

浙大三色

Email:sensing@sensingm.com

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

ROLED

灯具名称: 投光灯

灯具描述: F3313A-27-UN (30-OL-27WN-AA, P1)

报告编号:

电压(V): 220.3000

测试编号: 20210326011

电流(A): 0.1540

光源规格型号: OL

功率(W): 32.9000

每个光源光通量(lm)

功率因数: 0.9670

光源数量: 27

镇流器型号:

发光面长度(mm): 900

发光面宽度(mm): 40

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 2830.47

灯具效能(lm/w): 86.03

中心光强(cd): 7811.888

最大光强(cd): 7837.211

最大光强角度: $C=30.0$ $\gamma=0.0$

半峰边角(50%Imax): [C0/180]Total=29.0

[C90/270]Total=28.8

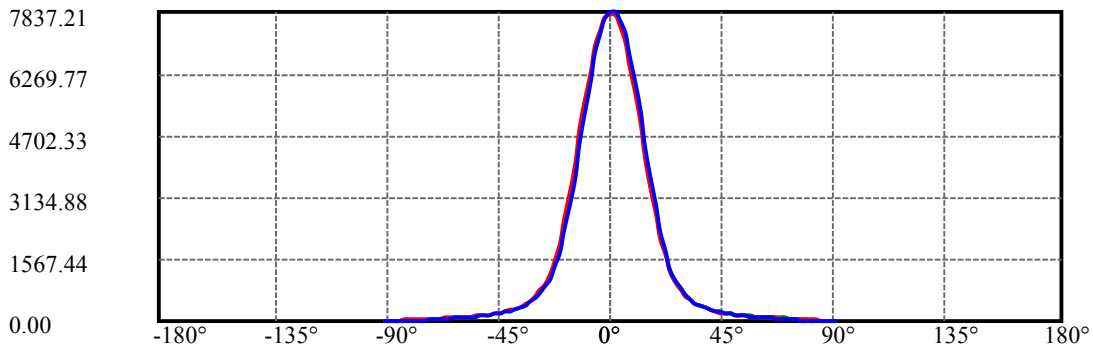
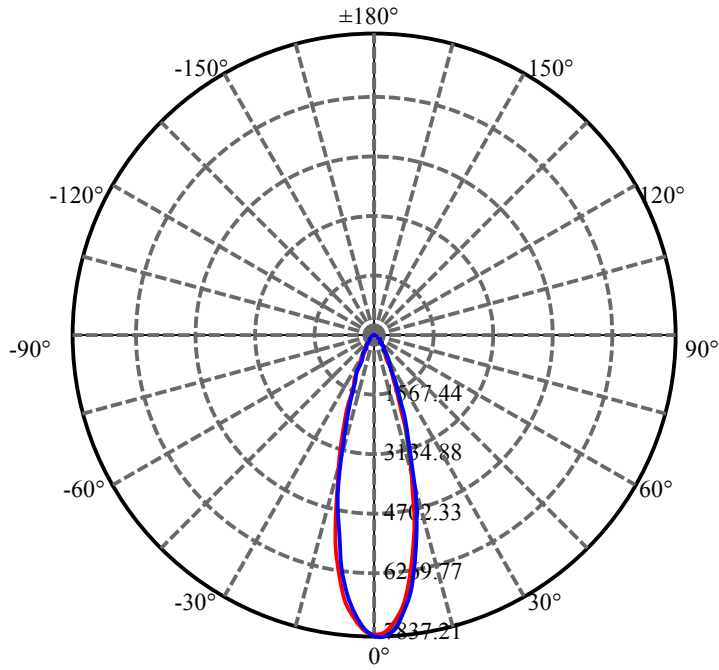
光束扩散角(10%Imax): [C0/180]Total=55.8

[C90/270]Total=55.4

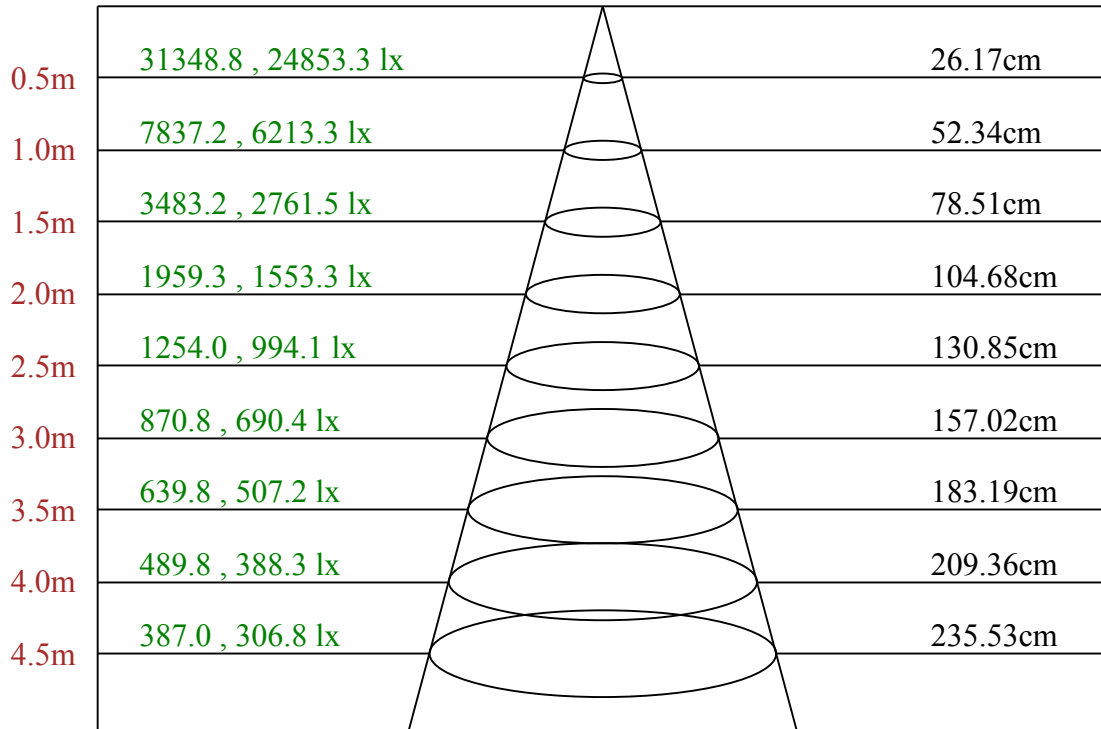
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/3/26
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

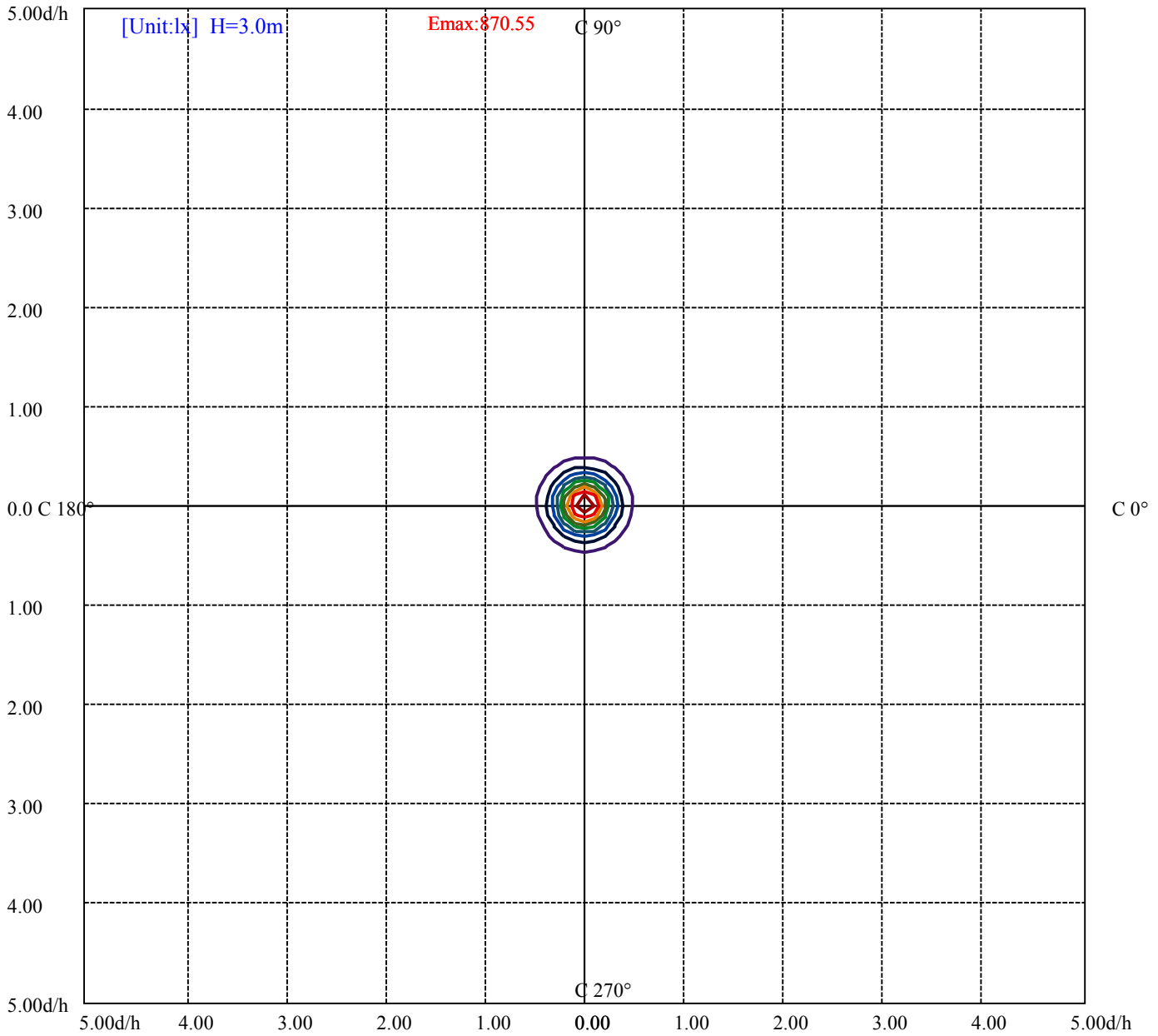


C30(Max): ——
C0/C180: ——
C90/C270: ——



Max , Ave C30面光束角29.33

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平面等照度曲线



(10%Emax) 87.05456	——
(20%Emax) 174.1089	——
(30%Emax) 261.1633	——
(40%Emax) 348.2178	——
(50%Emax) 435.2722	——
(60%Emax) 522.3267	——
(70%Emax) 609.3811	——
(80%Emax) 696.4355	——
(90%Emax) 783.4911	——

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ROLED 投光灯

灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

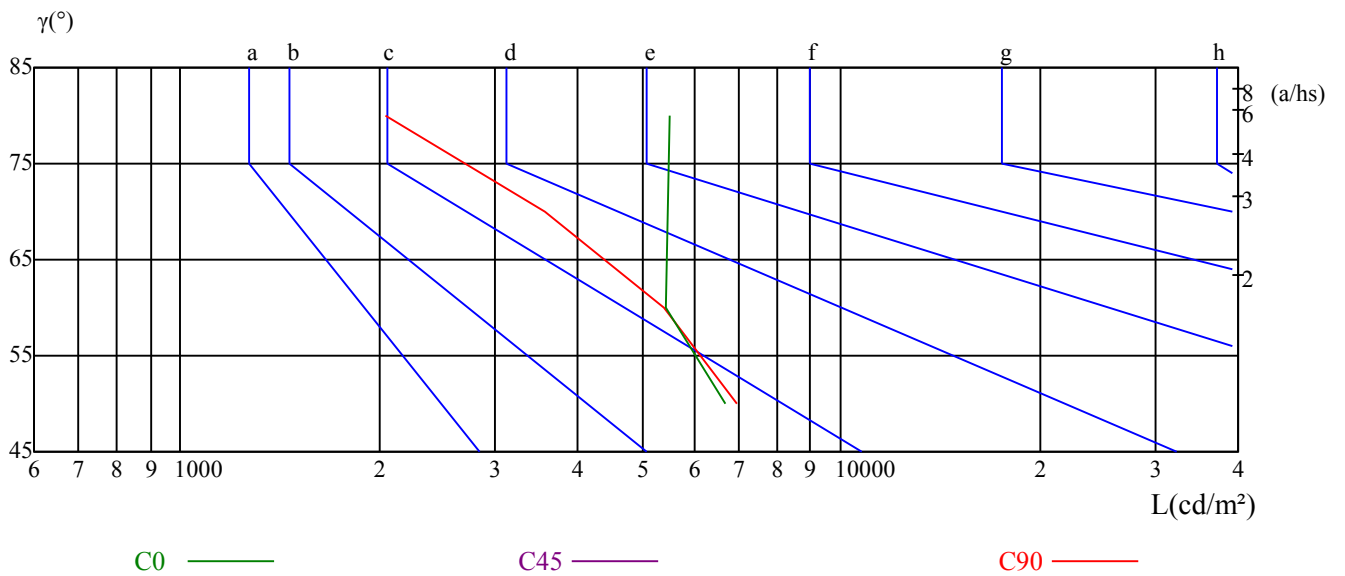
γ	45	50	55	60	65	70	75	80	85
C0	0	6669	0	5423	0	5484	0	5512	0
C45	0	0	0	0	0	0	0	0	0
C90	0	6977	0	5410	0	3565	0	2038	0

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	10.24	11.33	10.61	11.64	11.96	10.50	11.58	10.86	11.90	12.21
	3H	11.18	12.15	11.57	12.48	12.84	12.35	13.32	12.74	13.65	14.02
	4H	11.33	12.22	11.74	12.58	12.96	13.14	14.04	13.55	14.39	14.78
	6H	11.38	12.20	11.80	12.57	12.97	13.70	14.52	14.12	14.90	15.29
	8H	11.39	12.16	11.83	12.56	12.96	13.88	14.65	14.32	15.05	15.45
	12H	11.44	12.17	11.87	12.56	12.99	14.10	14.83	14.53	15.22	15.65
4H	2H	10.80	11.69	11.20	12.04	12.43	11.00	11.89	11.40	12.24	12.63
	3H	11.86	12.59	12.28	13.00	13.41	13.15	13.88	13.56	14.29	14.69
	4H	12.05	12.70	12.48	13.12	13.57	14.06	14.71	14.50	15.14	15.58
	6H	12.11	12.67	12.58	13.12	13.59	14.59	15.15	15.06	15.60	16.07
	8H	12.13	12.65	12.60	13.10	13.58	14.79	15.31	15.26	15.76	16.23
	12H	12.19	12.64	12.68	13.13	13.60	14.99	15.45	15.48	15.93	16.41
8H	4H	12.32	12.84	12.79	13.29	13.76	14.12	14.64	14.59	15.09	15.57
	6H	12.41	12.83	12.92	13.33	13.81	14.70	15.12	15.21	15.62	16.10
	8H	12.45	12.82	12.98	13.34	13.84	14.93	15.30	15.46	15.83	16.32
	12H	13.22	13.54	13.74	14.04	14.62	15.63	15.95	16.15	16.45	17.03
12H	4H	12.31	12.76	12.80	13.25	13.73	14.07	14.52	14.56	15.01	15.49
	6H	12.78	12.79	12.95	13.26	13.81	15.02	15.03	15.19	15.50	16.05
	8H	12.49	12.81	13.01	13.31	13.89	14.91	15.24	15.44	15.73	16.31
对应照射距离，改变观察者位置S											
S = 1.0H	0.7/-0.8					0.5/-0.6					
S = 1.5H	1.4/-1.3					0.9/-0.9					
S = 2.0H	3.2/-2.0					1.8/-1.0					
标准表格	BK3					BK3					
更正系数	-0.6					0.2					

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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	7811.89	7736.68	7496.50	7059.09	6479.72	5789.85	4971.83	4172.22	3378.76
30.0	7837.21	7805.75	7585.51	7220.24	6659.29	5944.86	5187.46	4351.79	3529.93
60.0	7832.61	7793.47	7570.93	7201.06	6628.59	5949.47	5157.53	4357.16	3507.68
90.0	7817.26	7817.26	7640.00	7287.77	6764.42	6067.64	5317.15	4473.03	3638.13
120.0	7822.63	7779.66	7554.82	7171.90	6638.57	5935.65	5147.56	4304.21	3538.37
150.0	7811.89	7765.08	7548.68	7159.62	6609.41	5908.03	5163.67	4334.14	3516.12
180.0	7811.89	7701.39	7394.44	6963.94	6347.73	5648.65	4855.19	4023.35	3280.53
210.0	7837.21	7688.34	7357.60	6871.08	6261.79	5483.67	4661.81	3880.62	3093.29
240.0	7832.61	7684.50	7356.07	6883.36	6248.74	5519.74	4673.32	3866.04	3090.99
270.0	7817.26	7627.72	7277.79	6753.68	6106.01	5301.03	4463.83	3645.04	2913.73
300.0	7822.63	7682.20	7357.60	6857.27	6248.74	5479.83	4639.56	3876.78	3105.57
330.0	7811.89	7668.39	7358.37	6873.39	6229.56	5449.14	4675.62	3859.13	3115.55
360.0	7811.89	7736.68	7496.50	7059.09	6479.72	5789.85	4971.83	4172.22	3378.76
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	2689.65	2098.01	1632.98	1250.82	984.54	781.96	631.55	526.42	438.94
30.0	2797.85	2197.00	1682.86	1297.63	1022.14	808.81	653.04	534.86	448.15
60.0	2811.67	2173.21	1619.16	1307.23	1016.24	817.10	661.71	542.84	453.06
90.0	2921.40	2265.29	1730.43	1332.16	1045.93	825.70	672.22	547.91	454.29
120.0	2812.43	2207.74	1695.90	1314.05	1021.84	821.40	664.16	543.84	456.97
150.0	2820.11	2189.32	1700.51	1294.56	1019.08	804.98	655.34	534.86	443.54
180.0	2590.66	1999.78	1524.01	1207.77	944.03	760.78	617.74	508.31	425.13
210.0	2425.68	1872.40	1458.55	1132.03	901.44	717.65	585.35	488.74	408.55
240.0	2434.88	1887.74	1448.04	1131.11	897.83	721.33	587.81	493.42	415.92
270.0	2269.13	1745.78	1361.63	1061.51	853.32	677.44	561.57	467.41	396.96
300.0	2450.23	1877.00	1461.08	1128.81	908.57	730.54	594.72	500.33	421.29
330.0	2447.93	1894.65	1478.20	1148.38	906.65	723.10	596.48	493.50	416.45
360.0	2689.65	2098.01	1632.98	1250.82	984.54	781.96	631.55	526.42	438.94
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	387.52	323.68	279.94	244.33	216.55	191.31	170.51	154.32	139.36
30.0	387.52	329.05	285.31	249.78	222.08	197.68	178.03	161.61	148.33
60.0	387.91	333.27	291.68	255.69	225.76	201.13	180.95	164.37	149.10
90.0	389.83	333.12	288.99	253.46	225.38	200.29	180.26	161.46	145.95
120.0	387.37	332.66	289.07	255.00	224.76	201.28	180.95	163.60	149.10
150.0	389.83	324.83	281.24	246.48	219.09	195.07	176.50	160.30	146.57
180.0	364.20	312.94	271.80	239.34	210.72	186.78	167.13	151.10	136.75
210.0	349.31	302.12	264.82	233.90	209.19	187.09	169.67	154.86	141.66
240.0	356.68	312.32	272.57	241.19	213.48	191.92	172.81	157.24	141.50
270.0	341.10	296.67	260.68	230.67	205.04	182.25	164.06	147.87	132.99
300.0	361.20	313.55	275.10	241.34	215.48	192.38	172.81	156.08	141.04
330.0	355.76	307.33	268.66	236.58	209.95	187.47	170.36	155.09	141.58
360.0	387.52	323.68	279.94	244.33	216.55	191.31	170.51	154.32	139.36
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	126.54	115.72	106.28	97.61	90.55	83.80	78.04	72.75	67.53
30.0	136.13	126.08	116.64	108.28	100.91	94.16	87.10	80.50	74.28
60.0	135.29	123.70	112.80	103.21	93.77	84.72	75.05	65.15	51.26
90.0	132.14	120.63	108.89	97.38	86.87	75.82	64.08	52.49	43.89
120.0	134.90	122.70	111.96	102.67	93.31	83.72	74.82	64.69	50.95
150.0	134.67	124.78	115.49	107.20	100.37	93.39	86.87	79.88	73.74
180.0	124.47	114.34	104.75	96.38	88.94	82.72	77.20	72.21	66.84
210.0	131.14	121.17	112.57	104.67	97.23	90.17	83.11	76.51	69.68
240.0	128.31	117.49	106.74	96.77	86.87	77.20	66.92	54.48	41.67
270.0	121.09	108.35	95.85	84.41	73.44	60.85	50.34	41.67	32.69
300.0	127.54	116.03	105.74	95.77	85.95	75.89	66.15	52.87	40.75
330.0	130.76	120.71	111.50	103.67	96.69	89.17	82.49	76.05	69.22
360.0	126.54	115.72	106.28	97.61	90.55	83.80	78.04	72.75	67.53

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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	62.00	56.02	49.11	41.90	34.46	27.01	18.65	10.05	3.53
30.0	67.30	59.39	49.96	39.06	20.80	11.05	5.14	3.30	2.46
60.0	39.90	30.70	21.95	13.28	10.44	8.21	6.75	5.68	3.22
90.0	34.99	26.17	18.11	14.35	12.74	9.52	8.90	7.06	3.91
120.0	39.60	31.00	21.79	13.43	10.51	8.21	6.68	5.68	3.22
150.0	66.68	59.32	50.03	38.75	21.26	11.05	5.06	3.38	2.38
180.0	61.31	54.87	48.34	41.13	33.61	26.47	18.03	9.75	3.30
210.0	62.54	53.56	43.43	26.32	13.97	5.99	4.07	2.92	1.53
240.0	32.61	24.02	14.50	10.67	8.75	6.68	6.06	3.84	1.23
270.0	24.40	16.73	13.66	11.82	9.13	8.75	6.60	3.53	0.69
300.0	32.15	23.40	14.20	10.51	8.67	6.68	5.91	3.76	1.07
330.0	62.00	52.64	42.59	24.25	13.74	5.76	3.91	2.92	1.30
360.0	62.00	56.02	49.11	41.90	34.46	27.01	18.65	10.05	3.53
C/γ(°)	90.0								
0.0	0.15								
30.0	0.54								
60.0	0.69								
90.0	0.92								
120.0	0.77								
150.0	0.61								
180.0	0.15								
210.0	0.15								
240.0	0.08								
270.0	0.08								
300.0	0.15								
330.0	0.15								
360.0	0.15								