

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) 3颗发光面

报告编号:

电压(V): 220.5000

测试编号: 20210319006

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: 0.5070

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): 313.29

灯具效能(lm/w): 30.12

中心光强(cd): 2466.346

最大光强(cd): 2467.881

最大光强角度: C=120.0  $\gamma=0.0$

半峰边角(50%Imax): [C0/180]Total=14.2

[C90/270]Total=15.2

光束扩散角(10%Imax): [C0/180]Total=31.8

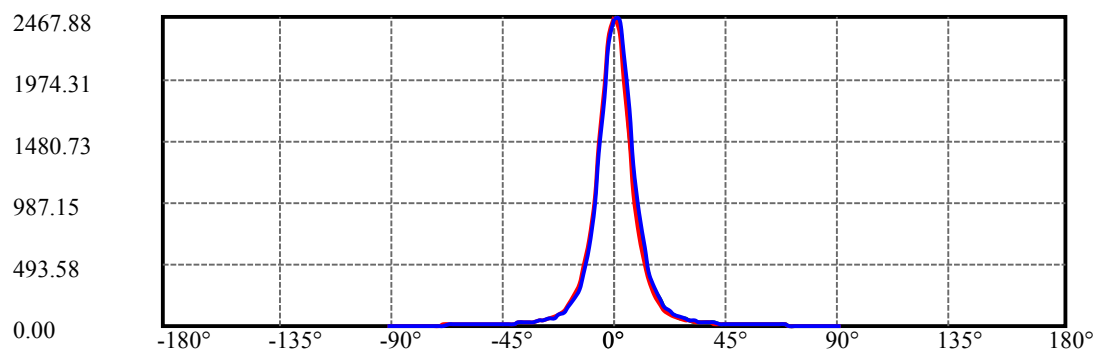
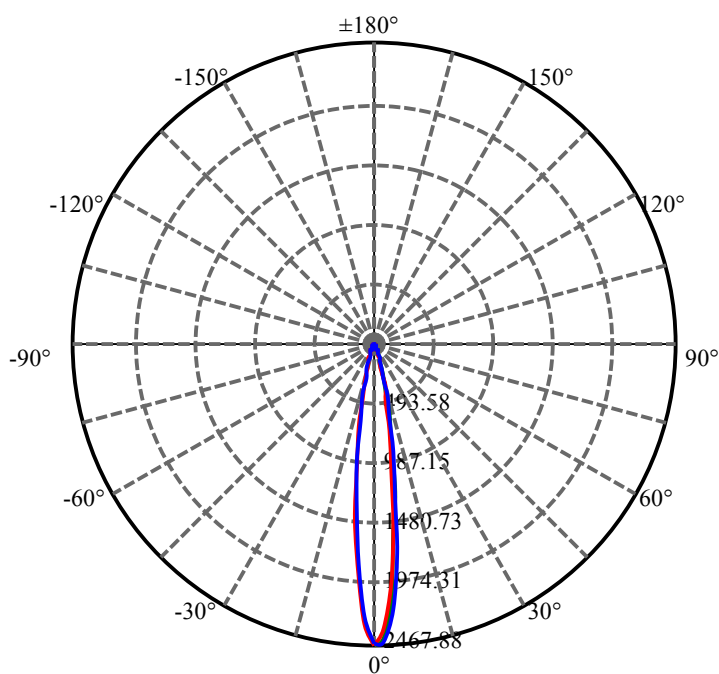
[C90/270]Total=32.5

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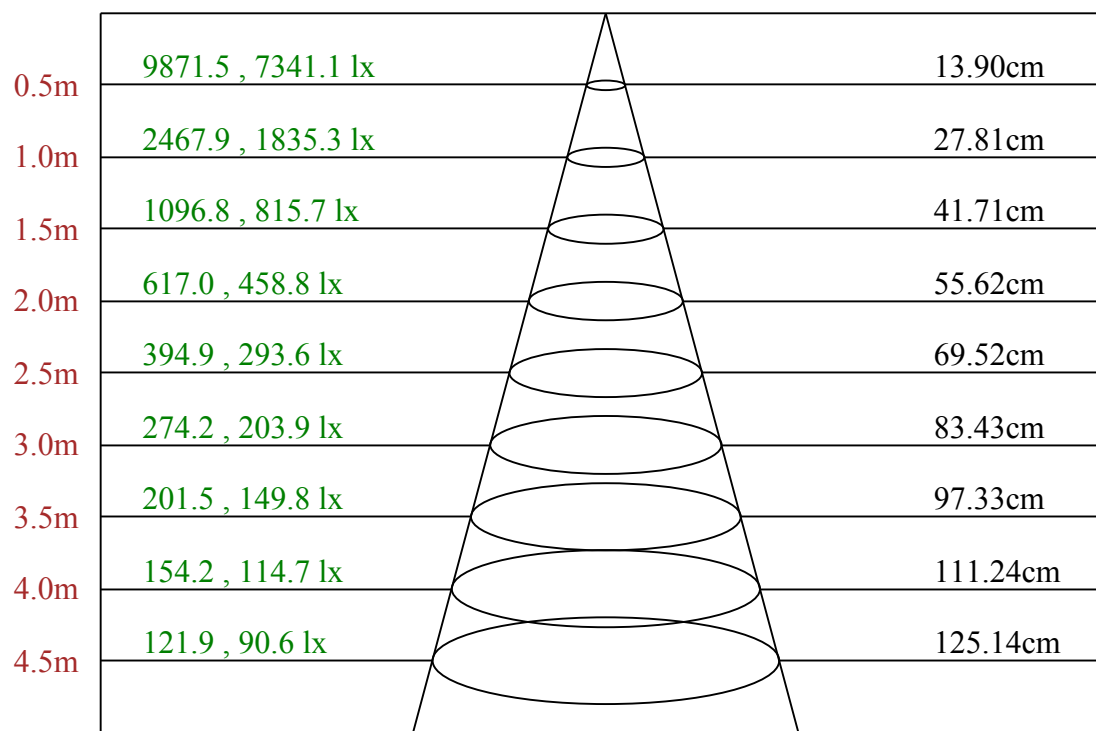
测试设备: GMS1800  
环境温度(°C): 25.0

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



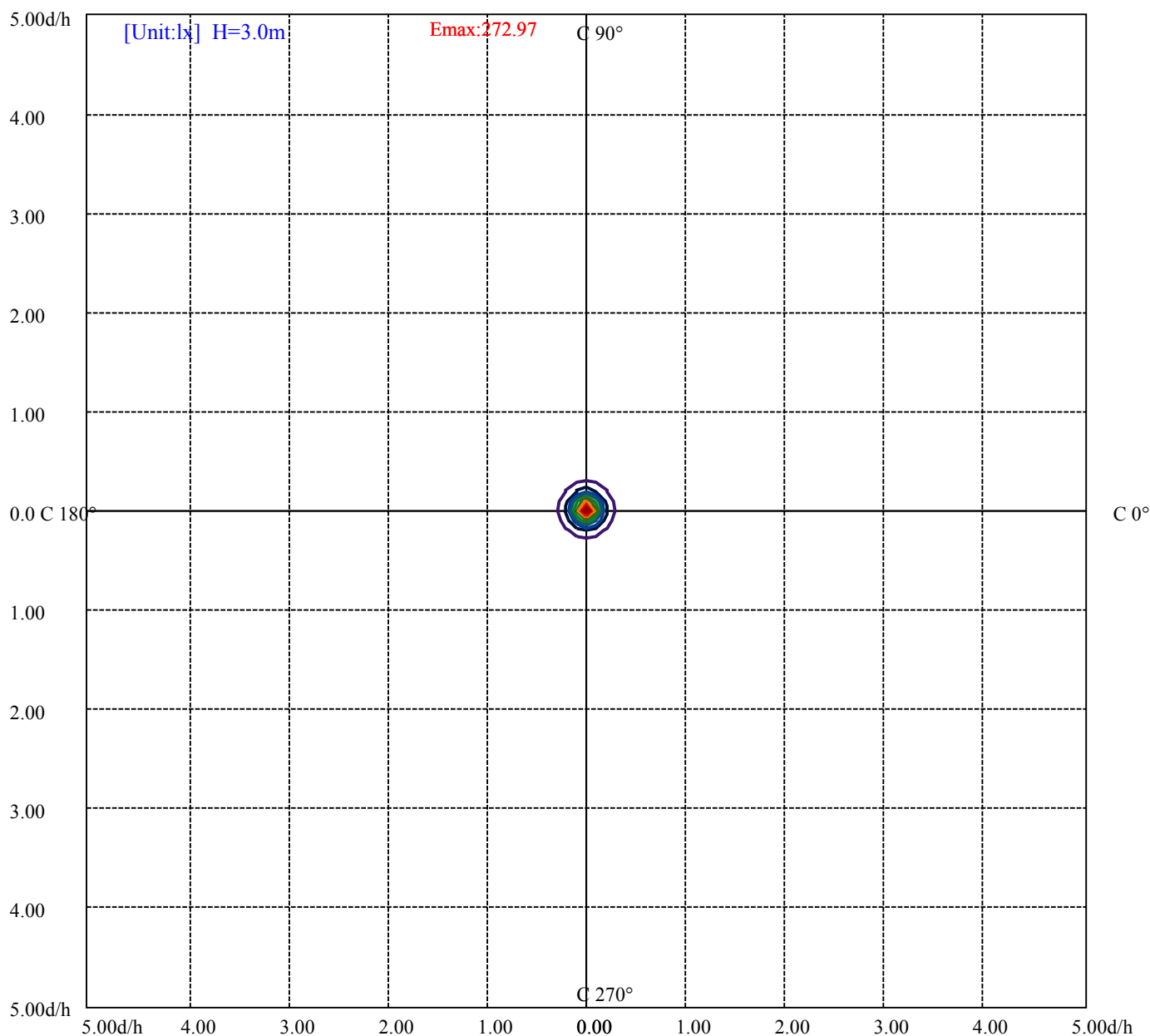
C120(Max): —  
C0/C180: —  
C90/C270: —



Max , Ave C120面光束角15.83

# ROLED 壁灯

## 平面等照度曲线



(10%Emax) 27.29722	——
(20%Emax) 54.59444	——
(30%Emax) 81.89167	——
(40%Emax) 109.1888	——
(50%Emax) 136.4855	——
(60%Emax) 163.7833	——
(70%Emax) 191.08	——
(80%Emax) 218.3778	——
(90%Emax) 245.6745	——

# 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

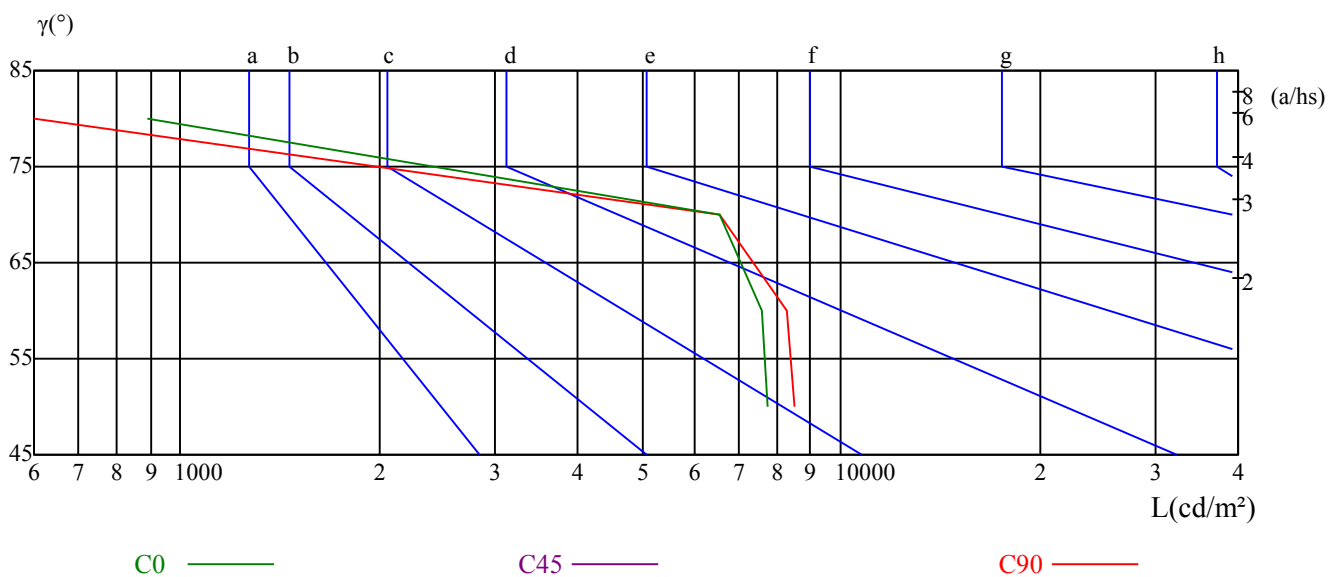
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	7742	0	7581	0	6559	0	891	0
C45	0	0	0	0	0	0	0	0	0
C90	0	8504	0	8303	0	6559	0	594	0

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	$\leq 300$				
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

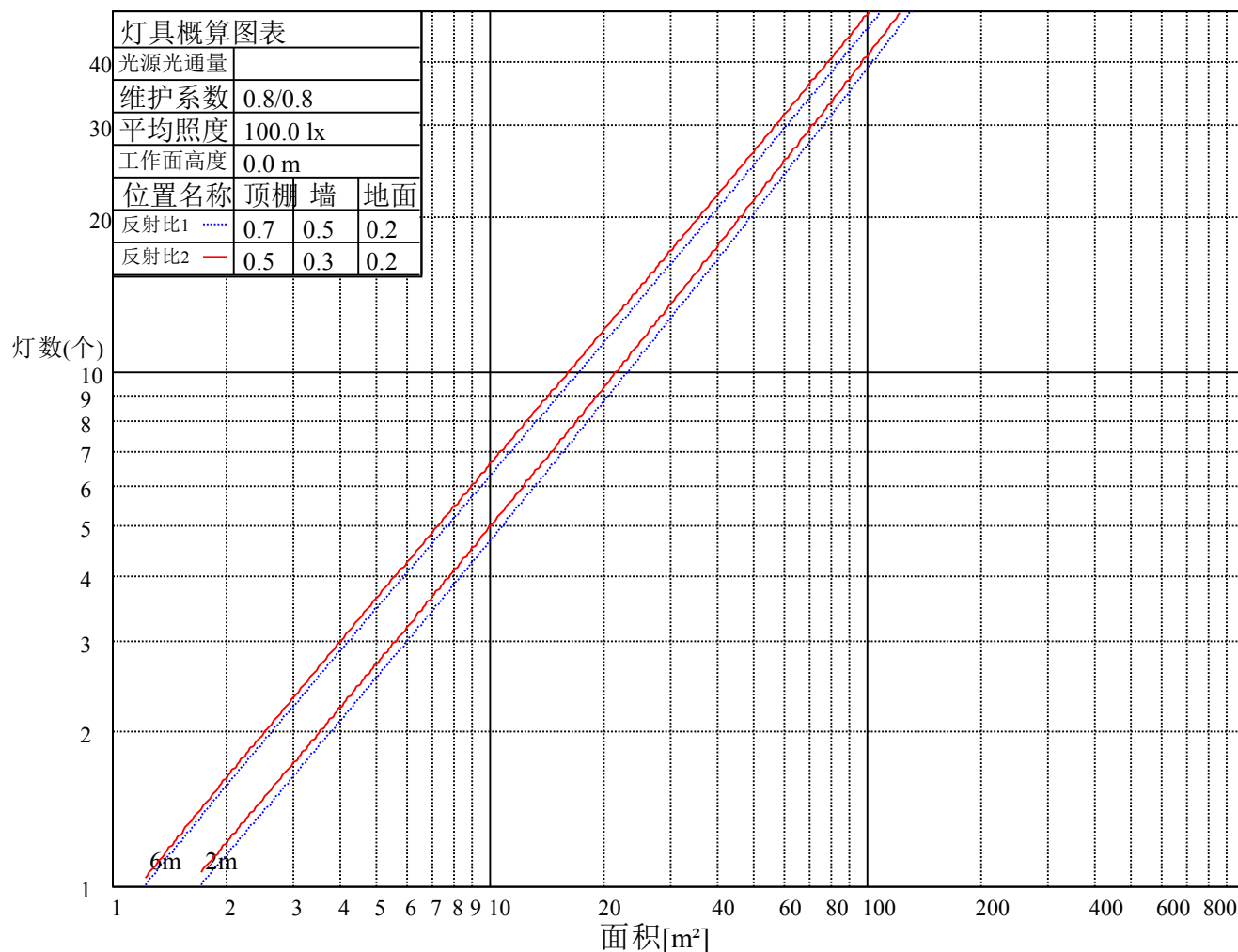


测试设备: GMS1800  
环境温度(°C): 25.0

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	19.30	20.35	19.66	20.66	20.98	19.10	20.16	19.47	20.47	20.78
	3H	20.73	21.66	21.11	21.99	22.36	20.80	21.74	21.19	22.07	22.44
	4H	20.93	21.80	21.34	22.15	22.54	21.13	22.00	21.54	22.35	22.74
	6H	20.90	21.69	21.32	22.07	22.46	21.14	21.93	21.55	22.30	22.70
	8H	20.85	21.60	21.29	21.99	22.40	21.09	21.83	21.52	22.23	22.63
	12H	20.81	21.52	21.24	21.90	22.34	21.04	21.75	21.47	22.13	22.56
4H	2H	19.86	20.73	20.27	21.08	21.47	19.71	20.58	20.12	20.93	21.32
	3H	21.41	22.12	21.82	22.52	22.93	21.53	22.23	21.94	22.64	23.05
	4H	21.64	22.28	22.08	22.70	23.15	21.89	22.52	22.33	22.95	23.39
	6H	21.63	22.17	22.10	22.62	23.10	21.91	22.45	22.38	22.90	23.38
	8H	21.58	22.08	22.05	22.53	23.00	21.85	22.36	22.33	22.81	23.28
	12H	21.53	21.97	22.02	22.45	22.93	21.80	22.24	22.29	22.73	23.20
8H	4H	21.70	22.20	22.17	22.65	23.12	21.92	22.42	22.40	22.87	23.35
	6H	21.70	22.09	22.20	22.60	23.08	21.95	22.35	22.46	22.85	23.34
	8H	21.65	22.01	22.18	22.53	23.02	21.90	22.26	22.43	22.78	23.27
	12H	22.46	22.77	22.98	23.26	23.84	22.66	22.97	23.18	23.47	24.04
12H	4H	21.65	22.08	22.14	22.57	23.05	21.87	22.30	22.36	22.79	23.27
	6H	21.96	22.00	22.18	22.47	23.02	22.22	22.25	22.43	22.72	23.27
	8H	21.63	21.93	22.15	22.43	23.01	21.87	22.18	22.39	22.67	23.25
对应照射距离，改变观察者位置S											
S = 1.0H	0.4/-0.4					0.4/-0.4					
S = 1.5H	1.1/-0.7					1.1/-0.8					
S = 2.0H	1.9/-1.2					1.4/-1.0					
标准表格	BK3					BK3					
更正系数	0.2					0.1					



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	1.03	1.02	1.01	0.99	0.98	0.97	0.97	0.95
2	1.05	1.02	0.99	1.04	1.00	0.98	1.00	0.98	0.96	0.97	0.95	0.93	0.95	0.93	0.92	0.90
3	1.00	0.96	0.92	0.98	0.95	0.91	0.96	0.93	0.90	0.94	0.91	0.89	0.91	0.89	0.87	0.86
4	0.95	0.91	0.87	0.94	0.90	0.87	0.92	0.88	0.86	0.90	0.87	0.85	0.88	0.86	0.84	0.82
5	0.91	0.86	0.83	0.90	0.86	0.83	0.89	0.85	0.82	0.87	0.84	0.81	0.86	0.83	0.81	0.79
6	0.88	0.83	0.80	0.87	0.83	0.79	0.86	0.82	0.79	0.84	0.81	0.78	0.83	0.80	0.78	0.77
7	0.85	0.80	0.77	0.84	0.80	0.77	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	0.82	0.77	0.74	0.81	0.77	0.74	0.80	0.76	0.74	0.79	0.76	0.73	0.72
9	0.80	0.75	0.72	0.79	0.75	0.72	0.78	0.75	0.72	0.78	0.74	0.72	0.77	0.74	0.71	0.70
10	0.78	0.73	0.70	0.77	0.73	0.70	0.76	0.73	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	2466.35	2335.13	1954.51	1491.78	1055.91	715.96	488.05	362.82	244.03
30.0	2454.07	2371.19	2048.89	1570.82	1144.92	783.49	543.30	389.83	266.36
60.0	2459.44	2375.80	2047.36	1512.57	1178.54	812.88	555.27	390.06	276.64
90.0	2448.70	2431.05	2176.28	1730.43	1294.56	899.36	626.95	430.50	303.04
120.0	2467.88	2401.12	2090.33	1515.34	1224.66	848.33	583.13	411.62	292.06
150.0	2461.74	2398.05	2074.98	1622.23	1189.43	814.95	568.63	389.83	283.16
180.0	2466.35	2295.22	1915.37	1450.57	1027.67	694.09	471.86	333.73	238.12
210.0	2454.07	2260.69	1839.40	1369.00	963.06	636.08	425.66	295.52	213.02
240.0	2459.44	2286.78	1896.19	1411.97	986.08	666.85	435.87	306.80	217.01
270.0	2448.70	2232.30	1819.45	1383.35	961.60	632.16	420.06	289.07	207.19
300.0	2467.88	2281.41	1890.81	1436.53	1009.10	672.99	445.85	316.16	224.30
330.0	2461.74	2253.78	1832.49	1366.31	963.90	642.22	443.24	311.25	222.00
360.0	2466.35	2335.13	1954.51	1491.78	1055.91	715.96	488.05	362.82	244.03
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	175.35	130.15	98.53	77.12	61.31	49.96	41.52	35.76	30.93
30.0	195.30	141.04	105.51	82.95	65.30	52.72	43.97	37.68	32.46
60.0	202.05	145.11	108.74	84.10	65.61	53.95	44.89	38.45	33.30
90.0	220.47	157.85	116.95	89.71	70.60	56.25	46.50	39.67	34.15
120.0	209.72	150.64	114.26	87.71	67.99	55.17	45.58	38.22	32.92
150.0	204.20	149.33	111.58	85.72	67.38	53.64	44.51	37.52	32.54
180.0	171.66	124.78	95.92	74.74	59.63	48.04	40.44	34.46	29.85
210.0	153.78	115.41	88.02	69.75	56.79	46.81	39.67	34.15	29.85
240.0	155.01	114.95	89.40	70.52	57.17	47.73	40.44	34.99	30.39
270.0	148.95	112.34	86.18	68.37	55.63	46.35	39.37	34.22	30.08
300.0	160.38	120.86	92.32	73.05	58.17	48.42	40.67	35.30	30.70
330.0	160.69	120.63	91.78	72.29	58.17	47.42	40.36	34.76	30.31
360.0	175.35	130.15	98.53	77.12	61.31	49.96	41.52	35.76	30.93
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	27.17	24.40	21.95	19.95	18.26	16.96	15.65	14.81	13.89
30.0	28.39	25.32	22.87	20.80	19.11	17.73	16.65	15.58	14.73
60.0	29.01	25.78	23.17	21.03	19.26	17.96	16.81	15.88	14.96
90.0	30.16	26.63	24.02	21.95	20.03	18.49	17.27	16.27	15.27
120.0	29.01	25.71	23.17	20.95	19.26	17.88	16.73	15.73	14.89
150.0	28.39	25.17	22.64	20.64	19.03	17.50	16.35	15.42	14.66
180.0	26.40	23.48	21.26	19.34	17.80	16.42	15.42	14.58	13.66
210.0	26.40	23.48	21.26	19.49	18.03	16.81	15.88	14.96	14.12
240.0	26.93	24.02	21.79	19.88	18.49	17.27	16.11	15.27	14.35
270.0	26.70	24.33	22.10	20.41	18.80	17.57	16.42	15.42	14.66
300.0	27.01	24.25	21.87	20.03	18.57	17.34	16.27	15.35	14.58
330.0	26.78	24.10	21.72	19.95	18.57	17.27	16.19	15.19	14.43
360.0	27.17	24.40	21.95	19.95	18.26	16.96	15.65	14.81	13.89
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	13.28	12.51	11.82	11.28	10.59	9.82	8.98	7.98	6.68
30.0	13.97	13.20	12.58	12.05	11.36	10.59	9.75	8.82	7.44
60.0	14.27	13.43	12.82	12.20	11.43	10.44	9.21	8.06	6.75
90.0	14.43	13.58	13.05	12.35	11.59	10.51	9.13	8.06	6.68
120.0	14.04	13.35	12.66	11.97	11.28	10.36	9.13	7.90	6.60
150.0	13.81	13.20	12.51	11.89	11.13	10.51	9.67	8.59	7.29
180.0	13.12	12.43	11.89	11.20	10.59	9.90	8.90	7.90	6.75
210.0	13.43	12.82	12.12	11.51	10.82	9.82	8.82	7.60	6.45
240.0	13.66	12.89	12.20	11.51	10.82	9.82	8.75	7.52	6.14
270.0	13.74	13.05	12.35	11.74	10.97	9.67	8.44	6.68	5.14
300.0	13.74	12.97	12.20	11.59	10.90	10.05	8.82	7.60	6.29
330.0	13.81	12.97	12.35	11.82	11.13	10.13	8.98	7.75	6.60
360.0	13.28	12.51	11.82	11.28	10.59	9.82	8.98	7.98	6.68

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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	5.45	4.22	2.76	1.61	0.46	0.23	0.15	0.08	0.00
30.0	5.53	3.99	2.76	2.07	0.84	0.54	0.46	0.46	0.31
60.0	5.45	3.76	2.46	1.15	0.54	0.38	0.31	0.23	0.15
90.0	5.29	3.84	1.84	0.61	0.31	0.23	0.23	0.08	0.00
120.0	5.37	3.68	2.46	1.00	0.54	0.38	0.31	0.31	0.15
150.0	5.45	3.84	2.61	1.84	0.77	0.46	0.31	0.31	0.31
180.0	5.45	3.84	2.53	1.46	0.46	0.23	0.08	0.00	0.08
210.0	5.37	4.14	2.76	1.23	0.54	0.46	0.46	0.54	0.46
240.0	4.60	3.53	2.46	1.61	0.92	0.84	0.69	0.61	0.54
270.0	3.68	2.61	1.92	0.92	0.46	0.38	0.31	0.23	0.08
300.0	4.60	3.45	2.53	1.69	1.07	1.00	1.00	1.00	1.00
330.0	5.53	4.45	3.07	1.53	0.84	0.69	0.69	0.69	0.77
360.0	5.45	4.22	2.76	1.61	0.46	0.23	0.15	0.08	0.00

C/γ(°)	90.0
0.0	0.00
30.0	0.23
60.0	0.08
90.0	0.00
120.0	0.08
150.0	0.23
180.0	0.00
210.0	0.46
240.0	0.46
270.0	0.08
300.0	1.07
330.0	0.92
360.0	0.00