

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 (20-OL-9WN-AJ, CT) 3颗发光面

报告编号:

电压(V): 220.5000

测试编号: 20210319007

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): 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): 321.05

灯具效能(lm/w): 31.17

中心光强(cd): 1479.501

最大光强(cd): 1479.501

最大光强角度:  $C=0.0 \gamma=0.0$

半峰边角(50%Imax): [C0/180]Total=21.1

[C90/270]Total=20.5

光束扩散角(10%Imax): [C0/180]Total=42.4

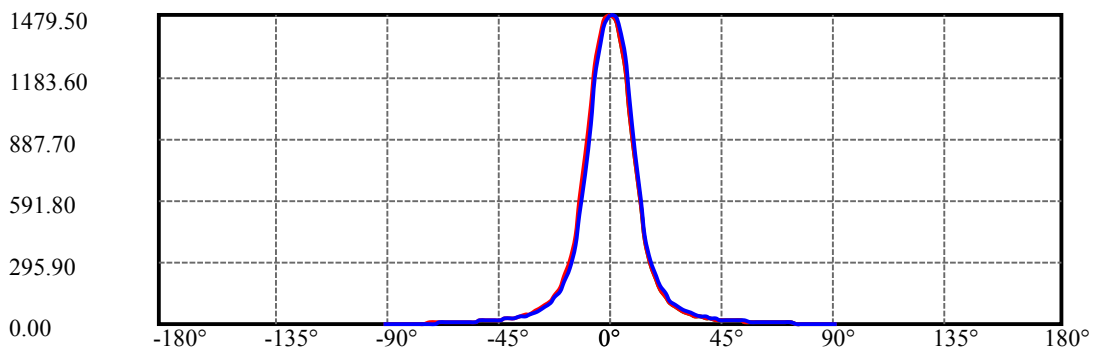
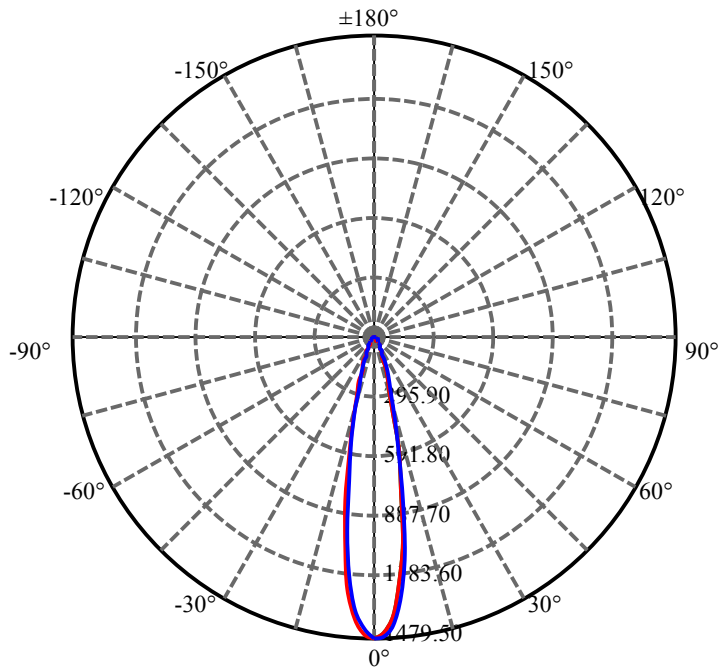
[C90/270]Total=42.5

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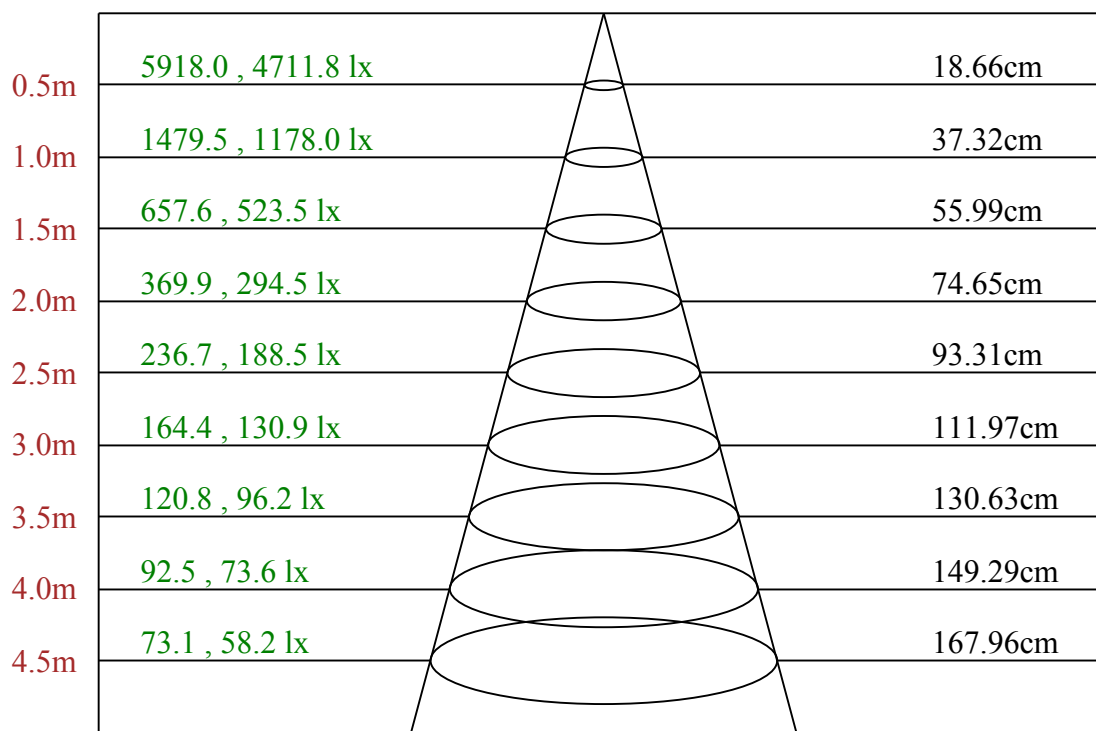
测试设备: GMS1800  
环境温度(°C): 25.0

测试日期: 2021/3/19  
环境湿度(%): 60.0%

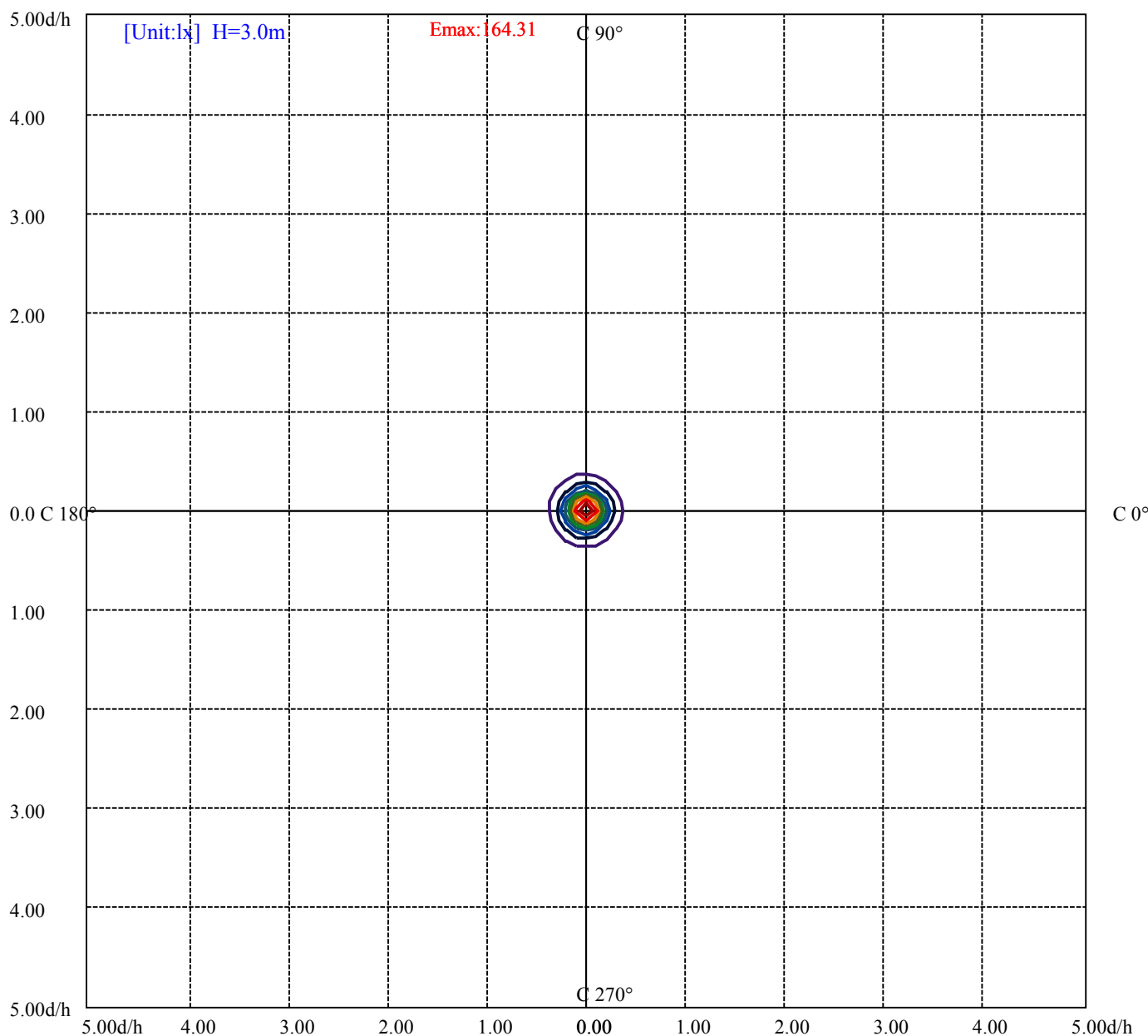
测试人员: anpeilou  
测试距离(m): 8.76



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



Max , Ave C0面光束角21.14



- (10%Emax) 16.43122
- (20%Emax) 32.86244
- (30%Emax) 49.29367
- (40%Emax) 65.72488
- (50%Emax) 82.156
- (60%Emax) 98.58722
- (70%Emax) 115.0189
- (80%Emax) 131.45
- (90%Emax) 147.8811

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## 灯具的亮度限制曲线(灯具无发光侧边)

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亮度值表

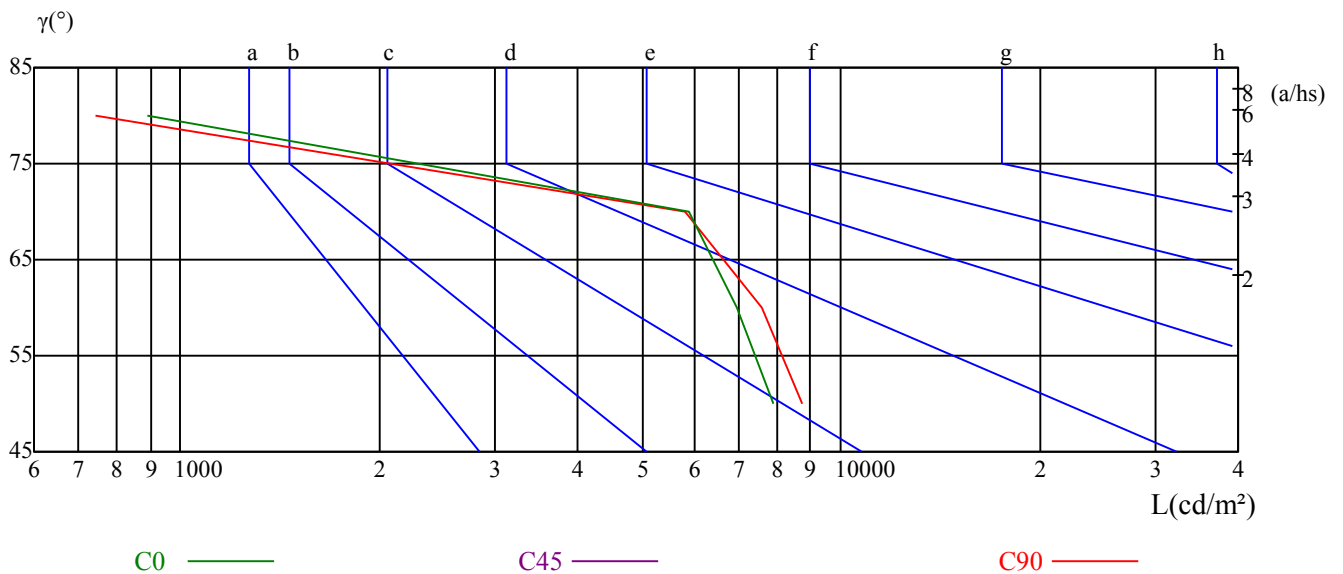
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	7903	0	6962	0	5881	0	891	0
C45	0	0	0	0	0	0	0	0	0
C90	0	8745	0	7581	0	5805	0	742	0

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)							
		a	b	c	d	e	f	g	h
1.15	A	2000	1000	500	$\leq 300$				
1.5	B		2000	1000	500	$\leq 300$			
1.85	C			2000	1000	500	$\leq 300$		
2.2	D				2000	1000	500	$\leq 300$	
2.55	E					2000	1000	500	$\leq 300$
		a	b	c	d	e	f	g	h

亮度限制曲线



测试设备: GMS1800  
环境温度( $^{\circ}\text{C}$ ): 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	18.81	19.87	19.17	20.18	20.49	18.59	19.65	18.95	19.96	20.27
	3H	20.07	21.00	20.45	21.33	21.70	20.13	21.06	20.51	21.39	21.76
	4H	20.26	21.12	20.66	21.48	21.86	20.43	21.29	20.83	21.65	22.04
	6H	20.23	21.02	20.65	21.40	21.79	20.43	21.22	20.84	21.59	21.99
	8H	20.18	20.93	20.62	21.32	21.73	20.38	21.12	20.81	21.51	21.92
	12H	20.14	20.85	20.57	21.23	21.67	20.33	21.04	20.76	21.42	21.85
4H	2H	19.30	20.17	19.71	20.52	20.91	19.13	20.00	19.54	20.35	20.74
	3H	20.70	21.41	21.12	21.82	22.23	20.81	21.52	21.22	21.93	22.33
	4H	20.93	21.57	21.37	21.99	22.44	21.15	21.78	21.59	22.21	22.65
	6H	20.93	21.47	21.40	21.92	22.39	21.17	21.71	21.64	22.16	22.63
	8H	20.87	21.38	21.35	21.83	22.30	21.11	21.61	21.58	22.06	22.54
	12H	20.83	21.26	21.32	21.75	22.23	21.06	21.49	21.55	21.98	22.46
8H	4H	20.98	21.49	21.46	21.94	22.41	21.18	21.68	21.65	22.13	22.61
	6H	20.99	21.39	21.50	21.89	22.38	21.20	21.60	21.71	22.10	22.59
	8H	20.95	21.30	21.48	21.82	22.32	21.16	21.51	21.69	22.03	22.53
	12H	21.72	22.03	22.25	22.53	23.11	21.90	22.21	22.42	22.71	23.29
12H	4H	20.93	21.37	21.42	21.86	22.33	21.13	21.56	21.62	22.05	22.53
	6H	21.26	21.30	21.47	21.77	22.31	21.47	21.51	21.69	21.98	22.53
	8H	20.92	21.23	21.45	21.73	22.31	21.13	21.43	21.65	21.93	22.51
对应照射距离，改变观察者位置S											
S = 1.0H		0.5/-0.7					0.4/-0.6				
S = 1.5H		1.2/-1.0					1.3/-1.1				
S = 2.0H		2.9/-1.7					2.5/-1.4				
标准表格		BK2					BK3				
更正系数		-0.8					-0.2				

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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	1479.50	1450.19	1366.01	1211.61	1014.16	776.89	566.63	399.96	283.39
30.0	1478.58	1459.78	1386.57	1241.46	1026.98	780.50	561.87	401.80	288.15
60.0	1479.04	1460.39	1384.42	1236.40	1030.66	788.56	571.54	399.65	290.99
90.0	1476.89	1472.98	1412.82	1277.37	1079.93	817.64	601.09	424.13	305.72
120.0	1479.50	1471.90	1403.84	1265.63	1053.53	824.39	603.62	433.26	310.40
150.0	1477.12	1475.05	1411.82	1276.84	1080.77	833.14	614.98	435.87	315.24
180.0	1479.50	1465.07	1385.96	1241.31	1043.78	809.89	594.87	427.04	305.80
210.0	1478.58	1453.10	1365.85	1212.76	997.59	753.87	551.82	392.97	289.30
240.0	1479.04	1449.65	1369.38	1213.30	1022.07	790.70	583.13	415.53	295.75
270.0	1476.89	1434.30	1339.15	1177.38	959.91	720.11	525.73	373.41	269.73
300.0	1479.50	1441.75	1349.97	1201.63	995.36	773.05	546.14	393.20	280.63
330.0	1477.12	1436.76	1337.69	1173.78	965.44	724.02	527.57	374.10	268.97
360.0	1479.50	1450.19	1366.01	1211.61	1014.16	776.89	566.63	399.96	283.39
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	209.19	163.60	128.23	101.60	83.49	68.30	56.10	46.73	39.75
30.0	219.78	169.97	134.21	108.20	87.48	71.67	59.16	49.73	41.67
60.0	218.86	169.21	134.90	107.82	87.40	71.75	59.78	49.80	42.44
90.0	233.74	181.25	144.50	114.42	93.62	76.66	63.69	52.87	44.35
120.0	233.36	180.26	142.04	114.72	92.70	76.58	63.16	52.41	44.12
150.0	238.88	188.01	148.26	118.18	96.38	78.50	64.54	53.95	45.20
180.0	228.83	175.88	139.36	110.89	89.32	73.59	60.39	50.11	42.05
210.0	219.01	169.74	134.21	106.44	85.87	69.75	58.01	48.27	40.90
240.0	220.62	169.82	132.45	104.52	85.41	69.68	57.71	48.27	40.67
270.0	206.73	159.69	126.46	100.37	81.11	65.99	55.10	46.20	38.98
300.0	211.03	163.45	128.00	102.29	82.95	67.68	55.71	47.04	39.75
330.0	202.74	157.01	124.55	99.38	81.19	65.99	54.56	45.51	38.75
360.0	209.19	163.60	128.23	101.60	83.49	68.30	56.10	46.73	39.75
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	33.92	29.54	25.71	22.64	20.18	18.19	16.50	15.12	14.04
30.0	35.91	30.85	26.86	23.79	21.18	18.95	17.27	15.96	14.66
60.0	36.22	31.23	27.24	24.10	21.56	19.34	17.80	16.35	15.12
90.0	38.06	32.69	28.39	25.02	22.33	20.03	18.19	16.73	15.35
120.0	37.91	32.61	28.39	25.09	22.18	19.88	18.03	16.50	15.19
150.0	38.29	32.92	28.62	25.09	22.33	19.88	17.96	16.42	15.12
180.0	35.99	30.77	27.01	23.64	20.87	18.65	16.81	15.35	14.12
210.0	34.92	30.08	26.24	23.02	20.64	18.49	16.88	15.50	14.35
240.0	34.84	30.46	26.63	23.40	21.18	19.11	17.27	15.81	14.66
270.0	33.84	29.47	26.09	23.17	20.72	18.65	17.04	15.73	14.35
300.0	34.07	29.93	26.32	23.25	20.80	18.88	17.27	15.96	14.73
330.0	33.30	28.93	25.48	22.64	20.41	18.34	16.96	15.65	14.50
360.0	33.92	29.54	25.71	22.64	20.18	18.19	16.50	15.12	14.04
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	12.97	12.05	11.13	10.36	9.59	8.90	8.06	7.14	5.99
30.0	13.58	12.74	11.82	10.97	10.28	9.52	8.75	7.90	6.68
60.0	14.04	13.20	12.20	11.43	10.59	9.52	8.36	7.21	6.06
90.0	14.12	13.12	12.20	11.28	10.36	9.13	7.90	6.83	5.91
120.0	13.97	13.05	12.12	11.28	10.36	9.36	8.06	6.98	5.83
150.0	14.04	12.97	12.20	11.28	10.51	9.75	8.90	7.98	6.52
180.0	13.05	12.05	11.20	10.36	9.67	8.90	8.06	7.14	5.91
210.0	13.28	12.35	11.43	10.67	9.90	8.90	7.90	6.83	5.83
240.0	13.58	12.66	11.74	11.13	10.28	9.13	8.06	6.98	5.76
270.0	13.35	12.28	11.51	10.67	9.90	8.75	7.37	5.83	4.53
300.0	13.66	12.74	11.74	10.97	10.21	9.13	7.98	6.83	5.60
330.0	13.51	12.66	11.89	11.05	10.21	9.29	8.29	7.14	6.14
360.0	12.97	12.05	11.13	10.36	9.59	8.90	8.06	7.14	5.99

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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	4.91	3.76	2.38	1.38	0.46	0.15	0.08	0.15	0.00
30.0	4.76	3.53	2.46	1.84	0.84	0.54	0.46	0.46	0.38
60.0	4.83	3.38	2.30	1.00	0.61	0.38	0.31	0.23	0.15
90.0	4.68	3.38	1.69	0.46	0.38	0.23	0.15	0.08	0.00
120.0	4.60	3.30	2.23	0.84	0.46	0.38	0.31	0.23	0.15
150.0	4.76	3.45	2.38	1.76	0.69	0.38	0.38	0.38	0.31
180.0	4.91	3.53	2.30	1.23	0.31	0.15	0.08	0.00	0.00
210.0	4.99	3.84	2.46	1.07	0.54	0.46	0.46	0.54	0.46
240.0	4.37	3.38	2.46	1.46	0.84	0.77	0.69	0.69	0.69
270.0	3.53	2.38	1.84	0.92	0.46	0.31	0.15	0.23	0.08
300.0	4.30	3.30	2.46	1.61	1.07	0.92	0.92	1.00	1.00
330.0	5.14	4.14	2.84	1.38	0.77	0.77	0.77	0.77	0.77
360.0	4.91	3.76	2.38	1.38	0.46	0.15	0.08	0.15	0.00

C/γ(°)	90.0
0.0	0.00
30.0	0.31
60.0	0.08
90.0	0.00
120.0	0.00
150.0	0.23
180.0	0.00
210.0	0.38
240.0	0.46
270.0	0.00
300.0	1.15
330.0	0.92
360.0	0.00