

浙大三色

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ROLED

灯具名称: 地埋灯

灯具描述: G1054A-18-12DC (45-OL-18WN-AJ, CT)

报告编号:

电压(V): 220.5000

测试编号: 20210318017

电流(A): 0.0980

光源规格型号: OL

功率(W): 20.3000

每个光源光通量(lm)

功率因数: 0.9360

光源数量: 18

镇流器型号:

发光面长度(mm): 160

发光面宽度(mm): 160

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 1832.87

灯具效能(lm/w): 90.29

中心光强(cd): 2431.047

最大光强(cd): 2434.117

最大光强角度: $C=30.0$ $\gamma=0.0$

半峰边角(50%Imax): [C0/180]Total=42.3

[C90/270]Total=42.6

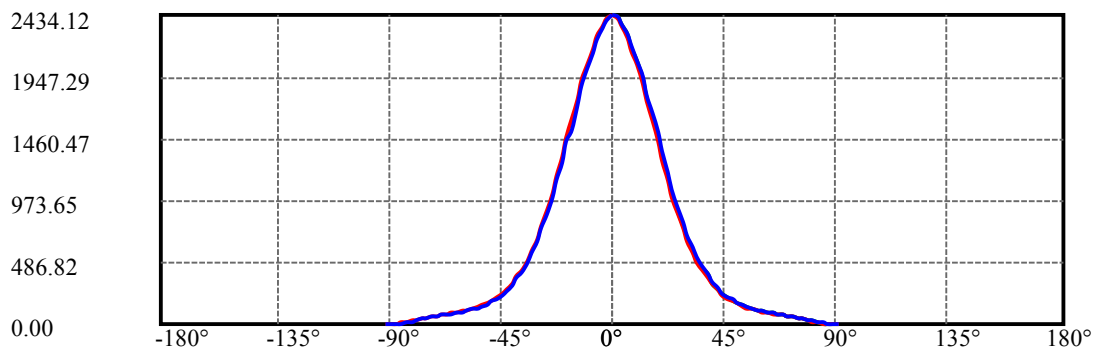
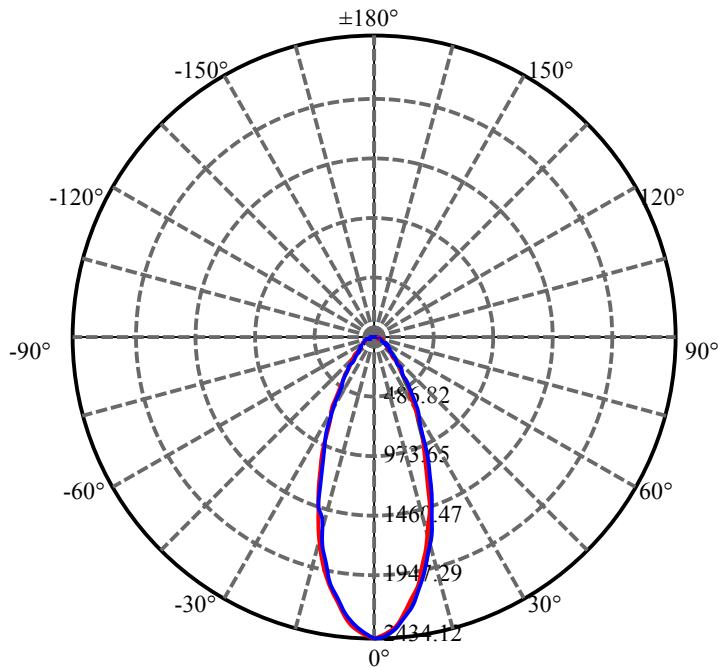
光束扩散角(10%Imax): [C0/180]Total=87.2

[C90/270]Total=87.5

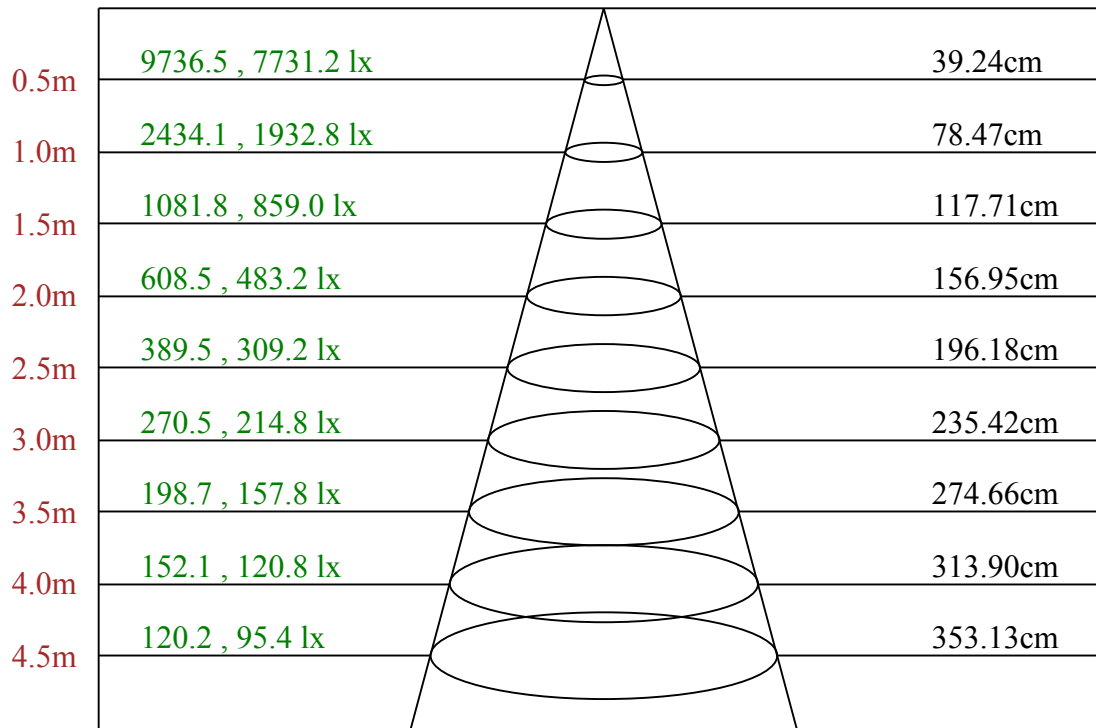
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/3/18
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

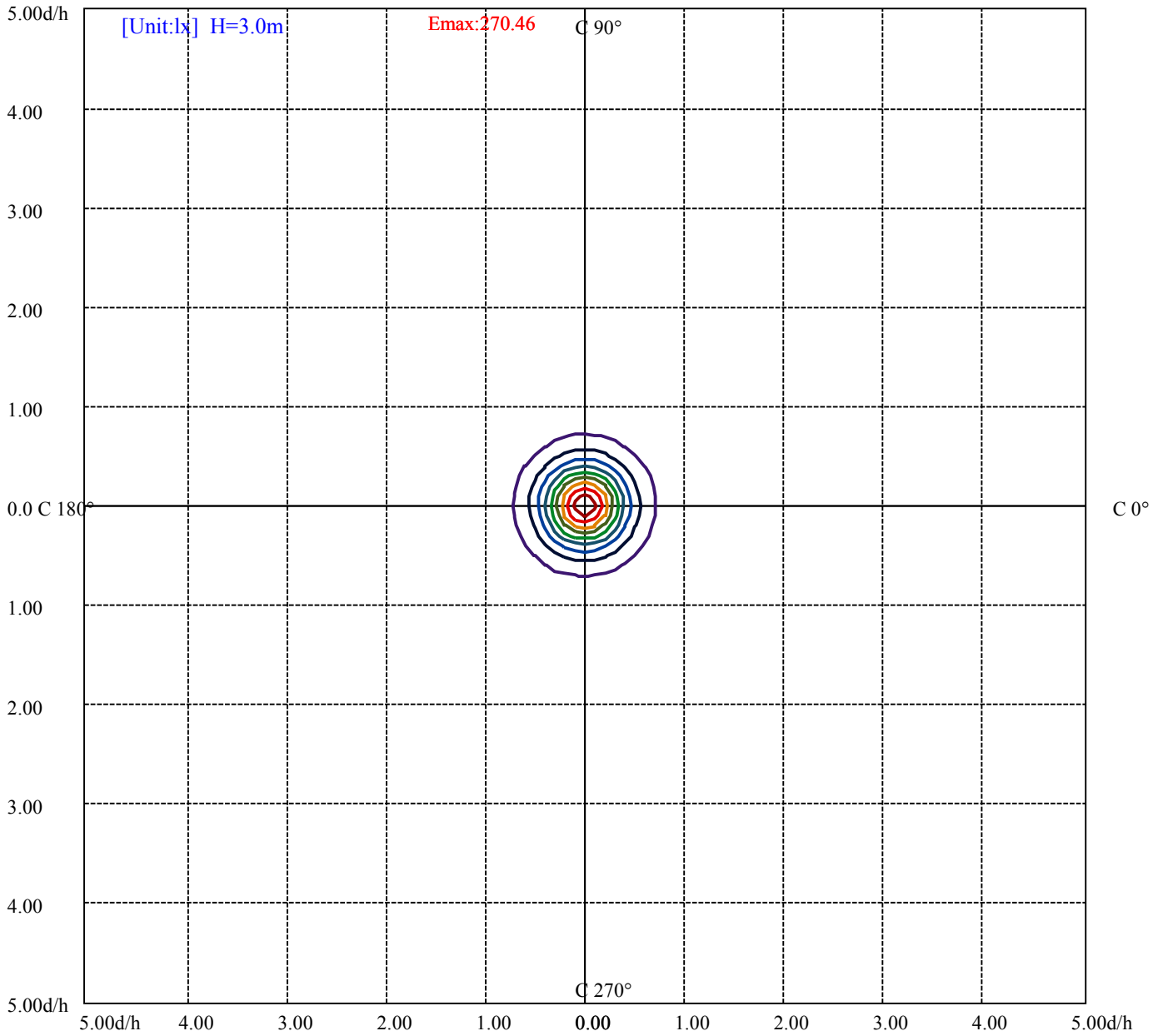


C30(Max): ——
C0/C180: ——
C90/C270: ——



Max , Ave C30面光束角42.85

ROLED 地埋灯
平面等照度曲线



(10%Emax) 27.04567	—
(20%Emax) 54.09145	—
(30%Emax) 81.13712	—
(40%Emax) 108.1829	—
(50%Emax) 135.2289	—
(60%Emax) 162.2744	—
(70%Emax) 189.32	—
(80%Emax) 216.3656	—
(90%Emax) 243.4111	—

ROLED 地埋灯

灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

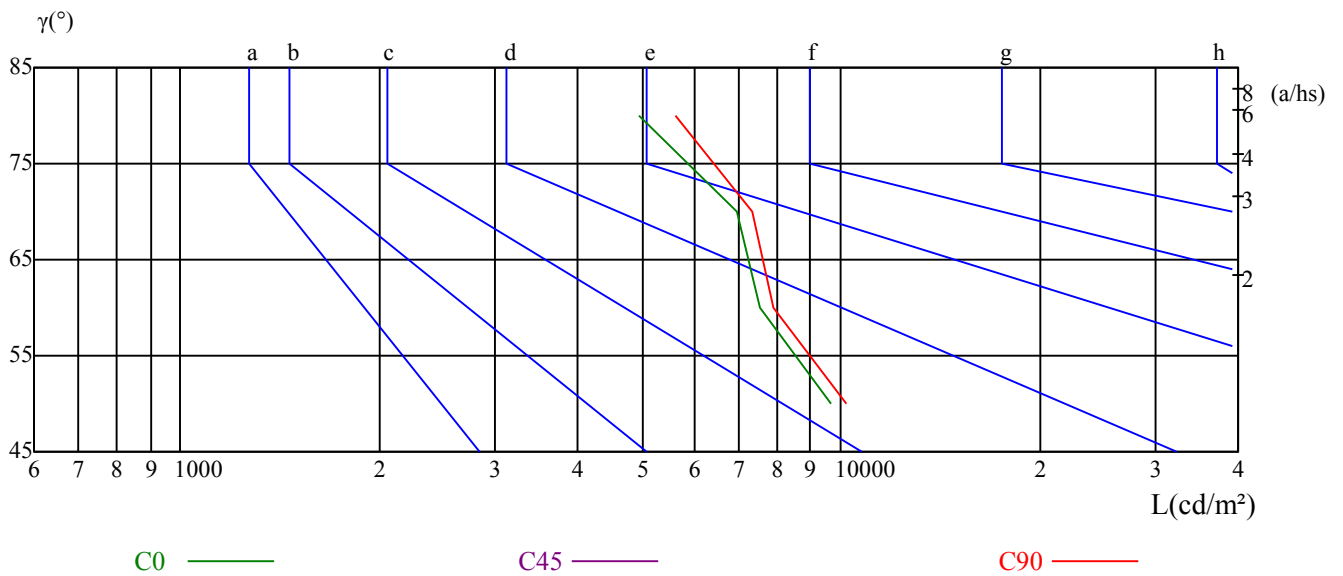
γ	45	50	55	60	65	70	75	80	85
C0	0	9695	0	7566	0	6959	0	4937	0
C45	0	0	0	0	0	0	0	0	0
C90	0	10208	0	7902	0	7362	0	5610	0

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	14.44	15.65	14.81	15.96	16.28	14.36	15.57	14.73	15.88	16.20
	3H	16.15	17.22	16.53	17.55	17.92	16.05	17.13	16.43	17.46	17.82
	4H	16.79	17.79	17.19	18.14	18.52	16.68	17.68	17.09	18.03	18.42
	6H	17.18	18.10	17.60	18.47	18.87	17.07	17.99	17.49	18.36	18.76
	8H	17.26	18.13	17.69	18.52	18.92	17.15	18.01	17.58	18.40	18.81
	12H	17.30	18.13	17.73	18.51	18.94	17.18	18.01	17.62	18.40	18.83
4H	2H	14.95	15.95	15.36	16.30	16.69	14.89	15.89	15.29	16.24	16.62
	3H	16.89	17.71	17.30	18.12	18.52	16.81	17.63	17.22	18.03	18.44
	4H	17.64	18.38	18.08	18.80	19.24	17.55	18.29	17.99	18.71	19.15
	6H	18.06	18.69	18.52	19.14	19.61	17.96	18.60	18.43	19.05	19.51
	8H	18.16	18.75	18.63	19.20	19.67	18.07	18.66	18.54	19.10	19.58
	12H	18.20	18.72	18.69	19.21	19.68	18.10	18.62	18.59	19.11	19.58
8H	4H	17.87	18.46	18.34	18.91	19.38	17.79	18.38	18.27	18.83	19.30
	6H	18.39	18.87	18.90	19.37	19.85	18.31	18.79	18.81	19.28	19.77
	8H	18.54	18.97	19.07	19.48	19.98	18.45	18.88	18.98	19.40	19.89
	12H	19.10	19.47	19.62	19.96	20.54	19.01	19.38	19.52	19.87	20.45
12H	4H	17.87	18.38	18.35	18.87	19.34	17.79	18.31	18.28	18.79	19.27
	6H	18.90	18.84	18.94	19.30	19.85	18.82	18.75	18.86	19.22	19.77
	8H	18.59	18.96	19.11	19.45	20.03	18.50	18.87	19.02	19.37	19.94
对应照射距离，改变观察者位置S											
S = 1.0H	0.6/-0.8					0.6/-0.8					
S = 1.5H	1.2/-1.1					1.2/-1.1					
S = 2.0H	2.7/-1.2					2.6/-1.2					
标准表格	BK3					BK3					
更正系数	2.8					2.5					

ROLED 地埋灯

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	2431.05	2403.42	2344.33	2255.32	2152.49	2035.08	1893.88	1758.06	1596.14
30.0	2434.12	2416.47	2359.68	2282.18	2182.42	2067.31	1934.55	1786.45	1635.28
60.0	2434.12	2409.56	2350.47	2262.99	2163.23	2043.52	1910.77	1766.50	1623.77
90.0	2433.35	2423.37	2365.05	2288.32	2188.56	2078.05	1947.60	1804.10	1659.83
120.0	2431.81	2414.16	2355.84	2281.41	2180.12	2063.47	1937.62	1791.82	1646.02
150.0	2429.51	2421.84	2365.05	2281.41	2181.65	2068.85	1939.93	1798.73	1656.76
180.0	2431.05	2408.79	2350.47	2272.97	2167.84	2045.82	1916.91	1766.50	1612.26
210.0	2434.12	2406.49	2346.64	2263.76	2161.70	2043.52	1906.16	1759.59	1602.28
240.0	2434.12	2406.49	2339.73	2256.09	2154.79	2036.62	1904.63	1765.73	1614.56
270.0	2433.35	2393.45	2326.68	2239.20	2131.77	2012.06	1868.56	1728.90	1528.08
300.0	2431.81	2398.05	2335.13	2249.18	2152.49	2030.48	1891.58	1745.78	1598.44
330.0	2429.51	2390.38	2315.17	2229.99	2123.33	2003.62	1862.42	1725.06	1527.69
360.0	2431.05	2403.42	2344.33	2255.32	2152.49	2035.08	1893.88	1758.06	1596.14
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	1443.43	1291.49	1138.02	1000.66	874.04	762.77	652.27	566.32	486.52
30.0	1474.90	1316.82	1162.57	1026.75	895.53	775.82	675.29	580.90	502.63
60.0	1480.27	1324.11	1178.61	1036.34	902.20	783.80	685.88	590.11	509.00
90.0	1507.13	1359.79	1199.41	1062.82	927.76	804.98	699.85	603.16	521.82
120.0	1489.86	1341.30	1187.44	1049.77	915.25	794.69	690.79	594.26	510.61
150.0	1504.82	1357.49	1197.11	1058.21	922.39	804.98	696.78	600.09	517.98
180.0	1465.07	1312.06	1161.27	1025.44	893.30	775.13	670.30	582.05	500.48
210.0	1462.70	1306.07	1156.44	1014.85	885.48	764.92	666.62	573.84	491.12
240.0	1458.78	1313.75	1161.81	1016.77	895.53	777.35	677.59	584.74	501.86
270.0	1431.00	1276.68	1134.72	994.75	866.83	748.58	646.90	560.95	479.92
300.0	1437.30	1284.59	1141.86	996.05	869.44	752.03	651.50	561.72	481.14
330.0	1430.16	1275.38	1120.14	981.17	857.31	738.98	638.69	554.28	473.24
360.0	1443.43	1291.49	1138.02	1000.66	874.04	762.77	652.27	566.32	486.52
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	418.99	361.97	313.17	269.35	234.13	203.66	178.95	159.54	142.04
30.0	431.27	389.83	318.38	276.33	239.19	208.11	183.63	162.61	144.96
60.0	435.03	375.32	322.60	280.94	243.33	211.87	186.86	165.06	147.18
90.0	448.15	389.06	330.59	286.15	247.56	215.17	190.08	167.98	149.95
120.0	438.48	379.70	325.83	281.09	244.49	212.79	187.01	165.45	148.72
150.0	445.85	387.52	329.51	286.77	248.25	216.71	189.62	167.29	148.64
180.0	430.50	371.18	318.46	274.87	238.12	209.42	184.09	163.60	145.95
210.0	426.43	366.27	313.32	271.96	236.12	205.43	181.33	162.22	144.80
240.0	430.50	387.52	321.84	277.18	243.03	211.26	185.40	164.53	147.18
270.0	415.15	356.68	305.03	263.59	230.37	200.44	176.73	157.62	140.66
300.0	415.15	358.59	307.03	264.44	231.59	201.67	178.41	158.54	141.43
330.0	409.32	351.77	301.35	260.68	228.14	198.29	174.50	155.24	138.05
360.0	418.99	361.97	313.17	269.35	234.13	203.66	178.95	159.54	142.04
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	128.46	116.64	105.90	96.84	89.09	81.50	74.36	68.14	60.93
30.0	130.38	118.94	108.43	99.61	91.70	84.41	77.89	70.98	63.92
60.0	132.37	120.55	109.58	100.53	92.32	84.72	77.43	69.98	62.92
90.0	134.67	121.94	110.81	101.14	93.39	85.79	78.73	71.67	64.46
120.0	133.75	121.25	110.27	100.60	92.09	84.72	77.58	70.45	63.54
150.0	134.29	121.17	109.73	99.76	91.16	83.26	76.58	69.68	62.69
180.0	131.37	118.79	108.58	99.07	90.86	83.41	76.20	69.29	62.77
210.0	131.07	119.02	108.35	99.53	92.16	84.72	77.81	70.98	63.92
240.0	132.14	120.55	109.58	100.30	92.32	84.80	77.97	71.06	64.08
270.0	127.69	115.95	105.59	96.92	89.40	82.03	75.36	68.91	61.77
300.0	127.23	116.10	105.44	96.38	88.94	81.42	74.74	67.68	61.01
330.0	125.16	112.34	102.44	93.54	85.87	78.58	71.67	65.23	58.09
360.0	128.46	116.64	105.90	96.84	89.09	81.50	74.36	68.14	60.93

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	53.64	46.04	37.91	29.77	21.95	13.66	6.14	1.00	0.46
30.0	56.40	48.81	40.13	31.54	23.94	14.73	6.98	1.00	0.54
60.0	55.25	47.58	39.06	30.39	22.41	14.20	6.83	0.92	0.38
90.0	57.09	49.80	41.05	32.46	24.94	16.04	8.75	1.92	0.46
120.0	56.25	48.42	39.98	32.15	24.33	15.58	8.13	1.76	0.54
150.0	55.63	48.42	40.29	32.46	24.86	16.73	9.29	2.23	0.54
180.0	55.56	47.81	39.37	31.54	23.87	15.58	8.06	1.76	0.61
210.0	57.02	48.65	40.59	32.08	23.64	15.27	7.75	1.07	0.54
240.0	56.33	48.50	39.90	31.77	24.17	15.50	7.37	1.30	0.46
270.0	54.64	46.66	38.29	30.23	21.87	13.66	6.29	0.92	0.54
300.0	53.72	46.12	37.91	30.00	22.71	14.04	6.52	1.00	0.46
330.0	51.03	43.28	35.45	27.78	20.03	12.20	5.29	0.84	0.54
360.0	53.64	46.04	37.91	29.77	21.95	13.66	6.14	1.00	0.46

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