

浙大三色

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## ROLED

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灯具名称: 壁灯

灯具描述: W1022A-9-UN(10-OL-9WN-AA, P1)3颗发光面

报告编号:

电压(V): 220.5000

测试编号: 20210319005

电流(A): 0.0930

光源规格型号: OL

功率(W): 10.4000

每个光源光通量(lm)

功率因数: 0.5030

光源数量: 9

镇流器型号:

发光面长度(mm): 62

发光面宽度(mm): 48

测试模式: C

发光面高度(mm): 0

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## 光度结果

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灯具光通量(lm): 310.28

灯具效能(lm/w): 29.83

中心光强(cd): 3408.684

最大光强(cd): 3419.428

最大光强角度: C=60.0  $\gamma$ =0.0

半峰边角(50%Imax): [C0/180]Total=10.1

[C90/270]Total=10.0

光束扩散角(10%Imax): [C0/180]Total=26.5

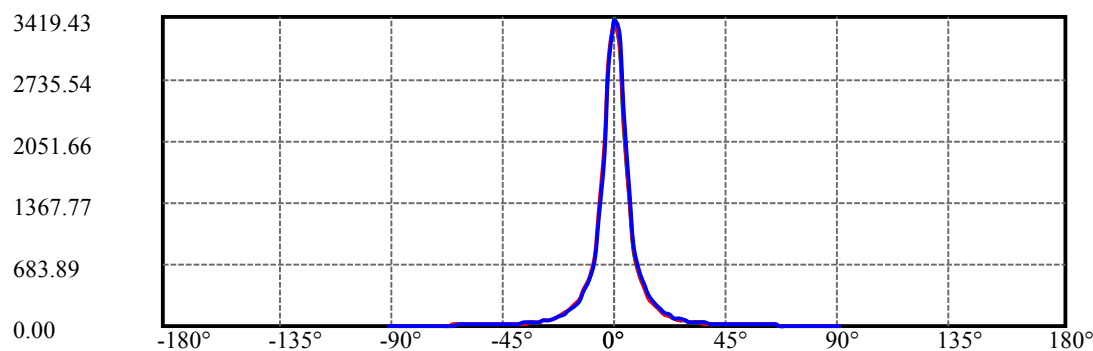
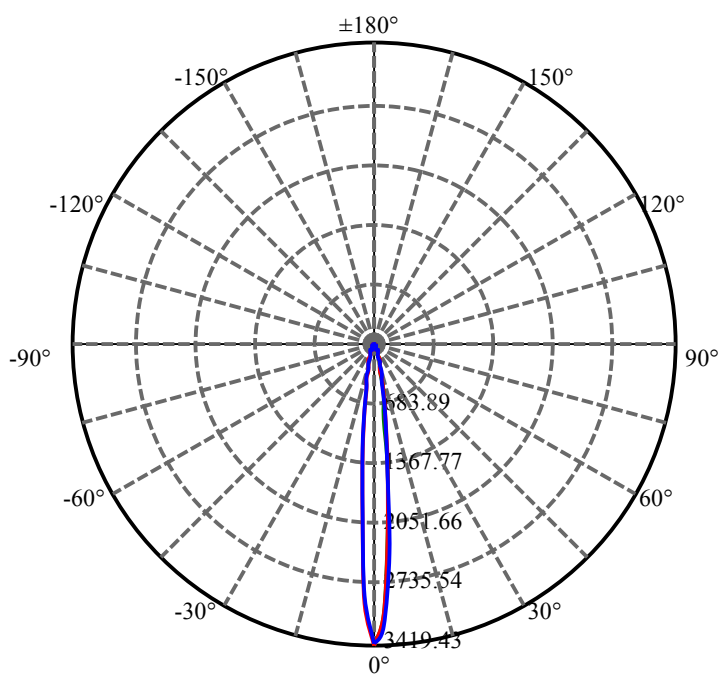
[C90/270]Total=26.6

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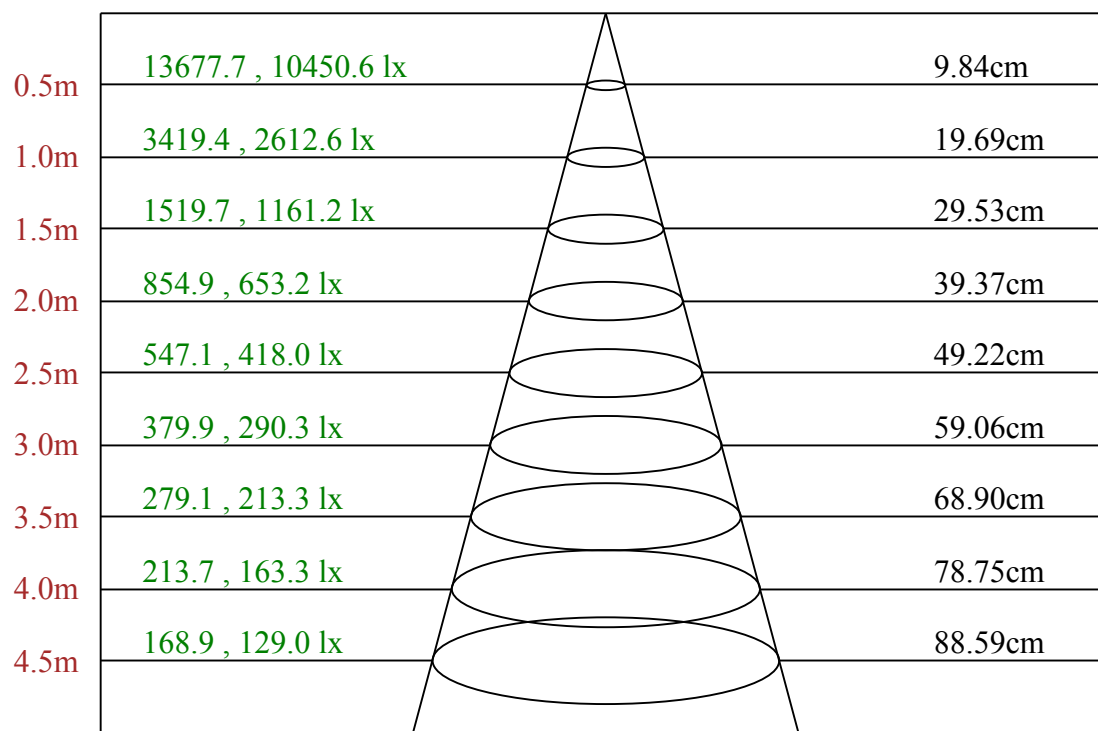
测试设备: GMS1800  
环境温度(°C): 25.0

测试日期: 2021/3/19  
环境湿度(%): 60.0%

测试人员: anpeilou  
测试距离(m): 8.76



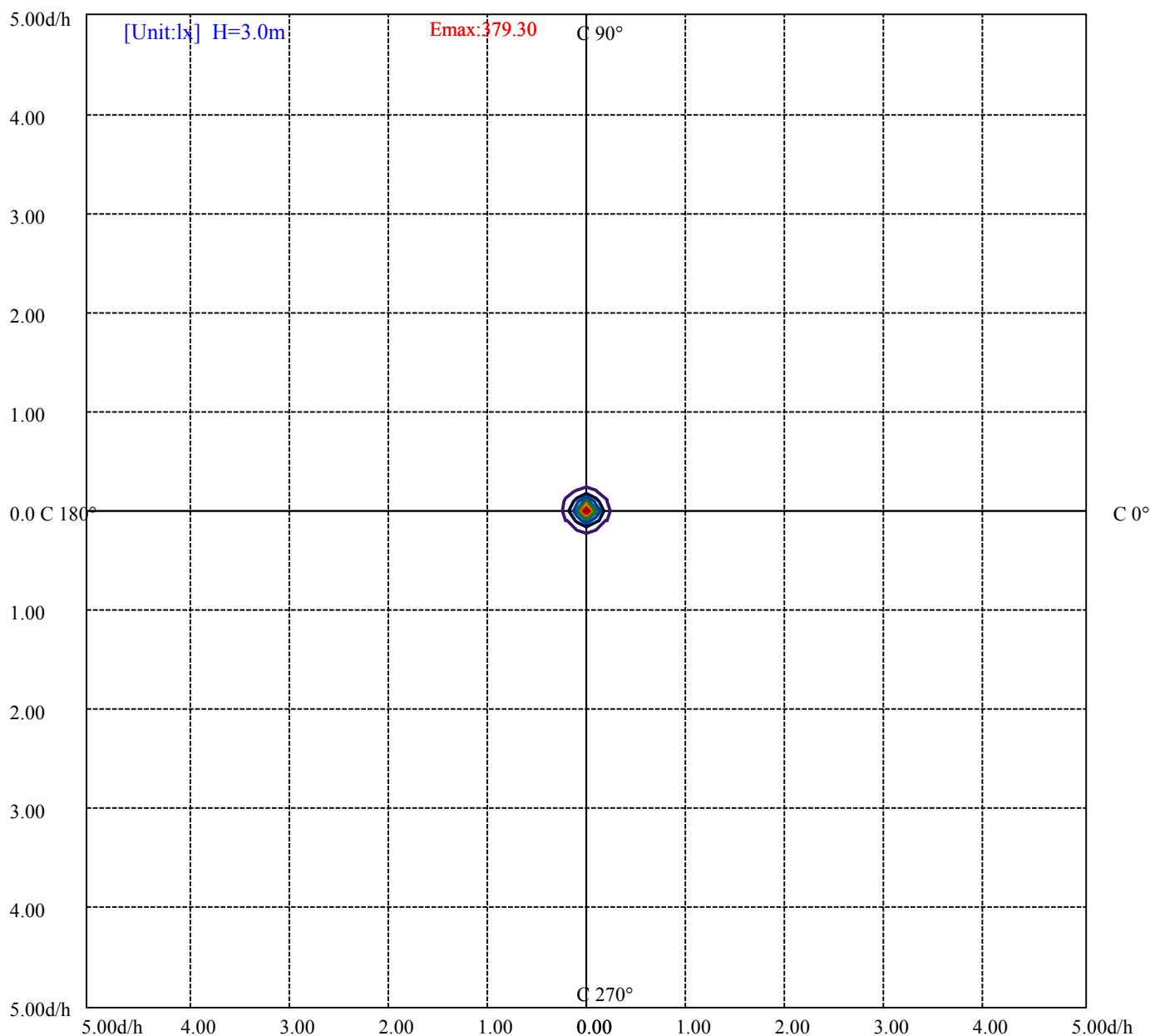
C60(Max): ——  
C0/C180: ——  
C90/C270: ——



Max , Ave    C60面光束角11.24

# ROLED 壁灯

## 平面等照度曲线



- (10%Emax) 37.92944
- (20%Emax) 75.85889
- (30%Emax) 113.7889
- (40%Emax) 151.7178
- (50%Emax) 189.6478
- (60%Emax) 227.5767
- (70%Emax) 265.5067
- (80%Emax) 303.4355
- (90%Emax) 341.3656

# ROLED 壁灯

## 灯具的亮度限制曲线(灯具无发光侧边)

附页 第 5页 共10页

亮度值表

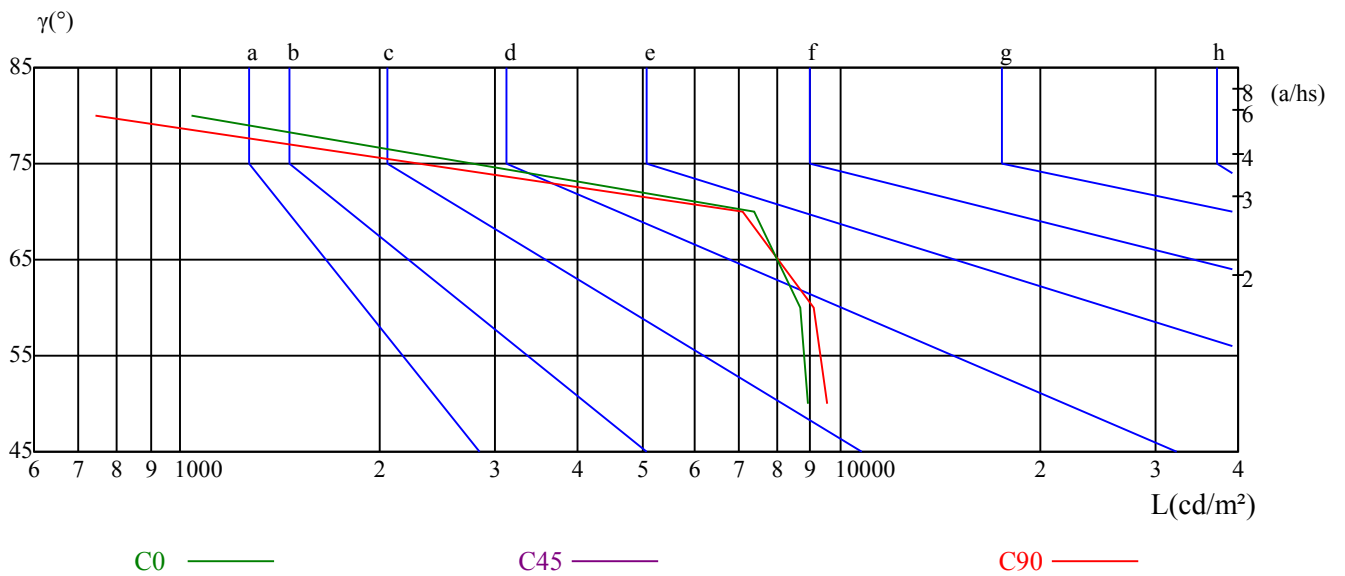
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	8946	0	8664	0	7388	0	1039	0
C45	0	0	0	0	0	0	0	0	0
C90	0	9547	0	9076	0	7087	0	742	0

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)							
		a	b	c	d	e	f	g	h
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

亮度限制曲线

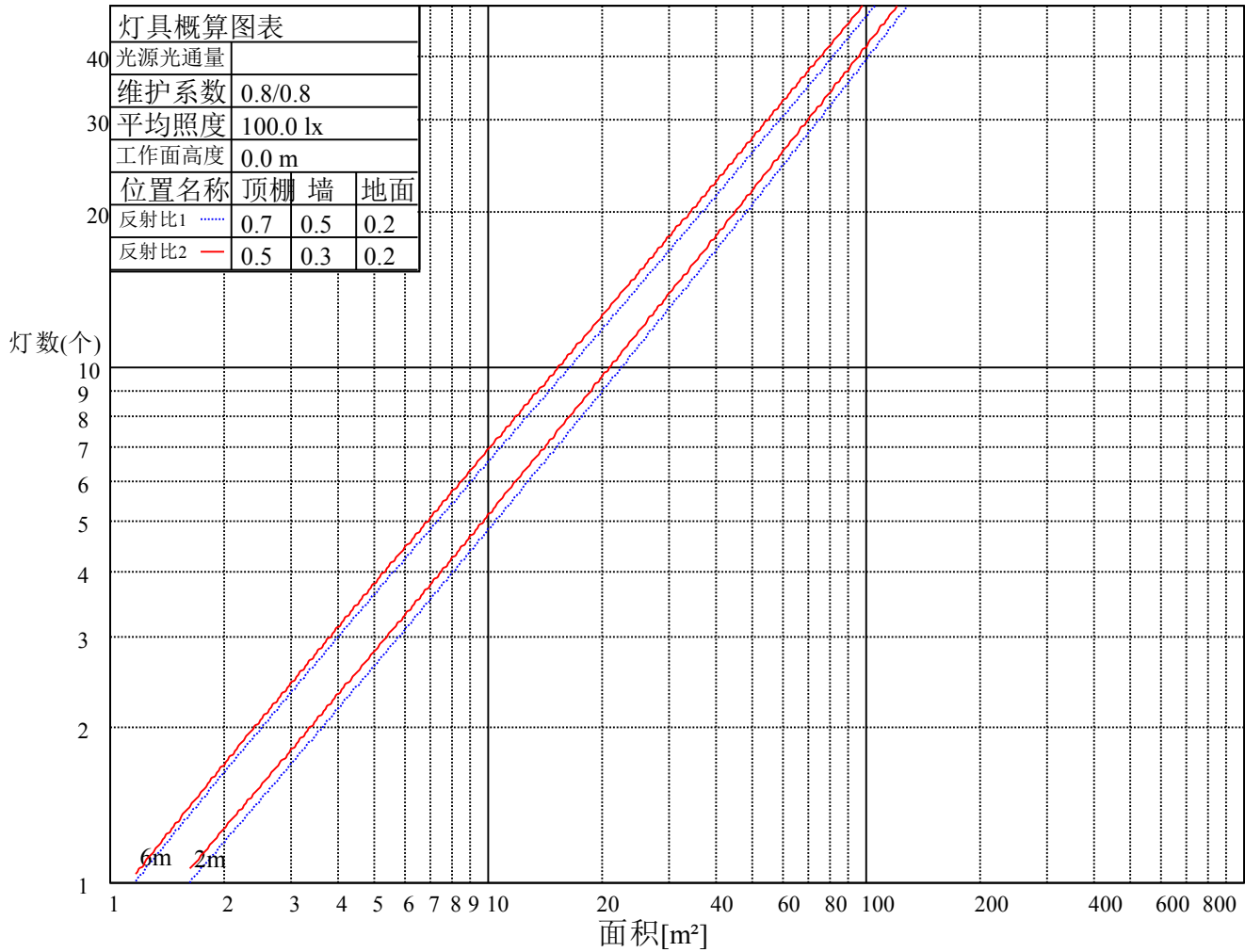


测试设备: GMS1800  
环境温度(°C): 25.0

测试日期: 2021/3/19  
环境湿度(%): 60.0%

测试人员: anpeilou  
测试距离(m): 8.76

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	20.08	21.15	20.44	21.46	21.78	19.96	21.04	20.33	21.35	21.66
	3H	21.47	22.41	21.85	22.75	23.12	21.61	22.55	21.99	22.89	23.25
	4H	21.66	22.54	22.07	22.89	23.28	21.93	22.81	22.33	23.16	23.55
	6H	21.63	22.44	22.05	22.81	23.21	21.93	22.74	22.35	23.11	23.51
	8H	21.58	22.34	22.02	22.73	23.14	21.88	22.64	22.32	23.03	23.44
	12H	21.54	22.26	21.97	22.65	23.08	21.83	22.56	22.27	22.94	23.37
4H	2H	20.60	21.49	21.01	21.84	22.23	20.51	21.39	20.92	21.75	22.14
	3H	22.11	22.83	22.53	23.24	23.65	22.28	23.00	22.69	23.41	23.81
	4H	22.34	22.99	22.78	23.41	23.86	22.64	23.28	23.07	23.70	24.15
	6H	22.33	22.88	22.80	23.33	23.80	22.66	23.21	23.13	23.66	24.13
	8H	22.27	22.79	22.75	23.24	23.71	22.60	23.11	23.07	23.56	24.04
	12H	22.23	22.67	22.72	23.16	23.64	22.55	22.99	23.04	23.48	23.96
8H	4H	22.39	22.90	22.86	23.35	23.83	22.66	23.17	23.13	23.62	24.09
	6H	22.38	22.79	22.89	23.29	23.78	22.69	23.09	23.19	23.60	24.08
	8H	22.34	22.70	22.87	23.22	23.71	22.64	23.00	23.17	23.52	24.02
	12H	23.13	23.44	23.65	23.94	24.52	23.40	23.71	23.92	24.20	24.78
12H	4H	22.34	22.78	22.83	23.27	23.75	22.61	23.05	23.10	23.54	24.01
	6H	22.67	22.69	22.87	23.16	23.71	22.97	23.00	23.17	23.47	24.01
	8H	22.31	22.62	22.83	23.12	23.70	22.61	22.92	23.13	23.42	23.99
对应照射距离，改变观察者位置S											
S = 1.0H	0.4/-0.5					0.4/-0.4					
S = 1.5H	1.1/-0.8					1.1/-0.8					
S = 2.0H	2.0/-1.3					1.6/-1.0					
标准表格	BK3					BK3					
更正系数	0.9					0.9					



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	1.04	1.02	1.02	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	0.90	0.88	0.86	0.85
4	0.94	0.89	0.86	0.93	0.89	0.85	0.91	0.87	0.84	0.89	0.86	0.83	0.87	0.85	0.82	0.81
5	0.90	0.85	0.81	0.89	0.84	0.81	0.87	0.83	0.80	0.86	0.82	0.80	0.84	0.81	0.79	0.78
6	0.86	0.81	0.78	0.86	0.81	0.78	0.84	0.80	0.77	0.83	0.79	0.77	0.82	0.79	0.76	0.75
7	0.83	0.78	0.75	0.83	0.78	0.75	0.81	0.77	0.74	0.80	0.77	0.74	0.79	0.76	0.74	0.72
8	0.80	0.76	0.72	0.80	0.75	0.72	0.79	0.75	0.72	0.78	0.74	0.72	0.77	0.74	0.71	0.70
9	0.78	0.73	0.70	0.78	0.73	0.70	0.77	0.73	0.70	0.76	0.72	0.70	0.75	0.72	0.69	0.68
10	0.76	0.71	0.68	0.75	0.71	0.68	0.75	0.71	0.68	0.74	0.70	0.68	0.73	0.70	0.68	0.67



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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	3408.68	3073.34	2246.88	1383.58	878.65	579.37	408.24	303.80	231.98
30.0	3407.92	3150.85	2295.99	1474.13	900.90	588.58	418.99	314.39	237.04
60.0	3419.43	3068.74	2190.86	1407.44	855.70	570.31	418.76	311.86	236.97
90.0	3401.78	3202.26	2368.89	1491.78	907.04	610.06	438.17	333.04	252.70
120.0	3417.89	3052.62	2210.81	1387.80	852.32	580.44	433.49	327.06	253.46
150.0	3405.61	3145.47	2281.41	1421.18	873.27	600.09	438.94	333.89	259.53
180.0	3408.68	2937.52	2018.20	1269.32	780.57	536.09	402.03	303.42	235.28
210.0	3407.92	2906.05	1955.27	1212.45	756.02	516.98	381.77	293.29	223.00
240.0	3419.43	2962.07	2081.12	1242.38	791.16	537.16	389.06	299.66	227.60
270.0	3401.78	2844.66	1893.88	1184.21	744.28	517.21	371.79	284.01	215.63
300.0	3417.89	2974.35	2111.82	1286.12	808.05	546.37	398.27	300.73	231.82
330.0	3405.61	2906.82	2025.87	1253.89	788.71	533.02	392.67	293.37	220.93
360.0	3408.68	3073.34	2246.88	1383.58	878.65	579.37	408.24	303.80	231.98
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	176.65	137.59	108.89	86.18	69.98	57.63	48.57	41.44	35.84
30.0	181.94	142.50	111.27	89.40	71.21	58.93	49.34	42.21	36.60
60.0	182.25	142.73	111.58	88.63	71.98	59.01	49.73	41.90	36.68
90.0	194.91	152.86	119.40	94.69	76.35	63.00	52.41	44.66	38.37
120.0	195.91	151.56	118.18	94.31	75.36	61.16	51.03	42.82	37.06
150.0	200.36	156.85	120.25	95.69	76.20	62.16	51.26	42.97	37.22
180.0	179.41	140.66	109.96	88.17	70.91	58.01	48.81	41.44	35.61
210.0	174.12	135.29	105.59	84.18	68.83	56.40	47.35	40.90	35.30
240.0	174.04	135.60	107.28	84.87	69.52	57.09	47.81	41.05	35.68
270.0	168.52	131.30	102.91	83.34	68.14	56.33	47.81	41.52	36.07
300.0	177.11	138.28	108.28	86.71	70.29	57.71	48.65	41.82	36.14
330.0	172.28	133.75	104.21	84.03	67.91	55.71	46.81	40.44	35.07
360.0	176.65	137.59	108.89	86.18	69.98	57.63	48.57	41.44	35.84
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	31.54	28.16	25.25	23.10	21.10	19.41	18.11	17.11	16.04
30.0	32.08	28.78	26.09	23.87	21.95	20.26	18.88	17.73	16.73
60.0	32.23	29.01	26.17	24.10	22.10	20.49	19.03	17.96	16.96
90.0	33.53	29.93	27.09	24.79	22.64	20.95	19.57	18.26	17.11
120.0	32.31	28.93	26.09	23.71	21.87	20.26	19.03	17.80	16.73
150.0	32.61	28.93	26.01	23.79	21.87	20.03	18.88	17.65	16.65
180.0	31.00	27.78	24.86	22.64	20.72	19.11	17.88	16.81	15.88
210.0	31.16	27.70	25.17	22.94	21.03	19.57	18.19	17.19	16.11
240.0	31.69	28.39	25.86	23.56	21.56	19.95	18.65	17.50	16.35
270.0	32.08	28.93	26.32	24.17	22.25	20.57	19.18	18.03	16.88
300.0	31.77	28.62	25.86	23.56	21.79	20.11	18.80	17.65	16.65
330.0	31.16	28.01	25.40	23.40	21.64	20.03	18.65	17.57	16.42
360.0	31.54	28.16	25.25	23.10	21.10	19.41	18.11	17.11	16.04
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	15.27	14.50	13.74	12.89	12.12	11.20	10.13	8.98	7.52
30.0	15.81	14.96	14.12	13.28	12.43	11.59	10.67	9.44	7.90
60.0	15.88	15.04	14.12	13.12	12.20	11.13	9.90	8.52	7.29
90.0	16.19	15.35	14.35	13.51	12.66	11.43	9.90	8.59	7.21
120.0	15.88	14.89	14.04	13.05	12.05	10.97	9.67	8.36	7.06
150.0	15.65	14.81	13.89	13.12	12.20	11.36	10.51	9.29	7.67
180.0	15.04	14.27	13.51	12.74	11.97	10.90	9.90	8.67	7.37
210.0	15.19	14.27	13.43	12.51	11.66	10.67	9.52	8.21	7.06
240.0	15.35	14.58	13.51	12.66	11.89	10.74	9.59	8.29	6.83
270.0	15.88	14.96	13.89	12.82	12.05	10.59	9.21	7.44	5.83
300.0	15.73	14.81	13.81	12.74	11.97	10.74	9.59	8.29	6.75
330.0	15.65	14.73	13.81	12.89	12.05	10.90	9.67	8.59	7.29
360.0	15.27	14.50	13.74	12.89	12.12	11.20	10.13	8.98	7.52

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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	6.06	4.60	3.07	1.69	0.54	0.23	0.15	0.08	0.08
30.0	5.91	4.30	2.92	2.15	1.00	0.54	0.54	0.38	0.38
60.0	5.76	4.07	2.61	1.30	0.61	0.46	0.38	0.31	0.23
90.0	5.45	4.07	2.15	0.77	0.38	0.15	0.23	0.15	0.08
120.0	5.68	3.99	2.46	1.23	0.54	0.38	0.31	0.23	0.15
150.0	5.76	4.30	2.76	2.00	0.92	0.46	0.31	0.31	0.31
180.0	5.99	4.30	2.84	1.61	0.46	0.15	0.15	0.08	0.08
210.0	5.91	4.60	3.07	1.46	0.61	0.46	0.46	0.46	0.46
240.0	5.22	3.84	2.69	1.61	0.92	0.77	0.77	0.61	0.61
270.0	4.22	2.84	2.00	1.00	0.46	0.31	0.31	0.23	0.15
300.0	5.22	3.84	2.76	1.76	1.00	0.92	0.92	0.92	1.07
330.0	5.99	4.68	3.22	1.46	0.77	0.77	0.69	0.69	0.69
360.0	6.06	4.60	3.07	1.69	0.54	0.23	0.15	0.08	0.08
C/γ(°)	90.0								
0.0	0.00								
30.0	0.31								
60.0	0.08								
90.0	0.00								
120.0	0.08								
150.0	0.31								
180.0	0.00								
210.0	0.46								
240.0	0.46								
270.0	0.08								
300.0	0.92								
330.0	0.77								
360.0	0.00								