

浙大三色

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ROLED

灯具名称: 地埋灯

灯具描述: G1034A-18-UN(45-OL-18WN-AA, P1)

报告编号:

电压(V): 220.3000

测试编号: 20210323011

电流(A): 0.0980

光源规格型号: OL

功率(W): 20.4000

每个光源光通量(lm)

功率因数: 0.9390

光源数量: 18

镇流器型号:

发光面长度(mm): 162

发光面宽度(mm): 162

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 1867.58

灯具效能(lm/w): 91.55

中心光强(cd): 2504.715

最大光强(cd): 2513.156

最大光强角度: C=30.0 γ =0.0

半峰边角(50%Imax): [C0/180]Total=42.6

[C90/270]Total=42.8

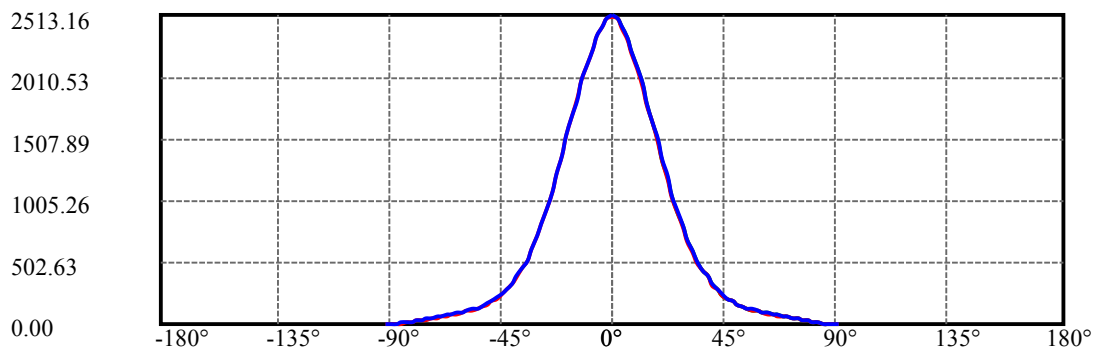
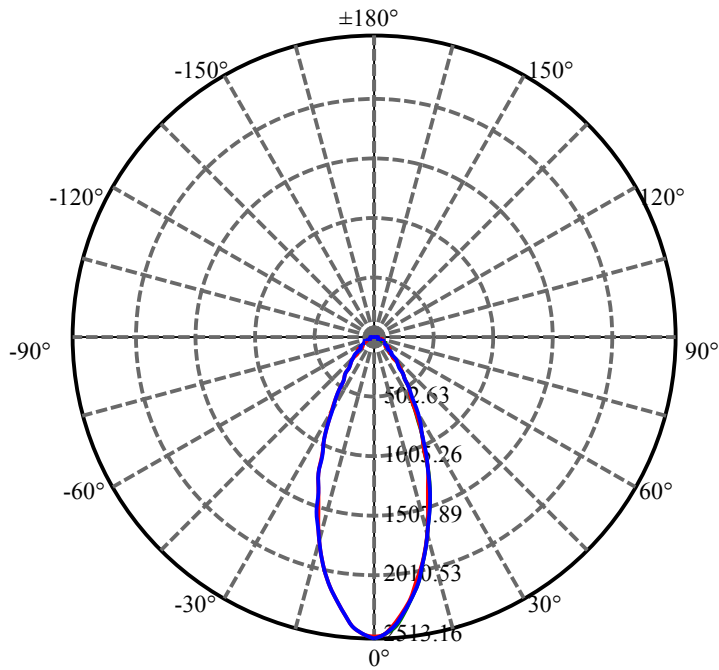
光束扩散角(10%Imax): [C0/180]Total=87.1

[C90/270]Total=87.4

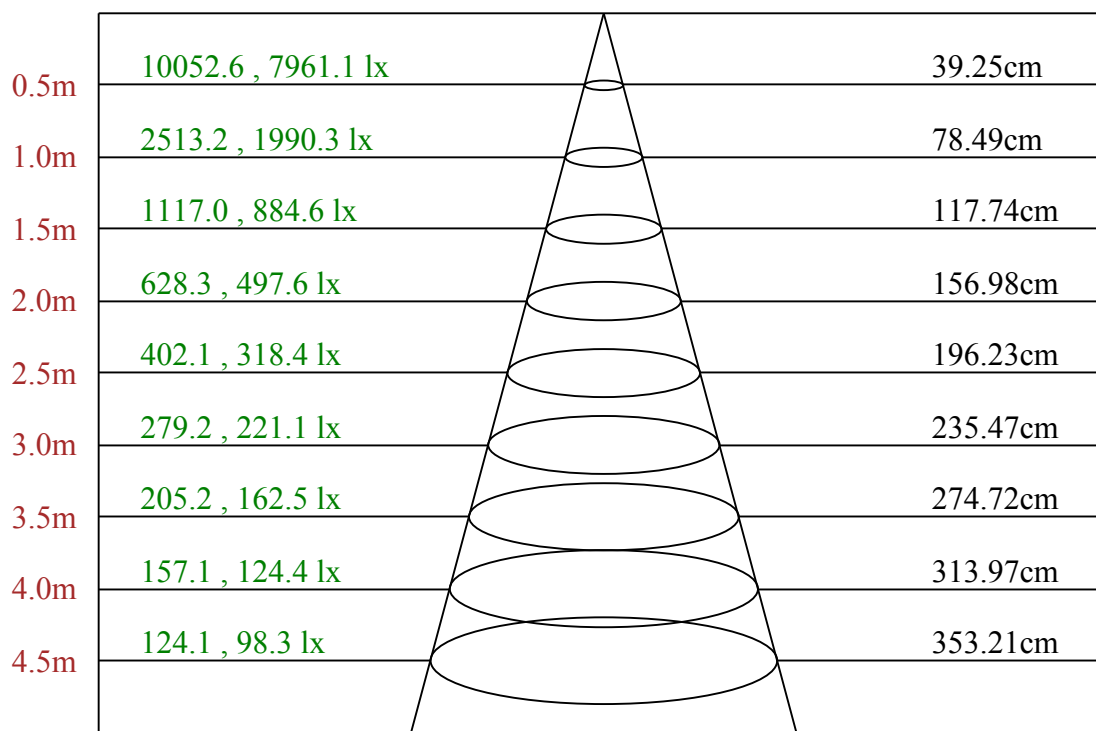
测试设备: GMS1800
环境温度(°C): 25.0

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

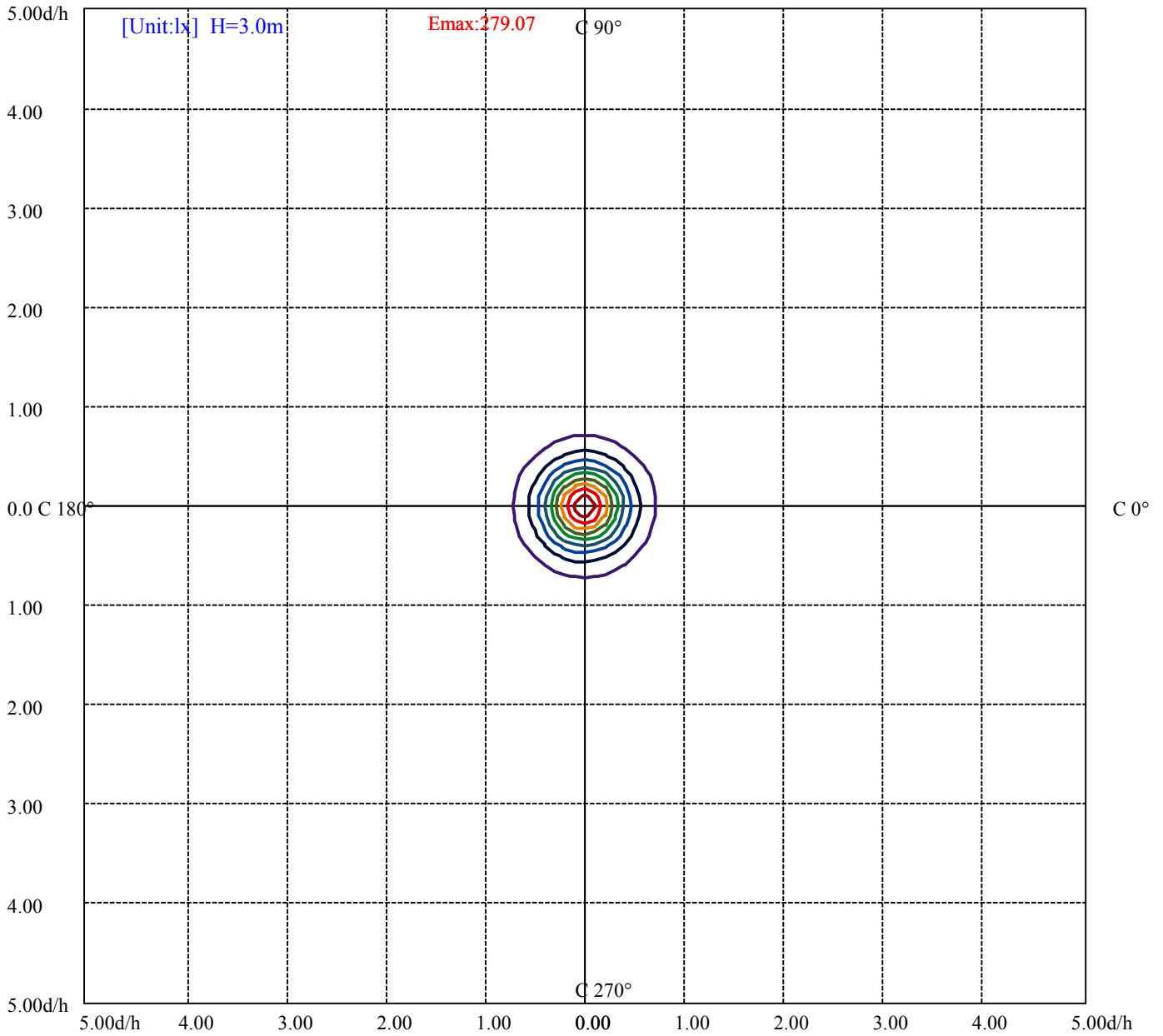


C30(Max): ——
C0/C180: ——
C90/C270: ——



Max , Ave C30面光束角42.85

ROLED 地埋灯
平面等照度曲线



(10%E _{max}) 27.90689	—
(20%E _{max}) 55.81378	—
(30%E _{max}) 83.72067	—
(40%E _{max}) 111.6278	—
(50%E _{max}) 139.5345	—
(60%E _{max}) 167.4411	—
(70%E _{max}) 195.3478	—
(80%E _{max}) 223.2556	—
(90%E _{max}) 251.1622	—

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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

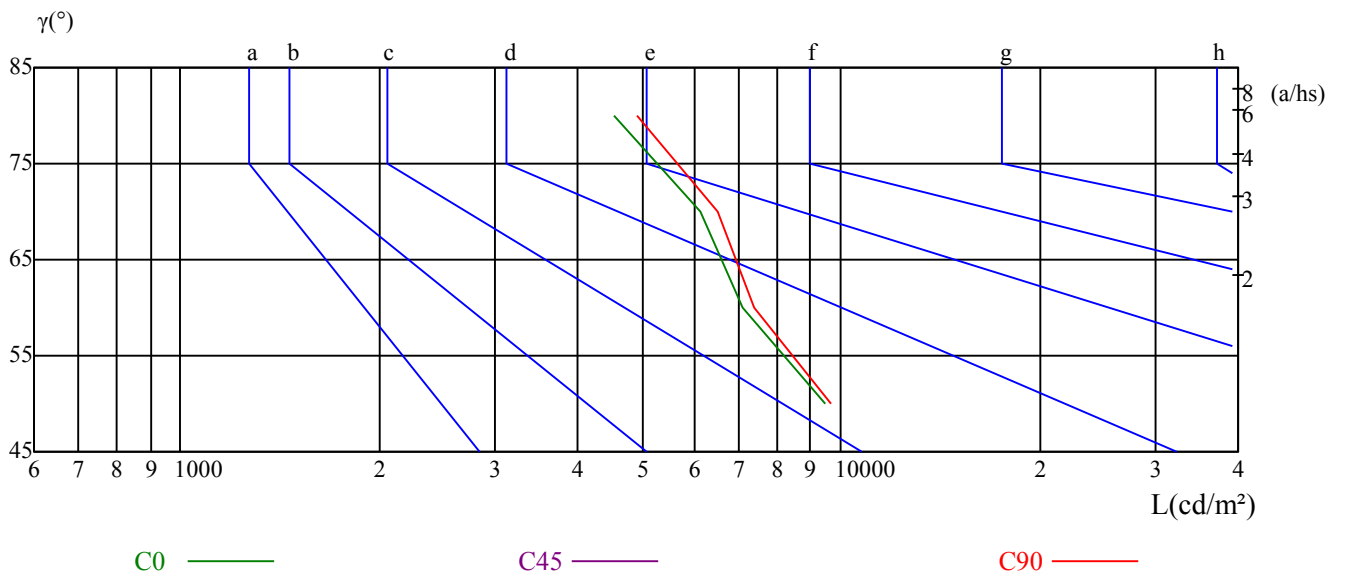
γ	45	50	55	60	65	70	75	80	85
C0	0	9466	0	7117	0	6147	0	4546	0
C45	0	0	0	0	0	0	0	0	0
C90	0	9644	0	7380	0	6523	0	4900	0

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	14.11	15.30	14.47	15.61	15.93	13.97	15.16	14.33	15.48	15.79
	3H	15.70	16.76	16.08	17.09	17.46	15.43	16.49	15.81	16.82	17.18
	4H	16.28	17.26	16.68	17.62	18.00	15.94	16.93	16.35	17.28	17.67
	6H	16.65	17.56	17.07	17.93	18.32	16.28	17.19	16.70	17.56	17.95
	8H	16.73	17.58	17.16	17.98	18.38	16.35	17.20	16.78	17.60	18.00
	12H	16.77	17.59	17.21	17.97	18.40	16.38	17.20	16.82	17.58	18.01
4H	2H	14.58	15.57	14.99	15.92	16.31	14.47	15.46	14.88	15.81	16.20
	3H	16.40	17.21	16.82	17.62	18.02	16.15	16.96	16.56	17.37	17.77
	4H	17.09	17.82	17.53	18.24	18.68	16.78	17.50	17.21	17.92	18.37
	6H	17.49	18.11	17.96	18.56	19.03	17.14	17.77	17.61	18.21	18.68
	8H	17.60	18.18	18.07	18.63	19.10	17.24	17.82	17.71	18.27	18.74
	12H	17.64	18.15	18.13	18.63	19.11	17.27	17.78	17.76	18.26	18.74
8H	4H	17.29	17.87	17.76	18.31	18.79	17.00	17.58	17.48	18.03	18.51
	6H	17.80	18.27	18.30	18.76	19.25	17.48	17.95	17.99	18.45	18.93
	8H	17.95	18.37	18.48	18.88	19.38	17.62	18.04	18.15	18.56	19.05
	12H	18.53	18.89	19.04	19.39	19.96	18.20	18.57	18.72	19.06	19.64
12H	4H	17.28	17.79	17.77	18.27	18.75	17.00	17.51	17.49	18.00	18.47
	6H	18.28	18.23	18.34	18.70	19.24	17.98	17.92	18.04	18.39	18.94
	8H	18.00	18.36	18.51	18.85	19.43	17.68	18.04	18.20	18.54	19.11
对应照射距离，改变观察者位置S											
S = 1.0H	0.7/-0.9					0.7/-0.9					
S = 1.5H	1.4/-1.2					1.4/-1.2					
S = 2.0H	2.9/-1.3					3.0/-1.4					
标准表格	BK3					BK3					
更正系数	2.2					2.1					

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光强数据表(cd)

附页 第7页 共8页

C/γ(°)	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0
0.0	2504.72	2474.79	2401.12	2302.90	2198.53	2071.15	1925.35	1778.01	1631.44
30.0	2513.16	2485.53	2418.00	2328.99	2216.95	2084.96	1950.67	1791.06	1641.42
60.0	2510.09	2475.55	2404.19	2312.87	2206.21	2076.52	1939.16	1781.85	1620.70
90.0	2507.78	2480.93	2414.16	2321.31	2209.28	2088.03	1949.90	1801.80	1646.79
120.0	2505.48	2474.79	2403.42	2312.10	2204.67	2076.52	1943.76	1790.29	1634.51
150.0	2504.72	2487.07	2428.75	2337.43	2245.34	2128.70	1992.11	1847.07	1685.93
180.0	2504.72	2485.53	2424.14	2337.43	2237.67	2114.89	1986.74	1837.87	1682.09
210.0	2513.16	2497.81	2437.95	2352.77	2252.25	2126.40	1988.27	1847.07	1688.99
240.0	2510.09	2501.65	2451.77	2374.26	2282.94	2164.77	2026.64	1881.61	1730.43
270.0	2507.78	2489.37	2420.30	2337.43	2233.06	2108.75	1979.06	1834.03	1685.16
300.0	2505.48	2481.69	2421.84	2335.13	2236.13	2111.82	1968.32	1826.35	1669.81
330.0	2504.72	2469.42	2394.98	2309.80	2198.53	2065.78	1920.74	1774.94	1613.79
360.0	2504.72	2474.79	2401.12	2302.90	2198.53	2071.15	1925.35	1778.01	1631.44
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	1471.06	1326.79	1176.39	1029.05	900.90	779.65	678.36	583.97	504.93
30.0	1484.11	1334.47	1181.76	1039.03	912.41	791.16	684.50	587.81	508.00
60.0	1467.30	1319.58	1165.80	1022.68	895.07	775.66	675.21	574.99	497.41
90.0	1499.45	1342.91	1195.57	1051.31	917.01	802.68	690.64	597.79	510.31
120.0	1485.33	1329.48	1175.85	1031.97	907.35	786.18	682.04	581.82	502.32
150.0	1524.01	1369.77	1212.45	1065.12	928.52	809.58	699.08	604.69	517.98
180.0	1524.55	1378.36	1221.82	1074.79	940.27	814.95	711.51	603.92	522.43
210.0	1522.78	1388.34	1227.49	1079.08	950.24	822.01	710.82	614.28	524.50
240.0	1563.14	1405.07	1253.13	1098.88	962.29	833.37	724.40	624.64	538.70
270.0	1530.30	1377.59	1218.21	1077.78	941.49	815.11	713.43	613.29	522.89
300.0	1507.13	1352.12	1205.55	1056.68	931.59	808.81	696.01	600.86	514.14
330.0	1462.00	1317.43	1163.27	1028.05	899.13	777.89	671.76	582.44	497.57
360.0	1471.06	1326.79	1176.39	1029.05	900.90	779.65	678.36	583.97	504.93
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	432.80	387.52	318.92	276.33	239.19	206.81	181.25	159.69	142.35
30.0	435.10	389.83	322.07	276.72	238.81	208.73	182.25	160.38	142.81
60.0	426.05	366.81	313.93	270.04	235.05	204.05	178.80	157.85	141.27
90.0	441.24	389.83	327.98	281.86	243.03	210.49	183.79	162.68	144.34
120.0	430.50	371.18	317.23	272.88	237.20	204.51	180.10	158.85	141.89
150.0	442.78	387.52	324.91	281.32	242.64	211.64	184.71	162.61	145.26
180.0	447.46	382.31	328.82	282.09	245.02	209.80	184.32	161.61	143.35
210.0	454.21	388.52	330.59	283.85	244.41	211.80	184.71	163.76	144.34
240.0	460.43	395.97	337.95	291.53	251.47	217.01	189.77	167.13	147.64
270.0	448.68	386.30	329.51	286.15	246.63	212.87	186.78	164.30	145.26
300.0	443.54	389.83	329.28	281.93	243.72	210.87	185.55	163.68	145.42
330.0	426.97	367.96	313.70	270.04	233.51	203.35	178.49	158.62	140.81
360.0	432.80	387.52	318.92	276.33	239.19	206.81	181.25	159.69	142.35
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	126.16	114.34	102.91	93.39	84.95	76.97	70.06	62.85	55.17
30.0	127.69	114.95	104.59	95.00	86.48	78.66	71.37	64.15	57.09
60.0	126.85	114.65	104.75	95.54	87.25	79.35	72.29	64.77	57.48
90.0	130.07	117.41	106.44	96.84	88.71	80.88	73.13	66.07	58.55
120.0	127.38	115.03	104.90	95.54	87.25	79.35	72.29	65.00	57.78
150.0	130.15	117.41	106.59	97.30	89.09	81.57	71.29	60.24	52.18
180.0	127.92	114.72	102.75	90.86	81.34	74.67	66.68	57.09	51.03
210.0	129.23	116.18	105.21	95.77	87.48	80.04	72.59	65.61	57.71
240.0	131.99	119.94	108.58	98.99	91.01	83.03	75.74	68.07	60.78
270.0	130.07	118.10	106.82	97.53	89.25	81.42	73.98	66.61	59.47
300.0	129.92	117.49	106.36	96.84	89.40	81.27	73.90	66.76	59.39
330.0	126.46	114.80	103.98	95.00	86.94	79.42	72.21	64.92	57.71
360.0	126.16	114.34	102.91	93.39	84.95	76.97	70.06	62.85	55.17

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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	47.81	40.98	33.99	27.40	20.72	12.89	6.14	1.00	0.46
30.0	49.04	41.90	34.76	28.39	21.26	13.66	6.45	1.07	0.46
60.0	49.80	41.98	34.84	28.47	21.10	13.51	6.22	1.00	0.46
90.0	50.95	43.28	36.30	29.39	22.33	14.27	7.37	1.07	0.54
120.0	49.96	42.28	35.15	28.01	21.10	13.35	6.52	1.07	0.54
150.0	43.59	36.53	31.39	26.93	21.41	14.89	7.83	1.61	0.54
180.0	45.66	37.68	31.85	26.17	20.03	12.89	6.06	1.38	0.46
210.0	50.49	42.82	35.30	29.08	22.02	14.58	7.98	1.61	0.54
240.0	53.03	45.81	38.06	31.16	24.40	15.81	8.06	2.23	0.61
270.0	51.80	44.12	36.76	29.77	22.25	14.81	7.98	1.38	0.54
300.0	51.64	44.43	36.91	29.77	22.87	14.66	7.29	1.61	0.54
330.0	50.19	42.59	35.38	29.08	21.10	13.43	6.14	1.00	0.46
360.0	47.81	40.98	33.99	27.40	20.72	12.89	6.14	1.00	0.46

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