

浙大三色

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ROLED

灯具名称: 地埋灯

灯具描述: G2013A-24-UN(30-OL-24WN-AA, P1)

报告编号:

电压(V): 220.5000

测试编号: 20210318003

电流(A): 0.1540

光源规格型号: OL

功率(W): 31.2000

每个光源光通量(lm)

功率因数: 0.9160

光源数量: 24

镇流器型号:

发光面长度(mm): 190

发光面宽度(mm): 190

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 2575.22

灯具效能(lm/w): 82.54

中心光强(cd): 7023.025

最大光强(cd): 7040.675

最大光强角度: C=90.0 $\gamma=2.0$

半峰边角(50%Imax): [C0/180]Total=28.9

[C90/270]Total=29.2

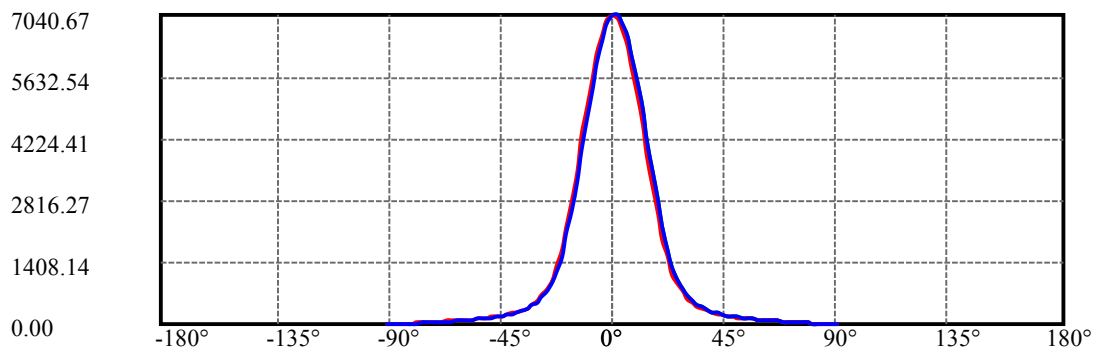
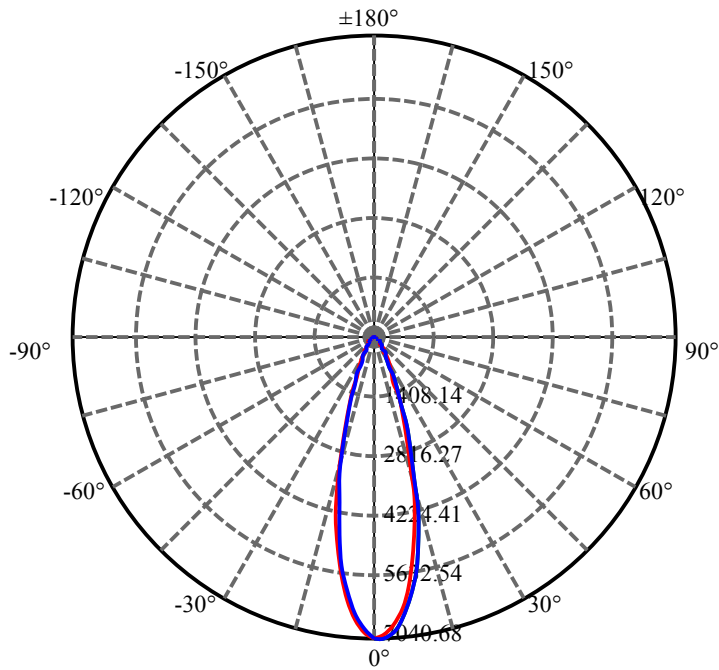
光束扩散角(10%Imax): [C0/180]Total=55.6

[C90/270]Total=55.9

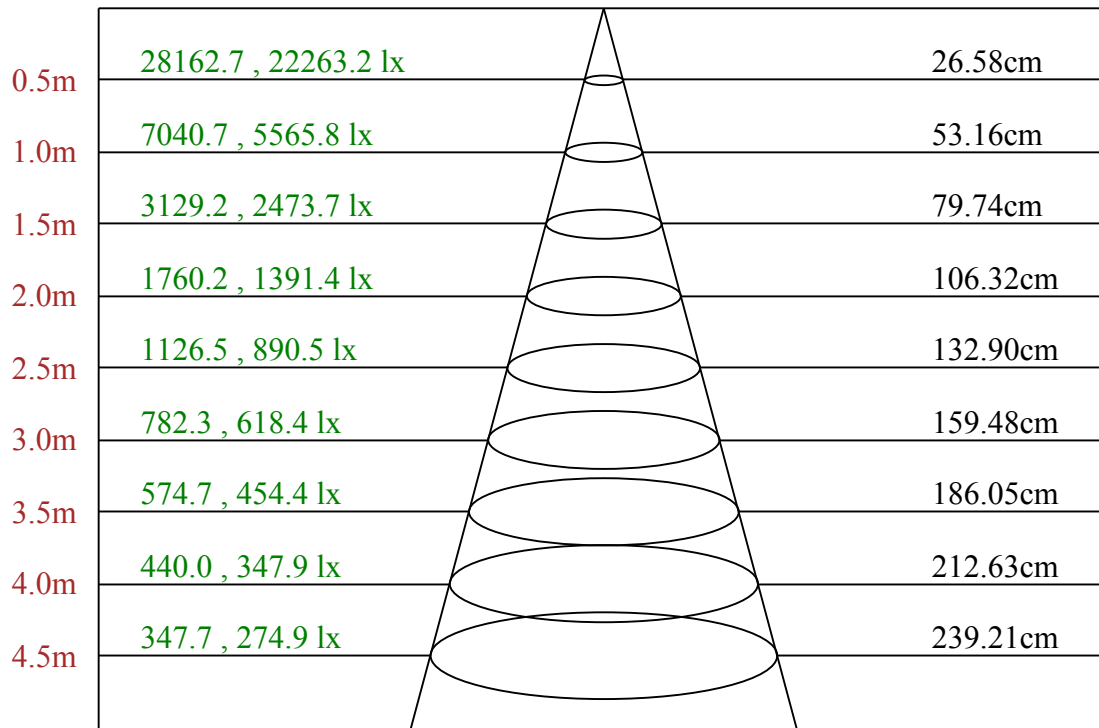
测试设备: GMS1800
环境温度(°C): 25.0

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

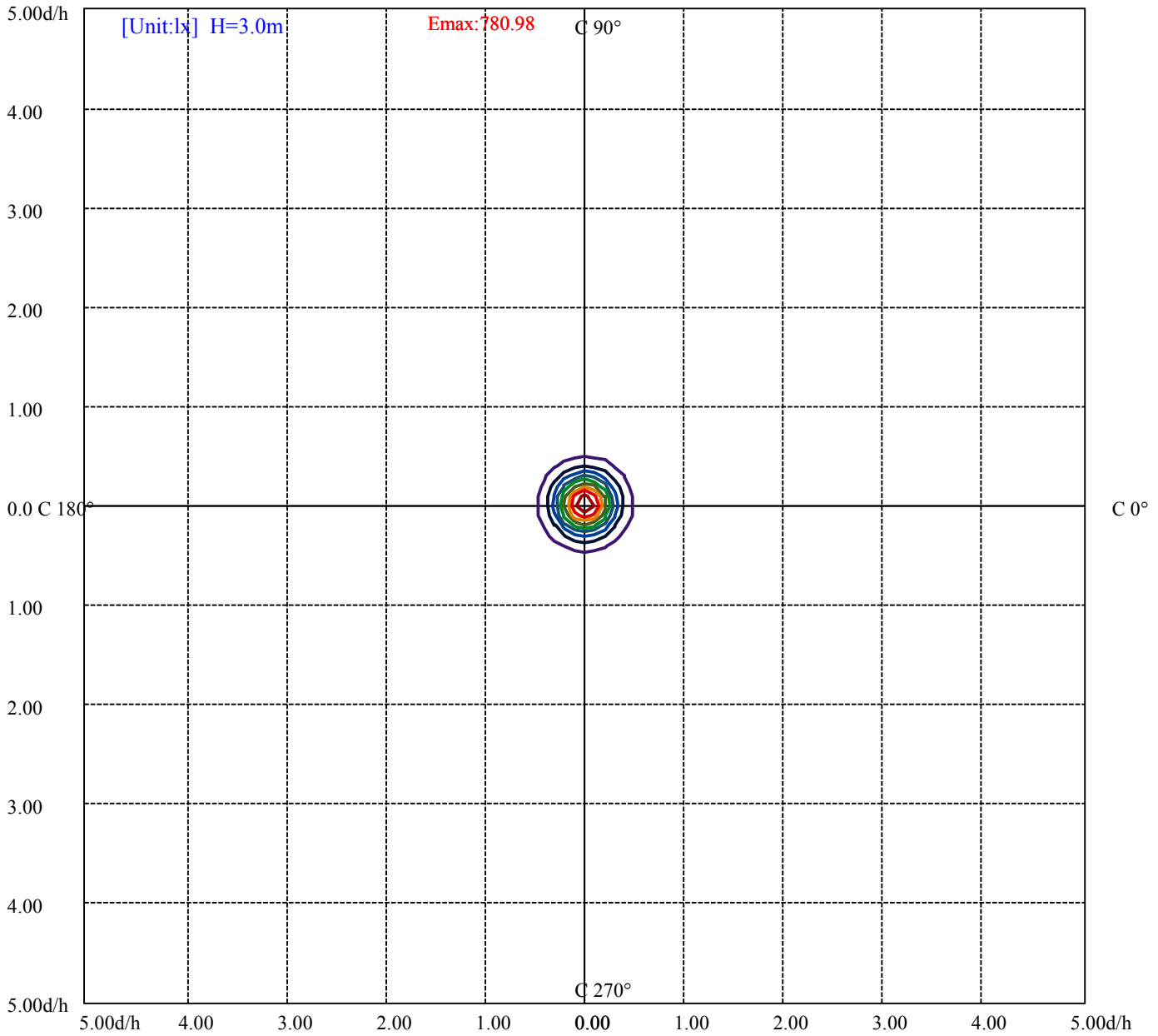


C90(Max): ————
C0/C180: ————
C90/C270: ————



Max , Ave C90面光束角29.75

ROLED 地埋灯
平面等照度曲线



- (10%Emax) 78.09756
- (20%Emax) 156.1956
- (30%Emax) 234.2922
- (40%Emax) 312.39
- (50%Emax) 390.4878
- (60%Emax) 468.5856
- (70%Emax) 546.6833
- (80%Emax) 624.78
- (90%Emax) 702.8777

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ROLED 地埋灯

灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

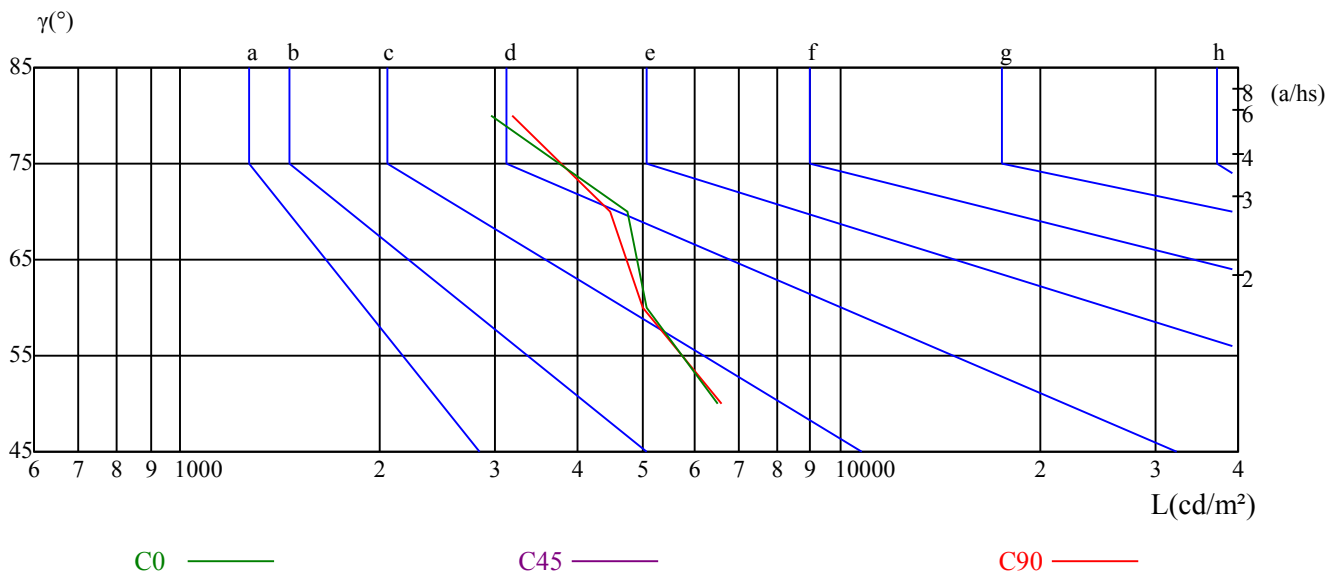
γ	45	50	55	60	65	70	75	80	85
C0	0	6492	0	5068	0	4767	0	2950	0
C45	0	0	0	0	0	0	0	0	0
C90	0	6614	0	5025	0	4481	0	3171	0

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	10.55	11.64	10.91	11.95	12.26	10.71	11.80	11.08	12.11	12.43
	3H	12.02	12.99	12.41	13.32	13.69	12.27	13.24	12.66	13.57	13.94
	4H	12.53	13.43	12.94	13.78	14.17	12.80	13.70	13.21	14.05	14.44
	6H	12.77	13.59	13.19	13.97	14.36	13.07	13.89	13.49	14.26	14.66
	8H	12.80	13.57	13.23	13.96	14.37	13.10	13.87	13.53	14.26	14.67
	12H	12.79	13.53	13.22	13.91	14.34	13.09	13.83	13.52	14.21	14.64
4H	2H	11.06	11.96	11.47	12.31	12.70	11.19	12.09	11.60	12.44	12.83
	3H	12.80	13.53	13.21	13.94	14.34	12.97	13.71	13.39	14.11	14.52
	4H	13.42	14.07	13.85	14.49	14.94	13.60	14.26	14.04	14.68	15.13
	6H	13.68	14.25	14.15	14.69	15.17	13.89	14.46	14.36	14.90	15.38
	8H	13.72	14.24	14.19	14.69	15.16	13.93	14.46	14.41	14.90	15.38
	12H	13.71	14.16	14.20	14.65	15.13	13.92	14.38	14.41	14.86	15.34
8H	4H	13.62	14.14	14.09	14.59	15.06	13.79	14.31	14.26	14.76	15.23
	6H	13.97	14.38	14.47	14.88	15.37	14.15	14.56	14.66	15.07	15.55
	8H	14.03	14.40	14.56	14.92	15.42	14.22	14.59	14.75	15.11	15.60
	12H	14.59	14.91	15.11	15.41	15.98	14.77	15.09	15.29	15.59	16.17
12H	4H	13.59	14.05	14.08	14.53	15.01	13.76	14.21	14.25	14.70	15.18
	6H	14.32	14.33	14.49	14.80	15.35	14.50	14.51	14.67	14.98	15.53
	8H	14.05	14.37	14.57	14.87	15.45	14.23	14.55	14.75	15.05	15.63
对应照射距离，改变观察者位置S											
S = 1.0H	0.6/-0.7					0.5/-0.7					
S = 1.5H	1.0/-1.1					1.1/-1.1					
S = 2.0H	2.5/-1.4					2.4/-1.3					
标准表格	BK3					BK3					
更正系数	-0.2					-0.2					

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	7023.03	6970.08	6741.40	6359.24	5878.87	5248.08	4533.66	3826.90	3150.08
30.0	7023.79	7013.82	6828.11	6498.14	6023.13	5445.30	4768.47	4052.51	3371.85
60.0	7033.77	7019.19	6831.95	6521.93	6048.46	5450.67	4813.75	4081.67	3360.34
90.0	7022.26	7040.67	6883.36	6571.04	6120.59	5562.71	4897.39	4176.83	3480.05
120.0	7032.23	7001.54	6806.63	6462.84	5963.28	5345.54	4691.74	3945.08	3215.31
150.0	7024.56	6986.19	6765.19	6400.68	5918.77	5282.62	4591.21	3859.90	3170.80
180.0	7023.03	6904.08	6611.71	6184.28	5628.70	4948.81	4265.08	3518.42	2816.27
210.0	7023.79	6864.95	6533.44	6089.90	5491.34	4826.80	4065.56	3385.66	2700.40
240.0	7033.77	6868.02	6555.69	6072.25	5507.46	4816.82	4067.86	3355.74	2703.47
270.0	7022.26	6825.81	6462.84	5960.21	5368.56	4696.34	3937.41	3263.65	2586.06
300.0	7032.23	6882.60	6586.39	6121.36	5540.45	4852.89	4150.74	3442.45	2790.18
330.0	7024.56	6891.80	6590.23	6173.54	5601.84	4925.02	4217.50	3542.21	2841.59
360.0	7023.03	6970.08	6741.40	6359.24	5878.87	5248.08	4533.66	3826.90	3150.08
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	2487.07	1943.00	1510.96	1157.20	909.34	722.10	590.11	487.28	411.31
30.0	2707.30	2142.51	1624.53	1266.94	984.54	781.19	639.22	524.89	442.01
60.0	2686.58	2117.96	1517.64	1281.75	994.06	786.64	640.91	518.36	435.49
90.0	2795.55	2213.11	1675.18	1303.00	1007.56	802.68	647.67	530.26	444.31
120.0	2581.45	1992.11	1512.42	1177.69	925.69	733.46	599.63	491.58	410.24
150.0	2513.92	1969.09	1502.52	1154.90	898.60	722.87	586.28	484.21	409.78
180.0	2201.60	1705.11	1310.14	1011.32	802.91	642.83	529.80	434.49	369.57
210.0	2142.51	1522.63	1264.71	993.68	786.10	629.48	516.75	434.57	366.42
240.0	2093.40	1616.09	1252.36	962.29	762.77	611.60	502.63	419.75	354.83
270.0	2040.45	1509.51	1199.41	944.33	749.96	602.16	495.88	417.76	352.84
300.0	2170.91	1679.79	1303.00	999.89	790.40	632.32	518.75	431.27	388.29
330.0	2262.99	1748.85	1339.92	1038.41	828.38	662.02	542.77	455.97	384.07
360.0	2487.07	1943.00	1510.96	1157.20	909.34	722.10	590.11	487.28	411.31
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	350.61	303.57	264.28	233.59	207.11	184.25	166.21	150.64	137.59
30.0	387.52	325.44	283.32	249.93	220.47	195.83	176.42	159.38	145.34
60.0	368.95	319.15	276.95	242.72	215.33	191.46	171.89	155.55	142.35
90.0	387.52	323.07	279.79	246.17	216.32	192.30	171.36	153.48	138.20
120.0	348.39	301.96	262.90	231.13	205.73	183.94	166.60	150.79	138.59
150.0	349.77	302.27	265.74	234.20	207.73	186.78	168.36	153.01	139.82
180.0	316.70	276.79	243.03	215.25	193.23	173.73	157.39	143.35	131.60
210.0	317.77	276.87	242.34	214.71	192.76	172.97	157.08	144.19	131.76
240.0	306.41	267.12	235.66	207.04	186.32	167.75	153.17	140.43	129.00
270.0	306.18	266.66	232.90	205.81	184.09	164.30	148.18	134.90	121.94
300.0	315.24	274.57	240.50	213.64	190.77	171.20	156.01	142.81	130.68
330.0	332.96	289.99	253.54	224.15	199.44	179.34	162.15	148.41	135.06
360.0	350.61	303.57	264.28	233.59	207.11	184.25	166.21	150.64	137.59
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	124.24	112.96	101.37	91.47	83.64	75.28	68.53	63.77	58.86
30.0	131.76	121.17	110.81	101.37	91.70	82.65	74.97	67.45	60.55
60.0	130.38	120.25	110.58	101.29	92.16	83.57	75.36	67.53	60.55
90.0	125.47	112.96	101.22	90.70	81.57	73.13	65.76	59.70	55.33
120.0	127.31	117.72	108.51	99.53	91.16	81.88	74.36	66.68	59.70
150.0	128.54	118.10	108.66	99.84	90.86	82.42	74.13	66.53	58.70
180.0	120.09	109.12	99.14	89.71	81.03	73.05	66.38	61.24	56.48
210.0	121.55	111.96	102.52	93.62	84.87	76.66	69.06	61.77	55.25
240.0	119.33	110.43	101.45	92.70	84.64	76.20	68.83	61.47	55.79
270.0	110.35	99.68	89.09	80.19	71.75	64.46	58.86	54.48	49.42
300.0	120.40	111.65	102.60	93.85	85.56	76.97	69.14	61.62	56.40
330.0	123.93	113.73	104.44	95.23	85.95	77.97	70.29	62.92	56.79
360.0	124.24	112.96	101.37	91.47	83.64	75.28	68.53	63.77	58.86

ROLED 地理灯

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	52.26	41.98	34.07	27.55	18.49	8.82	2.53	1.69	0.46
30.0	54.94	48.34	35.99	26.01	20.72	12.74	4.76	1.69	0.77
60.0	55.10	48.57	37.14	27.01	21.33	13.05	4.99	1.61	0.77
90.0	50.19	42.74	33.30	27.40	19.88	13.35	5.06	1.76	1.00
120.0	54.33	47.96	37.29	26.47	20.41	12.58	4.76	1.53	0.84
150.0	53.10	46.35	35.45	25.40	19.88	12.43	4.68	1.53	0.77
180.0	49.65	39.37	32.00	25.63	16.73	7.83	2.23	1.38	0.38
210.0	49.27	40.13	28.78	22.25	14.81	7.21	1.92	1.07	0.46
240.0	50.03	41.44	29.31	22.56	15.04	6.45	1.76	1.07	0.31
270.0	40.98	32.15	26.86	18.65	11.66	3.68	1.92	1.00	0.38
300.0	50.34	42.13	29.39	22.71	14.58	6.29	1.84	1.00	0.38
330.0	50.49	40.98	28.55	22.41	14.89	7.06	2.07	1.15	0.38
360.0	52.26	41.98	34.07	27.55	18.49	8.82	2.53	1.69	0.46

C/γ(°)	90.0
0.0	0.08
30.0	0.31
60.0	0.38
90.0	0.38
120.0	0.38
150.0	0.31
180.0	0.23
210.0	0.08
240.0	0.08
270.0	0.00
300.0	0.08
330.0	0.15
360.0	0.08