

浙大三色

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ROLED

灯具名称: 投光灯

灯具描述: F1018A-36-UN(45-OL-36WN-AA, CT)

报告编号:

电压(V): 201.8000

测试编号: 20210301007

电流(A): 0.1990

光源规格型号: OL

功率(W): 39.2000

每个光源光通量(lm)

功率因数: 0.9770

光源数量: 36

镇流器型号:

发光面长度(mm): 156

发光面宽度(mm): 156

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 3628.12

灯具效能(lm/w): 92.55

中心光强(cd): 4509.102

最大光强(cd): 4521.379

最大光强角度: C=120.0 γ =2.0

半峰边角(50%Imax): [C0/180]Total=44.2

[C90/270]Total=44.1

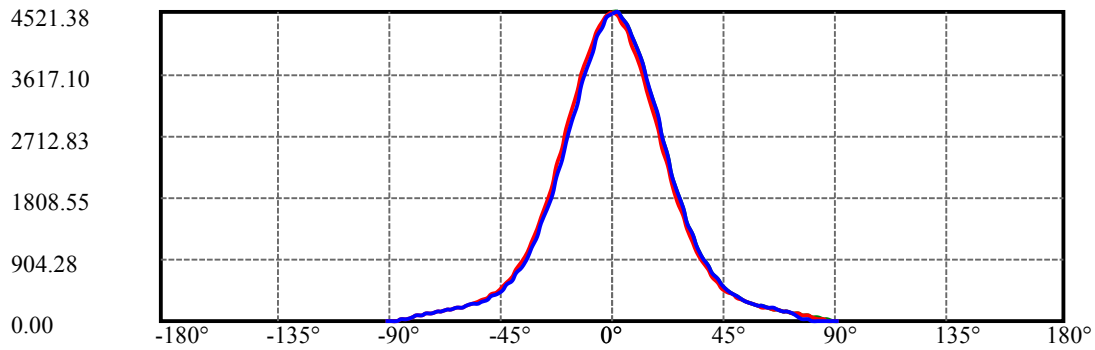
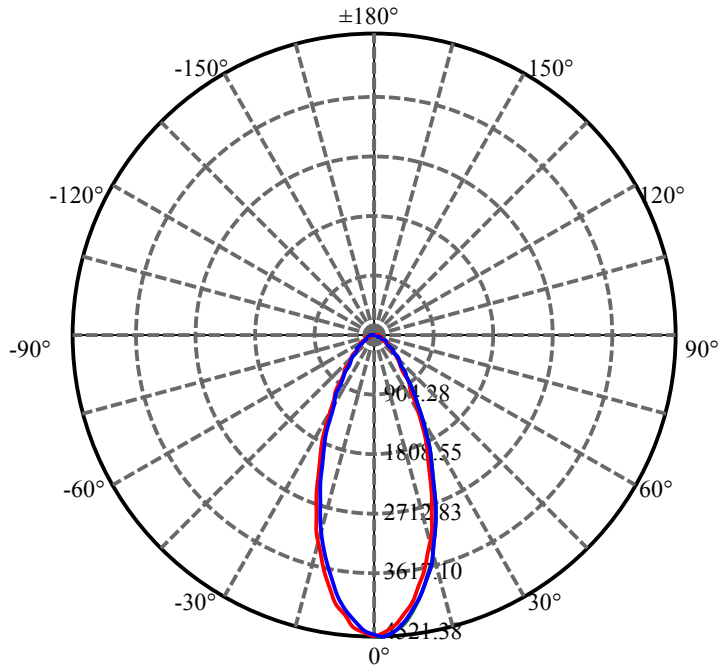
光束扩散角(10%Imax): [C0/180]Total=90.8

[C90/270]Total=90.7

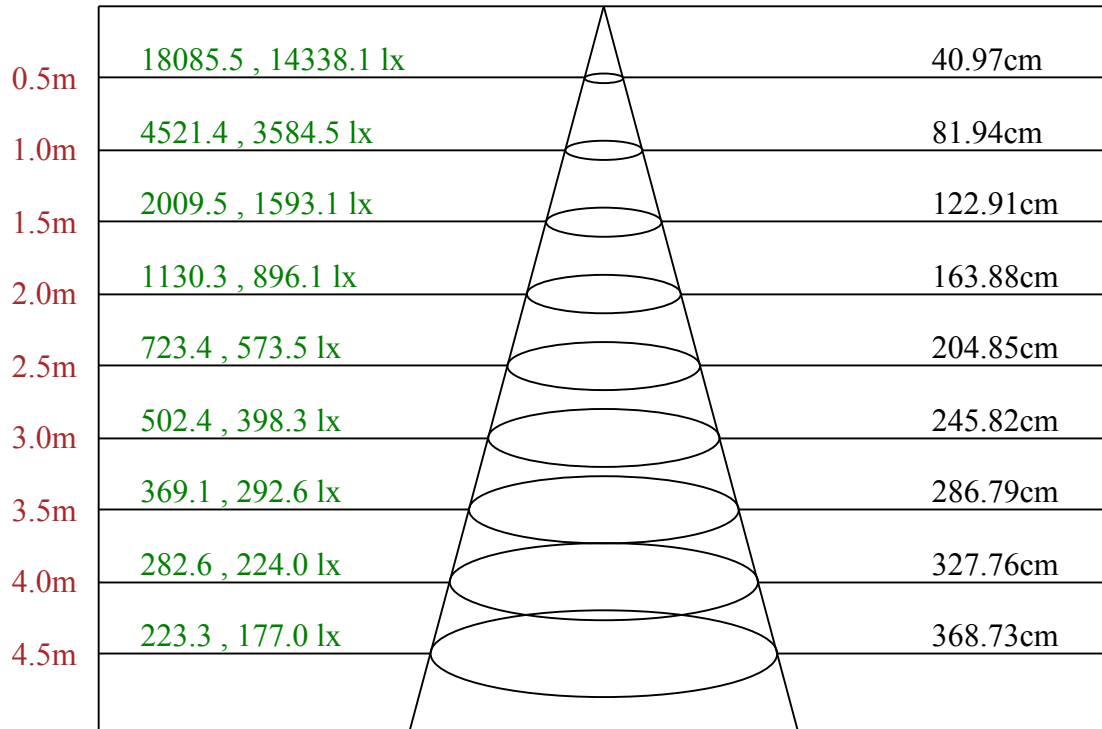
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/3/1
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

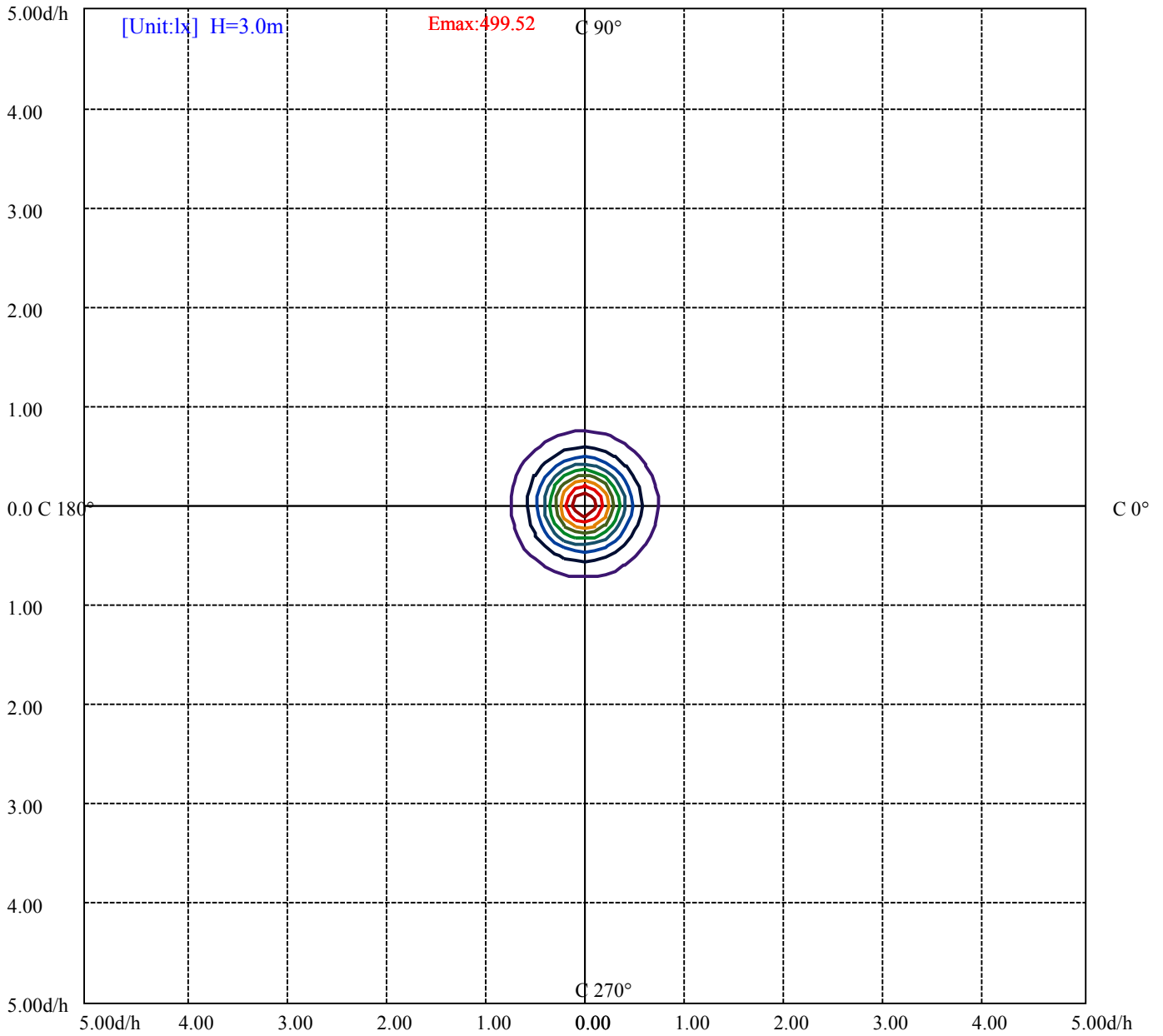


C120(Max): ——
C0/C180: ——
C90/C270: ——



Max , Ave C120面光束角44.54

ROLED 投光灯
平面等照度曲线



(10%Emax) 49.95189	——
(20%Emax) 99.90378	——
(30%Emax) 149.8555	——
(40%Emax) 199.8078	——
(50%Emax) 249.76	——
(60%Emax) 299.7111	——
(70%Emax) 349.6633	——
(80%Emax) 399.6156	——
(90%Emax) 449.5667	——

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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

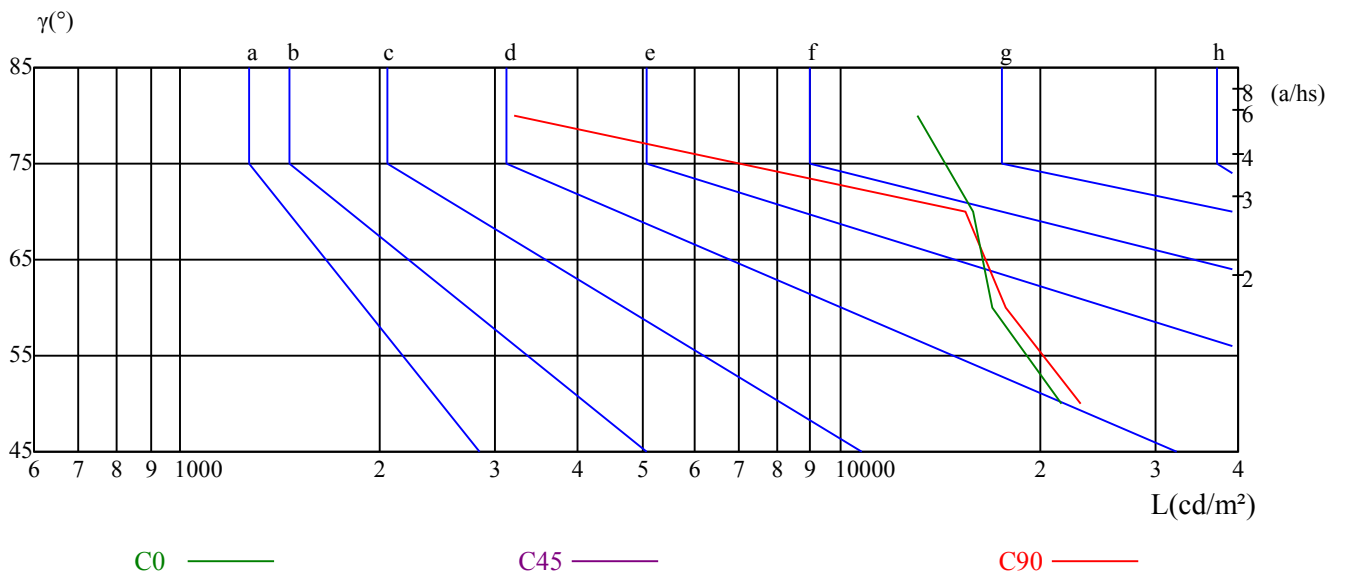
γ	45	50	55	60	65	70	75	80	85
C0	0	21575	0	16933	0	15858	0	13038	0
C45	0	0	0	0	0	0	0	0	0
C90	0	23125	0	17803	0	15498	0	3196	0

L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
164610	176634	0	145846	156128	0	48589	49964	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	15.00	16.23	15.37	16.55	16.86	14.86	16.09	15.22	16.40	16.71
	3H	16.72	17.81	17.10	18.15	18.51	16.59	17.69	16.97	18.02	18.38
	4H	17.24	18.25	17.64	18.61	18.99	17.27	18.29	17.68	18.65	19.03
	6H	17.50	18.44	17.92	18.81	19.20	17.76	18.69	18.17	19.06	19.46
	8H	17.54	18.43	17.97	18.82	19.23	17.88	18.77	18.31	19.16	19.56
	12H	17.57	18.42	18.00	18.80	19.23	17.98	18.83	18.41	19.21	19.64
4H	2H	15.51	16.53	15.91	16.88	17.26	15.39	16.41	15.79	16.76	17.14
	3H	17.48	18.32	17.89	18.72	19.13	17.35	18.19	17.76	18.59	19.00
	4H	18.14	18.90	18.58	19.32	19.76	18.16	18.91	18.60	19.33	19.78
	6H	18.46	19.11	18.93	19.56	20.03	18.66	19.31	19.13	19.76	20.23
	8H	18.54	19.14	19.01	19.59	20.06	18.83	19.43	19.30	19.88	20.35
	12H	18.57	19.10	19.06	19.58	20.06	18.93	19.46	19.42	19.95	20.42
8H	4H	18.42	19.03	18.89	19.48	19.95	18.44	19.04	18.91	19.49	19.96
	6H	18.91	19.40	19.41	19.89	20.38	19.07	19.56	19.58	20.06	20.54
	8H	19.05	19.48	19.57	20.00	20.49	19.30	19.73	19.82	20.25	20.75
	12H	19.62	20.00	20.14	20.50	21.07	19.88	20.26	20.39	20.75	21.33
12H	4H	18.43	18.96	18.92	19.45	19.92	18.45	18.98	18.93	19.46	19.94
	6H	19.47	19.39	19.48	19.86	20.40	19.63	19.55	19.65	20.02	20.57
	8H	19.14	19.52	19.66	20.02	20.59	19.38	19.76	19.90	20.26	20.83
对应照射距离，改变观察者位置S											
S = 1.0H	0.6/-0.8					0.5/-0.8					
S = 1.5H	1.3/-1.2					1.1/-1.0					
S = 2.0H	2.9/-1.2					2.3/-1.1					
标准表格	BK3					BK3					
更正系数	5.4					5.6					

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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	4509.10	4467.66	4362.53	4226.71	4049.44	3843.02	3606.67	3356.50	3090.99
30.0	4492.22	4443.11	4354.09	4225.17	4054.05	3858.37	3619.71	3368.78	3088.69
60.0	4499.13	4480.71	4396.30	4257.40	4097.02	3895.97	3675.73	3414.82	3159.29
90.0	4502.96	4516.01	4443.11	4320.33	4172.22	3984.98	3764.75	3527.63	3261.35
120.0	4516.78	4521.38	4443.87	4332.60	4179.13	3988.82	3757.84	3517.65	3246.00
150.0	4508.33	4514.47	4435.43	4308.05	4142.30	3948.15	3724.84	3489.26	3229.12
180.0	4509.10	4473.80	4378.65	4234.38	4067.09	3855.30	3608.97	3361.87	3087.92
210.0	4492.22	4458.45	4363.30	4230.54	4060.95	3860.67	3633.53	3380.29	3111.71
240.0	4499.13	4447.71	4337.98	4182.97	4001.87	3787.77	3546.04	3285.14	3035.74
270.0	4502.96	4425.46	4302.68	4143.83	3941.24	3707.96	3443.22	3186.91	2910.66
300.0	4516.78	4435.43	4312.65	4161.48	3951.99	3737.89	3483.89	3206.86	2944.42
330.0	4508.33	4430.06	4301.14	4145.37	3940.48	3727.91	3473.91	3216.07	2959.00
360.0	4509.10	4467.66	4362.53	4226.71	4049.44	3843.02	3606.67	3356.50	3090.99
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	2811.67	2535.41	2263.76	2012.06	1748.08	1538.59	1335.23	1151.06	1003.73
30.0	2803.22	2510.85	2245.34	1979.06	1733.50	1520.17	1319.89	1148.76	986.08
60.0	2876.13	2591.43	2319.78	2047.36	1807.94	1524.62	1383.81	1196.11	1038.49
90.0	2995.07	2705.77	2420.30	2144.05	1882.37	1656.00	1441.13	1256.19	1085.84
120.0	2972.81	2685.82	2401.12	2124.10	1880.07	1642.95	1435.07	1252.66	1082.38
150.0	2971.28	2688.89	2407.26	2135.61	1875.47	1649.09	1436.53	1251.59	1079.70
180.0	2805.53	2525.43	2262.22	1995.94	1750.38	1525.93	1342.52	1162.50	1006.03
210.0	2824.71	2561.50	2288.32	2031.24	1784.15	1521.78	1357.56	1185.83	1026.98
240.0	2761.79	2478.62	2224.62	1961.41	1723.53	1508.66	1316.05	1134.18	986.85
270.0	2625.19	2365.82	2099.54	1840.17	1621.47	1419.65	1224.96	1069.42	925.99
300.0	2659.73	2387.31	2108.75	1867.03	1628.37	1429.62	1238.54	1066.65	930.83
330.0	2674.31	2410.33	2137.91	1886.21	1648.32	1445.20	1247.91	1078.93	939.19
360.0	2811.67	2535.41	2263.76	2012.06	1748.08	1538.59	1335.23	1151.06	1003.73
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	864.83	749.73	645.36	561.72	488.82	431.27	387.52	337.49	303.57
30.0	857.16	739.75	639.99	557.88	486.52	428.20	389.83	336.49	300.58
60.0	895.83	773.75	673.53	583.13	510.69	443.39	391.82	347.01	311.09
90.0	936.97	807.28	702.15	606.23	525.65	461.96	405.17	361.74	319.77
120.0	933.97	806.36	700.77	606.00	530.26	462.65	406.25	359.06	319.61
150.0	931.59	802.68	697.54	600.86	518.75	449.68	388.29	340.10	297.13
180.0	874.81	755.40	657.64	570.08	496.49	434.80	385.22	341.41	304.96
210.0	883.86	771.75	668.38	581.52	507.31	444.62	390.59	349.62	312.86
240.0	851.79	735.91	644.60	559.42	487.28	428.20	388.29	338.95	305.65
270.0	796.38	694.94	602.70	522.35	458.20	405.94	358.44	320.53	289.91
300.0	804.21	692.17	600.09	525.65	458.12	405.94	360.28	320.92	288.61
330.0	808.20	705.53	612.37	530.03	463.96	409.78	360.44	322.76	289.15
360.0	864.83	749.73	645.36	561.72	488.82	431.27	387.52	337.49	303.57
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	272.57	246.33	224.61	206.04	188.93	174.73	160.00	145.65	131.99
30.0	272.03	246.40	224.38	206.58	190.00	174.73	160.61	147.26	133.14
60.0	278.94	252.01	229.98	210.11	193.00	177.34	163.30	148.79	134.37
90.0	288.38	260.06	237.12	216.63	198.90	183.79	169.28	153.86	129.00
120.0	287.84	259.60	236.66	216.09	197.98	181.87	167.75	153.32	139.97
150.0	262.37	233.36	211.03	192.53	176.50	161.69	147.64	134.44	121.86
180.0	275.56	249.17	227.60	206.73	190.46	174.81	160.69	146.26	131.99
210.0	281.09	256.46	233.74	213.48	196.60	181.79	166.52	152.71	139.05
240.0	273.65	249.40	227.60	209.11	192.30	177.34	163.14	148.49	134.29
270.0	261.83	239.57	218.47	201.59	186.40	172.97	158.77	145.72	133.45
300.0	261.83	237.73	217.78	200.59	184.48	169.97	155.70	142.66	128.84
330.0	259.76	236.58	214.33	196.68	180.87	165.91	152.02	138.36	125.08
360.0	272.57	246.33	224.61	206.04	188.93	174.73	160.00	145.65	131.99

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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	118.10	102.44	86.25	70.75	55.10	38.91	21.95	6.91	1.38
30.0	119.25	103.60	87.02	72.13	55.56	38.06	20.72	4.60	1.07
60.0	120.25	104.44	88.09	72.13	57.86	40.98	23.94	8.59	1.23
90.0	99.22	67.99	36.22	18.57	13.51	9.36	5.53	2.30	0.61
120.0	125.39	110.12	93.93	77.35	62.39	45.89	29.39	14.04	1.61
150.0	108.97	95.85	83.41	70.29	57.78	43.05	27.70	12.20	1.46
180.0	117.95	101.68	85.95	70.21	56.02	39.60	23.64	7.60	1.07
210.0	123.93	109.20	92.55	75.66	60.01	43.51	26.70	11.66	1.61
240.0	119.25	104.44	88.40	72.82	56.71	39.98	23.33	8.36	2.00
270.0	119.56	105.13	89.71	74.36	57.78	40.67	22.33	5.99	2.76
300.0	113.96	99.30	83.80	69.37	52.49	36.22	18.26	3.53	1.69
330.0	110.50	95.92	80.19	65.38	49.27	32.92	16.19	3.30	1.23
360.0	118.10	102.44	86.25	70.75	55.10	38.91	21.95	6.91	1.38

C/γ(°)	90.0
0.0	0.38
30.0	0.31
60.0	0.46
90.0	0.46
120.0	0.84
150.0	0.84
180.0	0.54
210.0	0.92
240.0	0.92
270.0	1.53
300.0	0.77
330.0	0.54
360.0	0.38