14.00	11.38	8.75	5.25	0.88	0.00
45.0	19.25	17.50	15.75	13.13	10.50	8.75	5.25	1.75	0.00
50.0	19.25	17.50	14.88	13.13	10.50	8.75	5.25	1.75	0.00
55.0	18.38	16.63	14.88	13.13	10.50	8.75	5.25	1.75	0.00
60.0	17.50	16.63	14.88	12.25	10.50	8.75	5.25	1.75	0.00
65.0	17.50	16.63	14.88	13.13	10.50	8.75	6.13	1.75	0.00
70.0	17.50	16.63	14.88	13.13	11.38	8.75	6.13	1.75	0.00
75.0	17.50	16.63	14.88	13.13	11.38	9.63	6.13	1.75	0.00
80.0	17.50	16.63	14.88	13.13	11.38	9.63	6.13	1.75	0.00
85.0	17.50	15.75	14.88	13.13	11.38	8.75	6.13	1.75	0.00
90.0	17.50	15.75	14.00	12.25	10.50	8.75	4.38	1.75	0.00
95.0	17.50	15.75	14.00	12.25	9.63	7.88	4.38	1.75	0.00
100.0	18.38	16.63	14.00	12.25	9.63	7.00	3.50	0.88	0.00
105.0	19.25	16.63	14.88	12.25	9.63	7.00	3.50	0.88	0.00
110.0	19.25	16.63	14.88	12.25	9.63	7.00	3.50	0.88	0.00
115.0	20.13	17.50	14.88	12.25	9.63	7.00	3.50	0.88	0.00
120.0	19.25	17.50	14.88	12.25	9.63	7.00	3.50	0.88	0.00
125.0	20.13	17.50	14.88	12.25	9.63	6.13	3.50	0.88	0.00
130.0	19.25	16.63	14.00	12.25	9.63	6.13	3.50	0.00	0.00
135.0	18.38	16.63	14.00	11.38	8.75	6.13	2.63	0.00	0.00
140.0	17.50	15.75	13.13	11.38	8.75	6.13	2.63	0.00	0.00
145.0	16.63	14.88	13.13	10.50	8.75	6.13	2.63	0.00	0.00
150.0	16.63	14.88	13.13	11.38	9.63	6.13	1.75	0.00	0.00
155.0	16.63	14.88	13.13	11.38	9.63	7.00	1.75	0.00	0.00
160.0	16.63	14.88	13.13	11.38	9.63	7.00	1.75	0.00	0.00
165.0	16.63	14.88	13.13	11.38	9.63	7.00	0.88	0.00	0.00
170.0	16.63	14.88	13.13	11.38	9.63	7.00	0.88	0.00	0.00
175.0	16.63	14.88	13.13	11.38	9.63	7.00	0.88	0.00	0.00
180.0	16.63	14.88	13.13	11.38	8.75	6.13	0.88	0.00	0.00
185.0	16.63	14.88	13.13	10.50	8.75	5.25	1.75	0.00	0.00
190.0	16.63	14.88	13.13	10.50	7.88	5.25	1.75	0.00	0.00
195.0	17.50	15.75	13.13	10.50	8.75	5.25	1.75	0.00	0.00
200.0	18.38	15.75	14.00	11.38	8.75	5.25	2.63	0.00	0.00
205.0	18.38	15.75	14.00	11.38	8.75	5.25	2.63	0.00	0.00
210.0	18.38	16.63	14.00	11.38	8.75	5.25	2.63	0.00	0.00
215.0	18.38	16.63	14.00	11.38	8.75	5.25	2.63	0.00	0.00
220.0	18.38	16.63	14.00	11.38	8.75	5.25	2.63	0.00	0.00
225.0	18.38	15.75	14.00	11.38	8.75	6.13	2.63	0.88	0.00
230.0	17.50	15.75	14.00	11.38	8.75	6.13	2.63	0.88	0.00
235.0	17.50	14.88	13.13	11.38	8.75	6.13	2.63	0.88	0.00
240.0	16.63	14.88	13.13	11.38	8.75	6.13	2.63	0.88	0.00
245.0	16.63	14.88	13.13	11.38	8.75	6.13	2.63	0.88	0.00
250.0	16.63	14.88	13.13	11.38	9.63	7.00	2.63	0.88	0.00
255.0	16.63	14.88	13.13	11.38	9.63	7.00	2.63	0.88	0.00
260.0	16.63	14.88	13.13	11.38	9.63	7.00	3.50	0.88	0.00
265.0	16.63	14.88	13.13	11.38	9.63	7.00	3.50	0.88	0.00
270.0	16.63	14.88	14.00	11.38	9.63	7.00	3.50	0.88	0.00
275.0	17.50	15.75	14.00	11.38	9.63	7.00	3.50	0.88	0.00
280.0	17.50	15.75	14.00	12.25	9.63	7.00	4.38	1.75	0.00
285.0	18.38	16.63	14.00	12.25	9.63	7.00	4.38	1.75	0.00



十方光電科技有限公司 6W LED MR16

cd/1000lm									
C/γ(°)	67.5	70.0	72.5	75.0	77.5	80.0	82.5	85.0	87.5
290.0	19.25	17.50	14.88	13.13	10.50	7.88	4.38	1.75	0.00
295.0	20.13	17.50	15.75	13.13	10.50	7.88	4.38	1.75	0.00
300.0	21.00	18.38	16.63	14.00	11.38	8.75	5.25	1.75	0.00
305.0	21.00	18.38	15.75	14.00	11.38	8.75	5.25	1.75	0.00
310.0	20.13	18.38	15.75	14.00	11.38	8.75	5.25	0.88	0.00
315.0	20.13	18.38	15.75	13.13	10.50	8.75	4.38	0.88	0.00
320.0	19.25	17.50	15.75	13.13	10.50	8.75	4.38	0.00	0.00
325.0	18.38	17.50	14.88	13.13	11.38	8.75	3.50	0.00	0.00
330.0	18.38	16.63	14.88	13.13	10.50	8.75	3.50	0.00	0.00
335.0	18.38	16.63	14.88	13.13	11.38	7.88	2.63	0.00	0.00
340.0	18.38	16.63	14.88	13.13	11.38	7.88	2.63	0.00	0.00
345.0	18.38	16.63	14.88	13.13	11.38	7.88	1.75	0.00	0.00
350.0	18.38	16.63	14.88	13.13	11.38	7.88	1.75	0.00	0.00
355.0	18.38	16.63	14.88	13.13	11.38	7.88	1.75	0.00	0.00
360.0	18.38	16.63	14.88	13.13	11.38	7.88	1.75	0.00	0.00



cd/1000lm

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



cd/1000lm	
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

