

浙大三色

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ROLED

灯具名称: 地埋灯

灯具描述: G1033A-9-UN(30-OL-9WN-AA, P1)

报告编号:

电压(V): 220.4000

测试编号: 20210323003

电流(A): 0.0490

光源规格型号: OL

功率(W): 10.1000

每个光源光通量(lm)

功率因数: 0.9370

光源数量: 9

镇流器型号:

发光面长度(mm): 110

发光面宽度(mm): 110

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 948.52

灯具效能(lm/w): 93.91

中心光强(cd): 2663.562

最大光强(cd): 2668.167

最大光强角度: $C=30.0$ $\gamma=0.0$

半峰边角(50%Imax): [C0/180]Total=28.6

[C90/270]Total=28.7

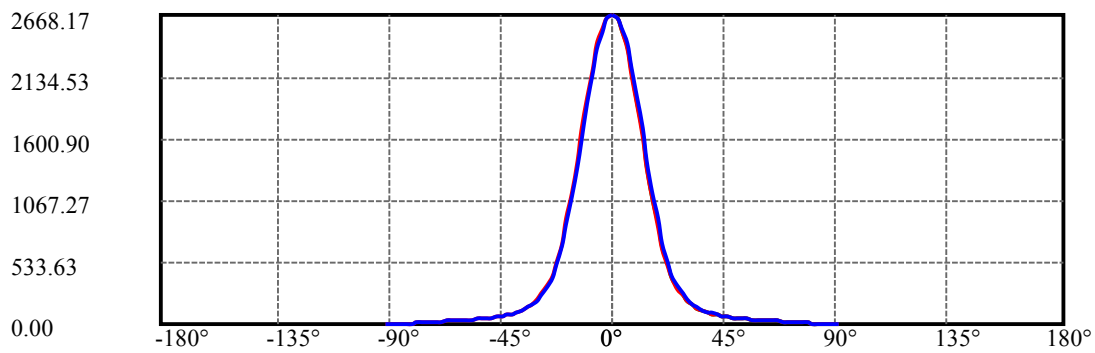
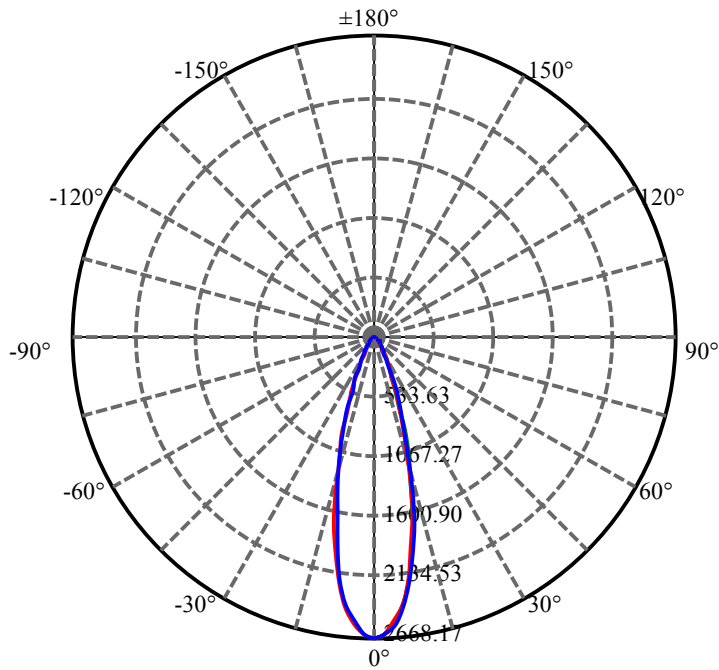
光束扩散角(10%Imax): [C0/180]Total=55.0

[C90/270]Total=55.3

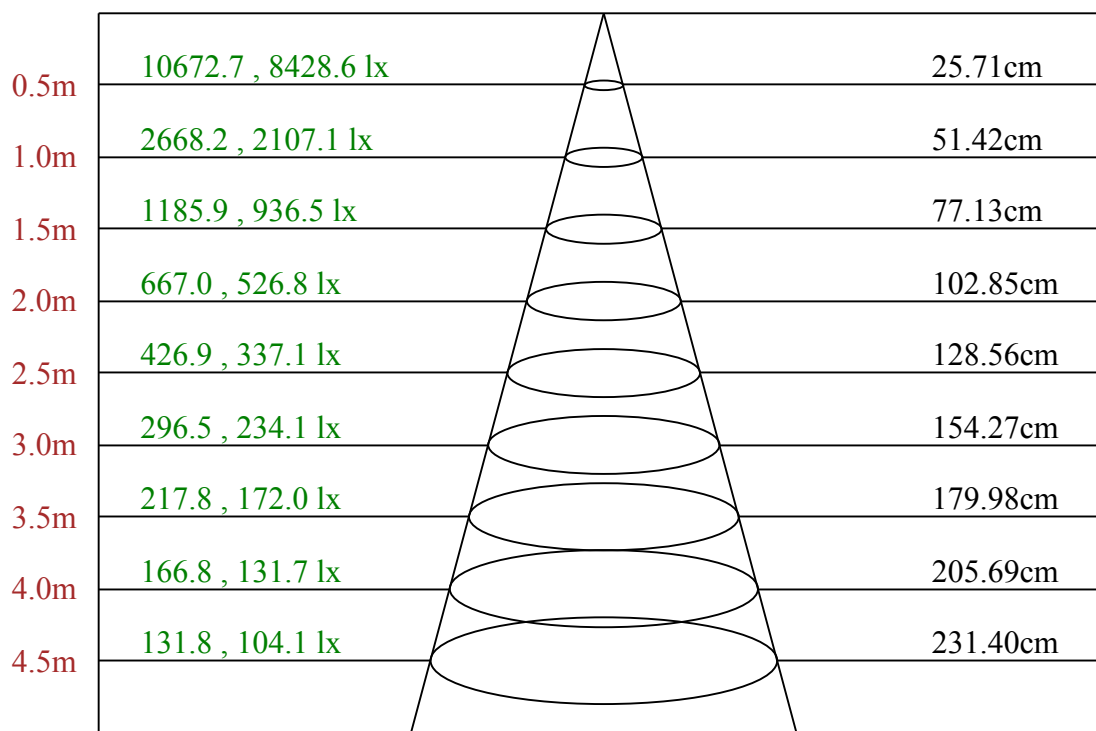
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/3/23
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

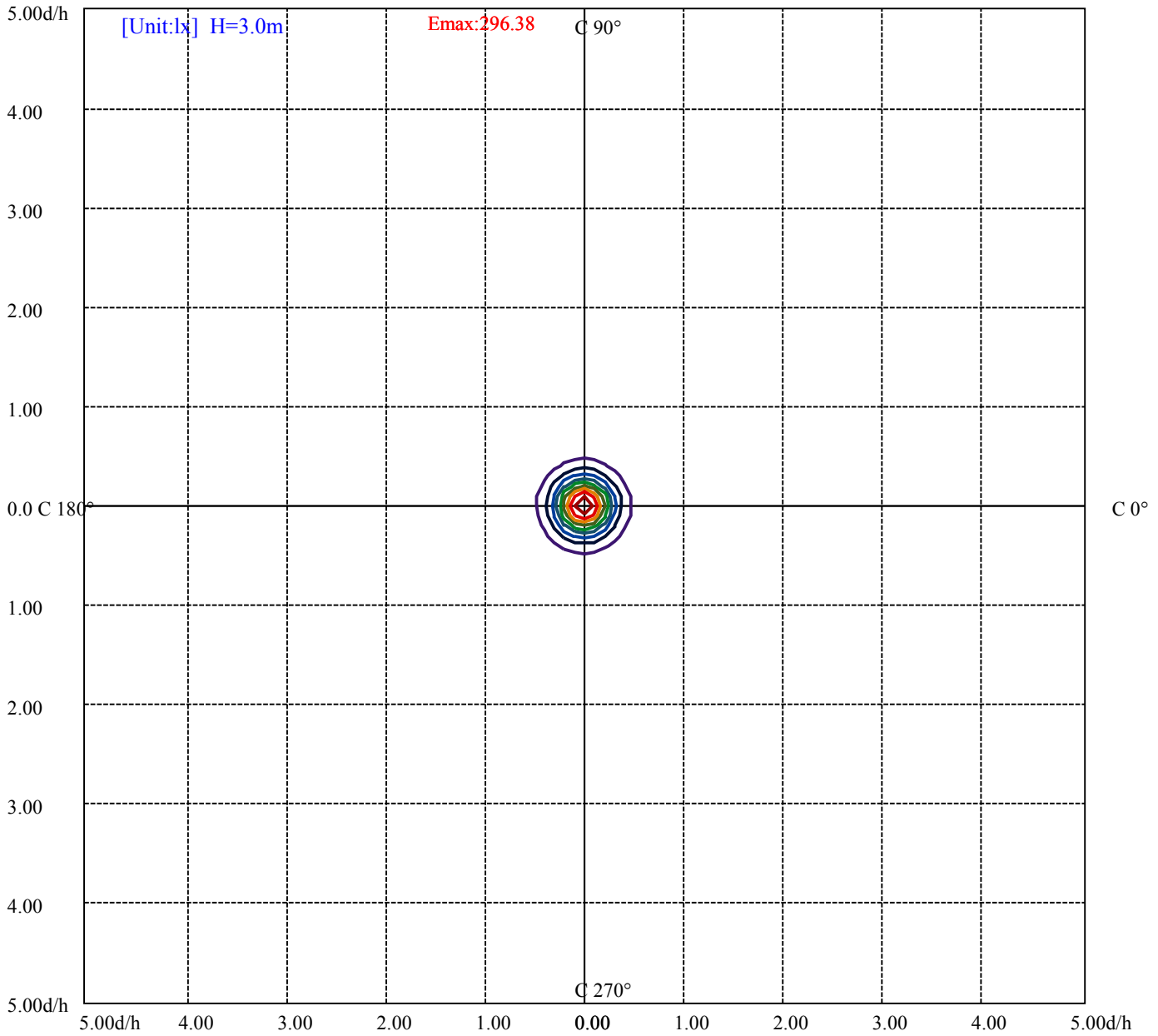


C30(Max): ——
C0/C180: ——
C90/C270: ——



Max , Ave C30面光束角28.84

ROLED 地埋灯
平面等照度曲线



(10%Emax) 29.63778	——
(20%Emax) 59.27544	——
(30%Emax) 88.91322	——
(40%Emax) 118.5511	——
(50%Emax) 148.1889	——
(60%Emax) 177.8267	——
(70%Emax) 207.4644	——
(80%Emax) 237.1022	——
(90%Emax) 266.74	——

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测试距离(m): 8.76

ROLED 地埋灯

灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

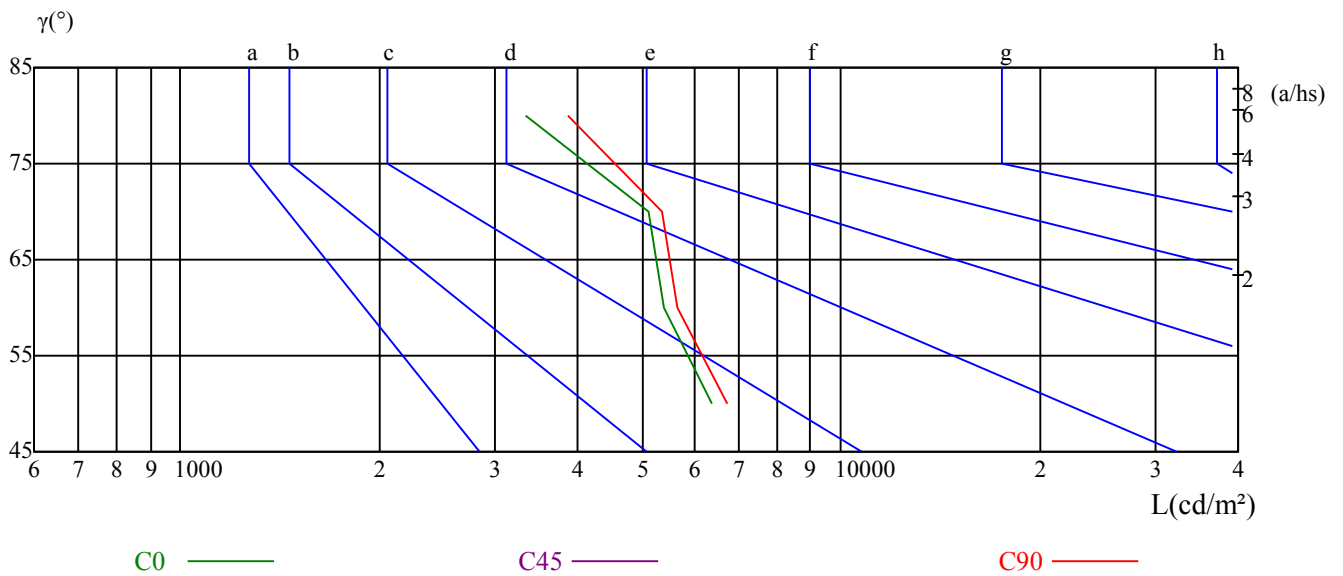
γ	45	50	55	60	65	70	75	80	85
C0	0	6403	0	5416	0	5118	0	3323	0
C45	0	0	0	0	0	0	0	0	0
C90	0	6729	0	5670	0	5377	0	3871	0

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	14.21	15.29	14.58	15.61	15.92	14.06	15.14	14.43	15.46	15.77
	3H	15.96	16.92	16.34	17.25	17.62	15.80	16.76	16.19	17.10	17.46
	4H	16.59	17.49	17.00	17.84	18.23	16.39	17.28	16.80	17.63	18.02
	6H	16.94	17.76	17.36	18.13	18.53	16.70	17.51	17.12	17.89	18.28
	8H	16.99	17.76	17.42	18.15	18.56	16.74	17.51	17.17	17.90	18.31
	12H	17.00	17.73	17.43	18.11	18.54	16.74	17.47	17.17	17.86	18.29
4H	2H	14.73	15.62	15.14	15.98	16.36	14.61	15.50	15.02	15.86	16.25
	3H	16.71	17.44	17.12	17.85	18.25	16.56	17.29	16.98	17.70	18.10
	4H	17.45	18.10	17.89	18.52	18.97	17.26	17.91	17.70	18.34	18.78
	6H	17.82	18.37	18.28	18.82	19.30	17.59	18.15	18.06	18.60	19.07
	8H	17.88	18.40	18.35	18.85	19.32	17.65	18.17	18.12	18.62	19.09
	12H	17.89	18.34	18.38	18.82	19.30	17.64	18.10	18.13	18.58	19.06
8H	4H	17.65	18.17	18.13	18.62	19.10	17.49	18.01	17.96	18.46	18.93
	6H	18.11	18.53	18.62	19.03	19.51	17.90	18.32	18.41	18.82	19.30
	8H	18.22	18.59	18.75	19.11	19.60	17.99	18.36	18.52	18.88	19.38
	12H	18.77	19.08	19.29	19.58	20.16	18.54	18.86	19.06	19.36	19.94
12H	4H	17.63	18.08	18.12	18.57	19.05	17.47	17.93	17.96	18.41	18.89
	6H	18.46	18.48	18.64	18.95	19.50	18.26	18.28	18.44	18.75	19.30
	8H	18.24	18.56	18.76	19.06	19.64	18.03	18.34	18.55	18.84	19.42
对应照射距离，改变观察者位置S											
S = 1.0H	0.5/-0.6					0.4/-0.6					
S = 1.5H	1.0/-0.9					1.0/-0.9					
S = 2.0H	2.1/-0.9					2.1/-1.0					
标准表格	BK3					BK3					
更正系数	-0.2					-0.4					

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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	2663.56	2629.03	2527.74	2374.26	2149.42	1896.19	1602.28	1335.23	1068.95
30.0	2668.17	2635.94	2543.08	2383.47	2179.35	1913.07	1641.42	1353.65	1082.77
60.0	2666.63	2629.80	2528.50	2374.26	2152.49	1899.26	1530.99	1340.91	1070.11
90.0	2665.10	2642.08	2558.43	2412.63	2217.72	1960.65	1692.06	1405.07	1131.88
120.0	2665.10	2635.94	2543.08	2408.79	2200.83	1944.53	1662.90	1394.86	1122.06
150.0	2662.79	2646.68	2563.80	2434.88	2242.27	2004.39	1726.60	1440.36	1166.41
180.0	2663.56	2637.47	2548.46	2416.47	2211.58	1956.04	1677.48	1407.83	1134.57
210.0	2668.17	2642.84	2553.83	2409.56	2202.37	1954.51	1675.18	1401.08	1135.64
240.0	2666.63	2643.61	2555.36	2418.77	2220.02	1982.13	1694.37	1413.51	1139.55
270.0	2665.10	2627.50	2525.43	2371.96	2170.14	1906.16	1575.42	1353.19	1093.13
300.0	2665.10	2631.33	2535.41	2378.10	2178.58	1921.51	1634.51	1369.77	1102.72
330.0	2662.79	2617.52	2505.48	2339.73	2114.12	1857.05	1530.07	1317.43	1050.77
360.0	2663.56	2629.03	2527.74	2374.26	2149.42	1896.19	1602.28	1335.23	1068.95
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	831.07	650.73	489.59	389.83	299.89	242.11	195.30	162.45	136.06
30.0	861.76	664.55	508.00	391.36	310.25	247.02	202.82	166.98	139.51
60.0	837.90	642.29	496.72	382.69	299.05	240.88	195.30	160.61	134.75
90.0	905.50	702.92	537.93	415.15	328.59	260.60	212.26	173.81	144.65
120.0	885.01	693.78	531.79	410.78	320.07	256.61	206.81	171.05	142.12
150.0	924.69	726.71	557.11	434.33	339.10	268.50	216.48	177.95	147.26
180.0	907.73	700.54	536.32	413.54	325.67	258.22	208.27	172.05	142.81
210.0	895.91	702.15	535.01	412.69	323.07	256.07	210.11	172.81	144.65
240.0	891.69	701.38	536.40	414.38	326.90	259.45	208.80	173.27	144.27
270.0	860.00	675.29	515.52	398.58	315.93	248.78	204.12	168.67	142.19
300.0	861.76	669.15	519.51	397.50	313.47	252.85	203.51	168.82	139.89
330.0	825.01	637.23	493.81	382.15	300.43	241.34	196.29	164.14	136.98
360.0	831.07	650.73	489.59	389.83	299.89	242.11	195.30	162.45	136.06
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	115.34	99.76	86.56	76.58	67.91	60.70	54.56	49.80	45.28
30.0	119.40	102.98	89.63	78.73	70.29	62.77	56.63	51.64	47.27
60.0	115.72	99.91	87.25	77.35	68.76	61.62	55.71	50.95	46.66
90.0	123.70	106.44	92.32	80.96	71.60	63.69	57.32	52.34	47.81
120.0	120.25	103.75	89.63	78.81	69.68	62.69	56.56	51.41	47.04
150.0	125.47	107.13	92.62	81.03	70.83	62.92	56.25	51.18	46.27
180.0	120.71	103.29	89.94	78.66	69.29	62.00	55.79	50.49	46.04
210.0	122.93	106.82	91.70	81.03	71.60	63.62	57.48	52.10	47.73
240.0	122.09	106.13	92.16	80.42	71.29	63.69	57.25	52.34	47.65
270.0	121.32	104.59	91.01	79.73	70.45	62.69	56.79	51.49	46.81
300.0	119.48	103.14	90.24	78.89	69.98	62.62	56.33	51.26	46.73
330.0	116.79	100.68	87.10	76.74	67.76	60.62	54.56	49.34	44.89
360.0	115.34	99.76	86.56	76.58	67.91	60.70	54.56	49.80	45.28
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	41.67	38.45	35.38	32.77	30.31	27.78	25.55	23.56	21.18
30.0	43.28	39.98	37.14	34.38	32.00	29.54	26.93	24.48	21.72
60.0	43.05	39.60	36.68	33.92	31.62	29.24	27.01	24.56	22.10
90.0	43.74	40.29	37.14	34.30	31.85	29.47	27.09	24.79	22.25
120.0	43.20	39.75	36.68	34.07	31.46	28.93	26.55	24.17	21.79
150.0	42.28	38.68	35.68	32.84	30.23	28.01	25.63	23.40	20.95
180.0	42.21	38.68	35.84	33.00	30.46	27.93	25.63	23.48	21.26
210.0	43.59	40.36	37.14	34.46	31.85	29.24	26.86	24.25	21.64
240.0	43.66	40.13	37.06	34.07	31.62	29.31	26.93	24.56	22.10
270.0	42.82	39.37	36.07	33.38	30.93	28.39	25.86	23.17	20.49
300.0	43.05	39.67	36.60	33.76	31.23	28.62	26.55	24.25	21.87
330.0	40.90	37.68	34.53	32.15	29.85	27.47	25.17	22.87	20.26
360.0	41.67	38.45	35.38	32.77	30.31	27.78	25.55	23.56	21.18

ROLED 地埋灯

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	18.65	15.81	12.66	10.05	6.98	4.22	1.30	0.38	0.15
30.0	19.11	16.27	13.51	10.59	7.60	4.45	1.76	0.31	0.08
60.0	19.34	16.35	13.20	10.51	7.37	4.30	1.46	0.38	0.15
90.0	19.49	16.96	14.35	11.13	8.13	4.53	2.15	0.38	0.23
120.0	19.26	16.50	13.43	10.74	7.67	4.83	1.76	0.46	0.08
150.0	18.57	16.04	13.58	10.74	6.60	2.84	1.84	0.38	0.15
180.0	17.19	14.81	11.05	8.98	6.52	3.84	1.46	0.31	0.08
210.0	19.11	16.50	13.58	10.90	7.37	3.99	1.76	0.38	0.15
240.0	19.11	16.42	13.28	10.67	7.75	4.60	1.46	0.38	0.15
270.0	18.19	15.73	12.82	9.67	6.37	3.53	1.38	0.23	0.15
300.0	19.18	16.27	13.05	10.21	7.52	4.07	1.30	0.38	0.23
330.0	17.80	15.42	12.58	9.82	6.29	3.38	1.15	0.31	0.15
360.0	18.65	15.81	12.66	10.05	6.98	4.22	1.30	0.38	0.15

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	0.00
180.0	0.00
210.0	0.00
240.0	0.00
270.0	0.00
300.0	0.00
330.0	0.00
360.0	0.00