

浙大三色

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ROLED

灯具名称: 投光灯

灯具描述: F1022A-6-UN(15-OL-6WN-AJ, CT)

报告编号:

电压(V): 202.1000

测试编号: 20210222003

电流(A): 0.0720

光源规格型号: OL

功率(W): 7.2000

每个光源光通量(lm)

功率因数: 0.4910

光源数量: 6

镇流器型号:

发光面长度(mm): 88

发光面宽度(mm): 88

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 640.28

灯具效能(lm/w): 88.93

中心光强(cd): 4800.705

最大光强(cd): 4881.279

最大光强角度: $C=60.0$ $\gamma=0.0$

半峰边角(50%Imax): [C0/180]Total=15.0

[C90/270]Total=15.3

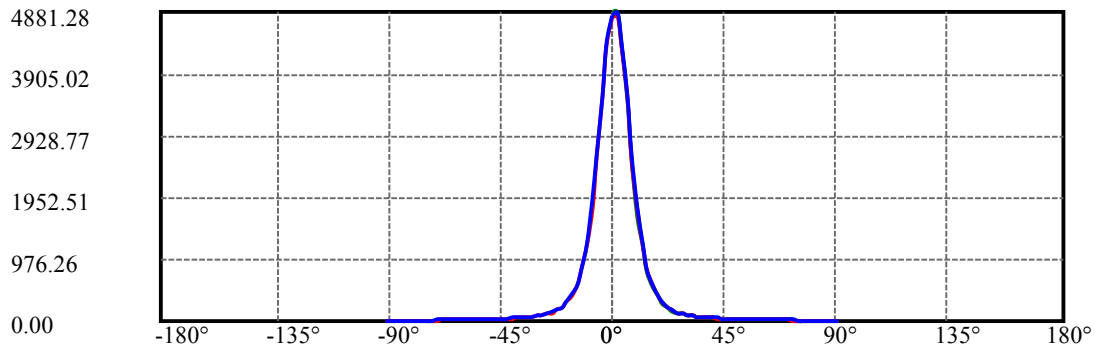
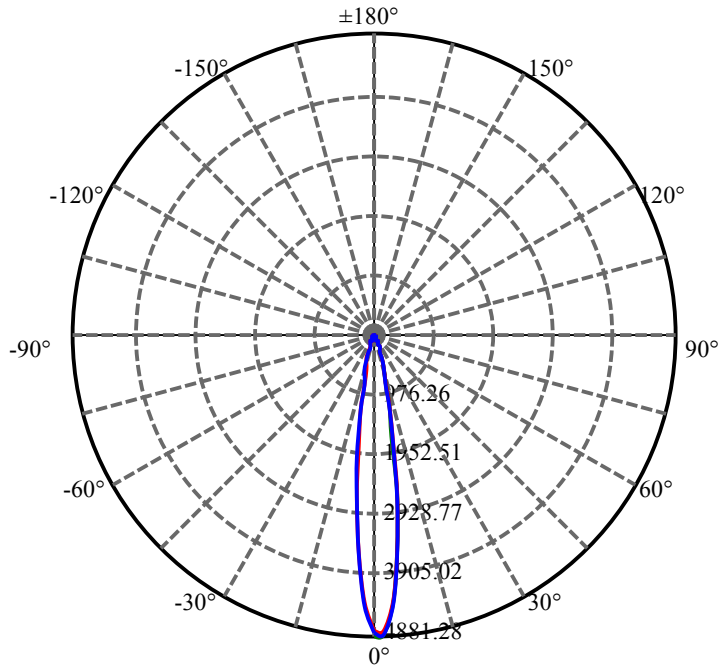
光束扩散角(10%Imax): [C0/180]Total=32.1

[C90/270]Total=32.2

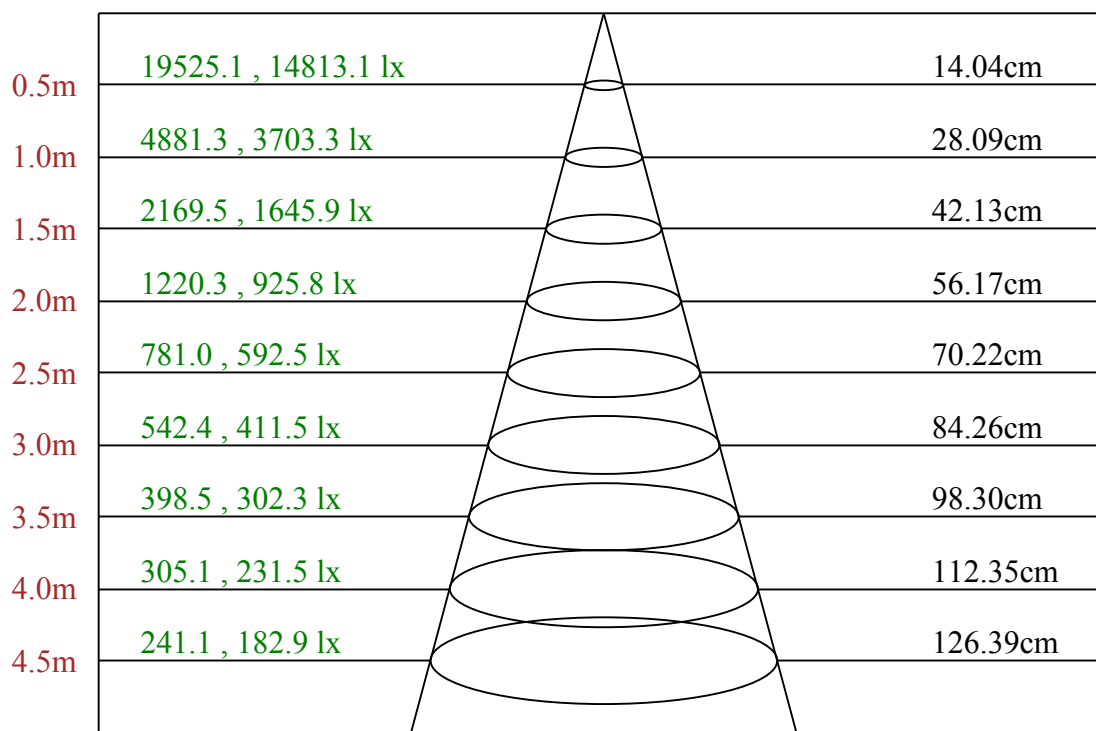
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/2/22
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

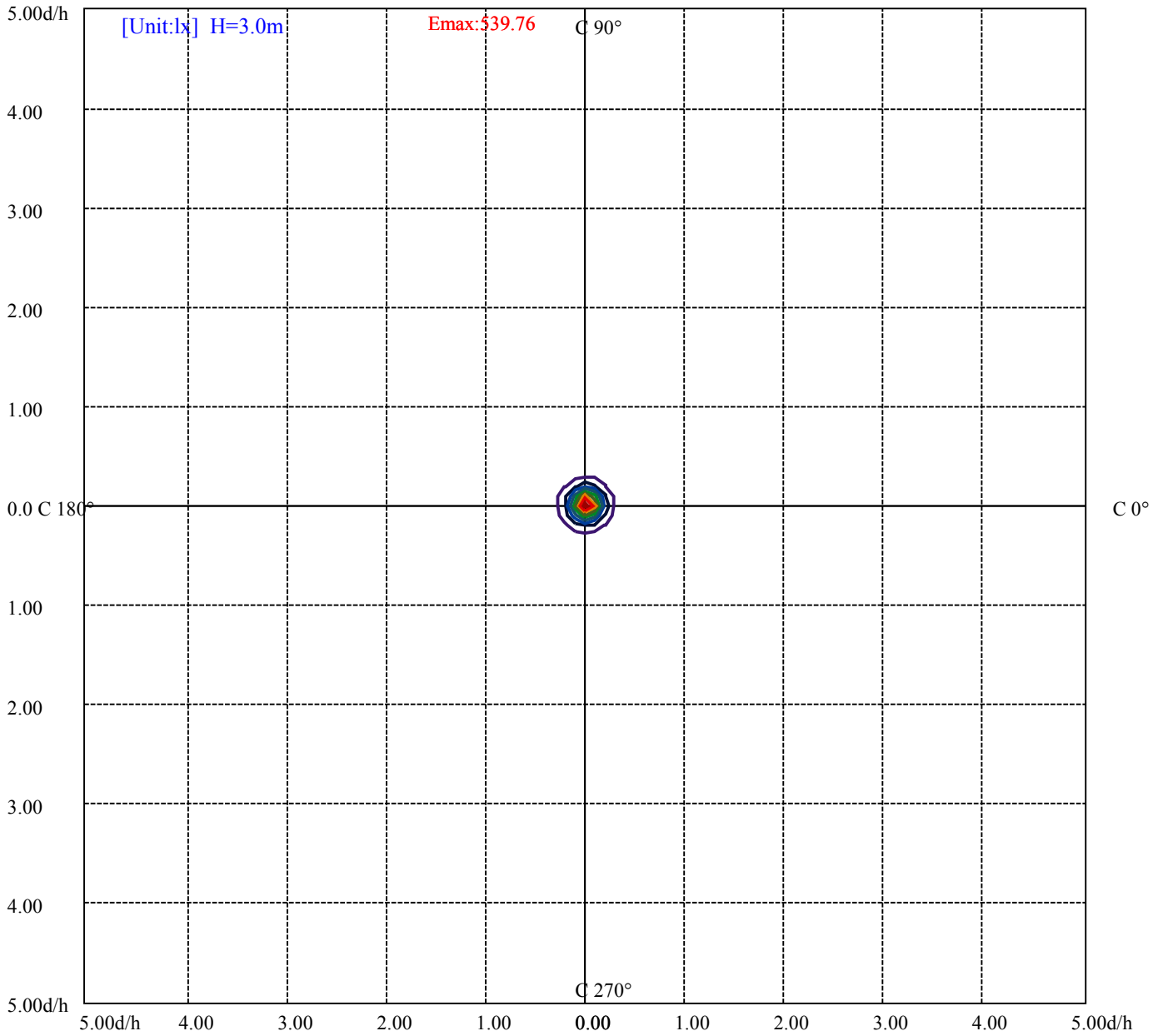


C60(Max): ——
C0/C180: ——
C90/C270: ——



Max , Ave C60面光束角15.98

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平面等照度曲线



- (10%Emax) 53.97644
- (20%Emax) 107.9529
- (30%Emax) 161.9289
- (40%Emax) 215.9056
- (50%Emax) 269.8822
- (60%Emax) 323.8589
- (70%Emax) 377.8344
- (80%Emax) 431.8111
- (90%Emax) 485.7878

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测试日期: 2021/2/22
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

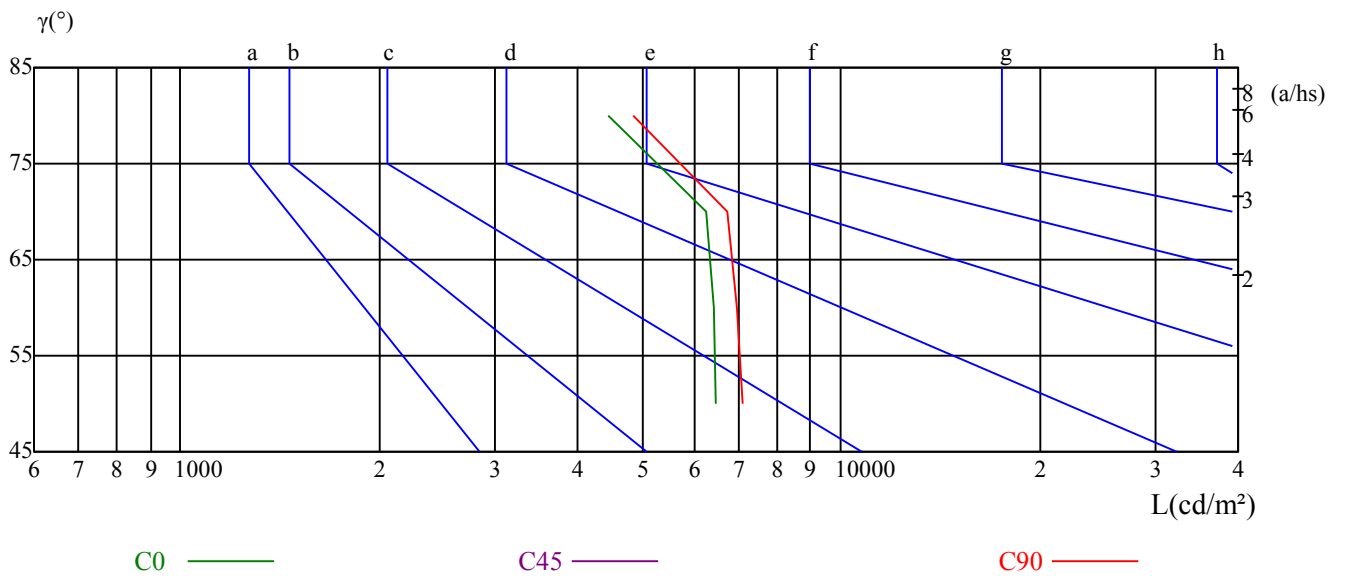
γ	45	50	55	60	65	70	75	80	85
C0	0	6490	0	6441	0	6258	0	4451	0
C45	0	0	0	0	0	0	0	0	0
C90	0	7107	0	6956	0	6722	0	4851	0

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

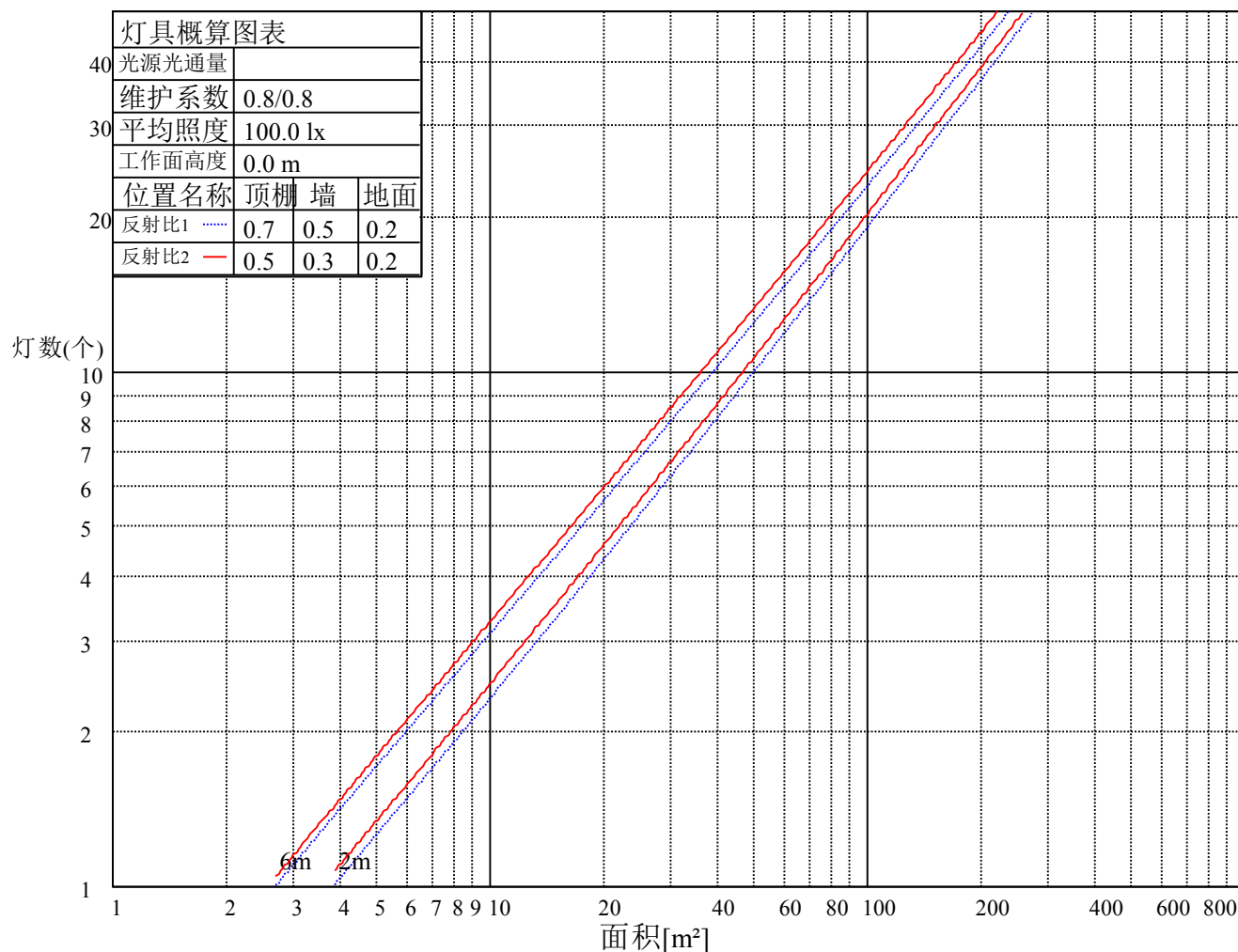
亮度限制曲线



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	16.34	17.42	16.71	17.73	18.04	16.05	17.12	16.41	17.44	17.75
	3H	18.27	19.22	18.65	19.55	19.92	17.93	18.88	18.31	19.22	19.58
	4H	18.89	19.78	19.30	20.13	20.52	18.55	19.44	18.96	19.79	20.18
	6H	19.24	20.05	19.66	20.43	20.82	18.89	19.70	19.31	20.08	20.47
	8H	19.30	20.07	19.74	20.46	20.87	18.95	19.71	19.38	20.11	20.51
	12H	19.34	20.07	19.77	20.45	20.88	18.98	19.71	19.42	20.10	20.53
4H	2H	16.91	17.80	17.32	18.15	18.54	16.69	17.58	17.10	17.93	18.32
	3H	19.02	19.75	19.43	20.16	20.56	18.74	19.47	19.16	19.88	20.28
	4H	19.75	20.40	20.19	20.82	21.27	19.45	20.10	19.89	20.53	20.97
	6H	20.11	20.67	20.58	21.12	21.59	19.81	20.37	20.28	20.82	21.29
	8H	20.19	20.71	20.67	21.16	21.64	19.89	20.41	20.36	20.86	21.33
	12H	20.23	20.68	20.72	21.17	21.64	19.92	20.37	20.41	20.86	21.33
8H	4H	19.94	20.46	20.41	20.91	21.38	19.68	20.20	20.15	20.65	21.12
	6H	20.40	20.81	20.91	21.31	21.80	20.13	20.55	20.64	21.05	21.53
	8H	20.52	20.89	21.06	21.41	21.91	20.26	20.62	20.79	21.14	21.64
	12H	21.13	21.44	21.65	21.94	22.52	20.85	21.17	21.37	21.67	22.25
12H	4H	19.92	20.37	20.41	20.86	21.34	19.66	20.12	20.15	20.60	21.08
	6H	20.75	20.77	20.94	21.24	21.79	20.49	20.51	20.68	20.98	21.53
	8H	20.56	20.88	21.08	21.37	21.95	20.30	20.61	20.82	21.11	21.69
对应照射距离，改变观察者位置S											
S = 1.0H	0.2/-0.6					0.2/-0.6					
S = 1.5H	0.8/-0.6					0.8/-0.6					
S = 2.0H	0.9/-0.6					0.9/-0.7					
标准表格	BK3					BK3					
更正系数	0.5					0.2					

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灯具的概算曲线



ROLED 投光灯

灯具的利用系数表

RHOCC	80			70			50			30			10			0
RHOW	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	COEFFICIENTS OF UTILIZATION RHOFC=20 CU															
0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.11	1.09	1.07	1.09	1.07	1.05	1.05	1.03	1.02	1.01	1.00	0.99	0.98	0.97	0.96	0.94
2	1.05	1.01	0.98	1.03	1.00	0.97	1.00	0.97	0.95	0.97	0.95	0.93	0.94	0.92	0.91	0.89
3	0.99	0.95	0.91	0.98	0.94	0.90	0.95	0.92	0.89	0.93	0.90	0.88	0.91	0.88	0.86	0.85
4	0.94	0.90	0.86	0.93	0.89	0.85	0.91	0.87	0.85	0.89	0.86	0.84	0.87	0.85	0.83	0.81
5	0.90	0.85	0.82	0.89	0.85	0.82	0.88	0.84	0.81	0.86	0.83	0.80	0.85	0.82	0.79	0.78
6	0.87	0.82	0.79	0.86	0.82	0.78	0.85	0.81	0.78	0.83	0.80	0.77	0.82	0.79	0.77	0.76
7	0.84	0.79	0.76	0.83	0.79	0.76	0.82	0.78	0.75	0.81	0.77	0.75	0.80	0.77	0.74	0.73
8	0.81	0.77	0.73	0.81	0.76	0.73	0.80	0.76	0.73	0.79	0.75	0.73	0.78	0.75	0.72	0.71
9	0.79	0.74	0.71	0.78	0.74	0.71	0.78	0.74	0.71	0.77	0.73	0.71	0.76	0.73	0.70	0.69
10	0.77	0.72	0.69	0.76	0.72	0.69	0.76	0.72	0.69	0.75	0.71	0.69	0.74	0.71	0.69	0.68

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光强数据表(cd)

C/γ(°)	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0
0.0	4800.70	4784.59	4294.24	3506.14	2586.82	1786.45	1179.46	810.35	564.02
30.0	4834.47	4832.93	4344.12	3531.46	2639.01	1813.31	1208.62	804.21	566.32
60.0	4881.28	4842.14	4331.84	3487.72	2593.73	1666.74	1182.07	788.79	557.50
90.0	4832.93	4847.51	4363.30	3553.72	2659.73	1825.59	1212.45	819.56	563.25
120.0	4852.12	4674.85	4055.58	3173.10	2309.80	1515.26	1040.79	716.12	501.63
150.0	4832.93	4580.47	3939.71	3017.32	2166.30	1451.88	966.89	669.92	470.40
180.0	4800.70	4334.14	3532.23	2613.68	1830.96	1222.81	813.65	569.09	403.64
210.0	4834.47	4361.77	3536.84	2600.64	1834.80	1220.90	823.62	571.77	404.10
240.0	4881.28	4430.06	3623.55	2675.07	1886.98	1257.73	851.02	587.04	418.22
270.0	4832.93	4374.04	3546.81	2650.52	2008.99	1229.11	820.48	583.97	414.77
300.0	4852.12	4553.61	3844.55	2975.12	2103.38	1422.72	946.94	666.85	474.24
330.0	4832.93	4608.86	3942.78	3081.78	2173.21	1506.59	1001.66	704.91	497.03
360.0	4800.70	4784.59	4294.24	3506.14	2586.82	1786.45	1179.46	810.35	564.02
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	399.04	291.53	216.71	168.52	131.53	108.28	89.86	77.27	67.22
30.0	403.64	293.83	218.47	169.67	135.44	109.66	91.85	78.20	68.37
60.0	395.35	287.46	214.79	166.75	131.84	107.66	91.16	77.97	68.53
90.0	399.80	290.30	216.55	168.67	135.60	110.73	93.08	80.27	70.21
120.0	363.97	259.07	200.21	156.85	126.08	103.83	87.63	75.43	66.53
150.0	362.82	250.01	190.08	149.33	120.32	99.45	84.26	72.98	63.85
180.0	288.69	214.02	167.44	132.14	108.05	90.24	77.04	66.92	59.09
210.0	292.22	218.16	168.44	132.99	109.66	91.62	78.89	68.68	60.55
240.0	296.44	223.69	172.74	135.75	111.58	93.16	79.27	69.22	61.39
270.0	295.82	224.76	172.97	137.74	111.65	93.01	79.35	69.60	61.54
300.0	361.20	252.93	193.30	150.79	120.71	100.53	84.41	73.44	64.08
330.0	354.45	262.98	199.06	154.86	123.55	102.21	85.79	74.59	65.07
360.0	399.04	291.53	216.71	168.52	131.53	108.28	89.86	77.27	67.22
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	58.78	52.80	47.65	43.28	39.83	36.99	34.46	32.31	30.62
30.0	60.24	53.79	48.73	44.43	41.05	37.99	35.76	33.61	31.85
60.0	60.62	54.33	49.27	44.97	41.59	38.75	36.37	34.30	32.54
90.0	62.08	55.71	50.88	46.58	43.05	40.06	37.52	35.38	33.30
120.0	58.32	52.34	47.65	43.74	40.67	37.83	35.53	33.53	31.77
150.0	57.17	50.95	46.58	42.74	39.83	37.14	34.92	32.92	31.08
180.0	53.10	47.96	43.97	40.36	37.45	34.84	32.92	31.00	29.31
210.0	53.64	48.88	44.58	41.13	38.37	35.99	33.92	32.08	30.39
240.0	54.71	49.57	45.43	41.82	38.98	36.76	34.53	32.61	31.00
270.0	55.17	50.49	46.35	42.59	39.60	37.22	34.92	33.07	31.39
300.0	56.71	51.11	46.50	42.82	39.83	37.45	35.07	33.23	31.54
330.0	57.55	51.87	46.73	43.05	39.98	37.29	34.84	32.92	31.16
360.0	58.78	52.80	47.65	43.28	39.83	36.99	34.46	32.31	30.62
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	29.01	27.63	26.17	24.94	23.48	21.87	20.18	18.42	16.58
30.0	30.16	28.47	27.01	25.40	23.94	22.41	20.87	18.88	16.96
60.0	30.93	29.16	27.55	26.09	24.56	22.79	21.18	19.26	17.34
90.0	31.69	29.85	28.32	26.93	25.48	23.79	21.95	19.95	17.80
120.0	30.08	28.55	27.01	25.48	23.87	22.25	20.49	18.65	16.58
150.0	29.31	27.70	26.24	24.71	23.17	21.56	19.72	17.80	15.81
180.0	27.86	26.40	25.09	23.56	22.10	20.41	18.65	16.81	14.81
210.0	28.70	27.17	25.71	24.25	22.64	20.95	19.11	17.27	15.19
240.0	29.16	27.70	26.17	24.71	23.10	21.26	19.49	17.57	15.81
270.0	29.62	28.24	26.70	25.32	23.94	22.02	20.03	18.03	15.96
300.0	29.85	28.32	26.86	25.32	23.79	22.18	20.41	18.49	16.42
330.0	29.70	27.93	26.47	25.02	23.64	22.02	20.18	18.26	16.35
360.0	29.01	27.63	26.17	24.94	23.48	21.87	20.18	18.42	16.58

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光强数据表(cd)

附页 第 10页 共10页

C/γ(°)	72.0	74.0	76.0	78.0	80.0	82.0	84.0	86.0	88.0
0.0	14.66	12.58	10.44	8.06	5.99	4.14	2.76	0.84	0.15
30.0	14.89	12.66	10.44	8.29	6.52	4.14	2.38	1.00	0.23
60.0	15.27	13.05	10.74	8.36	6.37	4.37	2.92	0.84	0.15
90.0	15.50	13.05	10.82	8.75	6.52	4.37	2.46	0.92	0.15
120.0	14.58	12.35	10.05	7.60	5.60	3.91	2.00	0.31	0.23
150.0	13.66	11.36	9.44	7.37	5.37	3.22	1.69	0.31	0.00
180.0	12.89	10.67	8.29	6.14	4.37	2.84	0.92	0.23	0.08
210.0	12.97	10.74	8.52	6.68	4.45	2.69	1.30	0.23	0.15
240.0	13.35	11.43	8.90	6.83	4.83	3.30	1.15	0.23	0.00
270.0	13.58	11.36	8.98	6.91	4.68	2.84	1.46	0.23	0.08
300.0	14.20	12.20	9.75	7.37	5.29	3.61	1.92	0.23	0.15
330.0	14.04	11.66	9.52	7.44	5.68	3.61	1.92	0.46	0.23
360.0	14.66	12.58	10.44	8.06	5.99	4.14	2.76	0.84	0.15

C/γ(°)	90.0
0.0	0.08
30.0	0.08
60.0	0.08
90.0	0.00
120.0	0.00
150.0	0.00
180.0	0.08
210.0	0.00
240.0	0.00
270.0	0.08
300.0	0.00
330.0	0.00
360.0	0.08