

浙大三色

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ROLED

灯具名称: 投光灯

灯具描述: F3483S6-48-24DC (15-OL-48WN-AA, L1000.C.CT)

报告编号:

电压(V): 24.0000

测试编号: 20210402004

电流(A): 1.9150

光源规格型号: OD

功率(W): 46.0000

每个光源光通量(lm)

功率因数: 1.0240

光源数量: 48

镇流器型号:

发光面长度(mm): 987

发光面宽度(mm): 72

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 4528.97

灯具效能(lm/w): 98.46

中心光强(cd): 30764.100

最大光强(cd): 31270.570

最大光强角度: C=30.0 $\gamma=0.0$

半峰边角(50%Imax): [C0/180]Total=16.0

[C90/270]Total=16.2

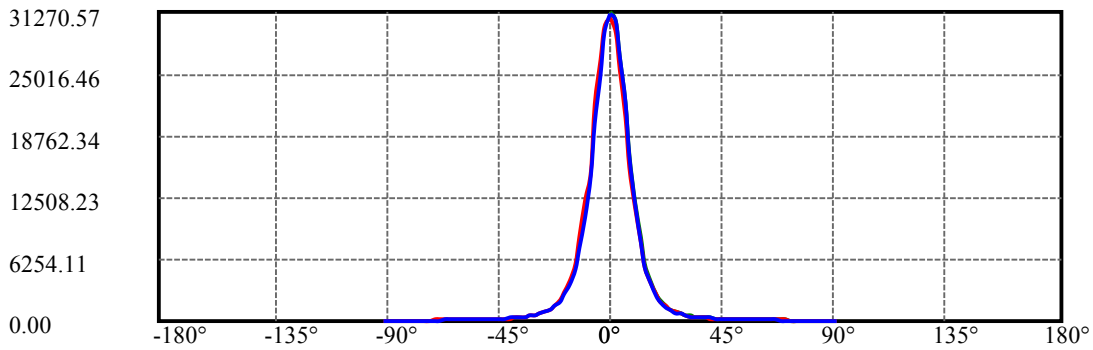
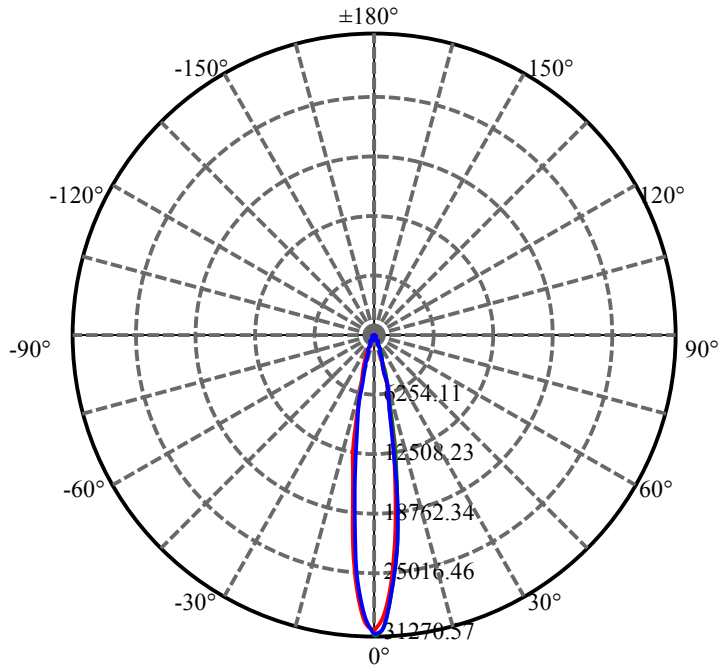
光束扩散角(10%Imax): [C0/180]Total=35.1

[C90/270]Total=34.4

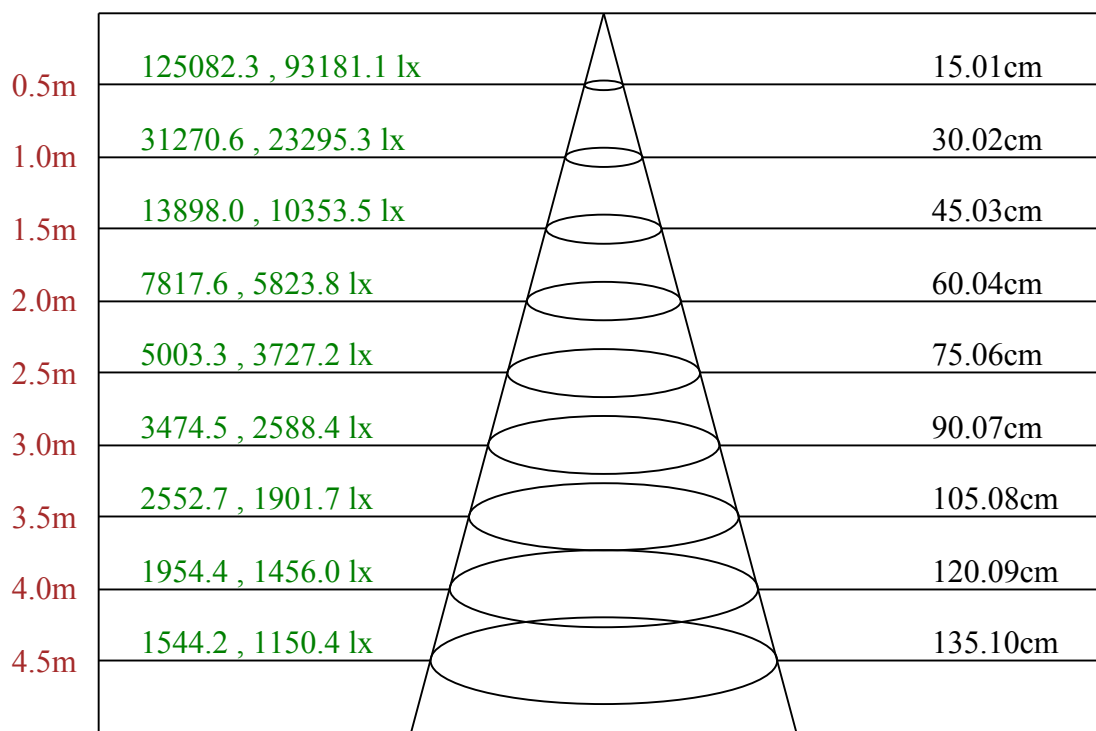
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/4/2
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

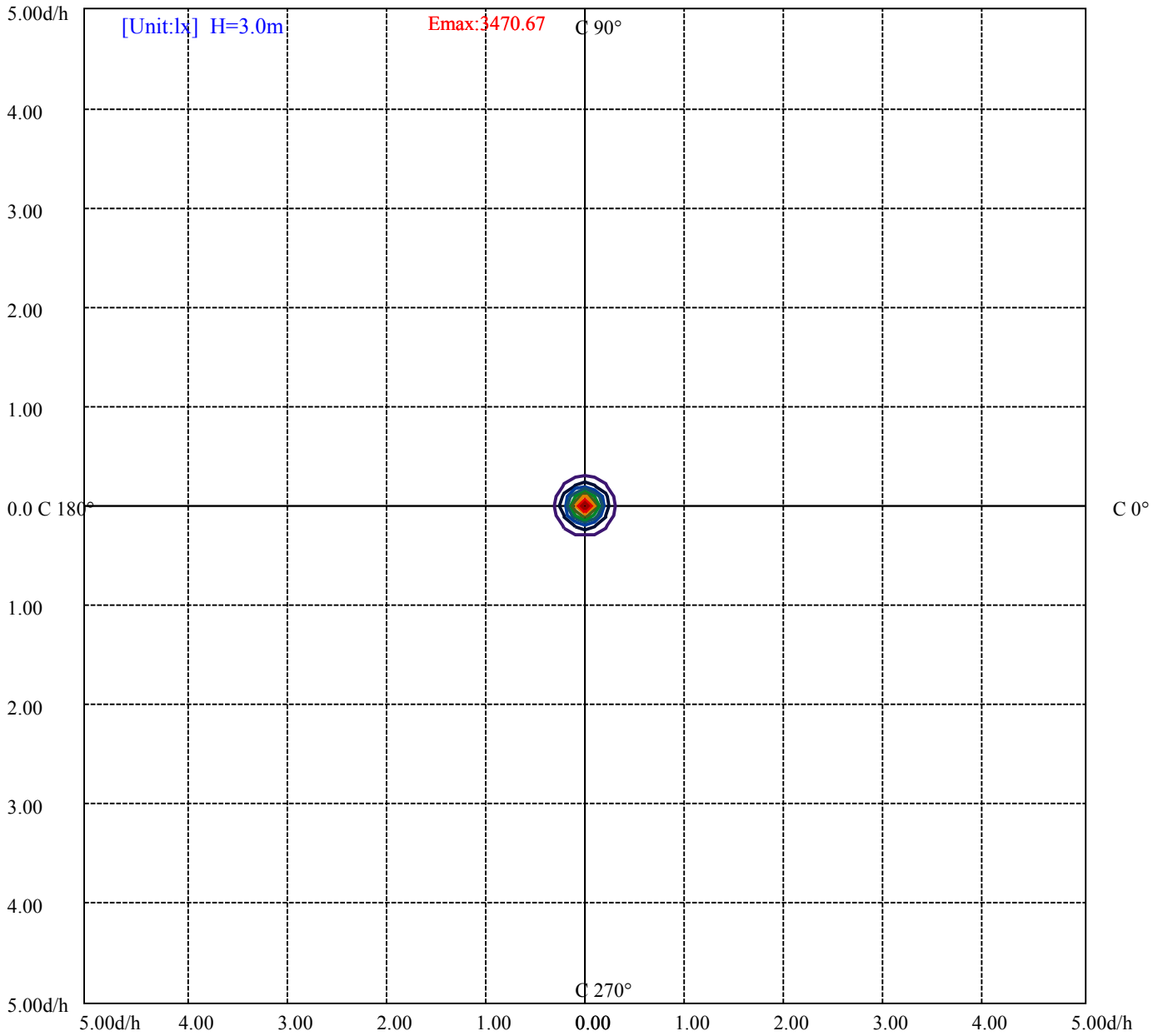


C30(Max): ——
C0/C180: ——
C90/C270: ——



Max , Ave C30面光束角17.07

ROLED 投光灯
平面等照度曲线



- (10%Emax) 347.0656
- (20%Emax) 694.1322
- (30%Emax) 1041.198
- (40%Emax) 1388.267
- (50%Emax) 1735.333
- (60%Emax) 2082.4
- (70%Emax) 2429.467
- (80%Emax) 2776.533
- (90%Emax) 3123.589

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ROLED 投光灯

灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

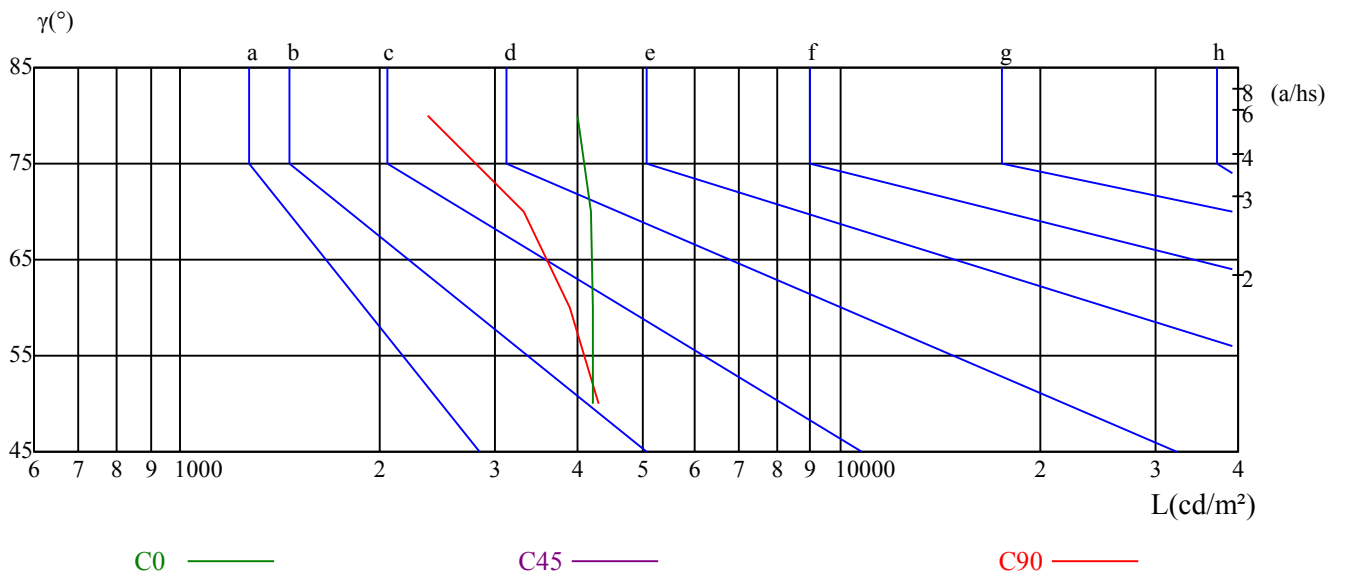
γ	45	50	55	60	65	70	75	80	85
C0	0	4205	0	4205	0	4196	0	3999	0
C45	0	0	0	0	0	0	0	0	0
C90	0	4302	0	3900	0	3318	0	2375	0

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

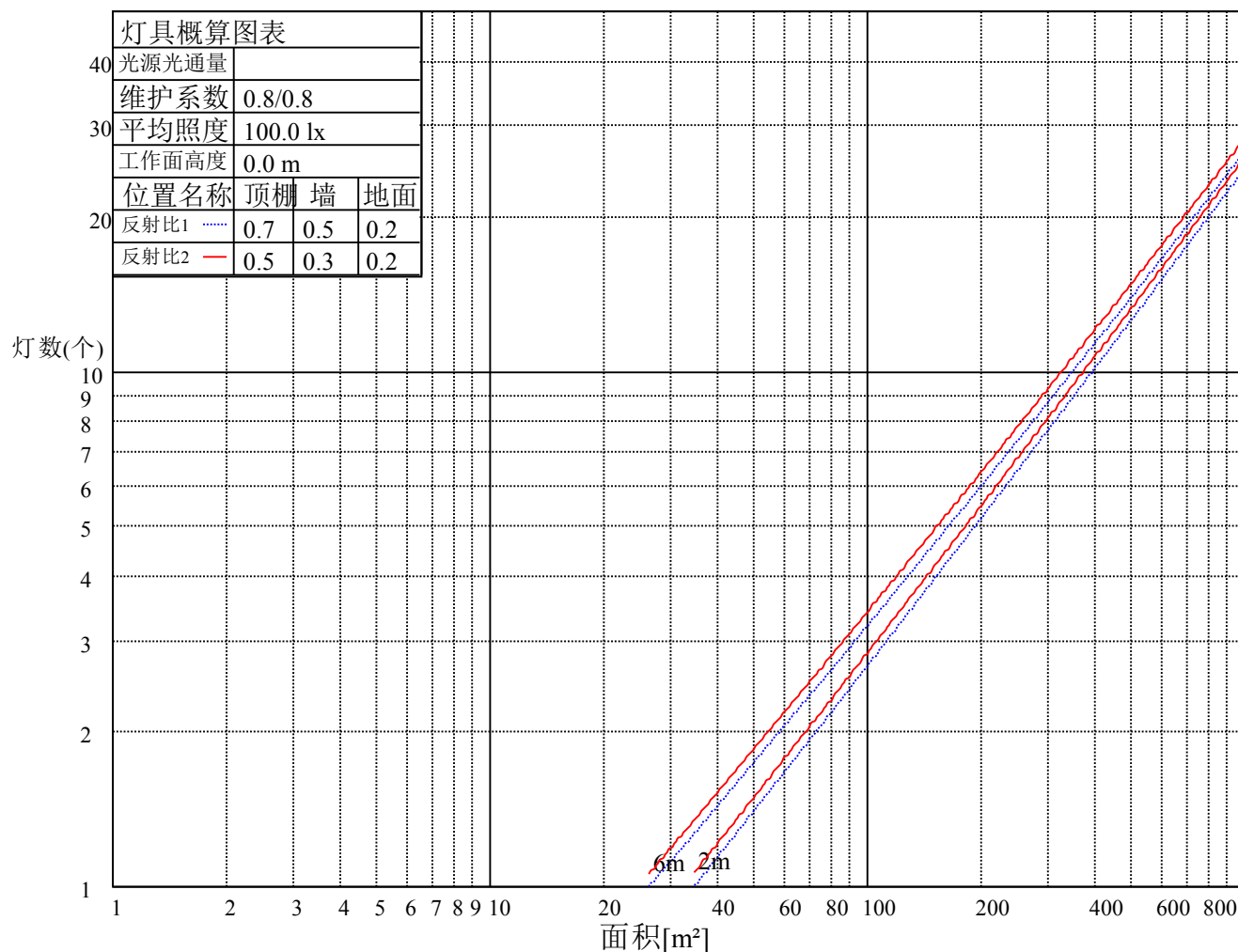
亮度限制曲线



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	7.16	8.21	7.52	8.52	8.83	7.52	8.57	7.88	8.88	9.20
	3H	8.64	9.57	9.02	9.91	10.27	9.54	10.47	9.92	10.80	11.17
	4H	9.17	10.04	9.58	10.39	10.78	10.30	11.17	10.71	11.52	11.91
	6H	9.44	10.23	9.85	10.60	11.00	10.89	11.68	11.30	12.05	12.45
	8H	9.48	10.22	9.91	10.62	11.02	11.09	11.83	11.52	12.22	12.63
	12H	9.53	10.24	9.97	10.63	11.06	11.33	12.04	11.76	12.42	12.85
4H	2H	7.79	8.65	8.19	9.00	9.39	8.07	8.93	8.47	9.29	9.67
	3H	9.43	10.14	9.84	10.55	10.95	10.32	11.03	10.74	11.44	11.85
	4H	10.04	10.68	10.48	11.10	11.55	11.19	11.83	11.63	12.25	12.70
	6H	10.33	10.87	10.80	11.32	11.79	11.76	12.31	12.23	12.76	13.23
	8H	10.39	10.90	10.86	11.35	11.82	12.00	12.51	12.48	12.96	13.43
	12H	10.45	10.89	10.94	11.37	11.85	12.24	12.68	12.73	13.17	13.65
8H	4H	10.33	10.84	10.80	11.29	11.76	11.34	11.85	11.82	12.30	12.77
	6H	10.71	11.11	11.21	11.61	12.10	12.02	12.43	12.53	12.93	13.41
	8H	10.82	11.17	11.35	11.70	12.19	12.32	12.68	12.85	13.20	13.70
	12H	11.44	11.75	11.96	12.25	12.83	13.06	13.37	13.58	13.87	14.45
12H	4H	10.34	10.78	10.83	11.26	11.74	11.31	11.75	11.80	12.24	12.72
	6H	11.07	11.10	11.28	11.57	12.12	12.34	12.37	12.55	12.84	13.39
	8H	10.89	11.20	11.41	11.70	12.28	12.35	12.66	12.87	13.16	13.74
对应照射距离，改变观察者位置S											
S = 1.0H	0.2/-0.5					0.2/-0.7					
S = 1.5H	0.8/-0.7					0.7/-0.6					
S = 2.0H	1.4/-0.9					0.7/-0.7					
标准表格	BK3					BK3					
更正系数	-2.4					-1.5					

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灯具的概算曲线



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	1.09	1.07	1.06	1.05	1.04	1.02	1.02	1.00	0.99	0.98	0.97	0.96	0.95
2	1.05	1.02	0.99	1.03	1.00	0.97	1.00	0.98	0.95	0.97	0.95	0.93	0.95	0.93	0.91	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	0.88	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	0.85	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	0.80	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)

附页 第9页 共10页

C/γ(°)	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0
0.0	30764.10	29137.27	25530.60	20588.70	15616.10	11364.84	7911.65	5486.74	3936.64
30.0	31270.57	30265.31	26766.07	22085.08	16874.60	12086.17	8510.20	5801.36	4051.75
60.0	31201.51	29804.88	25983.35	21210.27	15303.01	11350.26	7748.96	5216.62	3566.76
90.0	31078.73	30219.27	26796.77	22077.41	16759.49	11848.29	8019.08	5379.31	3951.99
120.0	31040.36	29919.99	26328.67	21386.77	15177.93	11434.67	7940.04	5327.89	3629.69
150.0	30810.15	30173.22	27003.96	22261.58	17296.66	12408.47	8709.72	5939.49	4044.07
180.0	30764.10	29774.19	26382.39	21893.24	15161.82	12195.91	8533.22	5862.75	4057.12
210.0	31270.57	29536.30	25737.79	20680.78	15153.37	11173.76	7841.82	5440.70	3882.92
240.0	31201.51	29766.52	26090.78	20949.36	16015.14	11441.58	8011.41	5624.87	3944.31
270.0	31078.73	29175.64	24924.37	19990.14	14787.34	10471.61	7346.09	5224.30	3681.10
300.0	31040.36	29490.26	25515.25	20642.41	15562.39	11096.26	7788.87	5463.72	3905.94
330.0	30810.15	28922.40	24832.29	19859.69	15030.59	10725.61	7676.06	5246.55	3752.47
360.0	30764.10	29137.27	25530.60	20588.70	15616.10	11364.84	7911.65	5486.74	3936.64
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	2728.79	1982.90	1487.17	1132.65	884.02	699.85	573.23	481.91	409.01
30.0	2793.25	2048.89	1517.87	1173.32	916.25	729.77	600.86	501.10	425.13
60.0	2525.43	1857.05	1400.77	1096.04	860.69	690.33	568.78	481.61	411.93
90.0	2613.68	1919.97	1433.46	1103.49	866.37	702.15	576.30	484.21	417.45
120.0	2565.34	1857.82	1422.10	1098.88	871.89	698.31	573.61	480.07	413.00
150.0	2892.24	2087.26	1547.03	1183.29	933.90	742.82	610.06	507.24	430.50
180.0	2926.00	2108.75	1524.78	1209.61	936.74	741.67	609.14	505.32	427.35
210.0	2786.34	2025.87	1524.47	1182.30	928.37	737.06	602.85	501.56	430.11
240.0	2875.36	2103.38	1590.00	1211.69	943.11	748.19	617.74	514.91	435.87
270.0	2681.98	1962.18	1500.99	1151.83	898.60	720.57	594.56	502.86	429.96
300.0	2800.16	2084.19	1553.94	1186.36	923.92	742.05	605.46	504.93	431.27
330.0	2696.56	1995.94	1498.07	1147.99	902.97	716.96	586.97	488.59	419.68
360.0	2728.79	1982.90	1487.17	1132.65	884.02	699.85	573.23	481.91	409.01
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	358.90	316.47	281.70	255.54	235.12	217.17	203.20	192.07	181.94
30.0	378.55	327.59	292.45	266.66	245.10	227.76	214.33	202.05	191.92
60.0	362.05	320.07	287.00	262.75	242.18	224.84	210.34	198.06	186.93
90.0	366.58	325.21	294.44	267.66	245.25	226.99	210.26	196.52	183.56
120.0	359.44	317.54	286.54	261.21	241.72	223.46	209.26	196.29	185.40
150.0	387.52	330.20	294.44	267.05	246.10	228.14	214.10	200.82	191.00
180.0	371.79	325.60	290.76	260.83	239.19	220.70	205.66	193.99	183.71
210.0	372.71	326.37	292.75	265.82	245.02	226.91	213.87	202.20	192.69
240.0	388.29	334.96	299.05	269.96	248.78	230.14	215.71	203.05	192.07
270.0	377.86	333.35	298.66	270.50	247.48	227.60	211.49	197.83	185.24
300.0	389.06	331.20	294.52	267.20	245.48	227.91	212.95	200.29	189.70
330.0	364.66	322.68	288.46	262.29	241.03	224.92	211.11	199.44	190.31
360.0	358.90	316.47	281.70	255.54	235.12	217.17	203.20	192.07	181.94
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	173.73	165.45	157.62	149.41	140.97	131.22	121.94	112.50	101.98
30.0	182.56	174.19	166.06	158.00	149.87	140.35	129.99	119.10	108.35
60.0	176.42	165.75	155.78	145.42	133.98	121.71	108.51	97.53	84.49
90.0	171.20	159.69	149.10	138.59	127.46	116.95	105.44	93.01	80.65
120.0	174.88	164.30	154.24	143.73	132.37	119.79	107.43	96.15	83.95
150.0	181.56	173.35	165.45	157.47	149.10	139.66	129.38	118.48	107.74
180.0	175.42	167.06	159.54	151.33	143.12	133.83	124.31	115.03	104.67
210.0	184.25	175.73	168.29	160.07	150.71	140.89	130.68	118.94	107.05
240.0	182.10	171.59	160.61	150.10	137.90	122.17	107.89	96.15	83.26
270.0	173.58	162.68	150.41	137.90	124.08	112.80	100.37	88.09	75.82
300.0	179.34	168.98	158.16	147.95	134.98	120.48	105.97	94.00	81.80
330.0	181.33	172.89	165.45	157.24	147.80	137.90	127.54	115.80	104.52
360.0	173.73	165.45	157.62	149.41	140.97	131.22	121.94	112.50	101.98

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测试人员: anpeilou
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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	91.55	80.88	70.75	59.86	49.34	38.29	26.86	15.04	3.99
30.0	96.00	83.34	67.30	53.26	40.44	30.16	19.95	6.83	3.15
60.0	72.21	59.32	51.18	42.82	32.38	17.65	12.20	7.14	5.22
90.0	69.98	62.23	53.64	43.89	29.31	18.57	13.89	8.36	6.45
120.0	72.06	59.63	51.49	42.82	33.07	17.65	12.28	7.52	5.45
150.0	95.62	82.34	67.22	53.49	41.52	30.85	20.72	7.21	3.45
180.0	94.16	83.57	73.51	62.85	52.03	41.59	29.93	18.49	6.60
210.0	95.00	79.35	62.39	48.65	36.53	26.24	13.81	5.14	2.69
240.0	70.60	58.55	50.80	40.98	26.32	13.89	9.82	5.99	3.15
270.0	66.30	57.78	47.88	32.23	18.72	14.58	9.06	6.91	2.92
300.0	68.83	57.40	49.11	40.06	24.94	13.81	9.59	5.99	3.07
330.0	92.01	76.12	59.47	47.19	35.15	25.55	12.05	4.91	2.46
360.0	91.55	80.88	70.75	59.86	49.34	38.29	26.86	15.04	3.99
C/γ(°)	90.0								
0.0	0.38								
30.0	1.00								
60.0	1.15								
90.0	1.53								
120.0	1.23								
150.0	1.23								
180.0	0.46								
210.0	0.31								
240.0	0.23								
270.0	0.23								
300.0	0.23								
330.0	0.31								
360.0	0.38								