

浙大三色

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ROLED

灯具名称: 壁灯

灯具描述: W1024C17-2-UN (24-CR-2WN-AA, P1)

报告编号:

电压(V): 220.4000

测试编号: 20210314012

电流(A): 0.1640

光源规格型号: CR

功率(W): 34.6000

每个光源光通量(lm)

功率因数: 0.9570

光源数量: 1

镇流器型号:

发光面长度(mm): 50

发光面宽度(mm): 50

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 1203.82

灯具效能(lm/w): 34.79

中心光强(cd): 4341.813

最大光强(cd): 4407.808

最大光强角度: $C=210.0 \gamma=2.0$

半峰边角(50%Imax): [C0/180]Total=25.0

[C90/270]Total=24.7

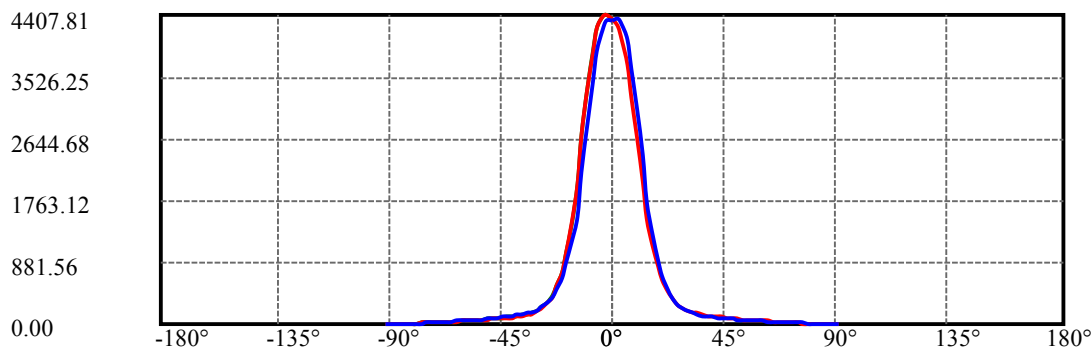
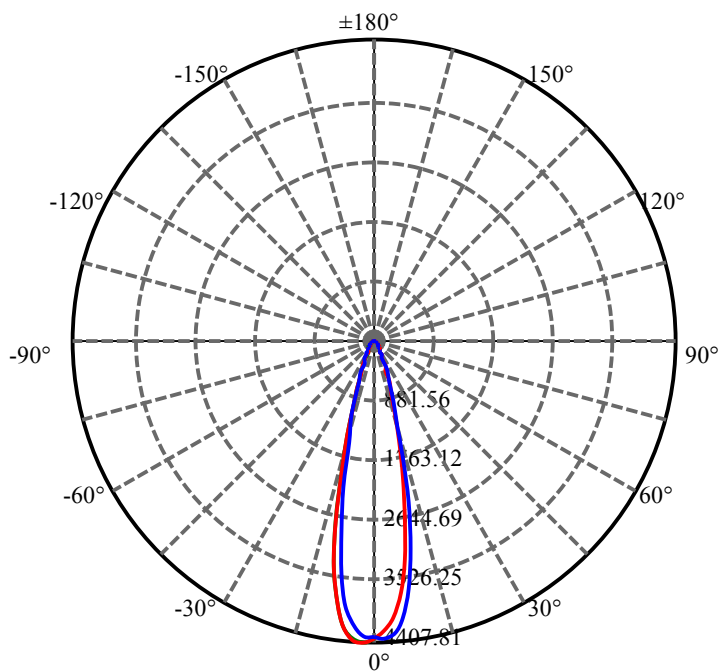
光束扩散角(10%Imax): [C0/180]Total=46.3

[C90/270]Total=46.1

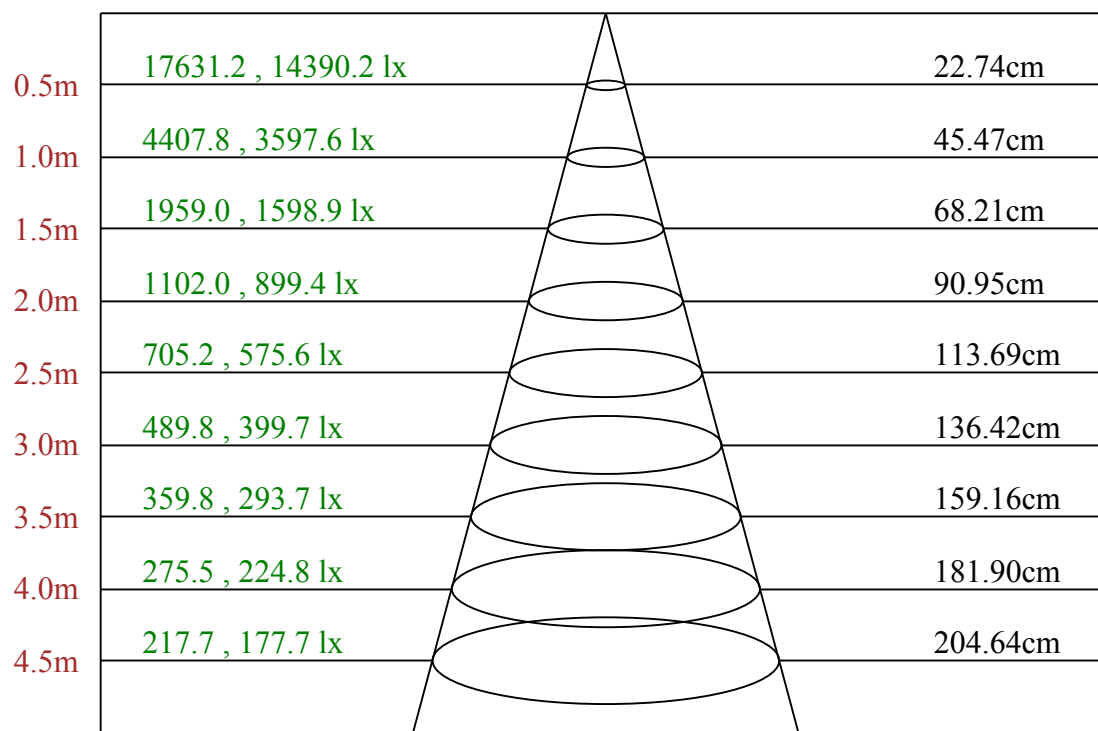
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/3/14
环境湿度(%): 60.0%

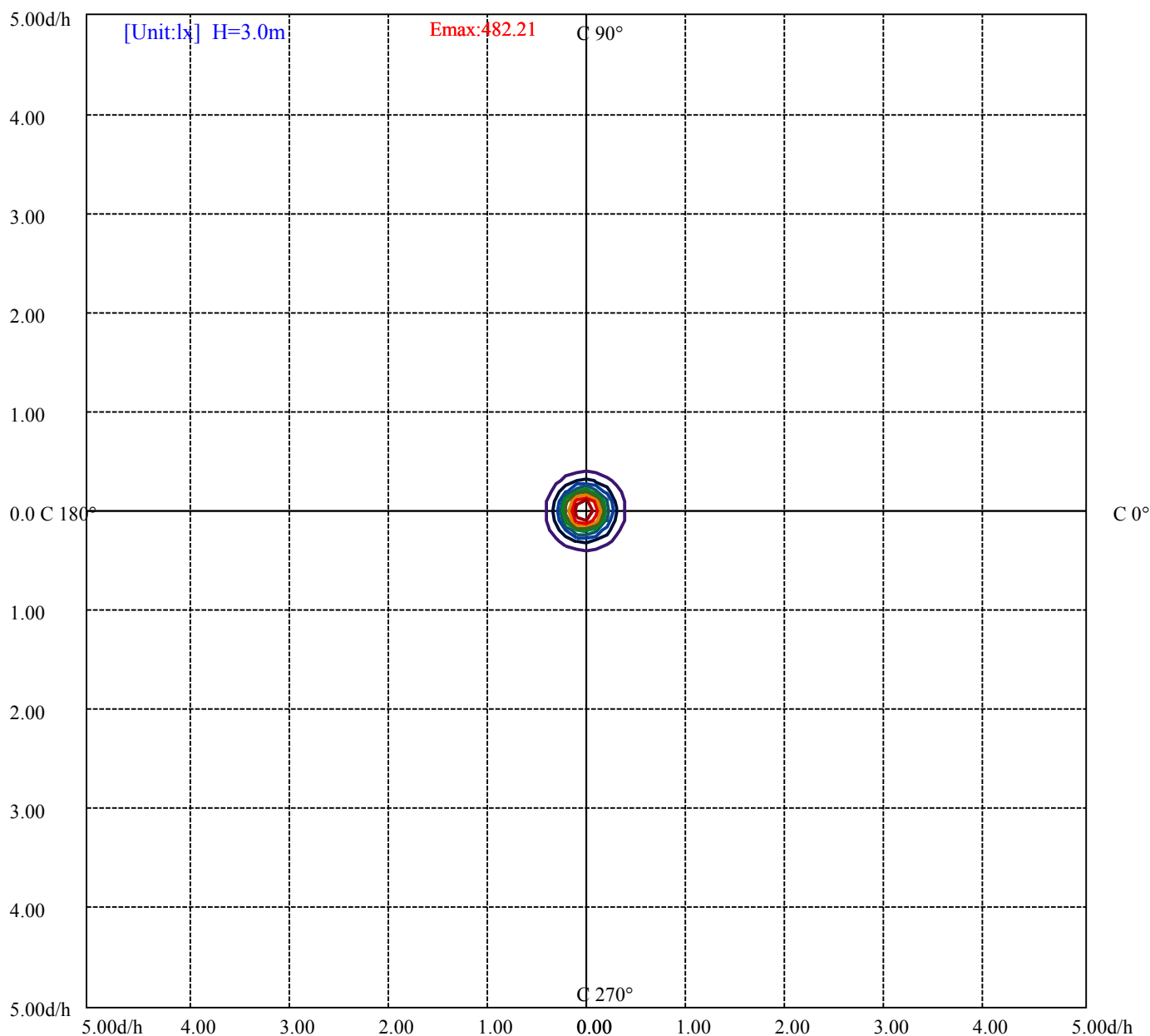
测试人员: anpeilou
测试距离(m): 8.76



C210(Max): —
C0/C180: —
C90/C270: —



Max , Ave C210面光束角25.61



- (10%Emax) 48.221
- (20%Emax) 96.442
- (30%Emax) 144.6633
- (40%Emax) 192.8844
- (50%Emax) 241.1055
- (60%Emax) 289.3256
- (70%Emax) 337.5467
- (80%Emax) 385.7678
- (90%Emax) 433.9889

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灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

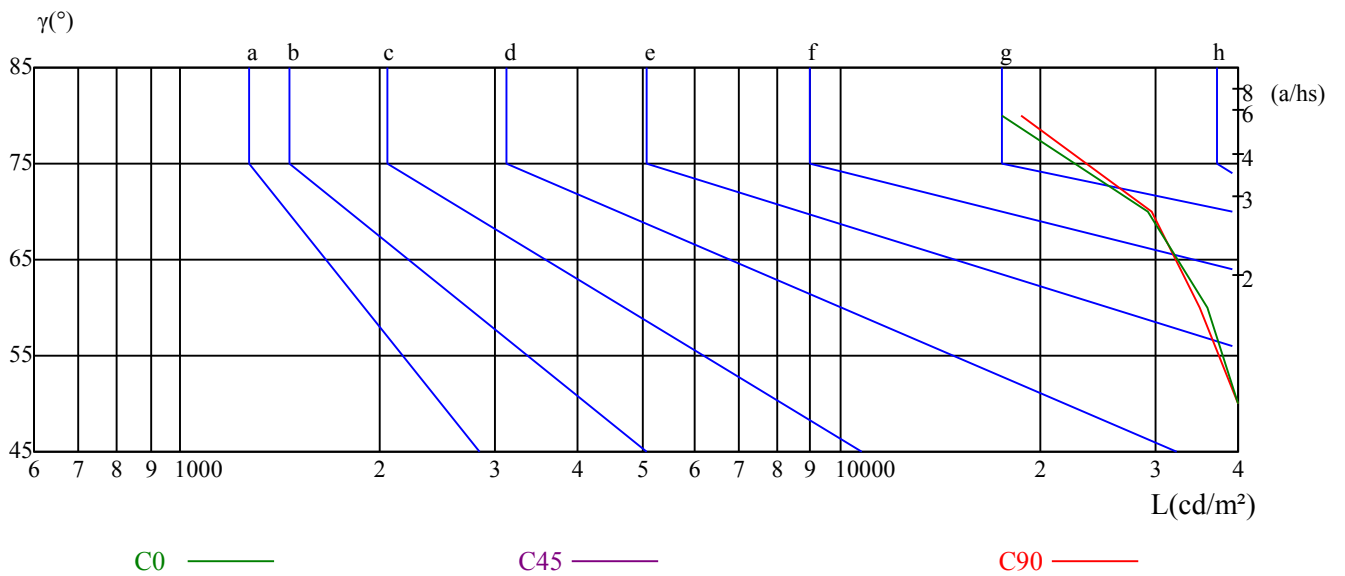
γ	45	50	55	60	65	70	75	80	85
C0	0	45986	0	35913	0	29257	0	17500	0
C45	0	0	0	0	0	0	0	0	0
C90	0	41879	0	34870	0	29616	0	18737	0

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	19.94	21.02	20.30	21.33	21.65	19.81	20.90	20.18	21.21	21.52
	3H	21.43	22.39	21.81	22.72	23.09	21.28	22.24	21.67	22.58	22.94
	4H	21.88	22.77	22.28	23.12	23.51	21.73	22.62	22.14	22.97	23.36
	6H	22.12	22.93	22.54	23.31	23.70	21.97	22.79	22.39	23.16	23.56
	8H	22.15	22.91	22.58	23.31	23.72	22.00	22.77	22.44	23.16	23.57
	12H	22.14	22.88	22.58	23.26	23.69	22.00	22.73	22.43	23.11	23.55
4H	2H	20.40	21.29	20.80	21.64	22.03	20.30	21.19	20.70	21.54	21.93
	3H	22.06	22.79	22.48	23.20	23.61	21.94	22.66	22.35	23.07	23.48
	4H	22.60	23.25	23.04	23.67	24.12	22.47	23.12	22.91	23.54	23.99
	6H	22.87	23.43	23.34	23.87	24.35	22.73	23.29	23.20	23.74	24.21
	8H	22.91	23.43	23.39	23.88	24.35	22.77	23.29	23.25	23.74	24.22
	12H	22.91	23.36	23.40	23.84	24.32	22.77	23.22	23.26	23.70	24.18
8H	4H	22.73	23.24	23.20	23.69	24.17	22.61	23.13	23.08	23.58	24.05
	6H	23.08	23.49	23.58	23.99	24.48	22.94	23.35	23.45	23.85	24.34
	8H	23.15	23.52	23.68	24.04	24.54	23.01	23.37	23.54	23.90	24.39
	12H	23.77	24.09	24.29	24.59	25.17	23.62	23.94	24.14	24.44	25.01
12H	4H	22.70	23.15	23.19	23.63	24.11	22.58	23.03	23.07	23.52	24.00
	6H	23.41	23.43	23.59	23.90	24.45	23.28	23.30	23.46	23.77	24.31
	8H	23.16	23.48	23.68	23.98	24.56	23.02	23.34	23.54	23.84	24.41
对应照射距离，改变观察者位置S											
S = 1.0H	0.3/-0.6					0.3/-0.6					
S = 1.5H	0.9/-0.9					0.9/-1.0					
S = 2.0H	1.8/-1.1					2.0/-1.3					
标准表格	BK3					BK3					
更正系数	5.7					5.9					

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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	4341.81	4253.57	4058.65	3699.52	3238.33	2648.21	2027.41	1513.27	1129.58
30.0	4342.58	4274.28	4107.76	3807.72	3353.43	2784.81	2140.21	1593.84	1157.97
60.0	4337.21	4300.38	4175.29	3908.25	3463.94	2860.78	2217.72	1529.46	1154.36
90.0	4337.21	4350.25	4280.42	4064.02	3653.48	3078.71	2411.10	1761.13	1273.08
120.0	4339.51	4380.95	4326.47	4114.67	3741.73	3188.45	2545.39	1850.14	1303.62
150.0	4330.30	4393.23	4384.02	4236.68	3925.90	3462.40	2804.76	2118.73	1487.17
180.0	4341.81	4407.04	4387.09	4219.80	3873.71	3326.57	2695.02	2008.99	1445.05
210.0	4342.58	4407.81	4376.35	4205.99	3880.62	3353.43	2673.54	2004.39	1425.78
240.0	4337.21	4377.88	4326.47	4101.62	3754.77	3265.18	2580.69	1909.23	1378.97
270.0	4337.21	4331.07	4202.15	3895.20	3437.84	2819.34	2175.51	1529.92	1181.30
300.0	4339.51	4291.93	4155.34	3854.53	3436.31	2832.38	2144.05	1576.19	1167.18
330.0	4330.30	4235.15	4045.61	3728.68	3242.93	2597.57	1981.36	1467.61	1072.10
360.0	4341.81	4253.57	4058.65	3699.52	3238.33	2648.21	2027.41	1513.27	1129.58
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	824.93	616.97	471.17	387.52	283.01	227.68	194.30	171.12	152.25
30.0	849.49	636.92	475.01	389.83	277.79	225.84	191.31	168.82	148.95
60.0	848.03	622.34	463.57	350.31	274.03	219.78	185.01	160.30	142.12
90.0	909.34	671.45	494.96	392.13	283.39	225.84	185.40	158.16	137.44
120.0	915.94	668.92	489.13	362.82	275.18	214.25	176.34	146.11	127.15
150.0	1035.96	732.08	537.16	395.20	293.91	227.22	180.26	149.02	126.08
180.0	1022.38	740.52	537.55	394.66	297.51	227.14	180.72	149.25	128.92
210.0	1024.52	742.13	543.69	412.93	314.09	243.10	196.37	165.06	141.35
240.0	979.94	722.10	548.67	414.38	322.60	255.46	205.89	174.35	153.86
270.0	879.57	655.19	488.90	372.18	294.14	236.43	198.60	173.35	154.09
300.0	848.72	639.99	475.01	389.83	280.94	232.75	196.06	171.51	151.86
330.0	793.47	601.93	451.37	349.31	273.72	222.77	189.85	167.98	148.95
360.0	824.93	616.97	471.17	387.52	283.01	227.68	194.30	171.12	152.25
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	134.98	122.86	114.19	105.44	96.31	88.25	81.27	73.90	66.61
30.0	132.07	120.78	113.65	105.51	97.61	91.32	83.80	74.74	66.30
60.0	125.77	114.57	106.51	98.07	89.86	82.88	76.66	70.06	63.85
90.0	122.86	111.58	102.83	95.54	88.40	81.19	73.98	67.30	61.24
120.0	112.57	101.52	93.24	86.56	81.19	74.74	69.06	63.08	58.01
150.0	110.81	98.84	90.24	82.80	76.66	71.21	66.15	61.31	56.63
180.0	113.49	101.68	92.85	86.18	80.80	75.13	69.60	63.69	58.40
210.0	125.39	114.26	103.37	96.00	89.48	82.57	75.59	68.99	62.23
240.0	137.28	123.24	112.27	104.67	96.38	88.17	81.34	73.74	65.69
270.0	139.59	127.61	120.02	112.27	102.21	92.39	82.49	73.98	65.61
300.0	135.52	123.39	115.11	107.43	98.68	90.47	83.26	76.12	69.29
330.0	132.91	120.55	112.65	104.90	95.46	87.86	81.19	74.36	66.76
360.0	134.98	122.86	114.19	105.44	96.31	88.25	81.27	73.90	66.61
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	59.63	54.18	48.81	44.89	41.44	37.06	33.38	29.24	25.02
30.0	59.09	53.26	47.96	44.12	40.90	37.14	33.38	29.31	25.63
60.0	57.71	52.49	47.58	43.43	40.52	36.22	32.92	28.93	24.86
90.0	56.10	51.72	47.19	43.59	40.59	37.22	33.38	29.39	25.32
120.0	53.26	49.04	45.28	41.82	39.06	35.91	32.23	28.47	24.40
150.0	52.72	48.57	44.51	40.98	38.14	35.07	31.54	28.24	24.33
180.0	53.41	49.04	45.12	41.44	38.52	35.22	31.92	28.24	24.10
210.0	56.79	52.18	47.65	43.97	40.75	37.06	33.46	29.70	25.25
240.0	58.70	53.03	48.34	44.58	41.52	37.60	33.99	30.31	26.32
270.0	58.86	53.26	48.50	44.74	41.36	37.37	33.46	29.47	25.09
300.0	61.77	56.40	51.03	46.66	42.67	37.91	33.92	29.70	24.71
330.0	59.70	53.79	48.42	43.82	39.60	35.15	31.16	26.86	22.87
360.0	59.63	54.18	48.81	44.89	41.44	37.06	33.38	29.24	25.02

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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	20.95	17.34	13.58	10.36	7.60	3.30	1.15	0.54	0.31
30.0	21.10	17.42	13.81	10.67	7.83	3.61	1.30	0.54	0.31
60.0	20.80	16.96	13.66	10.59	7.60	3.15	1.23	0.46	0.23
90.0	21.41	17.65	14.04	11.05	8.13	3.84	1.38	0.54	0.31
120.0	20.57	16.88	13.35	10.67	7.98	3.45	1.30	0.54	0.38
150.0	20.72	17.27	13.97	11.36	8.67	4.30	1.53	0.54	0.38
180.0	20.64	17.04	13.74	11.13	8.36	3.91	1.53	0.61	0.38
210.0	21.18	17.50	14.20	10.51	6.83	3.53	1.53	0.69	0.31
240.0	22.18	18.72	15.04	11.97	8.98	4.22	1.84	0.77	0.31
270.0	21.33	17.50	13.66	10.90	7.90	3.68	1.46	0.61	0.23
300.0	20.72	17.04	13.58	10.59	7.52	3.22	1.30	0.61	0.38
330.0	19.11	15.96	12.82	9.82	5.29	2.61	1.07	0.46	0.31
360.0	20.95	17.34	13.58	10.36	7.60	3.30	1.15	0.54	0.31

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