

浙大三色

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ROLED

灯具名称: 投光灯

灯具描述: F2221A-9-36DC-RC-Y (30-XL-9RGBWN-C, CT)

报告编号:

电压(V): 36.0000

测试编号: 20210225008

电流(A): 0.9970

光源规格型号: XL

功率(W): 35.9000

每个光源光通量(lm)

功率因数: 1.0360

光源数量: 9

镇流器型号:

发光面长度(mm): 156

发光面宽度(mm): 156

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 1759.36

灯具效能(lm/w): 49.01

中心光强(cd): 4334.907

最大光强(cd): 4344.116

最大光强角度: $C=60.0$ $\gamma=0.0$

半峰边角(50%Imax): [C0/180]Total=30.2

[C90/270]Total=30.2

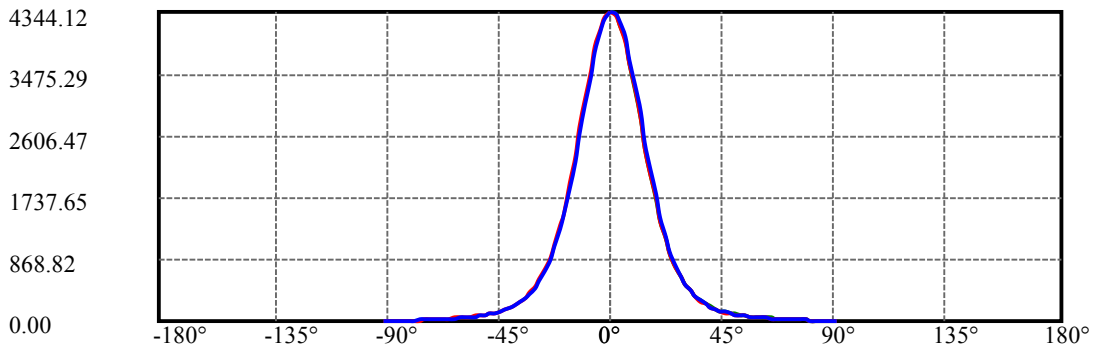
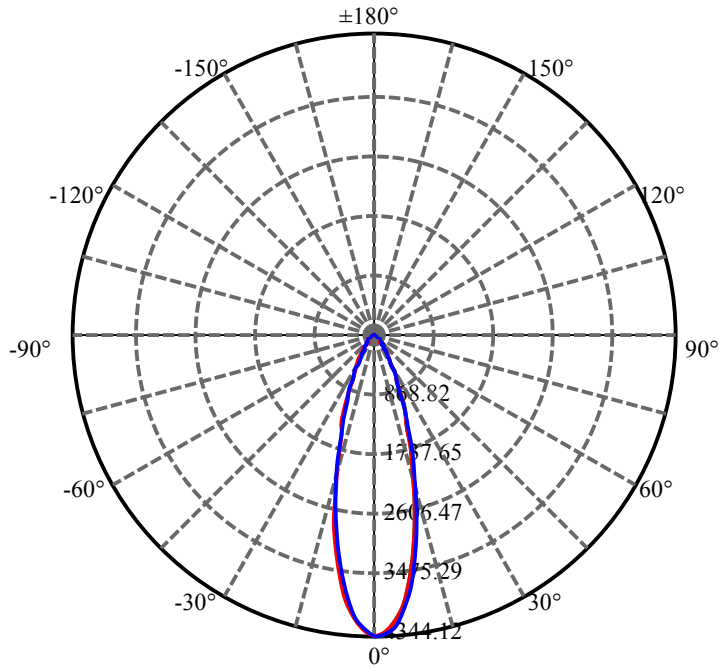
光束扩散角(10%Imax): [C0/180]Total=62.8

[C90/270]Total=62.8

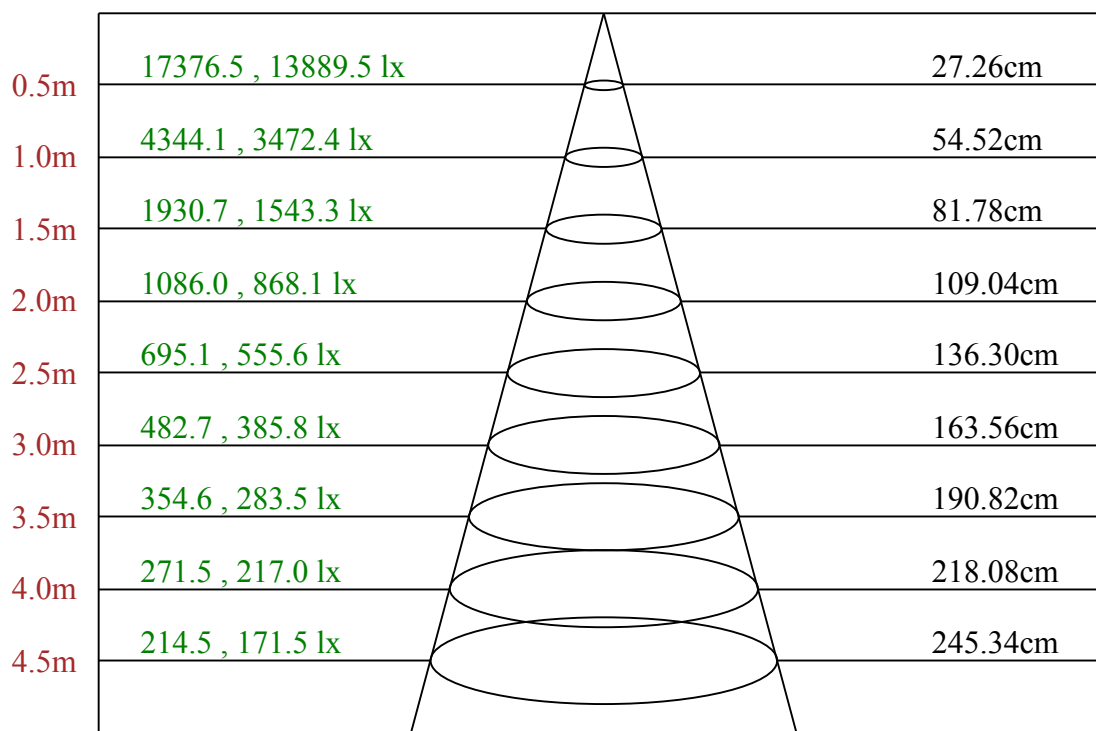
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/2/25
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

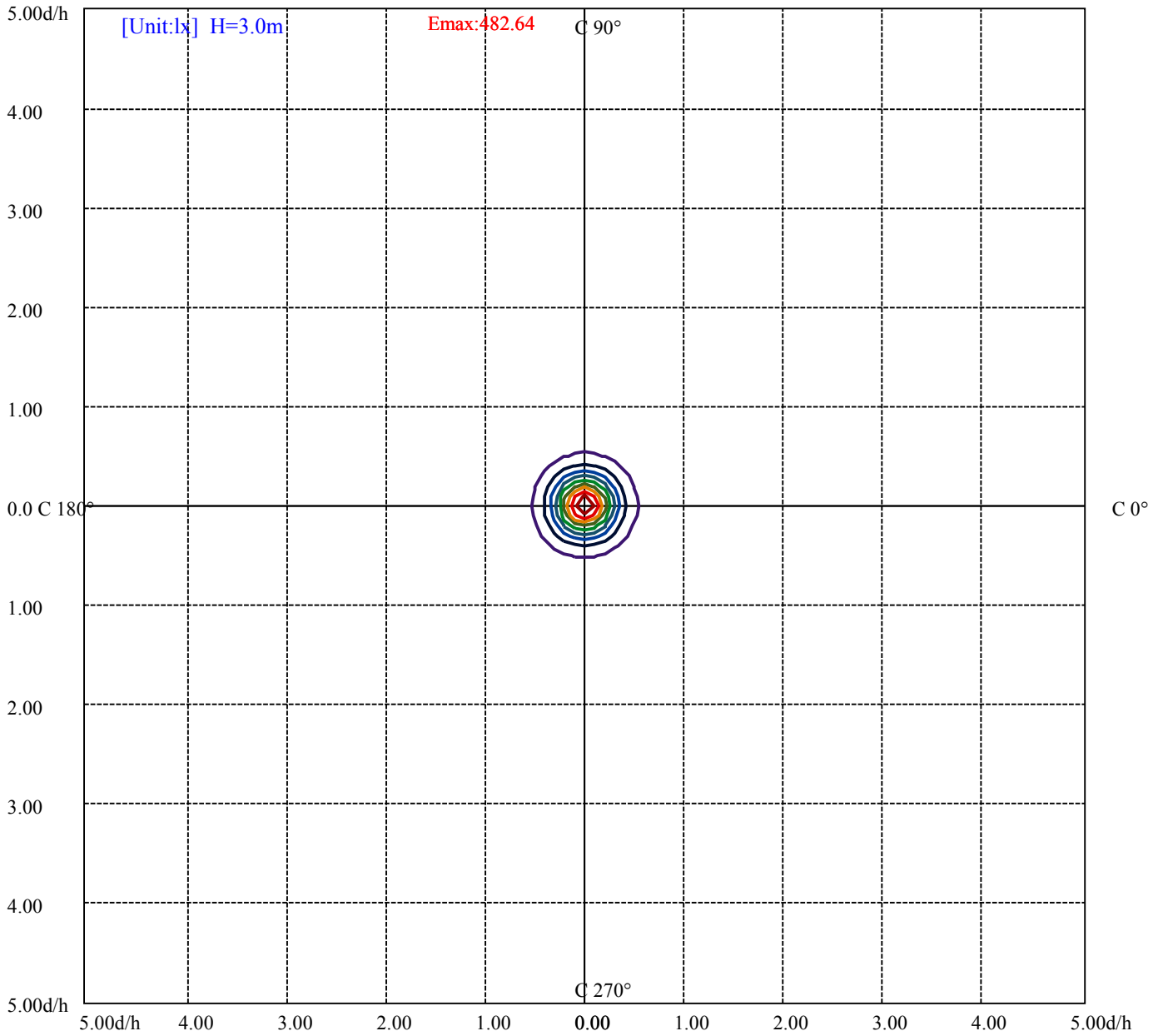


C60(Max): ——
C0/C180: ——
C90/C270: ——



Max , Ave C60面光束角30.50

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平面等照度曲线



(10%Emax) 48.26366	——
(20%Emax) 96.52733	——
(30%Emax) 144.7911	——
(40%Emax) 193.0544	——
(50%Emax) 241.3178	——
(60%Emax) 289.5822	——
(70%Emax) 337.8456	——
(80%Emax) 386.1089	——
(90%Emax) 434.3734	——

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灯具的亮度限制曲线(灯具无发光侧边)

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亮度值表

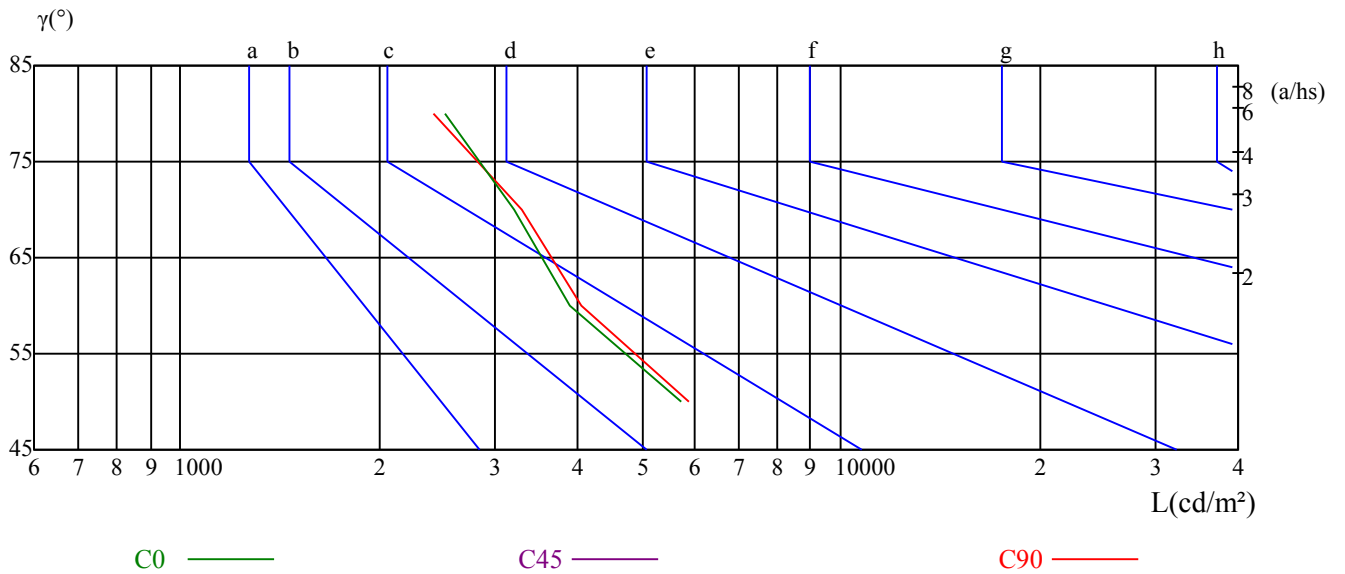
γ	45	50	55	60	65	70	75	80	85
C0	0	5725	0	3897	0	3208	0	2524	0
C45	0	0	0	0	0	0	0	0	0
C90	0	5882	0	4055	0	3291	0	2415	0

L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
806731	709399	0	721284	560009	0	726015	230427	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



测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/2/25
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	10.30	11.36	10.67	11.67	11.99	10.28	11.34	10.64	11.65	11.96
	3H	11.56	12.49	11.94	12.82	13.19	11.44	12.37	11.82	12.70	13.07
	4H	12.03	12.89	12.44	13.25	13.64	11.87	12.73	12.27	13.09	13.47
	6H	12.33	13.12	12.74	13.49	13.89	12.16	12.95	12.58	13.33	13.72
	8H	12.39	13.14	12.83	13.53	13.94	12.23	12.98	12.67	13.37	13.78
	12H	12.46	13.17	12.89	13.55	13.98	12.30	13.02	12.74	13.40	13.83
4H	2H	10.64	11.50	11.04	11.86	12.24	10.62	11.48	11.03	11.84	12.23
	3H	12.11	12.82	12.52	13.22	13.63	11.99	12.70	12.41	13.11	13.51
	4H	12.70	13.33	13.14	13.76	14.21	12.56	13.19	13.00	13.61	14.06
	6H	13.04	13.58	13.51	14.03	14.51	12.90	13.44	13.37	13.89	14.37
	8H	13.14	13.65	13.62	14.10	14.57	13.01	13.52	13.49	13.97	14.44
	12H	13.22	13.66	13.71	14.15	14.62	13.10	13.53	13.59	14.02	14.50
8H	4H	12.87	13.38	13.35	13.83	14.30	12.75	13.25	13.23	13.70	14.18
	6H	13.35	13.75	13.85	14.25	14.73	13.24	13.64	13.75	14.14	14.63
	8H	13.51	13.87	14.04	14.39	14.89	13.42	13.78	13.95	14.30	14.79
	12H	14.12	14.43	14.64	14.93	15.51	14.03	14.34	14.55	14.83	15.41
12H	4H	12.87	13.30	13.36	13.79	14.27	12.74	13.18	13.23	13.67	14.14
	6H	13.70	13.73	13.91	14.20	14.75	13.59	13.62	13.80	14.10	14.64
	8H	13.58	13.89	14.10	14.39	14.97	13.49	13.80	14.01	14.30	14.88
对应照射距离，改变观察者位置S											
S = 1.0H	1.3/-1.3					1.3/-1.3					
S = 1.5H	2.4/-1.7					2.4/-1.7					
S = 2.0H	4.1/-1.8					4.0/-1.9					
标准表格	BK3					BK3					
更正系数	-1.3					-1.3					

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光强数据表(cd)

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C/γ(°)	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0
0.0	4334.91	4291.93	4158.41	3921.29	3608.97	3256.74	2846.20	2441.02	2055.03
30.0	4343.35	4305.75	4163.78	3927.43	3604.37	3246.77	2846.96	2434.12	2061.94
60.0	4344.12	4305.75	4162.25	3932.03	3606.67	3245.23	2844.66	2429.51	2044.29
90.0	4339.51	4329.54	4211.36	3993.42	3679.57	3328.11	2929.07	2509.32	2132.54
120.0	4342.58	4311.12	4174.53	3944.31	3615.88	3236.79	2846.96	2429.51	2056.57
150.0	4337.21	4313.42	4181.43	3949.68	3625.85	3266.72	2865.38	2449.46	2075.75
180.0	4334.91	4268.91	4103.16	3852.23	3506.14	3122.45	2735.70	2324.38	1952.20
210.0	4343.35	4281.19	4123.11	3856.06	3521.49	3153.92	2739.53	2343.57	1959.11
240.0	4344.12	4275.82	4114.67	3847.62	3527.63	3140.87	2725.72	2322.08	1946.83
270.0	4339.51	4248.19	4066.33	3781.63	3438.61	3061.06	2621.36	2248.41	1874.70
300.0	4342.58	4265.84	4103.16	3837.65	3517.65	3131.66	2712.67	2305.20	1946.83
330.0	4337.21	4262.01	4086.28	3834.58	3503.07	3114.01	2694.26	2319.78	1941.46
360.0	4334.91	4291.93	4158.41	3921.29	3608.97	3256.74	2846.20	2441.02	2055.03
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	1715.85	1408.90	1163.34	939.27	765.84	627.71	510.31	418.99	343.86
30.0	1715.09	1419.65	1139.55	937.73	760.47	620.81	513.37	422.82	351.92
60.0	1692.83	1408.52	1148.38	942.34	763.31	627.48	508.23	421.60	347.54
90.0	1771.10	1463.39	1175.62	963.82	778.12	633.09	522.58	427.43	352.15
120.0	1683.62	1397.47	1133.03	924.30	746.43	604.46	495.49	402.80	328.59
150.0	1721.22	1418.11	1139.55	932.36	752.80	616.97	503.40	409.78	338.64
180.0	1521.63	1336.92	1085.45	890.23	720.80	586.66	479.53	397.65	326.13
210.0	1587.70	1349.58	1105.64	896.60	733.76	600.39	496.11	412.23	340.10
240.0	1617.63	1326.79	1093.51	885.55	722.10	590.11	487.28	402.87	333.58
270.0	1520.63	1281.98	1040.79	850.64	695.70	568.32	466.87	389.52	310.71
300.0	1602.28	1313.75	1079.70	870.97	709.06	574.76	470.40	387.52	313.47
330.0	1518.79	1328.63	1091.44	874.50	718.19	582.36	473.62	391.67	318.00
360.0	1715.85	1408.90	1163.34	939.27	765.84	627.71	510.31	418.99	343.86
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	282.85	233.90	196.29	163.83	139.13	118.94	102.98	89.55	78.12
30.0	290.99	241.72	202.51	172.89	147.87	127.08	110.89	96.54	84.49
60.0	288.00	242.18	203.51	173.73	147.34	127.46	110.73	97.07	84.72
90.0	288.76	238.04	198.06	168.06	142.58	121.86	105.90	92.01	80.88
120.0	269.20	224.30	186.93	157.39	134.90	115.72	100.30	87.33	76.89
150.0	277.79	228.68	190.54	161.84	137.67	118.87	102.67	89.25	77.89
180.0	268.66	224.76	188.39	160.69	136.06	117.87	102.14	89.55	78.12
210.0	284.77	238.58	200.82	172.20	148.26	127.08	109.35	92.78	79.27
240.0	278.17	232.90	196.14	165.91	143.88	124.08	108.12	94.54	82.80
270.0	256.76	213.02	177.03	150.25	128.46	110.04	95.15	83.64	73.21
300.0	257.30	212.41	176.65	147.64	126.85	108.81	94.54	82.49	72.36
330.0	261.75	215.94	178.88	150.18	128.84	110.04	95.15	83.34	72.67
360.0	282.85	233.90	196.29	163.83	139.13	118.94	102.98	89.55	78.12
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	68.53	60.47	53.56	47.42	42.21	37.75	33.53	30.00	26.70
30.0	74.13	65.53	57.71	51.34	45.43	40.36	36.07	32.15	28.39
60.0	74.21	65.84	58.24	51.64	45.81	40.98	36.37	32.54	28.62
90.0	71.29	62.92	55.56	49.34	44.05	39.14	34.99	31.16	27.40
120.0	67.68	60.16	53.33	47.50	42.21	37.75	33.53	29.77	26.47
150.0	68.53	60.78	53.64	47.81	42.44	37.60	33.61	29.39	23.33
180.0	68.53	60.78	53.64	47.65	42.21	37.60	29.54	23.64	22.71
210.0	70.83	63.46	52.87	46.50	38.68	34.38	32.31	27.47	23.10
240.0	72.52	64.54	57.17	49.88	42.05	37.37	34.76	29.24	23.94
270.0	64.92	57.40	50.72	45.04	40.21	35.91	32.08	28.70	25.32
300.0	63.39	56.56	50.26	44.66	40.13	35.45	31.31	28.16	25.32
330.0	63.85	56.63	50.34	44.66	40.06	35.68	31.85	28.55	25.32
360.0	68.53	60.47	53.56	47.42	42.21	37.75	33.53	30.00	26.70

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光强数据表(cd)

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C/γ(°)	72.0	74.0	76.0	78.0	80.0	82.0	84.0	86.0	88.0
0.0	23.56	20.64	17.73	14.35	10.67	7.37	4.99	2.30	0.31
30.0	25.02	22.10	19.11	16.19	12.74	8.44	5.53	2.38	0.31
60.0	25.09	21.79	18.65	15.65	12.05	7.98	5.29	1.84	0.23
90.0	24.02	20.95	17.65	14.27	10.21	7.14	4.76	2.00	0.23
120.0	23.10	20.03	17.19	14.27	8.59	6.52	3.84	1.61	0.15
150.0	20.41	16.88	14.43	12.74	9.13	5.91	2.30	1.76	0.15
180.0	17.96	15.58	11.82	10.67	8.36	5.68	3.84	1.69	0.15
210.0	22.33	19.88	19.18	16.35	12.97	8.52	5.53	2.84	0.31
240.0	21.72	17.42	14.89	11.36	12.05	8.67	5.37	3.15	0.46
270.0	22.02	18.03	15.42	12.05	8.90	6.45	4.53	1.76	0.15
300.0	21.95	18.72	16.81	13.97	11.36	7.83	4.99	2.69	0.38
330.0	22.33	19.64	16.88	14.04	11.13	7.37	4.68	2.30	0.31
360.0	23.56	20.64	17.73	14.35	10.67	7.37	4.99	2.30	0.31

C/γ(°)	90.0
0.0	0.15
30.0	0.31
60.0	0.15
90.0	0.00
120.0	0.08
150.0	0.08
180.0	0.08
210.0	0.15
240.0	0.08
270.0	0.15
300.0	0.15
330.0	0.23
360.0	0.15