

浙大三色

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ROLED

灯具名称: 投光灯

灯具描述: F3463A-48-24DC(2515-OL-48WN-AA,L1000mm,C,CT)

报告编号:

电压(V): 24.4000

测试编号: 20210309001

电流(A): 2.0260

光源规格型号: OL

功率(W): 49.5000

每个光源光通量(lm)

功率因数: 1.0240

光源数量: 48

镇流器型号:

发光面长度(mm): 990

发光面宽度(mm): 70

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 5250.18

灯具效能(lm/w): 106.06

中心光强(cd): 29336.790

最大光强(cd): 30955.950

最大光强角度: C=330.0 $\gamma=2.0$

半峰边角(50%Imax): [C0/180]Total=25.8

[C90/270]Total=11.0

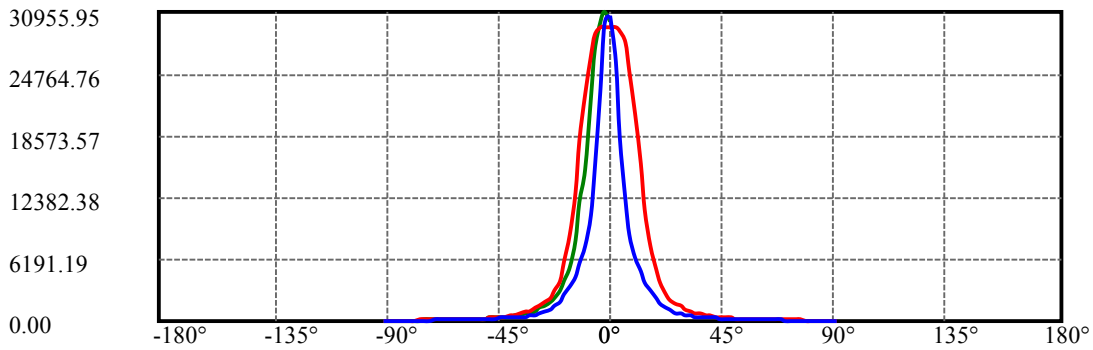
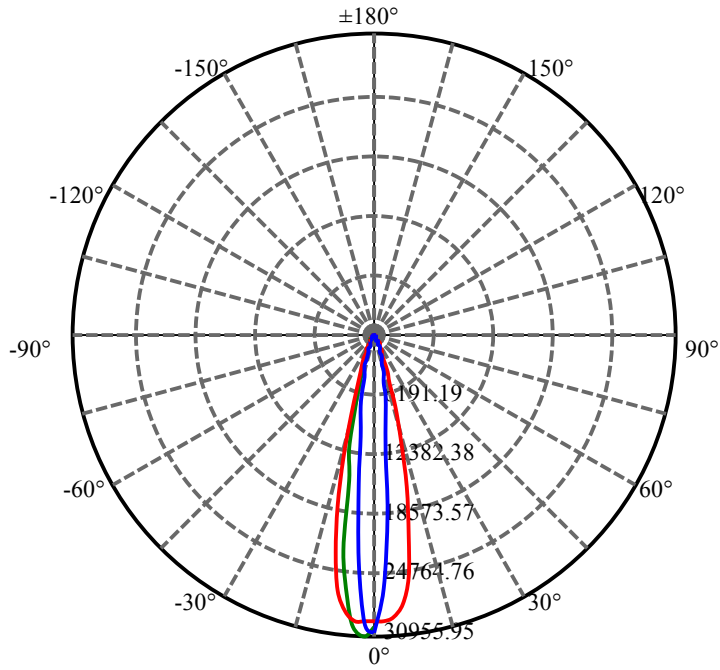
光束扩散角(10%Imax): [C0/180]Total=43.8

[C90/270]Total=32.8

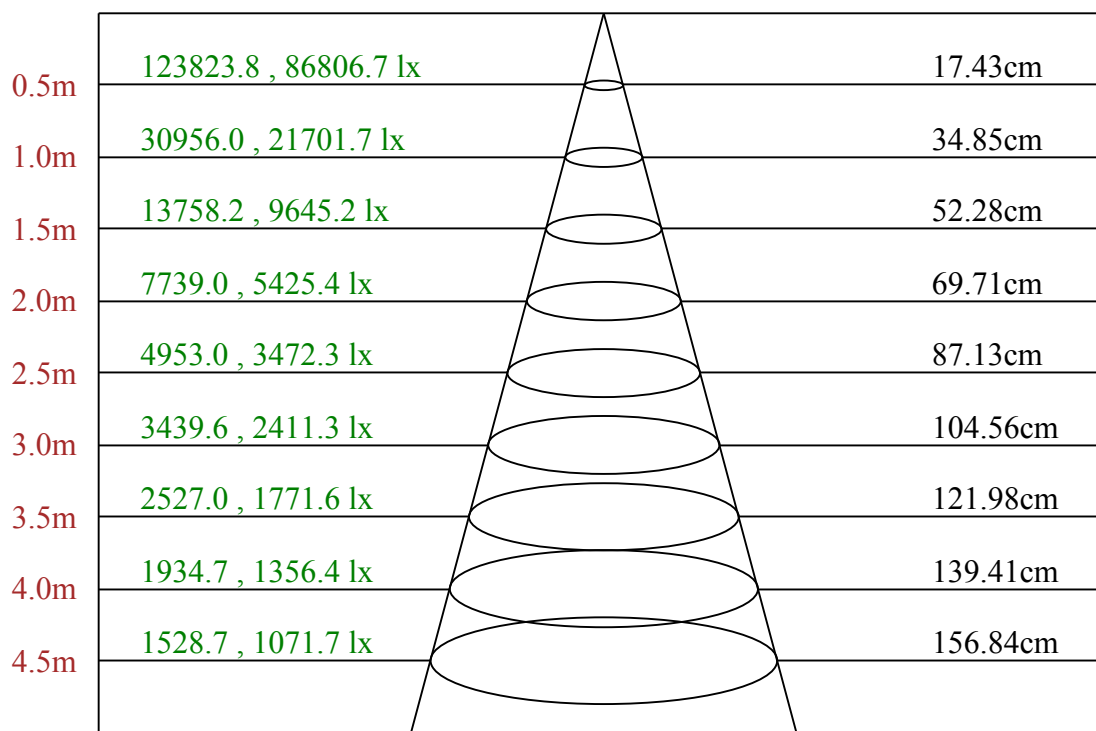
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/3/9
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

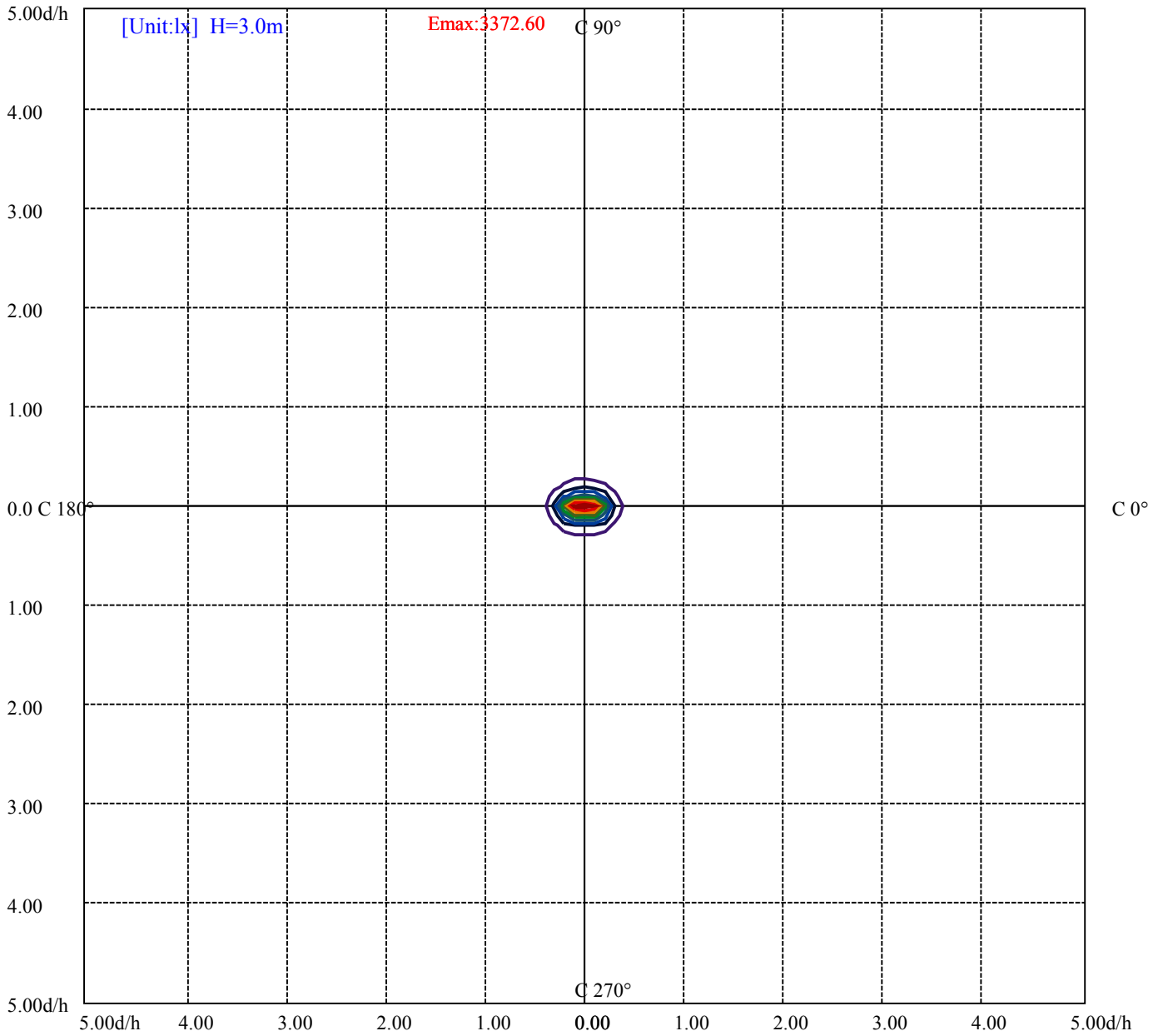


C330(Max): —
C0/C180: —
C90/C270: —



Max , Ave C330面光束角19.77

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平面等照度曲线



- (10%Emax) 337.2589
- (20%Emax) 674.5178
- (30%Emax) 1011.777
- (40%Emax) 1349.033
- (50%Emax) 1686.3
- (60%Emax) 2023.556
- (70%Emax) 2360.811
- (80%Emax) 2698.067
- (90%Emax) 3035.333

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灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

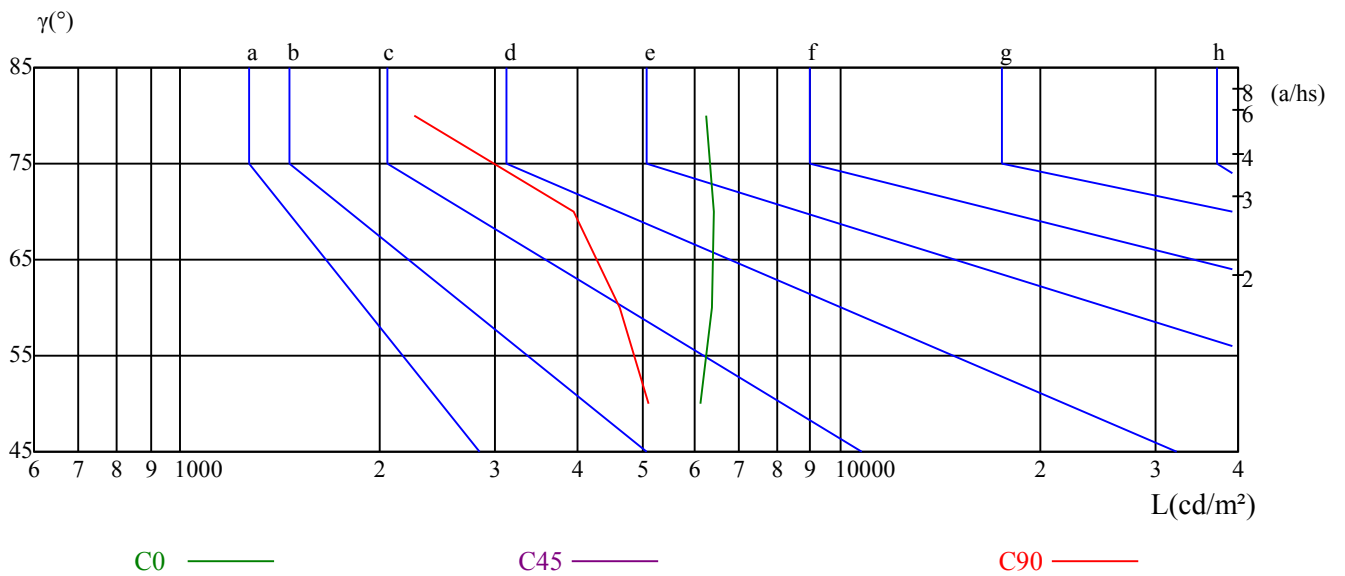
γ	45	50	55	60	65	70	75	80	85
C0	0	6145	0	6385	0	6417	0	6262	0
C45	0	0	0	0	0	0	0	0	0
C90	0	5127	0	4637	0	3953	0	2257	0

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	7.72	8.79	8.08	9.10	9.42	8.78	9.85	9.14	10.17	10.48
	3H	9.24	10.19	9.62	10.52	10.89	10.94	11.90	11.33	12.23	12.60
	4H	9.80	10.68	10.20	11.04	11.43	11.79	12.67	12.19	13.02	13.41
	6H	10.10	10.91	10.51	11.28	11.68	12.44	13.25	12.85	13.62	14.02
	8H	10.15	10.92	10.59	11.31	11.72	12.68	13.44	13.11	13.83	14.24
	12H	10.22	10.95	10.65	11.33	11.76	13.01	13.74	13.44	14.12	14.55
4H	2H	8.48	9.36	8.89	9.72	10.11	9.29	10.18	9.70	10.53	10.92
	3H	10.16	10.89	10.58	11.30	11.70	11.68	12.41	12.09	12.81	13.22
	4H	10.80	11.46	11.24	11.88	12.33	12.63	13.28	13.07	13.70	14.15
	6H	11.12	11.68	11.59	12.13	12.60	13.26	13.82	13.73	14.27	14.75
	8H	11.20	11.72	11.68	12.17	12.65	13.56	14.08	14.03	14.53	15.00
	12H	11.27	11.72	11.76	12.21	12.69	13.90	14.35	14.39	14.84	15.32
8H	4H	11.17	11.69	11.65	12.14	12.62	12.77	13.29	13.25	13.74	14.22
	6H	11.61	12.02	12.11	12.52	13.01	13.52	13.94	14.03	14.44	14.92
	8H	11.74	12.11	12.27	12.63	13.13	13.88	14.25	14.41	14.77	15.27
	12H	12.36	12.68	12.88	13.17	13.75	14.70	15.02	15.22	15.52	16.10
12H	4H	11.20	11.65	11.69	12.14	12.62	12.75	13.20	13.24	13.69	14.16
	6H	12.03	12.04	12.21	12.51	13.06	13.87	13.89	14.05	14.36	14.91
	8H	11.85	12.17	12.37	12.67	13.25	13.92	14.24	14.44	14.73	15.31
对应照射距离，改变观察者位置S											
S = 1.0H	0.3/-0.6					0.4/-0.6					
S = 1.5H	0.7/-0.8					0.8/-0.6					
S = 2.0H	1.3/-1.1					1.2/-0.7					
标准表格	BK4					BK3					
更正系数	-0.8					0.6					

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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	29336.78	29367.48	29106.57	27840.40	25008.78	20811.24	15830.97	11119.28	7566.33
30.0	30372.74	28277.81	25047.15	20711.48	16306.74	11932.70	8448.81	6062.27	4527.52
60.0	30334.37	25921.96	19284.16	13319.35	9401.89	6818.14	5198.21	4080.14	3169.26
90.0	30549.24	25960.33	18478.41	12201.28	8594.61	6399.92	5003.29	3882.92	3006.58
120.0	30157.88	25607.34	19069.29	13479.73	9368.13	6920.96	5276.48	4088.58	3176.94
150.0	30035.10	27901.79	24617.42	20473.59	16022.81	11917.35	8425.79	5970.19	4389.39
180.0	29336.78	29405.85	29382.83	28638.47	26497.49	22668.29	18025.66	12917.24	8674.42
210.0	30372.74	30948.27	29643.73	26627.95	21778.13	15284.60	11623.44	7818.79	5456.04
240.0	30334.37	30426.46	25975.68	19752.26	13613.25	9185.49	6568.74	5003.29	3921.29
270.0	30549.24	29543.98	23236.15	15183.30	10617.41	7461.20	5703.14	4377.88	3378.76
300.0	30157.88	30549.24	26367.04	20235.71	13958.57	9530.81	6752.91	5018.64	3928.97
330.0	30035.10	30955.95	30004.40	27142.09	22307.62	15170.26	11947.28	8008.34	5462.18
360.0	29336.78	29367.48	29106.57	27840.40	25008.78	20811.24	15830.97	11119.28	7566.33
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	5118.40	3890.60	2723.42	2176.28	1754.99	1442.67	1191.73	986.08	821.09
30.0	3457.80	2715.74	2187.79	1764.20	1442.67	1199.41	989.92	824.16	697.54
60.0	2470.95	1926.88	1515.34	1216.83	988.92	807.66	674.98	572.92	497.49
90.0	2308.27	1786.45	1361.33	1058.98	857.93	702.15	583.97	498.03	437.40
120.0	2508.55	1955.27	1519.79	1234.63	993.60	819.79	684.81	581.29	500.48
150.0	3321.20	2626.73	2066.54	1685.93	1382.81	1163.34	973.03	816.49	691.41
180.0	5901.12	4076.30	2994.30	2331.29	1888.51	1527.23	1276.68	1051.38	867.90
210.0	3946.61	2981.26	2342.80	1904.63	1517.95	1273.77	1063.58	877.42	738.60
240.0	2968.21	2343.57	1823.29	1458.01	1147.99	931.59	767.38	649.20	550.98
270.0	2644.38	1987.50	1530.07	1195.88	951.85	772.90	641.60	542.92	467.56
300.0	3008.88	2342.03	1840.94	1452.64	1157.97	940.80	768.91	649.97	551.74
330.0	3982.68	2981.26	2328.22	1882.37	1528.61	1252.36	1044.71	862.68	721.49
360.0	5118.40	3890.60	2723.42	2176.28	1754.99	1442.67	1191.73	986.08	821.09
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	686.80	577.07	488.05	422.82	378.09	328.21	297.05	273.72	256.30
30.0	588.58	501.10	432.80	389.83	342.10	311.71	287.23	268.58	254.62
60.0	435.49	387.22	350.84	320.38	296.82	275.79	260.52	246.33	233.59
90.0	389.83	356.98	327.06	302.19	281.70	262.14	244.03	228.37	214.48
120.0	440.70	391.59	352.84	323.60	298.13	277.79	261.21	247.79	235.51
150.0	580.14	490.35	415.92	359.44	313.93	283.78	263.06	245.79	233.97
180.0	722.71	612.37	519.82	446.92	390.52	343.40	309.18	280.40	260.22
210.0	616.05	524.19	449.99	395.05	348.54	315.01	290.68	270.12	255.15
240.0	478.08	422.06	388.29	341.10	312.17	288.99	270.04	254.92	241.03
270.0	413.00	371.26	340.41	313.24	290.38	270.50	252.08	234.59	219.62
300.0	481.91	422.82	388.29	344.78	315.47	291.22	272.03	256.92	243.41
330.0	614.05	518.82	446.15	392.51	347.54	314.47	289.15	270.04	255.54
360.0	686.80	577.07	488.05	422.82	378.09	328.21	297.05	273.72	256.30
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	245.33	237.81	230.37	221.23	207.73	193.92	181.56	168.75	152.09
30.0	244.03	234.51	226.15	215.86	204.05	190.62	177.26	162.30	146.80
60.0	221.93	210.03	199.06	186.24	172.35	154.70	136.82	121.48	105.36
90.0	200.75	188.62	174.81	160.69	145.11	132.91	119.71	106.44	93.70
120.0	223.77	212.79	200.98	188.01	173.04	156.16	137.36	122.86	106.74
150.0	229.45	224.46	216.78	209.42	198.29	187.01	170.82	159.23	144.73
180.0	244.18	234.13	227.22	220.01	211.03	197.91	182.18	166.67	155.55
210.0	243.41	233.97	224.92	214.64	202.74	190.00	176.34	161.46	147.18
240.0	228.75	216.09	203.58	192.30	179.49	164.91	147.57	131.22	115.64
270.0	205.20	191.69	179.11	165.83	151.63	137.90	125.31	111.96	99.22
300.0	232.36	219.39	207.88	195.37	182.02	165.75	147.26	130.99	116.10
330.0	244.79	235.66	227.68	218.16	205.89	191.84	177.26	162.30	146.80
360.0	245.33	237.81	230.37	221.23	207.73	193.92	181.56	168.75	152.09

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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	137.05	122.47	106.13	91.32	75.36	62.31	48.42	31.00	11.97
30.0	131.07	113.03	90.40	70.91	54.56	41.82	29.01	8.82	4.22
60.0	89.71	75.28	64.92	53.10	34.46	18.88	13.51	8.44	4.76
90.0	81.73	72.82	61.70	46.43	27.17	19.88	13.43	9.59	5.06
120.0	90.17	75.05	65.53	54.25	35.45	19.34	14.04	8.59	5.37
150.0	127.08	112.80	89.48	70.52	54.79	41.90	29.93	9.36	4.68
180.0	140.28	123.39	109.20	93.08	77.43	63.39	47.88	32.00	17.50
210.0	131.37	114.57	93.39	72.98	56.25	43.82	32.92	10.28	5.06
240.0	100.91	84.87	72.13	62.62	50.95	29.77	17.57	11.97	7.98
270.0	87.25	77.27	68.30	57.02	36.45	22.25	17.73	10.67	8.52
300.0	100.76	83.49	71.67	61.47	50.42	27.70	17.04	11.05	7.67
330.0	130.61	112.04	89.78	70.14	54.25	42.67	29.93	9.06	4.53
360.0	137.05	122.47	106.13	91.32	75.36	62.31	48.42	31.00	11.97
C/γ(°)	90.0								
0.0	0.77								
30.0	0.84								
60.0	0.38								
90.0	0.31								
120.0	0.31								
150.0	1.61								
180.0	2.46								
210.0	2.23								
240.0	3.38								
270.0	3.22								
300.0	2.69								
330.0	1.76								
360.0	0.77								