

浙大三色

Email:sensing@sensingm.com

Tel:+86 571 85021543 Fax:+86 571 87977635

ROLED

灯具名称: 投光灯

灯具描述: F3463A-48-24DC(60-OL-48WN-AA,L1000mm,C,CT)

报告编号:

电压(V): 24.0000

测试编号: 20210308010

电流(A): 2.0600

光源规格型号: OL

功率(W): 49.5000

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): 990

发光面宽度(mm): 70

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 5006.63

灯具效能(lm/w): 101.14

中心光强(cd): 4281.191

最大光强(cd): 4379.415

最大光强角度: $C=30.0$ $\gamma=2.0$

半峰边角(50%Imax): [C0/180]Total=59.8

[C90/270]Total=59.4

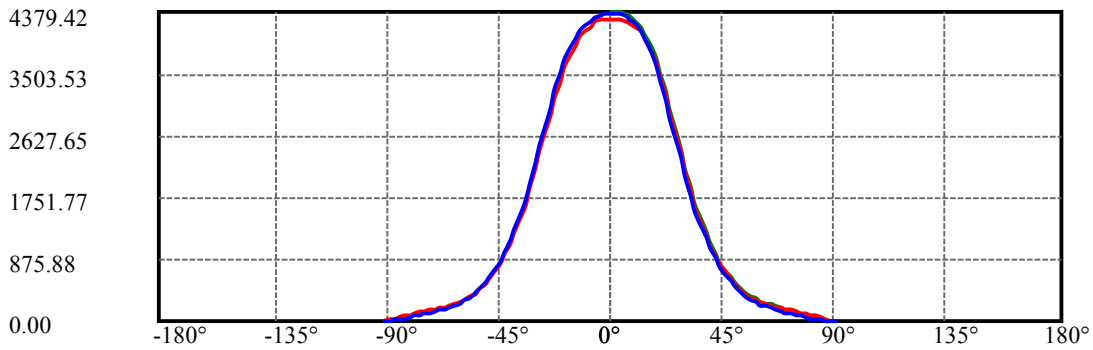
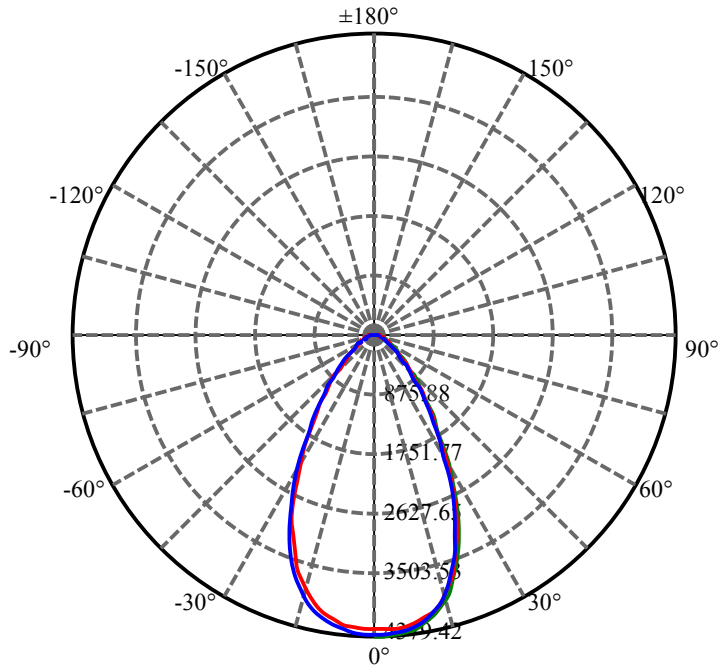
光束扩散角(10%Imax): [C0/180]Total=105.5

[C90/270]Total=104.1

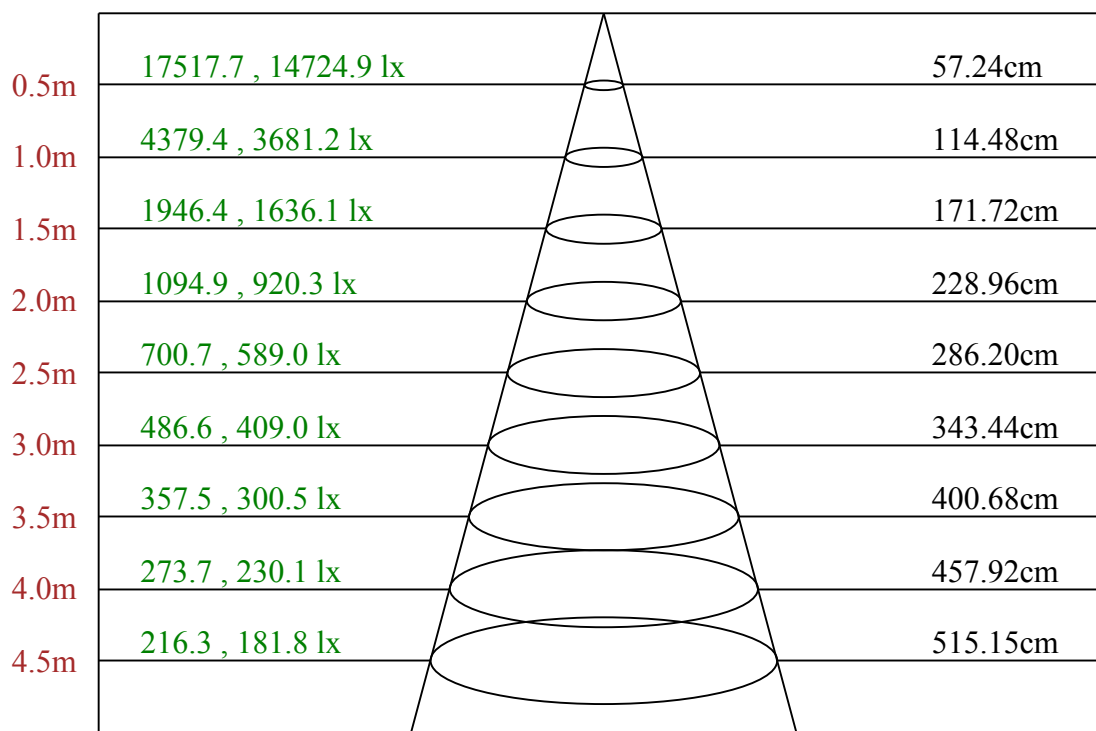
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/3/8
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

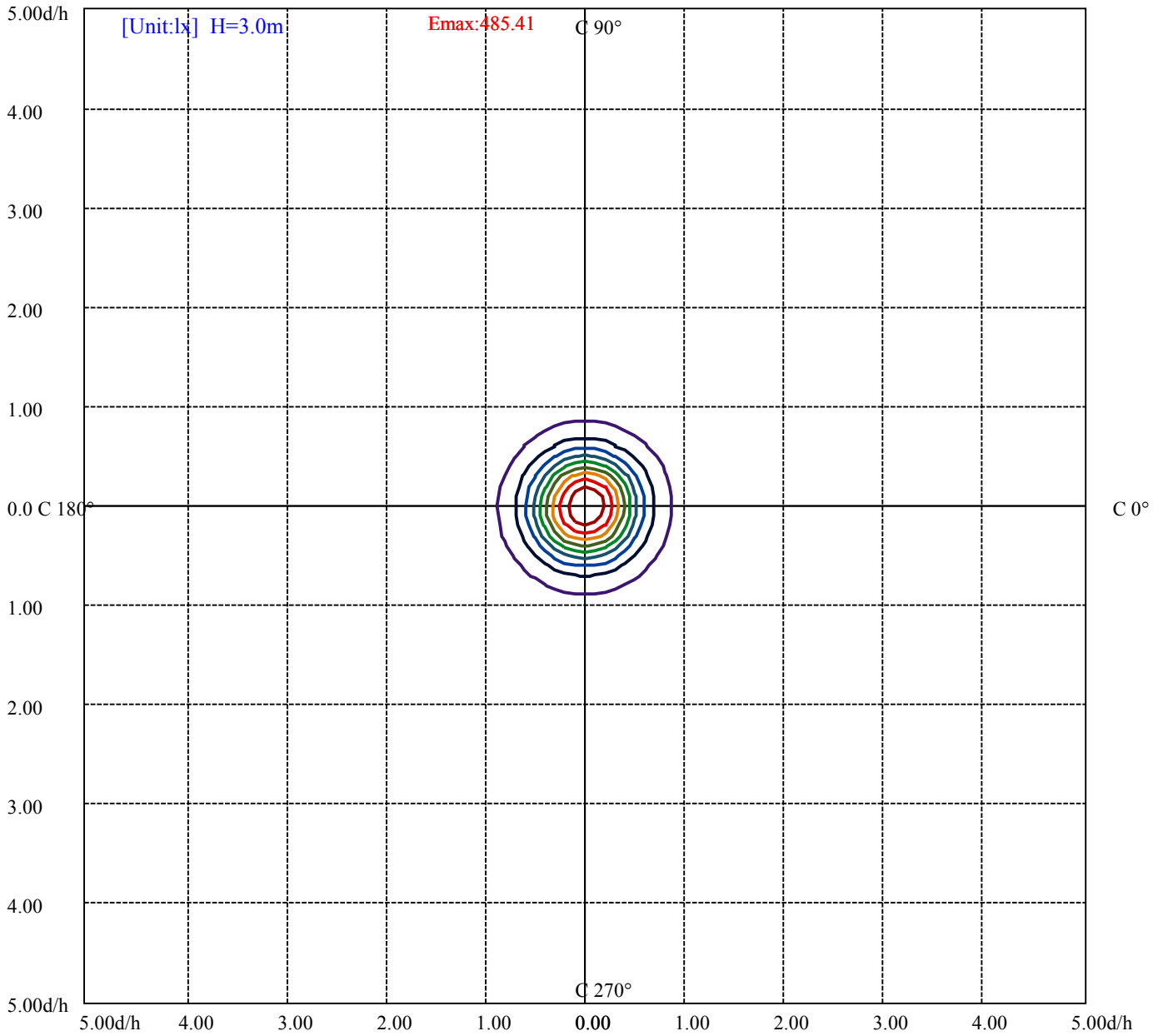


C30(Max): ——
C0/C180: ——
C90/C270: ——



Max , Ave C30面光束角59.57

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平面等照度曲线



(10%Emax) 48.54078	——
(20%Emax) 97.08156	——
(30%Emax) 145.6222	——
(40%Emax) 194.1633	——
(50%Emax) 242.7045	——
(60%Emax) 291.2444	——
(70%Emax) 339.7856	——
(80%Emax) 388.3267	——
(90%Emax) 436.8667	——

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灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

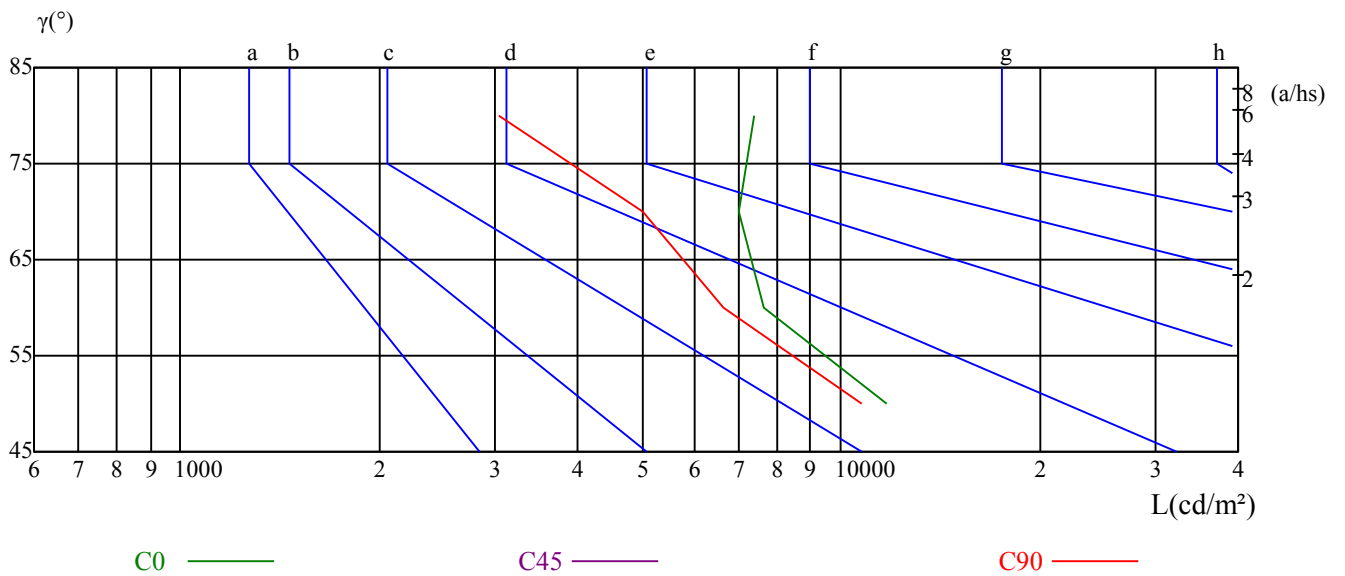
γ	45	50	55	60	65	70	75	80	85
C0	0	11714	0	7656	0	7000	0	7403	0
C45	0	0	0	0	0	0	0	0	0
C90	0	10784	0	6642	0	5022	0	3035	0

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	10.87	12.12	11.24	12.43	12.74	11.28	12.52	11.64	12.83	13.15
	3H	12.01	13.12	12.40	13.45	13.81	12.82	13.93	13.20	14.26	14.62
	4H	12.44	13.47	12.85	13.82	14.21	13.50	14.53	13.91	14.88	15.27
	6H	12.71	13.65	13.12	14.02	14.42	14.08	15.03	14.50	15.40	15.79
	8H	12.76	13.66	13.19	14.05	14.45	14.30	15.19	14.73	15.58	15.99
	12H	12.82	13.68	13.25	14.06	14.49	14.59	15.45	15.03	15.83	16.26
4H	2H	11.35	12.38	11.75	12.73	13.11	11.68	12.71	12.08	13.06	13.44
	3H	12.72	13.56	13.13	13.97	14.37	13.52	14.36	13.93	14.77	15.17
	4H	13.26	14.01	13.69	14.43	14.88	14.34	15.10	14.78	15.52	15.96
	6H	13.56	14.21	14.02	14.65	15.12	14.93	15.58	15.39	16.03	16.50
	8H	13.64	14.25	14.11	14.70	15.17	15.20	15.81	15.67	16.26	16.73
	12H	13.71	14.24	14.19	14.72	15.20	15.51	16.04	16.00	16.53	17.00
8H	4H	13.55	14.16	14.03	14.61	15.08	14.52	15.12	14.99	15.57	16.04
	6H	13.96	14.45	14.46	14.95	15.43	15.23	15.73	15.74	16.22	16.71
	8H	14.09	14.53	14.62	15.05	15.54	15.57	16.02	16.10	16.53	17.03
	12H	14.68	15.07	15.20	15.57	16.14	16.33	16.72	16.84	17.21	17.78
12H	4H	13.58	14.11	14.07	14.60	15.07	14.50	15.04	14.99	15.52	16.00
	6H	14.55	14.46	14.55	14.93	15.47	15.77	15.68	15.77	16.15	16.70
	8H	14.19	14.58	14.71	15.07	15.65	15.62	16.01	16.14	16.50	17.08
对应照射距离，改变观察者位置S											
S = 1.0H	0.9/-1.3					0.7/-1.1					
S = 1.5H	1.8/-1.8					1.4/-1.4					
S = 2.0H	3.7/-2.1					2.8/-1.5					
标准表格	BK3					BK3					
更正系数	2.4					3.4					

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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	4281.19	4280.42	4268.91	4251.26	4220.57	4164.55	4095.49	3989.59	3843.79
30.0	4374.04	4379.41	4375.58	4357.16	4319.56	4256.63	4173.76	4054.81	3909.01
60.0	4363.30	4368.67	4360.23	4336.44	4288.86	4222.10	4124.65	3991.89	3828.44
90.0	4349.49	4352.56	4344.88	4319.56	4272.75	4206.76	4116.20	3988.82	3826.14
120.0	4344.88	4345.65	4331.84	4301.14	4245.12	4169.15	4068.63	3931.27	3764.75
150.0	4313.42	4291.17	4250.50	4190.64	4116.20	4002.63	3890.60	3750.93	3602.06
180.0	4281.19	4278.12	4263.54	4230.54	4174.53	4103.16	4014.91	3895.20	3752.47
210.0	4374.04	4361.77	4339.51	4299.61	4243.59	4167.62	4079.37	3958.13	3816.93
240.0	4363.30	4350.25	4334.14	4300.38	4254.33	4188.34	4106.23	4004.17	3859.13
270.0	4349.49	4341.05	4326.47	4296.54	4252.80	4189.11	4114.67	4004.94	3866.04
300.0	4344.88	4340.28	4329.54	4307.28	4268.91	4207.52	4130.79	4025.65	3878.32
330.0	4313.42	4323.40	4318.79	4301.91	4261.24	4200.62	4116.97	3999.56	3847.62
360.0	4281.19	4280.42	4268.91	4251.26	4220.57	4164.55	4095.49	3989.59	3843.79
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	3673.43	3460.10	3215.31	2930.61	2665.10	2384.24	2120.26	1863.19	1614.56
30.0	3719.47	3506.14	3272.86	2998.91	2715.74	2428.75	2160.93	1901.56	1665.97
60.0	3631.22	3404.85	3137.03	2869.99	2589.89	2312.10	2037.38	1787.99	1530.45
90.0	3626.62	3395.64	3140.87	2855.41	2580.69	2311.34	2034.31	1777.24	1554.70
120.0	3569.83	3344.22	3081.01	2821.64	2549.99	2278.34	2004.39	1759.59	1525.93
150.0	3424.03	3223.75	3011.18	2749.51	2525.43	2281.41	2039.69	1794.13	1583.86
180.0	3583.65	3381.83	3153.92	2919.87	2672.00	2399.58	2137.14	1871.63	1633.74
210.0	3645.04	3435.54	3199.96	2958.23	2679.68	2399.58	2145.58	1877.77	1657.53
240.0	3700.29	3510.75	3287.44	3040.34	2784.81	2505.48	2230.76	1974.46	1726.60
270.0	3704.12	3501.54	3280.53	3022.69	2744.14	2480.93	2227.69	1943.76	1702.04
300.0	3713.33	3516.88	3288.97	3039.58	2783.27	2507.78	2234.60	1976.76	1727.36
330.0	3674.20	3460.87	3235.26	2980.49	2717.28	2424.91	2163.23	1896.95	1662.90
360.0	3673.43	3460.10	3215.31	2930.61	2665.10	2384.24	2120.26	1863.19	1614.56
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	1418.88	1223.96	1065.12	926.99	802.68	696.01	601.62	521.82	447.38
30.0	1464.15	1265.40	1105.79	956.15	829.53	715.19	620.04	533.33	459.66
60.0	1381.74	1201.33	1039.79	905.27	779.27	673.60	572.39	494.04	423.51
90.0	1365.16	1185.60	1027.52	884.78	765.07	654.57	563.25	480.38	410.55
120.0	1358.95	1181.15	1022.45	890.16	766.61	663.40	565.02	489.05	420.75
150.0	1383.58	1194.80	1010.63	856.39	741.29	638.46	551.74	473.47	414.38
180.0	1430.01	1255.43	1090.75	955.08	828.08	710.59	609.45	527.34	452.52
210.0	1459.86	1268.32	1111.70	958.38	831.07	718.11	624.72	536.78	465.03
240.0	1522.47	1320.65	1154.13	1002.19	872.51	749.73	646.13	557.88	476.54
270.0	1508.35	1309.99	1146.00	985.31	851.33	731.00	632.01	537.70	458.97
300.0	1526.31	1322.19	1153.37	1002.19	870.97	747.42	643.06	556.35	475.01
330.0	1473.29	1278.60	1119.14	971.88	835.37	720.57	625.87	536.93	464.19
360.0	1418.88	1223.96	1065.12	926.99	802.68	696.01	601.62	521.82	447.38
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	389.06	336.42	296.51	265.28	241.34	219.70	200.44	182.02	165.91
30.0	399.04	353.38	313.70	281.24	255.46	232.13	212.49	193.38	175.27
60.0	365.65	320.46	281.01	249.93	220.39	197.45	175.65	156.01	134.60
90.0	352.00	304.96	263.21	230.14	204.81	181.79	161.07	138.66	119.02
120.0	366.88	319.84	281.24	249.32	222.92	198.75	176.88	157.08	135.90
150.0	379.47	329.28	297.13	269.89	247.94	226.68	205.27	190.92	171.20
180.0	390.98	343.94	303.88	273.19	246.25	223.84	201.82	185.40	172.05
210.0	404.94	356.37	316.93	284.85	258.30	235.28	215.86	195.99	177.95
240.0	410.55	356.37	311.86	274.26	242.03	216.02	193.46	173.04	151.10
270.0	394.97	336.42	288.92	250.16	220.54	195.76	173.27	152.40	130.99
300.0	410.55	354.37	310.02	272.88	241.95	214.48	191.46	169.97	149.10
330.0	406.48	354.60	314.47	281.93	255.31	232.21	211.72	193.23	175.35
360.0	389.06	336.42	296.51	265.28	241.34	219.70	200.44	182.02	165.91

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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	151.48	135.60	121.02	105.05	89.09	73.51	55.63	34.15	12.05
30.0	156.70	136.44	115.18	92.09	71.21	52.87	33.53	11.59	5.29
60.0	113.11	96.15	83.26	66.15	45.58	24.79	16.58	10.59	5.76
90.0	103.52	93.47	76.89	60.55	36.53	24.94	16.19	12.12	6.06
120.0	114.26	96.46	84.41	66.92	46.66	25.17	16.96	10.59	5.99
150.0	154.24	134.75	113.26	90.24	70.83	52.57	34.15	11.89	5.53
180.0	153.86	137.74	122.78	107.13	89.63	72.75	54.71	34.76	17.96
210.0	160.30	138.51	117.41	95.15	74.05	55.56	38.45	13.05	6.22
240.0	130.84	109.73	93.54	80.57	64.08	42.28	23.02	14.89	9.98
270.0	112.80	99.61	86.94	71.75	54.48	30.62	22.56	13.89	10.90
300.0	128.92	107.66	92.09	78.58	62.69	40.82	22.71	14.50	9.75
330.0	157.77	136.36	115.34	93.39	72.21	54.18	36.99	12.51	6.06
360.0	151.48	135.60	121.02	105.05	89.09	73.51	55.63	34.15	12.05

C/γ(°)	90.0
0.0	0.84
30.0	1.00
60.0	0.38
90.0	0.38
120.0	0.46
150.0	1.53
180.0	2.23
210.0	2.76
240.0	4.22
270.0	4.60
300.0	3.99
330.0	2.76
360.0	0.84