

浙大三色

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ROLED

灯具名称: 投光灯

灯具描述: F3623A-24-24DC(10-OL-24WN-AA,L1000mm, C,CT)

报告编号:

电压(V): 24.1000

测试编号: 20210425001

电流(A): 1.0410

光源规格型号: OL

功率(W): 25.1000

每个光源光通量(lm)

功率因数: 1.0240

光源数量: 24

镇流器型号:

发光面长度(mm): 990

发光面宽度(mm): 35

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 2466.53

灯具效能(lm/w): 98.27

中心光强(cd): 24249.080

最大光强(cd): 24425.580

最大光强角度: C=90.0 γ =0.0

半峰边角(50%Imax): [C0/180]Total=11.2

[C90/270]Total=10.3

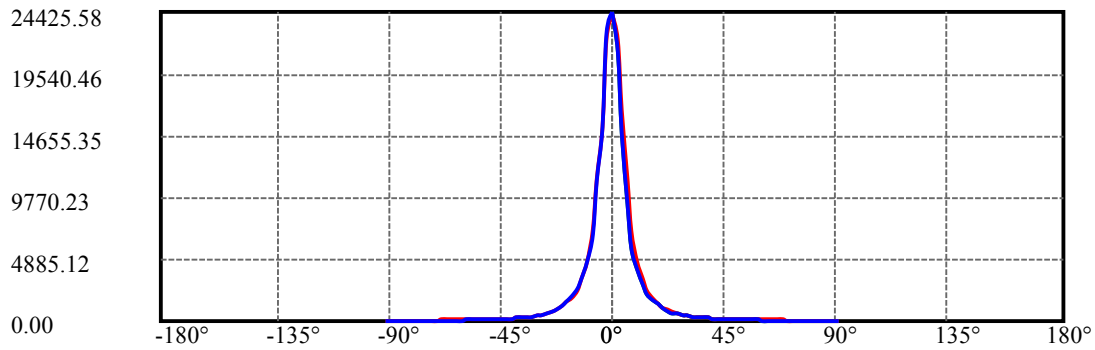
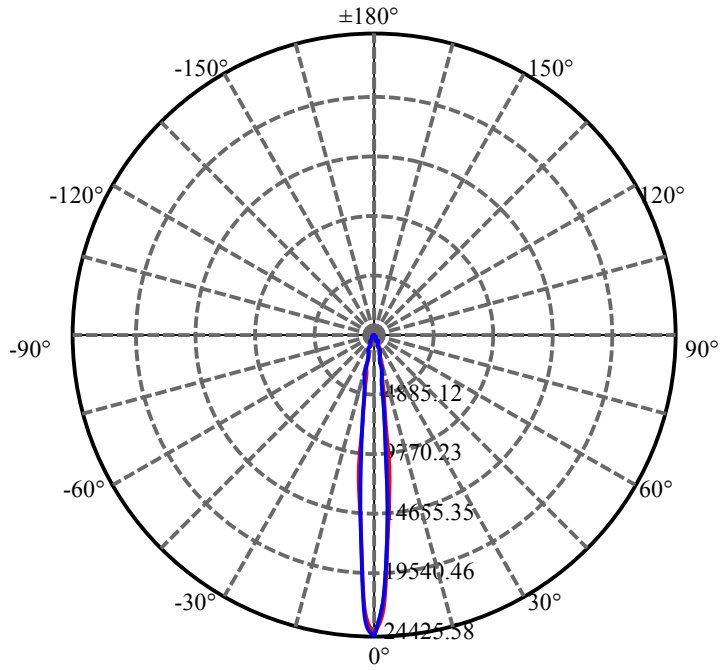
光束扩散角(10%Imax): [C0/180]Total=28.4

[C90/270]Total=27.6

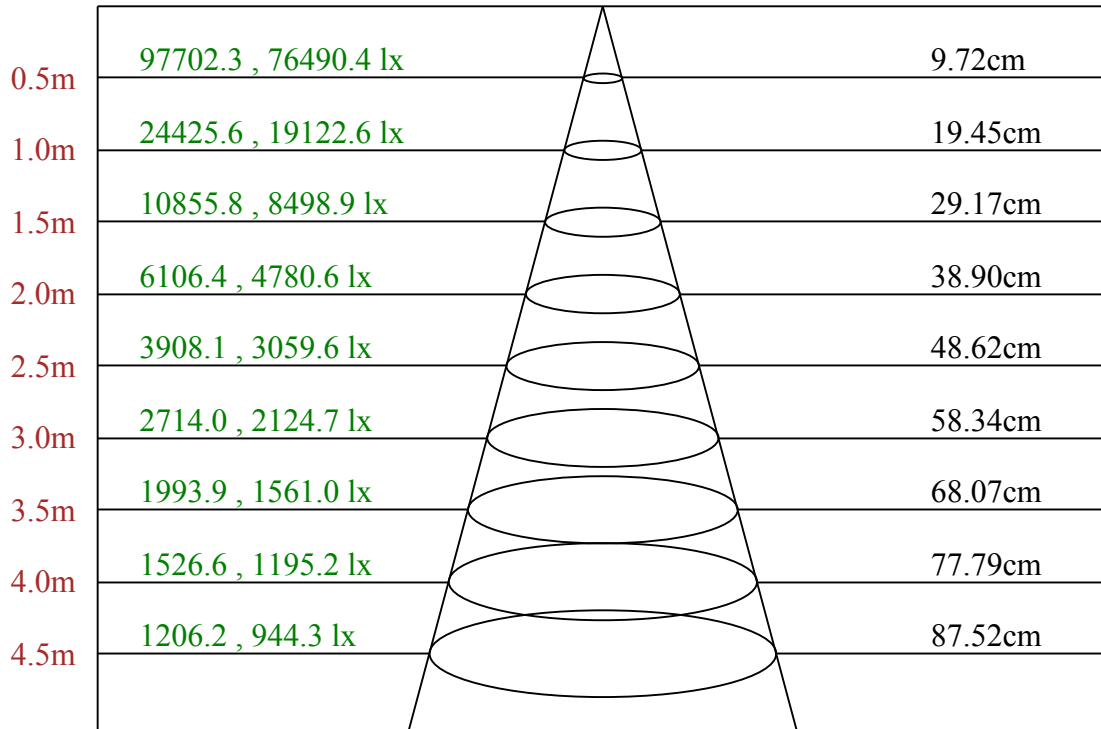
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/4/25
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

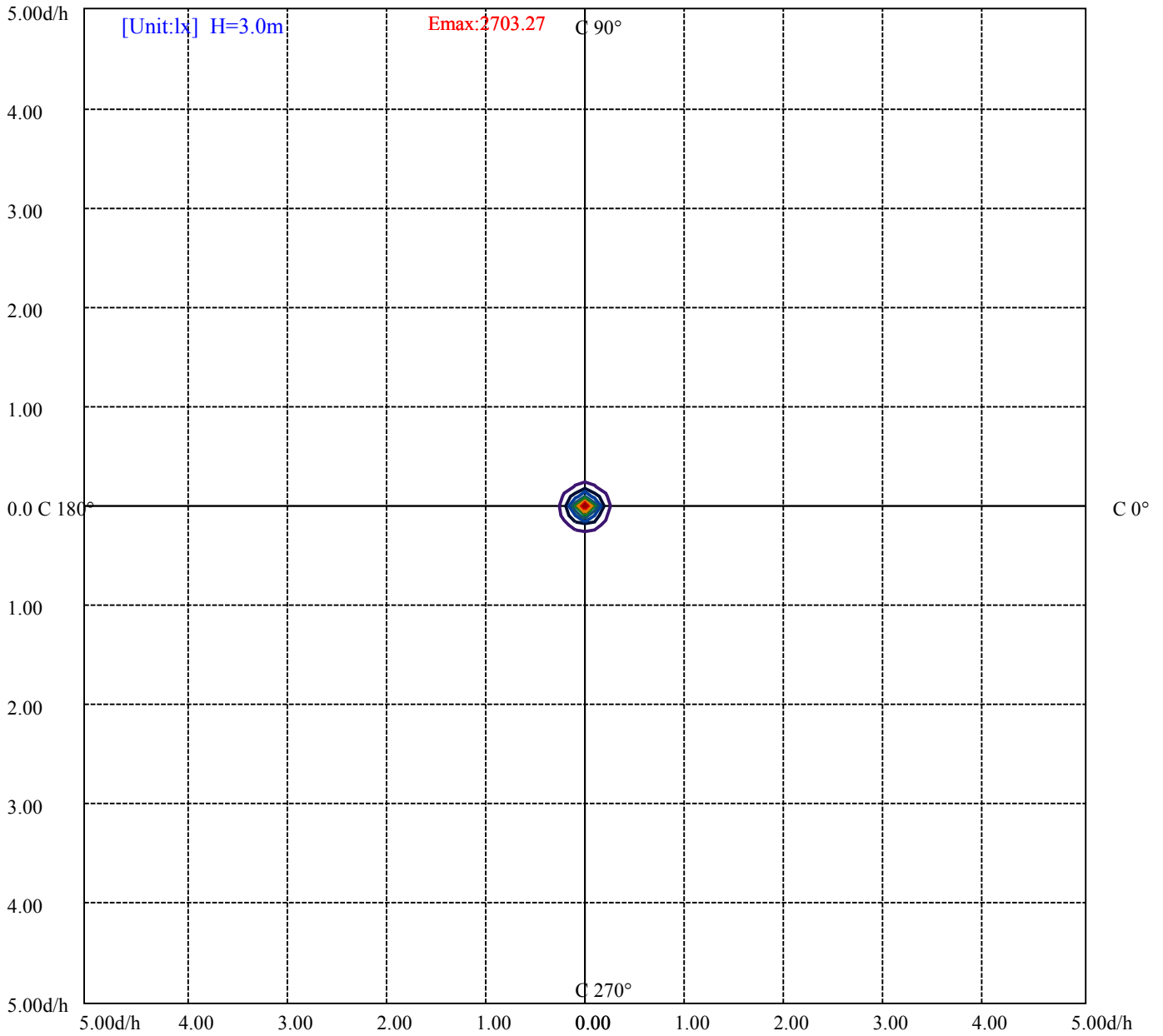


C90(Max): —
C0/C180: —
C90/C270: —



Max , Ave C90面光束角11.11

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平面等照度曲线



- (10%Emax) 270.3267
- (20%Emax) 540.6533
- (30%Emax) 810.98
- (40%Emax) 1081.307
- (50%Emax) 1351.633
- (60%Emax) 1621.956
- (70%Emax) 1892.289
- (80%Emax) 2162.611
- (90%Emax) 2432.944

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灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

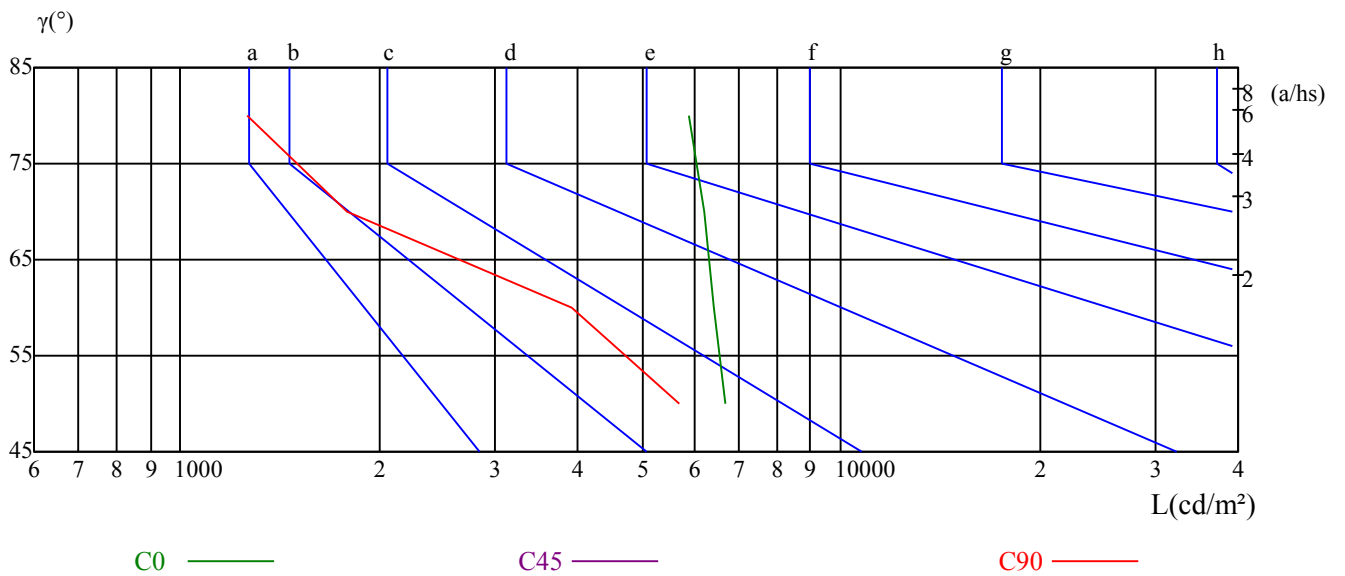
γ	45	50	55	60	65	70	75	80	85
C0	0	6691	0	6418	0	6216	0	5892	0
C45	0	0	0	0	0	0	0	0	0
C90	0	5681	0	3907	0	1794	0	1263	0

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

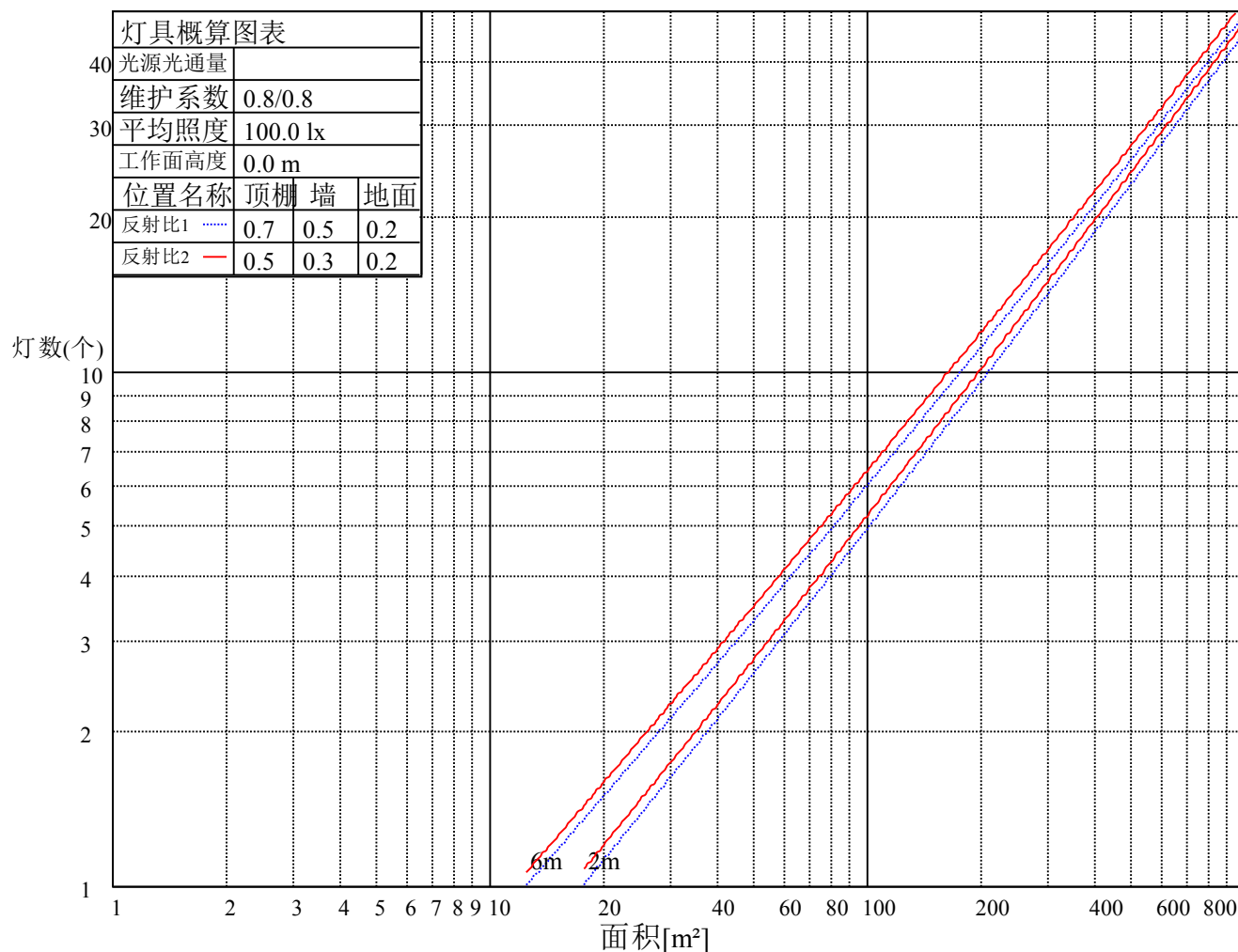
眩光等级表

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	10.01	11.09	10.38	11.40	11.72	11.99	13.07	12.36	13.38	13.69
	3H	10.58	11.53	10.96	11.86	12.23	13.78	14.73	14.16	15.06	15.43
	4H	10.70	11.59	11.11	11.94	12.33	14.42	15.30	14.83	15.66	16.05
	6H	10.76	11.57	11.17	11.94	12.34	14.91	15.72	15.33	16.09	16.49
	8H	10.76	11.53	11.20	11.92	12.33	15.08	15.85	15.52	16.24	16.65
	12H	10.82	11.55	11.26	11.93	12.36	15.30	16.03	15.74	16.42	16.85
4H	2H	10.63	11.52	11.04	11.87	12.26	12.24	13.13	12.65	13.48	13.87
	3H	11.26	11.98	11.67	12.39	12.80	14.22	14.94	14.63	15.35	15.75
	4H	11.40	12.05	11.84	12.47	12.92	14.90	15.55	15.34	15.97	16.42
	6H	11.46	12.02	11.93	12.47	12.94	15.38	15.93	15.85	16.38	16.86
	8H	11.48	12.00	11.96	12.45	12.92	15.58	16.10	16.06	16.55	17.02
	12H	11.55	12.00	12.04	12.49	12.96	15.82	16.27	16.31	16.76	17.24
8H	4H	11.59	12.11	12.07	12.56	13.03	14.83	15.35	15.30	15.80	16.27
	6H	11.69	12.10	12.19	12.60	13.08	15.32	15.73	15.83	16.23	16.72
	8H	11.74	12.10	12.27	12.62	13.12	15.55	15.92	16.08	16.44	16.93
	12H	12.45	12.76	12.97	13.26	13.84	16.40	16.72	16.92	17.21	17.79
12H	4H	11.57	12.02	12.06	12.51	12.98	14.78	15.22	15.27	15.71	16.19
	6H	12.02	12.04	12.20	12.51	13.06	15.61	15.63	15.80	16.10	16.65
	8H	11.75	12.07	12.27	12.57	13.14	15.52	15.83	16.04	16.33	16.91
对应照射距离，改变观察者位置S											
S = 1.0H	0.4/-0.9					0.2/-0.6					
S = 1.5H	0.9/-1.8					0.9/-0.7					
S = 2.0H	3.2/-3.2					1.3/-0.8					
标准表格	BK2					BK2					
更正系数	-2.9					-0.2					



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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	1.04	1.02	1.01	1.00	0.99	0.98	0.97	0.96	0.94
2	1.05	1.01	0.98	1.03	1.00	0.97	1.00	0.97	0.95	0.97	0.95	0.93	0.94	0.92	0.91	0.89
3	0.99	0.94	0.91	0.97	0.93	0.90	0.95	0.92	0.89	0.93	0.90	0.87	0.90	0.88	0.86	0.85
4	0.94	0.89	0.85	0.93	0.88	0.85	0.91	0.87	0.84	0.89	0.86	0.83	0.87	0.84	0.82	0.81
5	0.90	0.85	0.81	0.89	0.84	0.81	0.87	0.83	0.80	0.86	0.82	0.79	0.84	0.81	0.79	0.77
6	0.86	0.81	0.78	0.85	0.81	0.77	0.84	0.80	0.77	0.83	0.79	0.76	0.81	0.78	0.76	0.75
7	0.83	0.78	0.74	0.82	0.78	0.74	0.81	0.77	0.74	0.80	0.76	0.74	0.79	0.76	0.73	0.72
8	0.80	0.75	0.72	0.80	0.75	0.72	0.79	0.74	0.71	0.78	0.74	0.71	0.77	0.73	0.71	0.70
9	0.78	0.73	0.70	0.77	0.73	0.70	0.76	0.72	0.69	0.75	0.72	0.69	0.75	0.71	0.69	0.68
10	0.75	0.71	0.68	0.75	0.71	0.68	0.74	0.70	0.67	0.73	0.70	0.67	0.73	0.69	0.67	0.66

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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	24249.08	22077.41	16667.41	11196.02	7151.94	4665.65	3263.65	2455.60	1858.58
30.0	24387.21	21939.28	16544.63	10612.81	6875.69	4512.17	3245.23	2400.35	1817.91
60.0	24272.10	20611.72	14277.80	9234.60	5688.56	3943.55	2869.22	2146.35	1589.24
90.0	24425.58	21240.97	14810.36	9223.86	5832.06	4028.72	2924.47	2196.23	1701.27
120.0	24287.45	20573.35	14197.22	9187.03	5821.31	3982.68	2959.00	2218.48	1698.20
150.0	24302.80	22023.69	16322.09	10689.55	6975.45	4619.60	3292.81	2486.30	1886.98
180.0	24249.08	22108.10	15291.50	11166.09	7230.22	4756.96	3358.80	2501.65	1891.58
210.0	24387.21	22445.75	15198.65	11250.50	7335.35	4822.19	3427.87	2540.01	1949.14
240.0	24272.10	23251.49	18355.63	12109.19	7689.11	5033.99	3944.31	2708.84	2059.64
270.0	24425.58	22660.61	15247.76	11039.47	6902.55	4674.85	3378.76	2538.48	1937.62
300.0	24287.45	22898.50	17741.73	11518.31	7420.53	4895.86	3905.94	2662.03	2034.31
330.0	24302.80	22069.73	15188.67	10926.67	6917.13	4571.26	3280.53	2489.37	1895.42
360.0	24249.08	22077.41	16667.41	11196.02	7151.94	4665.65	3263.65	2455.60	1858.58
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	1431.16	1137.25	894.76	723.64	585.51	486.52	409.78	354.83	306.49
30.0	1423.48	1115.00	882.48	709.82	584.74	484.21	412.85	355.30	309.25
60.0	1303.31	1034.50	823.09	667.92	548.75	462.88	394.12	340.02	299.51
90.0	1322.96	1052.84	828.00	676.83	557.88	470.40	399.04	346.24	304.19
120.0	1331.24	1054.91	836.59	683.50	558.73	464.88	397.35	341.79	297.97
150.0	1473.36	1147.23	902.43	721.33	592.41	488.82	410.55	355.83	309.18
180.0	1468.76	1140.86	909.57	729.31	597.86	493.65	415.38	354.22	308.72
210.0	1518.10	1198.03	939.34	752.95	617.12	506.62	426.43	364.35	317.69
240.0	1606.89	1256.96	984.54	783.49	642.29	527.95	441.24	387.52	327.90
270.0	1517.56	1201.02	955.54	767.61	624.80	514.53	437.02	373.02	322.60
300.0	1570.82	1230.87	977.64	775.82	636.15	521.82	435.10	388.29	322.99
330.0	1482.88	1171.94	919.24	744.35	603.39	495.34	416.76	358.36	309.79
360.0	1431.16	1137.25	894.76	723.64	585.51	486.52	409.78	354.83	306.49
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	269.27	242.03	217.78	198.44	182.33	169.13	158.00	149.02	140.28
30.0	273.42	246.25	223.31	204.12	188.47	174.65	163.45	153.09	143.58
60.0	265.67	237.89	215.17	197.06	180.03	165.60	151.25	137.21	124.31
90.0	269.81	241.65	216.40	192.76	171.59	155.47	140.97	126.54	113.88
120.0	264.13	238.58	215.94	196.99	180.33	164.91	150.56	136.67	124.85
150.0	273.49	245.10	222.85	203.66	188.01	174.12	162.53	152.78	143.04
180.0	271.27	241.34	218.47	198.83	181.94	167.75	156.77	146.95	138.20
210.0	280.32	252.01	227.45	207.88	190.85	176.57	165.45	155.01	145.95
240.0	287.84	256.69	231.90	210.64	193.23	175.81	160.23	145.88	132.60
270.0	286.08	254.39	226.91	200.59	178.88	160.61	146.26	131.91	118.79
300.0	282.85	253.00	229.14	208.11	190.00	172.89	158.69	144.34	131.53
330.0	273.72	246.25	222.62	204.66	187.16	174.04	162.68	153.09	143.81
360.0	269.27	242.03	217.78	198.44	182.33	169.13	158.00	149.02	140.28
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	132.68	125.39	118.25	111.19	103.98	96.46	88.86	81.27	73.67
30.0	134.83	126.46	118.48	109.58	100.99	91.93	82.34	73.21	62.62
60.0	112.96	100.83	88.32	76.20	64.15	54.33	44.74	35.45	25.55
90.0	101.91	90.17	77.43	67.68	58.01	47.88	38.22	28.62	21.26
120.0	113.03	101.60	89.55	76.66	64.69	55.40	45.89	35.84	26.40
150.0	134.83	126.46	118.33	109.12	100.07	91.32	81.80	72.06	61.08
180.0	130.91	123.47	116.56	109.27	102.37	95.08	88.25	81.19	73.74
210.0	137.51	129.38	121.09	112.73	103.60	94.31	85.56	75.66	65.46
240.0	120.63	108.97	97.38	84.56	72.21	60.62	51.87	42.28	32.84
270.0	107.43	95.15	82.34	71.98	62.85	52.95	42.97	33.53	25.55
300.0	119.63	107.82	95.46	83.11	70.52	59.93	51.11	41.36	31.39
330.0	135.44	127.77	118.87	110.20	100.83	91.78	82.49	72.29	61.31
360.0	132.68	125.39	118.25	111.19	103.98	96.46	88.86	81.27	73.67

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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	66.61	58.86	50.80	42.90	35.45	27.47	19.41	10.74	3.07
30.0	49.80	36.14	25.63	15.19	8.06	5.99	3.84	2.69	1.76
60.0	16.96	14.04	12.05	9.36	6.60	5.68	5.14	3.45	1.46
90.0	18.26	16.19	13.20	9.98	7.60	7.29	6.29	4.07	1.69
120.0	17.65	14.27	12.20	9.67	6.91	5.76	5.29	3.76	1.61
150.0	48.96	36.07	25.71	15.42	8.29	6.14	3.91	2.76	1.92
180.0	65.99	57.86	50.03	42.13	34.84	26.93	19.34	10.90	3.30
210.0	53.26	38.83	27.47	17.65	8.98	6.60	4.53	2.76	1.92
240.0	23.17	16.73	14.73	12.20	9.13	6.14	5.76	4.68	2.61
270.0	21.56	19.18	16.19	12.28	8.52	7.83	7.21	4.99	2.53
300.0	22.02	16.81	14.73	12.05	8.75	6.14	5.76	4.53	2.30
330.0	48.27	35.30	24.40	14.96	8.36	6.45	3.99	2.69	1.76
360.0	66.61	58.86	50.80	42.90	35.45	27.47	19.41	10.74	3.07

C/γ(°)	90.0
0.0	0.15
30.0	0.08
60.0	0.08
90.0	0.08
120.0	0.08
150.0	0.23
180.0	0.23
210.0	0.38
240.0	0.38
270.0	0.31
300.0	0.31
330.0	0.15
360.0	0.15