

浙大三色

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ROLED

灯具名称: 投光灯

灯具描述: F3071A-36-UN(60-OL-36WN-AA, L350mm, C, CT)

报告编号:

电压(V): 220.2000

测试编号: 20210330006

电流(A): 0.2000

光源规格型号: OL

功率(W): 43.2000

每个光源光通量(lm)

功率因数: 0.9820

光源数量: 36

镇流器型号:

发光面长度(mm): 290

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): 3665.73

灯具效能(lm/w): 84.85

中心光强(cd): 3640.432

最大光强(cd): 3691.846

最大光强角度: $C=30.0$ $\gamma=2.0$

半峰边角(50%Imax): [C0/180]Total=53.3

[C90/270]Total=53.1

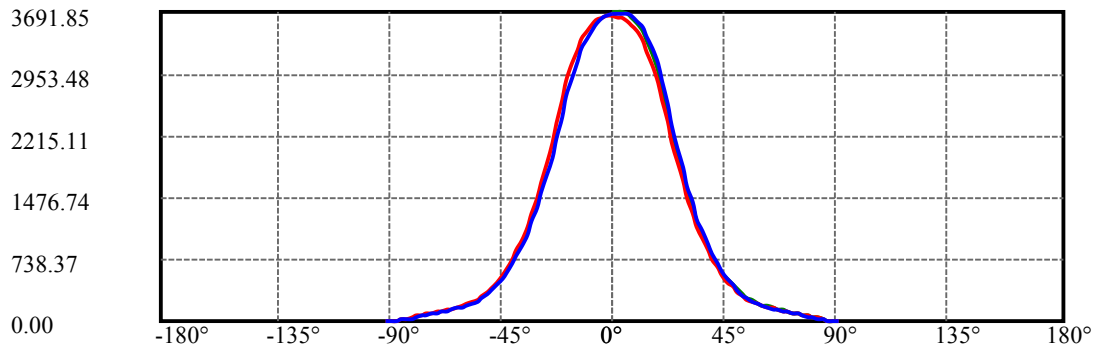
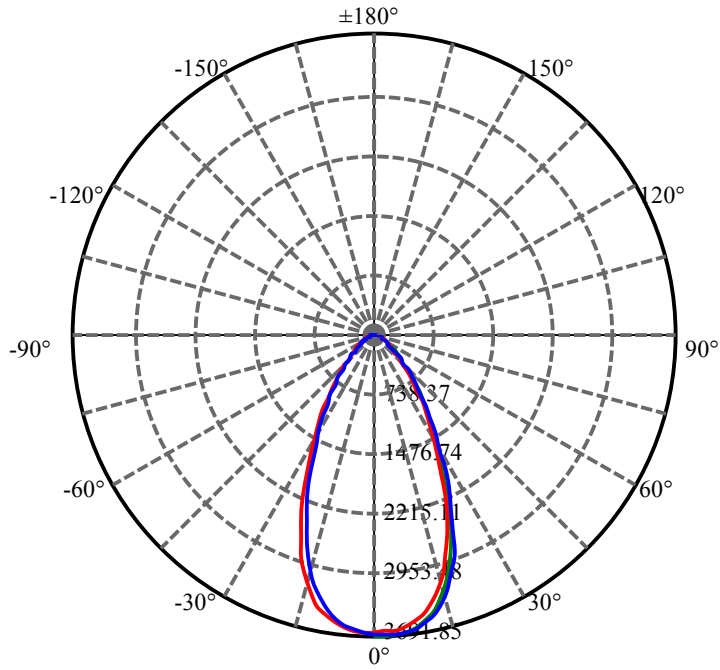
光束扩散角(10%Imax): [C0/180]Total=98.7

[C90/270]Total=98.3

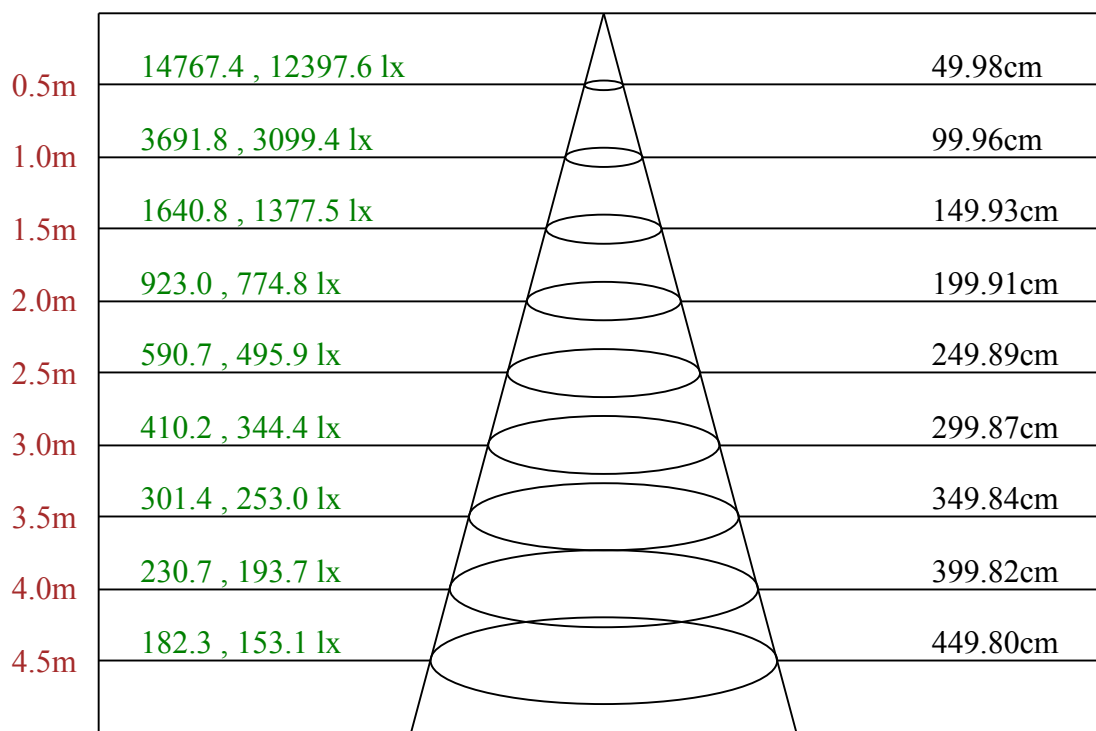
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/3/30
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

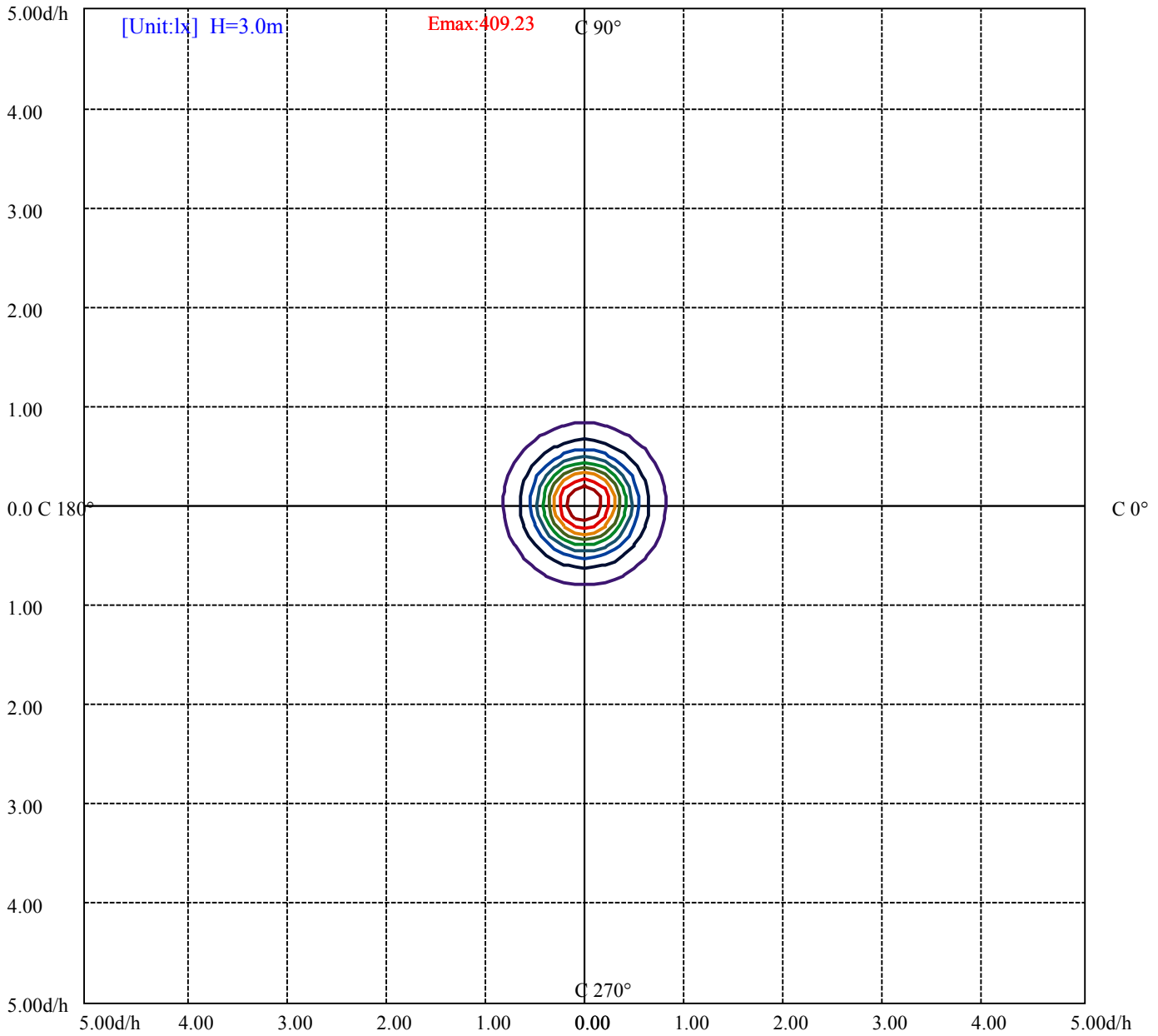


C30(Max): —
C0/C180: —
C90/C270: —



Max , Ave C30面光束角53.10

ROLED 投光灯
平面等照度曲线



(10%Emax) 40.92244	—
(20%Emax) 81.84489	—
(30%Emax) 122.7678	—
(40%Emax) 163.69	—
(50%Emax) 204.6122	—
(60%Emax) 245.5345	—
(70%Emax) 286.4567	—
(80%Emax) 327.38	—
(90%Emax) 368.3022	—

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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

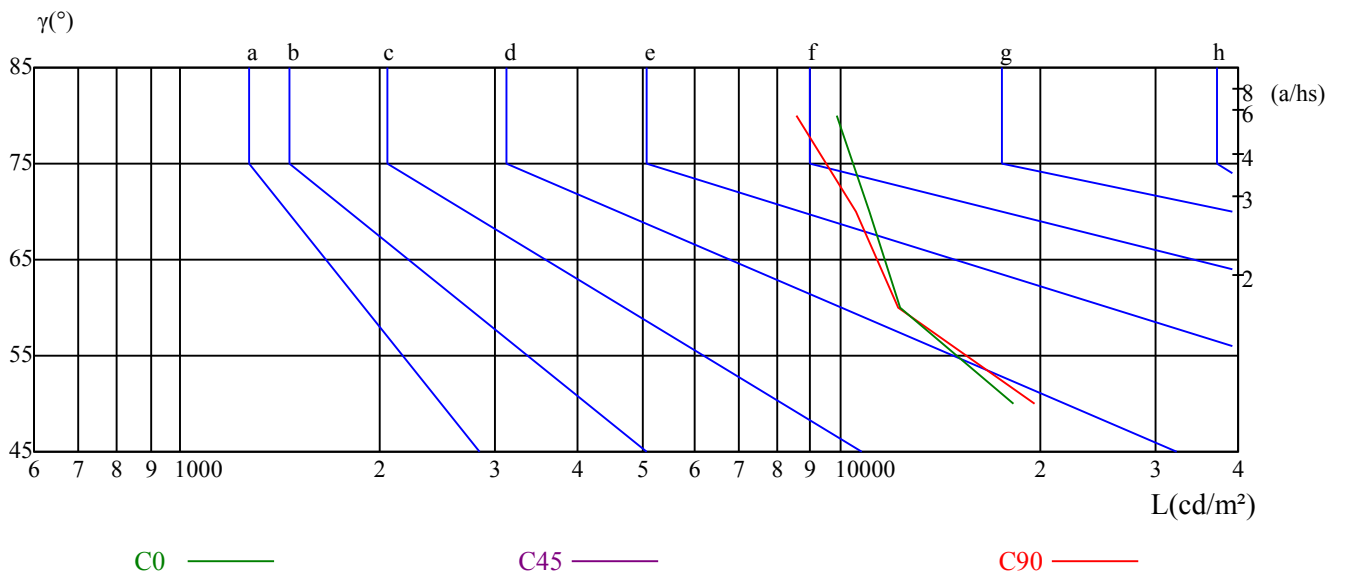
γ	45	50	55	60	65	70	75	80	85
C0	0	18301	0	12270	0	11042	0	9838	0
C45	0	0	0	0	0	0	0	0	0
C90	0	19608	0	12208	0	10584	0	8581	0

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	13.33	14.54	13.69	14.85	15.17	13.63	14.84	13.99	15.15	15.47
	3H	14.76	15.84	15.14	16.17	16.53	15.12	16.19	15.50	16.52	16.89
	4H	15.31	16.32	15.72	16.67	17.05	15.72	16.72	16.12	17.07	17.46
	6H	15.65	16.57	16.07	16.94	17.34	16.16	17.08	16.58	17.46	17.85
	8H	15.73	16.60	16.16	16.99	17.39	16.29	17.16	16.72	17.55	17.96
	12H	15.79	16.62	16.23	17.01	17.44	16.41	17.24	16.84	17.62	18.05
4H	2H	13.80	14.80	14.20	15.15	15.54	14.05	15.05	14.45	15.40	15.78
	3H	15.45	16.28	15.87	16.68	17.09	15.79	16.61	16.20	17.01	17.42
	4H	16.13	16.87	16.57	17.29	17.73	16.51	17.25	16.95	17.67	18.11
	6H	16.50	17.13	16.96	17.58	18.05	16.98	17.61	17.45	18.06	18.53
	8H	16.60	17.19	17.07	17.64	18.11	17.15	17.74	17.62	18.18	18.66
	12H	16.67	17.19	17.16	17.67	18.15	17.27	17.79	17.76	18.28	18.75
8H	4H	16.37	16.96	16.84	17.41	17.88	16.71	17.30	17.18	17.75	18.22
	6H	16.84	17.32	17.34	17.82	18.30	17.30	17.77	17.80	18.27	18.75
	8H	16.99	17.42	17.52	17.93	18.43	17.52	17.94	18.04	18.46	18.96
	12H	17.57	17.94	18.09	18.44	19.01	18.14	18.51	18.66	19.01	19.58
12H	4H	16.37	16.89	16.86	17.38	17.85	16.70	17.22	17.19	17.70	18.18
	6H	17.36	17.30	17.40	17.77	18.31	17.80	17.74	17.84	18.20	18.75
	8H	17.06	17.43	17.57	17.92	18.50	17.57	17.94	18.08	18.43	19.01
对应照射距离，改变观察者位置S											
S = 1.0H	0.9/-1.3					0.8/-1.1					
S = 1.5H	1.8/-1.6					1.5/-1.5					
S = 2.0H	3.5/-1.8					3.0/-1.6					
标准表格	BK3					BK3					
更正系数	4.7					4.8					

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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	3640.43	3632.76	3618.95	3585.18	3531.46	3455.49	3351.13	3219.91	3044.18
30.0	3688.01	3691.85	3685.71	3668.06	3628.15	3556.79	3465.47	3341.16	3176.94
60.0	3678.03	3685.71	3685.71	3674.96	3637.36	3577.51	3487.72	3366.48	3214.54
90.0	3661.92	3672.66	3674.20	3665.76	3638.13	3582.88	3508.44	3400.24	3262.12
120.0	3656.55	3664.99	3666.52	3658.08	3622.78	3563.69	3479.28	3359.57	3201.49
150.0	3646.57	3655.78	3653.48	3639.66	3600.53	3535.30	3453.19	3334.25	3183.84
180.0	3640.43	3640.43	3628.15	3602.06	3547.58	3469.31	3378.76	3243.70	3065.67
210.0	3688.01	3678.80	3657.31	3613.57	3547.58	3451.66	3328.88	3170.03	2979.72
240.0	3678.03	3661.15	3638.90	3589.78	3515.35	3419.43	3288.21	3130.13	2929.07
270.0	3661.92	3644.27	3615.88	3563.69	3487.72	3379.52	3256.74	3090.99	2883.80
300.0	3656.55	3638.13	3613.57	3568.30	3496.93	3401.78	3276.70	3122.45	2929.07
330.0	3646.57	3631.22	3609.74	3564.46	3496.93	3404.85	3285.14	3133.20	2941.35
360.0	3640.43	3632.76	3618.95	3585.18	3531.46	3455.49	3351.13	3219.91	3044.18
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	2850.03	2625.96	2388.07	2131.77	1896.95	1672.88	1467.99	1294.56	1127.28
30.0	2987.39	2760.25	2507.78	2247.64	2009.76	1774.94	1560.08	1369.00	1190.20
60.0	3018.86	2791.71	2534.64	2284.48	2022.80	1795.66	1522.70	1385.42	1204.70
90.0	3077.18	2855.41	2596.03	2338.19	2073.45	1828.66	1616.09	1410.44	1224.73
120.0	3018.86	2794.02	2539.25	2289.85	2029.71	1791.06	1528.69	1390.26	1209.23
150.0	2990.46	2764.86	2508.55	2262.22	2010.53	1774.94	1569.28	1366.70	1185.60
180.0	2860.01	2629.80	2370.42	2127.93	1883.91	1660.60	1475.74	1287.50	1119.29
210.0	2762.55	2521.60	2272.20	2027.41	1798.73	1531.07	1401.38	1223.20	1068.34
240.0	2714.21	2480.93	2227.69	1994.41	1774.17	1563.91	1370.53	1208.62	1050.54
270.0	2672.77	2431.81	2189.32	1954.51	1735.04	1526.54	1356.18	1185.29	1029.43
300.0	2721.12	2493.20	2246.88	2018.20	1800.26	1587.70	1395.09	1230.87	1071.26
330.0	2740.30	2507.78	2270.67	2032.01	1806.40	1600.75	1416.96	1239.85	1077.24
360.0	2850.03	2625.96	2388.07	2131.77	1896.95	1672.88	1467.99	1294.56	1127.28
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	985.31	854.86	735.91	633.85	549.44	469.63	402.87	351.38	301.81
30.0	1041.33	901.67	777.35	669.92	580.90	499.56	432.03	388.29	321.30
60.0	1054.22	911.34	785.18	681.28	584.97	501.02	428.66	369.03	313.86
90.0	1070.49	925.46	796.54	686.03	593.18	506.47	432.80	376.47	308.95
120.0	1049.85	913.79	785.79	680.59	583.36	498.41	425.51	365.73	310.63
150.0	1027.52	894.76	770.45	666.85	573.23	490.35	423.59	362.20	314.01
180.0	970.73	844.42	725.94	628.48	539.08	461.12	395.20	341.41	293.60
210.0	929.22	804.67	698.01	602.70	518.82	444.77	386.14	332.66	287.69
240.0	920.08	798.84	689.10	592.41	511.07	441.24	389.06	329.13	281.70
270.0	902.28	781.42	677.06	579.37	500.64	427.27	367.19	311.48	266.20
300.0	935.43	811.88	699.85	601.62	519.51	447.38	389.83	333.81	285.39
330.0	944.87	820.09	711.66	615.13	529.72	453.90	390.90	339.18	292.68
360.0	985.31	854.86	735.91	633.85	549.44	469.63	402.87	351.38	301.81
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	263.52	229.98	204.58	183.25	166.52	151.02	137.44	125.47	112.80
30.0	278.33	243.80	217.40	194.68	176.88	160.00	144.73	131.30	117.10
60.0	270.35	233.74	204.97	182.48	163.76	148.26	133.45	120.48	107.36
90.0	265.28	232.67	204.81	182.33	163.76	146.95	133.29	119.56	108.12
120.0	265.74	231.29	202.89	180.72	162.30	146.95	132.14	119.33	106.28
150.0	272.34	240.34	213.02	190.92	173.12	156.39	141.43	127.54	114.34
180.0	255.15	225.69	199.98	179.11	161.61	147.26	133.91	120.78	108.43
210.0	253.77	224.38	201.67	181.64	165.29	149.87	136.36	122.32	108.05
240.0	245.02	214.02	190.92	171.66	155.39	140.74	126.69	114.49	100.53
270.0	234.51	207.50	185.40	167.29	151.10	136.75	124.08	111.73	100.37
300.0	248.09	216.17	192.46	172.97	157.39	142.04	128.08	115.72	102.67
330.0	257.68	227.53	203.05	184.55	167.44	151.86	137.97	124.70	110.43
360.0	263.52	229.98	204.58	183.25	166.52	151.02	137.44	125.47	112.80

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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	100.91	89.09	76.89	64.08	51.03	37.75	24.17	11.36	1.30
30.0	102.91	88.79	75.59	61.85	49.88	35.68	21.41	9.44	3.22
60.0	95.46	83.80	70.68	55.63	42.21	29.08	16.65	9.36	4.83
90.0	96.77	84.49	69.98	55.63	44.51	28.39	16.35	10.97	6.29
120.0	94.92	82.95	69.52	54.41	41.75	28.24	15.27	8.90	4.60
150.0	100.22	87.17	73.21	59.16	47.50	32.84	19.03	8.44	2.76
180.0	97.15	85.03	72.29	60.16	47.12	33.92	20.87	8.67	1.30
210.0	94.39	79.96	65.46	52.64	39.75	25.25	13.58	4.22	1.61
240.0	89.78	77.12	62.92	48.19	35.38	21.56	11.36	5.45	2.53
270.0	87.94	73.36	59.09	47.35	31.39	18.88	12.12	6.60	2.46
300.0	91.39	78.96	64.46	49.42	37.22	22.71	11.97	5.99	2.92
330.0	97.15	82.95	68.37	55.10	42.74	27.63	15.96	5.06	1.84
360.0	100.91	89.09	76.89	64.08	51.03	37.75	24.17	11.36	1.30
C/γ(°)	90.0								
0.0	0.46								
30.0	1.00								
60.0	1.84								
90.0	2.30								
120.0	1.38								
150.0	0.61								
180.0	0.31								
210.0	0.31								
240.0	0.23								
270.0	0.23								
300.0	0.23								
330.0	0.23								
360.0	0.46								