

浙大三色

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## ROLED

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灯具名称: 壁灯

灯具描述: W1022A-9-UN (30-OL-9WN-AJ, CT) 3颗发光面

报告编号:

电压(V): 220.4000

测试编号: 20210319008

电流(A): 0.0930

光源规格型号: OL

功率(W): 10.3000

每个光源光通量(lm)

功率因数: 0.5020

光源数量: 9

镇流器型号:

发光面长度(mm): 62

发光面宽度(mm): 48

测试模式: C

发光面高度(mm): 0

## 光度结果

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灯具光通量(lm): 311.76

灯具效能(lm/w): 30.27

中心光强(cd): 885.015

最大光强(cd): 885.859

最大光强角度:  $C=30.0$   $\gamma=0.0$

半峰边角(50%Imax): [C0/180]Total=28.5

[C90/270]Total=28.4

光束扩散角(10%Imax): [C0/180]Total=55.2

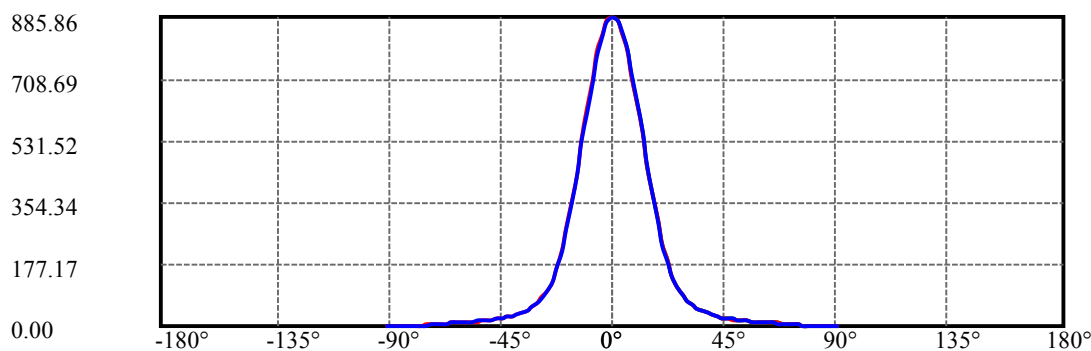
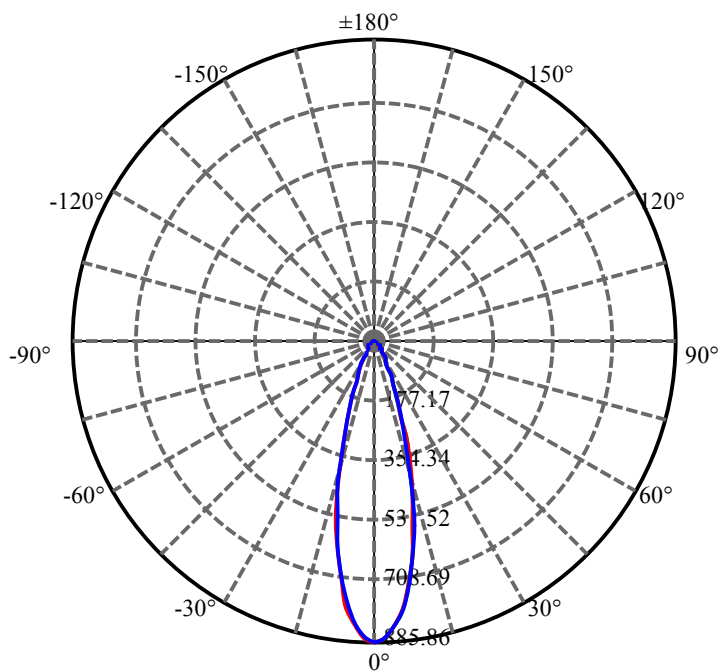
[C90/270]Total=55.2

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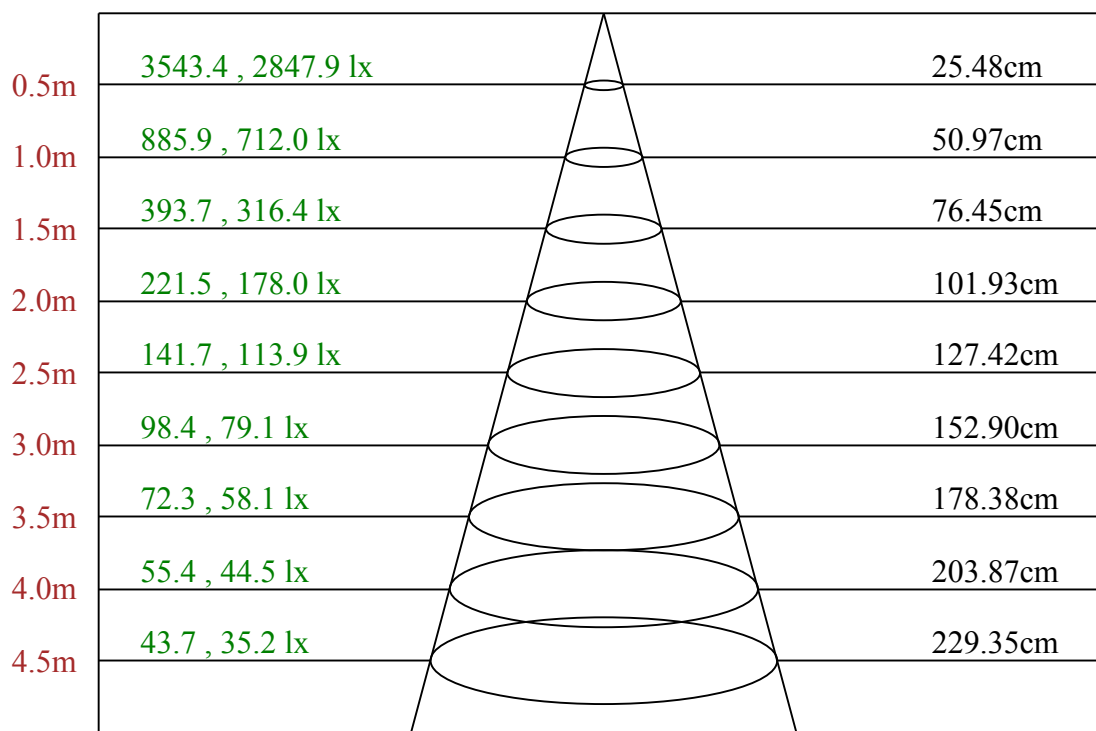
测试设备: GMS1800  
环境温度(°C): 25.0

测试日期: 2021/3/19  
环境湿度(%): 60.0%

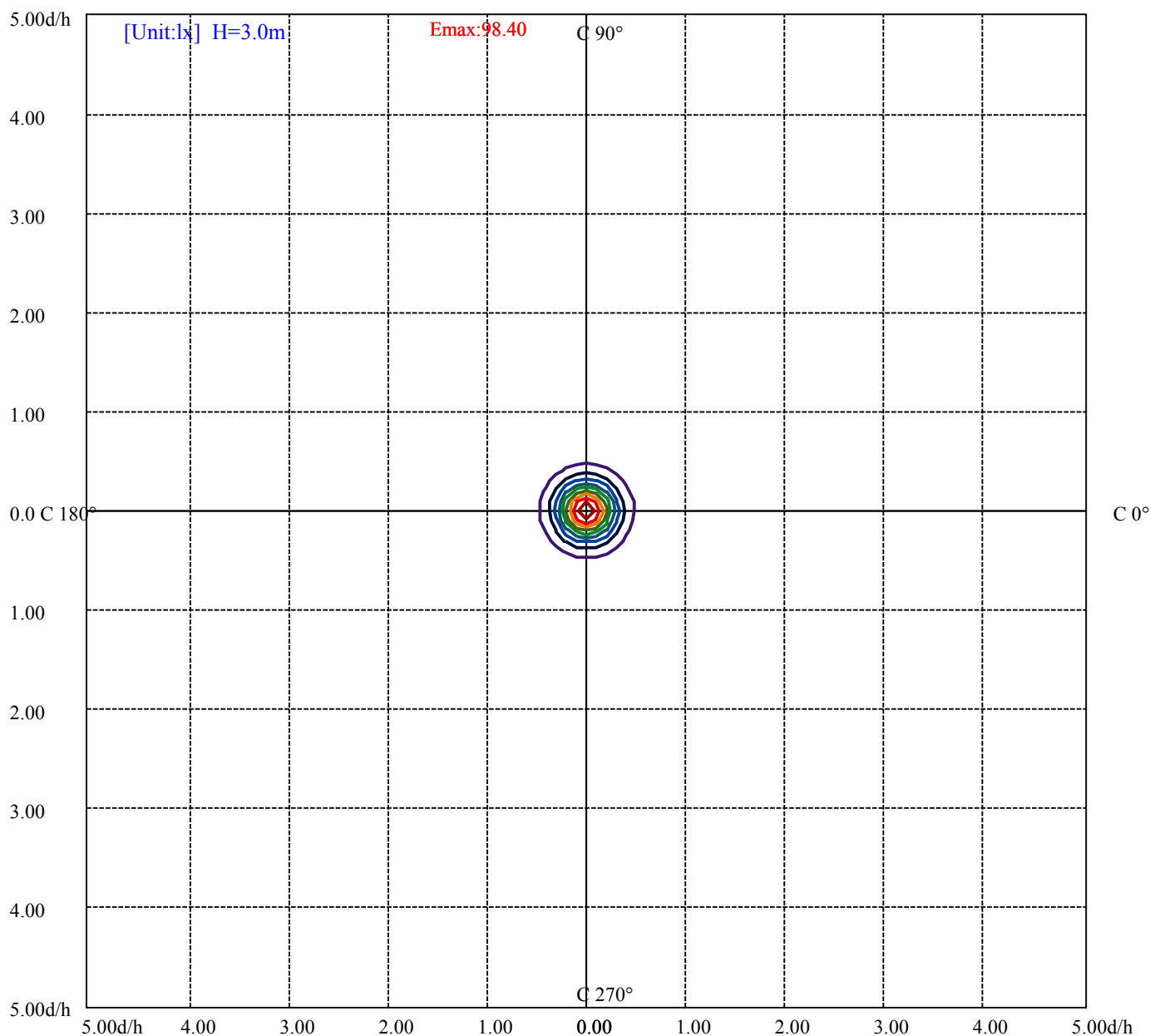
测试人员: anpeilou  
测试距离(m): 8.76



C30(Max): ——  
C0/C180: ——  
C90/C270: ——



Max , Ave    C30面光束角28.59



- (10%Emax) 9.840311
- (20%Emax) 19.68067
- (30%Emax) 29.52089
- (40%Emax) 39.36122
- (50%Emax) 49.20155
- (60%Emax) 59.04189
- (70%Emax) 68.88211
- (80%Emax) 78.72244
- (90%Emax) 88.56277

# ROLED 壁灯

## 灯具的亮度限制曲线(灯具无发光侧边)

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亮度值表

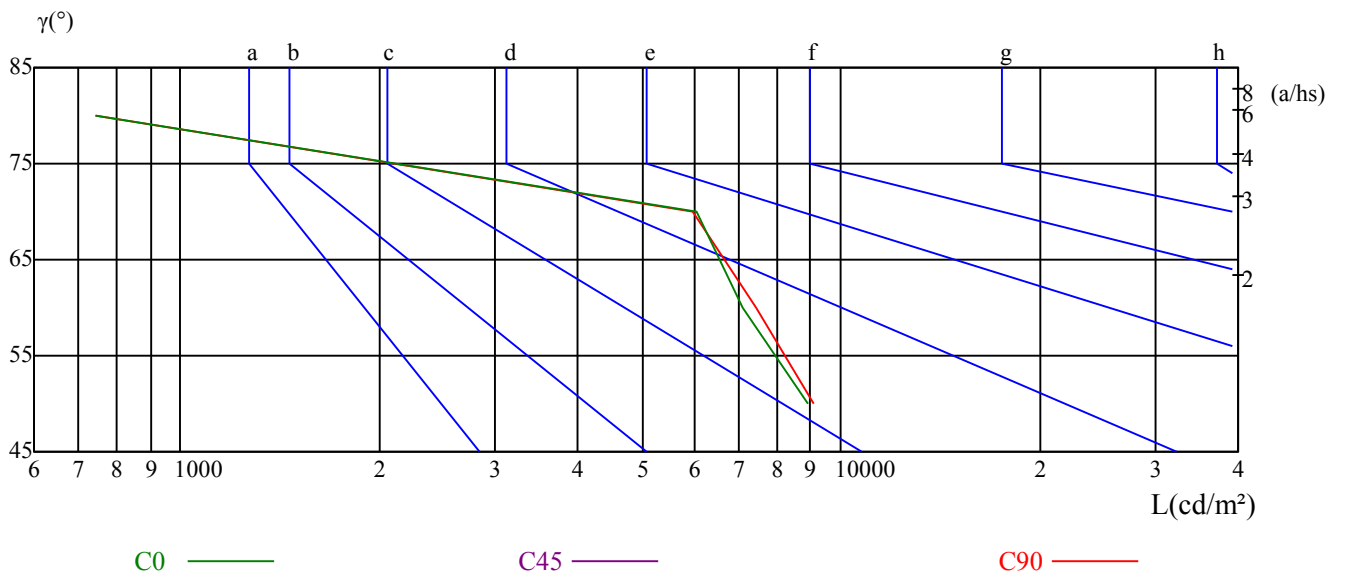
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	8906	0	7117	0	6031	0	742	0
C45	0	0	0	0	0	0	0	0	0
C90	0	9106	0	7426	0	5956	0	742	0

L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
48872	33954	0	32678	23512	0	26923	30621	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: 2021/3/19  
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	19.07	20.15	19.44	20.46	20.77	18.93	20.00	19.30	20.32	20.63
	3H	20.35	21.30	20.73	21.63	22.00	20.46	21.41	20.84	21.74	22.11
	4H	20.55	21.43	20.96	21.79	22.17	20.78	21.66	21.19	22.01	22.40
	6H	20.53	21.34	20.95	21.71	22.11	20.78	21.59	21.20	21.96	22.36
	8H	20.48	21.24	20.92	21.63	22.04	20.74	21.49	21.17	21.89	22.30
	12H	20.44	21.16	20.87	21.55	21.98	20.69	21.41	21.12	21.79	22.22
4H	2H	19.56	20.44	19.96	20.79	21.18	19.44	20.32	19.85	20.68	21.07
	3H	20.99	21.71	21.41	22.12	22.52	21.15	21.87	21.56	22.28	22.68
	4H	21.23	21.88	21.67	22.30	22.75	21.52	22.16	21.95	22.58	23.03
	6H	21.23	21.78	21.70	22.23	22.70	21.54	22.09	22.01	22.54	23.01
	8H	21.18	21.69	21.65	22.14	22.61	21.48	21.99	21.96	22.44	22.92
	12H	21.13	21.58	21.62	22.07	22.54	21.43	21.87	21.92	22.36	22.84
8H	4H	21.30	21.81	21.77	22.26	22.73	21.55	22.06	22.03	22.51	22.99
	6H	21.30	21.71	21.81	22.21	22.70	21.58	21.99	22.09	22.49	22.98
	8H	21.26	21.63	21.80	22.15	22.64	21.54	21.90	22.07	22.42	22.91
	12H	22.01	22.33	22.54	22.82	23.40	22.25	22.56	22.77	23.06	23.64
12H	4H	21.25	21.69	21.74	22.18	22.65	21.50	21.94	21.99	22.43	22.91
	6H	21.59	21.62	21.79	22.09	22.64	21.87	21.89	22.07	22.37	22.91
	8H	21.24	21.55	21.76	22.05	22.63	21.51	21.82	22.03	22.32	22.90
对应照射距离，改变观察者位置S											
S = 1.0H	0.6/-0.8					0.6/-0.7					
S = 1.5H	1.4/-1.3					1.4/-1.2					
S = 2.0H	3.3/-1.8					3.0/-1.5					
标准表格	BK2					BK2					
更正系数	-0.4					-0.3					

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光强数据表(cd)

C/γ(°)	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0
0.0	885.01	872.89	840.12	786.71	717.96	640.07	550.67	464.34	378.85
30.0	885.86	875.19	843.12	791.47	720.64	636.62	553.12	464.34	378.47
60.0	885.40	872.97	836.82	782.95	709.06	629.09	542.15	456.59	370.72
90.0	885.01	877.26	844.80	793.39	726.94	641.83	556.65	465.95	377.78
120.0	885.17	875.12	841.12	788.63	718.57	632.47	542.61	455.97	369.34
150.0	884.71	877.95	847.34	796.92	725.17	642.98	551.90	459.20	374.79
180.0	885.01	873.04	837.51	785.03	709.06	625.49	534.09	441.09	355.60
210.0	885.86	872.89	837.21	780.42	704.07	618.89	525.42	433.80	345.40
240.0	885.40	874.58	839.13	784.87	712.66	631.24	534.02	449.68	363.28
270.0	885.01	869.97	830.07	772.13	701.23	613.13	526.96	437.94	351.46
300.0	885.17	872.66	836.98	780.65	713.66	629.94	544.30	454.67	374.40
330.0	884.71	869.13	832.91	778.20	706.45	620.12	532.71	449.76	363.28
360.0	885.01	872.89	840.12	786.71	717.96	640.07	550.67	464.34	378.85
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	303.50	237.43	184.78	141.50	111.12	88.17	71.75	59.09	49.19
30.0	305.19	238.04	185.86	142.12	112.34	89.25	72.98	59.70	49.57
60.0	294.52	228.37	175.96	138.28	108.74	87.86	71.60	59.01	49.42
90.0	299.81	233.05	182.25	141.43	112.04	89.17	72.13	59.78	49.80
120.0	292.45	226.30	176.57	136.67	107.05	86.56	70.29	57.86	48.50
150.0	295.90	231.75	175.27	137.21	106.74	84.64	69.14	56.63	47.50
180.0	279.86	217.86	165.91	129.07	100.30	80.50	64.54	53.56	44.66
210.0	273.42	209.49	160.61	123.32	96.08	76.05	62.31	51.41	42.82
240.0	287.92	223.69	170.51	131.53	101.60	81.34	65.61	54.79	45.66
270.0	276.41	216.02	164.14	126.69	100.22	79.27	64.38	53.10	44.74
300.0	296.51	234.82	180.49	138.36	109.81	87.25	70.37	57.86	48.73
330.0	291.45	226.91	173.89	135.98	106.51	84.26	68.22	56.63	47.04
360.0	303.50	237.43	184.78	141.50	111.12	88.17	71.75	59.09	49.19
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	41.90	36.07	31.08	27.01	24.02	21.18	18.80	17.04	15.27
30.0	42.36	36.37	31.54	27.55	24.33	21.64	19.49	17.65	16.11
60.0	42.44	36.45	31.77	28.01	24.56	21.87	19.64	17.80	16.04
90.0	42.21	36.22	31.54	27.55	24.40	21.72	19.34	17.42	15.81
120.0	41.67	35.84	31.39	27.40	24.10	21.41	19.26	17.42	15.73
150.0	40.13	34.46	29.85	26.32	23.17	20.64	18.65	16.88	15.42
180.0	37.99	32.84	28.62	25.17	22.10	19.80	17.73	16.04	14.50
210.0	36.91	31.77	27.86	24.56	21.87	19.41	17.65	16.19	14.81
240.0	38.83	33.92	29.54	26.01	23.10	20.72	18.65	16.96	15.42
270.0	38.14	33.00	28.93	25.48	22.48	20.26	18.26	16.58	15.12
300.0	41.28	35.91	31.16	27.24	24.02	21.33	19.26	17.42	15.81
330.0	40.29	34.61	29.93	26.32	23.33	20.72	18.72	17.04	15.50
360.0	41.90	36.07	31.08	27.01	24.02	21.18	18.80	17.04	15.27
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	13.97	12.66	11.66	10.59	9.82	9.06	8.29	7.44	6.14
30.0	14.58	13.43	12.35	11.43	10.59	9.75	8.98	8.21	6.98
60.0	14.73	13.51	12.43	11.36	10.44	9.44	8.36	7.37	6.29
90.0	14.50	13.20	12.12	11.05	10.05	8.90	7.90	7.06	6.06
120.0	14.43	13.20	12.20	11.13	10.28	9.13	7.98	6.98	5.99
150.0	14.04	12.97	11.89	10.97	10.21	9.36	8.75	7.90	6.68
180.0	13.28	12.20	11.13	10.28	9.52	8.75	7.98	7.14	5.99
210.0	13.66	12.66	11.59	10.82	9.98	8.98	7.98	7.06	6.14
240.0	14.20	12.89	11.89	10.97	10.13	9.21	7.98	6.98	5.76
270.0	13.81	12.58	11.66	10.67	9.75	8.67	7.52	5.99	4.76
300.0	14.50	13.20	12.12	11.13	10.21	9.29	8.06	7.14	5.83
330.0	14.27	13.12	12.12	11.20	10.28	9.44	8.29	7.29	6.45
360.0	13.97	12.66	11.66	10.59	9.82	9.06	8.29	7.44	6.14

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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	5.14	3.99	2.61	1.46	0.38	0.23	0.15	0.00	0.00
30.0	5.06	3.84	2.61	2.00	0.92	0.54	0.54	0.46	0.46
60.0	5.06	3.45	2.30	1.07	0.61	0.38	0.38	0.31	0.23
90.0	4.76	3.53	1.76	0.46	0.38	0.23	0.15	0.08	0.08
120.0	4.99	3.38	2.30	1.07	0.46	0.46	0.38	0.15	0.15
150.0	4.91	3.61	2.46	1.84	0.77	0.46	0.31	0.31	0.31
180.0	4.99	3.68	2.38	1.46	0.38	0.15	0.08	0.08	0.08
210.0	5.22	4.07	2.69	1.23	0.54	0.54	0.46	0.38	0.46
240.0	4.53	3.45	2.46	1.53	0.92	0.84	0.77	0.69	0.69
270.0	3.68	2.53	1.84	0.92	0.46	0.38	0.31	0.15	0.08
300.0	4.53	3.53	2.53	1.61	1.00	0.92	1.00	1.07	1.15
330.0	5.45	4.53	2.84	1.46	0.77	0.77	0.84	0.77	0.84
360.0	5.14	3.99	2.61	1.46	0.38	0.23	0.15	0.00	0.00

C/γ(°)	90.0
0.0	0.00
30.0	0.38
60.0	0.08
90.0	0.00
120.0	0.00
150.0	0.15
180.0	0.00
210.0	0.38
240.0	0.46
270.0	0.00
300.0	1.15
330.0	1.00
360.0	0.00