

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) 6颗发光面

报告编号:

电压(V): 220.5000

测试编号: 20210319014

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): 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): 582.08

灯具效能(lm/w): 55.97

中心光强(cd): 573.460

最大光强(cd): 576.146

最大光强角度:  $C=30.0 \gamma=2.0$

半峰边角(50%Imax): [C0/180]Total=54.2

[C90/270]Total=54.1

光束扩散角(10%Imax): [C0/180]Total=99.3

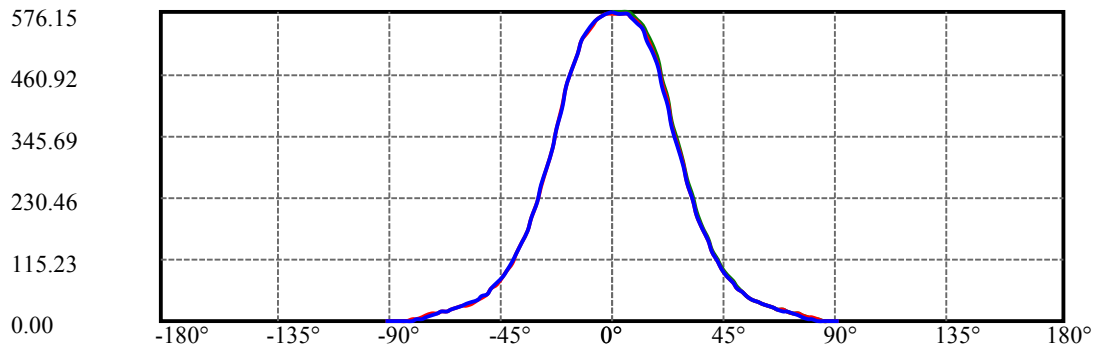
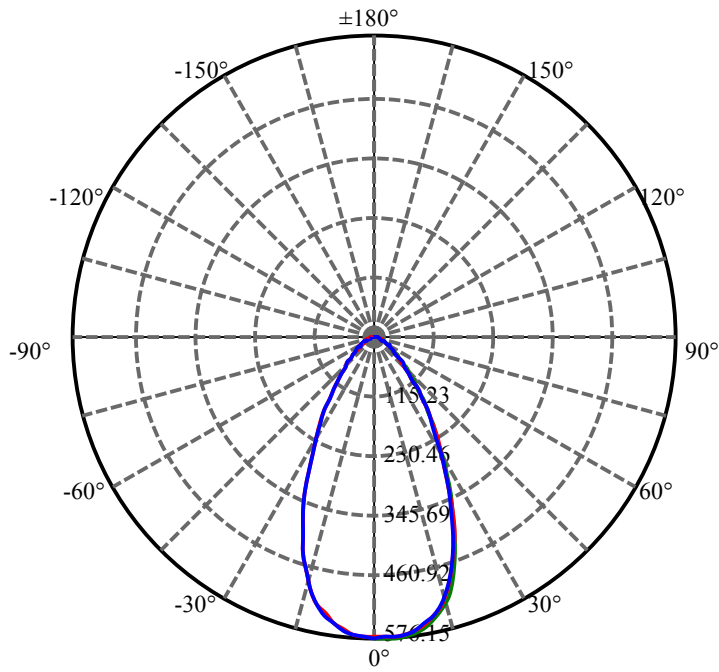
[C90/270]Total=99.8

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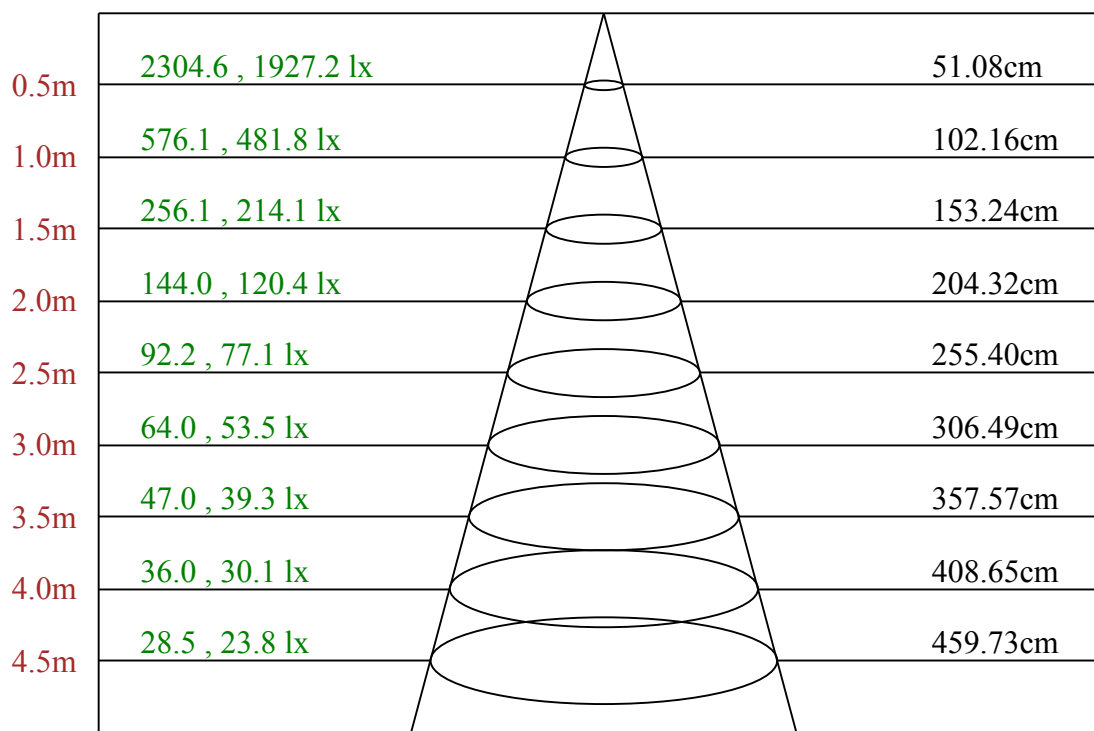
测试设备: GMS1800  
环境温度(°C): 25.0

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

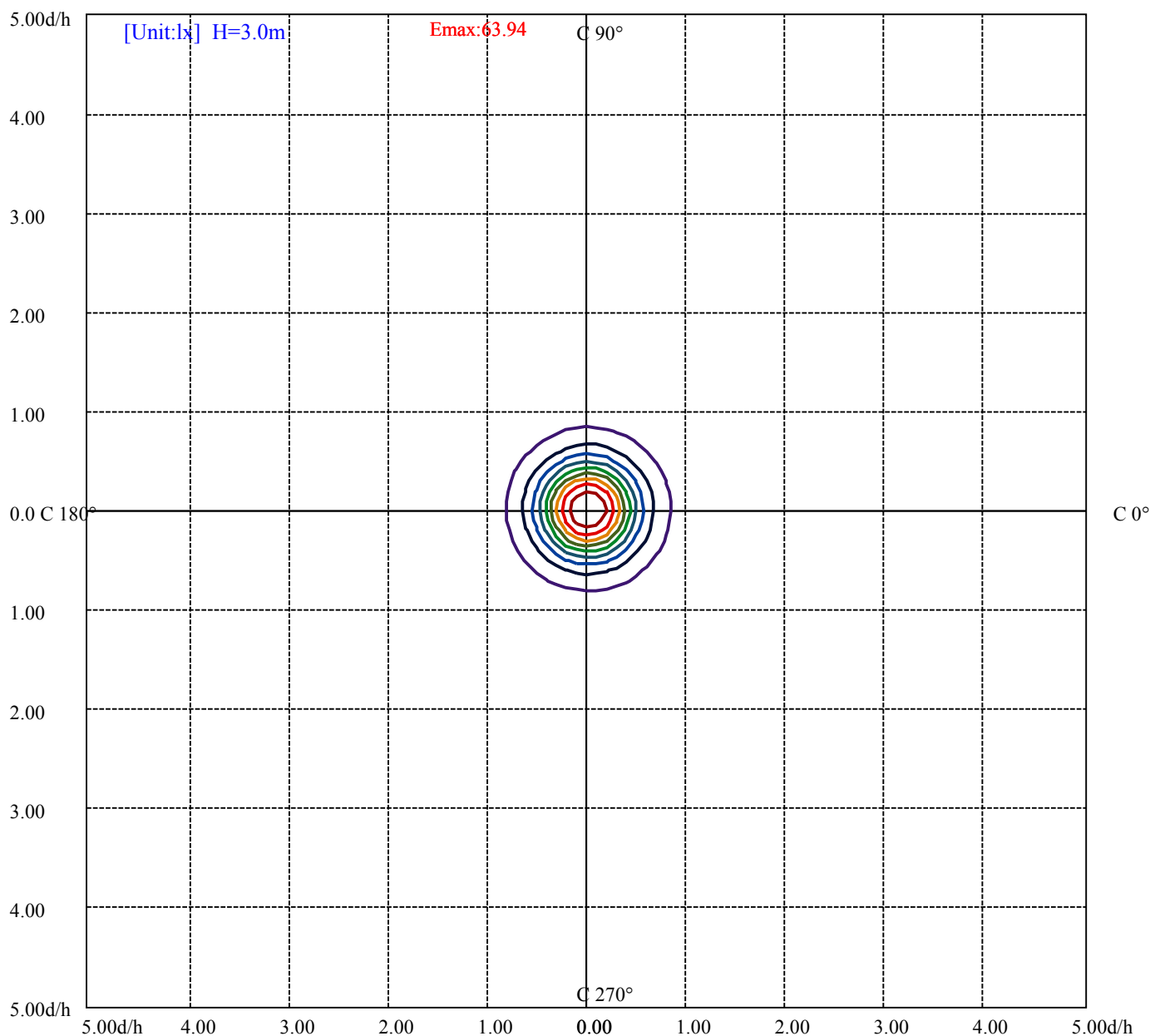


C30(Max): ————  
C0/C180: ————  
C90/C270: ————



Max , Ave    C30面光束角54.07

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平面等照度曲线



- (10%Emax) 6.393945
- (20%Emax) 12.78789
- (30%Emax) 19.18189
- (40%Emax) 25.57578
- (50%Emax) 31.96978
- (60%Emax) 38.36367
- (70%Emax) 44.75767
- (80%Emax) 51.15156
- (90%Emax) 57.54555

测试设备: GMS1800  
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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

# 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

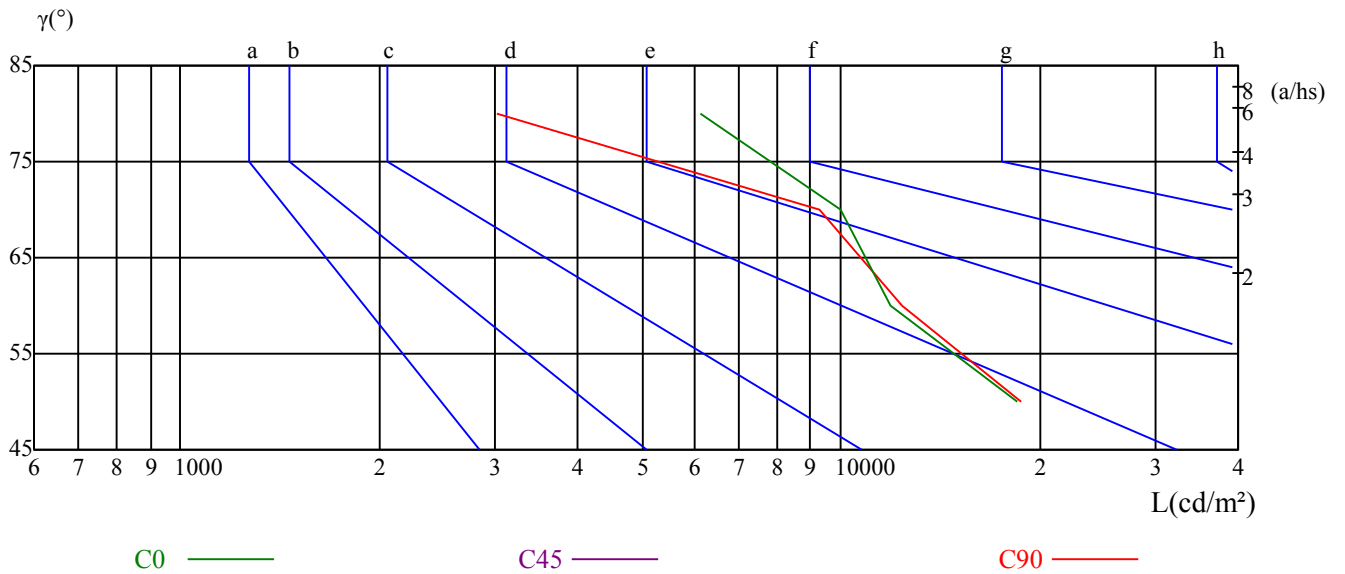
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	18547	0	11877	0	10016	0	6116	0
C45	0	0	0	0	0	0	0	0	0
C90	0	18780	0	12416	0	9316	0	3015	0

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)							
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	19.95	21.15	20.31	21.46	21.78	19.76	20.96	20.12	21.27	21.59
	3H	21.12	22.19	21.50	22.52	22.88	21.09	22.15	21.47	22.48	22.85
	4H	21.34	22.33	21.74	22.68	23.06	21.50	22.49	21.91	22.85	23.23
	6H	21.34	22.25	21.76	22.62	23.02	21.66	22.57	22.08	22.94	23.34
	8H	21.30	22.16	21.74	22.55	22.96	21.66	22.52	22.09	22.91	23.32
	12H	21.27	22.08	21.70	22.47	22.90	21.64	22.46	22.07	22.84	23.27
4H	2H	20.35	21.34	20.75	21.69	22.08	20.19	21.18	20.60	21.53	21.92
	3H	21.70	22.51	22.11	22.91	23.32	21.71	22.52	22.12	22.92	23.33
	4H	21.97	22.69	22.40	23.11	23.56	22.20	22.92	22.64	23.34	23.79
	6H	21.99	22.61	22.46	23.06	23.53	22.38	23.00	22.85	23.45	23.92
	8H	21.95	22.53	22.42	22.97	23.45	22.38	22.96	22.85	23.41	23.88
	12H	21.91	22.41	22.40	22.90	23.37	22.36	22.86	22.84	23.35	23.82
8H	4H	22.05	22.63	22.52	23.07	23.55	22.27	22.84	22.74	23.29	23.77
	6H	22.08	22.55	22.59	23.05	23.53	22.48	22.94	22.98	23.44	23.92
	8H	22.04	22.46	22.57	22.97	23.47	22.49	22.90	23.01	23.42	23.92
	12H	22.75	23.11	23.26	23.61	24.18	23.10	23.46	23.62	23.96	24.53
12H	4H	22.01	22.52	22.50	23.00	23.48	22.22	22.73	22.71	23.21	23.69
	6H	22.51	22.46	22.58	22.93	23.48	22.90	22.85	22.96	23.32	23.86
	8H	22.02	22.38	22.54	22.88	23.46	22.46	22.82	22.98	23.32	23.90
对应照射距离，改变观察者位置S											
S = 1.0H	0.9/-1.3					0.8/-1.3					
S = 1.5H	2.0/-1.9					1.8/-1.8					
S = 2.0H	4.0/-2.3					3.7/-2.1					
标准表格	BK2					BK2					
更正系数	3.9					4.0					

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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	573.46	573.92	573.31	571.39	566.48	557.35	544.91	528.26	504.93
30.0	575.23	576.15	575.99	574.84	570.85	563.02	552.59	535.86	514.14
60.0	575.69	575.84	576.07	574.30	569.39	560.95	548.44	531.95	508.08
90.0	574.61	574.15	573.54	571.62	566.17	555.89	542.84	524.12	501.33
120.0	574.69	574.15	571.93	568.70	561.41	549.21	534.17	512.91	485.90
150.0	574.69	573.54	571.08	565.94	557.88	546.14	529.64	509.46	482.22
180.0	573.46	572.23	568.55	561.95	551.28	537.62	521.28	497.95	470.55
210.0	575.23	573.54	569.09	560.88	549.21	533.48	514.53	487.97	458.20
240.0	575.69	574.07	570.39	563.79	552.20	538.77	519.44	496.19	464.80
270.0	574.61	573.23	569.78	562.95	552.89	539.08	522.81	499.10	468.64
300.0	574.69	574.15	572.16	567.17	558.80	546.68	531.95	511.61	484.75
330.0	574.69	574.30	572.85	569.70	561.72	551.67	536.09	516.14	489.36
360.0	573.46	573.92	573.31	571.39	566.48	557.35	544.91	528.26	504.93
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	476.46	443.70	406.79	365.65	327.67	292.06	256.76	225.30	196.68
30.0	485.21	450.68	414.92	373.10	334.73	297.36	265.05	231.82	202.20
60.0	478.61	444.62	406.94	369.34	329.89	295.06	261.06	228.83	200.29
90.0	471.32	436.94	401.26	361.82	324.75	289.30	256.38	224.84	197.37
120.0	455.28	419.37	382.92	344.40	308.64	273.57	241.34	210.95	183.94
150.0	451.06	415.38	378.39	339.87	301.73	267.58	234.36	204.20	177.57
180.0	436.02	399.34	359.13	320.30	285.77	251.78	221.93	192.00	167.98
210.0	424.36	387.29	349.46	311.78	276.41	241.80	212.87	185.47	160.92
240.0	431.11	392.67	353.07	316.08	279.25	246.86	215.71	190.16	165.14
270.0	435.72	398.34	358.06	320.53	287.38	252.93	221.00	193.46	167.67
300.0	451.98	418.60	379.62	339.72	305.49	270.35	236.97	207.96	182.33
330.0	458.12	425.20	386.45	349.39	312.40	277.87	243.03	214.02	185.70
360.0	476.46	443.70	406.79	365.65	327.67	292.06	256.76	225.30	196.68
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	172.35	150.18	129.53	112.27	96.77	82.80	70.75	61.16	52.26
30.0	177.03	153.94	133.45	115.49	100.30	86.18	74.51	63.85	54.64
60.0	176.27	153.09	132.53	115.57	99.61	85.64	73.36	63.31	54.33
90.0	171.74	149.41	130.07	112.34	96.77	83.11	71.98	61.93	53.49
120.0	161.38	139.97	121.78	105.13	90.40	77.50	67.07	57.48	49.65
150.0	155.39	134.83	116.49	101.14	86.87	74.97	63.85	55.10	47.27
180.0	145.65	126.62	108.89	93.54	80.88	69.22	59.24	50.80	44.05
210.0	140.89	122.09	105.74	90.32	78.20	66.76	57.32	49.73	42.82
240.0	143.42	125.70	108.28	93.01	80.19	69.29	59.39	51.80	44.89
270.0	145.72	126.08	109.35	94.23	81.73	69.98	60.24	51.87	45.12
300.0	158.16	137.21	119.17	102.37	88.25	75.66	65.46	56.33	48.88
330.0	162.84	141.35	121.71	105.67	90.17	77.74	66.76	57.55	49.34
360.0	172.35	150.18	129.53	112.27	96.77	82.80	70.75	61.16	52.26
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	45.28	39.37	34.38	30.46	27.40	24.63	22.02	19.88	17.57
30.0	46.96	41.05	35.91	31.92	28.78	25.78	23.17	20.57	18.03
60.0	47.35	41.13	36.30	32.23	28.85	26.01	23.10	20.34	17.27
90.0	46.20	40.44	35.84	31.85	28.78	25.78	22.79	19.41	16.35
120.0	43.43	38.06	34.07	30.39	27.55	24.63	21.95	18.95	15.88
150.0	41.28	36.37	32.15	29.01	26.24	23.64	20.95	18.65	15.88
180.0	38.37	33.84	30.00	27.01	24.25	21.72	19.57	17.34	15.04
210.0	37.91	33.53	30.08	27.24	24.71	22.10	19.72	17.27	14.58
240.0	39.29	34.84	31.39	28.32	25.63	22.94	20.26	17.42	14.12
270.0	39.60	34.99	31.46	28.47	25.63	22.79	19.49	16.42	13.12
300.0	42.36	37.22	33.00	29.93	27.01	24.17	21.41	18.49	15.27
330.0	42.74	37.75	33.23	29.77	26.93	24.25	21.79	19.34	16.58
360.0	45.28	39.37	34.38	30.46	27.40	24.63	22.02	19.88	17.57

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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	15.19	12.82	10.44	7.60	5.45	2.84	0.92	0.31	0.08
30.0	15.35	12.66	10.13	7.67	5.14	2.76	0.54	0.31	0.23
60.0	14.12	10.82	8.29	5.99	3.38	1.15	0.54	0.38	0.23
90.0	13.12	9.82	7.06	4.37	2.69	0.84	0.54	0.38	0.31
120.0	12.66	9.59	7.14	4.53	2.00	0.69	0.46	0.23	0.23
150.0	13.20	10.67	8.13	5.53	3.15	0.77	0.31	0.23	0.15
180.0	12.66	10.28	7.52	5.29	2.69	0.92	0.23	0.15	0.00
210.0	12.20	9.52	6.98	4.07	1.92	0.61	0.38	0.23	0.08
240.0	10.97	8.29	5.76	2.99	1.23	0.84	0.61	0.46	0.15
270.0	9.82	6.68	4.22	2.15	0.84	0.46	0.31	0.31	0.08
300.0	11.97	9.13	6.60	3.76	1.53	0.77	0.46	0.31	0.23
330.0	13.89	11.13	8.59	6.06	3.38	1.07	0.46	0.31	0.23
360.0	15.19	12.82	10.44	7.60	5.45	2.84	0.92	0.31	0.08

C/γ(°)	90.0
0.0	0.08
30.0	0.15
60.0	0.15
90.0	0.15
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	0.08
360.0	0.08