

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 (15-OL-9WN-AJ, CT) 6颗发光面

报告编号:

电压(V): 220.5000

测试编号: 20210319010

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): 623.28

灯具效能(lm/w): 59.93

中心光强(cd): 4788.426

最大光强(cd): 4925.787

最大光强角度:  $C=60.0$   $\gamma=2.0$

半峰边角(50%Imax): [C0/180]Total=14.3

[C90/270]Total=15.0

光束扩散角(10%Imax): [C0/180]Total=32.2

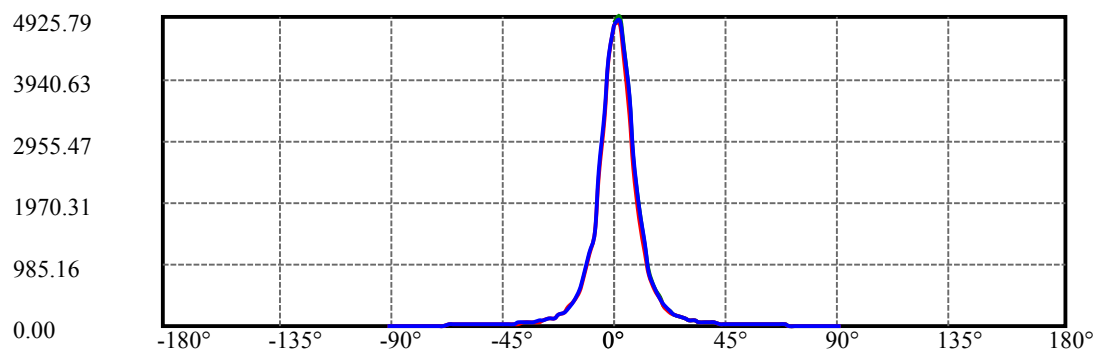
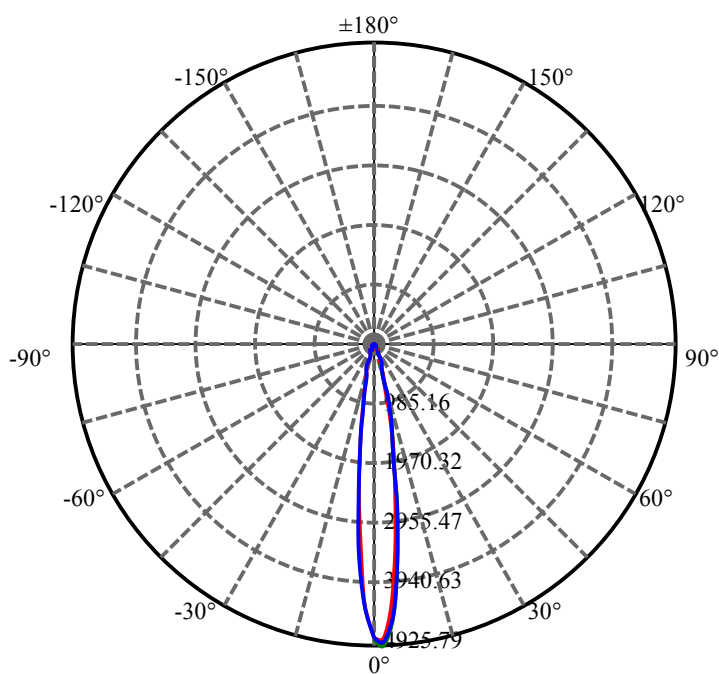
[C90/270]Total=32.6

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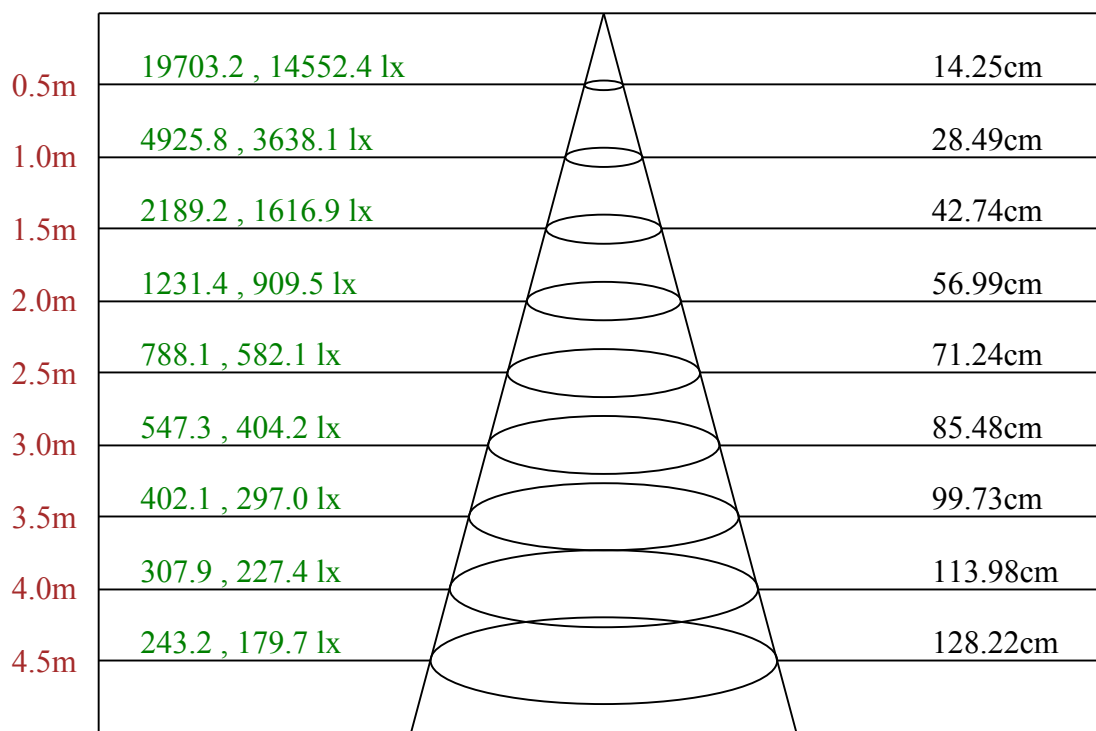
测试设备: GMS1800  
环境温度(°C): 25.0

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



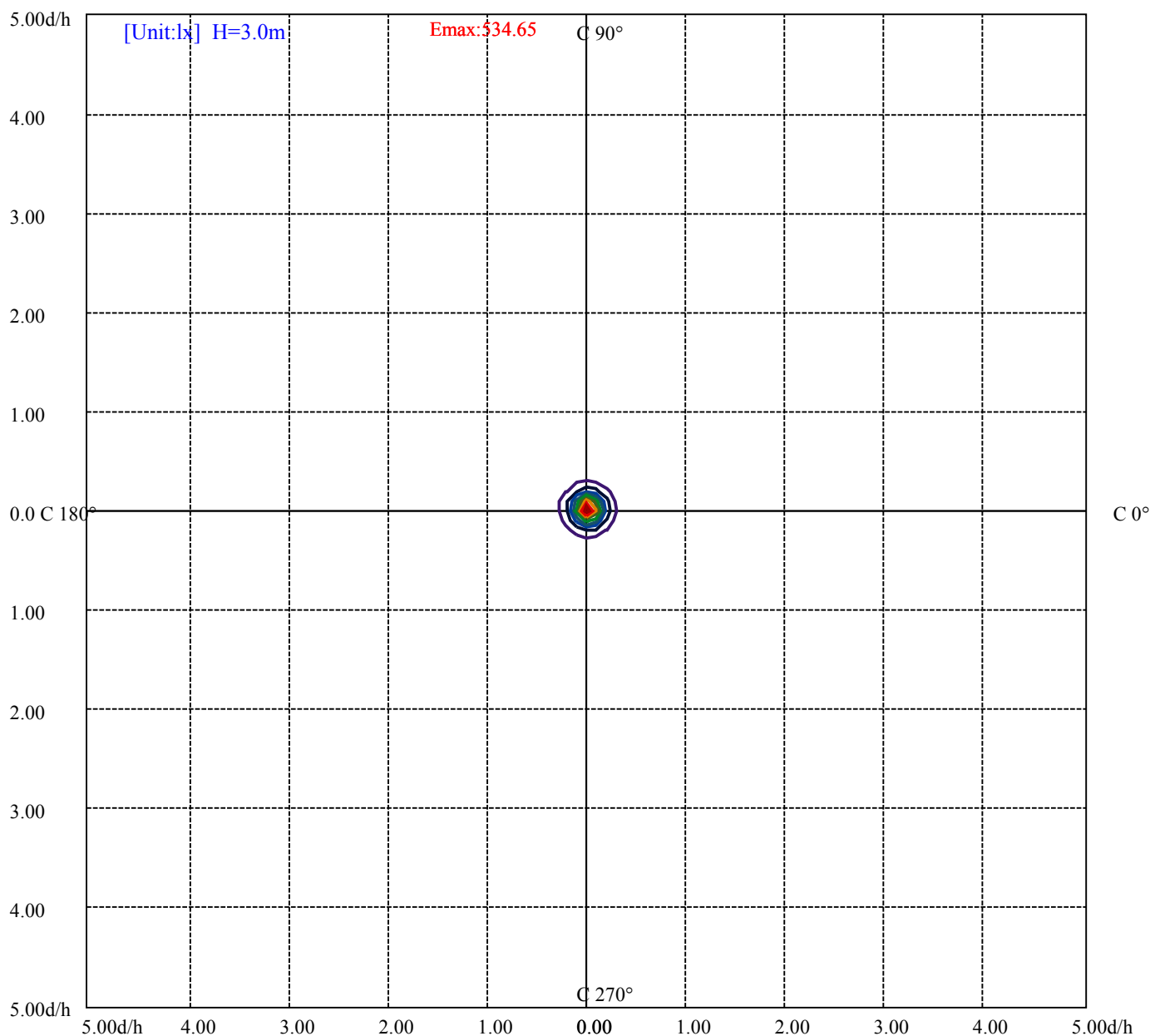
C60(Max): ——  
C0/C180: ——  
C90/C270: ——



Max , Ave    C60面光束角16.21

# ROLED 壁灯

## 平面等照度曲线



(10%E <sub>max</sub> ) 53.465	—
(20%E <sub>max</sub> ) 106.9299	—
(30%E <sub>max</sub> ) 160.3945	—
(40%E <sub>max</sub> ) 213.86	—
(50%E <sub>max</sub> ) 267.3244	—
(60%E <sub>max</sub> ) 320.79	—
(70%E <sub>max</sub> ) 374.2545	—
(80%E <sub>max</sub> ) 427.72	—
(90%E <sub>max</sub> ) 481.1844	—

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

# ROLED 壁灯

## 灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

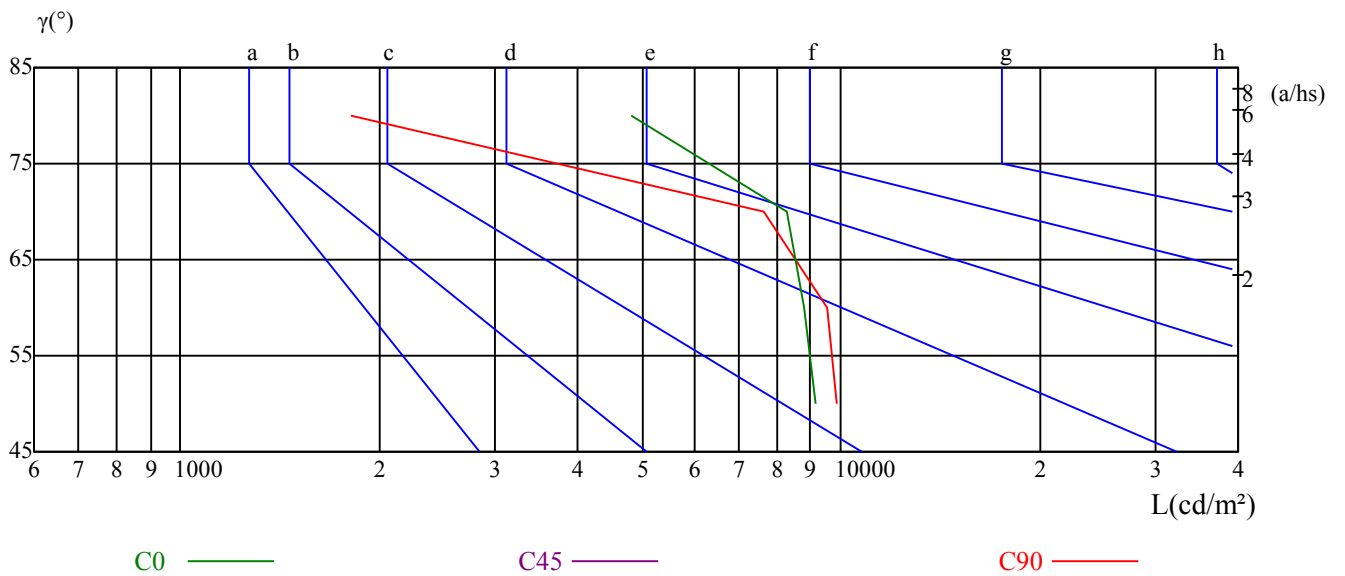
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	9146	0	8796	0	8310	0	4824	0
C45	0	0	0	0	0	0	0	0	0
C90	0	9844	0	9514	0	7654	0	1809	0

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

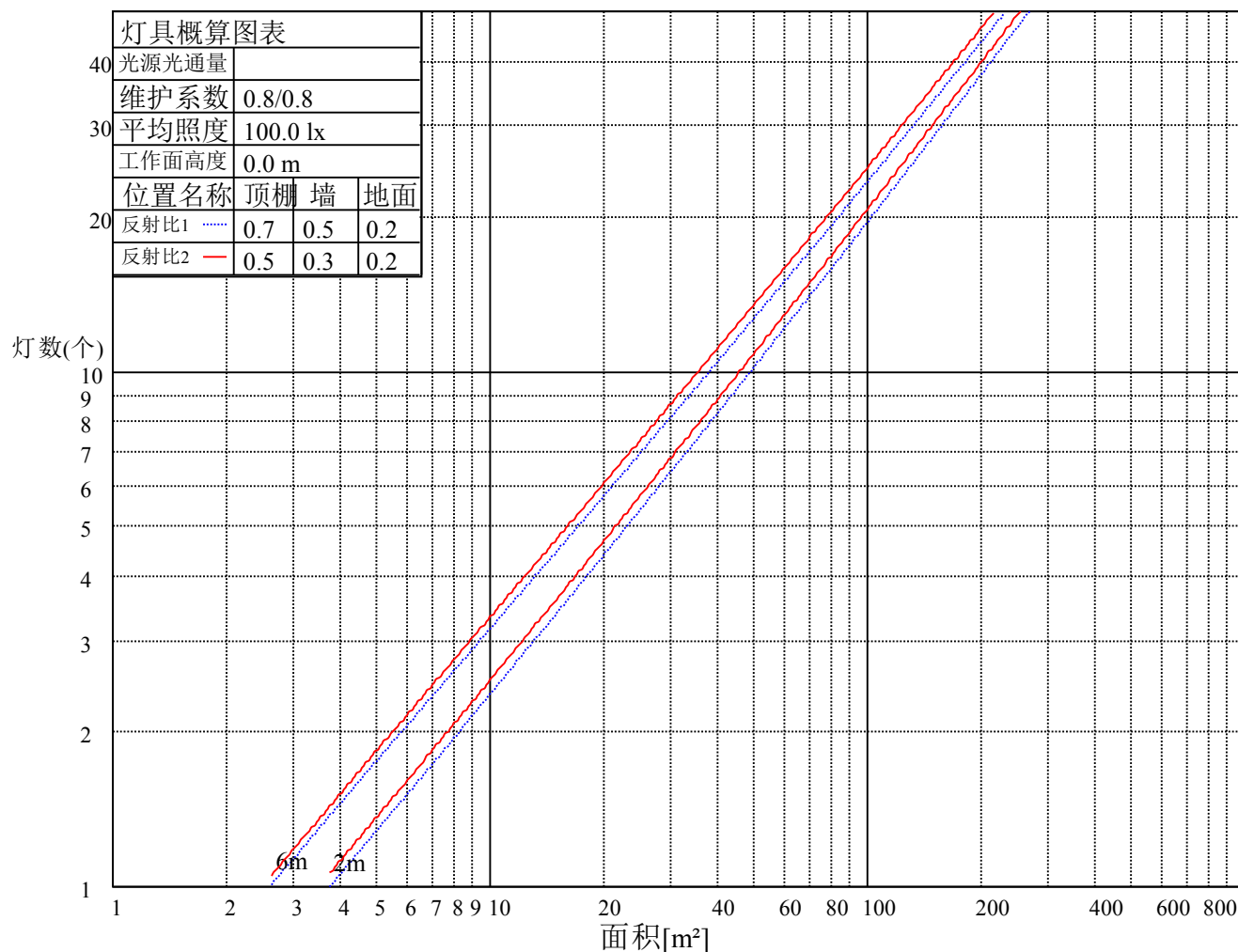
眩光等级表

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



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	17.36	18.42	17.73	18.73	19.04	17.04	18.09	17.40	18.40	18.72
	3H	18.84	19.78	19.23	20.11	20.48	18.79	19.72	19.17	20.06	20.42
	4H	19.10	19.96	19.51	20.32	20.71	19.29	20.15	19.69	20.50	20.89
	6H	19.10	19.89	19.51	20.26	20.66	19.46	20.25	19.88	20.63	21.02
	8H	19.05	19.80	19.49	20.19	20.60	19.45	20.20	19.89	20.59	21.00
	12H	19.00	19.71	19.44	20.10	20.53	19.42	20.14	19.86	20.52	20.95
4H	2H	17.90	18.77	18.31	19.12	19.51	17.65	18.51	18.06	18.87	19.26
	3H	19.49	20.20	19.90	20.61	21.01	19.52	20.23	19.93	20.63	21.04
	4H	19.80	20.43	20.23	20.85	21.30	20.07	20.71	20.51	21.13	21.58
	6H	19.81	20.35	20.28	20.80	21.28	20.26	20.80	20.73	21.25	21.72
	8H	19.76	20.26	20.23	20.71	21.19	20.25	20.76	20.73	21.21	21.68
	12H	19.71	20.14	20.20	20.63	21.11	20.22	20.66	20.71	21.14	21.62
8H	4H	19.89	20.39	20.36	20.84	21.31	20.14	20.64	20.61	21.09	21.57
	6H	19.91	20.31	20.42	20.81	21.30	20.36	20.76	20.87	21.26	21.75
	8H	19.86	20.22	20.39	20.74	21.23	20.37	20.72	20.90	21.25	21.74
	12H	20.64	20.95	21.16	21.44	22.02	21.03	21.34	21.56	21.84	22.42
12H	4H	19.84	20.28	20.34	20.77	21.25	20.09	20.52	20.58	21.01	21.49
	6H	20.19	20.22	20.41	20.70	21.24	20.63	20.66	20.85	21.14	21.68
	8H	19.84	20.15	20.36	20.64	21.22	20.34	20.64	20.86	21.14	21.72
对应照射距离，改变观察者位置S											
S = 1.0H	0.4/-0.5					0.2/-0.5					
S = 1.5H	1.1/-0.7					1.0/-0.6					
S = 2.0H	1.8/-1.0					1.4/-1.0					
标准表格	BK3					BK3					
更正系数	0.8					0.9					



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	1.12	1.09	1.07	1.10	1.08	1.06	1.06	1.04	1.02	1.02	1.01	0.99	0.98	0.97	0.97	0.95
2	1.05	1.02	0.99	1.03	1.00	0.98	1.00	0.98	0.95	0.97	0.95	0.93	0.95	0.93	0.92	0.90
3	1.00	0.95	0.92	0.98	0.94	0.91	0.96	0.93	0.90	0.93	0.91	0.89	0.91	0.89	0.87	0.86
4	0.95	0.90	0.87	0.94	0.90	0.86	0.92	0.88	0.85	0.90	0.87	0.84	0.88	0.86	0.84	0.82
5	0.91	0.86	0.83	0.90	0.86	0.82	0.89	0.85	0.82	0.87	0.84	0.81	0.86	0.83	0.80	0.79
6	0.88	0.83	0.79	0.87	0.82	0.79	0.86	0.82	0.79	0.84	0.81	0.78	0.83	0.80	0.78	0.76
7	0.85	0.80	0.77	0.84	0.80	0.76	0.83	0.79	0.76	0.82	0.78	0.76	0.81	0.78	0.75	0.74
8	0.82	0.77	0.74	0.81	0.77	0.74	0.80	0.77	0.74	0.80	0.76	0.73	0.79	0.76	0.73	0.72
9	0.80	0.75	0.72	0.79	0.75	0.72	0.78	0.74	0.72	0.78	0.74	0.71	0.77	0.74	0.71	0.70
10	0.77	0.73	0.70	0.77	0.73	0.70	0.76	0.72	0.70	0.76	0.72	0.70	0.75	0.72	0.70	0.69



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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	4788.43	4812.98	4271.98	3368.78	2502.41	1721.99	1153.37	811.88	573.23
30.0	4778.45	4922.72	4506.03	3674.96	2722.65	1883.14	1300.70	884.78	618.51
60.0	4845.21	4925.79	4466.13	3638.13	2674.31	1885.44	1284.89	884.94	619.12
90.0	4803.01	4870.54	4428.53	3663.45	2734.16	1893.12	1303.77	866.37	616.20
120.0	4829.10	4628.81	4006.47	3125.52	2227.69	1502.75	1063.12	749.34	525.27
150.0	4827.56	4506.03	3773.19	2846.20	1994.41	1348.28	942.34	664.55	477.31
180.0	4788.43	4229.01	3315.06	2387.31	1505.51	1119.37	775.05	558.04	401.87
210.0	4778.45	4143.06	3179.24	2252.25	1503.60	1043.63	719.49	510.77	370.34
240.0	4845.21	4259.70	3353.43	2446.39	1682.09	1146.46	760.47	547.14	389.83
270.0	4803.01	4258.17	3384.90	2474.02	1509.51	1163.80	793.70	567.09	401.41
300.0	4829.10	4505.26	3763.21	2882.26	2046.59	1412.74	944.64	660.71	468.10
330.0	4827.56	4587.37	3913.62	3000.44	2170.14	1475.59	999.20	696.16	501.33
360.0	4788.43	4812.98	4271.98	3368.78	2502.41	1721.99	1153.37	811.88	573.23
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	415.92	298.51	225.30	172.51	137.74	110.35	90.86	77.58	66.45
30.0	451.98	325.90	239.34	184.25	146.26	116.26	96.84	81.11	69.14
60.0	444.69	318.38	238.27	183.63	143.42	116.26	95.77	80.50	68.99
90.0	441.24	323.07	238.04	183.25	145.42	116.41	96.23	81.34	70.37
120.0	385.91	279.94	214.33	166.83	130.91	107.28	89.09	75.36	65.15
150.0	392.90	258.68	196.99	155.78	123.01	100.22	84.87	72.13	62.31
180.0	291.45	220.54	170.05	133.52	107.51	89.71	75.74	65.07	57.17
210.0	268.81	206.88	160.00	127.15	103.60	86.33	74.21	64.38	56.63
240.0	284.24	214.40	166.29	132.30	108.12	90.24	76.74	66.99	58.63
270.0	289.91	218.16	169.97	134.67	110.58	91.62	77.97	68.07	59.63
300.0	364.20	251.62	192.07	151.17	120.86	99.07	82.88	71.67	62.00
330.0	362.05	264.82	202.51	158.31	126.31	101.52	85.72	73.05	63.62
360.0	415.92	298.51	225.30	172.51	137.74	110.35	90.86	77.58	66.45
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	58.01	51.57	46.35	41.75	38.29	35.07	32.31	30.16	28.24
30.0	60.16	53.41	47.50	42.67	39.06	35.84	33.38	31.16	29.08
60.0	60.47	53.33	47.50	43.05	39.29	36.22	33.69	31.54	29.54
90.0	61.47	54.94	49.11	44.51	40.90	37.68	34.84	32.46	30.54
120.0	57.40	50.95	45.89	41.59	38.14	35.22	32.77	30.77	28.93
150.0	54.79	49.11	44.20	40.44	36.99	34.22	31.92	29.85	28.16
180.0	50.65	45.20	40.82	37.45	34.38	31.92	29.77	28.01	26.55
210.0	50.26	45.12	40.90	37.60	34.84	32.46	30.54	28.85	27.32
240.0	51.95	46.89	42.36	38.83	35.99	33.53	31.46	29.85	28.16
270.0	53.18	48.11	43.89	40.29	37.37	34.69	32.46	30.54	28.70
300.0	54.87	49.04	44.12	40.29	37.06	34.61	32.31	30.46	28.70
330.0	56.02	49.88	45.12	40.90	37.29	34.46	32.15	30.16	28.32
360.0	58.01	51.57	46.35	41.75	38.29	35.07	32.31	30.16	28.24
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	26.63	25.09	23.87	22.56	21.49	19.80	18.19	16.35	14.58
30.0	27.47	25.86	24.56	23.25	22.02	20.49	18.80	16.88	14.81
60.0	28.09	26.47	25.02	23.71	22.41	20.87	18.65	16.35	13.51
90.0	28.70	27.17	25.71	24.40	23.02	21.33	18.88	16.04	13.43
120.0	27.55	26.01	24.56	23.25	21.87	20.03	17.65	15.04	12.28
150.0	26.55	25.25	24.02	22.71	21.41	19.64	17.57	15.42	13.12
180.0	25.09	23.94	22.71	21.49	20.18	18.42	16.65	14.81	12.82
210.0	25.86	24.63	23.40	22.10	20.57	18.80	16.88	14.73	12.12
240.0	26.78	25.32	24.17	22.94	21.26	19.34	17.04	14.27	11.59
270.0	27.32	26.01	24.71	23.48	21.64	19.57	16.73	13.97	11.13
300.0	27.17	25.71	24.40	23.17	21.87	20.11	17.73	15.27	12.43
330.0	26.78	25.32	23.87	22.79	21.33	19.64	18.03	15.88	13.58
360.0	26.63	25.09	23.87	22.56	21.49	19.80	18.19	16.35	14.58

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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	12.82	10.97	8.13	5.99	4.30	2.07	0.61	0.23	0.08
30.0	12.28	10.13	8.21	5.83	3.84	1.92	0.46	0.31	0.15
60.0	10.90	8.44	6.60	4.37	2.15	0.69	0.38	0.38	0.15
90.0	10.36	7.52	5.45	3.61	1.61	0.61	0.38	0.23	0.15
120.0	9.82	7.52	5.68	3.30	1.07	0.46	0.31	0.31	0.15
150.0	10.97	8.67	6.60	4.07	2.46	0.54	0.23	0.00	0.08
180.0	10.82	8.36	6.06	4.37	2.07	0.69	0.23	0.15	0.00
210.0	10.13	8.06	5.60	3.61	1.84	0.54	0.31	0.23	0.08
240.0	9.13	7.06	5.14	2.99	1.23	0.84	0.61	0.46	0.23
270.0	8.13	5.91	3.91	2.00	0.69	0.46	0.38	0.23	0.15
300.0	9.90	7.67	5.68	3.38	1.46	0.54	0.46	0.31	0.23
330.0	11.43	9.36	7.14	4.76	2.99	1.00	0.31	0.23	0.23
360.0	12.82	10.97	8.13	5.99	4.30	2.07	0.61	0.23	0.08

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