

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: F3082B5-18-UN-RC-Y(40-XL-18RGBWN-AJ, L480mm, C, CT)

报告编号:

电压(V): 201.9000

测试编号: 20210225003

电流(A): 0.6550

光源规格型号: XL

功率(W): 131.1000

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): 5169.57

灯具效能(lm/w): 39.43

中心光强(cd): 7175.733

最大光强(cd): 7633.089

最大光强角度: C=30.0 γ =0.0

半峰边角(50%Imax): [C0/180]Total=42.4

[C90/270]Total=42.7

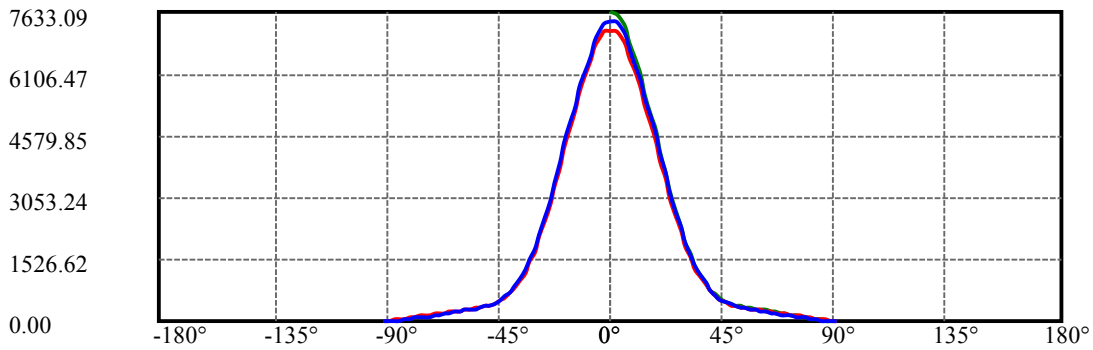
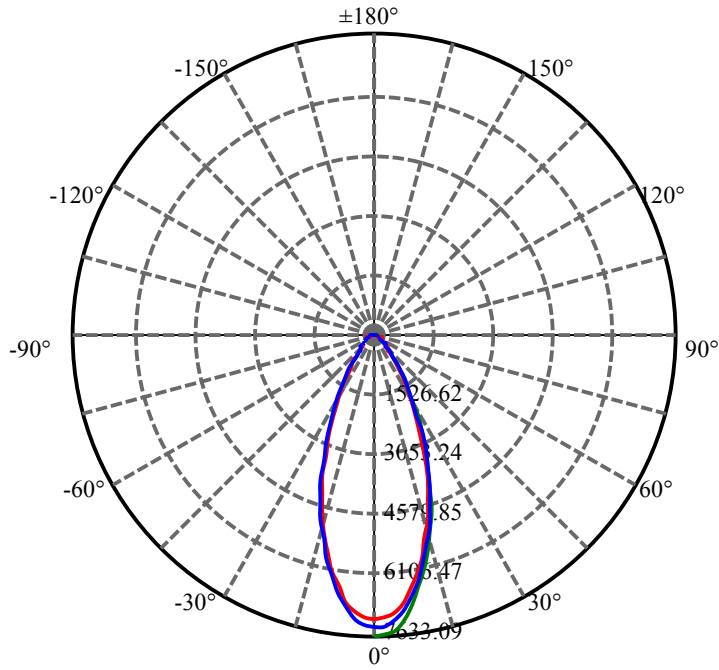
光束扩散角(10%Imax): [C0/180]Total=79.9

[C90/270]Total=80.1

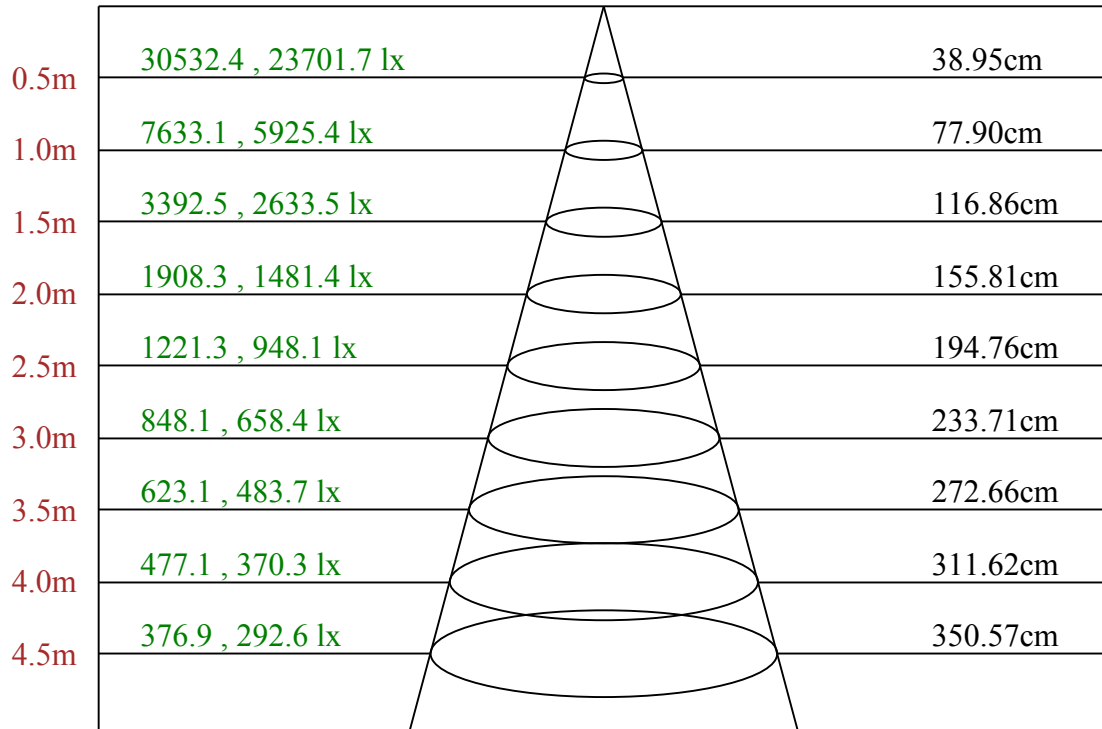
测试设备: GMS1800
环境温度(°C): 25.0

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

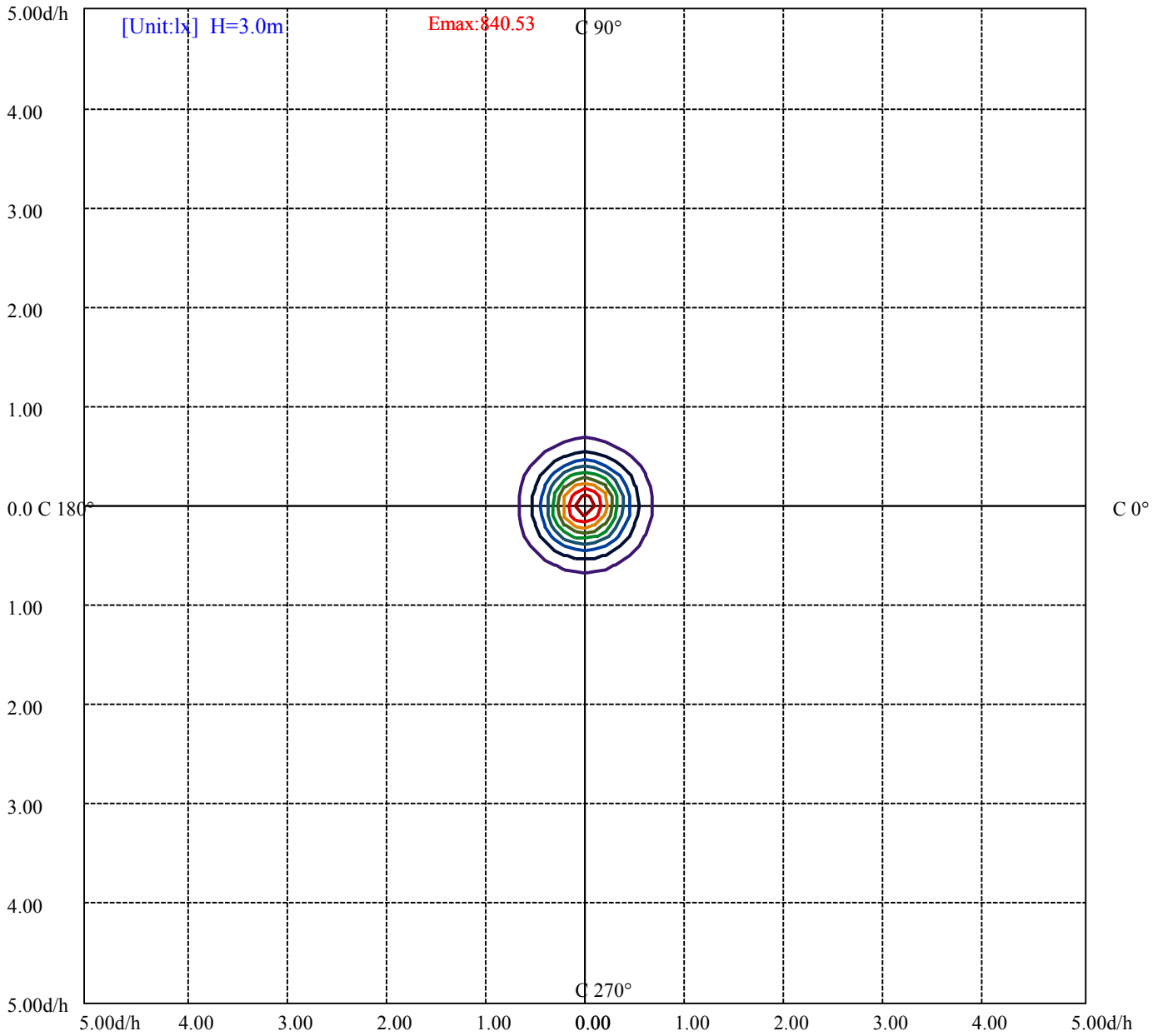


C30(Max): —
C0/C180: —
C90/C270: —



Max , Ave C30面光束角42.56

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平面等照度曲线



- (10%Emax) 84.05312
- (20%Emax) 168.1067
- (30%Emax) 252.1589
- (40%Emax) 336.2122
- (50%Emax) 420.2655
- (60%Emax) 504.3189
- (70%Emax) 588.3711
- (80%Emax) 672.4244
- (90%Emax) 756.4778

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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

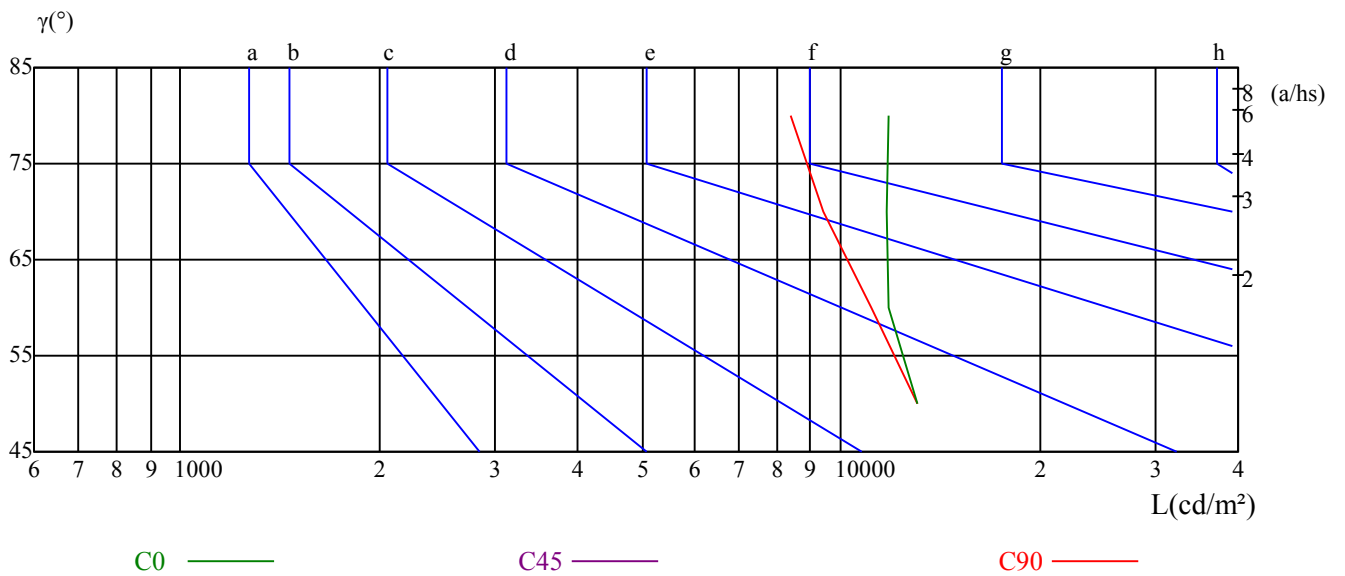
γ	45	50	55	60	65	70	75	80	85
C0	0	13062	0	11829	0	11758	0	11794	0
C45	0	0	0	0	0	0	0	0	0
C90	0	13073	0	11130	0	9438	0	8377	0

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: 2021/2/25
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	11.79	12.96	12.15	13.27	13.59	12.10	13.28	12.47	13.59	13.90
	3H	13.26	14.30	13.64	14.63	15.00	13.98	15.02	14.36	15.35	15.72
	4H	13.77	14.74	14.17	15.09	15.48	14.71	15.68	15.12	16.04	16.42
	6H	14.13	15.02	14.55	15.40	15.79	15.30	16.19	15.72	16.56	16.96
	8H	14.22	15.06	14.65	15.46	15.86	15.51	16.35	15.94	16.74	17.15
	12H	14.29	15.09	14.72	15.47	15.91	15.78	16.58	16.21	16.97	17.40
4H	2H	12.40	13.37	12.81	13.72	14.11	12.65	13.62	13.05	13.97	14.36
	3H	14.05	14.85	14.46	15.26	15.66	14.76	15.56	15.17	15.96	16.37
	4H	14.66	15.37	15.09	15.80	16.24	15.61	16.33	16.05	16.75	17.19
	6H	15.04	15.66	15.51	16.11	16.58	16.19	16.81	16.66	17.25	17.72
	8H	15.17	15.74	15.64	16.19	16.66	16.45	17.02	16.92	17.47	17.94
	12H	15.23	15.74	15.72	16.22	16.70	16.72	17.23	17.21	17.71	18.19
8H	4H	14.96	15.53	15.43	15.98	16.45	15.79	16.37	16.27	16.82	17.29
	6H	15.47	15.93	15.97	16.43	16.92	16.50	16.96	17.00	17.46	17.94
	8H	15.64	16.06	16.17	16.57	17.07	16.82	17.24	17.35	17.75	18.25
	12H	16.25	16.60	16.76	17.10	17.68	17.58	17.94	18.10	18.44	19.01
12H	4H	14.98	15.48	15.46	15.96	16.44	15.78	16.29	16.27	16.77	17.25
	6H	15.98	15.94	16.05	16.40	16.95	16.97	16.92	17.04	17.39	17.94
	8H	15.73	16.09	16.25	16.59	17.16	16.88	17.23	17.39	17.73	18.31
对应照射距离，改变观察者位置S											
S = 1.0H	0.9/-0.8					0.7/-0.7					
S = 1.5H	1.5/-1.1					1.2/-0.9					
S = 2.0H	3.0/-1.3					2.2/-1.0					
标准表格	BK3					BK3					
更正系数	3.4					4.1					

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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	7175.73	7140.43	7046.05	6825.81	6504.28	6154.36	5745.34	5314.85	4867.47
30.0	7633.09	7597.79	7491.12	7238.66	6871.85	6472.05	6076.08	5614.89	5139.88
60.0	7496.50	7474.24	7339.95	7087.48	6728.35	6353.87	5930.28	5477.53	5031.68
90.0	7393.67	7377.55	7282.40	7055.25	6737.56	6327.02	5944.86	5505.16	5066.98
120.0	7307.72	7284.70	7177.27	6951.66	6626.29	6270.23	5864.29	5423.05	4980.27
150.0	7234.05	7221.78	7132.76	6919.43	6614.01	6238.00	5859.68	5419.98	4977.20
180.0	7175.73	7148.87	7019.96	6771.33	6432.15	6068.41	5653.26	5202.04	4733.18
210.0	7633.09	7610.07	7482.68	7203.36	6861.88	6447.49	6002.42	5542.76	5080.03
240.0	7496.50	7474.24	7357.60	7082.11	6717.61	6340.06	5878.87	5454.51	4977.20
270.0	7393.67	7348.39	7201.82	6910.99	6561.83	6168.17	5765.30	5324.82	4878.98
300.0	7307.72	7263.21	7149.64	6890.27	6549.55	6200.40	5786.02	5347.08	4888.19
330.0	7234.05	7181.10	7058.32	6804.32	6473.58	6115.99	5698.53	5262.66	4800.70
360.0	7175.73	7140.43	7046.05	6825.81	6504.28	6154.36	5745.34	5314.85	4867.47

C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	4414.71	3948.15	3500.77	3029.60	2605.24	2215.41	1870.10	1561.61	1293.80
30.0	4677.16	4164.55	3658.08	3202.26	2746.44	2332.06	1961.41	1647.56	1360.56
60.0	4545.17	4047.14	3553.72	3095.59	2651.28	2264.53	1896.95	1524.55	1309.30
90.0	4598.88	4110.07	3644.27	3171.57	2721.12	2311.34	1962.18	1635.28	1352.12
120.0	4499.89	4003.40	3515.35	3063.36	2620.59	2239.20	1877.00	1524.85	1301.09
150.0	4504.50	4015.68	3533.77	3092.53	2649.75	2247.64	1909.23	1589.24	1328.33
180.0	4246.66	3782.40	3308.16	2873.06	2449.46	2084.19	1725.83	1452.49	1202.55
210.0	4576.63	4079.37	3599.76	3107.11	2684.28	2250.71	1899.26	1530.07	1325.95
240.0	4500.66	4011.07	3520.72	3058.76	2625.19	2223.86	1850.14	1553.94	1286.89
270.0	4393.99	3915.15	3420.19	2972.81	2548.46	2151.72	1818.68	1526.62	1273.38
300.0	4429.29	3948.15	3466.24	3011.95	2566.11	2189.32	1824.82	1536.29	1273.84
330.0	4351.02	3885.22	3437.08	2976.65	2563.04	2171.67	1839.40	1530.84	1277.91
360.0	4414.71	3948.15	3500.77	3029.60	2605.24	2215.41	1870.10	1561.61	1293.80

C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	1075.09	890.16	736.68	611.60	524.12	452.75	400.57	370.26	346.16
30.0	1135.72	936.97	771.98	642.29	545.60	471.17	422.06	389.06	363.20
60.0	1095.28	904.66	749.57	631.01	537.01	466.33	417.07	385.68	357.14
90.0	1128.04	932.36	768.91	636.15	538.70	461.19	408.24	370.57	340.33
120.0	1091.75	903.97	748.04	630.94	538.16	469.02	418.37	388.22	359.52
150.0	1102.72	910.11	751.26	627.71	531.79	459.66	412.85	387.52	356.14
180.0	1004.34	829.53	688.64	583.82	499.10	436.02	391.98	364.27	337.26
210.0	1093.97	905.04	753.56	627.18	533.63	463.42	419.52	388.45	361.20
240.0	1071.26	887.85	734.38	610.83	525.65	458.12	410.55	388.29	356.45
270.0	1040.79	870.74	714.43	600.47	511.00	441.24	395.35	360.59	332.27
300.0	1063.58	880.95	732.08	613.90	521.82	458.12	409.78	387.52	356.83
330.0	1067.96	884.40	735.30	604.77	519.13	450.45	405.63	376.40	351.77
360.0	1075.09	890.16	736.68	611.60	524.12	452.75	400.57	370.26	346.16

C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	320.30	299.97	280.02	260.83	244.56	227.76	210.26	193.76	177.34
30.0	341.71	319.69	300.50	280.48	261.60	241.49	222.54	201.90	180.72
60.0	330.43	306.95	283.09	259.91	237.81	216.94	193.76	171.51	149.25
90.0	314.24	290.30	267.20	245.41	224.30	201.97	180.03	161.69	142.35
120.0	331.28	307.41	282.78	259.83	237.81	216.86	193.53	170.74	148.10
150.0	333.27	313.70	293.67	274.18	256.15	237.12	218.55	197.29	177.49
180.0	314.16	293.98	274.57	257.07	240.42	224.46	207.88	191.77	173.81
210.0	339.87	319.54	299.05	279.56	261.14	241.11	221.85	201.82	180.26
240.0	328.05	304.19	281.63	258.07	237.81	216.17	192.15	169.05	146.88
270.0	307.95	285.08	262.14	239.88	218.86	195.45	174.58	156.31	136.29
300.0	327.52	304.65	280.86	257.45	236.28	215.48	191.38	169.13	146.57
330.0	330.36	309.94	289.22	270.12	252.08	232.28	212.79	193.92	173.04
360.0	320.30	299.97	280.02	260.83	244.56	227.76	210.26	193.76	177.34

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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	158.31	140.05	123.16	106.59	90.32	69.83	52.26	33.46	14.58
30.0	159.38	136.98	114.65	90.47	70.60	50.49	34.84	18.19	5.83
60.0	129.46	109.73	91.16	73.90	62.62	40.52	17.42	11.97	4.45
90.0	123.09	104.44	88.25	77.81	64.15	35.99	18.26	12.74	4.91
120.0	128.38	108.74	90.40	73.28	62.54	40.90	17.19	11.66	4.22
150.0	156.62	135.98	112.73	88.32	68.91	49.11	34.15	18.19	5.53
180.0	155.01	136.36	118.87	103.37	84.18	65.07	47.88	29.54	7.90
210.0	160.07	138.13	113.80	89.17	69.14	47.88	34.69	12.12	4.60
240.0	127.61	108.20	89.55	72.52	60.16	34.69	17.34	9.59	5.37
270.0	116.64	98.30	84.18	72.75	48.57	24.48	17.65	7.90	4.83
300.0	126.23	107.05	88.32	71.14	58.93	33.76	16.50	9.29	5.22
330.0	153.24	130.84	108.58	84.95	66.07	45.89	32.92	11.89	4.45
360.0	158.31	140.05	123.16	106.59	90.32	69.83	52.26	33.46	14.58

C/γ(°)	90.0
0.0	1.23
30.0	1.69
60.0	2.38
90.0	2.61
120.0	2.30
150.0	1.76
180.0	1.00
210.0	1.07
240.0	0.46
270.0	0.38
300.0	0.54
330.0	1.07
360.0	1.23