

浙大三色

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ROLED

灯具名称: 投光灯

灯具描述: F3623A-24-24DC(60-OL-24WN-AA,L1000mm, C,CT)

报告编号:

电压(V): 24.0000

测试编号: 20210426001

电流(A): 1.0460

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): 2404.08

灯具效能(lm/w): 95.78

中心光强(cd): 2358.146

最大光强(cd): 2375.029

最大光强角度: C=30.0 γ =0.0

半峰边角(50%Imax): [C0/180]Total=54.8

[C90/270]Total=54.4

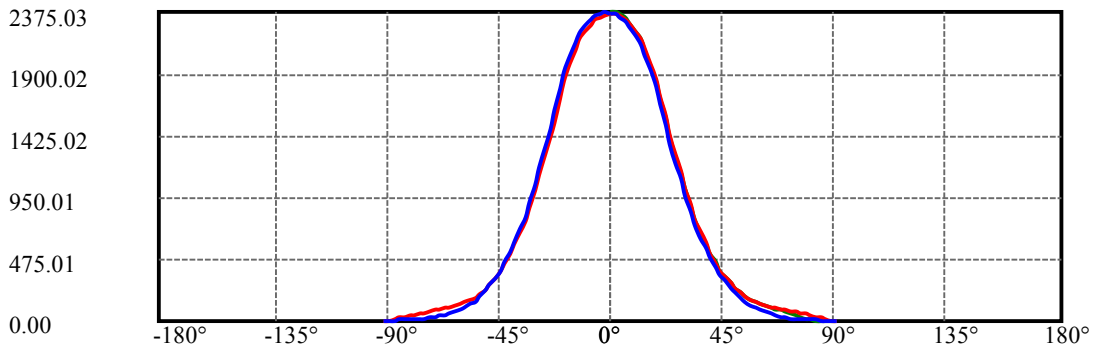
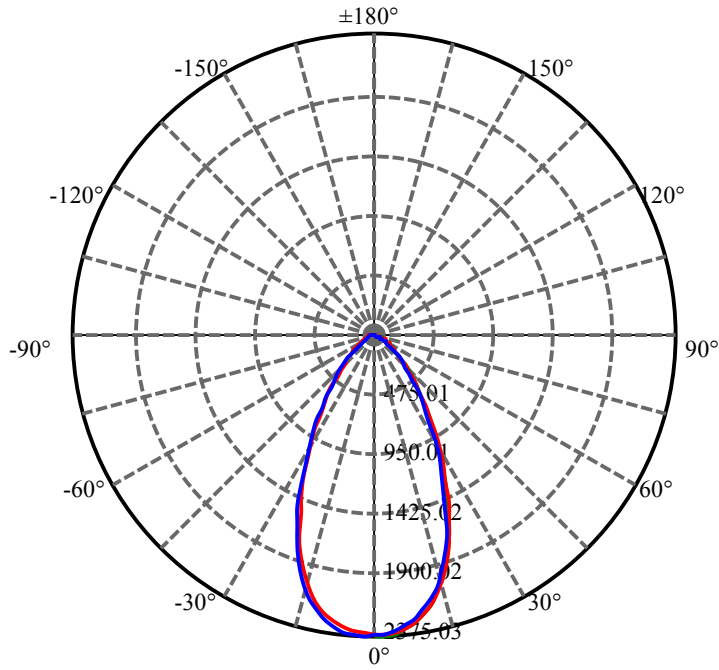
光束扩散角(10%Imax): [C0/180]Total=101.0

[C90/270]Total=98.8

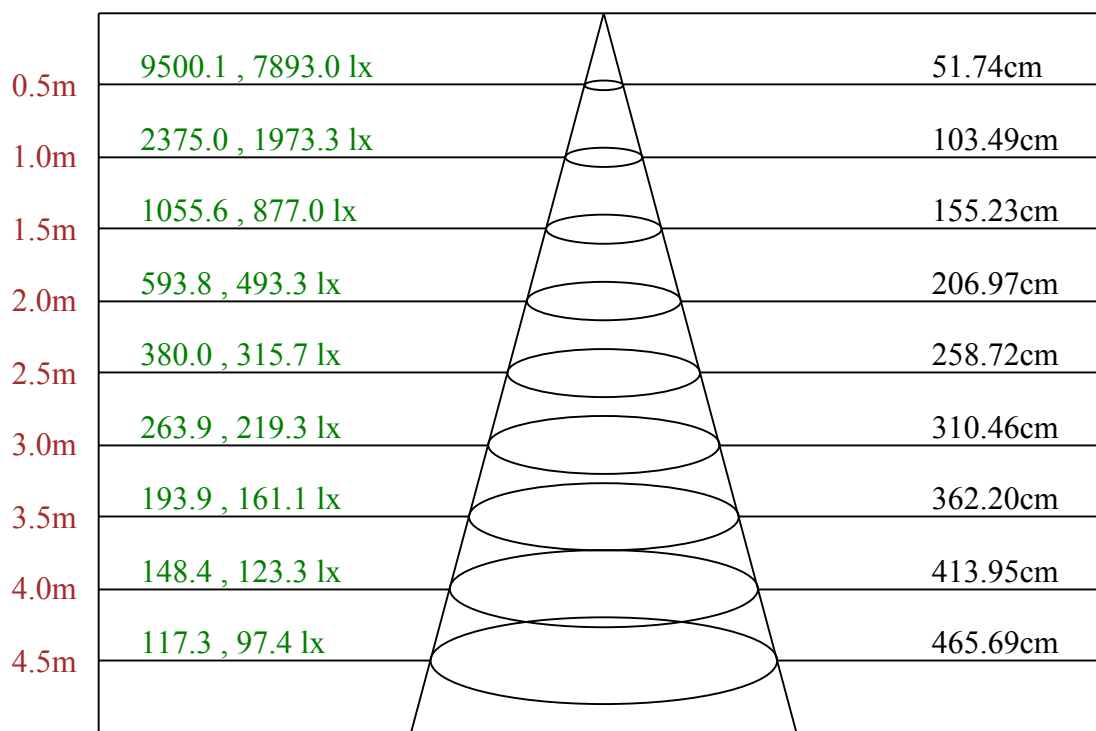
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/4/26
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

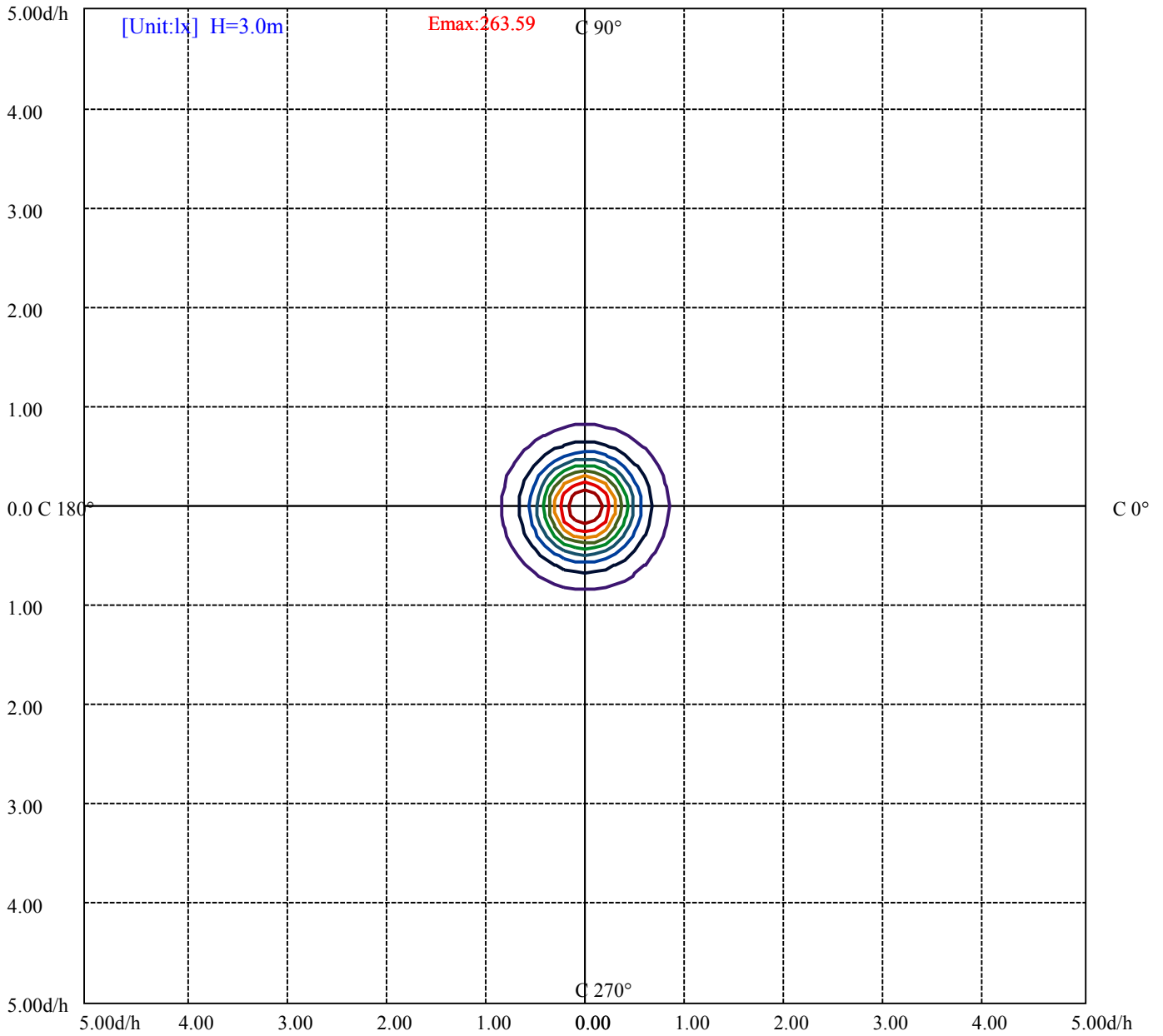


C30(Max): —
C0/C180: —
C90/C270: —



Max , Ave C30面光束角54.72

ROLED 投光灯
平面等照度曲线



(10%Emax) 26.35933	——
(20%Emax) 52.71867	——
(30%Emax) 79.07811	——
(40%Emax) 105.4374	——
(50%Emax) 131.7967	——
(60%Emax) 158.1567	——
(70%Emax) 184.5156	——
(80%Emax) 210.8745	——
(90%Emax) 237.2345	——

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灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

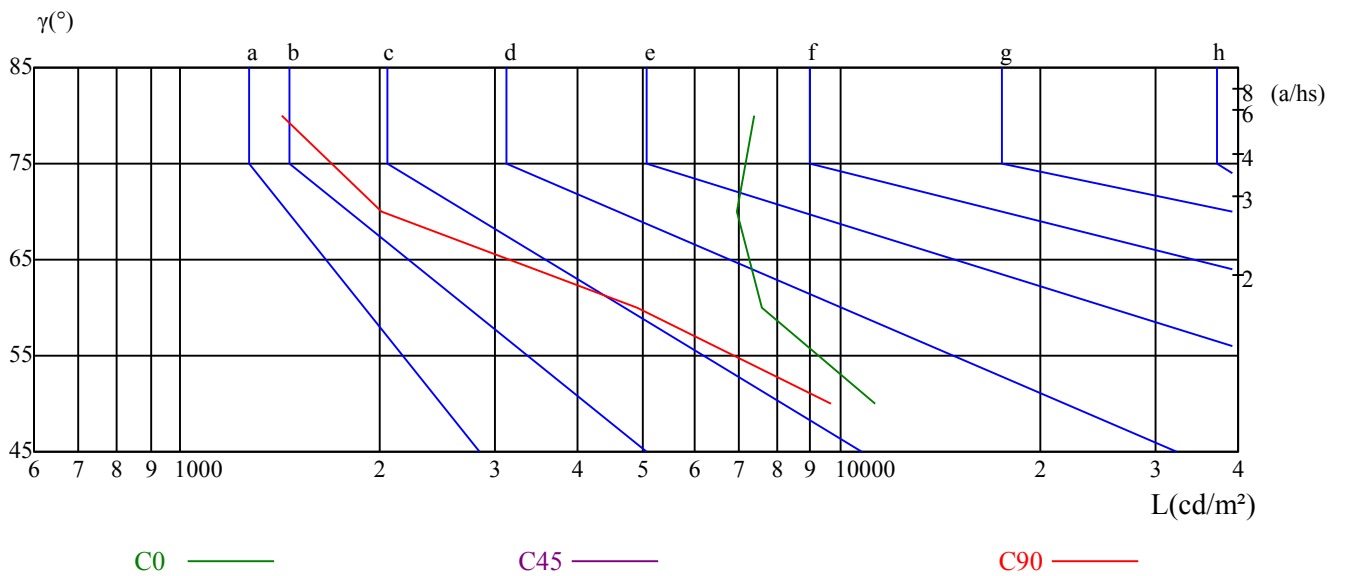
γ	45	50	55	60	65	70	75	80	85
C0	0	11249	0	7614	0	6967	0	7384	0
C45	0	0	0	0	0	0	0	0	0
C90	0	9657	0	4908	0	2014	0	1428	0

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

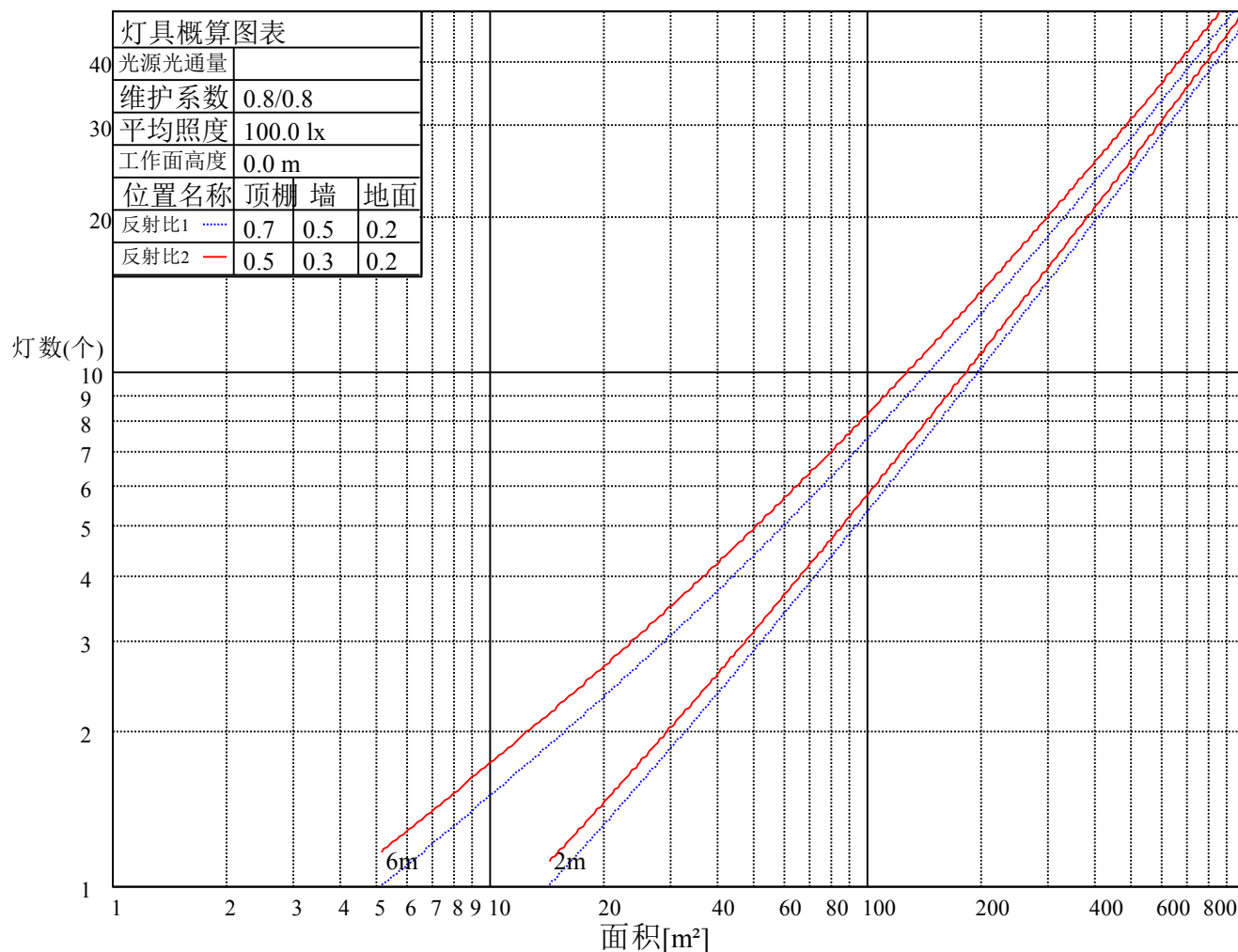
亮度限制曲线



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	11.98	13.19	12.35	13.50	13.82	13.63	14.83	13.99	15.15	15.46
	3H	12.41	13.48	12.79	13.81	14.17	15.08	16.14	15.46	16.47	16.84
	4H	12.48	13.48	12.89	13.83	14.21	15.68	16.67	16.08	17.02	17.41
	6H	12.51	13.42	12.92	13.79	14.18	16.20	17.11	16.61	17.48	17.87
	8H	12.50	13.36	12.94	13.76	14.16	16.41	17.27	16.84	17.66	18.06
	12H	12.54	13.36	12.97	13.75	14.18	16.70	17.52	17.13	17.90	18.33
4H	2H	12.44	13.44	12.85	13.79	14.17	13.84	14.83	14.24	15.18	15.57
	3H	12.95	13.76	13.37	14.17	14.57	15.48	16.29	15.89	16.70	17.10
	4H	13.05	13.77	13.48	14.19	14.64	16.15	16.87	16.59	17.29	17.74
	6H	13.09	13.71	13.55	14.16	14.63	16.66	17.29	17.13	17.73	18.20
	8H	13.09	13.67	13.56	14.12	14.59	16.91	17.49	17.38	17.94	18.41
	12H	13.14	13.65	13.63	14.14	14.61	17.23	17.74	17.72	18.23	18.70
8H	4H	13.21	13.79	13.68	14.24	14.71	16.09	16.67	16.57	17.12	17.60
	6H	13.26	13.73	13.77	14.23	14.72	16.62	17.09	17.12	17.59	18.07
	8H	13.30	13.72	13.82	14.23	14.73	16.90	17.32	17.42	17.84	18.33
	12H	13.98	14.34	14.49	14.84	15.41	17.76	18.13	18.28	18.62	19.20
12H	4H	13.19	13.70	13.68	14.18	14.66	16.05	16.56	16.53	17.04	17.52
	6H	13.73	13.67	13.78	14.14	14.69	17.05	16.99	17.10	17.46	18.00
	8H	13.31	13.68	13.83	14.17	14.75	16.86	17.23	17.38	17.73	18.30
对应照射距离，改变观察者位置S											
S = 1.0H	1.3/-2.2					0.8/-1.1					
S = 1.5H	2.8/-3.4					1.7/-1.6					
S = 2.0H	5.1/-4.9					3.4/-1.6					
标准表格	BK1					BK2					
更正系数	0.0					2.4					

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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	1.09	1.06	1.04	1.07	1.04	1.02	1.03	1.01	0.99	0.99	0.97	0.96	0.96	0.94	0.93	0.91
2	1.00	0.95	0.91	0.98	0.94	0.90	0.95	0.91	0.88	0.92	0.89	0.86	0.89	0.86	0.84	0.83
3	0.92	0.86	0.81	0.90	0.85	0.81	0.88	0.83	0.79	0.85	0.81	0.78	0.83	0.79	0.77	0.75
4	0.85	0.78	0.73	0.83	0.77	0.73	0.81	0.76	0.72	0.79	0.75	0.71	0.77	0.73	0.70	0.69
5	0.78	0.72	0.67	0.77	0.71	0.66	0.75	0.70	0.66	0.74	0.69	0.65	0.72	0.68	0.65	0.63
6	0.73	0.66	0.61	0.72	0.66	0.61	0.70	0.65	0.60	0.69	0.64	0.60	0.67	0.63	0.60	0.58
7	0.68	0.61	0.56	0.67	0.61	0.56	0.66	0.60	0.56	0.65	0.59	0.56	0.63	0.59	0.55	0.54
8	0.63	0.57	0.52	0.63	0.57	0.52	0.62	0.56	0.52	0.61	0.55	0.52	0.60	0.55	0.51	0.50
9	0.60	0.53	0.49	0.59	0.53	0.49	0.58	0.52	0.48	0.57	0.52	0.48	0.56	0.51	0.48	0.47
10	0.56	0.50	0.46	0.56	0.50	0.45	0.55	0.49	0.45	0.54	0.49	0.45	0.53	0.48	0.45	0.44

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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	2358.15	2358.15	2344.33	2322.85	2286.01	2233.06	2167.07	2088.80	1983.67
30.0	2375.03	2373.49	2358.15	2332.06	2289.08	2234.60	2163.23	2073.45	1969.09
60.0	2369.66	2360.45	2342.03	2309.03	2262.22	2198.53	2126.40	2031.24	1921.51
90.0	2367.35	2355.84	2336.66	2304.43	2259.92	2201.60	2130.24	2040.45	1932.25
120.0	2361.98	2348.94	2328.99	2299.83	2250.71	2190.09	2120.26	2026.64	1917.67
150.0	2360.45	2350.47	2332.82	2305.96	2268.36	2213.11	2147.12	2055.80	1950.67
180.0	2358.15	2350.47	2334.36	2310.57	2272.97	2226.16	2161.70	2081.89	1972.16
210.0	2375.03	2371.19	2361.22	2342.03	2305.20	2255.32	2189.32	2103.38	1992.88
240.0	2369.66	2372.73	2367.35	2355.08	2322.08	2272.20	2213.11	2134.07	2029.71
270.0	2367.35	2370.42	2365.82	2351.24	2318.24	2271.43	2205.44	2131.77	2029.71
300.0	2361.98	2367.35	2361.98	2346.64	2318.24	2272.20	2207.74	2131.77	2035.85
330.0	2360.45	2361.98	2352.01	2332.06	2299.06	2246.88	2183.95	2099.54	1992.88
360.0	2358.15	2358.15	2344.33	2322.85	2286.01	2233.06	2167.07	2088.80	1983.67
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	1858.58	1732.74	1583.10	1436.53	1285.35	1151.06	1019.84	903.97	788.86
30.0	1843.24	1706.64	1559.31	1420.41	1273.84	1134.18	1010.63	888.62	783.49
60.0	1791.82	1647.56	1504.90	1365.24	1221.20	1088.22	968.74	849.95	747.96
90.0	1801.80	1664.44	1501.75	1357.49	1213.22	1085.84	959.99	841.04	739.75
120.0	1779.54	1642.95	1497.15	1354.11	1209.38	1072.33	952.08	835.06	730.00
150.0	1824.82	1685.93	1543.96	1393.55	1256.19	1116.53	985.31	864.83	762.00
180.0	1847.84	1705.11	1524.09	1414.89	1262.56	1128.43	996.82	875.96	766.38
210.0	1875.47	1731.97	1586.17	1441.75	1291.80	1145.62	1018.08	894.38	779.81
240.0	1912.30	1778.78	1626.07	1467.99	1325.26	1177.92	1048.24	923.92	808.05
270.0	1915.37	1778.01	1619.16	1475.20	1320.65	1176.00	1042.48	918.09	799.30
300.0	1914.60	1782.61	1641.42	1483.34	1333.70	1188.67	1057.44	932.36	814.95
330.0	1877.00	1740.41	1592.31	1452.64	1310.99	1166.26	1038.18	912.49	795.92
360.0	1858.58	1732.74	1583.10	1436.53	1285.35	1151.06	1019.84	903.97	788.86
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	686.80	601.62	514.91	447.38	389.06	335.34	288.30	250.55	215.56
30.0	679.90	596.25	515.68	450.45	388.29	335.88	291.30	250.63	216.25
60.0	647.51	565.56	488.82	424.90	365.19	311.94	267.58	226.68	191.46
90.0	639.22	558.65	481.91	416.69	357.06	304.96	256.99	215.10	176.42
120.0	636.92	556.27	480.91	414.54	358.44	305.95	260.37	220.39	187.78
150.0	663.78	577.07	503.40	435.87	389.06	325.06	282.09	243.10	211.64
180.0	673.60	584.82	509.08	439.17	377.70	323.68	279.56	239.88	206.88
210.0	685.19	595.18	517.98	449.07	387.37	333.19	287.77	249.40	215.10
240.0	705.22	618.51	534.09	461.19	399.80	341.94	293.14	246.71	208.96
270.0	702.07	608.84	523.81	453.75	387.06	326.98	275.95	232.13	189.47
300.0	715.96	623.88	537.93	468.10	403.64	344.40	295.21	250.47	210.03
330.0	695.70	609.37	526.88	456.44	396.66	340.56	293.37	251.93	218.16
360.0	686.80	601.62	514.91	447.38	389.06	335.34	288.30	250.55	215.56
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	187.47	165.06	146.26	131.91	119.63	108.74	99.38	90.93	82.57
30.0	187.85	165.98	147.03	131.99	117.72	104.75	93.47	81.65	70.60
60.0	161.61	136.44	114.03	96.08	81.88	68.60	55.86	42.82	30.77
90.0	142.35	117.95	99.30	85.03	71.67	58.47	44.89	32.46	23.87
120.0	158.23	133.75	111.58	94.08	79.65	67.30	54.56	41.59	29.47
150.0	184.09	161.99	144.50	128.54	114.42	101.68	90.40	78.73	66.92
180.0	181.25	159.38	141.66	127.46	116.26	105.90	96.92	89.25	81.27
210.0	188.77	165.91	147.34	131.45	117.56	104.59	92.78	81.42	69.52
240.0	176.04	148.95	123.55	103.83	88.86	74.13	62.16	49.42	36.83
270.0	154.55	125.62	105.21	89.78	76.51	63.31	49.34	37.22	27.86
300.0	176.80	149.48	123.70	103.75	88.56	74.67	62.85	49.57	36.91
330.0	189.54	165.60	147.26	130.84	116.95	103.75	91.93	79.88	68.60
360.0	187.47	165.06	146.26	131.91	119.63	108.74	99.38	90.93	82.57

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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	74.97	67.38	59.70	52.49	44.43	35.68	26.93	16.73	6.22
30.0	58.09	45.97	33.00	20.03	10.67	7.21	4.53	3.22	2.07
60.0	20.72	16.88	13.66	10.67	7.67	6.45	5.91	4.14	1.76
90.0	20.64	17.42	14.27	10.97	8.59	8.21	7.06	4.60	1.92
120.0	20.11	16.42	13.28	10.44	7.52	6.37	5.83	3.99	1.69
150.0	55.02	42.67	29.85	17.50	9.52	6.68	4.22	3.07	1.92
180.0	73.82	65.69	57.78	50.49	43.05	34.46	25.63	15.81	5.22
210.0	57.78	44.28	31.77	19.41	10.67	7.60	4.68	3.15	2.07
240.0	25.78	19.88	16.81	13.35	9.67	6.98	6.52	5.06	2.61
270.0	24.40	20.64	17.04	13.05	9.36	8.98	8.06	5.60	2.76
300.0	25.86	20.11	16.96	13.43	9.98	7.06	6.52	5.14	2.76
330.0	56.48	43.74	31.62	19.57	10.82	7.83	4.83	3.22	2.23
360.0	74.97	67.38	59.70	52.49	44.43	35.68	26.93	16.73	6.22
C/γ(°)	90.0								
0.0	0.23								
30.0	0.23								
60.0	0.00								
90.0	0.00								
120.0	0.08								
150.0	0.15								
180.0	0.31								
210.0	0.23								
240.0	0.31								
270.0	0.23								
300.0	0.38								
330.0	0.38								
360.0	0.23								