

浙大三色

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ROLED

灯具名称: 投光灯

灯具描述: F2022A-30-UN (60-OL-30WN-C, P1)

报告编号:

电压(V): 220.4000

测试编号: 20210324007

电流(A): 0.1700

光源规格型号: OL

功率(W): 35.3000

每个光源光通量(lm)

功率因数: 0.9400

光源数量: 30

镇流器型号:

发光面长度(mm): 270

发光面宽度(mm): 152

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 2834.10

灯具效能(lm/w): 80.29

中心光强(cd): 2718.813

最大光强(cd): 2737.998

最大光强角度: $C=210.0 \gamma=2.0$

半峰边角(50%Imax): [C0/180]Total=54.5

[C90/270]Total=54.4

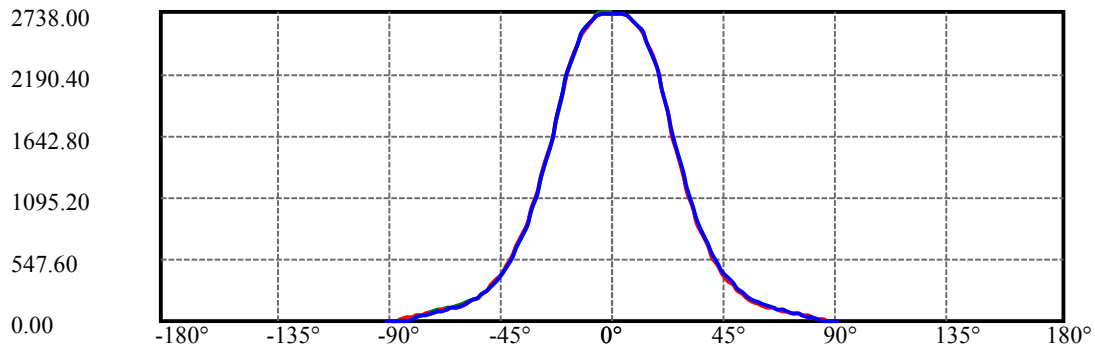
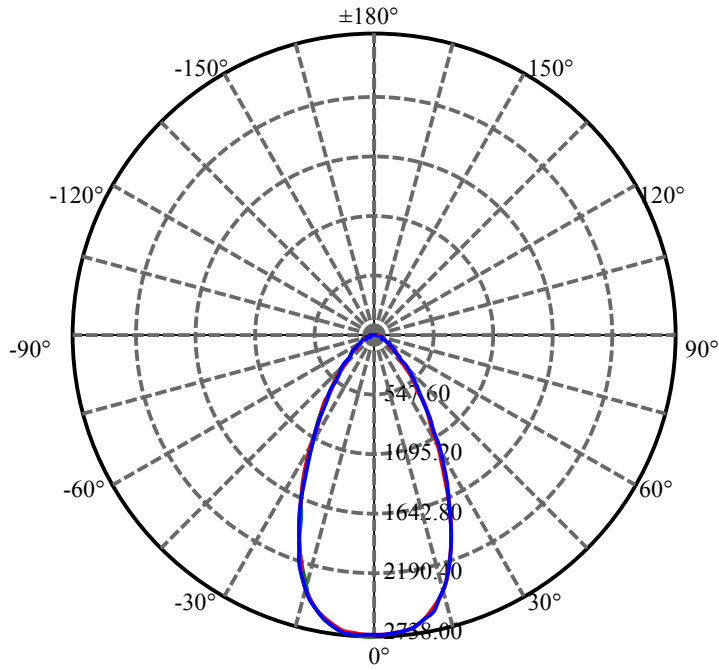
光束扩散角(10%Imax): [C0/180]Total=100.1

[C90/270]Total=100.9

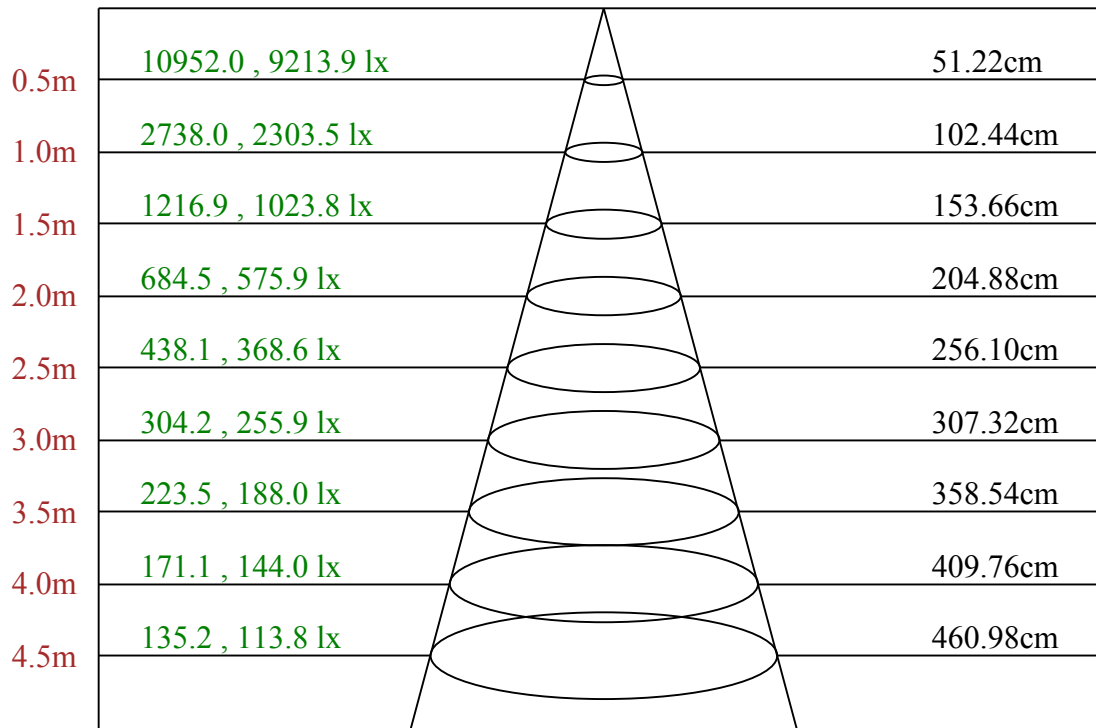
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/3/24
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

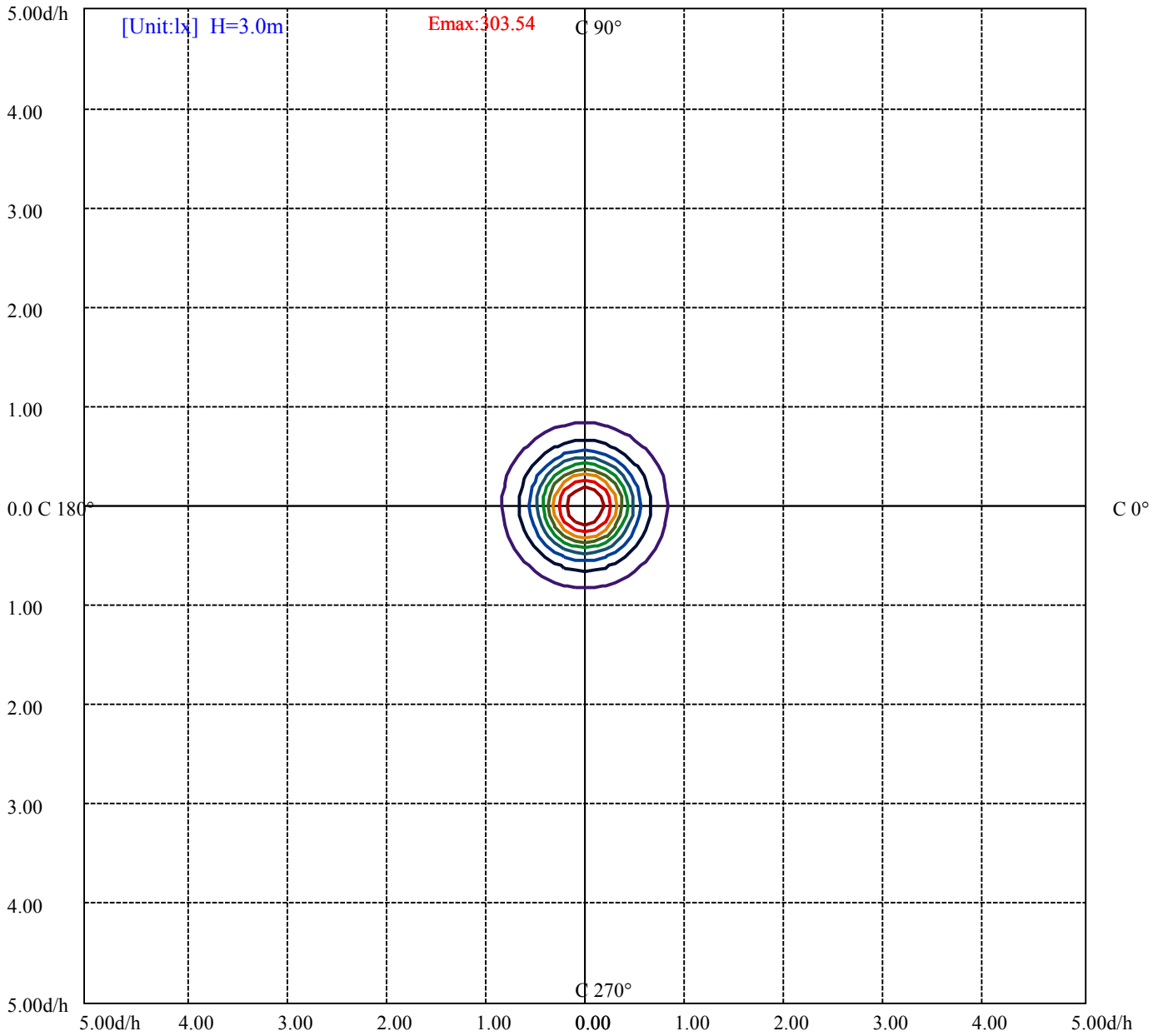


C210(Max): ——
C0/C180: ——
C90/C270: ——



Max , Ave C210面光束角54.24

ROLED 投光灯
平面等照度曲线



- (10%Emax) 30.354
- (20%Emax) 60.70789
- (30%Emax) 91.06189
- (40%Emax) 121.4156
- (50%Emax) 151.77
- (60%Emax) 182.1233
- (70%Emax) 212.4778
- (80%Emax) 242.8322
- (90%Emax) 273.1855

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ROLED 投光灯

灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

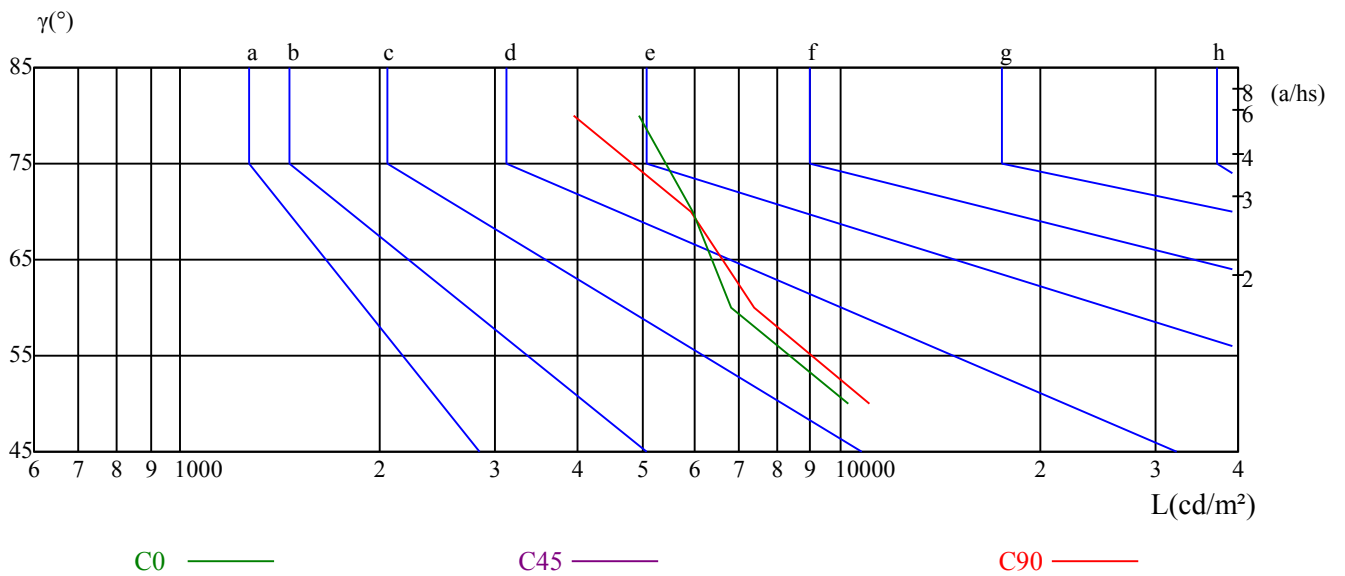
γ	45	50	55	60	65	70	75	80	85
C0	0	10286	0	6821	0	5959	0	4942	0
C45	0	0	0	0	0	0	0	0	0
C90	0	11042	0	7390	0	5910	0	3952	0

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	12.84	14.07	13.21	14.38	14.69	12.74	13.97	13.11	14.28	14.59
	3H	14.15	15.24	14.53	15.57	15.94	14.17	15.26	14.55	15.59	15.95
	4H	14.62	15.63	15.03	15.98	16.37	14.75	15.76	15.15	16.11	16.49
	6H	14.85	15.77	15.26	16.15	16.54	15.14	16.07	15.56	16.44	16.84
	8H	14.86	15.74	15.30	16.13	16.54	15.24	16.12	15.67	16.51	16.91
	12H	14.85	15.69	15.29	16.08	16.51	15.31	16.15	15.75	16.53	16.97
4H	2H	13.31	14.32	13.72	14.68	15.06	13.23	14.24	13.64	14.59	14.98
	3H	14.86	15.69	15.27	16.09	16.50	14.91	15.74	15.32	16.14	16.55
	4H	15.45	16.19	15.88	16.61	17.05	15.63	16.37	16.07	16.79	17.24
	6H	15.71	16.34	16.17	16.79	17.26	16.05	16.69	16.52	17.14	17.60
	8H	15.73	16.33	16.21	16.78	17.25	16.18	16.77	16.65	17.22	17.69
	12H	15.73	16.25	16.21	16.73	17.21	16.25	16.77	16.74	17.26	17.73
8H	4H	15.68	16.27	16.15	16.72	17.19	15.85	16.44	16.32	16.89	17.36
	6H	16.02	16.50	16.52	17.00	17.48	16.38	16.86	16.88	17.36	17.84
	8H	16.07	16.50	16.60	17.02	17.52	16.55	16.98	17.08	17.50	17.99
	12H	16.63	17.01	17.15	17.50	18.08	17.15	17.53	17.67	18.02	18.60
12H	4H	15.68	16.20	16.17	16.68	17.16	15.83	16.35	16.32	16.84	17.31
	6H	16.54	16.47	16.57	16.93	17.48	16.88	16.81	16.91	17.28	17.82
	8H	16.12	16.50	16.64	16.99	17.57	16.59	16.96	17.10	17.46	18.03
对应照射距离，改变观察者位置S											
S = 1.0H	0.8/-1.1					0.7/-1.1					
S = 1.5H	1.6/-1.4					1.5/-1.3					
S = 2.0H	3.4/-1.8					3.0/-1.7					
标准表格	BK3					BK3					
更正系数	2.7					2.7					

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光强数据表(cd)

附页 第7页 共8页

C/γ(°)	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0
0.0	2718.81	2717.28	2713.44	2698.86	2669.70	2622.12	2553.83	2468.65	2355.84
30.0	2737.23	2733.39	2727.25	2711.14	2681.98	2626.73	2562.27	2470.95	2355.08
60.0	2726.49	2724.18	2719.58	2705.77	2669.70	2615.98	2546.92	2448.70	2322.08
90.0	2724.95	2718.81	2715.74	2704.23	2673.54	2625.96	2559.97	2468.65	2353.54
120.0	2721.88	2717.28	2713.44	2698.09	2664.33	2609.85	2540.01	2441.79	2323.61
150.0	2721.12	2718.81	2714.98	2703.47	2669.70	2620.59	2551.53	2457.91	2339.73
180.0	2718.81	2717.28	2714.21	2698.86	2662.03	2607.54	2542.32	2443.33	2322.85
210.0	2737.23	2738.00	2734.16	2715.74	2674.31	2619.82	2543.08	2441.79	2305.20
240.0	2726.49	2729.56	2727.25	2711.91	2678.14	2623.66	2549.22	2451.77	2328.99
270.0	2724.95	2727.25	2726.49	2709.60	2674.31	2619.82	2550.76	2454.07	2320.55
300.0	2721.88	2724.18	2725.72	2710.37	2675.07	2625.19	2552.29	2467.11	2338.19
330.0	2721.12	2721.88	2719.58	2701.93	2665.10	2610.61	2533.88	2440.26	2309.03
360.0	2718.81	2717.28	2713.44	2698.86	2669.70	2622.12	2553.83	2468.65	2355.84
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	2203.14	2034.31	1853.98	1653.70	1471.83	1296.10	1142.62	999.89	870.20
30.0	2206.21	2044.29	1856.28	1665.21	1479.50	1307.61	1156.44	1012.94	890.16
60.0	2171.67	2008.99	1823.29	1633.74	1467.84	1297.25	1147.53	1002.81	875.88
90.0	2210.81	2045.06	1857.82	1677.48	1493.31	1322.96	1174.85	1028.28	900.90
120.0	2167.07	2009.76	1828.66	1652.93	1483.87	1318.05	1168.48	1023.22	894.30
150.0	2192.39	2035.85	1842.47	1664.44	1485.64	1326.03	1169.48	1027.52	903.97
180.0	2164.00	1998.25	1810.24	1621.47	1457.55	1290.57	1144.23	1000.74	873.12
210.0	2157.86	1983.67	1791.06	1613.79	1445.81	1275.69	1121.44	989.07	860.31
240.0	2174.74	2008.22	1828.66	1633.74	1458.78	1288.42	1135.72	996.82	867.13
270.0	2176.28	1998.25	1799.50	1616.09	1443.20	1271.39	1124.21	979.79	850.10
300.0	2193.93	2025.11	1844.00	1646.02	1465.69	1302.24	1130.34	997.59	867.90
330.0	2164.77	1992.11	1800.26	1622.23	1451.65	1277.68	1122.13	985.92	855.55
360.0	2203.14	2034.31	1853.98	1653.70	1471.83	1296.10	1142.62	999.89	870.20
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	759.70	659.18	567.09	488.05	424.36	364.66	315.16	271.34	232.67
30.0	777.35	676.83	587.04	510.31	440.47	388.29	330.51	280.25	244.49
60.0	764.31	669.23	580.44	502.94	437.94	378.47	327.52	283.32	247.86
90.0	785.03	683.73	590.88	515.68	445.85	388.29	336.49	291.30	252.01
120.0	780.34	683.27	591.95	516.21	446.00	385.30	332.96	287.84	251.47
150.0	788.10	686.03	594.72	517.98	447.38	387.52	335.88	289.76	250.39
180.0	760.24	663.70	573.38	498.18	424.90	367.65	315.78	272.88	234.82
210.0	755.10	655.95	565.71	489.82	426.43	366.19	316.31	275.18	237.66
240.0	758.93	660.71	570.93	493.42	430.50	387.52	323.07	279.94	242.49
270.0	745.35	646.21	555.81	480.68	417.99	358.90	312.48	270.12	233.67
300.0	758.17	658.41	568.63	493.42	426.66	379.08	317.77	277.41	240.04
330.0	749.73	650.27	560.11	484.44	421.06	361.36	311.94	271.19	233.82
360.0	759.70	659.18	567.09	488.05	424.36	364.66	315.16	271.34	232.67
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	201.44	177.88	156.77	139.97	126.92	114.26	103.98	93.39	83.64
30.0	222.69	197.22	176.80	161.15	147.41	135.44	125.39	116.26	73.13
60.0	216.71	192.53	171.43	153.40	138.51	125.77	112.88	100.60	88.71
90.0	219.39	192.92	169.82	151.63	135.13	120.48	107.82	95.15	82.95
120.0	219.70	194.53	173.20	154.86	139.82	126.92	114.03	101.60	89.78
150.0	217.93	192.92	171.51	155.24	141.27	129.15	118.87	108.58	98.30
180.0	203.66	179.64	158.54	141.50	127.23	115.41	104.52	94.31	84.72
210.0	209.57	185.24	165.14	149.48	136.90	125.08	114.57	104.75	94.39
240.0	212.18	189.00	167.75	150.25	136.52	122.70	110.43	97.53	85.41
270.0	204.89	179.49	158.23	140.74	125.85	111.88	98.91	86.87	77.04
300.0	211.18	187.09	165.83	148.56	134.90	121.09	108.28	96.69	83.87
330.0	205.81	181.94	162.38	147.18	134.14	123.16	112.73	102.91	91.93
360.0	201.44	177.88	156.77	139.97	126.92	114.26	103.98	93.39	83.64

测试设备: GMS1800
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测试人员: anpeilou
测试距离(m): 8.76

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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	74.21	64.69	55.17	45.04	35.22	24.17	13.81	3.91	1.07
30.0	77.66	74.90	62.54	49.65	36.60	26.01	13.58	4.30	1.23
60.0	76.35	66.61	55.25	42.74	28.78	17.80	6.91	2.53	1.53
90.0	73.98	63.23	52.26	38.29	28.16	14.96	3.91	2.84	1.69
120.0	77.35	67.61	56.25	44.20	29.77	19.49	7.90	2.61	1.69
150.0	87.33	76.66	64.46	51.72	38.68	27.78	15.58	5.99	1.53
180.0	75.28	65.69	55.79	46.27	35.68	25.63	15.12	5.14	1.07
210.0	83.26	71.37	59.01	46.04	33.46	23.02	11.51	2.92	1.07
240.0	73.51	64.69	53.26	39.52	27.55	13.43	2.99	2.23	1.07
270.0	66.53	56.02	43.20	31.62	19.26	6.83	2.84	2.00	0.92
300.0	72.52	62.69	51.87	37.45	25.78	11.82	2.92	2.15	1.00
330.0	80.80	68.68	56.10	43.13	31.54	20.57	9.44	2.00	0.92
360.0	74.21	64.69	55.17	45.04	35.22	24.17	13.81	3.91	1.07

C/γ(°)	90.0
0.0	0.31
30.0	0.38
60.0	0.54
90.0	0.54
120.0	0.61
150.0	0.54
180.0	0.46
210.0	0.31
240.0	0.23
270.0	0.15
300.0	0.23
330.0	0.23
360.0	0.31