

浙大三色

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ROLED

灯具名称: 投光灯

灯具描述: F3082B5-18-UN-RC-Y(55-XL-18RGBWN-AJ, L480mm, C, CT)

报告编号:

电压(V): 201.7000

测试编号: 20210226004

电流(A): 0.6490

光源规格型号: XL

功率(W): 129.9000

每个光源光通量(lm)

功率因数: 0.9910

光源数量: 18

镇流器型号:

发光面长度(mm): 420

发光面宽度(mm): 105

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 5053.84

灯具效能(lm/w): 38.91

中心光强(cd): 4579.700

最大光强(cd): 4829.097

最大光强角度: C=30.0 γ =0.0

半峰边角(50%Imax): [C0/180]Total=55.5

[C90/270]Total=55.4

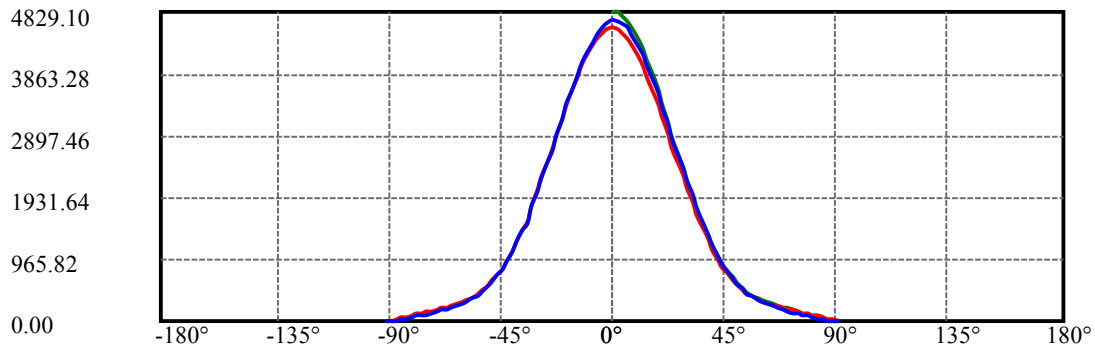
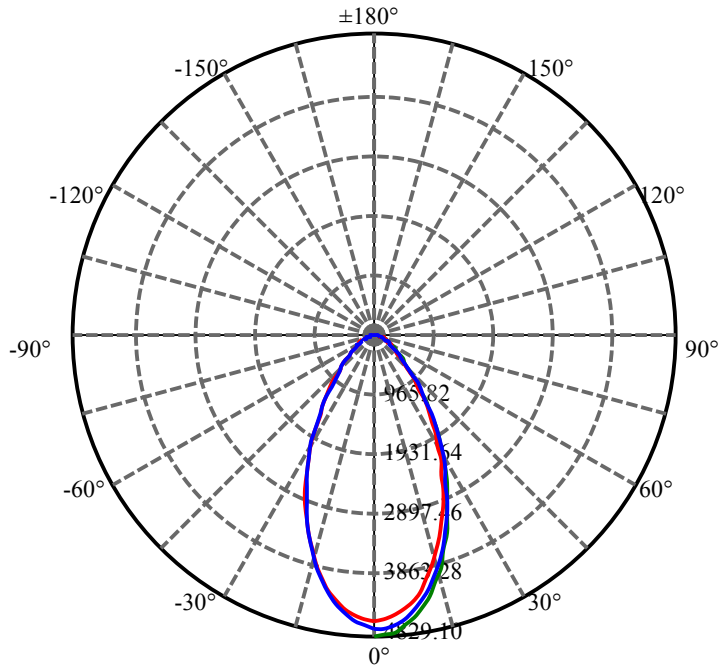
光束扩散角(10%Imax): [C0/180]Total=105.2

[C90/270]Total=104.7

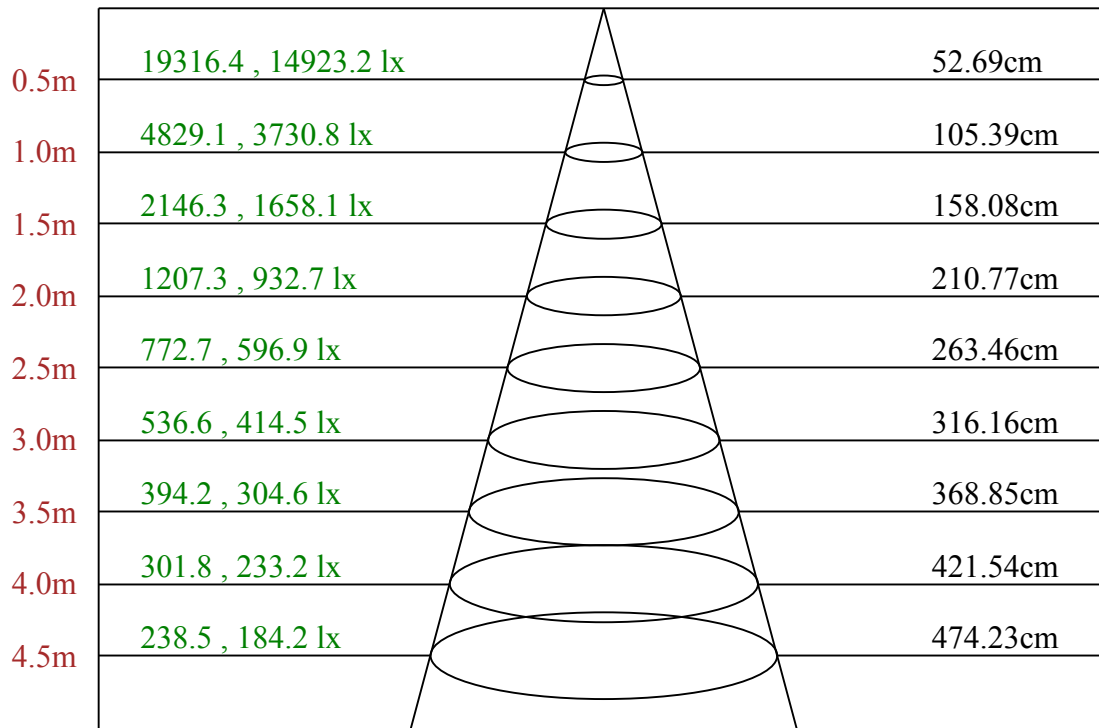
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/2/26
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

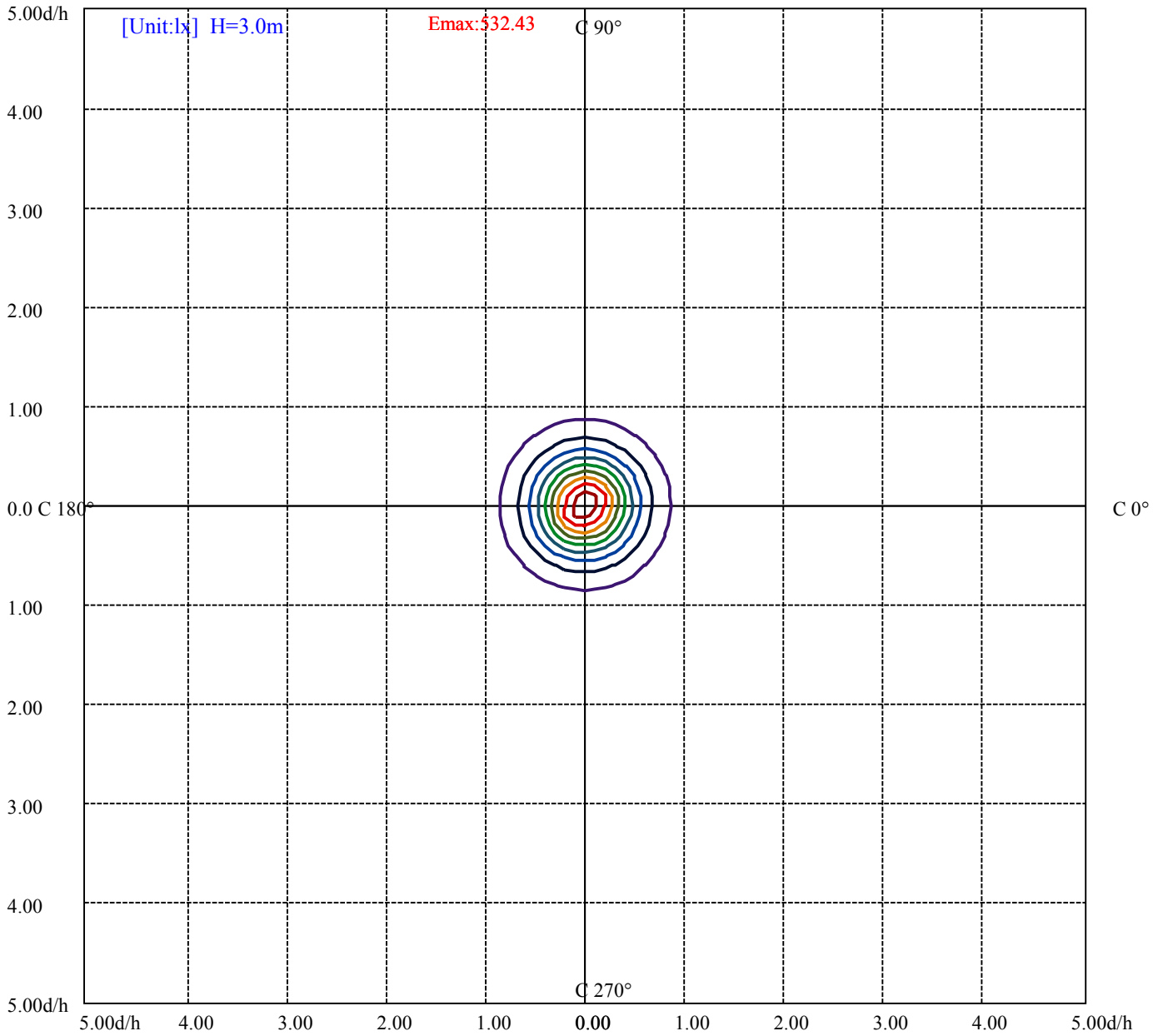


C30(Max): ————
C0/C180: ————
C90/C270: ————



Max , Ave C30面光束角55.57

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平面等照度曲线



(10%Emax) 53.243	—
(20%Emax) 106.486	—
(30%Emax) 159.7289	—
(40%Emax) 212.9722	—
(50%Emax) 266.2155	—
(60%Emax) 319.4578	—
(70%Emax) 372.7011	—
(80%Emax) 425.9445	—
(90%Emax) 479.1867	—

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灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

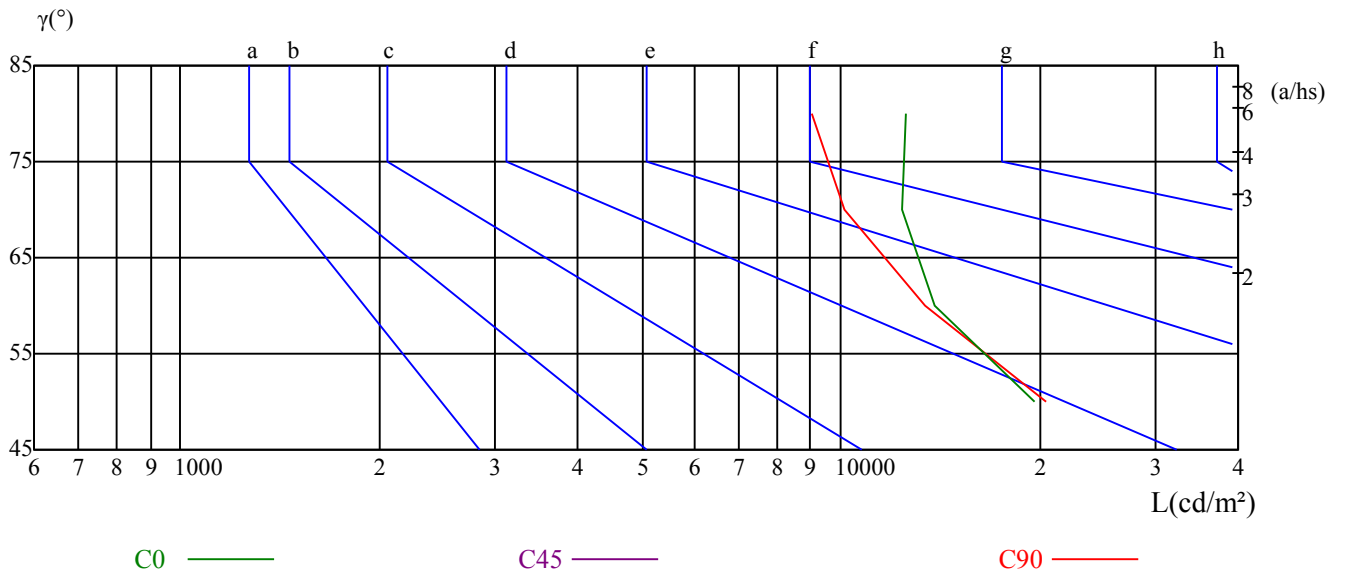
γ	45	50	55	60	65	70	75	80	85
C0	0	19626	0	13848	0	12373	0	12556	0
C45	0	0	0	0	0	0	0	0	0
C90	0	20439	0	13402	0	10160	0	9059	0

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	13.28	14.55	13.65	14.86	15.18	13.48	14.75	13.84	15.06	15.37
	3H	14.47	15.60	14.85	15.93	16.29	15.02	16.14	15.40	16.47	16.84
	4H	14.88	15.93	15.28	16.28	16.66	15.64	16.69	16.04	17.04	17.43
	6H	15.17	16.14	15.58	16.51	16.90	16.16	17.12	16.57	17.49	17.89
	8H	15.24	16.15	15.67	16.54	16.95	16.34	17.26	16.78	17.65	18.06
	12H	15.29	16.16	15.72	16.54	16.98	16.59	17.46	17.02	17.84	18.27
4H	2H	13.78	14.83	14.18	15.18	15.57	13.94	14.99	14.34	15.34	15.72
	3H	15.17	16.03	15.58	16.43	16.84	15.74	16.60	16.15	17.01	17.41
	4H	15.67	16.44	16.10	16.86	17.30	16.49	17.27	16.93	17.69	18.13
	6H	15.99	16.66	16.46	17.11	17.57	17.02	17.68	17.48	18.13	18.60
	8H	16.09	16.72	16.56	17.16	17.63	17.25	17.87	17.72	18.32	18.79
	12H	16.15	16.70	16.63	17.18	17.65	17.51	18.05	17.99	18.54	19.01
8H	4H	15.93	16.55	16.40	17.00	17.47	16.66	17.28	17.13	17.73	18.20
	6H	16.37	16.87	16.87	17.37	17.85	17.30	17.80	17.80	18.30	18.78
	8H	16.51	16.96	17.03	17.48	17.97	17.60	18.05	18.12	18.56	19.06
	12H	17.12	17.52	17.63	18.01	18.58	18.34	18.74	18.86	19.23	19.81
12H	4H	15.94	16.49	16.43	16.97	17.45	16.65	17.20	17.14	17.68	18.16
	6H	16.97	16.86	16.94	17.33	17.87	17.87	17.76	17.84	18.23	18.77
	8H	16.59	16.99	17.10	17.48	18.05	17.64	18.04	18.16	18.53	19.11
对应照射距离，改变观察者位置S											
S = 1.0H	0.7/-1.2					0.6/-1.0					
S = 1.5H	1.4/-1.6					1.3/-1.3					
S = 2.0H	3.2/-1.8					2.4/-1.4					
标准表格	BK3					BK3					
更正系数	5.2					5.7					

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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	4579.70	4561.28	4509.10	4420.85	4312.65	4170.69	3999.56	3810.02	3611.27
30.0	4829.10	4815.28	4765.40	4683.30	4577.40	4436.20	4269.68	4070.93	3861.44
60.0	4754.66	4743.92	4696.34	4618.84	4514.47	4379.41	4221.34	4029.49	3814.63
90.0	4696.34	4694.04	4652.60	4575.86	4465.36	4333.37	4172.99	3994.19	3786.23
120.0	4651.07	4643.39	4592.75	4508.33	4396.30	4252.03	4079.37	3892.90	3680.34
150.0	4611.16	4603.49	4555.91	4474.57	4366.37	4220.57	4050.98	3864.51	3651.94
180.0	4579.70	4560.52	4506.03	4420.09	4309.58	4166.08	3994.96	3809.25	3598.99
210.0	4829.10	4806.08	4747.76	4664.11	4552.07	4407.81	4233.61	4044.84	3818.46
240.0	4754.66	4727.80	4668.72	4577.40	4466.13	4324.16	4151.50	3954.29	3747.86
270.0	4696.34	4659.51	4585.84	4483.78	4354.86	4196.01	4014.14	3824.60	3602.06
300.0	4651.07	4619.60	4547.47	4442.34	4315.72	4156.11	3966.57	3763.98	3556.02
330.0	4611.16	4578.93	4508.33	4410.88	4279.66	4118.51	3939.71	3740.96	3519.19
360.0	4579.70	4561.28	4509.10	4420.85	4312.65	4170.69	3999.56	3810.02	3611.27
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	3384.13	3168.50	2939.05	2704.23	2484.76	2278.34	2059.64	1850.91	1655.23
30.0	3626.62	3384.13	3125.52	2876.13	2632.87	2408.03	2179.35	1951.44	1741.94
60.0	3582.11	3348.83	3103.27	2856.94	2626.73	2391.14	2162.47	1936.09	1725.83
90.0	3563.69	3337.32	3094.06	2854.64	2622.12	2406.49	2186.25	1973.69	1755.76
120.0	3453.96	3220.68	3002.74	2775.60	2563.80	2345.87	2131.77	1916.14	1715.09
150.0	3429.40	3195.35	2974.35	2749.51	2539.25	2322.08	2110.28	1904.63	1682.86
180.0	3374.15	3139.34	2919.10	2686.58	2468.65	2246.11	2026.64	1806.40	1561.61
210.0	3582.11	3331.18	3071.81	2817.04	2587.59	2345.87	2110.28	1894.65	1672.11
240.0	3505.37	3259.81	3021.93	2767.93	2540.01	2309.03	2074.22	1851.68	1646.79
270.0	3376.45	3139.34	2896.08	2662.03	2447.93	2223.86	2002.08	1797.96	1526.23
300.0	3321.97	3105.57	2879.96	2651.28	2436.42	2235.37	2018.97	1812.54	1619.16
330.0	3287.44	3069.50	2837.76	2615.22	2415.70	2204.67	1993.64	1791.82	1559.31
360.0	3384.13	3168.50	2939.05	2704.23	2484.76	2278.34	2059.64	1850.91	1655.23
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	1454.94	1286.12	1115.00	972.27	845.65	740.52	640.76	556.35	487.28
30.0	1533.22	1342.91	1171.02	1027.52	893.23	780.42	678.36	589.34	513.37
60.0	1528.54	1347.28	1175.31	1022.91	889.01	777.12	673.99	582.75	507.77
90.0	1547.80	1355.95	1189.43	1034.42	897.06	781.19	673.76	579.37	498.03
120.0	1521.78	1332.32	1168.64	1015.08	886.01	761.62	663.32	572.31	498.33
150.0	1493.31	1307.61	1147.23	997.59	864.07	753.56	651.50	564.02	489.59
180.0	1420.26	1239.54	1085.61	942.41	816.64	707.14	616.82	534.02	467.18
210.0	1474.90	1292.88	1132.34	984.31	857.93	749.04	649.51	569.55	495.49
240.0	1441.13	1262.33	1109.63	961.52	837.97	729.01	634.62	552.51	480.38
270.0	1408.60	1234.78	1073.41	932.36	811.81	706.83	610.29	532.87	460.81
300.0	1421.18	1253.89	1094.28	946.94	824.93	715.96	623.11	542.53	475.77
330.0	1411.90	1246.91	1085.45	943.03	826.92	715.96	620.50	540.54	474.01
360.0	1454.94	1286.12	1115.00	972.27	845.65	740.52	640.76	556.35	487.28
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	424.36	387.52	337.34	305.34	278.25	254.69	230.52	208.04	186.63
30.0	452.75	400.57	360.74	328.36	299.35	273.95	249.17	224.30	198.90
60.0	442.55	390.82	343.78	309.64	278.56	250.09	222.85	192.07	165.75
90.0	432.03	388.29	331.05	295.52	261.98	231.90	202.59	177.11	153.24
120.0	434.03	380.77	339.03	303.42	272.34	243.72	216.63	186.09	159.77
150.0	432.03	387.52	346.09	313.32	285.31	261.29	237.50	213.56	189.39
180.0	409.63	362.43	324.91	294.52	268.97	244.33	222.85	201.05	180.26
210.0	436.02	391.29	351.30	319.31	292.29	268.12	244.10	220.54	195.53
240.0	421.29	388.29	333.66	299.05	271.73	244.72	217.40	187.09	159.46
270.0	400.11	351.23	312.25	279.02	248.55	219.78	190.85	167.75	142.04
300.0	414.38	369.11	329.51	296.90	268.43	241.65	214.71	185.32	157.54
330.0	417.38	374.71	336.88	306.57	280.94	257.38	233.67	209.88	187.09
360.0	424.36	387.52	337.34	305.34	278.25	254.69	230.52	208.04	186.63

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光强数据表(cd)

附页 第 8页 共8页

C/γ(°)	72.0	74.0	76.0	78.0	80.0	82.0	84.0	86.0	88.0
0.0	165.68	147.26	129.00	113.03	96.15	75.66	57.25	36.53	16.27
30.0	176.19	152.02	127.08	101.98	77.66	56.25	39.52	20.57	5.68
60.0	142.19	117.95	97.15	79.73	67.76	45.58	18.95	13.12	4.60
90.0	130.91	111.27	95.00	84.41	69.37	39.37	20.64	13.12	5.22
120.0	137.82	114.11	94.54	78.20	66.92	42.13	16.96	11.82	4.45
150.0	168.21	145.11	122.40	96.23	72.82	52.34	37.83	12.51	4.14
180.0	160.30	142.58	125.08	108.20	88.71	68.14	49.88	29.08	2.76
210.0	172.05	147.87	122.17	95.77	70.52	48.96	35.91	9.67	3.84
240.0	134.83	112.04	91.78	75.28	62.31	32.38	17.73	8.29	4.53
270.0	119.86	102.14	87.63	76.12	48.73	23.71	17.04	8.21	3.68
300.0	133.52	110.96	90.47	74.13	61.39	34.30	16.88	8.90	4.99
330.0	164.60	141.81	119.33	93.54	69.45	48.27	34.69	11.05	4.30
360.0	165.68	147.26	129.00	113.03	96.15	75.66	57.25	36.53	16.27

C/γ(°)	90.0
0.0	1.15
30.0	1.69
60.0	1.92
90.0	2.07
120.0	1.46
150.0	0.92
180.0	0.54
210.0	0.54
240.0	0.46
270.0	0.38
300.0	0.46
330.0	0.77
360.0	1.15