

浙大三色

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ROLED

灯具名称: 投光灯

灯具描述: F3071A-36-UN(30-OL-36WN-AA, L350mm, C, CT)

报告编号:

电压(V): 220.2000

测试编号: 20210330002

电流(A): 0.1990

光源规格型号: OL

功率(W): 43.2000

每个光源光通量(lm)

功率因数: 0.9810

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): 3841.62

灯具效能(lm/w): 88.93

中心光强(cd): 10683.410

最大光强(cd): 10813.860

最大光强角度: C=30.0 γ =0.0

半峰边角(50%Imax): [C0/180]Total=28.5

[C90/270]Total=28.5

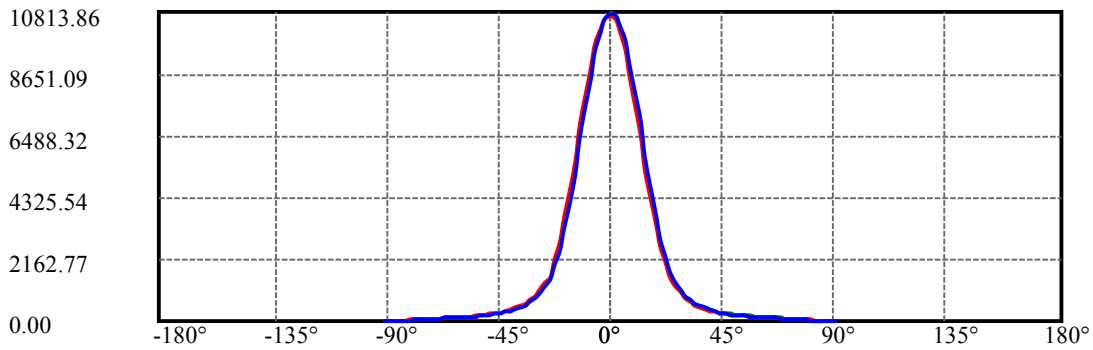
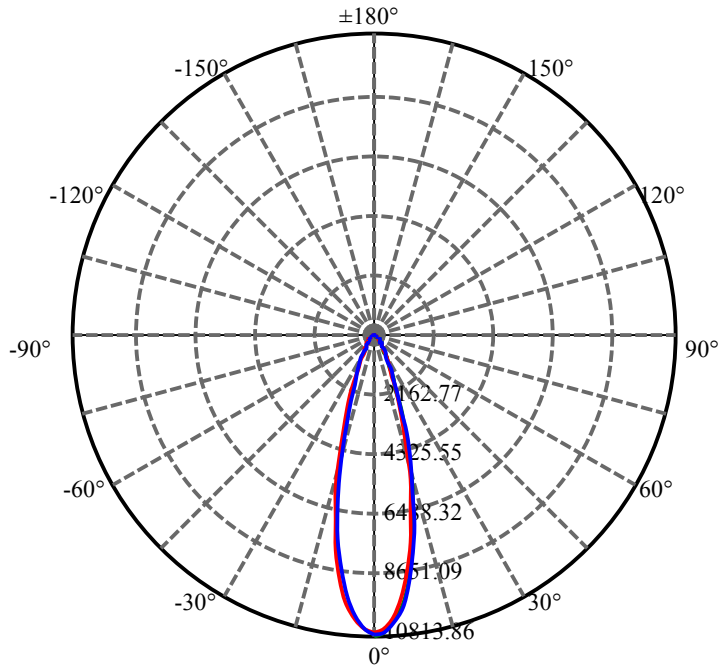
光束扩散角(10%Imax): [C0/180]Total=55.1

[C90/270]Total=55.0

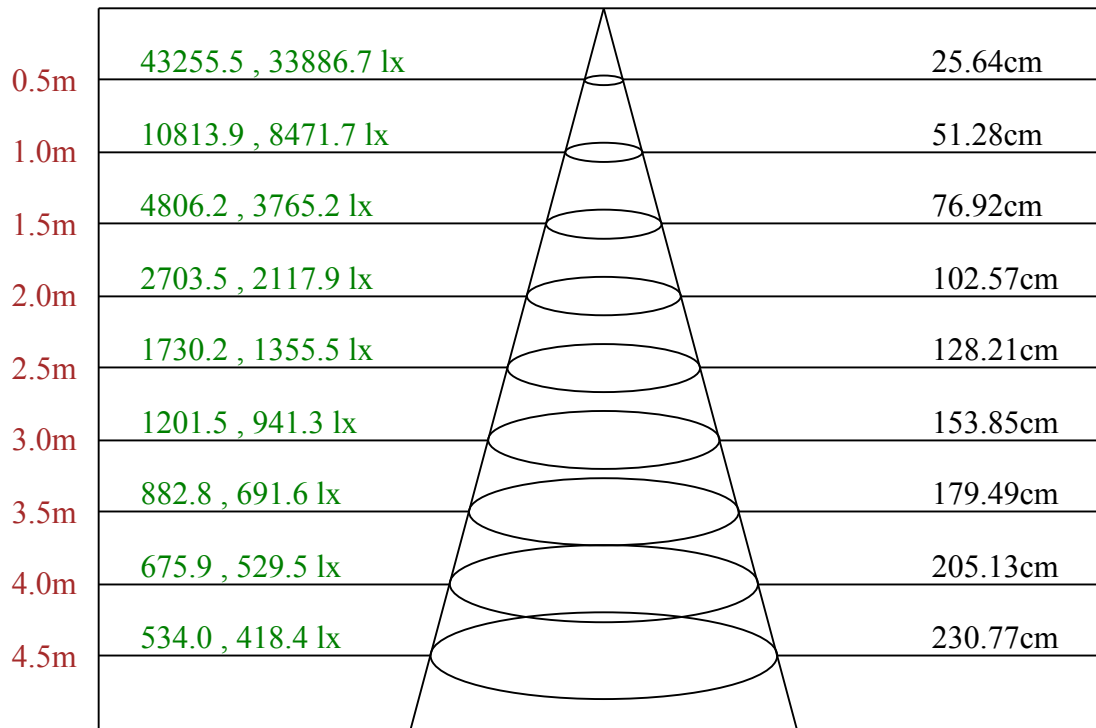
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/3/30
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

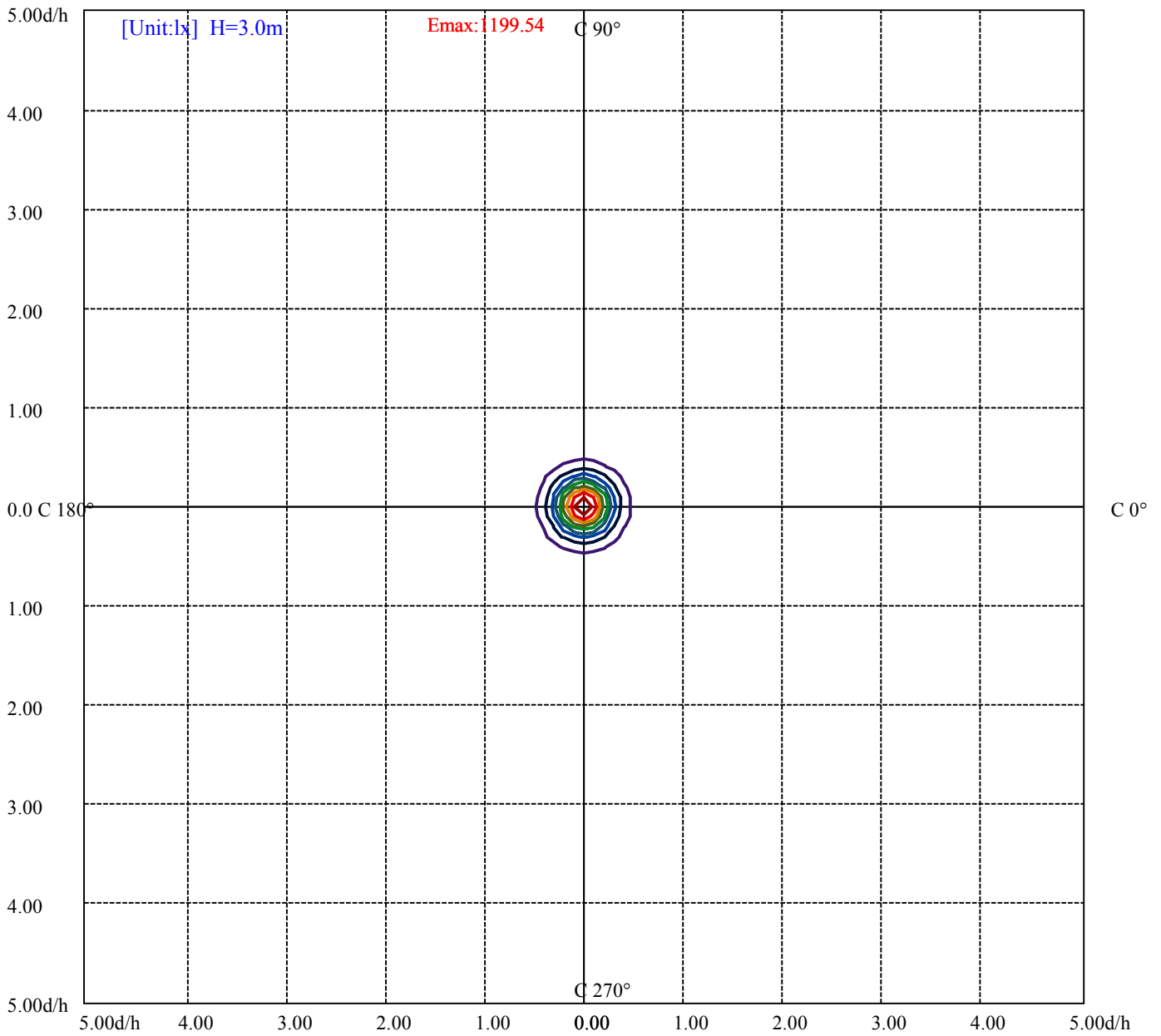


C30(Max): —
C0/C180: —
C90/C270: —



Max , Ave C30面光束角28.76

ROLED 投光灯
平面等照度曲线



(10%Emax) 119.9533	—
(20%Emax) 239.9067	—
(30%Emax) 359.86	—
(40%Emax) 479.8145	—
(50%Emax) 599.7678	—
(60%Emax) 719.7211	—
(70%Emax) 839.6744	—
(80%Emax) 959.6278	—
(90%Emax) 1079.581	—

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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

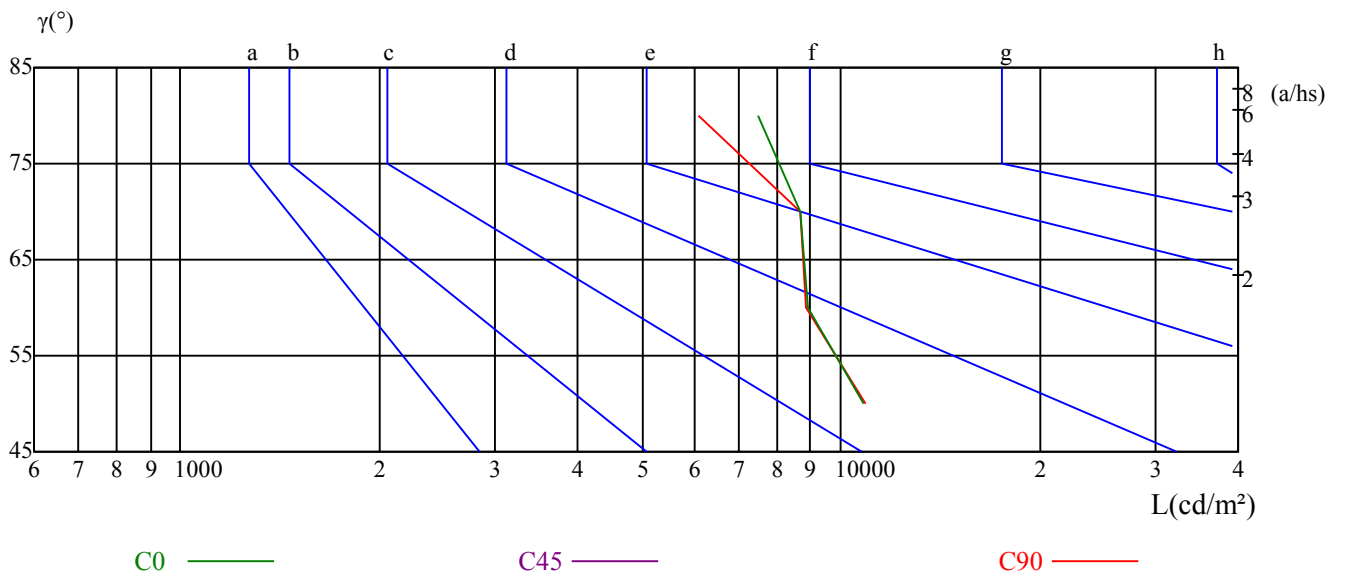
γ	45	50	55	60	65	70	75	80	85
C0	0	10851	0	8915	0	8661	0	7486	0
C45	0	0	0	0	0	0	0	0	0
C90	0	10907	0	8874	0	8676	0	6081	0

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	10.89	11.98	11.25	12.29	12.61	11.24	12.33	11.61	12.65	12.96
	3H	12.66	13.63	13.04	13.96	14.33	12.99	13.96	13.37	14.29	14.66
	4H	13.31	14.21	13.72	14.56	14.95	13.69	14.59	14.10	14.94	15.33
	6H	13.69	14.51	14.10	14.88	15.28	14.19	15.01	14.60	15.39	15.78
	8H	13.76	14.54	14.20	14.93	15.34	14.32	15.10	14.75	15.49	15.90
	12H	13.83	14.57	14.26	14.95	15.39	14.44	15.18	14.87	15.56	16.00
4H	2H	11.46	12.36	11.86	12.71	13.10	11.74	12.64	12.15	12.99	13.38
	3H	13.42	14.16	13.84	14.57	14.97	13.74	14.48	14.16	14.89	15.29
	4H	14.18	14.84	14.62	15.27	15.71	14.56	15.22	15.00	15.64	16.09
	6H	14.58	15.15	15.05	15.59	16.07	15.06	15.63	15.53	16.08	16.55
	8H	14.68	15.21	15.16	15.66	16.13	15.23	15.76	15.71	16.21	16.68
	12H	14.75	15.21	15.24	15.70	16.17	15.35	15.81	15.84	16.30	16.78
8H	4H	14.44	14.97	14.92	15.42	15.89	14.77	15.30	15.25	15.75	16.22
	6H	14.95	15.37	15.45	15.87	16.35	15.40	15.83	15.91	16.33	16.81
	8H	15.10	15.48	15.63	16.00	16.49	15.63	16.01	16.16	16.53	17.02
	12H	15.67	16.00	16.19	16.49	17.07	16.24	16.57	16.76	17.07	17.64
12H	4H	14.45	14.90	14.93	15.39	15.87	14.76	15.22	15.25	15.71	16.18
	6H	15.35	15.35	15.51	15.82	16.37	15.79	15.79	15.95	16.26	16.81
	8H	15.17	15.49	15.69	15.99	16.57	15.68	16.01	16.20	16.51	17.08
对应照射距离，改变观察者位置S											
S = 1.0H	0.5/-0.7					0.4/-0.6					
S = 1.5H	1.0/-1.0					0.9/-0.9					
S = 2.0H	2.2/-1.0					1.8/-1.0					
标准表格	BK3					BK3					
更正系数	1.5					1.7					

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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	10683.41	10526.10	10126.29	9467.12	8602.28	7537.93	6444.42	5336.33	4323.40
30.0	10813.86	10701.83	10311.23	9728.79	8889.28	7835.68	6750.61	5589.57	4479.94
60.0	10777.80	10658.09	10243.70	9665.87	8801.80	7816.49	6700.73	5536.62	4500.66
90.0	10737.89	10676.50	10333.49	9802.46	9023.57	8020.61	6963.17	5805.97	4734.71
120.0	10724.85	10630.46	10270.56	9739.54	8939.93	7992.99	6897.18	5741.51	4643.39
150.0	10696.45	10645.04	10334.25	9809.37	9056.57	8130.35	7034.54	5884.24	4814.52
180.0	10683.41	10566.00	10222.22	9656.66	8837.87	7830.30	6780.53	5624.87	4535.19
210.0	10813.86	10666.53	10251.38	9628.27	8809.48	7737.45	6596.36	5500.55	4389.39
240.0	10777.80	10640.44	10259.05	9621.36	8775.71	7779.66	6567.20	5496.71	4408.58
270.0	10737.89	10535.31	10088.69	9409.56	8484.11	7430.50	6280.97	5202.81	4074.77
300.0	10724.85	10552.95	10143.94	9474.79	8590.77	7567.09	6405.29	5353.98	4244.36
330.0	10696.45	10488.50	10034.98	9347.41	8423.49	7382.92	6188.89	5113.79	4047.14
360.0	10683.41	10526.10	10126.29	9467.12	8602.28	7537.93	6444.42	5336.33	4323.40
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	3375.69	2615.22	2028.94	1557.77	1230.87	983.78	808.05	670.69	561.72
30.0	3519.95	2750.28	2104.14	1645.25	1286.89	1025.21	832.60	692.94	580.14
60.0	3548.35	2734.16	2096.47	1529.15	1293.57	1045.55	851.48	703.61	591.11
90.0	3691.08	2889.17	2209.28	1724.29	1344.44	1068.19	873.27	717.50	599.32
120.0	3677.27	2878.43	2209.28	1727.36	1358.56	1083.23	879.87	731.77	612.67
150.0	3813.09	2998.91	2268.36	1770.34	1377.44	1104.25	891.69	731.31	613.90
180.0	3623.55	2791.71	2137.14	1514.95	1312.06	1046.24	859.08	707.44	592.26
210.0	3450.89	2662.03	2055.80	1528.00	1276.30	1016.31	829.30	692.10	578.75
240.0	3486.19	2700.40	2065.01	1609.95	1257.73	1017.54	828.00	694.48	583.21
270.0	3223.75	2482.46	1920.74	1503.37	1189.20	961.06	787.63	654.11	550.06
300.0	3359.57	2603.71	2023.57	1559.31	1234.71	989.92	806.51	677.59	568.63
330.0	3203.03	2463.28	1882.37	1491.17	1178.84	942.72	771.83	646.28	542.69
360.0	3375.69	2615.22	2028.94	1557.77	1230.87	983.78	808.05	670.69	561.72
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	484.21	418.22	365.88	321.07	286.38	254.54	229.83	208.34	189.00
30.0	494.19	430.50	389.06	334.88	297.20	265.90	240.27	218.93	200.98
60.0	509.31	440.40	384.76	340.71	302.04	269.12	241.11	217.63	195.37
90.0	509.54	442.01	387.52	341.87	300.81	264.97	234.74	209.42	187.24
120.0	526.34	453.90	395.28	346.93	308.18	273.72	244.56	220.39	197.60
150.0	520.28	447.38	388.29	345.09	304.96	273.03	245.48	222.62	202.89
180.0	504.70	438.40	381.54	334.65	297.05	263.67	237.66	213.33	194.45
210.0	495.57	429.12	376.86	332.73	295.67	265.82	240.50	219.01	200.13
240.0	501.86	436.64	389.06	337.03	301.58	269.20	241.80	219.62	197.83
270.0	476.23	413.85	364.04	321.84	284.93	252.77	226.91	202.89	182.18
300.0	490.35	425.89	387.52	328.67	294.06	262.60	237.27	214.33	193.15
330.0	469.02	407.17	355.37	314.09	281.40	252.16	228.68	209.65	191.77
360.0	484.21	418.22	365.88	321.07	286.38	254.54	229.83	208.34	189.00
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	172.51	158.08	145.19	133.14	123.01	113.26	104.75	96.61	88.48
30.0	184.55	170.74	157.70	145.80	134.52	124.01	113.34	103.37	92.55
60.0	176.42	159.08	144.80	132.91	121.94	112.19	102.52	93.47	84.64
90.0	170.05	156.70	144.04	132.53	122.93	113.11	104.59	96.31	88.63
120.0	177.11	159.23	145.57	133.52	122.55	112.88	103.37	94.08	85.87
150.0	186.70	171.59	158.00	146.65	135.37	124.39	114.65	104.44	94.39
180.0	177.26	162.76	148.87	136.52	125.93	115.80	107.05	98.84	91.01
210.0	184.86	170.20	157.77	146.26	135.13	124.70	114.57	104.44	93.16
240.0	178.34	161.92	146.88	134.67	124.62	114.11	104.59	95.54	85.79
270.0	166.83	153.32	141.12	130.91	120.86	111.50	103.29	95.54	87.02
300.0	174.19	158.23	143.50	131.76	121.86	111.65	102.37	93.16	84.72
330.0	177.26	163.53	151.10	140.12	129.84	119.40	109.66	100.68	89.71
360.0	172.51	158.08	145.19	133.14	123.01	113.26	104.75	96.61	88.48

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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	79.58	70.06	60.09	49.04	38.83	27.32	16.42	6.14	1.00
30.0	80.27	69.52	58.86	47.73	36.83	24.17	14.12	5.53	1.76
60.0	76.20	65.53	52.26	40.52	30.93	18.72	9.67	6.06	3.22
90.0	77.97	66.15	55.33	44.58	31.54	20.95	12.12	7.21	4.14
120.0	77.74	67.53	53.49	42.21	32.84	20.57	10.28	6.68	3.38
150.0	82.72	72.82	61.01	49.88	39.98	26.55	16.04	6.60	2.38
180.0	82.03	72.29	62.69	51.57	40.52	29.70	18.80	8.21	1.07
210.0	81.03	69.68	58.01	47.58	36.60	23.48	13.97	4.76	1.76
240.0	77.89	68.07	53.56	42.44	32.69	19.80	10.59	5.99	3.22
270.0	76.05	64.38	52.87	42.74	29.16	17.57	12.20	5.76	3.22
300.0	76.43	66.53	52.87	41.36	32.38	19.49	10.28	5.60	2.84
330.0	77.97	66.53	55.71	44.97	34.46	21.72	12.28	3.84	1.53
360.0	79.58	70.06	60.09	49.04	38.83	27.32	16.42	6.14	1.00

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