

浙大三色

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ROLED

灯具名称: 投光灯

灯具描述: F3084A-30-UN-RC-Y(20-XL-30RGBWN-AJ,L715mm,B,CT)

报告编号:

电压(V): 201.3000

测试编号: 20210227005

电流(A): 0.6630

光源规格型号: XL

功率(W): 132.4000

每个光源光通量(lm)

功率因数: 0.9910

光源数量: 30

镇流器型号:

发光面长度(mm): 650

发光面宽度(mm): 105

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 6772.01

灯具效能(lm/w): 51.15

中心光强(cd): 29597.690

最大光强(cd): 30802.470

最大光强角度: C=30.0 γ =0.0

半峰边角(50%Imax): [C0/180]Total=21.7

[C90/270]Total=22.1

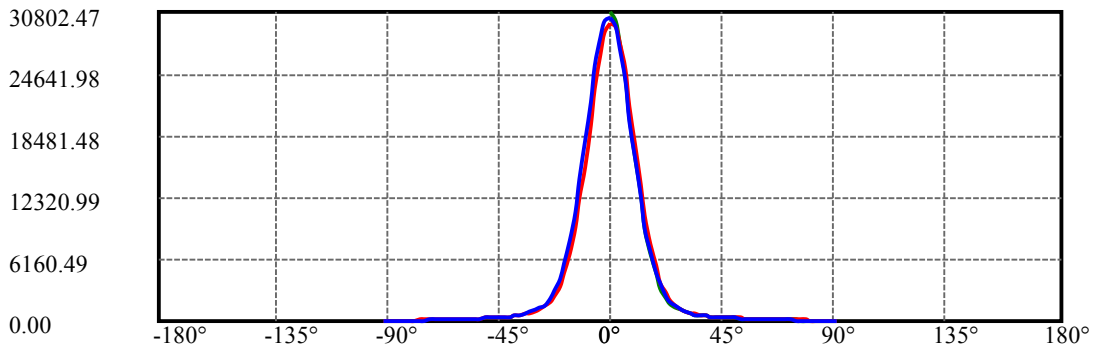
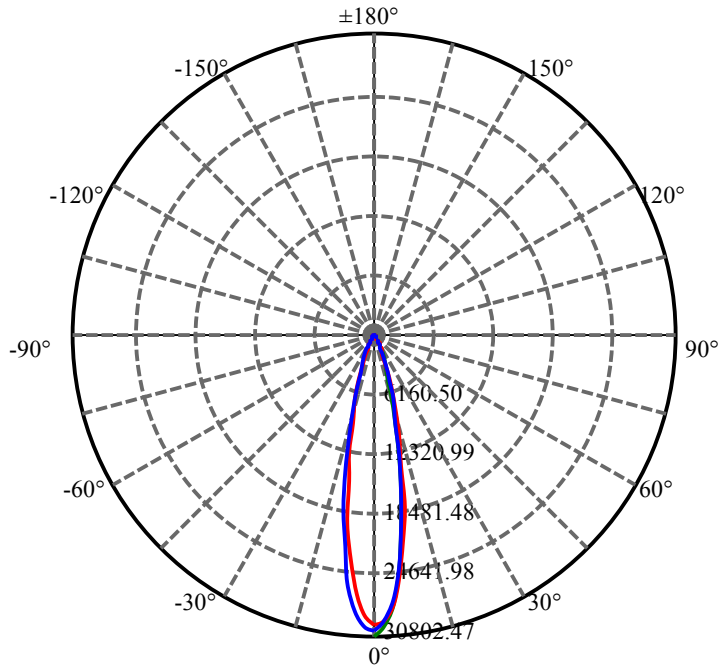
光束扩散角(10%Imax): [C0/180]Total=42.8

[C90/270]Total=43.3

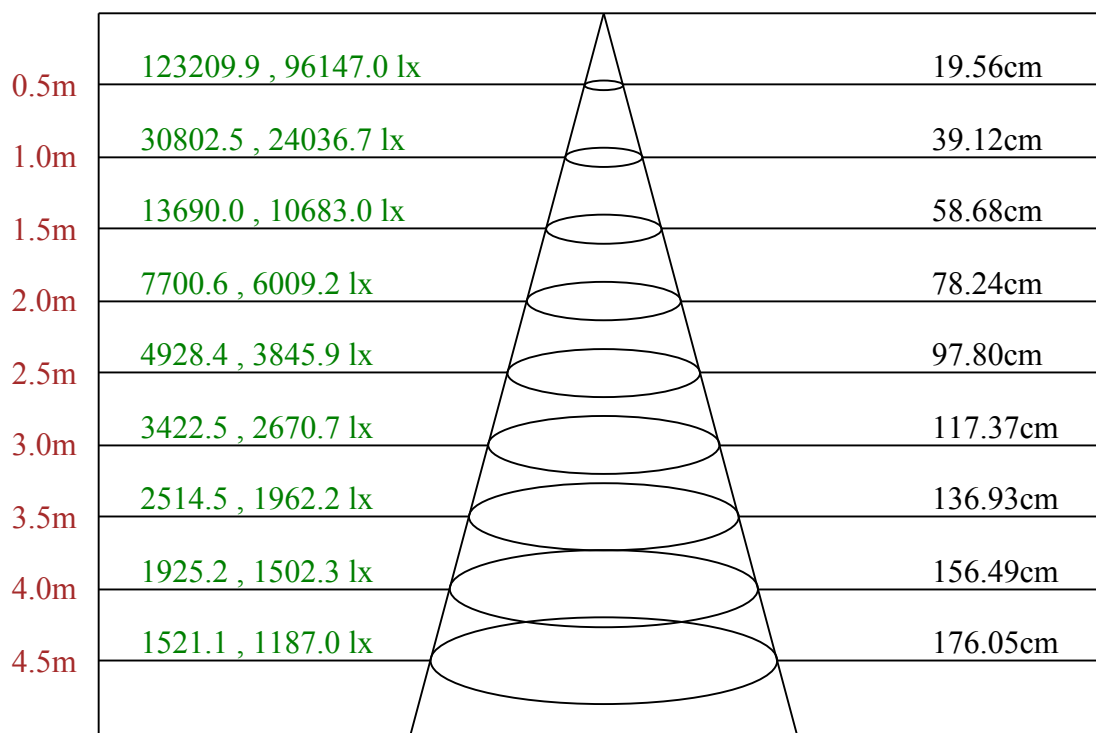
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/2/27
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

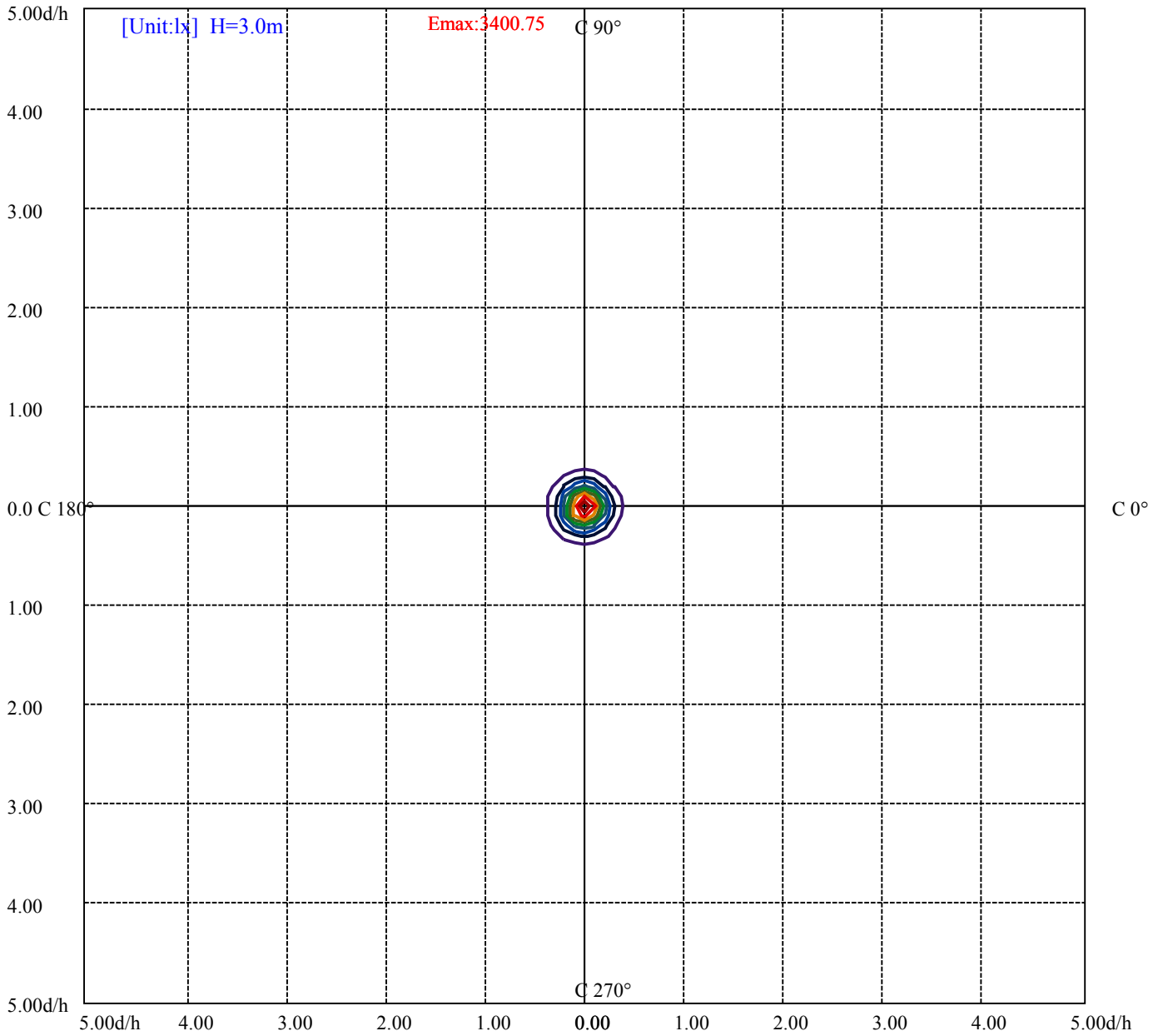


C30(Max): —
C0/C180: —
C90/C270: —



Max , Ave C30面光束角22.13

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平面等照度曲线



- (10%Emax) 340.0744
- (20%Emax) 680.1478
- (30%Emax) 1020.222
- (40%Emax) 1360.3
- (50%Emax) 1700.367
- (60%Emax) 2040.444
- (70%Emax) 2380.522
- (80%Emax) 2720.589
- (90%Emax) 3060.667

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环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

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灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

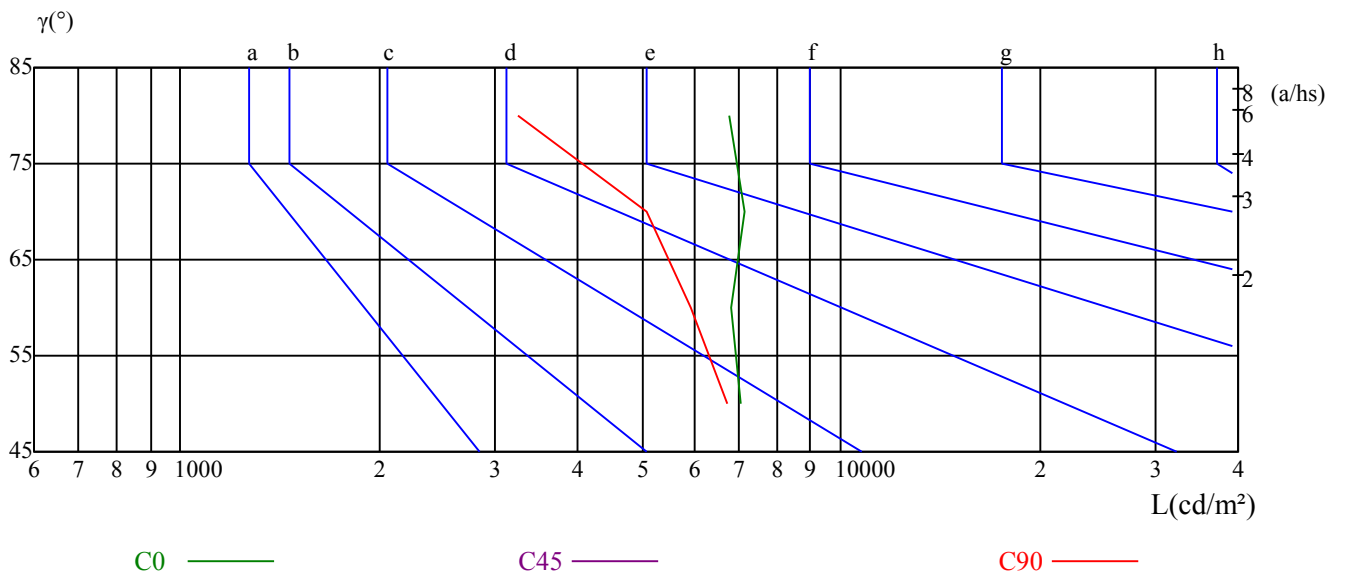
γ	45	50	55	60	65	70	75	80	85
C0	0	7048	0	6825	0	7153	0	6766	0
C45	0	0	0	0	0	0	0	0	0
C90	0	6727	0	5912	0	5069	0	3250	0

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	7.17	8.23	7.53	8.54	8.86	7.63	8.69	8.00	9.00	9.32
	3H	8.74	9.68	9.12	10.01	10.38	9.78	10.72	10.17	11.06	11.42
	4H	9.30	10.17	9.70	10.52	10.91	10.55	11.42	10.95	11.77	12.16
	6H	9.59	10.39	10.00	10.76	11.16	11.09	11.89	11.51	12.27	12.66
	8H	9.63	10.39	10.07	10.78	11.19	11.28	12.03	11.71	12.42	12.83
	12H	9.68	10.40	10.11	10.78	11.21	11.51	12.23	11.95	12.61	13.05
4H	2H	7.89	8.77	8.30	9.12	9.51	8.24	9.12	8.65	9.47	9.86
	3H	9.61	10.33	10.03	10.74	11.14	10.63	11.34	11.04	11.75	12.16
	4H	10.24	10.89	10.68	11.31	11.76	11.46	12.10	11.90	12.53	12.97
	6H	10.55	11.10	11.02	11.55	12.02	11.99	12.54	12.46	12.99	13.46
	8H	10.62	11.13	11.09	11.58	12.06	12.21	12.72	12.68	13.17	13.64
	12H	10.67	11.11	11.16	11.60	12.07	12.45	12.89	12.94	13.38	13.86
8H	4H	10.54	11.05	11.02	11.50	11.98	11.60	12.12	12.08	12.57	13.04
	6H	10.95	11.36	11.46	11.86	12.34	12.23	12.64	12.74	13.14	13.63
	8H	11.07	11.43	11.60	11.95	12.44	12.51	12.87	13.04	13.40	13.89
	12H	11.67	11.98	12.19	12.48	13.06	13.28	13.59	13.80	14.09	14.67
12H	4H	10.54	10.99	11.03	11.48	11.95	11.58	12.02	12.07	12.51	12.99
	6H	11.32	11.35	11.52	11.82	12.36	12.56	12.59	12.76	13.06	13.61
	8H	11.14	11.45	11.66	11.95	12.53	12.54	12.86	13.06	13.35	13.93
对应照射距离，改变观察者位置S											
S = 1.0H	0.3/-0.5					0.2/-0.6					
S = 1.5H	0.8/-0.8					0.8/-0.6					
S = 2.0H	1.5/-0.9					0.8/-0.6					
标准表格	BK3					BK3					
更正系数	-0.9					0.3					

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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	29597.69	29275.39	27725.29	25108.54	21394.44	17641.97	13666.97	10436.31	7696.78
30.0	30802.47	29766.52	27671.58	24095.61	20220.36	16191.63	12584.97	9246.88	6607.11
60.0	30411.11	29283.07	26881.18	23351.25	19406.94	15207.09	11862.87	8829.43	6274.07
90.0	30180.90	29306.09	27142.09	23865.39	19959.45	16237.68	12492.88	9269.90	6829.65
120.0	29958.36	29006.81	26796.77	23474.03	19821.32	15269.25	12372.40	9263.00	6775.93
150.0	29843.25	29129.59	27180.46	24057.24	20488.94	16636.71	12968.65	9899.15	7282.40
180.0	29597.69	28722.88	26566.56	23236.15	19437.63	15223.97	12223.53	9322.85	6791.28
210.0	30802.47	30564.59	28991.47	25991.03	22422.73	18486.09	14553.29	11070.17	8221.67
240.0	30411.11	30372.74	28960.77	26344.02	22683.63	19015.58	15002.20	11556.68	8517.87
270.0	30180.90	29904.64	28354.54	25430.84	21770.46	18071.70	14182.64	10817.70	8011.41
300.0	29958.36	29774.19	28293.15	25515.25	22054.39	18148.44	14334.58	10858.37	8218.60
330.0	29843.25	29390.50	27679.25	24870.66	20995.41	17242.94	13383.80	10273.63	7592.42
360.0	29597.69	29275.39	27725.29	25108.54	21394.44	17641.97	13666.97	10436.31	7696.78
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	5502.09	3921.29	2818.57	2094.17	1570.82	1240.85	1016.01	851.02	721.33
30.0	4704.01	3306.62	2385.77	1768.80	1375.14	1092.74	903.97	758.17	648.43
60.0	4380.95	3106.34	2255.32	1708.18	1333.24	1076.17	883.71	745.43	639.68
90.0	4857.49	3898.27	2509.32	1890.05	1443.43	1152.60	936.97	782.72	668.38
120.0	4856.72	3552.18	2586.06	1950.67	1508.74	1196.11	974.49	818.87	691.64
150.0	5340.94	3882.92	2765.62	2035.85	1566.98	1233.94	999.89	832.60	701.38
180.0	4819.12	3441.68	2527.74	1873.93	1453.95	1171.09	956.61	794.23	670.69
210.0	5802.13	4181.43	3001.21	2185.49	1528.92	1324.18	1058.98	884.48	744.05
240.0	6200.40	4335.67	3115.55	2316.71	1712.02	1354.42	1086.60	897.06	752.80
270.0	5814.41	4133.09	3025.00	2209.28	1607.65	1323.26	1069.26	882.33	741.52
300.0	5970.19	4235.92	3124.76	2302.13	1733.50	1361.33	1106.56	907.04	765.84
330.0	5430.72	3948.92	2847.73	2114.12	1518.94	1269.09	1022.14	856.24	722.71
360.0	5502.09	3921.29	2818.57	2094.17	1570.82	1240.85	1016.01	851.02	721.33
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	613.90	532.56	469.63	417.45	388.29	355.37	330.28	309.18	291.30
30.0	565.56	499.56	448.15	403.64	370.26	340.64	317.46	299.43	283.85
60.0	560.41	494.19	442.47	401.57	366.58	338.26	315.55	297.90	282.01
90.0	571.70	498.79	440.47	399.04	365.58	338.41	315.08	295.13	275.95
120.0	595.25	525.12	462.11	415.38	375.02	345.86	321.22	302.04	284.47
150.0	600.86	520.28	461.19	410.55	371.49	339.10	315.93	296.51	275.64
180.0	579.29	503.32	446.08	399.73	362.89	334.12	311.25	290.84	273.57
210.0	633.32	554.81	490.51	434.87	391.29	358.13	329.28	307.56	290.22
240.0	646.90	557.88	494.19	443.54	394.43	361.28	330.20	306.41	286.69
270.0	631.47	544.38	474.93	415.00	373.79	342.71	317.39	293.75	270.27
300.0	653.80	563.25	494.96	439.71	392.13	358.75	330.74	306.03	287.61
330.0	616.74	544.15	481.61	430.11	386.68	353.61	325.37	304.42	287.77
360.0	613.90	532.56	469.63	417.45	388.29	355.37	330.28	309.18	291.30
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	274.34	259.76	246.63	232.90	219.93	209.19	196.83	182.71	166.98
30.0	270.35	257.68	246.79	237.58	229.60	219.09	205.04	187.55	168.21
60.0	268.04	252.24	234.43	215.71	199.06	182.10	163.76	146.03	127.38
90.0	254.92	235.74	217.78	201.74	184.94	168.67	153.01	135.75	118.33
120.0	268.81	253.69	235.66	217.09	200.13	184.40	166.14	146.88	126.16
150.0	260.22	246.10	235.66	228.29	221.16	212.26	201.74	188.39	165.06
180.0	257.92	243.33	230.06	216.17	204.58	193.15	180.26	166.14	150.33
210.0	274.11	260.75	248.71	238.19	228.83	220.31	208.73	193.38	172.89
240.0	268.97	250.93	231.21	212.18	195.60	181.56	166.14	150.79	133.22
270.0	249.01	230.67	214.17	196.99	181.41	165.98	149.79	134.67	118.33
300.0	268.97	250.86	231.36	214.40	198.52	183.33	167.44	150.41	132.53
330.0	272.96	261.06	249.17	240.65	233.36	224.46	211.18	193.99	173.12
360.0	274.34	259.76	246.63	232.90	219.93	209.19	196.83	182.71	166.98

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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	150.25	132.45	116.26	99.14	80.19	63.69	47.50	31.62	15.96
30.0	144.88	117.95	93.31	71.98	54.87	38.83	27.86	9.06	3.91
60.0	109.27	90.01	75.74	65.61	42.13	23.79	18.26	7.67	4.76
90.0	101.68	88.02	78.50	60.32	38.52	24.79	19.18	8.06	5.14
120.0	103.06	86.10	73.36	62.92	41.52	22.41	17.42	7.37	4.53
150.0	142.81	116.64	90.32	70.98	51.34	37.45	25.86	8.36	3.68
180.0	134.83	117.56	101.60	82.49	66.07	50.95	37.45	20.87	5.68
210.0	148.03	120.32	94.77	75.13	57.94	42.74	32.84	10.67	4.68
240.0	114.19	96.15	81.42	70.52	51.41	28.55	16.88	10.21	4.53
270.0	102.98	88.86	80.11	58.17	37.45	21.87	17.42	7.14	4.60
300.0	113.57	96.15	80.19	68.68	50.95	26.47	15.73	9.98	4.45
330.0	145.57	117.87	91.55	71.90	54.71	39.60	29.77	9.59	4.68
360.0	150.25	132.45	116.26	99.14	80.19	63.69	47.50	31.62	15.96
C/γ(°)	90.0								
0.0	1.61								
30.0	0.54								
60.0	0.61								
90.0	0.61								
120.0	0.61								
150.0	0.69								
180.0	0.84								
210.0	1.53								
240.0	1.38								
270.0	1.15								
300.0	1.38								
330.0	1.69								
360.0	1.61								