

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: F3071A-36-UN(45-OL-36WN-AA, L350mm, C, CT)

报告编号:

电压(V): 220.2000

测试编号: 20210329010

电流(A): 0.2000

光源规格型号: OL

功率(W): 43.2000

每个光源光通量(lm)

功率因数: 0.9820

光源数量: 36

镇流器型号:

发光面长度(mm): 290

发光面宽度(mm): 103

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 3730.83

灯具效能(lm/w): 86.36

中心光强(cd): 5028.615

最大光强(cd): 5076.960

最大光强角度: C=30.0 γ =0.0

半峰边角(50%Imax): [C0/180]Total=42.3

[C90/270]Total=42.6

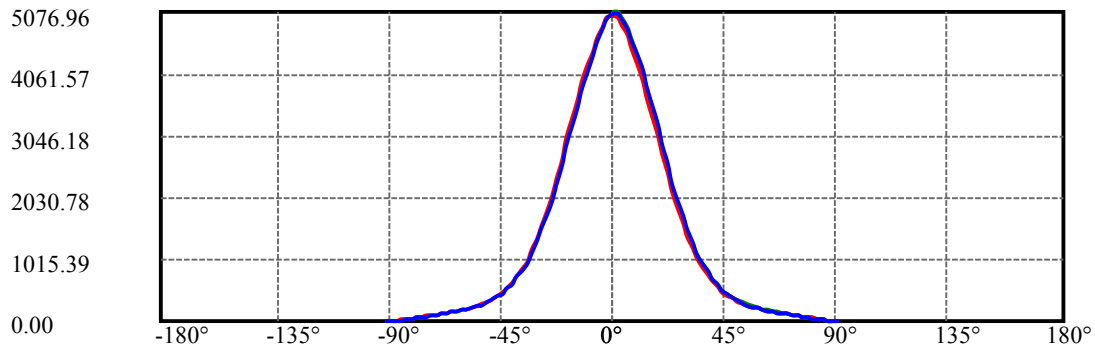
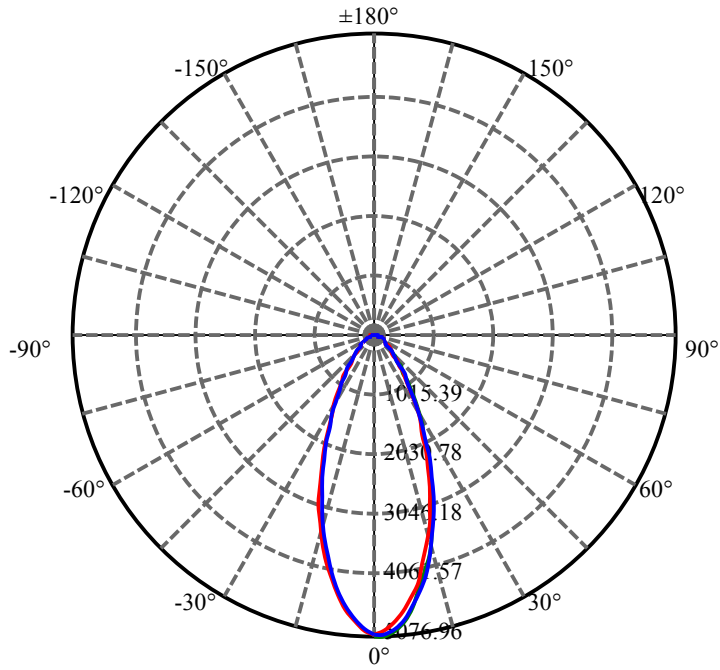
光束扩散角(10%Imax): [C0/180]Total=86.5

[C90/270]Total=87.0

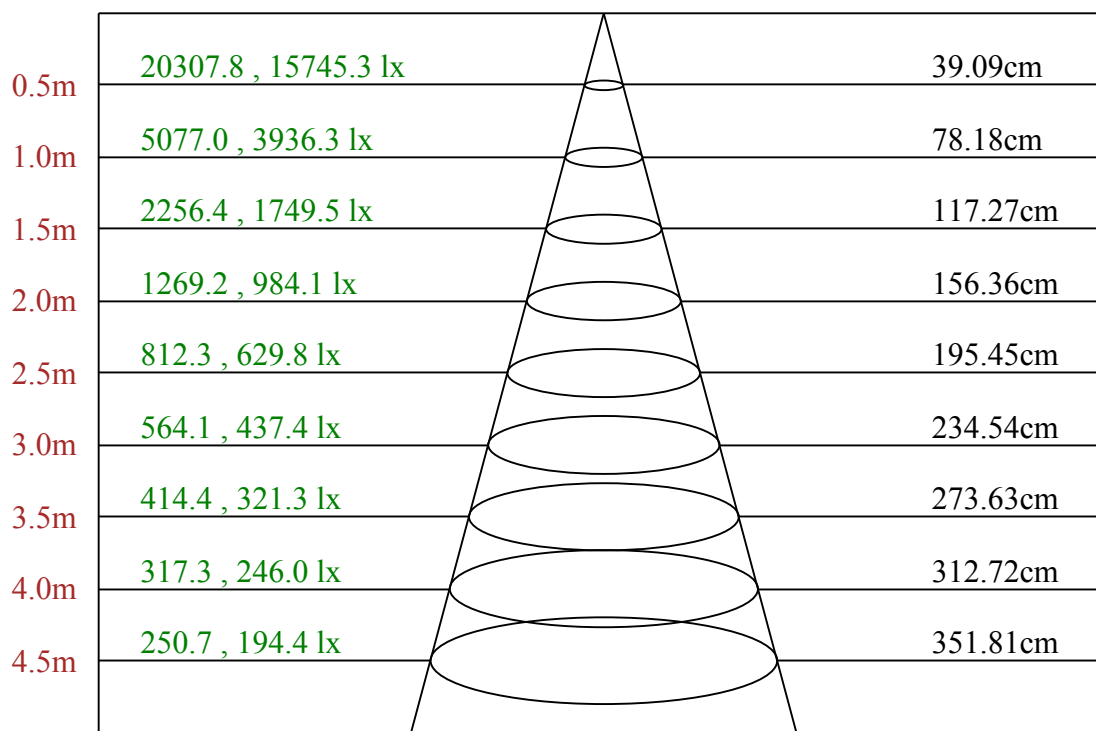
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/3/29
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

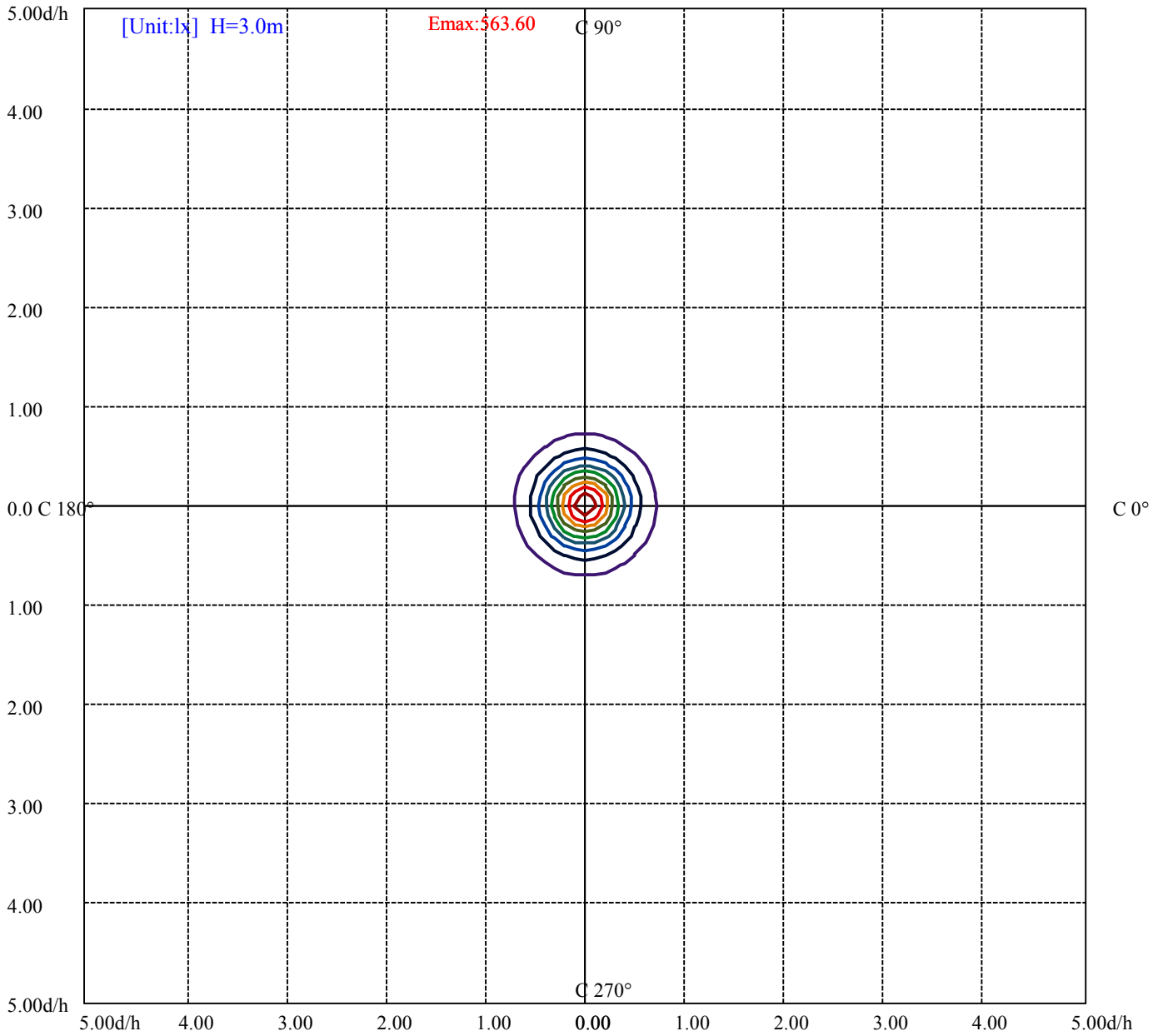


C30(Max): ——
C0/C180: ——
C90/C270: ——



Max , Ave C30面光束角42.69

ROLED 投光灯
平面等照度曲线



(10%Emax) 56.35944	—
(20%Emax) 112.7189	—
(30%Emax) 169.0789	—
(40%Emax) 225.4378	—
(50%Emax) 281.7978	—
(60%Emax) 338.1566	—
(70%Emax) 394.5167	—
(80%Emax) 450.8755	—
(90%Emax) 507.2356	—

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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

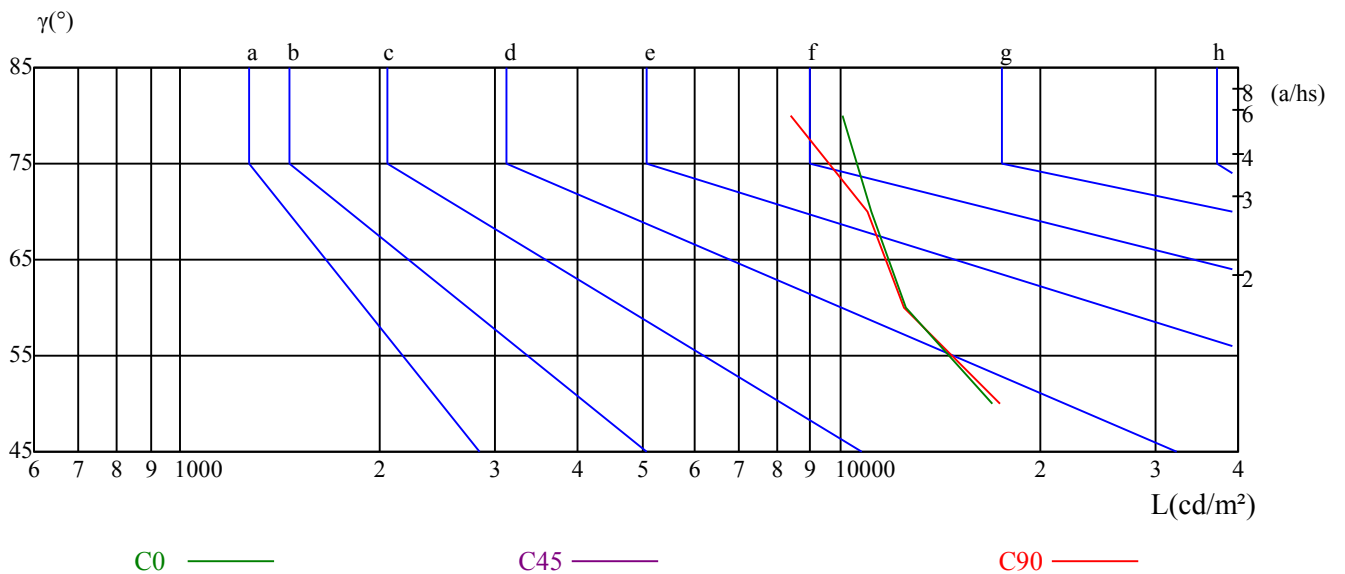
γ	45	50	55	60	65	70	75	80	85
C0	0	17010	0	12594	0	11162	0	10075	0
C45	0	0	0	0	0	0	0	0	0
C90	0	17470	0	12496	0	10944	0	8389	0

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



测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/3/29
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	13.30	14.49	13.67	14.81	15.12	13.53	14.72	13.90	15.04	15.35
	3H	14.80	15.86	15.19	16.19	16.56	15.05	16.11	15.43	16.44	16.81
	4H	15.36	16.35	15.77	16.70	17.09	15.65	16.63	16.05	16.99	17.37
	6H	15.70	16.61	16.12	16.98	17.37	16.09	16.99	16.50	17.36	17.76
	8H	15.78	16.63	16.21	17.02	17.43	16.21	17.07	16.64	17.46	17.86
	12H	15.84	16.66	16.27	17.04	17.47	16.33	17.15	16.77	17.53	17.96
4H	2H	13.80	14.78	14.20	15.14	15.52	13.99	14.97	14.39	15.32	15.71
	3H	15.51	16.32	15.92	16.72	17.13	15.75	16.56	16.17	16.97	17.37
	4H	16.18	16.91	16.62	17.33	17.77	16.47	17.19	16.90	17.61	18.06
	6H	16.55	17.17	17.02	17.62	18.09	16.93	17.55	17.39	18.00	18.47
	8H	16.65	17.23	17.12	17.68	18.15	17.09	17.67	17.56	18.12	18.59
	12H	16.72	17.23	17.21	17.71	18.19	17.22	17.73	17.71	18.21	18.69
8H	4H	16.42	17.00	16.89	17.45	17.92	16.67	17.25	17.14	17.70	18.17
	6H	16.89	17.36	17.39	17.85	18.34	17.24	17.71	17.75	18.21	18.69
	8H	17.04	17.45	17.56	17.97	18.47	17.47	17.88	17.99	18.40	18.90
	12H	17.63	17.99	18.15	18.49	19.06	18.11	18.47	18.62	18.97	19.54
12H	4H	16.42	16.93	16.91	17.41	17.89	16.66	17.17	17.15	17.65	18.13
	6H	17.39	17.34	17.45	17.80	18.35	17.73	17.68	17.79	18.15	18.69
	8H	17.10	17.46	17.62	17.96	18.54	17.52	17.88	18.03	18.38	18.95
对应照射距离，改变观察者位置S											
S = 1.0H	0.8/-1.0					0.7/-0.9					
S = 1.5H	1.6/-1.3					1.3/-1.3					
S = 2.0H	3.2/-1.5					2.7/-1.4					
标准表格	BK3					BK3					
更正系数	4.3					4.5					

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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	5028.61	4990.25	4862.09	4687.13	4472.27	4232.08	3934.34	3655.78	3346.53
30.0	5076.96	5074.66	4977.97	4829.10	4624.98	4374.81	4097.02	3810.79	3490.03
60.0	5067.75	5062.38	4966.46	4809.91	4612.70	4367.14	4093.18	3805.42	3486.19
90.0	5050.87	5055.47	4961.85	4805.31	4615.77	4377.11	4125.41	3836.11	3526.09
120.0	5047.80	5023.24	4914.28	4759.27	4554.38	4323.40	4050.98	3762.44	3444.75
150.0	5033.22	5006.36	4894.32	4724.73	4529.82	4286.56	4027.19	3731.75	3415.59
180.0	5028.61	4971.83	4830.63	4647.23	4420.85	4178.36	3902.87	3615.88	3301.25
210.0	5076.96	4997.15	4847.51	4664.88	4415.48	4149.20	3849.16	3528.39	3206.86
240.0	5067.75	4989.48	4839.84	4649.53	4417.78	4145.37	3842.25	3547.58	3218.37
270.0	5050.87	4954.95	4785.36	4580.47	4352.56	4077.07	3799.28	3493.86	3171.57
300.0	5047.80	4970.29	4821.42	4636.49	4408.58	4142.30	3858.37	3553.72	3232.96
330.0	5033.22	4964.16	4817.59	4631.88	4417.02	4148.43	3860.67	3552.18	3243.70
360.0	5028.61	4990.25	4862.09	4687.13	4472.27	4232.08	3934.34	3655.78	3346.53
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	3041.11	2731.86	2421.84	2139.44	1872.40	1620.70	1398.93	1213.22	1038.26
30.0	3181.54	2855.41	2532.34	2229.99	1946.07	1700.51	1471.06	1276.15	1095.05
60.0	3160.82	2828.55	2523.90	2223.86	1939.16	1694.37	1474.44	1267.71	1095.43
90.0	3210.70	2887.64	2580.69	2275.27	2001.32	1737.34	1505.59	1304.54	1115.00
120.0	3123.99	2794.78	2490.90	2190.09	1906.16	1661.37	1442.67	1239.16	1061.28
150.0	3110.94	2787.88	2468.65	2169.37	1903.09	1646.79	1431.16	1227.80	1050.54
180.0	2984.33	2661.26	2348.17	2071.15	1798.73	1529.46	1356.26	1161.81	993.06
210.0	2879.19	2572.24	2256.85	1975.23	1728.13	1496.38	1292.26	1110.24	955.69
240.0	2885.33	2584.52	2276.80	1988.27	1731.97	1507.89	1296.87	1116.53	963.06
270.0	2856.17	2559.20	2251.48	1974.46	1730.43	1503.90	1309.91	1116.76	961.45
300.0	2908.36	2613.68	2309.03	2035.85	1780.31	1541.66	1327.56	1144.92	986.85
330.0	2926.77	2630.56	2319.78	2038.15	1788.75	1524.01	1345.21	1157.28	996.13
360.0	3041.11	2731.86	2421.84	2139.44	1872.40	1620.70	1398.93	1213.22	1038.26
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	887.85	768.14	655.34	562.49	485.75	421.29	377.55	326.60	288.15
30.0	938.50	808.81	691.41	593.18	510.31	445.85	387.52	344.63	304.96
60.0	938.42	801.75	690.25	591.34	508.23	439.09	383.69	334.88	294.14
90.0	955.38	816.49	703.68	601.62	520.28	446.61	388.29	335.42	293.21
120.0	914.25	778.81	669.46	573.31	493.12	425.82	371.95	324.37	284.70
150.0	898.60	767.38	660.71	565.56	489.59	422.82	389.83	327.21	289.30
180.0	855.32	729.62	628.02	538.39	463.26	400.65	349.31	308.56	272.88
210.0	819.79	707.44	604.46	521.28	451.22	394.74	347.16	307.03	275.10
240.0	822.63	711.36	603.16	521.82	453.52	395.20	347.24	306.26	272.19
270.0	825.77	713.66	610.22	526.57	454.13	395.28	345.32	302.12	267.05
300.0	843.35	729.01	622.34	534.09	463.50	405.17	355.06	314.62	277.87
330.0	854.93	731.77	629.63	542.53	468.94	406.79	359.59	317.54	283.93
360.0	887.85	768.14	655.34	562.49	485.75	421.29	377.55	326.60	288.15
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	256.69	230.60	208.04	188.08	170.97	155.70	141.27	127.54	114.03
30.0	272.42	245.02	222.62	202.13	184.02	167.59	151.48	136.36	121.71
60.0	261.60	232.36	208.96	187.62	170.89	154.78	140.28	125.39	110.96
90.0	257.99	229.45	206.81	186.63	169.28	152.40	138.28	123.70	111.81
120.0	252.93	224.53	200.67	180.87	164.76	148.95	134.14	120.32	106.59
150.0	258.15	232.21	210.80	191.46	174.81	158.16	142.89	128.23	114.19
180.0	244.72	219.47	197.37	178.88	163.14	147.95	133.98	121.09	107.89
210.0	247.79	225.15	203.51	186.86	169.90	154.63	139.66	124.39	109.66
240.0	242.41	217.40	195.22	177.80	161.84	146.72	131.68	117.41	103.67
270.0	237.96	214.64	193.69	175.88	158.85	143.96	130.99	117.18	105.28
300.0	247.48	222.85	198.67	180.79	164.53	149.56	134.52	120.55	107.20
330.0	255.23	230.52	209.03	191.77	174.65	158.46	144.11	129.23	114.26
360.0	256.69	230.60	208.04	188.08	170.97	155.70	141.27	127.54	114.03

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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	101.75	89.78	77.43	65.00	52.26	39.44	26.55	13.43	2.30
30.0	106.74	92.01	78.04	63.62	50.72	37.06	22.71	10.90	3.53
60.0	99.45	86.71	71.98	56.33	43.28	28.85	16.04	9.21	4.68
90.0	99.14	85.18	70.60	56.10	43.51	28.16	15.96	9.82	5.83
120.0	95.46	81.88	67.84	52.18	40.75	25.48	12.66	7.67	3.99
150.0	99.91	85.49	71.67	57.48	45.74	30.39	17.57	6.37	2.07
180.0	95.38	82.80	70.68	57.94	45.74	32.23	19.41	6.91	1.23
210.0	94.85	79.81	64.92	52.72	38.98	25.02	12.66	4.14	1.46
240.0	92.39	79.42	63.92	49.04	36.14	21.87	11.82	5.91	2.84
270.0	92.55	77.74	61.85	50.65	34.07	21.26	13.97	7.06	3.45
300.0	95.23	82.95	67.99	53.03	40.82	25.55	13.35	7.52	3.91
330.0	100.68	85.95	71.44	57.55	45.43	31.23	18.42	7.60	2.38
360.0	101.75	89.78	77.43	65.00	52.26	39.44	26.55	13.43	2.30
C/γ(°)	90.0								
0.0	0.54								
30.0	1.15								
60.0	1.61								
90.0	1.38								
120.0	0.38								
150.0	0.31								
180.0	0.31								
210.0	0.31								
240.0	0.23								
270.0	0.15								
300.0	0.23								
330.0	0.46								
360.0	0.54								