

浙大三色

Email:sensing@sensingm.com

Tel:+86 571 85021543 Fax:+86 571 87977635

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## ROLED

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灯具名称: 地埋灯

灯具描述: G1031A-3-UN(30-OL-3WN-AA, P1)

报告编号:

电压(V): 220.5000

测试编号: 20210322005

电流(A): 0.0210

光源规格型号: OL

功率(W): 4.0000

每个光源光通量(lm)

功率因数: 0.8660

光源数量: 3

镇流器型号:

发光面长度(mm): 65

发光面宽度(mm): 65

测试模式: C

发光面高度(mm): 0

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## 光度结果

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灯具光通量(lm): 312.94

灯具效能(lm/w): 78.24

中心光强(cd): 912.794

最大光强(cd): 917.321

最大光强角度: C=120.0  $\gamma=0.0$

半峰边角(50%Imax): [C0/180]Total=28.0

[C90/270]Total=28.1

光束扩散角(10%Imax): [C0/180]Total=54.5

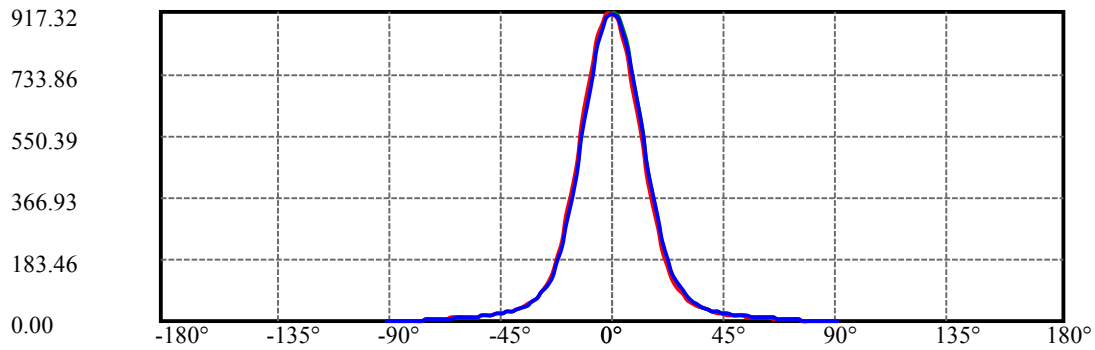
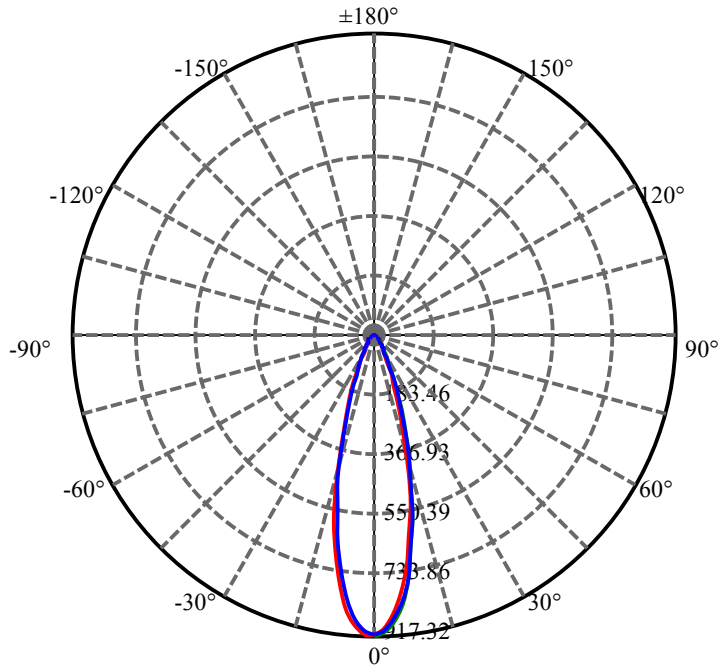
[C90/270]Total=54.9

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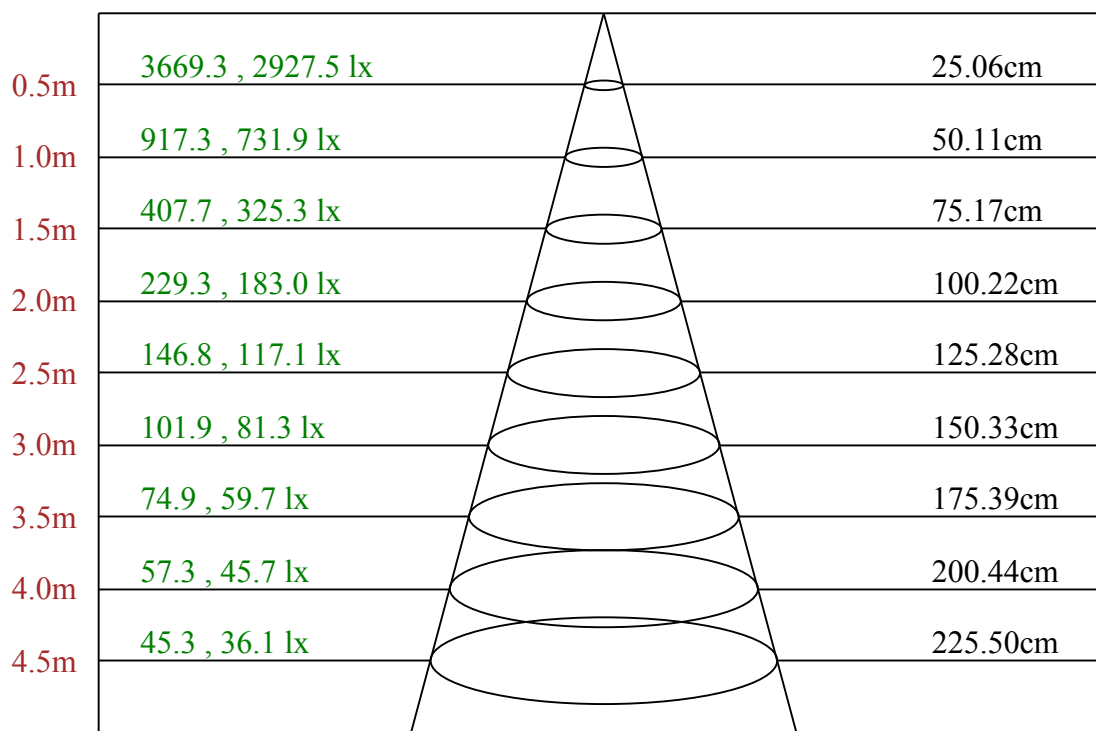
测试设备: GMS1800  
环境温度(°C): 25.0

测试日期: 2021/3/22  
环境湿度(%): 60.0%

测试人员: anpeilou  
测试距离(m): 8.76

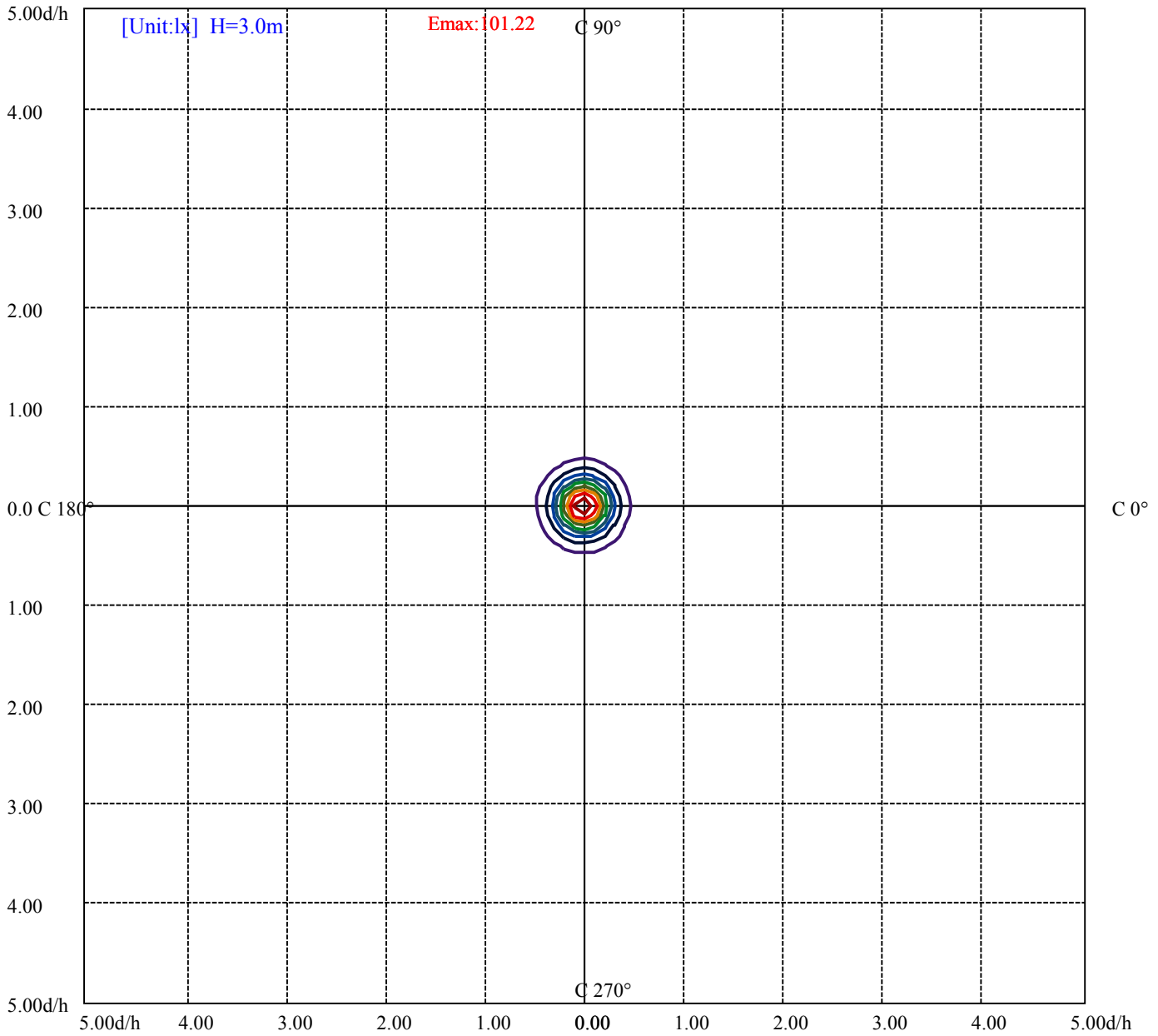


C120(Max): ——  
C0/C180: ——  
C90/C270: ——



Max , Ave C120面光束角28.13

ROLED 地埋灯  
平面等照度曲线



- (10%Emax) 10.12168
- (20%Emax) 20.24333
- (30%Emax) 30.365
- (40%Emax) 40.48667
- (50%Emax) 50.60833
- (60%Emax) 60.73011
- (70%Emax) 70.85178
- (80%Emax) 80.97344
- (90%Emax) 91.09512

测试设备: GMS1800  
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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

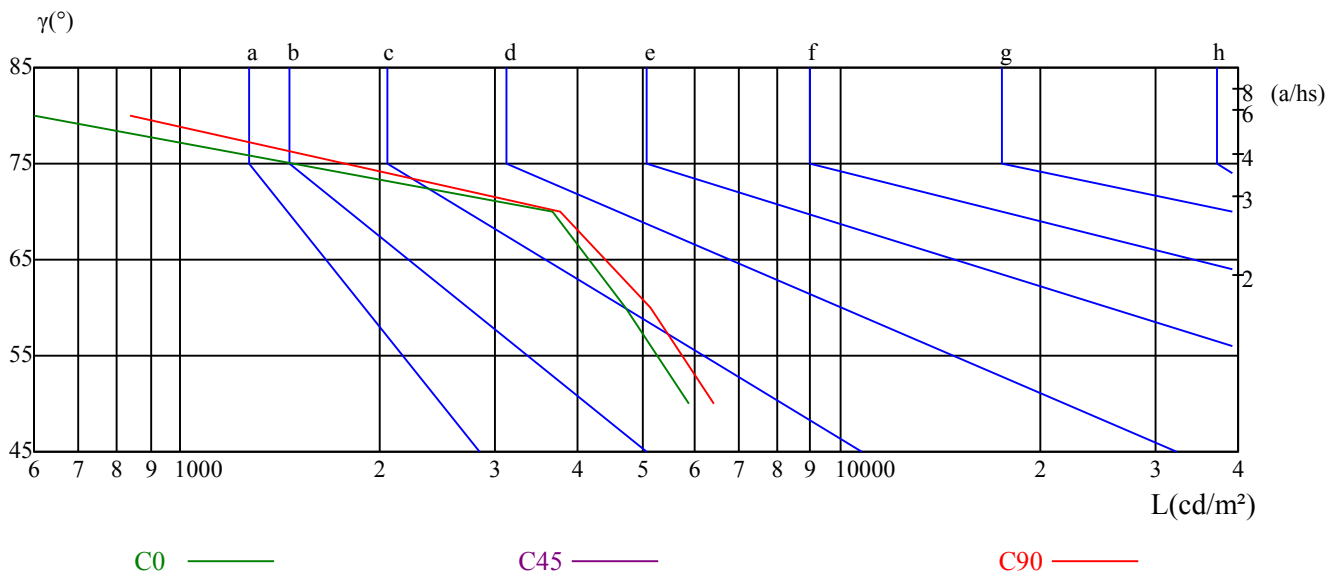
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	5877	0	4722	0	3664	0	418	0
C45	0	0	0	0	0	0	0	0	0
C90	0	6414	0	5158	0	3770	0	837	0

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	17.63	18.69	17.99	19.00	19.31	17.40	18.46	17.77	18.77	19.09
	3H	18.88	19.81	19.26	20.15	20.51	18.66	19.60	19.05	19.93	20.30
	4H	19.08	19.95	19.49	20.31	20.69	18.88	19.74	19.28	20.10	20.49
	6H	19.06	19.85	19.48	20.23	20.62	18.85	19.64	19.27	20.02	20.42
	8H	19.01	19.76	19.45	20.15	20.56	18.80	19.55	19.24	19.94	20.35
	12H	18.96	19.67	19.39	20.06	20.49	18.75	19.46	19.18	19.85	20.28
4H	2H	18.01	18.87	18.41	19.23	19.61	17.82	18.69	18.23	19.04	19.43
	3H	19.40	20.11	19.82	20.52	20.93	19.20	19.90	19.61	20.31	20.72
	4H	19.65	20.28	20.09	20.70	21.15	19.43	20.06	19.87	20.49	20.93
	6H	19.64	20.18	20.11	20.63	21.10	19.42	19.96	19.89	20.41	20.88
	8H	19.58	20.08	20.05	20.53	21.00	19.35	19.86	19.83	20.31	20.78
	12H	19.52	19.96	20.01	20.45	20.92	19.30	19.73	19.79	20.22	20.70
8H	4H	19.63	20.14	20.11	20.59	21.06	19.43	19.93	19.91	20.38	20.86
	6H	19.62	20.01	20.12	20.52	21.00	19.41	19.81	19.92	20.31	20.79
	8H	19.56	19.91	20.09	20.43	20.93	19.35	19.70	19.88	20.22	20.72
	12H	20.30	20.60	20.82	21.10	21.68	20.08	20.39	20.60	20.88	21.46
12H	4H	19.58	20.01	20.07	20.50	20.98	19.37	19.81	19.87	20.30	20.77
	6H	19.87	19.91	20.09	20.38	20.93	19.67	19.70	19.88	20.17	20.72
	8H	19.51	19.82	20.03	20.31	20.89	19.30	19.61	19.82	20.10	20.68
对应照射距离，改变观察者位置S											
S = 1.0H	0.7/-0.8					0.6/-0.8					
S = 1.5H	1.5/-1.3					1.4/-1.4					
S = 2.0H	3.5/-1.6					3.4/-1.9					
标准表格	BK2					BK2					
更正系数	-2.0					-2.5					

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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	912.79	893.00	849.87	785.64	706.22	621.57	523.20	432.49	345.47
30.0	910.41	895.91	854.40	794.08	713.12	623.42	529.87	437.48	355.22
60.0	911.49	892.69	852.09	792.78	711.59	619.66	533.25	439.17	352.76
90.0	913.02	898.44	864.83	811.65	744.28	654.65	561.03	466.64	379.85
120.0	917.32	905.58	875.96	822.47	745.97	654.73	565.63	467.18	378.85
150.0	911.26	907.81	885.01	837.44	767.76	686.57	590.04	492.19	401.57
180.0	912.79	909.26	881.25	836.67	763.54	676.06	579.45	479.69	386.99
210.0	910.41	907.81	880.79	837.51	764.69	673.37	575.69	478.54	384.30
240.0	911.49	907.81	881.95	832.07	764.84	675.52	574.61	478.54	390.67
270.0	913.02	900.21	864.76	807.97	729.85	636.00	544.30	450.07	359.36
300.0	917.32	902.97	863.45	802.91	724.56	633.62	533.94	441.09	352.38
330.0	911.26	889.62	844.42	779.81	697.39	607.15	511.53	420.83	333.96
360.0	912.79	893.00	849.87	785.64	706.22	621.57	523.20	432.49	345.47
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	271.34	210.49	161.53	126.23	99.22	79.50	63.54	52.72	43.97
30.0	280.09	216.17	165.22	129.23	101.14	81.42	65.99	54.25	45.66
60.0	278.10	216.40	166.44	128.77	102.52	81.73	66.22	54.41	45.58
90.0	303.50	240.34	184.40	142.50	111.19	88.32	71.83	58.93	49.73
120.0	296.59	231.67	178.18	139.89	108.74	86.02	70.14	57.40	47.73
150.0	319.54	249.01	191.31	150.56	116.41	92.01	74.59	60.85	50.49
180.0	311.17	240.50	184.55	143.27	110.96	88.09	71.06	58.93	48.88
210.0	309.02	239.81	182.87	142.12	111.27	88.02	71.29	59.47	49.19
240.0	306.80	238.65	185.17	141.50	111.04	88.09	71.90	59.16	49.19
270.0	287.46	222.46	169.51	131.45	104.06	82.80	67.53	56.48	47.12
300.0	278.17	215.86	167.83	128.54	101.29	80.73	65.84	54.56	45.58
330.0	265.36	204.51	157.39	122.17	96.69	78.20	63.39	52.34	43.89
360.0	271.34	210.49	161.53	126.23	99.22	79.50	63.54	52.72	43.97
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	37.68	32.54	28.16	24.63	21.72	19.41	17.34	15.96	14.43
30.0	38.91	33.38	28.93	25.40	22.33	19.88	17.80	15.96	14.43
60.0	38.75	33.76	29.39	25.78	22.79	20.26	18.26	16.58	15.19
90.0	41.90	35.84	31.16	27.32	24.02	21.33	19.34	17.42	15.81
120.0	40.36	34.99	30.39	26.70	23.56	21.03	18.80	16.96	15.42
150.0	42.74	36.99	32.00	27.93	24.48	21.72	19.57	17.50	15.88
180.0	41.36	35.30	30.62	26.63	23.64	20.95	18.72	16.81	15.27
210.0	41.67	35.84	30.85	27.09	23.48	20.80	18.49	16.65	14.89
240.0	41.75	35.91	31.39	26.93	24.02	21.18	19.03	17.11	15.50
270.0	40.36	34.84	30.16	26.47	23.64	20.80	18.65	16.81	15.12
300.0	39.14	33.69	29.24	25.55	22.79	20.34	18.26	16.50	14.96
330.0	37.68	32.69	28.32	25.09	22.18	19.64	17.73	16.11	14.66
360.0	37.68	32.54	28.16	24.63	21.72	19.41	17.34	15.96	14.43
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	13.12	12.05	10.97	9.98	8.90	7.90	6.98	6.14	5.29
30.0	12.97	11.82	10.74	9.75	8.67	7.67	6.83	6.06	5.22
60.0	13.89	12.74	11.59	10.59	9.59	8.59	7.52	6.37	5.37
90.0	14.35	13.05	11.89	10.90	10.05	8.98	7.98	6.68	5.45
120.0	14.04	12.89	11.74	10.59	9.59	8.59	7.60	6.60	5.68
150.0	14.35	13.12	11.97	10.74	9.82	8.59	7.67	6.75	5.83
180.0	13.81	12.58	11.59	10.59	9.59	8.67	7.44	6.45	5.45
210.0	13.43	12.35	11.28	10.28	9.29	8.36	7.37	6.14	4.99
240.0	14.20	12.89	11.82	10.67	9.67	8.52	7.44	6.68	5.83
270.0	13.81	12.66	11.51	10.36	9.29	8.13	7.21	6.29	5.29
300.0	13.74	12.35	11.43	10.44	9.52	8.36	7.14	6.14	4.83
330.0	13.51	12.28	11.28	10.28	9.21	8.21	7.06	5.91	4.53
360.0	13.12	12.05	10.97	9.98	8.90	7.90	6.98	6.14	5.29

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	4.22	2.99	1.84	0.69	0.31	0.23	0.08	0.00	0.00
30.0	4.30	3.30	1.76	0.69	0.23	0.15	0.08	0.00	0.00
60.0	3.99	2.99	2.15	1.07	0.46	0.23	0.15	0.00	0.00
90.0	4.07	2.99	2.15	1.46	0.61	0.23	0.31	0.08	0.00
120.0	4.68	3.38	2.30	1.00	0.38	0.23	0.15	0.08	0.00
150.0	2.38	1.92	2.38	1.15	0.38	0.23	0.23	0.08	0.00
180.0	4.07	2.99	2.15	1.23	0.46	0.23	0.15	0.08	0.00
210.0	3.76	2.76	1.92	1.07	0.38	0.23	0.08	0.08	0.08
240.0	4.68	3.22	2.30	0.77	0.23	0.23	0.15	0.00	0.00
270.0	4.30	3.07	1.61	0.54	0.23	0.23	0.15	0.00	0.00
300.0	3.45	2.69	1.92	0.84	0.31	0.23	0.15	0.00	0.00
330.0	3.53	2.53	1.84	0.84	0.31	0.15	0.15	0.00	0.00
360.0	4.22	2.99	1.84	0.69	0.31	0.23	0.08	0.00	0.00
C/γ(°)	90.0								
0.0	0.00								
30.0	0.00								
60.0	0.00								
90.0	0.00								
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								