

浙大三色

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ROLED

灯具名称: 地埋灯

灯具描述: G2013A-24-UN(2515-OL-24WN-AA, P1)

报告编号:

电压(V): 220.6000

测试编号: 20210318010

电流(A): 0.1560

光源规格型号: OL

功率(W): 31.6000

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): 2581.46

灯具效能(lm/w): 81.69

中心光强(cd): 14092.860

最大光强(cd): 14203.360

最大光强角度: $C=0.0 \gamma=4.0$

半峰边角(50%Imax): [C0/180]Total=25.6

[C90/270]Total=12.0

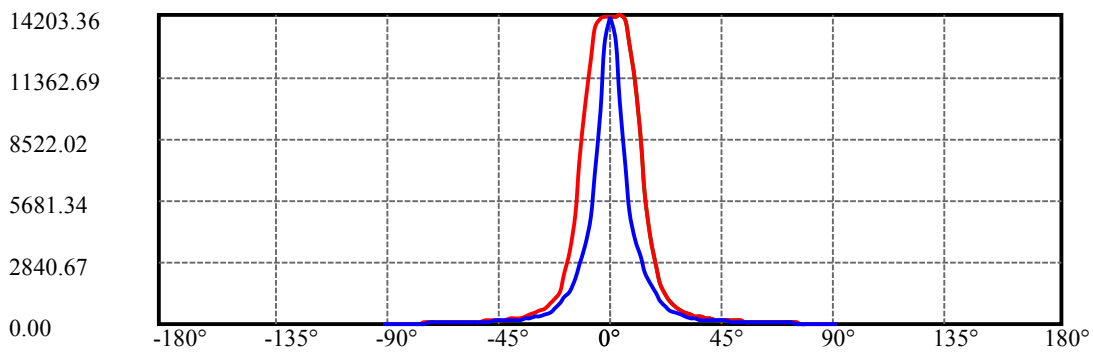
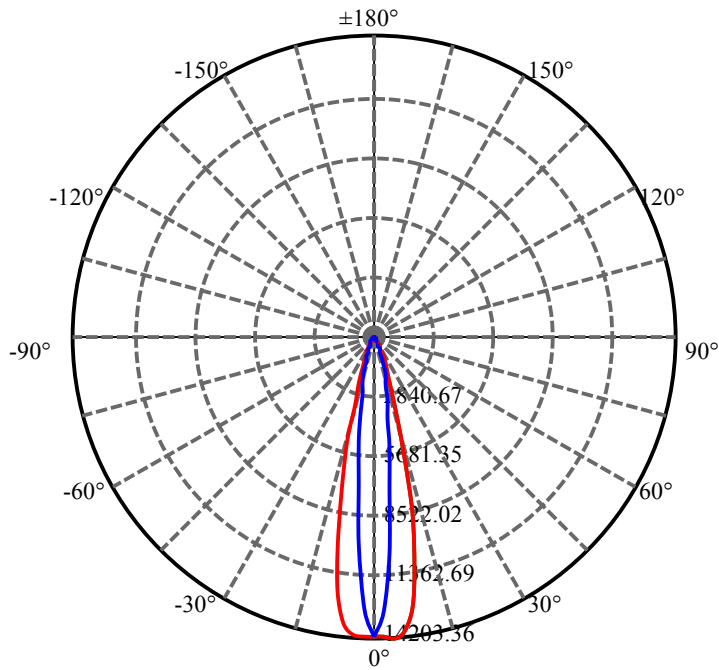
光束扩散角(10%Imax): [C0/180]Total=42.4

[C90/270]Total=34.9

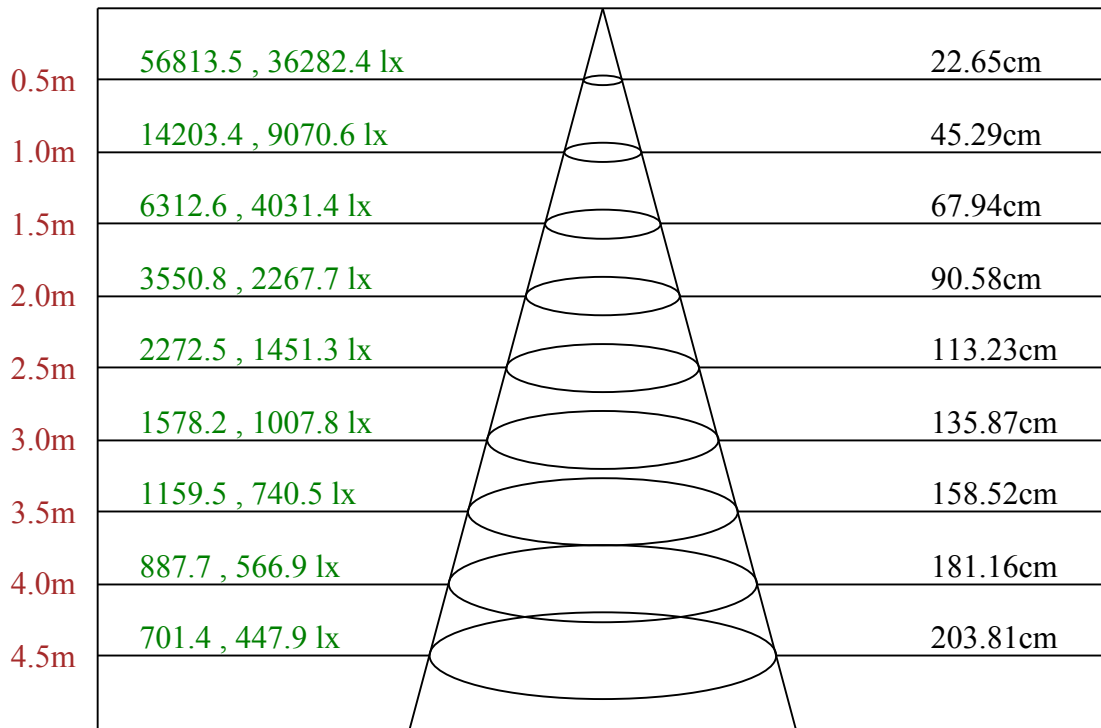
测试设备: GMS1800
环境温度(°C): 25.0

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

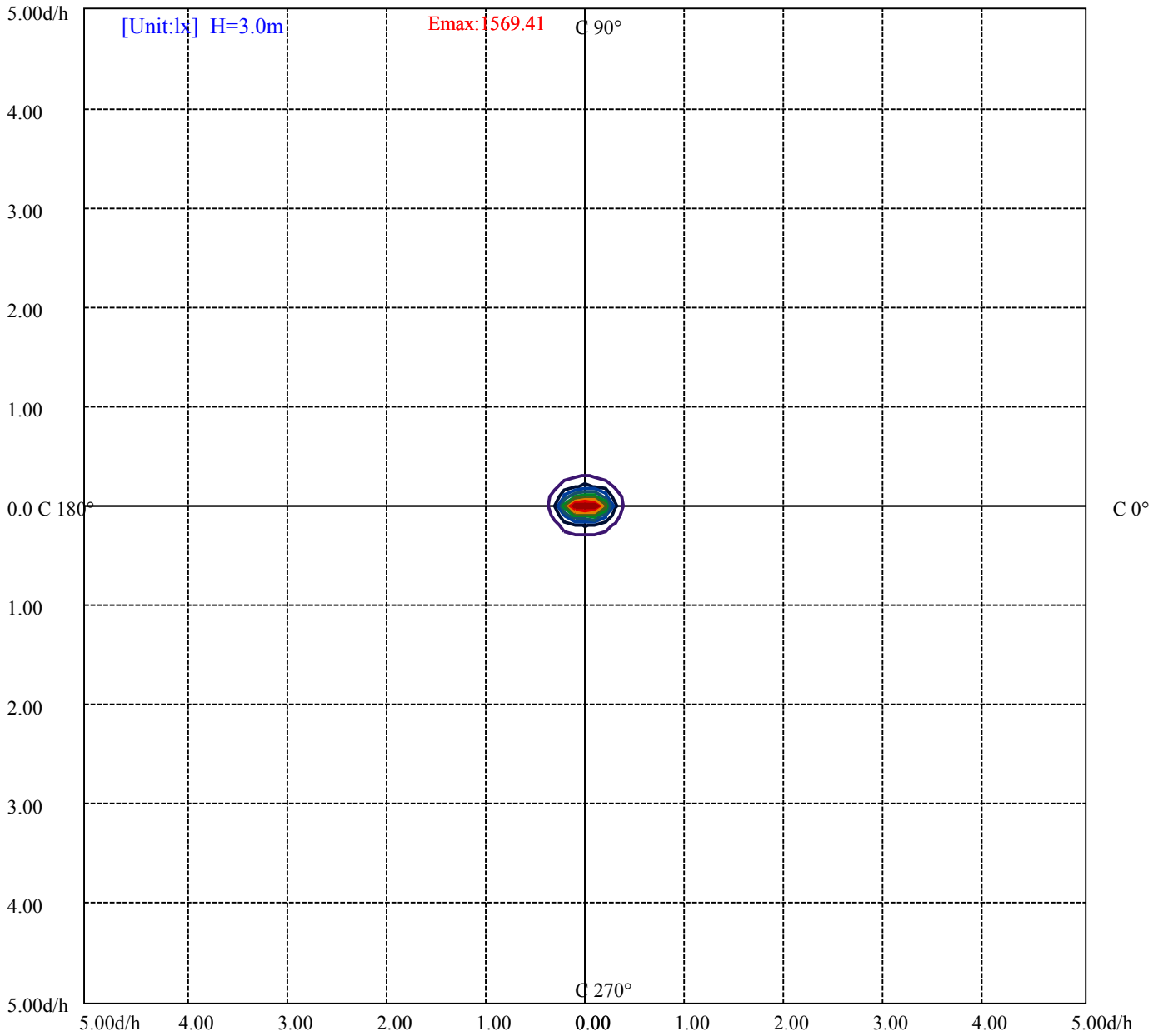


C0(Max): —
C0/C180: —
C90/C270: —



Max , Ave C0面光束角25.52

ROLED 地埋灯
平面等照度曲线



(10%Emax) 156.9411	——
(20%Emax) 313.8811	——
(30%Emax) 470.8222	——
(40%Emax) 627.7622	——
(50%Emax) 784.7034	——
(60%Emax) 941.6433	——
(70%Emax) 1098.584	——
(80%Emax) 1255.522	——
(90%Emax) 1412.467	——

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灯具的亮度限制曲线(灯具无发光侧边)

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亮度值表

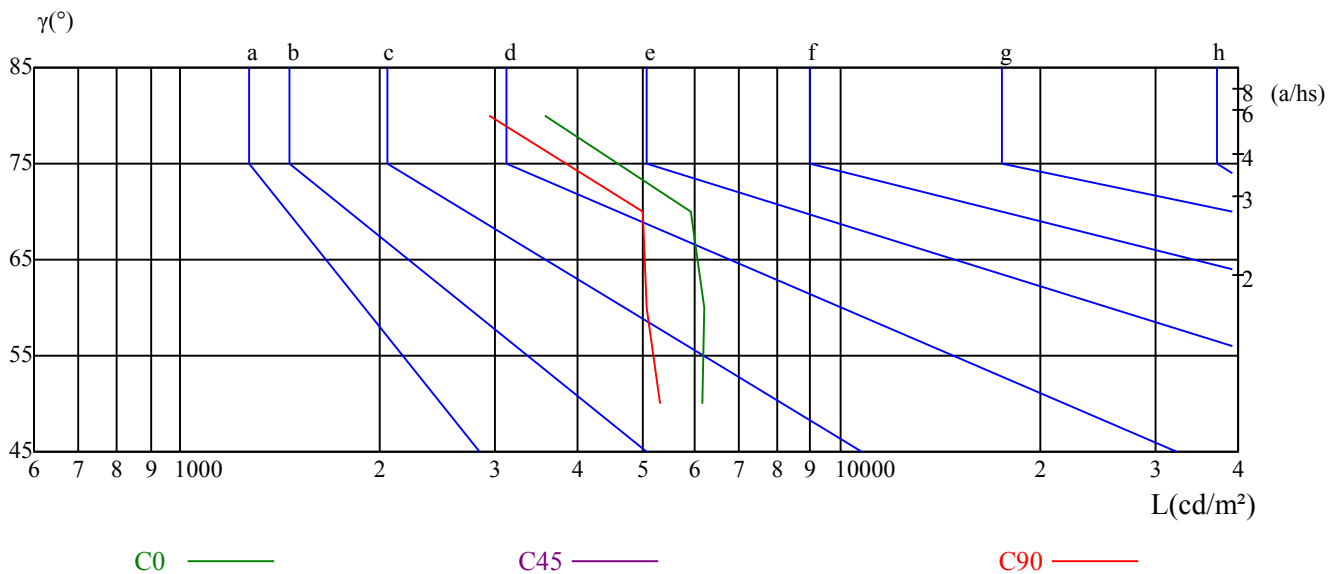
γ	45	50	55	60	65	70	75	80	85
C0	0	6187	0	6228	0	5929	0	3574	0
C45	0	0	0	0	0	0	0	0	0
C90	0	5324	0	5072	0	5022	0	2926	0

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)							
		a	b	c	d	e	f	g	h
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

亮度限制曲线



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

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	10.78	11.86	11.14	12.17	12.49	11.46	12.54	11.82	12.85	13.16
	3H	12.57	13.53	12.96	13.86	14.23	13.27	14.23	13.65	14.56	14.93
	4H	13.13	14.02	13.53	14.37	14.76	13.84	14.73	14.25	15.08	15.47
	6H	13.39	14.21	13.81	14.58	14.98	14.12	14.93	14.54	15.31	15.70
	8H	13.42	14.18	13.85	14.58	14.98	14.15	14.91	14.58	15.31	15.72
	12H	13.41	14.14	13.84	14.52	14.96	14.14	14.87	14.58	15.26	15.69
4H	2H	11.49	12.38	11.90	12.74	13.12	12.01	12.90	12.42	13.26	13.64
	3H	13.48	14.21	13.89	14.62	15.02	13.99	14.72	14.40	15.12	15.53
	4H	14.13	14.78	14.57	15.20	15.65	14.65	15.30	15.08	15.72	16.17
	6H	14.41	14.97	14.88	15.41	15.89	14.95	15.51	15.42	15.96	16.43
	8H	14.44	14.96	14.92	15.41	15.88	14.99	15.51	15.46	15.96	16.43
	12H	14.43	14.88	14.92	15.37	15.84	14.98	15.43	15.47	15.92	16.40
8H	4H	14.35	14.87	14.83	15.32	15.79	14.82	15.34	15.29	15.79	16.26
	6H	14.72	15.13	15.22	15.63	16.11	15.20	15.61	15.70	16.11	16.59
	8H	14.78	15.15	15.31	15.67	16.17	15.27	15.64	15.80	16.16	16.65
	12H	15.37	15.68	15.89	16.18	16.76	15.86	16.18	16.38	16.67	17.25
12H	4H	14.33	14.78	14.82	15.27	15.75	14.79	15.24	15.28	15.73	16.21
	6H	15.06	15.08	15.25	15.55	16.10	15.53	15.55	15.72	16.02	16.57
	8H	14.81	15.12	15.33	15.62	16.20	15.28	15.60	15.80	16.10	16.68
对应照射距离，改变观察者位置S											
S = 1.0H	0.3/-0.5					0.3/-0.5					
S = 1.5H	0.7/-0.7					0.8/-0.6					
S = 2.0H	1.0/-0.9					1.6/-0.8					
标准表格	BK3					BK3					
更正系数	-0.7					0.2					

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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	14092.86	14152.72	14203.36	13910.22	12901.13	11078.61	8488.71	5987.83	3947.38
30.0	14127.39	13899.48	13099.11	11563.59	9641.31	7378.32	5428.42	3795.44	2666.63
60.0	14122.02	12947.17	10631.23	7978.41	5838.96	4275.05	3229.89	2493.20	1916.14
90.0	14112.81	12976.33	10242.17	7201.82	5227.37	3905.18	3056.46	2365.82	1822.52
120.0	14089.02	12910.33	10421.73	7867.14	5607.98	4092.42	3088.69	2380.40	1829.42
150.0	14107.44	13742.94	12788.32	11065.56	9002.86	6732.19	4876.67	3395.64	2442.56
180.0	14092.86	14110.51	14036.84	13546.49	12183.63	10088.69	7507.24	5074.66	3381.83
210.0	14127.39	13783.61	12790.62	11140.76	9109.52	6784.37	4779.22	3282.07	2315.94
240.0	14122.02	13343.13	11039.47	8321.43	5930.28	4208.29	3108.64	2338.19	1771.10
270.0	14112.81	12821.32	9820.11	6879.53	4920.41	3609.74	2747.97	2103.38	1515.18
300.0	14089.02	13434.45	11197.55	8342.14	6073.01	4344.12	3193.82	2456.37	1873.93
330.0	14107.44	13886.44	12990.14	11390.16	9247.65	6896.41	4986.41	3461.63	2466.35
360.0	14092.86	14152.72	14203.36	13910.22	12901.13	11078.61	8488.71	5987.83	3947.38
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	2642.08	1844.00	1342.91	1031.35	818.79	659.18	539.47	451.98	388.29
30.0	1973.69	1478.73	1132.65	887.09	718.26	580.90	481.14	399.80	338.34
60.0	1488.63	1146.69	899.13	704.83	567.32	458.12	377.55	317.62	272.88
90.0	1421.18	1084.30	822.63	633.85	504.93	405.94	336.88	281.55	241.34
120.0	1421.33	1109.24	859.31	676.60	540.16	442.55	366.12	311.63	268.12
150.0	1796.43	1357.49	1058.21	825.70	670.69	544.84	454.29	390.59	325.52
180.0	2262.99	1522.32	1186.36	932.05	742.82	610.14	503.55	418.99	351.77
210.0	1601.51	1297.86	997.44	792.39	649.12	529.11	439.48	368.65	313.78
240.0	1347.51	1056.68	821.86	653.04	523.35	430.50	358.98	308.49	266.28
270.0	1255.66	973.65	738.75	573.00	462.11	371.49	311.55	263.82	229.83
300.0	1450.34	1111.16	870.97	679.90	550.21	445.85	389.83	315.55	270.73
330.0	1804.10	1388.87	1062.51	835.67	672.61	545.99	456.05	382.46	325.98
360.0	2642.08	1844.00	1342.91	1031.35	818.79	659.18	539.47	451.98	388.29
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	323.22	278.10	241.42	211.64	188.85	169.36	154.55	143.58	134.14
30.0	289.15	251.47	219.78	194.99	176.27	160.77	149.41	140.35	133.52
60.0	239.19	211.11	190.31	172.81	158.46	147.57	139.28	132.07	126.23
90.0	212.41	190.85	174.81	161.23	150.56	140.74	131.91	123.55	116.26
120.0	233.59	207.04	186.47	170.66	156.93	147.11	139.05	132.37	127.61
150.0	279.71	242.49	212.26	189.62	171.28	157.16	146.95	138.97	132.91
180.0	301.58	260.14	227.37	201.44	179.26	162.38	149.33	138.90	130.61
210.0	269.81	234.74	207.65	185.86	168.59	154.70	144.65	136.52	130.45
240.0	232.51	208.42	187.78	170.82	157.77	147.11	138.36	131.68	125.93
270.0	204.89	185.94	171.20	159.00	148.49	138.51	129.99	122.01	115.41
300.0	234.97	208.50	188.47	171.66	159.31	148.72	140.20	133.52	127.92
330.0	280.63	243.57	214.33	191.15	172.89	158.54	148.26	139.89	133.52
360.0	323.22	278.10	241.42	211.64	188.85	169.36	154.55	143.58	134.14
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	127.54	124.16	120.02	112.42	105.44	96.23	86.94	79.81	73.21
30.0	128.61	124.31	120.17	114.57	107.66	97.15	87.79	78.50	69.29
60.0	121.17	116.18	111.27	106.44	99.99	91.62	83.64	75.13	67.38
90.0	109.50	103.37	97.69	91.55	84.87	78.50	72.13	67.30	62.00
120.0	122.86	118.25	113.34	108.12	101.29	92.62	84.56	75.51	67.76
150.0	128.15	124.78	120.25	113.73	105.82	95.31	86.33	76.05	67.45
180.0	125.31	122.24	117.10	109.20	100.91	91.78	82.72	76.12	69.06
210.0	125.62	121.48	116.33	110.27	101.83	91.78	83.03	73.59	65.07
240.0	120.63	115.95	111.42	105.97	100.07	92.47	83.18	74.59	65.69
270.0	109.20	103.21	97.30	91.47	84.03	76.89	70.68	65.30	59.70
300.0	123.16	118.33	113.88	108.74	102.91	95.31	86.48	77.89	68.53
330.0	128.46	124.70	120.25	114.26	106.20	95.54	86.87	77.35	68.30
360.0	127.54	124.16	120.02	112.42	105.44	96.23	86.94	79.81	73.21

ROLED 地埋灯

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	64.00	51.72	41.59	33.46	22.41	11.59	2.92	2.07	0.77
30.0	61.70	52.49	38.68	28.78	22.64	12.97	4.37	1.69	0.69
60.0	60.09	50.88	35.91	27.24	18.72	10.67	2.92	1.53	0.46
90.0	54.56	42.51	34.46	27.70	18.34	8.98	2.69	1.76	0.54
120.0	59.93	50.26	35.30	27.09	18.65	9.90	2.46	1.30	0.38
150.0	59.70	50.49	35.84	26.86	20.26	11.20	2.99	1.46	0.54
180.0	59.32	46.12	37.83	28.55	19.26	9.21	2.38	1.53	0.46
210.0	58.09	49.27	34.76	26.17	19.18	10.51	2.84	1.46	0.54
240.0	58.78	50.65	37.14	27.24	21.26	11.89	4.45	1.61	0.69
270.0	53.18	41.90	32.77	26.47	17.27	8.52	2.53	1.76	0.61
300.0	61.70	53.26	39.44	28.39	22.41	12.43	4.68	1.76	0.77
330.0	61.24	52.34	37.68	28.09	21.18	12.20	4.30	1.69	0.61
360.0	64.00	51.72	41.59	33.46	22.41	11.59	2.92	2.07	0.77

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