

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 (60-OL-9WN-AJ, CT) 3颗发光面

报告编号:

电压(V): 220.4000

测试编号: 20210319010

电流(A): 0.0930

光源规格型号: OL

功率(W): 10.2000

每个光源光通量(lm)

功率因数: 0.4970

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): 292.86

灯具效能(lm/w): 28.71

中心光强(cd): 286.308

最大光强(cd): 286.538

最大光强角度:  $C=0.0 \gamma=2.0$

半峰边角(50%Imax): [C0/180]Total=54.2

[C90/270]Total=55.0

光束扩散角(10%Imax): [C0/180]Total=99.8

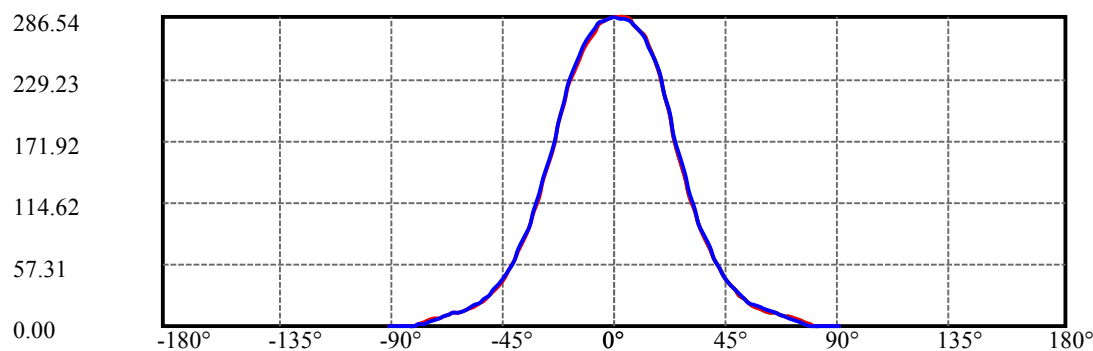
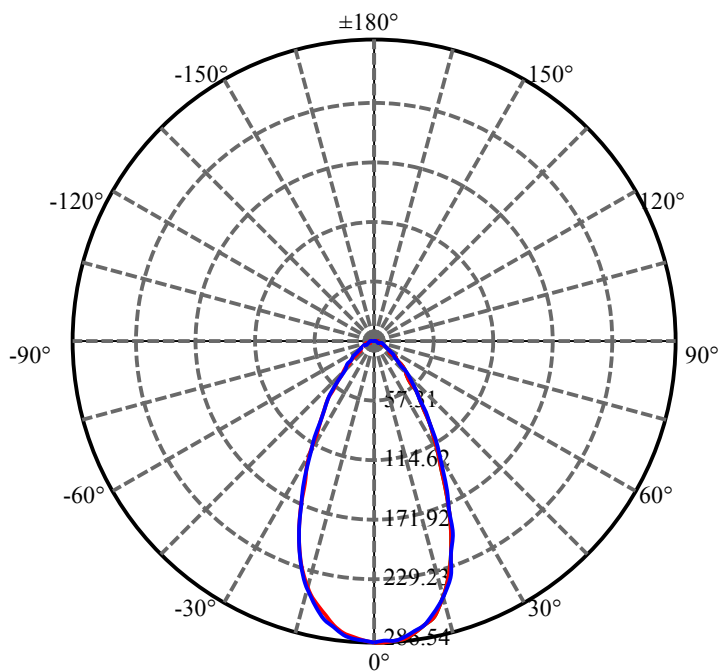
[C90/270]Total=100.6

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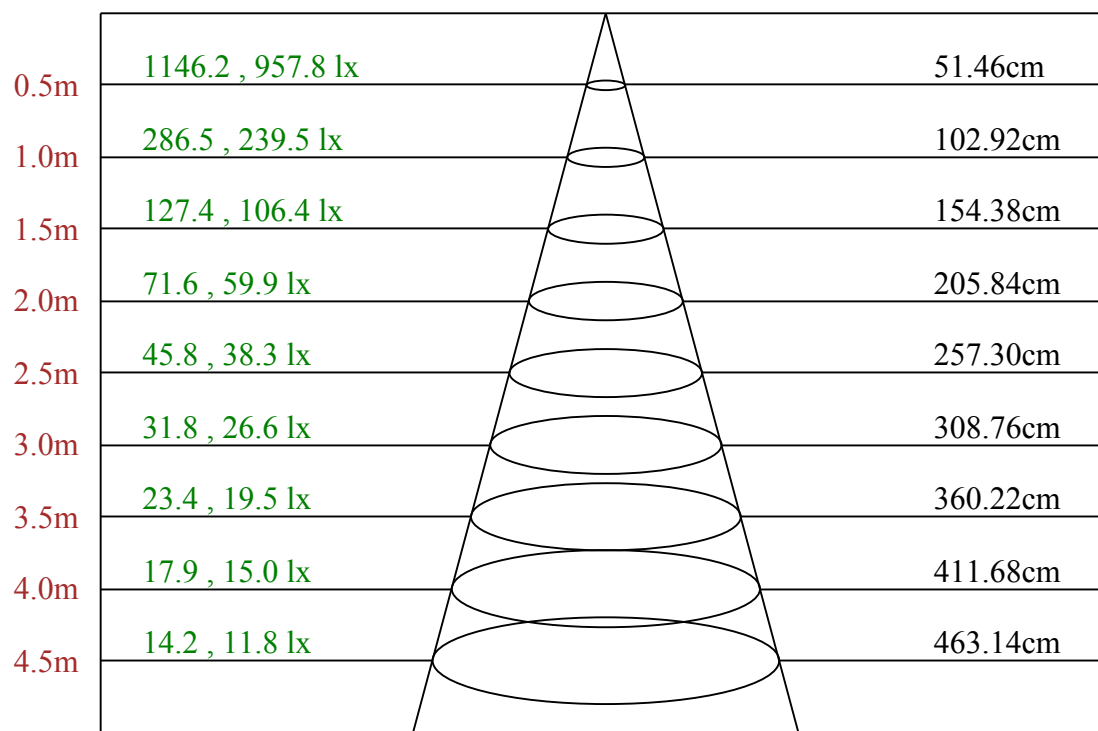
测试设备: GMS1800  
环境温度(°C): 25.0

测试日期: 2021/3/19  
环境湿度(%): 60.0%

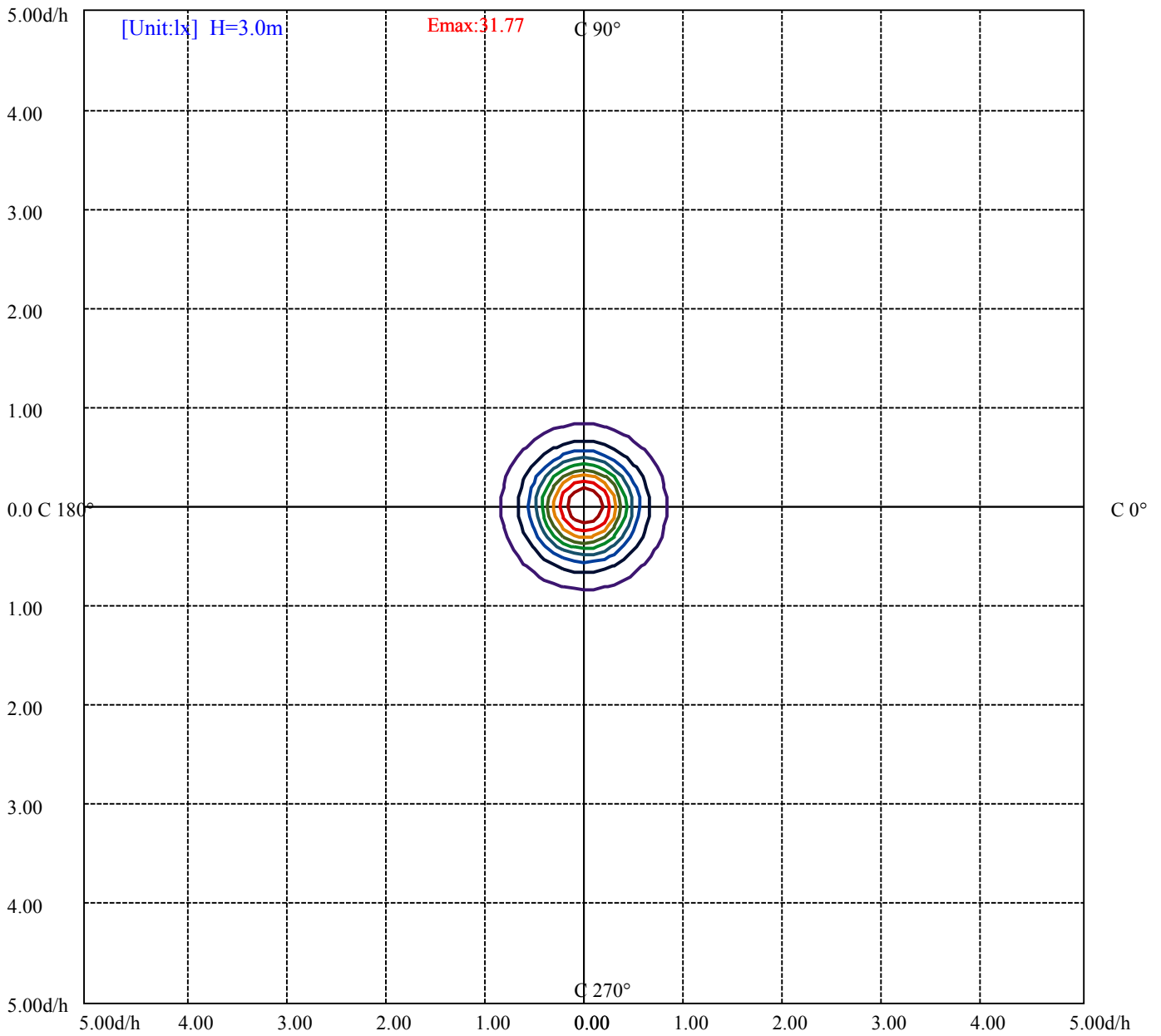
测试人员: anpeilou  
测试距离(m): 8.76



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



Max , Ave    C0面光束角54.46



- (10%Emax) 3.177367
- (20%Emax) 6.354722
- (30%Emax) 9.532089
- (40%Emax) 12.70944
- (50%Emax) 15.88678
- (60%Emax) 19.06422
- (70%Emax) 22.24155
- (80%Emax) 25.41889
- (90%Emax) 28.59622

# ROLED 壁灯

## 灯具的亮度限制曲线(灯具无发光侧边)

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亮度值表

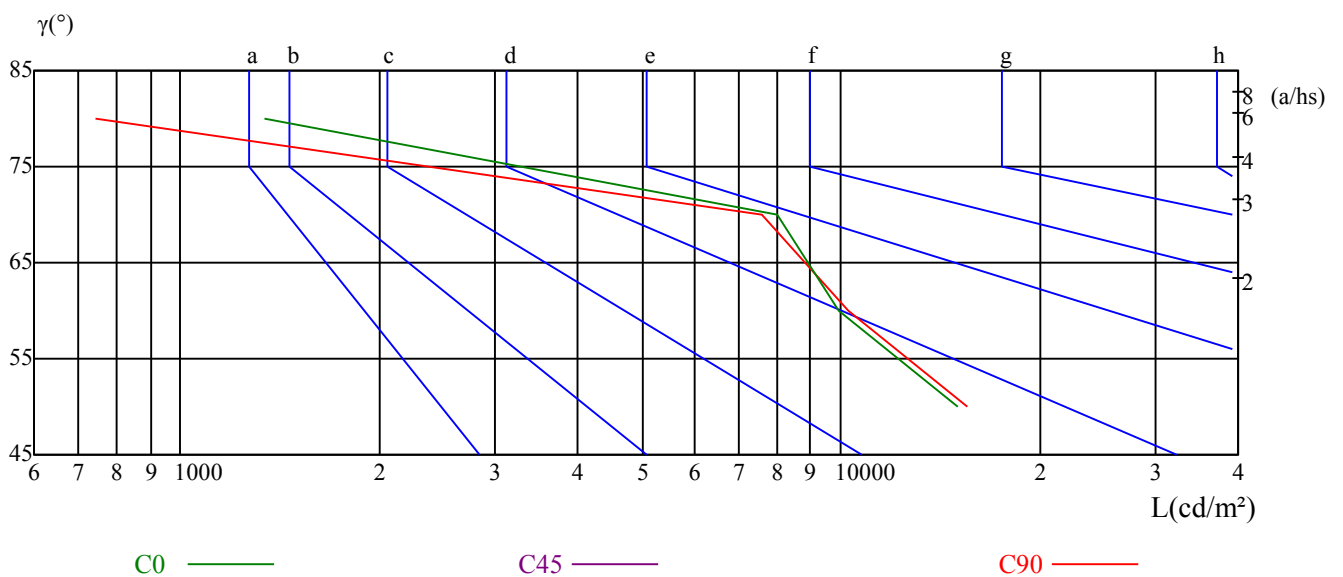
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	15083	0	9902	0	7992	0	1336	0
C45	0	0	0	0	0	0	0	0	0
C90	0	15525	0	10263	0	7615	0	742	0

L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
48872	33954	0	32678	23512	0	26923	30621	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



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	21.86	23.06	22.22	23.37	23.69	21.75	22.95	22.11	23.26	23.58
	3H	22.98	24.04	23.36	24.38	24.74	23.04	24.10	23.42	24.44	24.80
	4H	23.15	24.14	23.55	24.49	24.87	23.31	24.30	23.72	24.65	25.04
	6H	23.12	24.03	23.53	24.40	24.79	23.32	24.23	23.73	24.60	24.99
	8H	23.07	23.93	23.51	24.32	24.73	23.28	24.13	23.71	24.53	24.93
	12H	23.03	23.85	23.47	24.24	24.67	23.23	24.05	23.67	24.44	24.87
4H	2H	22.27	23.26	22.68	23.62	24.00	22.18	23.18	22.59	23.53	23.91
	3H	23.55	24.36	23.97	24.77	25.17	23.64	24.45	24.06	24.86	25.26
	4H	23.76	24.48	24.19	24.90	25.35	23.97	24.69	24.40	25.11	25.55
	6H	23.75	24.37	24.21	24.82	25.29	23.99	24.61	24.46	25.06	25.53
	8H	23.70	24.28	24.17	24.72	25.20	23.94	24.52	24.41	24.97	25.44
	12H	23.66	24.16	24.15	24.65	25.12	23.90	24.41	24.39	24.89	25.37
8H	4H	23.80	24.38	24.27	24.83	25.30	23.99	24.57	24.46	25.02	25.49
	6H	23.80	24.26	24.30	24.76	25.24	24.02	24.49	24.53	24.99	25.47
	8H	23.75	24.17	24.28	24.69	25.18	23.98	24.40	24.51	24.91	25.41
	12H	24.49	24.85	25.01	25.35	25.93	24.68	25.04	25.20	25.54	26.11
12H	4H	23.76	24.26	24.24	24.75	25.22	23.95	24.45	24.43	24.94	25.41
	6H	24.22	24.17	24.28	24.64	25.18	24.44	24.39	24.51	24.86	25.41
	8H	23.73	24.09	24.25	24.59	25.16	23.95	24.32	24.47	24.81	25.39
对应照射距离，改变观察者位置S											
S = 1.0H		0.9/-1.3					0.9/-1.2				
S = 1.5H		2.1/-2.0					2.0/-2.0				
S = 2.0H		4.3/-2.5					4.1/-2.3				
标准表格		BK2					BK2				
更正系数		2.9					2.9				

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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	286.31	286.54	286.00	284.08	280.02	274.41	268.04	259.91	247.56
30.0	285.92	286.31	286.23	284.39	280.63	274.95	267.74	258.99	246.48
60.0	286.00	286.08	285.39	283.32	279.32	272.80	266.05	256.23	244.18
90.0	286.08	285.54	284.85	282.62	279.17	273.72	267.05	258.61	247.86
120.0	286.23	285.00	283.47	281.24	277.18	271.11	264.13	254.31	241.42
150.0	286.46	285.16	283.24	280.25	275.26	268.35	260.98	251.62	238.96
180.0	286.31	284.93	282.62	278.63	272.27	264.74	256.92	247.56	235.35
210.0	285.92	284.16	282.09	278.10	270.96	262.67	253.08	244.03	231.59
240.0	286.00	284.62	283.32	279.25	273.42	266.28	257.99	248.94	236.43
270.0	286.08	285.23	283.70	280.48	275.49	268.35	259.91	250.70	238.35
300.0	286.23	286.15	284.77	281.86	277.33	271.04	264.05	254.69	241.26
330.0	286.46	286.31	285.62	283.01	278.86	272.80	264.90	255.00	242.80
360.0	286.31	286.54	286.00	284.08	280.02	274.41	268.04	259.91	247.56
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	231.44	215.02	195.07	174.81	154.78	137.51	120.94	106.67	94.00
30.0	230.75	213.18	192.07	172.97	154.24	137.90	121.25	105.82	92.78
60.0	228.52	211.80	192.15	172.43	153.32	135.98	120.71	105.90	92.62
90.0	233.59	216.02	197.60	176.57	158.39	140.74	123.85	108.89	95.00
120.0	226.91	210.18	192.07	172.89	154.63	137.28	121.94	107.13	94.23
150.0	225.38	209.42	191.54	173.12	156.08	139.13	123.62	108.58	94.69
180.0	222.31	206.42	188.54	169.67	150.87	134.60	119.33	104.82	91.78
210.0	218.40	203.05	184.86	168.29	150.79	133.83	118.33	104.75	91.16
240.0	222.39	206.58	189.54	170.97	153.71	136.90	121.09	107.36	93.70
270.0	224.23	207.42	189.47	171.28	153.94	136.75	122.01	106.82	92.85
300.0	226.15	210.87	192.23	173.04	156.31	139.74	123.62	110.04	96.31
330.0	227.07	209.26	190.46	171.28	153.24	135.29	120.17	105.51	92.39
360.0	231.44	215.02	195.07	174.81	154.78	137.51	120.94	106.67	94.00
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	81.57	71.52	61.62	52.87	45.66	39.37	33.46	28.85	24.86
30.0	80.73	70.06	60.70	52.80	45.51	39.44	33.92	29.16	25.02
60.0	80.80	70.45	60.85	52.80	45.12	38.98	33.53	29.08	25.09
90.0	83.11	72.21	62.54	53.95	46.58	39.90	34.53	29.70	25.48
120.0	82.26	71.37	61.70	53.64	46.12	39.52	34.07	29.24	25.09
150.0	82.95	72.06	62.31	53.79	46.58	40.06	34.53	29.62	25.32
180.0	80.65	69.83	60.16	52.03	44.51	38.06	32.61	28.01	23.94
210.0	79.81	69.52	60.01	52.03	44.81	38.60	33.15	28.55	24.40
240.0	82.03	71.44	62.00	53.56	46.43	39.75	33.99	29.54	25.25
270.0	81.27	70.60	61.24	52.41	45.58	38.83	33.69	28.85	24.79
300.0	83.95	73.13	63.31	54.10	46.96	40.21	34.30	29.47	25.32
330.0	80.57	69.91	60.32	52.49	45.28	38.68	33.46	28.62	24.71
360.0	81.57	71.52	61.62	52.87	45.66	39.37	33.46	28.85	24.86
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	21.41	18.65	16.35	14.73	13.28	11.89	10.67	9.52	8.13
30.0	21.79	19.18	17.04	15.35	13.81	12.51	11.28	10.05	8.44
60.0	21.87	19.18	16.96	15.35	13.74	12.43	10.97	9.44	7.83
90.0	22.18	19.26	17.19	15.27	13.66	12.05	10.59	9.29	7.75
120.0	21.72	19.11	16.96	15.27	13.81	12.35	10.90	9.52	7.83
150.0	21.95	19.11	17.19	15.35	13.89	12.58	11.20	9.98	8.44
180.0	20.87	18.11	16.04	14.35	12.97	11.66	10.59	9.21	7.90
210.0	21.26	18.57	16.50	14.96	13.43	12.12	10.74	9.44	7.83
240.0	21.87	19.03	16.96	15.12	13.66	12.28	10.82	9.36	7.60
270.0	21.49	18.72	16.42	14.73	13.28	11.74	10.05	8.52	6.68
300.0	21.95	19.26	17.11	15.27	13.89	12.35	10.97	9.44	7.67
330.0	21.64	19.03	16.96	15.19	13.81	12.35	11.05	9.67	8.13
360.0	21.41	18.65	16.35	14.73	13.28	11.89	10.67	9.52	8.13

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光强数据表(cd)

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C/γ(°)	72.0	74.0	76.0	78.0	80.0	82.0	84.0	86.0	88.0
0.0	6.52	4.91	3.45	1.92	0.69	0.23	0.15	0.15	0.08
30.0	6.68	4.91	3.22	2.38	1.23	0.69	0.61	0.54	0.46
60.0	6.22	4.37	2.76	1.46	0.69	0.54	0.38	0.31	0.23
90.0	5.76	4.37	2.61	0.77	0.38	0.31	0.23	0.15	0.08
120.0	6.14	4.37	2.76	1.38	0.61	0.38	0.38	0.31	0.23
150.0	6.60	4.83	3.07	2.15	1.07	0.46	0.38	0.38	0.31
180.0	6.37	4.68	3.15	1.69	0.54	0.31	0.15	0.15	0.00
210.0	6.52	4.91	3.45	1.69	0.61	0.54	0.54	0.54	0.46
240.0	5.99	4.45	3.07	2.07	1.07	0.84	0.92	0.77	0.77
270.0	4.83	3.07	2.38	1.15	0.54	0.38	0.38	0.23	0.15
300.0	6.06	4.37	3.07	2.00	1.23	1.07	1.07	1.15	1.15
330.0	6.75	5.22	3.68	1.84	1.00	0.92	0.84	1.00	1.00
360.0	6.52	4.91	3.45	1.92	0.69	0.23	0.15	0.15	0.08

C/γ(°)	90.0
0.0	0.00
30.0	0.38
60.0	0.23
90.0	0.00
120.0	0.00
150.0	0.23
180.0	0.00
210.0	0.46
240.0	0.54
270.0	0.08
300.0	1.23
330.0	1.00
360.0	0.00