

浙大三色

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ROLED

灯具名称: 地埋灯

灯具描述: G1034A-18-UN(20-OL-18WN-AA, P1)

报告编号:

电压(V): 220.3000

测试编号: 20210323009

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: 0.9400

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): 1949.38

灯具效能(lm/w): 95.56

中心光强(cd): 8908.468

最大光强(cd): 8943.000

最大光强角度: $C=30.0$ $\gamma=0.0$

半峰边角(50%Imax): [C0/180]Total=20.6

[C90/270]Total=20.5

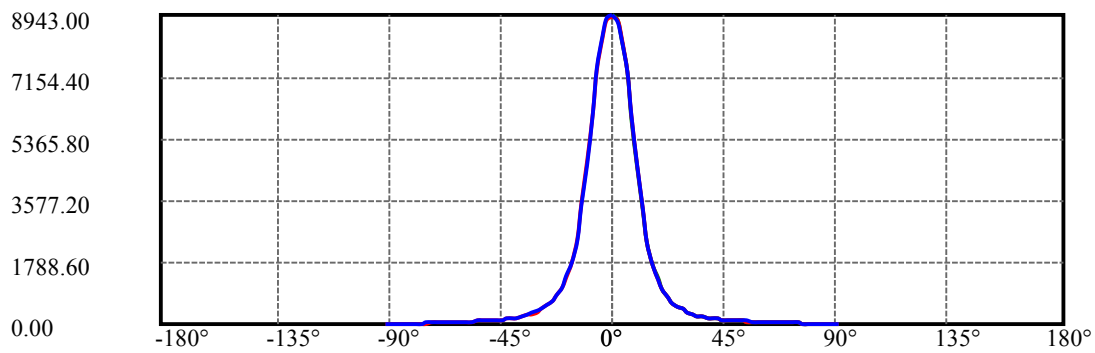
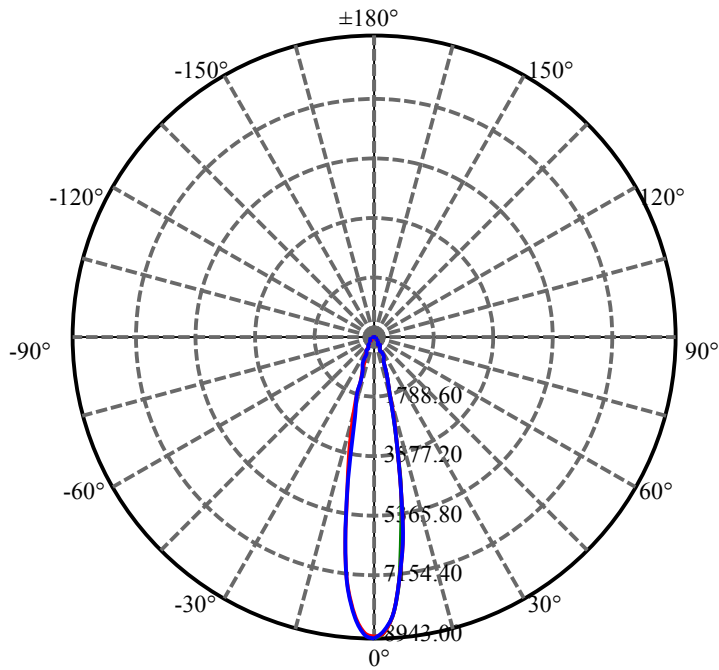
光束扩散角(10%Imax): [C0/180]Total=42.5

[C90/270]Total=42.6

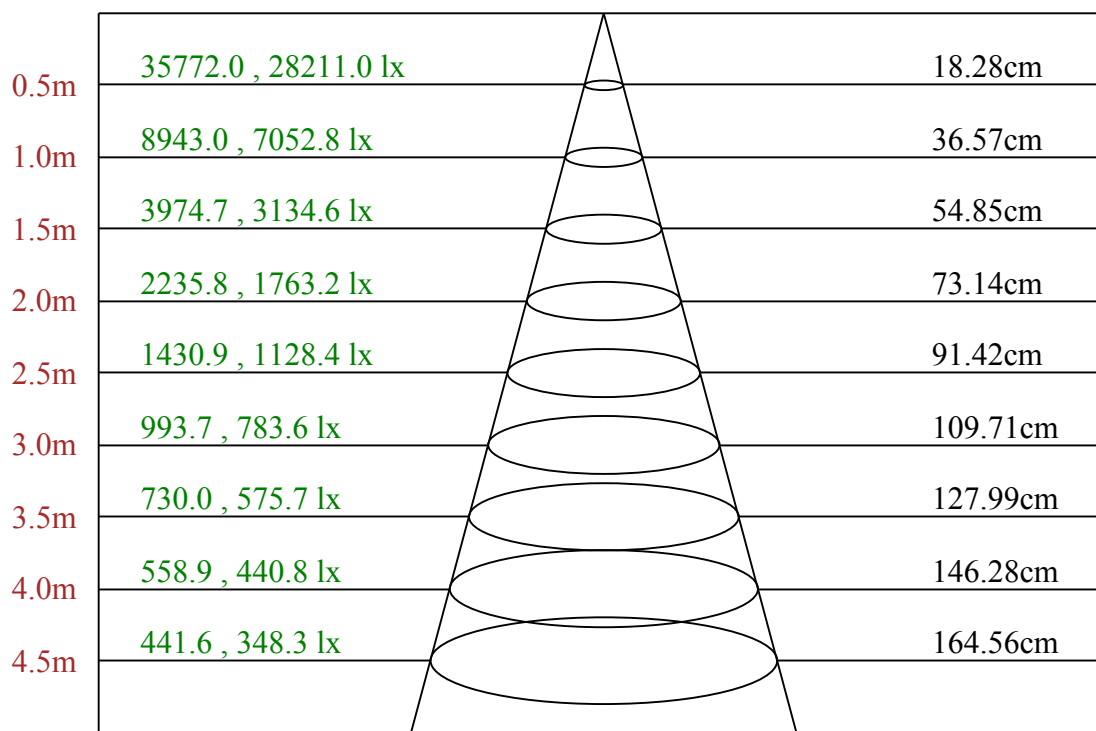
测试设备: GMS1800
环境温度(°C): 25.0

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

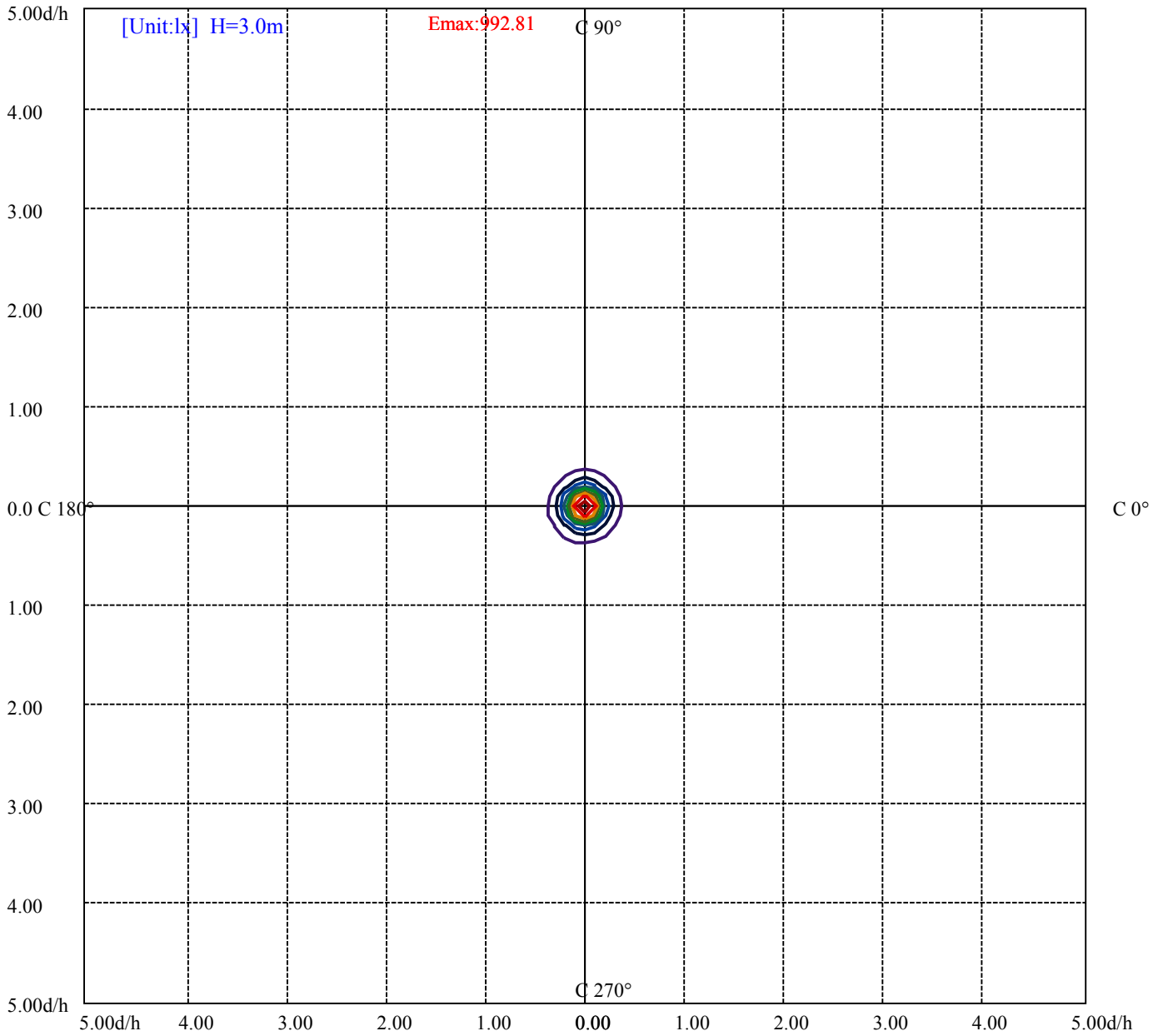


C30(Max): ——
C0/C180: ——
C90/C270: ——



Max , Ave C30面光束角20.72

ROLED 地埋灯
平面等照度曲线



- (10%Emax) 99.28122
- (20%Emax) 198.5622
- (30%Emax) 297.8434
- (40%Emax) 397.1245
- (50%Emax) 496.4055
- (60%Emax) 595.6877
- (70%Emax) 694.9689
- (80%Emax) 794.25
- (90%Emax) 893.5311

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ROLED 地埋灯

灯具的亮度限制曲线(灯具无发光侧边)

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亮度值表

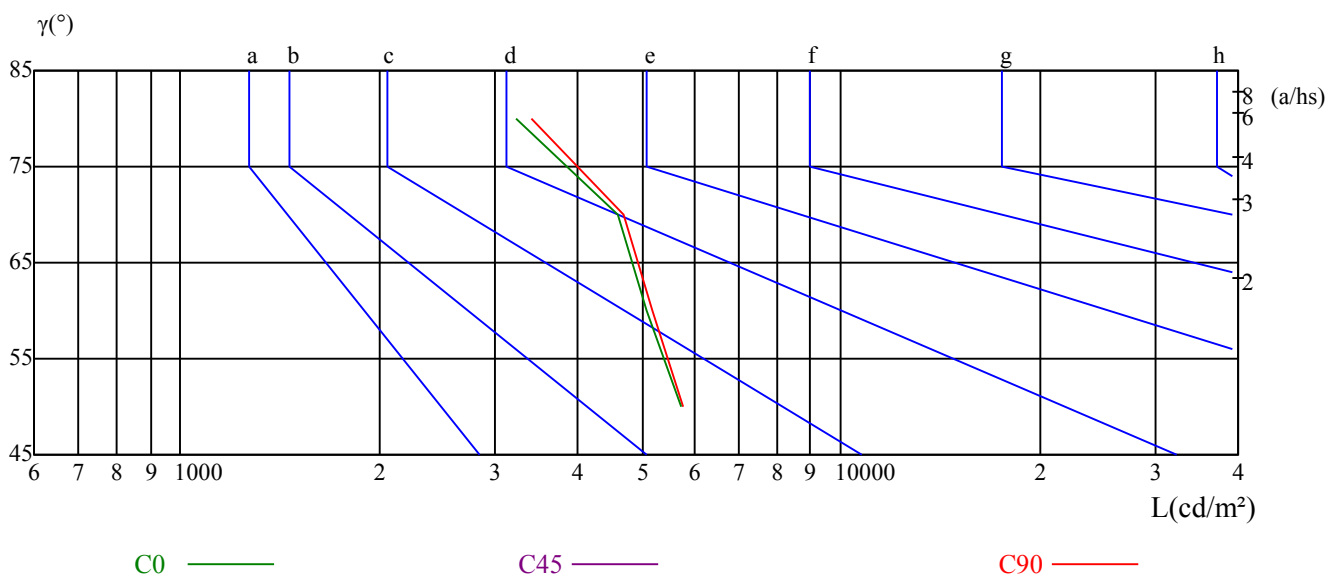
γ	45	50	55	60	65	70	75	80	85
C0	0	5732	0	5094	0	4608	0	3216	0
C45	0	0	0	0	0	0	0	0	0
C90	0	5773	0	5170	0	4676	0	3401	0

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



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

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	11.34	12.41	11.71	12.72	13.04	11.25	12.32	11.61	12.63	12.95
	3H	13.07	14.02	13.45	14.35	14.72	12.86	13.81	13.24	14.14	14.51
	4H	13.66	14.54	14.07	14.90	15.28	13.42	14.30	13.82	14.65	15.04
	6H	14.03	14.83	14.45	15.21	15.61	13.77	14.58	14.19	14.95	15.35
	8H	14.10	14.86	14.53	15.25	15.66	13.84	14.59	14.27	14.99	15.40
	12H	14.13	14.85	14.56	15.24	15.67	13.87	14.59	14.30	14.98	15.41
4H	2H	11.88	12.76	12.29	13.12	13.50	11.81	12.69	12.21	13.04	13.43
	3H	13.80	14.52	14.21	14.93	15.33	13.60	14.33	14.02	14.74	15.14
	4H	14.50	15.14	14.93	15.56	16.01	14.27	14.91	14.71	15.34	15.78
	6H	14.88	15.43	15.35	15.88	16.36	14.64	15.19	15.11	15.64	16.11
	8H	14.97	15.49	15.45	15.94	16.41	14.73	15.24	15.20	15.69	16.17
	12H	15.00	15.45	15.49	15.94	16.42	14.76	15.21	15.25	15.69	16.17
8H	4H	14.68	15.20	15.16	15.65	16.12	14.48	15.00	14.96	15.45	15.92
	6H	15.18	15.59	15.69	16.09	16.57	14.97	15.37	15.47	15.88	16.36
	8H	15.32	15.68	15.85	16.20	16.70	15.10	15.47	15.63	15.99	16.48
	12H	15.91	16.22	16.43	16.72	17.30	15.70	16.01	16.22	16.51	17.09
12H	4H	14.67	15.12	15.16	15.60	16.08	14.47	14.92	14.96	15.41	15.88
	6H	15.53	15.55	15.72	16.02	16.57	15.32	15.34	15.51	15.81	16.36
	8H	15.36	15.67	15.88	16.17	16.75	15.15	15.46	15.67	15.96	16.54
对应照射距离，改变观察者位置S											
S = 1.0H	0.3/-0.5					0.4/-0.6					
S = 1.5H	1.0/-0.8					1.0/-0.8					
S = 2.0H	1.8/-0.9					1.9/-0.9					
标准表格	BK3					BK3					
更正系数	-0.9					-1.0					

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	8908.47	8776.48	8250.83	7270.89	6043.85	4610.40	3314.30	2373.49	1743.48
30.0	8943.00	8778.78	8230.87	7270.89	5930.28	4552.84	3293.58	2383.47	1728.13
60.0	8927.65	8692.07	8080.47	7078.28	5779.88	4354.86	3201.49	2267.60	1526.08
90.0	8929.19	8729.67	8212.46	7288.54	6057.67	4606.56	3333.48	2403.42	1733.50
120.0	8914.61	8698.97	8138.02	7186.48	5923.38	4499.13	3311.23	2337.43	1531.45
150.0	8913.07	8784.15	8315.29	7499.57	6260.25	4808.38	3501.54	2529.27	1817.91
180.0	8908.47	8767.27	8262.34	7359.90	6129.80	4707.85	3497.70	2482.46	1796.43
210.0	8943.00	8825.59	8334.47	7473.47	6199.63	4733.94	3453.19	2516.99	1822.52
240.0	8927.65	8875.47	8468.76	7600.09	6442.12	5011.73	3664.22	2649.75	1949.90
270.0	8929.19	8825.59	8312.22	7409.02	6099.87	4627.28	3417.89	2454.07	1783.38
300.0	8914.61	8837.87	8378.21	7442.01	6234.93	4793.03	3467.77	2493.97	1833.26
330.0	8913.07	8756.53	8177.93	7217.17	5874.26	4407.04	3180.77	2309.80	1600.75
360.0	8908.47	8776.48	8250.83	7270.89	6043.85	4610.40	3314.30	2373.49	1743.48
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	1299.93	1008.33	801.91	634.62	514.14	419.75	349.62	292.68	249.40
30.0	1308.38	1024.45	802.68	638.46	516.44	424.36	352.00	295.67	249.40
60.0	1258.42	982.47	773.21	617.28	505.39	413.39	341.56	284.85	242.95
90.0	1303.77	1004.50	795.00	632.32	509.54	420.52	348.01	291.99	244.87
120.0	1278.45	993.91	778.89	619.58	505.93	413.46	344.55	284.70	242.80
150.0	1360.56	1056.68	825.70	655.34	527.95	434.33	359.90	301.12	253.92
180.0	1355.42	1054.76	826.46	663.70	533.71	435.95	359.29	298.97	254.92
210.0	1406.14	1089.83	851.63	678.28	552.82	449.45	371.03	312.55	262.21
240.0	1451.88	1138.79	893.99	705.22	569.39	463.50	389.83	320.46	272.19
270.0	1360.94	1070.95	837.82	675.14	547.06	445.08	367.57	308.64	259.07
300.0	1365.93	1072.02	840.28	664.55	543.30	443.54	390.59	304.65	259.22
330.0	1297.94	1006.72	787.94	629.48	515.29	419.52	347.16	292.60	246.56
360.0	1299.93	1008.33	801.91	634.62	514.14	419.75	349.62	292.68	249.40
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	212.87	184.78	161.30	142.81	127.61	114.80	105.13	96.69	89.25
30.0	213.33	184.55	162.15	143.12	127.61	115.80	105.36	97.23	89.48
60.0	208.57	181.10	160.15	141.66	127.31	114.88	105.36	97.07	90.47
90.0	211.11	183.10	161.69	143.12	127.92	115.95	105.74	97.38	90.01
120.0	208.50	180.87	159.46	141.43	127.08	114.26	104.82	96.46	89.40
150.0	217.09	189.54	165.52	146.26	130.38	117.87	107.59	98.84	91.93
180.0	217.93	189.31	165.14	145.72	129.69	117.64	106.90	97.92	90.40
210.0	225.46	194.91	169.28	149.33	133.06	120.48	109.81	100.83	92.85
240.0	231.36	200.21	175.04	153.63	136.98	123.01	112.57	103.44	95.54
270.0	221.77	193.30	168.13	148.56	132.83	119.25	108.58	99.61	92.09
300.0	220.85	192.46	167.75	147.49	131.60	118.25	108.20	99.38	91.70
330.0	211.87	183.94	161.61	143.27	128.08	116.33	106.28	98.38	90.78
360.0	212.87	184.78	161.30	142.81	127.61	114.80	105.13	96.69	89.25
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	82.57	76.97	71.44	66.84	62.08	57.17	52.10	46.96	41.36
30.0	83.11	77.35	71.90	67.15	62.31	57.40	52.03	46.66	41.21
60.0	84.26	78.50	73.36	68.30	63.31	58.01	53.03	47.50	41.59
90.0	83.95	78.20	72.98	67.84	63.16	58.40	53.18	47.65	41.98
120.0	83.03	77.12	71.98	66.84	62.00	56.86	51.95	46.43	40.82
150.0	85.33	79.58	74.28	69.29	64.38	59.78	51.18	44.35	37.22
180.0	83.72	77.74	69.60	64.15	59.16	56.02	47.27	42.90	37.14
210.0	86.10	79.96	74.13	69.45	64.46	59.47	54.18	49.04	42.90
240.0	88.63	82.72	77.04	71.75	67.07	61.85	56.48	50.95	45.04
270.0	85.33	79.58	73.82	68.60	63.77	59.16	54.10	48.42	42.90
300.0	84.80	78.89	73.28	68.14	63.62	58.55	53.56	48.04	42.36
330.0	84.64	78.89	73.82	68.91	64.00	59.01	53.72	48.27	42.21
360.0	82.57	76.97	71.44	66.84	62.08	57.17	52.10	46.96	41.36

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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	35.61	30.70	25.55	20.18	14.66	9.21	4.53	0.77	0.38
30.0	35.84	30.54	25.40	20.64	15.04	9.36	4.45	0.77	0.31
60.0	36.07	30.39	25.02	19.95	14.73	9.06	3.91	0.77	0.38
90.0	36.37	30.85	25.71	20.95	15.50	9.82	4.83	0.69	0.38
120.0	35.38	29.93	24.79	19.88	14.50	9.29	4.53	0.61	0.38
150.0	31.46	26.09	23.10	19.41	15.35	10.36	5.37	1.07	0.46
180.0	31.77	27.47	24.25	19.95	14.81	9.90	4.83	0.84	0.31
210.0	37.52	31.85	26.40	21.56	16.04	10.51	5.53	1.00	0.46
240.0	38.98	33.61	27.86	22.41	17.11	11.13	5.60	1.53	0.38
270.0	37.06	31.69	26.40	21.18	15.65	10.05	5.29	1.00	0.46
300.0	36.60	31.54	26.32	21.10	15.81	10.13	5.14	1.07	0.46
330.0	36.60	31.00	25.78	20.87	14.96	9.44	4.60	0.77	0.38
360.0	35.61	30.70	25.55	20.18	14.66	9.21	4.53	0.77	0.38

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