

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) 6颗发光面

报告编号:

电压(V): 220.3000

测试编号: 20210319002

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: 0.5040

光源数量: 6

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

## 光度结果

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灯具光通量(lm): 619.70

灯具效能(lm/w): 60.17

中心光强(cd): 5585.730

最大光强(cd): 6107.545

最大光强角度:  $C=60.0$   $\gamma=2.0$

半峰边角(50%Imax): [C0/180]Total=10.7

[C90/270]Total=11.4

光束扩散角(10%Imax): [C0/180]Total=29.3

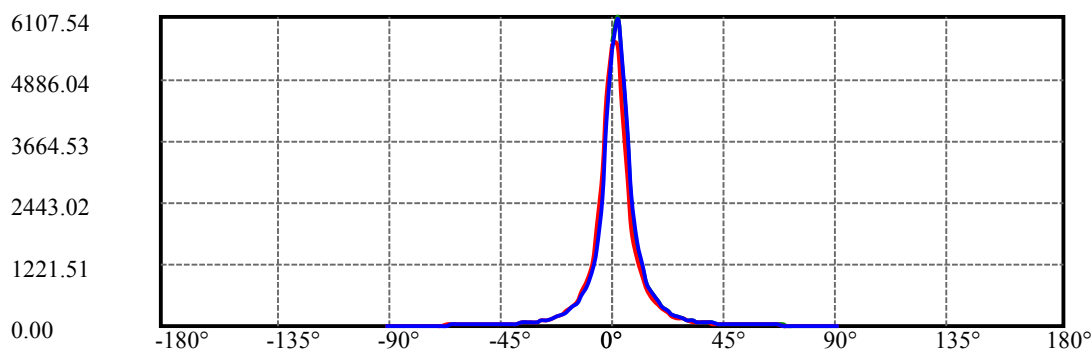
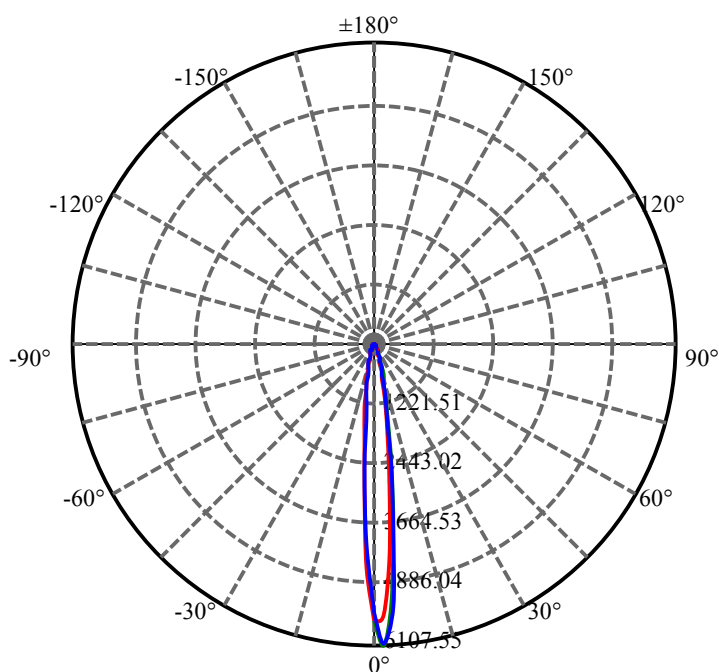
[C90/270]Total=30.1

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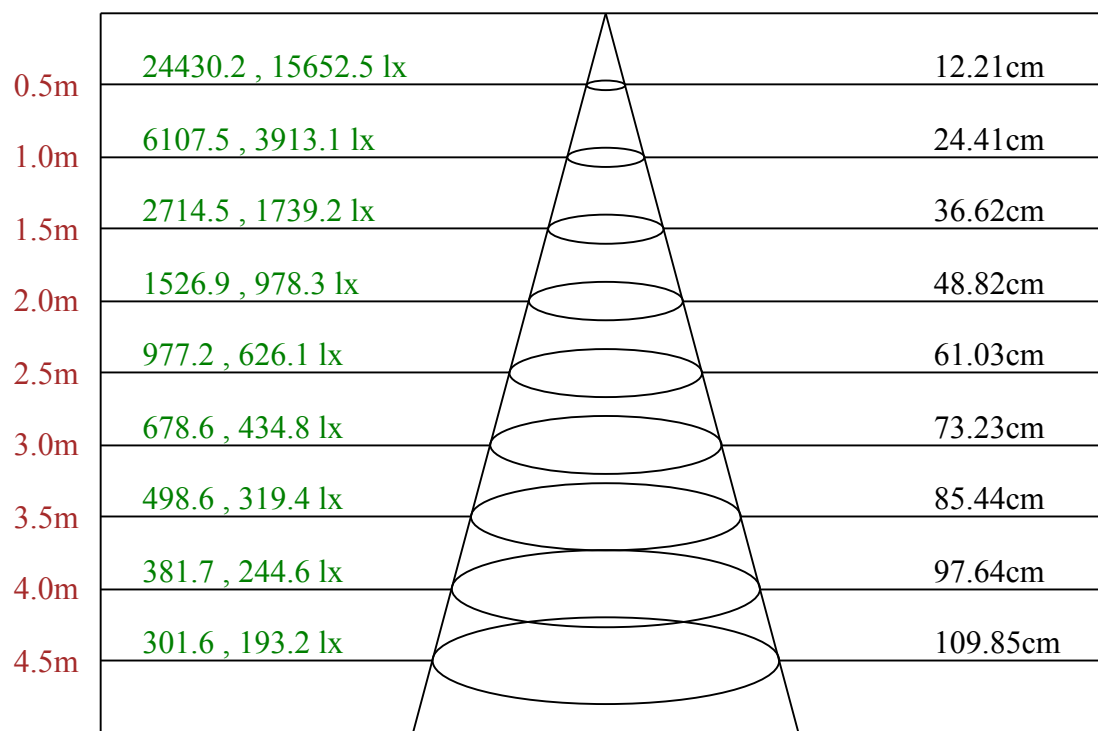
测试设备: GMS1800  
环境温度(°C): 25.0

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



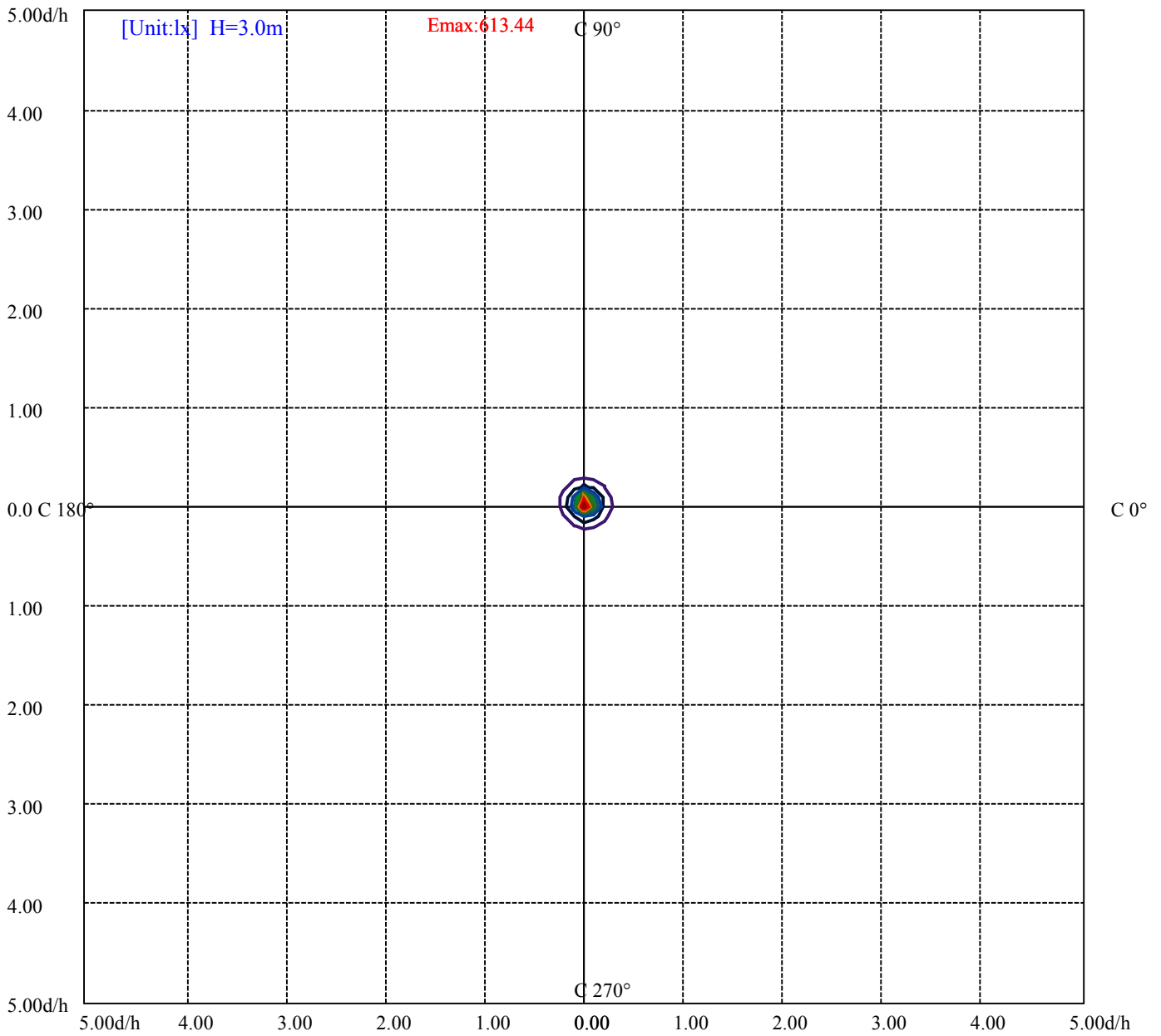
C60(Max): ——  
C0/C180: ——  
C90/C270: ——



Max , Ave    C60面光束角13.90

# ROLED 壁灯

## 平面等照度曲线



(10%Emax) 61.34378	——
(20%Emax) 122.6878	——
(30%Emax) 184.0311	——
(40%Emax) 245.3755	——
(50%Emax) 306.7189	——
(60%Emax) 368.0622	——
(70%Emax) 429.4066	——
(80%Emax) 490.75	——
(90%Emax) 552.0945	——

# 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

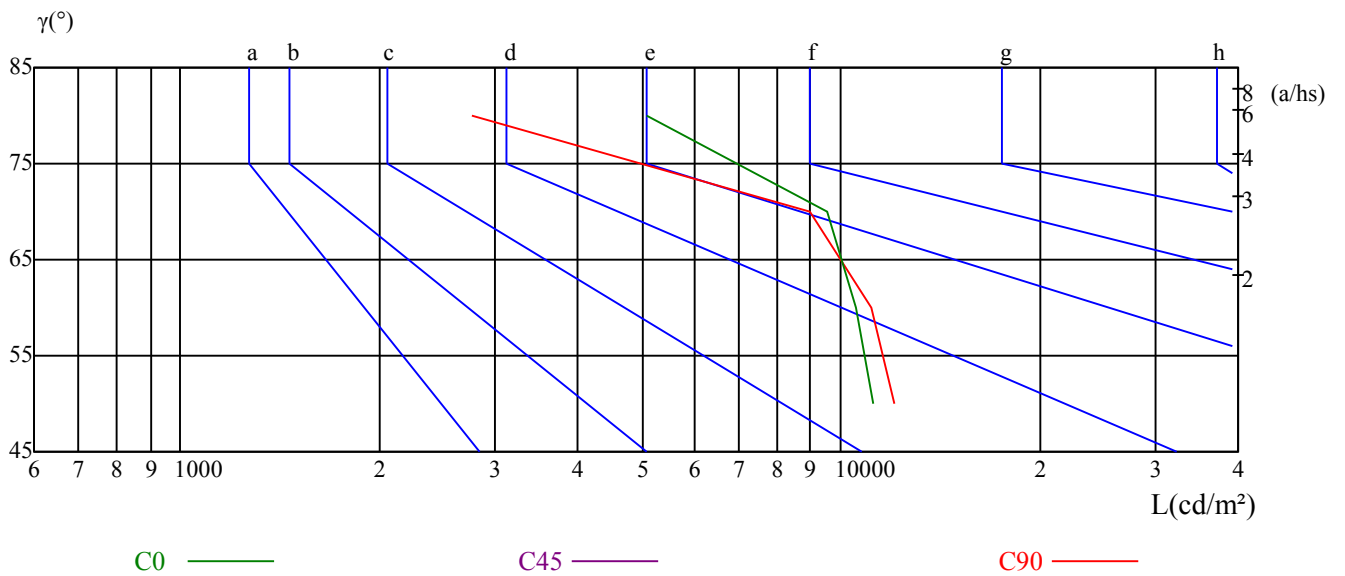
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	11194	0	10531	0	9534	0	5082	0
C45	0	0	0	0	0	0	0	0	0
C90	0	12055	0	11129	0	8966	0	2757	0

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)							
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

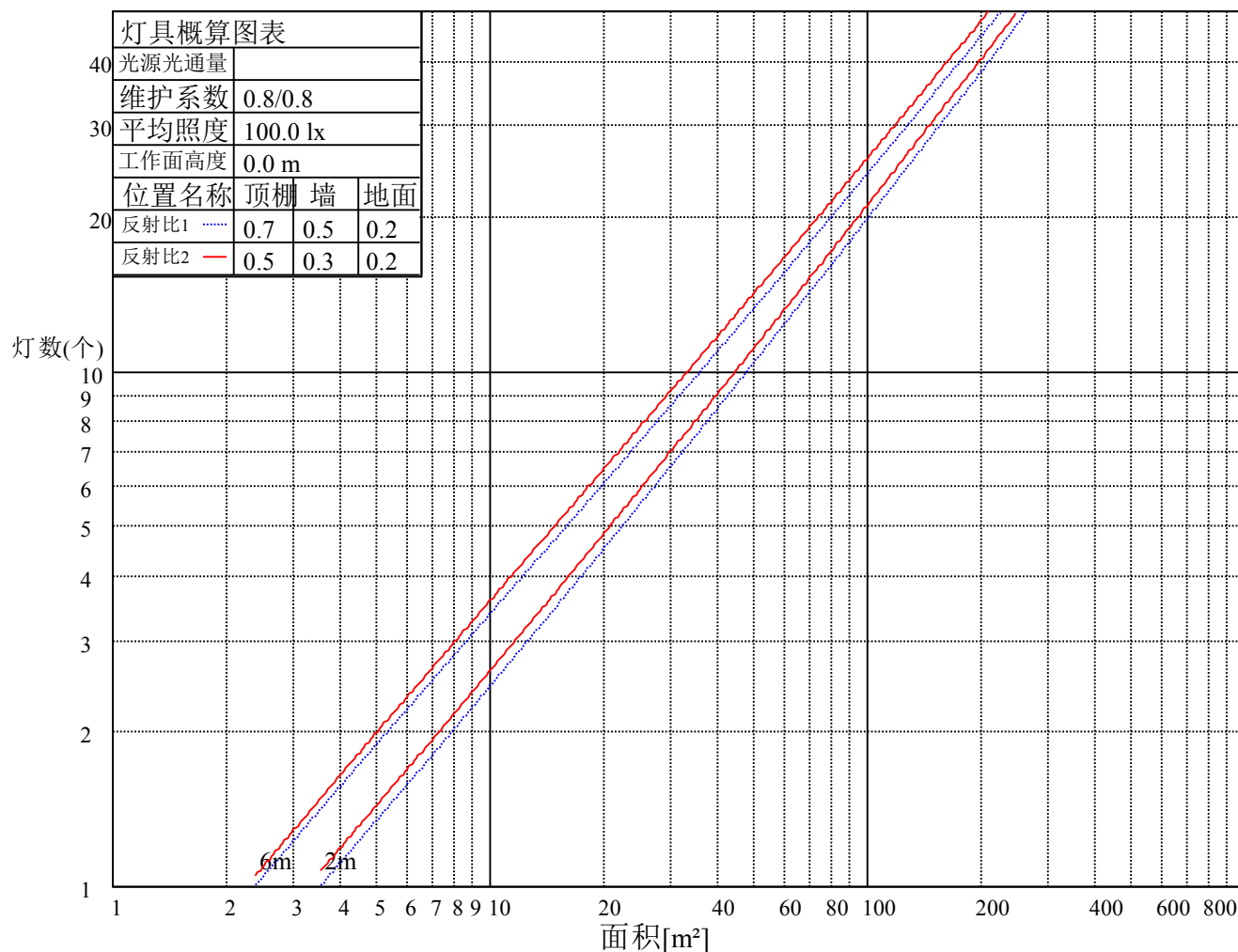


测试设备: GMS1800  
环境温度(°C): 25.0

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	18.41	19.50	18.78	19.81	20.13	18.30	19.39	18.66	19.70	20.01
	3H	19.79	20.75	20.17	21.08	21.45	19.95	20.91	20.33	21.24	21.61
	4H	20.03	20.93	20.44	21.28	21.67	20.42	21.31	20.82	21.66	22.05
	6H	20.04	20.86	20.46	21.23	21.63	20.59	21.40	21.00	21.78	22.17
	8H	20.00	20.77	20.43	21.16	21.57	20.58	21.35	21.02	21.74	22.15
	12H	19.96	20.69	20.39	21.08	21.51	20.56	21.29	20.99	21.68	22.11
4H	2H	18.93	19.82	19.33	20.17	20.56	18.84	19.73	19.24	20.08	20.47
	3H	20.43	21.16	20.84	21.57	21.97	20.63	21.36	21.04	21.77	22.17
	4H	20.73	21.38	21.16	21.80	22.25	21.17	21.82	21.60	22.24	22.69
	6H	20.75	21.31	21.22	21.76	22.24	21.36	21.92	21.83	22.37	22.84
	8H	20.71	21.23	21.18	21.68	22.15	21.36	21.88	21.83	22.33	22.80
	12H	20.66	21.11	21.15	21.60	22.08	21.33	21.78	21.82	22.27	22.75
8H	4H	20.83	21.35	21.30	21.80	22.27	21.23	21.75	21.71	22.20	22.68
	6H	20.87	21.28	21.38	21.79	22.27	21.46	21.88	21.97	22.38	22.87
	8H	20.83	21.20	21.36	21.72	22.22	21.49	21.86	22.02	22.38	22.87
	12H	21.59	21.90	22.11	22.40	22.98	22.15	22.47	22.67	22.97	23.54
12H	4H	20.79	21.24	21.28	21.73	22.21	21.18	21.64	21.67	22.12	22.60
	6H	21.19	21.21	21.37	21.68	22.23	21.77	21.79	21.95	22.26	22.81
	8H	20.82	21.14	21.34	21.64	22.22	21.47	21.79	21.99	22.29	22.87
对应照射距离，改变观察者位置S											
S = 1.0H	0.3/-0.5					0.3/-0.5					
S = 1.5H	1.1/-0.8					0.9/-0.8					
S = 2.0H	1.9/-1.1					1.6/-1.1					
标准表格	BK3					BK3					
更正系数	2.1					2.2					



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## 灯具的利用系数表

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	1.03	1.02	1.01	1.00	0.99	0.98	0.97	0.96	0.94
2	1.04	1.00	0.97	1.03	0.99	0.96	0.99	0.97	0.94	0.96	0.94	0.92	0.94	0.92	0.90	0.89
3	0.98	0.94	0.90	0.97	0.93	0.89	0.94	0.91	0.88	0.92	0.89	0.87	0.90	0.87	0.85	0.84
4	0.93	0.88	0.85	0.92	0.88	0.84	0.90	0.86	0.83	0.88	0.85	0.82	0.86	0.84	0.81	0.80
5	0.89	0.84	0.80	0.88	0.83	0.80	0.86	0.82	0.79	0.85	0.81	0.78	0.83	0.80	0.78	0.76
6	0.85	0.80	0.77	0.85	0.80	0.76	0.83	0.79	0.76	0.82	0.78	0.75	0.81	0.77	0.75	0.74
7	0.82	0.77	0.73	0.81	0.77	0.73	0.80	0.76	0.73	0.79	0.75	0.73	0.78	0.75	0.72	0.71
8	0.79	0.74	0.71	0.79	0.74	0.71	0.78	0.73	0.70	0.77	0.73	0.70	0.76	0.72	0.70	0.69
9	0.77	0.72	0.69	0.76	0.72	0.68	0.75	0.71	0.68	0.74	0.71	0.68	0.74	0.70	0.68	0.67
10	0.74	0.70	0.67	0.74	0.69	0.66	0.73	0.69	0.66	0.72	0.69	0.66	0.72	0.68	0.66	0.65



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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	5585.73	5485.20	4344.12	2902.98	1890.81	1309.91	942.34	710.59	549.44
30.0	5443.77	5860.45	5000.22	3539.91	2336.66	1535.52	1087.37	817.26	619.27
60.0	5598.01	6107.55	5270.34	3763.98	2467.11	1509.89	1137.25	845.96	638.53
90.0	5462.18	6079.15	5358.59	3881.39	2566.11	1653.70	1161.81	844.11	629.25
120.0	5627.94	5661.70	4536.73	3090.22	2007.46	1342.98	974.80	720.95	546.37
150.0	5584.96	5259.60	3961.19	2599.10	1695.90	1144.16	828.77	628.48	477.31
180.0	5585.73	4532.89	3055.69	1978.30	1292.03	908.73	670.38	511.69	392.05
210.0	5443.77	4134.62	2634.40	1504.13	1123.36	814.42	606.23	467.64	358.44
240.0	5598.01	4215.20	2673.54	1691.30	1141.86	819.56	606.99	468.87	389.83
270.0	5462.18	4038.70	2537.71	1522.63	1124.74	811.04	616.82	471.25	361.82
300.0	5627.94	4550.54	3049.55	1912.30	1312.21	938.50	709.82	537.16	418.99
330.0	5584.96	4789.96	3355.74	2210.81	1478.12	1045.17	782.65	606.53	465.11
360.0	5585.73	5485.20	4344.12	2902.98	1890.81	1309.91	942.34	710.59	549.44
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	420.52	328.28	255.61	203.82	164.22	135.06	111.50	94.39	80.96
30.0	482.68	390.59	289.30	227.53	182.94	147.64	121.40	102.44	87.02
60.0	489.97	376.55	295.75	232.05	186.17	149.87	123.24	102.91	88.48
90.0	479.61	388.29	290.61	228.83	184.48	149.48	123.55	104.52	89.32
120.0	419.52	322.91	254.77	201.82	163.83	133.91	111.35	94.23	81.88
150.0	387.52	290.61	228.14	182.33	149.41	123.09	103.67	89.02	77.12
180.0	309.02	242.26	192.76	156.24	129.84	108.81	92.55	80.57	70.37
210.0	280.32	224.30	178.95	146.42	121.55	102.98	88.40	77.58	68.14
240.0	280.94	225.38	180.33	147.95	121.94	103.75	88.86	78.04	68.91
270.0	282.85	226.38	180.49	147.64	123.47	103.67	89.17	77.58	68.83
300.0	324.83	258.53	204.89	164.22	134.90	113.19	95.23	82.03	71.90
330.0	361.13	285.16	222.85	179.95	145.88	119.40	100.14	86.02	74.21
360.0	420.52	328.28	255.61	203.82	164.22	135.06	111.50	94.39	80.96
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	70.83	62.69	56.10	51.03	46.50	42.74	39.29	36.91	34.53
30.0	75.59	66.30	59.47	53.79	49.19	45.04	41.75	38.91	36.45
60.0	76.58	67.22	60.39	54.56	49.73	45.58	42.36	39.44	36.91
90.0	77.43	68.22	61.31	55.56	50.72	46.35	42.74	39.75	37.22
120.0	71.67	63.92	57.40	52.10	47.58	43.82	40.82	37.99	35.84
150.0	68.07	61.01	55.33	50.57	46.35	42.90	40.06	37.52	34.99
180.0	62.85	56.56	51.34	46.96	43.20	40.06	37.29	35.15	33.07
210.0	61.08	55.56	50.34	46.43	42.82	39.98	37.29	35.07	32.84
240.0	61.47	55.86	50.88	46.66	43.20	40.29	37.60	35.30	33.23
270.0	61.93	56.40	51.26	47.12	43.59	40.44	37.99	35.76	33.61
300.0	63.62	57.55	51.95	47.73	43.89	40.82	38.06	35.61	33.46
330.0	65.61	58.93	53.26	48.57	44.51	41.28	38.37	35.99	33.84
360.0	70.83	62.69	56.10	51.03	46.50	42.74	39.29	36.91	34.53
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	32.54	30.62	28.70	27.01	25.09	23.10	20.95	18.95	16.73
30.0	34.15	32.08	30.23	28.24	26.24	24.33	22.02	19.57	17.11
60.0	34.76	32.54	30.62	28.47	26.63	24.48	22.02	19.11	16.11
90.0	34.69	32.46	30.54	28.55	26.70	24.40	21.95	18.88	15.73
120.0	33.53	31.54	29.62	27.40	25.55	23.25	20.80	17.80	14.81
150.0	33.00	30.93	28.85	27.01	25.17	23.10	20.80	18.34	15.88
180.0	31.00	29.16	27.32	25.63	23.64	21.64	19.41	17.19	14.89
210.0	31.00	29.01	27.01	25.40	23.33	21.26	18.95	16.50	13.81
240.0	31.08	29.16	27.09	25.32	23.25	20.87	18.11	15.12	12.28
270.0	31.54	29.54	27.63	25.94	23.48	20.80	17.73	14.43	11.36
300.0	31.46	29.39	27.40	25.63	23.71	21.49	18.95	16.11	13.12
330.0	31.85	30.00	27.93	26.09	24.25	22.18	19.88	17.50	15.04
360.0	32.54	30.62	28.70	27.01	25.09	23.10	20.95	18.95	16.73

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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	14.50	12.12	9.13	6.52	4.53	1.84	0.46	0.23	0.15
30.0	14.50	12.12	9.59	6.83	4.30	2.23	0.61	0.38	0.23
60.0	13.28	10.28	7.98	5.45	2.99	0.92	0.54	0.31	0.23
90.0	12.43	9.36	6.91	4.60	2.46	0.84	0.54	0.38	0.23
120.0	12.12	9.44	7.21	4.68	2.30	0.84	0.61	0.46	0.31
150.0	13.28	10.82	8.44	6.14	4.22	2.30	1.92	2.00	1.84
180.0	12.66	9.82	7.29	5.14	2.84	0.84	0.31	0.31	0.08
210.0	11.20	8.82	6.06	3.84	1.76	0.69	0.61	0.46	0.38
240.0	9.29	7.14	4.76	2.38	1.00	0.61	0.46	0.46	0.15
270.0	8.13	5.76	3.61	1.53	0.69	0.46	0.31	0.23	0.00
300.0	10.28	8.13	5.91	3.53	1.84	1.53	1.38	1.07	0.92
330.0	12.74	10.21	7.67	5.37	3.61	1.69	1.46	1.15	1.00
360.0	14.50	12.12	9.13	6.52	4.53	1.84	0.46	0.23	0.15

C/γ(°)	90.0
0.0	0.00
30.0	0.08
60.0	0.08
90.0	0.08
120.0	0.31
150.0	1.38
180.0	0.08
210.0	0.38
240.0	0.15
270.0	0.00
300.0	0.77
330.0	0.84
360.0	0.00