

浙大三色

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ROLED

灯具名称: 投光灯

灯具描述: F2022A-30-UN (30-OL-30WN-C, P1)

报告编号:

电压(V): 220.4000

测试编号: 20210324005

电流(A): 0.1740

光源规格型号: OL

功率(W): 36.3000

每个光源光通量(lm)

功率因数: 0.9420

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): 3064.34

灯具效能(lm/w): 84.42

中心光强(cd): 8284.592

最大光强(cd): 8322.192

最大光强角度: $C=30.0$ $\gamma=0.0$

半峰边角(50%Imax): [C0/180]Total=29.2

[C90/270]Total=29.2

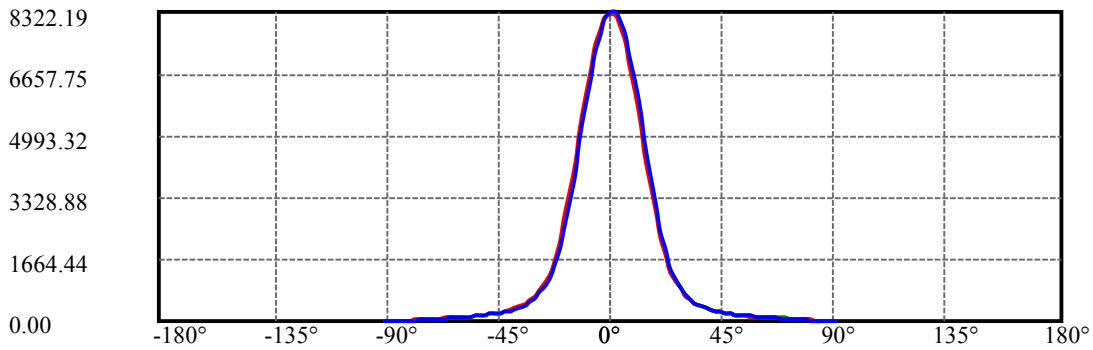
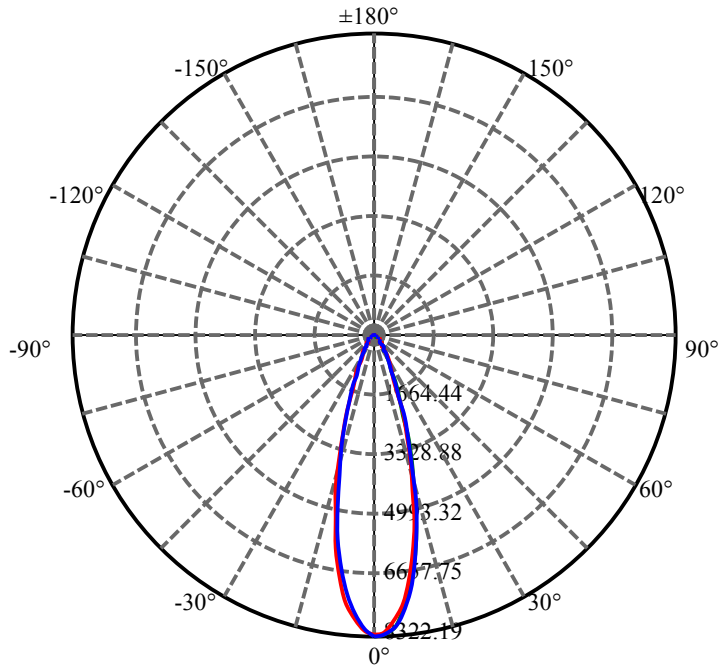
光束扩散角(10%Imax): [C0/180]Total=56.3

[C90/270]Total=56.1

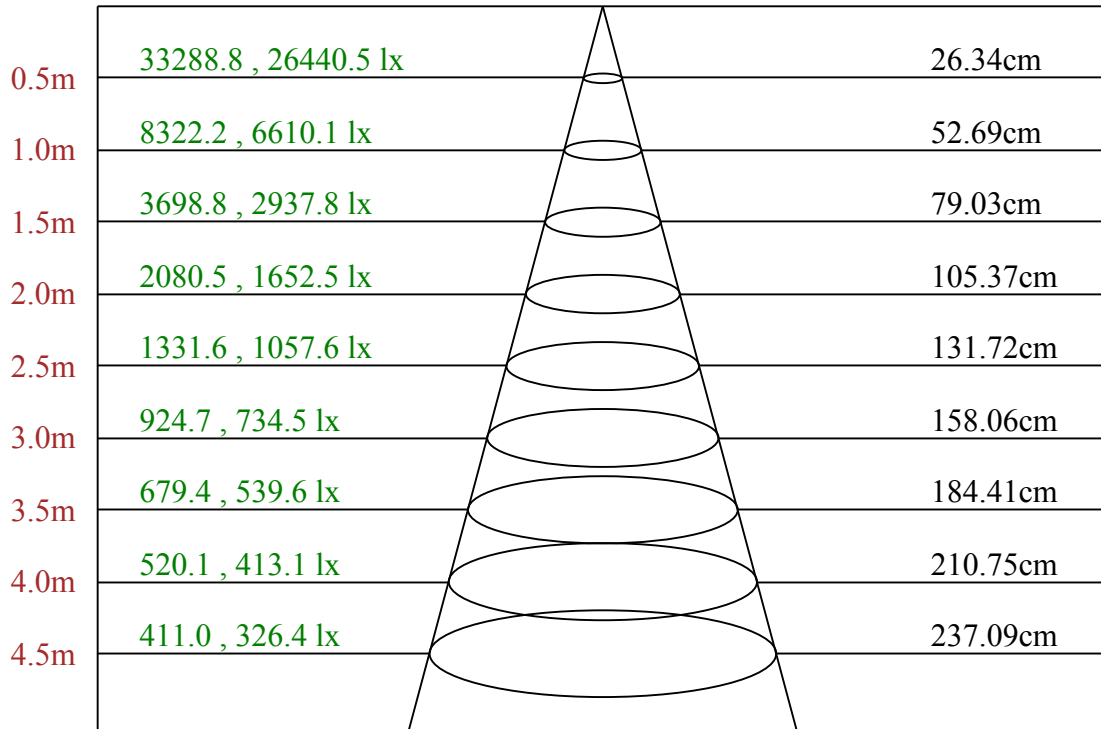
测试设备: GMS1800
环境温度(°C): 25.0

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

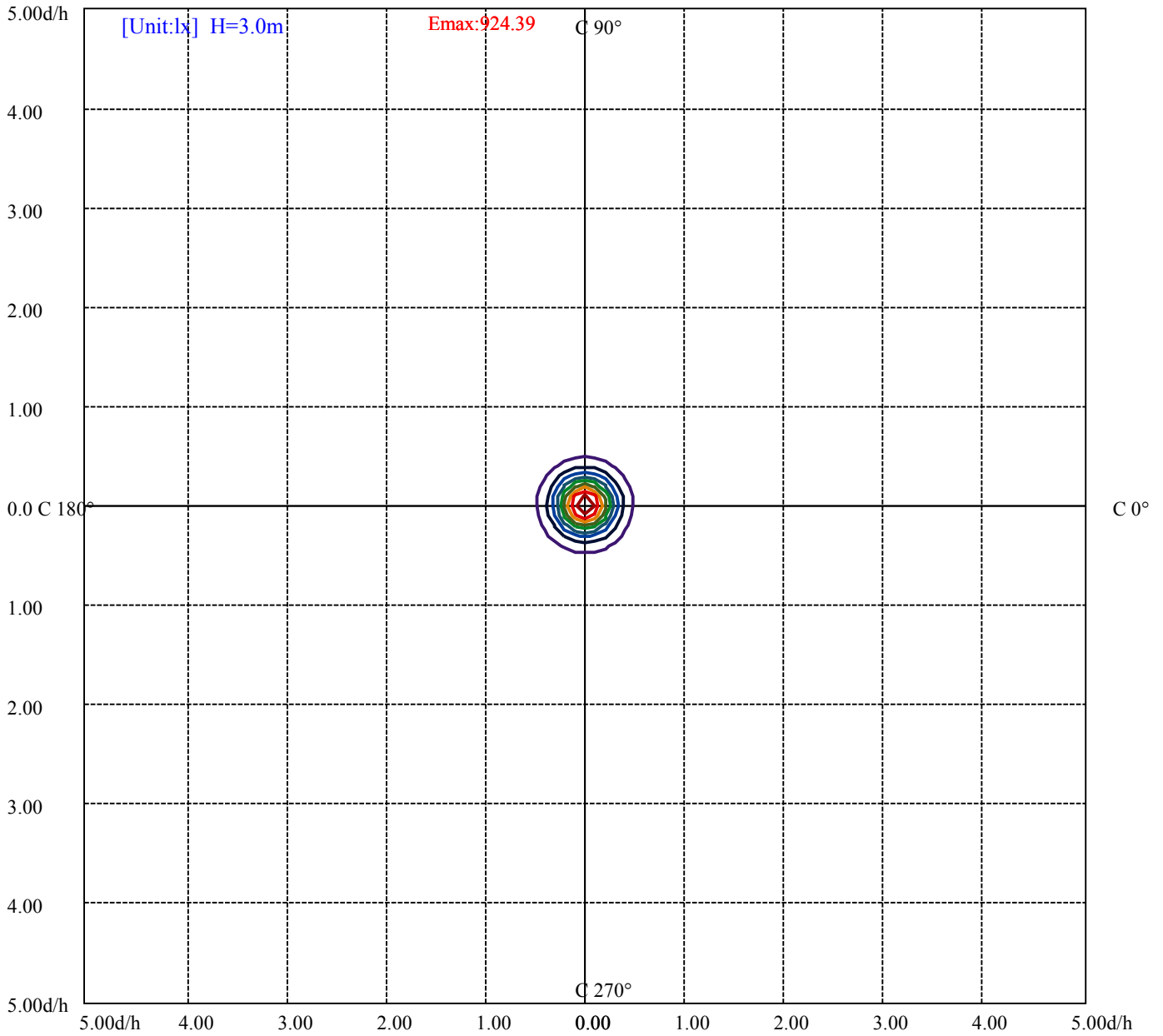


C30(Max): ——
C0/C180: ——
C90/C270: ——



Max , Ave C30面光束角29.51

ROLED 投光灯
平面等照度曲线



- (10%Emax) 92.43889
- (20%Emax) 184.8778
- (30%Emax) 277.3167
- (40%Emax) 369.7556
- (50%Emax) 462.1945
- (60%Emax) 554.6334
- (70%Emax) 647.0722
- (80%Emax) 739.5111
- (90%Emax) 831.95

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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

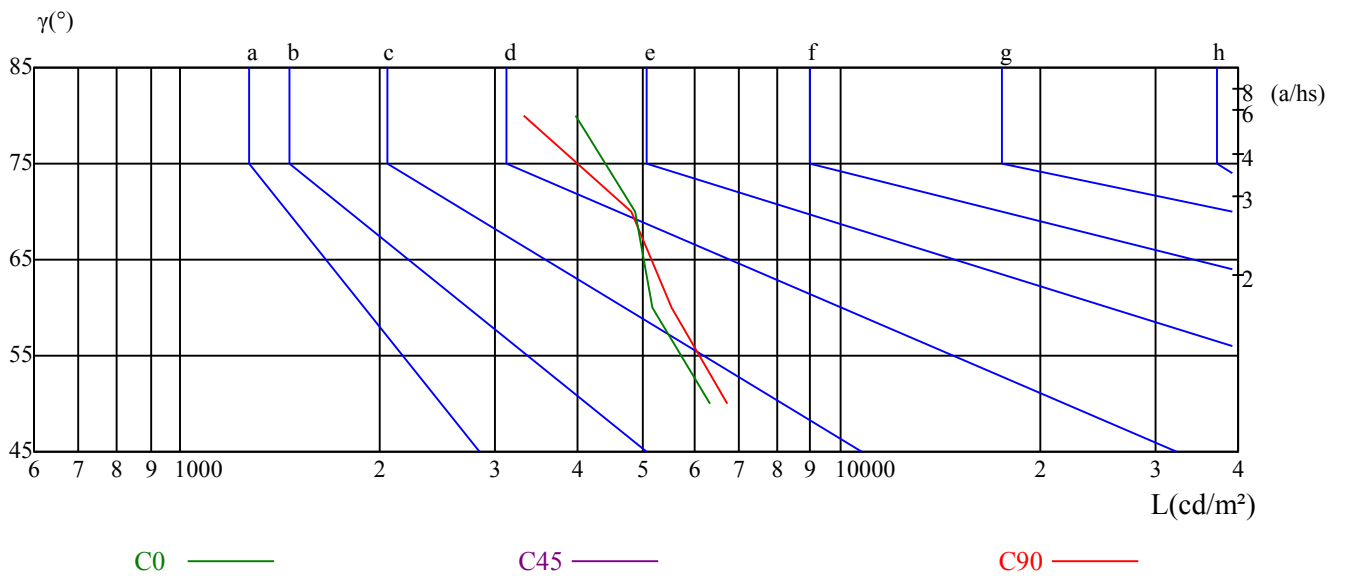
γ	45	50	55	60	65	70	75	80	85
C0	0	6347	0	5172	0	4898	0	3963	0
C45	0	0	0	0	0	0	0	0	0
C90	0	6746	0	5557	0	4805	0	3317	0

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	10.21	11.30	10.57	11.61	11.93	9.99	11.08	10.36	11.39	11.71
	3H	11.71	12.68	12.10	13.01	13.38	11.72	12.69	12.10	13.02	13.39
	4H	12.26	13.16	12.67	13.51	13.90	12.37	13.27	12.78	13.62	14.01
	6H	12.50	13.33	12.92	13.70	14.10	12.78	13.60	13.20	13.98	14.37
	8H	12.52	13.29	12.95	13.69	14.09	12.87	13.64	13.30	14.04	14.45
	12H	12.50	13.25	12.94	13.63	14.06	12.93	13.67	13.36	14.05	14.48
4H	2H	10.73	11.63	11.13	11.98	12.37	10.56	11.45	10.96	11.81	12.20
	3H	12.45	13.19	12.87	13.60	14.00	12.57	13.30	12.98	13.71	14.12
	4H	13.12	13.78	13.56	14.20	14.65	13.35	14.00	13.78	14.43	14.87
	6H	13.39	13.96	13.86	14.41	14.88	13.76	14.33	14.23	14.78	15.25
	8H	13.42	13.94	13.89	14.39	14.87	13.87	14.40	14.35	14.85	15.32
	12H	13.40	13.86	13.89	14.34	14.82	13.93	14.39	14.42	14.88	15.35
8H	4H	13.37	13.90	13.84	14.35	14.82	13.57	14.09	14.04	14.54	15.02
	6H	13.72	14.14	14.23	14.64	15.13	14.09	14.51	14.60	15.02	15.50
	8H	13.78	14.15	14.31	14.67	15.16	14.26	14.63	14.79	15.15	15.64
	12H	14.32	14.65	14.84	15.14	15.72	14.83	15.15	15.35	15.64	16.22
12H	4H	13.36	13.82	13.85	14.31	14.78	13.54	14.00	14.03	14.49	14.96
	6H	14.10	14.11	14.27	14.58	15.13	14.45	14.46	14.62	14.93	15.48
	8H	13.82	14.14	14.34	14.64	15.22	14.28	14.61	14.80	15.10	15.68
对应照射距离，改变观察者位置S											
S = 1.0H	0.5/-0.6					0.5/-0.6					
S = 1.5H	1.0/-0.9					0.9/-0.9					
S = 2.0H	2.4/-1.2					1.9/-1.1					
标准表格	BK3					BK3					
更正系数	-0.2					-0.1					

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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	8284.59	8210.92	7937.74	7477.31	6861.88	6139.01	5285.69	4452.32	3666.52
30.0	8322.19	8289.96	8055.91	7644.60	7046.05	6333.15	5505.16	4629.58	3812.32
60.0	8316.82	8280.75	8040.57	7649.97	7046.05	6293.25	5504.39	4625.74	3774.72
90.0	8297.64	8296.87	8101.19	7712.90	7144.27	6445.96	5622.56	4790.73	3918.99
120.0	8297.64	8256.20	8009.10	7592.42	7022.26	6275.60	5493.64	4620.37	3779.33
150.0	8285.36	8244.69	7997.59	7582.44	7029.16	6285.58	5460.65	4633.42	3777.79
180.0	8284.59	8162.58	7845.65	7400.57	6748.30	5973.25	5133.75	4310.35	3494.63
210.0	8322.19	8162.58	7831.07	7322.30	6652.38	5832.82	4973.36	4153.04	3318.90
240.0	8316.82	8156.44	7831.84	7316.93	6689.22	5894.98	5020.94	4177.59	3403.31
270.0	8297.64	8100.42	7717.50	7206.43	6505.05	5721.56	4855.19	4002.63	3188.45
300.0	8297.64	8139.56	7815.72	7303.88	6676.94	5884.24	5013.27	4182.97	3419.43
330.0	8285.36	8137.26	7791.94	7313.09	6646.24	5837.43	4997.15	4193.71	3369.55
360.0	8284.59	8210.92	7937.74	7477.31	6861.88	6139.01	5285.69	4452.32	3666.52
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	2895.31	2263.76	1739.64	1352.88	1063.58	855.62	689.10	568.63	473.47
30.0	3034.20	2390.38	1834.03	1413.51	1098.88	879.41	709.06	579.37	484.98
60.0	3003.51	2361.22	1813.31	1405.22	1105.87	876.50	716.04	580.67	489.36
90.0	3124.76	2430.28	1887.74	1451.11	1126.51	897.06	721.33	588.58	488.05
120.0	3015.79	2378.87	1831.73	1442.51	1119.91	887.24	716.19	585.89	492.27
150.0	3010.42	2374.26	1825.59	1410.44	1095.81	875.58	704.45	580.14	480.38
180.0	2808.60	2178.58	1606.89	1306.76	1035.57	825.24	669.00	554.81	462.34
210.0	2641.31	2045.82	1517.87	1223.27	974.11	774.82	631.01	525.58	438.71
240.0	2665.86	2075.75	1618.40	1246.99	988.38	791.16	648.43	538.70	457.36
270.0	2503.95	1960.65	1513.80	1194.19	945.71	763.85	617.97	517.06	433.72
300.0	2688.12	2100.31	1642.18	1267.71	1016.01	804.98	661.48	548.67	465.03
330.0	2664.33	2095.70	1524.47	1275.00	1005.80	799.99	651.27	542.46	452.98
360.0	2895.31	2263.76	1739.64	1352.88	1063.58	855.62	689.10	568.63	473.47
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	403.64	349.46	302.65	265.82	234.20	208.42	184.71	167.44	151.10
30.0	410.55	353.61	307.03	270.81	238.96	213.87	192.38	174.42	159.23
60.0	415.84	360.51	314.01	275.79	245.41	218.86	196.99	178.80	163.91
90.0	415.15	358.29	313.32	274.95	242.95	217.78	196.06	177.95	162.30
120.0	416.99	360.74	313.47	274.87	244.03	217.40	195.60	177.42	162.76
150.0	405.94	349.31	305.11	267.43	236.35	211.95	190.92	174.19	158.62
180.0	395.35	339.10	294.14	257.38	227.91	202.28	181.18	164.06	148.26
210.0	377.47	326.44	284.24	250.93	224.46	200.82	182.18	166.98	152.86
240.0	387.52	337.80	294.67	260.68	232.05	207.42	188.39	171.89	157.01
270.0	372.02	325.14	283.55	251.93	224.38	200.82	182.10	166.60	152.02
300.0	395.97	344.40	299.97	264.90	234.97	209.57	189.93	172.81	158.23
330.0	386.83	336.80	292.68	257.61	228.29	204.89	185.09	169.21	154.32
360.0	403.64	349.46	302.65	265.82	234.20	208.42	184.71	167.44	151.10
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	137.97	126.16	115.26	106.13	97.23	89.17	81.80	75.51	68.76
30.0	146.65	135.21	124.93	116.18	107.97	100.30	93.39	86.25	79.04
60.0	150.41	138.82	127.92	117.64	108.12	98.45	88.94	78.89	70.52
90.0	149.33	136.36	124.70	114.03	102.75	92.16	83.41	75.51	67.45
120.0	149.18	137.13	126.85	116.56	106.97	97.30	87.86	78.04	69.83
150.0	146.11	134.60	123.85	111.42	103.06	96.84	87.02	79.65	72.75
180.0	133.91	121.40	111.73	103.06	93.70	86.10	78.96	71.90	65.30
210.0	141.43	130.61	120.71	112.04	103.98	96.84	89.86	82.80	75.51
240.0	144.19	133.45	122.55	112.65	103.83	93.70	83.64	74.28	65.76
270.0	139.13	127.54	115.87	105.13	93.62	84.95	76.58	68.76	61.85
300.0	144.27	133.22	122.01	112.34	102.83	92.47	82.65	74.05	65.15
330.0	142.04	131.53	120.86	112.57	104.52	97.30	90.09	82.72	75.74
360.0	137.97	126.16	115.26	106.13	97.23	89.17	81.80	75.51	68.76

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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	61.16	54.41	45.74	37.22	28.24	19.34	10.90	2.92	0.92
30.0	71.52	63.00	52.72	40.59	29.85	21.41	10.90	3.38	1.00
60.0	61.47	54.02	46.04	34.22	23.56	14.35	5.91	1.92	1.15
90.0	61.24	53.95	43.05	32.69	23.64	12.43	3.30	2.15	1.38
120.0	61.08	53.79	45.97	34.76	23.33	14.12	5.91	1.84	1.23
150.0	63.00	54.71	46.35	37.14	26.63	20.26	11.43	4.07	1.07
180.0	57.78	49.80	41.67	34.22	25.32	16.73	9.59	2.76	0.77
210.0	67.61	57.63	47.04	35.38	25.63	17.34	8.06	1.92	0.84
240.0	57.02	50.42	41.52	28.55	20.18	9.06	2.23	1.69	0.84
270.0	54.56	45.20	33.07	24.48	12.97	4.07	2.23	1.53	0.77
300.0	56.79	50.11	40.52	27.32	19.18	8.36	2.15	1.69	0.77
330.0	67.68	57.32	45.04	34.61	25.17	16.27	6.98	1.53	0.69
360.0	61.16	54.41	45.74	37.22	28.24	19.34	10.90	2.92	0.92

C/γ(°)	90.0
0.0	0.31
30.0	0.38
60.0	0.46
90.0	0.54
120.0	0.54
150.0	0.38
180.0	0.31
210.0	0.23
240.0	0.08
270.0	0.23
300.0	0.23
330.0	0.15
360.0	0.31