

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 (45-OL-9WN-AJ, CT) 6颗发光面

报告编号:

电压(V): 220.4000

测试编号: 20210319013

电流(A): 0.0930

光源规格型号: OL

功率(W): 10.3000

每个光源光通量(lm)

功率因数: 0.5020

光源数量: 9

镇流器型号:

发光面长度(mm): 90

发光面宽度(mm): 57

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): 595.30

灯具效能(lm/w): 57.80

中心光强(cd): 773.055

最大光强(cd): 776.661

最大光强角度:  $C=60.0$   $\gamma=2.0$

半峰边角(50%Imax): [C0/180]Total=43.9

[C90/270]Total=44.1

光束扩散角(10%Imax): [C0/180]Total=88.8

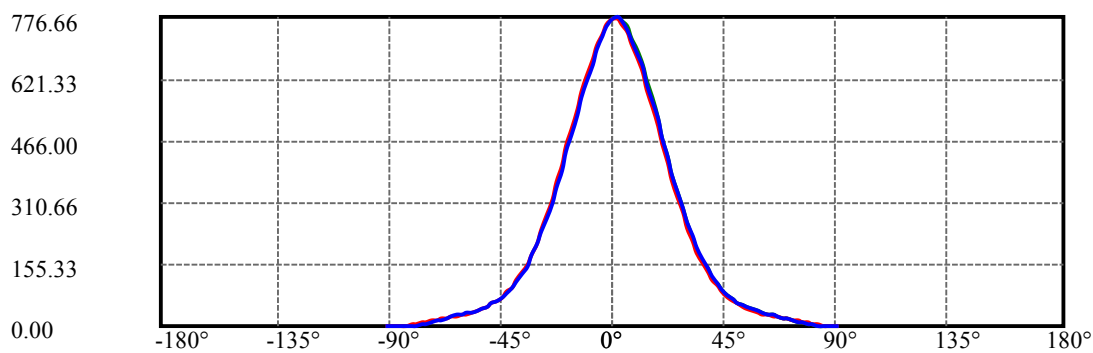
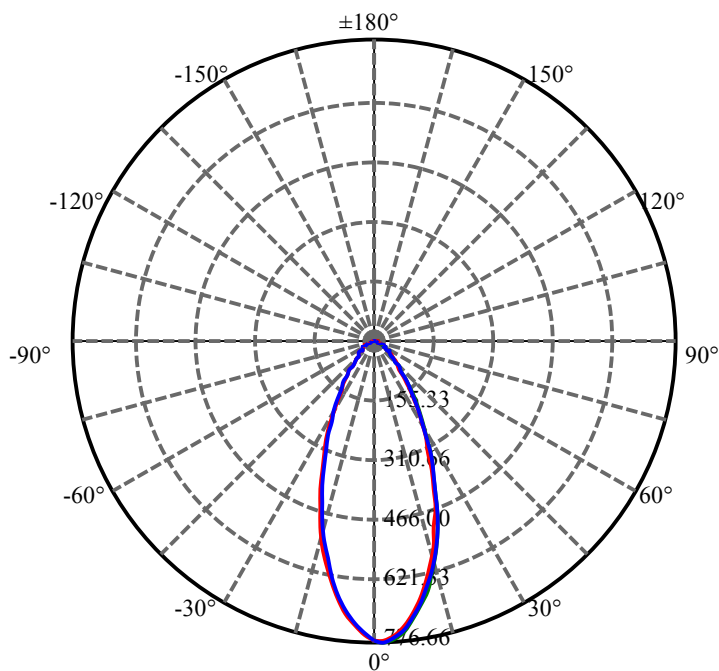
[C90/270]Total=89.5

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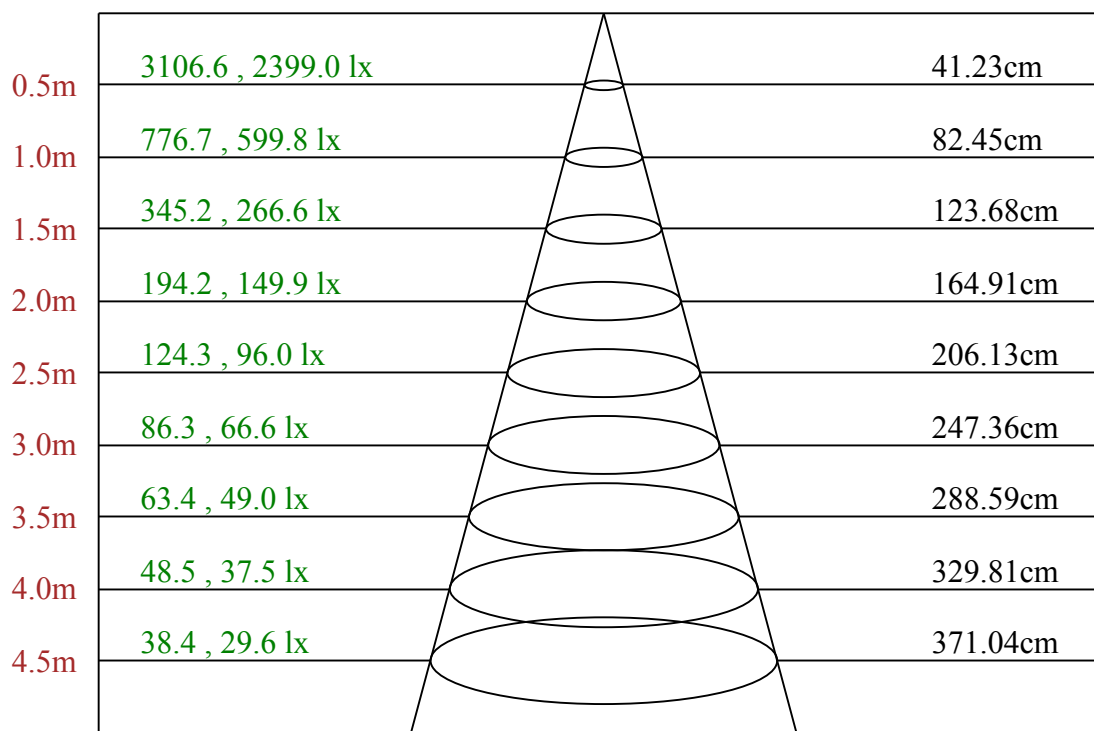
测试设备: GMS1800  
环境温度(°C): 25.0

测试日期: 2021/3/19  
环境湿度(%): 60.0%

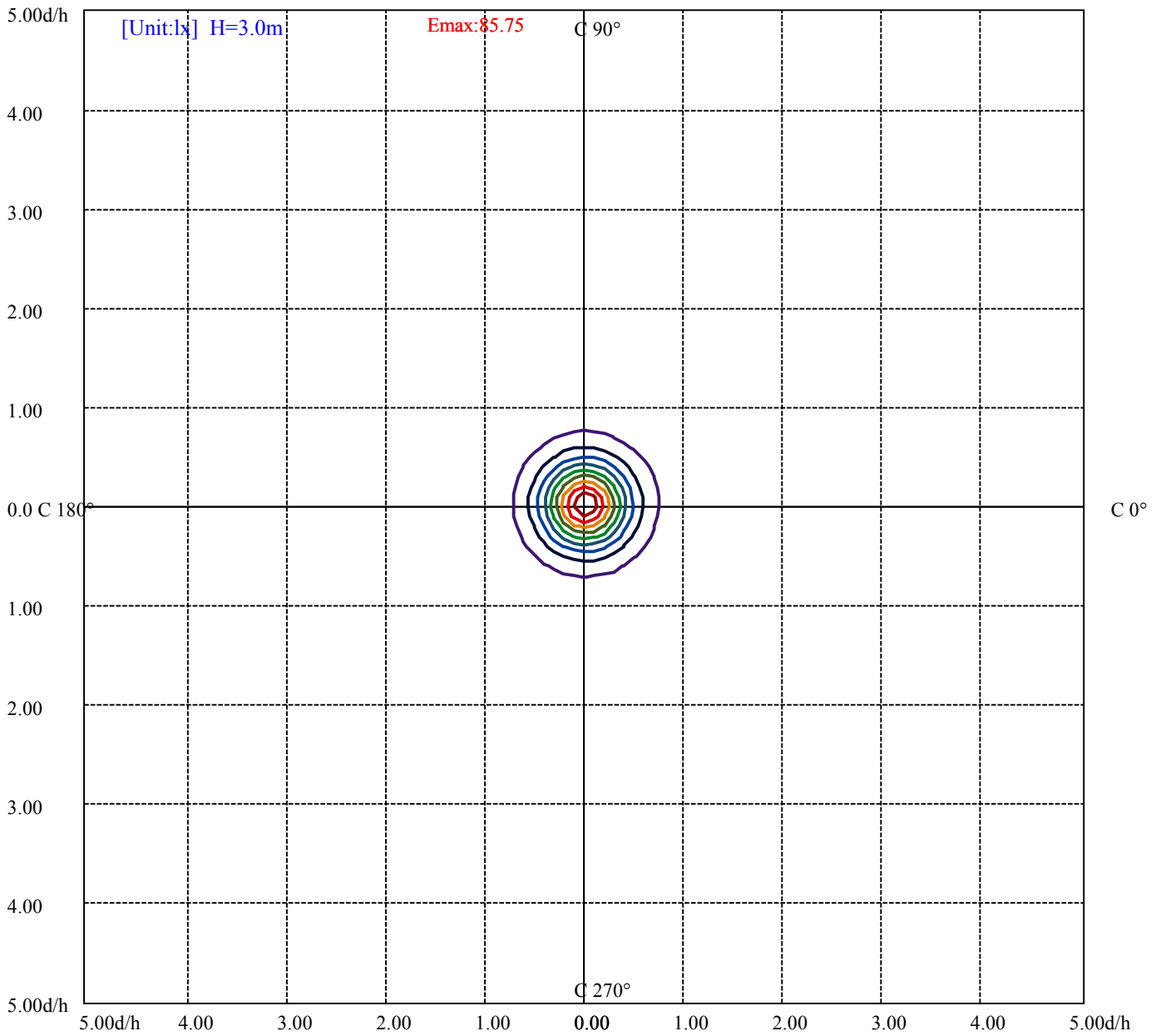
测试人员: anpeilou  
测试距离(m): 8.76



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



Max , Ave    C60面光束角44.76



- (10%Emax) 8.574578
- (20%Emax) 17.14911
- (30%Emax) 25.72378
- (40%Emax) 34.29833
- (50%Emax) 42.87289
- (60%Emax) 51.44744
- (70%Emax) 60.022
- (80%Emax) 68.59666
- (90%Emax) 77.17123

# 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

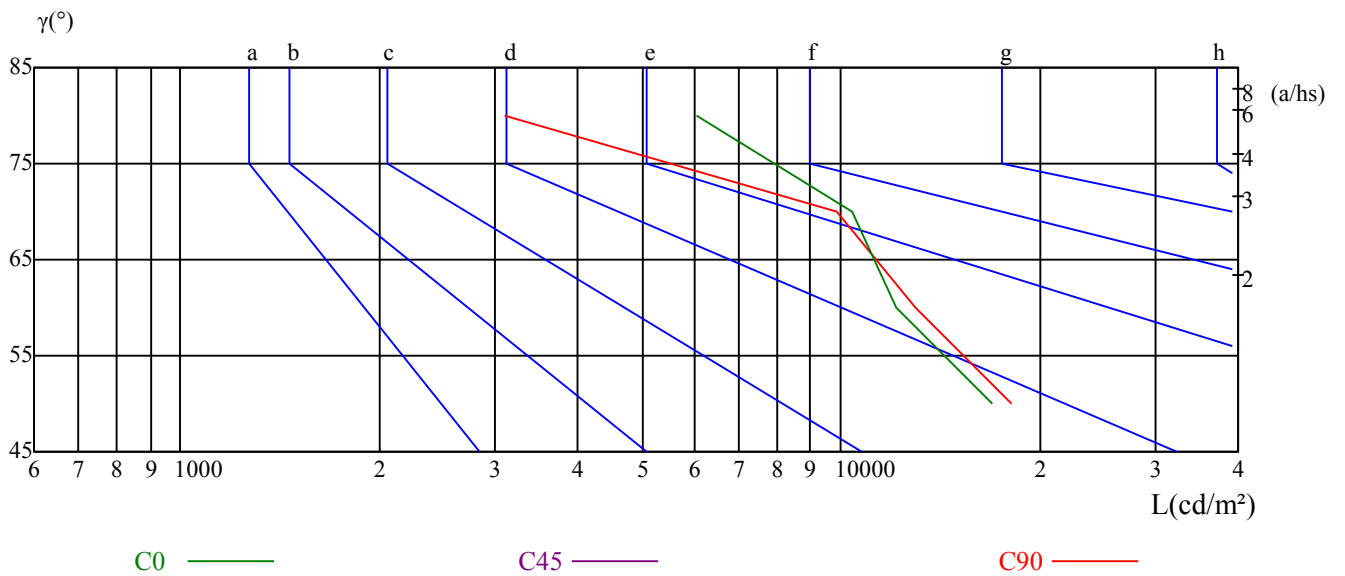
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	16988	0	12176	0	10409	0	6030	0
C45	0	0	0	0	0	0	0	0	0
C90	0	18105	0	12984	0	9841	0	3101	0

L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
28351	19697	0	18957	13640	0	15618	17764	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	19.93	21.12	20.29	21.43	21.74	19.72	20.91	20.08	21.22	21.53
	3H	21.15	22.20	21.53	22.53	22.90	21.11	22.16	21.49	22.49	22.86
	4H	21.37	22.35	21.77	22.70	23.08	21.53	22.51	21.93	22.86	23.24
	6H	21.37	22.27	21.79	22.64	23.04	21.68	22.58	22.10	22.95	23.34
	8H	21.34	22.18	21.77	22.57	22.98	21.68	22.52	22.11	22.91	23.32
	12H	21.29	22.10	21.73	22.49	22.92	21.65	22.46	22.08	22.84	23.27
4H	2H	20.36	21.34	20.76	21.69	22.07	20.19	21.16	20.59	21.52	21.90
	3H	21.74	22.54	22.15	22.95	23.35	21.76	22.56	22.17	22.96	23.37
	4H	22.02	22.73	22.45	23.15	23.60	22.25	22.96	22.68	23.38	23.83
	6H	22.04	22.65	22.51	23.10	23.57	22.42	23.03	22.89	23.48	23.95
	8H	21.99	22.57	22.47	23.01	23.49	22.42	22.99	22.89	23.44	23.91
	12H	21.95	22.45	22.44	22.94	23.41	22.39	22.89	22.88	23.37	23.85
8H	4H	22.10	22.67	22.57	23.12	23.59	22.31	22.88	22.79	23.33	23.81
	6H	22.13	22.59	22.64	23.09	23.57	22.52	22.97	23.02	23.47	23.96
	8H	22.09	22.50	22.62	23.02	23.51	22.52	22.93	23.05	23.45	23.95
	12H	22.82	23.17	23.33	23.67	24.24	23.16	23.51	23.68	24.01	24.59
12H	4H	22.06	22.56	22.55	23.05	23.52	22.27	22.77	22.76	23.25	23.73
	6H	22.54	22.50	22.63	22.97	23.52	22.92	22.88	23.00	23.35	23.89
	8H	22.07	22.43	22.59	22.92	23.50	22.50	22.85	23.02	23.35	23.93
对应照射距离，改变观察者位置S											
S = 1.0H	0.9/-1.1					0.8/-1.1					
S = 1.5H	2.0/-1.7					1.7/-1.5					
S = 2.0H	3.9/-2.0					3.5/-1.8					
标准表格	BK2					BK2					
更正系数	3.7					3.7					

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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	773.05	772.52	758.86	737.22	708.83	674.52	634.70	595.02	549.98
30.0	771.14	775.66	766.99	748.11	721.95	690.64	653.11	610.22	566.55
60.0	772.29	776.66	768.22	750.80	725.17	693.17	658.26	615.51	571.70
90.0	771.21	774.90	765.15	745.12	718.88	686.65	651.96	609.83	566.63
120.0	772.44	769.22	753.10	730.93	701.07	668.08	628.71	584.05	540.08
150.0	773.05	766.30	747.12	720.18	690.02	652.96	614.05	569.55	523.12
180.0	773.05	758.40	734.76	704.76	670.61	630.78	588.35	544.84	498.33
210.0	771.14	754.18	728.47	698.31	660.94	617.66	572.08	527.19	478.38
240.0	772.29	755.25	731.23	699.00	662.63	623.03	577.14	530.64	481.84
270.0	771.21	753.26	727.09	694.86	657.72	617.89	573.84	528.72	481.37
300.0	772.44	760.24	737.22	709.67	676.13	639.07	593.49	551.28	504.63
330.0	773.05	765.38	746.89	721.56	691.48	653.73	612.21	567.55	522.20
360.0	773.05	772.52	758.86	737.22	708.83	674.52	634.70	595.02	549.98
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	502.78	458.81	411.54	364.58	321.22	282.32	245.18	211.87	183.25
30.0	519.67	473.85	425.59	379.08	334.81	295.36	257.92	224.92	193.53
60.0	521.59	475.16	426.81	382.23	336.88	295.13	259.45	224.30	193.15
90.0	520.36	473.39	425.43	381.62	337.26	295.21	260.14	226.91	195.99
120.0	493.58	445.69	399.50	357.29	314.16	276.26	240.04	207.42	178.57
150.0	478.77	431.42	384.46	340.18	300.35	261.98	227.30	197.14	169.13
180.0	451.52	404.18	361.13	318.23	279.48	242.80	209.80	180.18	154.55
210.0	431.27	387.37	341.25	301.43	263.67	228.06	197.06	170.89	146.34
240.0	435.49	389.52	346.93	303.96	266.20	230.67	199.98	172.66	148.26
270.0	437.63	392.36	349.08	307.33	269.81	235.35	205.12	176.42	151.10
300.0	459.20	413.85	368.34	325.98	286.54	249.17	214.94	187.16	160.77
330.0	474.62	427.27	381.85	338.26	299.28	258.68	226.30	195.37	168.67
360.0	502.78	458.81	411.54	364.58	321.22	282.32	245.18	211.87	183.25
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	157.01	136.13	115.34	99.61	85.79	74.28	64.08	56.02	49.27
30.0	166.67	143.96	122.01	105.28	90.17	78.12	67.61	58.78	51.80
60.0	166.06	143.35	122.47	104.75	90.47	77.89	67.53	58.78	51.87
90.0	168.21	144.34	123.62	105.90	91.55	78.73	68.60	59.70	52.18
120.0	154.63	132.37	113.19	97.76	84.03	72.52	63.00	55.40	48.81
150.0	145.19	124.31	107.13	92.01	79.88	69.06	60.24	53.10	46.89
180.0	133.52	114.34	98.84	84.95	73.21	63.39	55.63	48.65	43.13
210.0	125.77	108.81	93.08	80.42	69.68	60.93	53.49	47.35	42.28
240.0	128.08	110.27	94.54	81.42	71.29	62.00	54.48	48.65	43.36
270.0	131.14	112.80	96.84	83.64	72.98	63.39	56.10	49.50	43.74
300.0	137.67	119.25	102.14	88.48	76.12	66.53	58.17	51.72	45.81
330.0	144.96	124.39	106.90	91.93	79.35	68.45	60.01	52.57	46.66
360.0	157.01	136.13	115.34	99.61	85.79	74.28	64.08	56.02	49.27
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	43.28	38.68	34.46	31.23	28.39	25.55	23.10	20.72	18.26
30.0	45.74	40.75	36.68	32.92	29.93	27.01	24.56	21.79	19.11
60.0	45.97	41.21	36.99	33.46	30.31	27.47	24.40	21.18	18.11
90.0	45.97	41.21	36.91	33.30	30.31	27.17	24.17	20.64	17.27
120.0	43.36	38.98	35.07	31.85	28.85	25.94	22.94	19.88	16.50
150.0	41.75	37.45	33.92	30.62	27.86	25.09	22.33	19.49	16.65
180.0	38.52	34.46	31.08	28.16	25.55	22.87	20.49	18.03	15.50
210.0	37.99	34.53	31.00	28.39	25.71	23.25	20.57	17.80	15.12
240.0	38.91	35.38	32.31	29.47	26.93	23.87	20.87	17.73	14.43
270.0	39.44	35.53	32.23	29.39	26.70	23.71	20.41	16.88	13.20
300.0	40.98	36.99	33.38	30.54	27.78	25.02	22.02	18.88	15.73
330.0	41.52	37.37	33.61	30.54	27.86	25.25	22.64	19.95	17.11
360.0	43.28	38.68	34.46	31.23	28.39	25.55	23.10	20.72	18.26

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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	15.73	13.28	10.59	7.83	5.37	2.84	1.00	0.31	0.15
30.0	16.11	13.35	10.51	7.83	5.14	2.84	0.54	0.31	0.23
60.0	14.81	11.59	8.67	6.45	3.45	1.15	0.54	0.38	0.23
90.0	13.66	10.36	7.44	4.76	2.76	0.84	0.46	0.38	0.23
120.0	13.05	9.98	7.37	4.83	2.07	0.69	0.46	0.31	0.23
150.0	13.97	11.05	8.44	5.76	3.30	0.77	0.31	0.31	0.15
180.0	12.97	10.44	7.60	5.29	2.76	0.77	0.23	0.15	0.00
210.0	12.35	9.67	6.98	4.14	1.92	0.61	0.38	0.31	0.08
240.0	11.20	8.36	6.06	3.15	1.23	0.84	0.54	0.46	0.23
270.0	9.75	6.68	4.37	2.15	0.77	0.54	0.31	0.31	0.15
300.0	12.12	9.06	6.60	3.91	1.53	0.77	0.54	0.38	0.23
330.0	14.43	11.59	8.82	6.14	3.53	1.07	0.46	0.38	0.23
360.0	15.73	13.28	10.59	7.83	5.37	2.84	1.00	0.31	0.15
C/γ(°)	90.0								
0.0	0.00								
30.0	0.15								
60.0	0.23								
90.0	0.08								
120.0	0.00								
150.0	0.00								
180.0	0.00								
210.0	0.00								
240.0	0.00								
270.0	0.00								
300.0	0.00								
330.0	0.00								
360.0	0.00								