

浙大三色

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ROLED

灯具名称: 投光灯

灯具描述: F3074A-72-UN (45-OL-72WN-AA, L650mm, C, CT)

报告编号:

电压(V): 220.4000

测试编号: 20210331006

电流(A): 0.3640

光源规格型号: OL

功率(W): 78.9000

每个光源光通量(lm)

功率因数: 0.9830

光源数量: 72

镇流器型号:

发光面长度(mm): 590

发光面宽度(mm): 103

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 7169.56

灯具效能(lm/w): 90.87

中心光强(cd): 9186.258

最大光强(cd): 9461.747

最大光强角度: C=30.0 $\gamma=0.0$

半峰边角(50%Imax): [C0/180]Total=43.0

[C90/270]Total=43.3

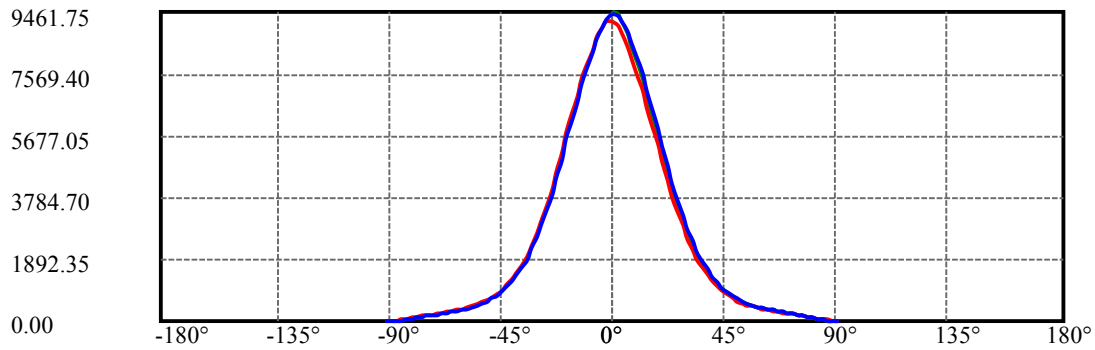
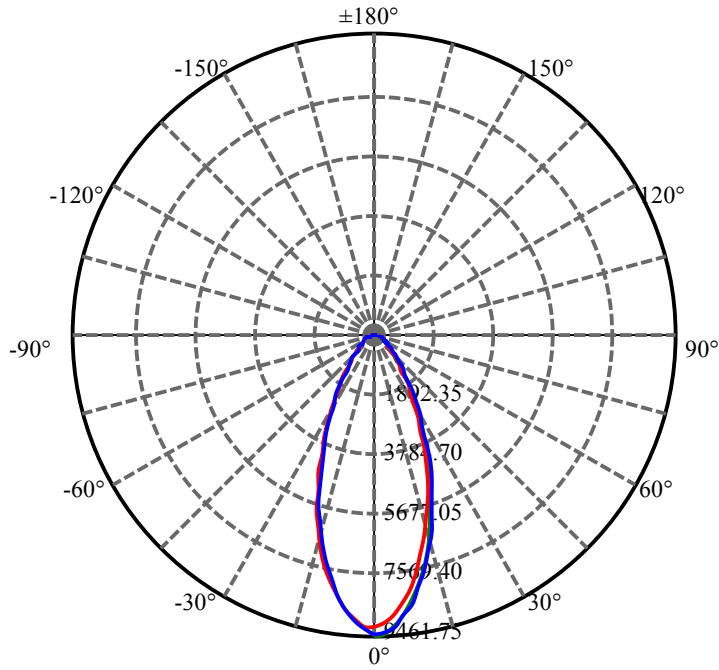
光束扩散角(10%Imax): [C0/180]Total=88.5

[C90/270]Total=88.9

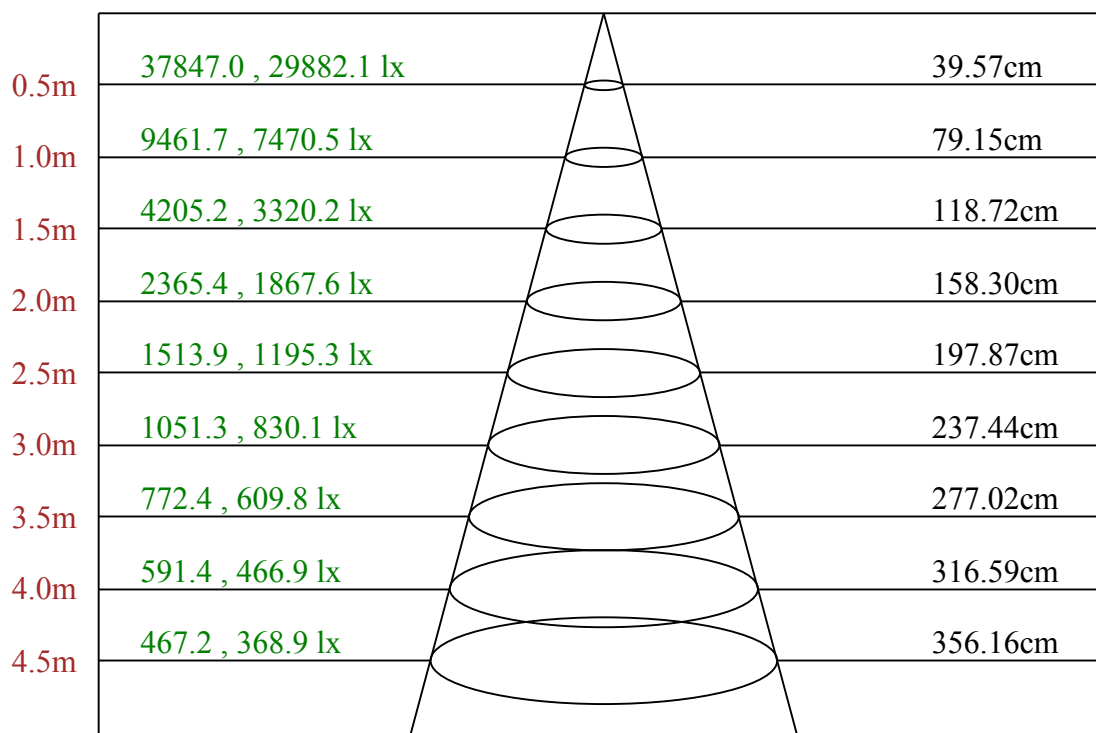
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/3/31
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

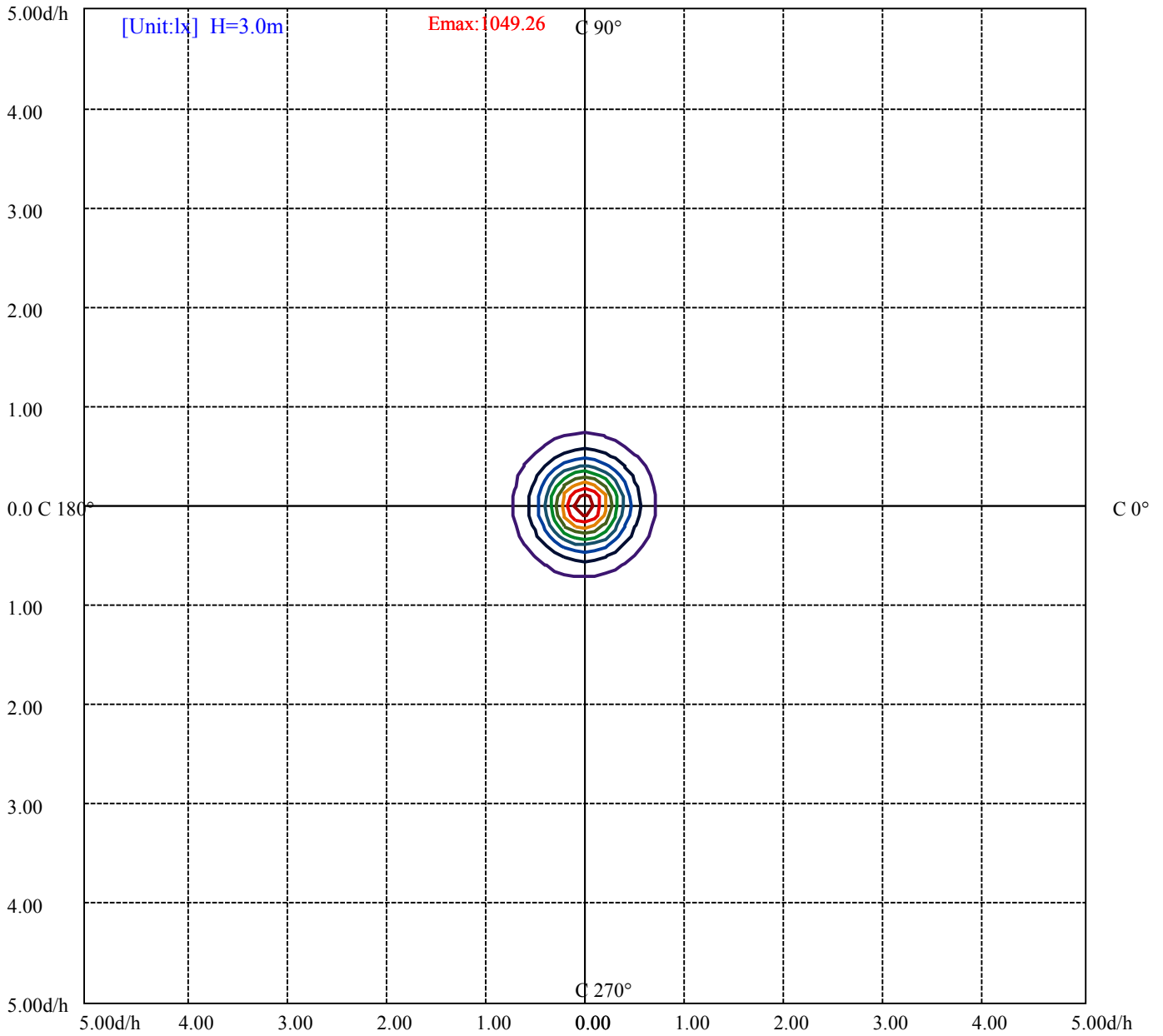


C30(Max): —
C0/C180: —
C90/C270: —



Max , Ave C30面光束角43.18

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平面等照度曲线



- (10%Emax) 104.9258
- (20%Emax) 209.8511
- (30%Emax) 314.7778
- (40%Emax) 419.7033
- (50%Emax) 524.6289
- (60%Emax) 629.5544
- (70%Emax) 734.48
- (80%Emax) 839.4067
- (90%Emax) 944.3323

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ROLED 投光灯

灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

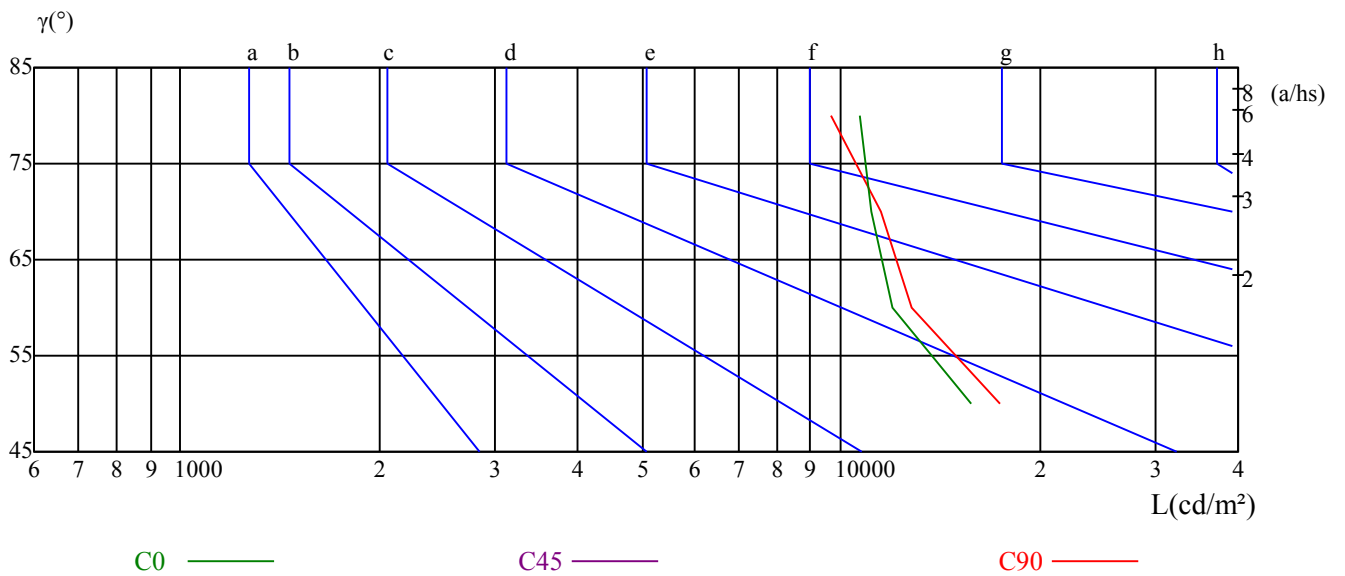
γ	45	50	55	60	65	70	75	80	85
C0	0	15755	0	12019	0	11124	0	10668	0
C45	0	0	0	0	0	0	0	0	0
C90	0	17405	0	12779	0	11490	0	9701	0

L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
0	0	0	0	0	0	0	0	0

眩光等级表

眩光等级	质量等级	使用照度(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

亮度限制曲线



参照UGR的照射评估											
天花板反射率	70	70	50	50	30	70	70	50	50	30	
墙壁反射率	50	30	50	30	30	50	30	50	30	30	
地板反射率	20	20	20	20	20	20	20	20	20	20	
空间尺寸	Viewed crosswise					Viewed endwise					
X	Y										
2H	2H	11.15	12.36	11.51	12.67	12.98	11.33	12.54	11.69	12.85	13.16
	3H	12.69	13.76	13.07	14.09	14.46	12.92	13.99	13.30	14.32	14.69
	4H	13.28	14.28	13.68	14.63	15.01	13.56	14.56	13.97	14.91	15.30
	6H	13.64	14.56	14.06	14.94	15.33	14.06	14.98	14.48	15.35	15.75
	8H	13.73	14.60	14.16	14.99	15.40	14.22	15.09	14.66	15.48	15.89
	12H	13.81	14.64	14.24	15.02	15.45	14.40	15.23	14.84	15.62	16.05
4H	2H	11.66	12.66	12.06	13.01	13.40	11.80	12.80	12.21	13.16	13.54
	3H	13.41	14.23	13.82	14.64	15.04	13.66	14.48	14.07	14.89	15.29
	4H	14.12	14.86	14.56	15.28	15.72	14.43	15.17	14.87	15.59	16.04
	6H	14.52	15.15	14.98	15.60	16.07	14.95	15.59	15.42	16.04	16.50
	8H	14.64	15.23	15.11	15.68	16.15	15.16	15.75	15.63	16.20	16.67
	12H	14.72	15.24	15.21	15.72	16.20	15.35	15.87	15.84	16.35	16.83
8H	4H	14.39	14.98	14.86	15.43	15.90	14.66	15.25	15.13	15.70	16.17
	6H	14.89	15.37	15.40	15.87	16.35	15.32	15.80	15.82	16.30	16.78
	8H	15.06	15.49	15.59	16.01	16.50	15.60	16.03	16.12	16.54	17.04
	12H	15.65	16.03	16.17	16.52	17.10	16.27	16.64	16.79	17.14	17.71
12H	4H	14.40	14.92	14.89	15.40	15.88	14.65	15.17	15.14	15.66	16.13
	6H	15.43	15.37	15.47	15.83	16.38	15.84	15.77	15.87	16.24	16.79
	8H	15.15	15.52	15.66	16.01	16.59	15.66	16.04	16.18	16.53	17.11
对应照射距离，改变观察者位置S											
S = 1.0H	0.7/-0.9					0.6/-0.9					
S = 1.5H	1.3/-1.1					1.2/-1.1					
S = 2.0H	2.8/-1.3					2.2/-1.2					
标准表格	BK3					BK3					
更正系数	4.5					4.6					

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光强数据表(cd)

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C/γ(°)	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0
0.0	9186.26	9055.04	8797.20	8431.16	8022.15	7547.14	7042.21	6508.88	5944.86
30.0	9461.75	9378.10	9144.05	8831.73	8428.86	7950.78	7425.13	6886.43	6292.48
60.0	9424.91	9352.78	9130.24	8818.68	8408.91	7962.29	7442.78	6897.18	6301.69
90.0	9391.15	9367.36	9167.84	8874.70	8493.32	8040.57	7567.86	7026.09	6459.77
120.0	9372.73	9337.43	9140.22	8847.85	8468.76	8045.17	7547.91	6991.56	6443.66
150.0	9249.18	9235.37	9057.34	8776.48	8426.56	7999.89	7548.68	7028.40	6496.61
180.0	9186.26	9150.19	8963.72	8671.35	8299.17	7862.53	7406.71	6873.39	6340.83
210.0	9461.75	9385.78	9173.21	8886.98	8480.27	8029.06	7506.47	6935.54	6350.04
240.0	9425.68	9335.90	9113.36	8811.01	8429.63	7989.92	7433.57	6907.15	6316.27
270.0	9391.15	9248.42	8978.30	8636.82	8247.76	7765.08	7244.80	6719.14	6130.57
300.0	9372.73	9235.37	8993.65	8655.23	8258.50	7808.05	7270.12	6718.38	6127.50
330.0	9249.18	9100.31	8849.38	8515.57	8107.33	7645.37	7123.55	6561.83	5962.51
360.0	9186.26	9055.04	8797.20	8431.16	8022.15	7547.14	7042.21	6508.88	5944.86
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	5404.63	4861.33	4314.19	3793.91	3350.36	2912.19	2540.01	2200.07	1892.35
30.0	5729.23	5142.19	4569.72	4034.10	3532.23	3094.83	2687.35	2338.19	2015.90
60.0	5713.88	5119.93	4578.93	4044.84	3539.91	3106.34	2696.56	2327.45	2005.92
90.0	5894.22	5348.61	4773.08	4252.80	3729.45	3255.21	2840.06	2460.21	2125.63
120.0	5868.89	5280.31	4705.55	4187.57	3669.59	3220.68	2795.55	2413.40	2080.36
150.0	5916.47	5319.45	4730.11	4201.38	3674.20	3193.05	2783.27	2398.05	2082.66
180.0	5776.81	5181.32	4598.88	4071.70	3547.58	3074.88	2678.91	2301.36	1973.69
210.0	5746.88	5175.18	4576.63	4033.33	3550.65	3074.88	2667.40	2301.36	1970.57
240.0	5708.51	5147.56	4558.98	4030.26	3515.35	3077.95	2654.35	2307.50	1982.13
270.0	5574.99	4960.32	4407.04	3880.62	3416.36	2964.37	2566.11	2223.09	1903.86
300.0	5555.80	4982.57	4411.64	3896.74	3414.82	2962.07	2558.43	2228.46	1910.77
330.0	5403.09	4826.80	4285.03	3767.82	3295.11	2855.41	2493.20	2156.33	1853.98
360.0	5404.63	4861.33	4314.19	3793.91	3350.36	2912.19	2540.01	2200.07	1892.35
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	1627.60	1415.04	1215.52	1049.77	915.48	795.77	696.01	615.44	547.14
30.0	1739.64	1507.13	1296.87	1120.37	971.50	852.55	748.19	666.85	593.95
60.0	1740.41	1504.98	1304.31	1125.28	975.41	849.95	750.72	662.48	586.58
90.0	1829.42	1584.63	1362.86	1175.62	1018.31	890.16	775.82	679.90	602.39
120.0	1803.33	1520.71	1335.69	1158.58	1001.35	869.51	760.93	672.84	593.64
150.0	1784.92	1536.29	1318.35	1147.23	994.52	864.83	759.70	663.01	583.97
180.0	1692.83	1472.36	1265.10	1098.35	952.31	828.23	726.09	641.76	566.02
210.0	1713.55	1490.70	1275.23	1101.41	954.00	835.21	733.15	646.36	576.84
240.0	1702.04	1474.13	1260.03	1082.77	937.73	815.72	709.82	625.41	548.67
270.0	1640.65	1416.50	1222.74	1054.91	916.55	789.55	686.88	597.71	527.26
300.0	1649.86	1420.41	1216.29	1055.14	910.11	794.23	691.41	612.37	537.93
330.0	1576.19	1395.78	1206.24	1045.01	908.42	792.01	702.69	622.80	554.97
360.0	1627.60	1415.04	1215.52	1049.77	915.48	795.77	696.01	615.44	547.14
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	488.82	441.24	400.57	365.19	335.73	304.73	279.79	255.00	231.21
30.0	531.79	481.14	439.71	401.34	370.49	341.33	311.48	284.01	255.38
60.0	526.04	471.40	426.05	383.69	350.77	318.92	289.07	261.52	233.05
90.0	532.56	477.31	428.96	388.29	355.14	323.30	293.29	265.28	238.81
120.0	530.56	474.08	425.20	383.84	350.31	318.46	288.84	261.29	233.36
150.0	519.51	469.63	426.66	389.83	359.21	327.52	301.04	272.03	245.02
180.0	501.86	449.84	403.49	367.57	333.50	304.26	275.10	250.01	225.22
210.0	517.21	468.33	421.37	385.99	350.77	319.38	289.15	259.30	230.67
240.0	484.21	431.27	389.83	351.61	319.54	288.92	259.99	232.59	206.73
270.0	468.71	420.06	380.31	343.48	310.79	281.17	254.23	228.75	205.12
300.0	476.54	428.20	387.52	348.39	316.93	287.31	258.91	233.13	207.58
330.0	502.63	454.36	412.23	377.01	345.01	313.32	284.31	256.76	227.91
360.0	488.82	441.24	400.57	365.19	335.73	304.73	279.79	255.00	231.21

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光强数据表(cd)

附页 第 8页 共8页

C/γ(°)	72.0	74.0	76.0	78.0	80.0	82.0	84.0	86.0	88.0
0.0	206.88	183.48	160.84	136.90	112.57	86.71	60.24	34.53	9.90
30.0	225.99	197.37	169.13	140.05	113.57	85.72	54.79	27.09	9.98
60.0	208.27	183.17	157.16	126.31	98.22	68.91	40.36	23.02	11.28
90.0	213.71	189.00	157.47	126.77	102.37	67.61	39.75	25.63	13.12
120.0	207.50	183.71	155.47	121.32	92.32	67.45	40.44	22.10	10.36
150.0	217.63	190.08	162.53	134.29	110.81	82.80	52.64	27.63	9.67
180.0	198.98	176.65	152.17	127.31	101.60	76.58	49.50	27.47	8.59
210.0	201.74	172.05	143.50	119.02	93.01	62.92	37.60	12.66	4.99
240.0	184.78	159.15	128.61	100.14	75.97	46.73	25.02	12.12	6.22
270.0	179.03	148.64	119.40	94.85	62.46	36.99	23.71	13.51	5.22
300.0	184.55	159.38	130.22	99.61	75.97	47.12	24.86	11.97	6.06
330.0	201.67	171.66	144.80	118.79	93.16	61.93	36.99	12.58	5.22
360.0	206.88	183.48	160.84	136.90	112.57	86.71	60.24	34.53	9.90
C/γ(°)	90.0								
0.0	1.61								
30.0	3.22								
60.0	4.53								
90.0	5.14								
120.0	4.22								
150.0	3.30								
180.0	1.61								
210.0	1.23								
240.0	1.38								
270.0	1.46								
300.0	1.30								
330.0	1.38								
360.0	1.61								