

浙大三色

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ROLED

灯具名称: 投光灯

灯具描述: F2022A-30-UN (45-OL-30WN-C, P1)

报告编号:

电压(V): 220.5000

测试编号: 20210324008

电流(A): 0.1700

光源规格型号: OL

功率(W): 35.4000

每个光源光通量(lm)

功率因数: 0.9410

光源数量: 30

镇流器型号:

发光面长度(mm): 270

发光面宽度(mm): 152

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 2876.25

灯具效能(lm/w): 81.25

中心光强(cd): 3764.747

最大光强(cd): 3773.188

最大光强角度: $C=30.0$ $\gamma=0.0$

半峰边角(50%Imax): [C0/180]Total=43.1

[C90/270]Total=43.3

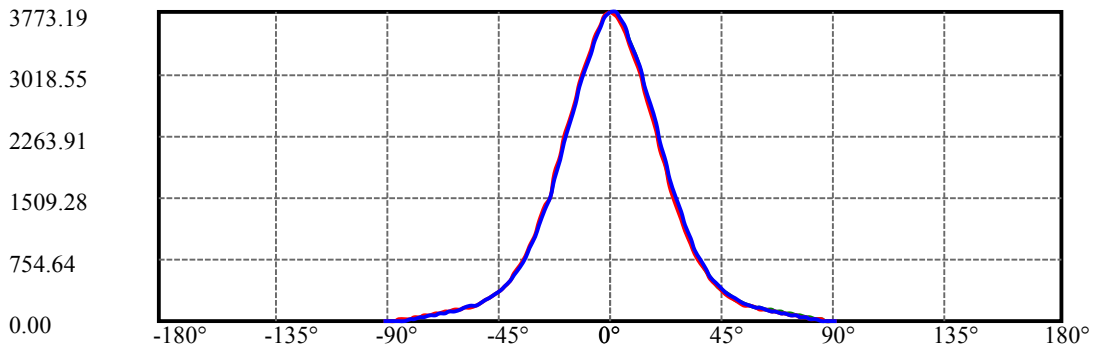
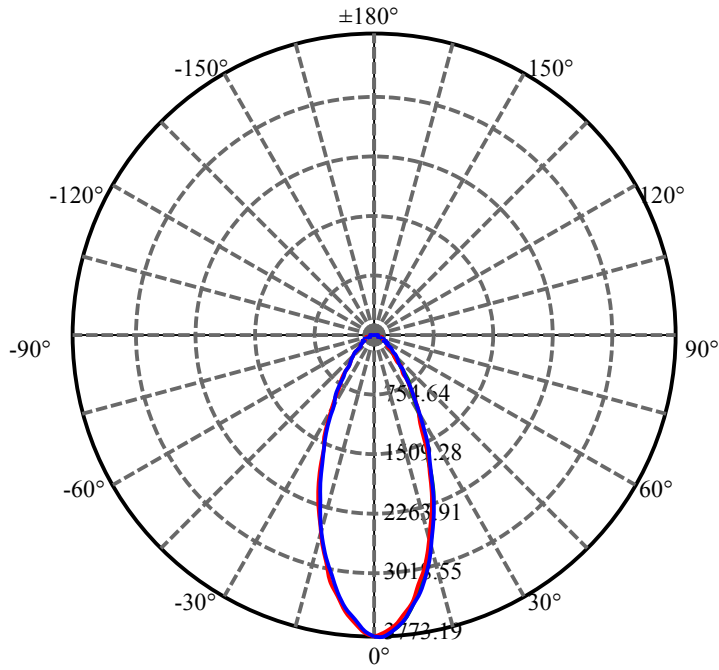
光束扩散角(10%Imax): [C0/180]Total=88.4

[C90/270]Total=89.0

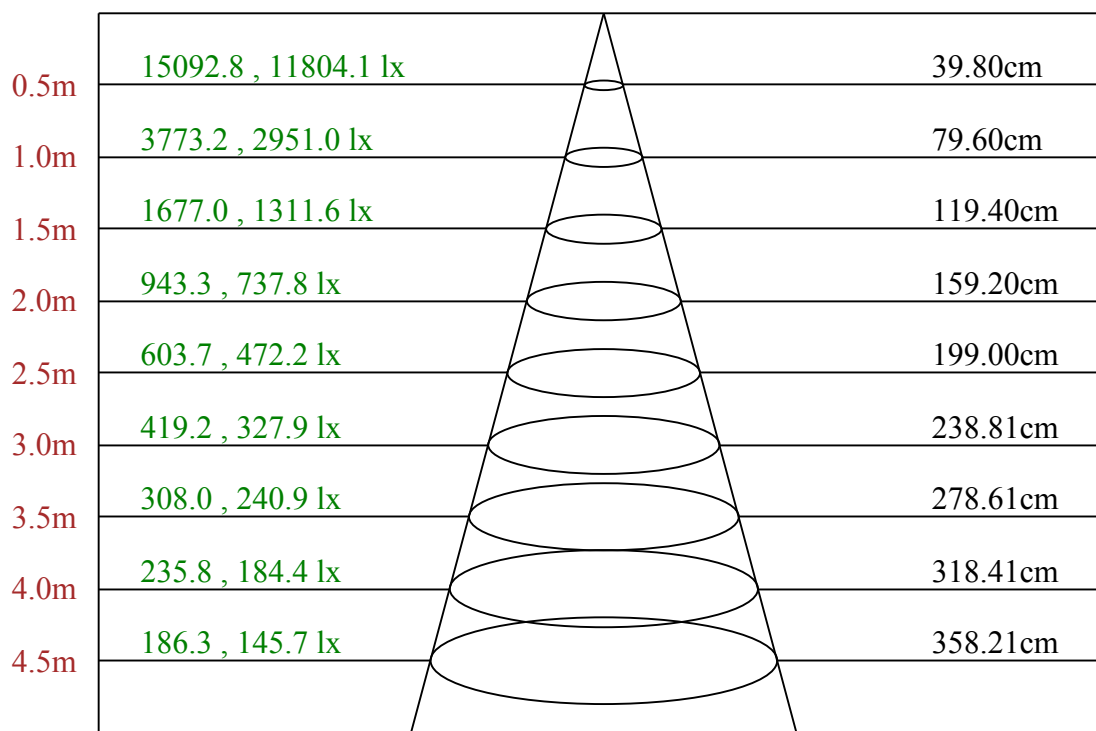
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/3/24
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

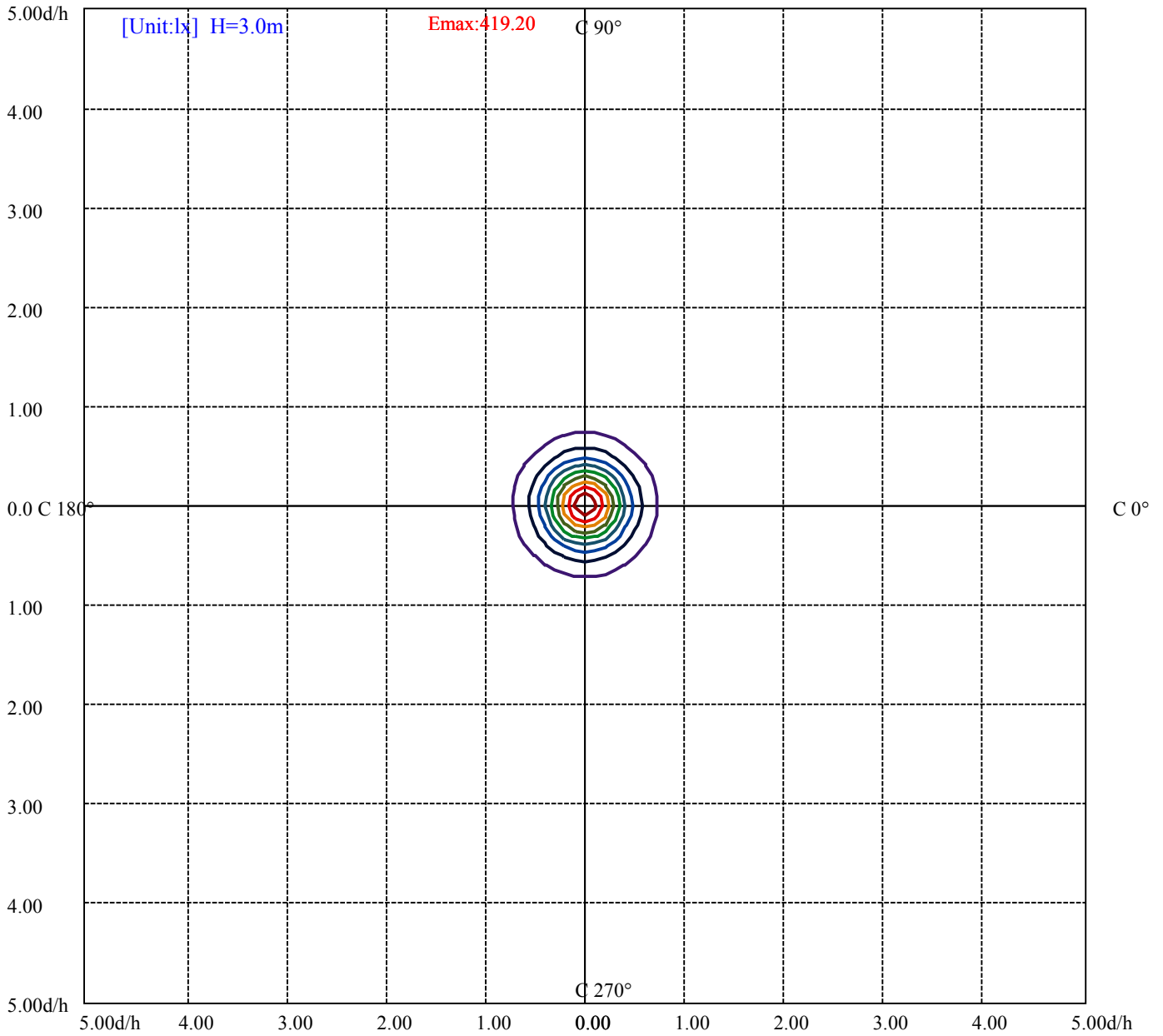











C30(Max): —
C0/C180: —
C90/C270: —



Max , Ave C30面光束角43.40

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平面等照度曲线



(10%Emax) 41.92	
(20%Emax) 83.84011	
(30%Emax) 125.76	
(40%Emax) 167.68	
(50%Emax) 209.6	
(60%Emax) 251.52	
(70%Emax) 293.44	
(80%Emax) 335.36	
(90%Emax) 377.28	

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灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

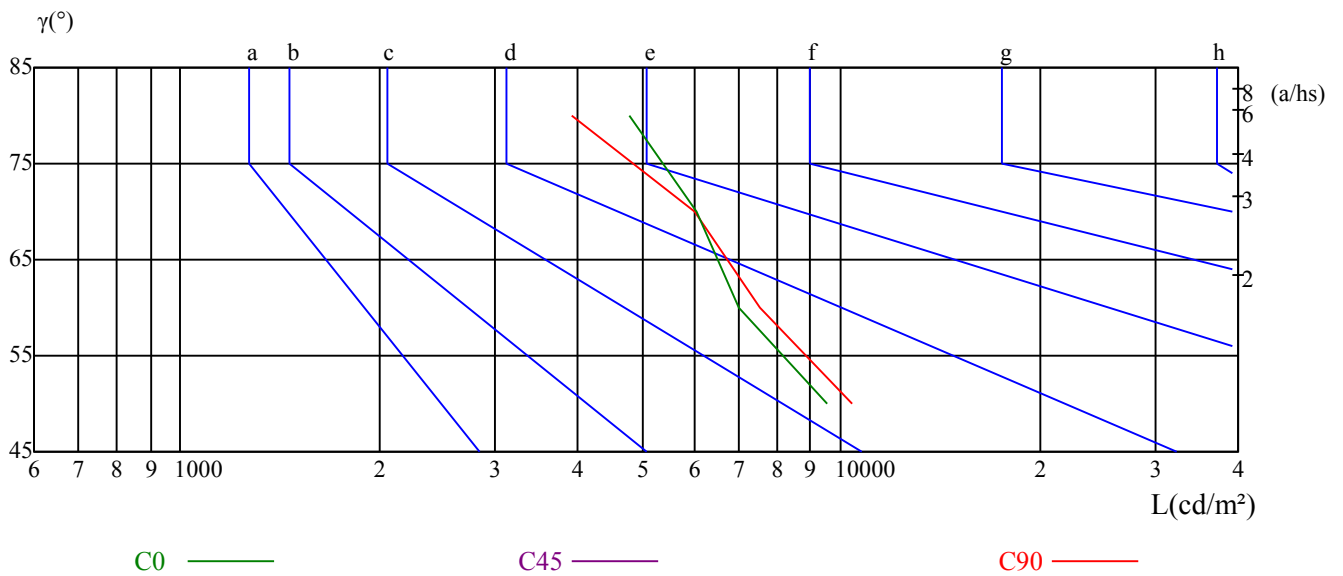
γ	45	50	55	60	65	70	75	80	85
C0	0	9556	0	6989	0	6047	0	4781	0
C45	0	0	0	0	0	0	0	0	0
C90	0	10399	0	7532	0	6019	0	3909	0

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	12.72	13.92	13.08	14.23	14.55	12.57	13.77	12.93	14.08	14.40
	3H	14.07	15.14	14.45	15.47	15.84	14.11	15.18	14.49	15.51	15.88
	4H	14.54	15.54	14.95	15.89	16.28	14.69	15.68	15.09	16.03	16.42
	6H	14.76	15.67	15.17	16.04	16.44	15.07	15.98	15.48	16.35	16.75
	8H	14.77	15.63	15.20	16.02	16.43	15.16	16.02	15.59	16.41	16.82
	12H	14.76	15.58	15.19	15.97	16.40	15.23	16.05	15.66	16.43	16.86
4H	2H	13.21	14.20	13.61	14.55	14.94	13.09	14.08	13.50	14.44	14.82
	3H	14.79	15.61	15.21	16.01	16.42	14.91	15.73	15.33	16.13	16.54
	4H	15.38	16.11	15.81	16.53	16.97	15.62	16.35	16.06	16.77	17.21
	6H	15.62	16.25	16.09	16.70	17.17	16.02	16.64	16.48	17.09	17.56
	8H	15.65	16.23	16.12	16.68	17.15	16.13	16.72	16.60	17.16	17.64
	12H	15.63	16.15	16.12	16.63	17.11	16.20	16.72	16.69	17.20	17.68
8H	4H	15.61	16.20	16.08	16.64	17.12	15.83	16.41	16.30	16.86	17.33
	6H	15.93	16.40	16.44	16.90	17.39	16.33	16.80	16.84	17.30	17.79
	8H	15.98	16.41	16.51	16.92	17.42	16.50	16.92	17.02	17.44	17.93
	12H	16.56	16.92	17.07	17.42	17.99	17.10	17.46	17.62	17.96	18.53
12H	4H	15.61	16.12	16.10	16.61	17.08	15.81	16.32	16.29	16.80	17.28
	6H	16.43	16.37	16.48	16.84	17.39	16.81	16.75	16.86	17.22	17.77
	8H	16.03	16.39	16.55	16.89	17.47	16.53	16.90	17.05	17.39	17.97
对应照射距离，改变观察者位置S											
S = 1.0H	0.8/-0.9					0.7/-0.9					
S = 1.5H	1.6/-1.3					1.4/-1.3					
S = 2.0H	3.3/-1.6					2.8/-1.5					
标准表格	BK3					BK3					
更正系数	2.5					2.4					

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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	3764.75	3736.35	3647.34	3517.65	3374.15	3184.61	2988.93	2777.90	2561.50
30.0	3773.19	3760.91	3686.47	3570.60	3419.43	3248.30	3049.55	2827.78	2607.54
60.0	3772.42	3760.91	3687.24	3572.90	3430.94	3255.21	3064.90	2840.06	2599.87
90.0	3767.82	3764.75	3695.68	3577.51	3429.40	3264.42	3068.74	2866.92	2641.31
120.0	3767.05	3748.63	3663.45	3542.21	3393.34	3211.47	3019.62	2797.09	2567.64
150.0	3763.21	3747.10	3658.85	3535.30	3388.73	3207.63	3003.51	2794.02	2563.80
180.0	3764.75	3717.94	3611.27	3476.98	3307.39	3117.85	2909.89	2697.33	2470.18
210.0	3773.19	3713.33	3603.60	3467.00	3293.58	3090.22	2873.06	2655.12	2414.93
240.0	3772.42	3718.70	3610.50	3465.47	3306.62	3110.94	2890.71	2670.47	2445.63
270.0	3767.82	3695.68	3574.44	3432.47	3260.58	3059.53	2858.48	2636.70	2404.96
300.0	3767.05	3711.03	3608.20	3467.00	3312.76	3121.69	2906.82	2688.89	2467.88
330.0	3763.21	3708.73	3608.20	3482.35	3321.97	3128.59	2919.87	2707.30	2467.88
360.0	3764.75	3736.35	3647.34	3517.65	3374.15	3184.61	2988.93	2777.90	2561.50
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	2322.85	2090.33	1868.56	1641.42	1440.36	1251.59	1090.44	941.57	814.19
30.0	2371.19	2143.28	1907.70	1683.62	1474.90	1293.80	1121.14	966.89	837.97
60.0	2358.91	2127.93	1891.58	1668.28	1478.81	1288.58	1126.20	963.90	836.06
90.0	2410.33	2173.98	1950.67	1727.36	1517.10	1332.93	1164.11	1016.77	864.07
120.0	2333.59	2110.28	1880.07	1662.14	1475.59	1287.27	1125.36	964.21	837.21
150.0	2332.06	2109.52	1880.84	1665.97	1460.32	1283.05	1115.76	969.96	834.14
180.0	2254.55	2022.80	1797.96	1521.86	1404.45	1221.97	1060.28	920.24	791.32
210.0	2193.16	1963.72	1736.57	1530.30	1357.72	1178.23	1022.45	889.54	763.08
240.0	2201.60	1974.46	1761.13	1546.26	1356.72	1180.22	1026.75	890.16	771.21
270.0	2177.05	1961.41	1735.80	1529.53	1355.95	1179.53	1027.52	891.00	762.85
300.0	2228.46	2014.36	1790.29	1572.35	1379.74	1200.18	1042.86	902.43	781.96
330.0	2233.06	2011.29	1778.78	1525.54	1387.42	1202.71	1042.25	905.81	775.89
360.0	2322.85	2090.33	1868.56	1641.42	1440.36	1251.59	1090.44	941.57	814.19
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	695.24	598.55	511.07	440.47	388.29	329.36	287.61	252.08	221.31
30.0	720.57	617.74	527.95	456.59	392.90	343.94	299.58	263.06	232.59
60.0	718.49	620.81	532.41	458.20	398.04	345.17	301.58	265.28	236.74
90.0	747.42	640.76	549.44	476.54	410.55	359.29	312.86	274.34	242.03
120.0	720.11	622.27	533.56	459.12	399.19	346.32	302.58	266.20	237.35
150.0	718.26	616.97	531.79	457.36	394.43	345.55	301.50	266.74	234.66
180.0	685.11	582.82	503.78	433.18	375.94	325.21	283.09	249.47	220.08
210.0	662.25	569.70	487.44	420.91	364.58	318.77	279.94	249.01	221.23
240.0	660.71	569.39	492.66	422.82	377.93	320.84	283.32	251.24	224.92
270.0	657.49	570.01	488.59	425.28	368.80	319.69	280.63	249.32	220.70
300.0	663.78	575.53	492.66	426.66	387.52	322.99	284.54	251.85	223.69
330.0	666.93	576.76	492.66	424.67	367.27	320.46	281.24	248.09	221.46
360.0	695.24	598.55	511.07	440.47	388.29	329.36	287.61	252.08	221.31
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	196.29	176.65	158.31	143.42	129.99	117.41	106.05	95.23	84.87
30.0	208.57	187.85	170.05	155.78	142.81	131.60	120.32	109.43	98.53
60.0	211.72	190.39	173.04	156.93	142.73	128.77	115.95	102.98	90.40
90.0	216.25	192.84	171.97	154.55	138.74	124.93	110.50	97.61	84.49
120.0	212.41	192.23	174.04	157.39	143.73	129.15	116.41	103.37	91.01
150.0	210.72	189.93	171.97	157.54	144.65	133.29	122.09	111.19	100.83
180.0	195.83	175.27	158.39	142.96	129.38	117.72	106.51	95.77	85.10
210.0	198.98	180.18	164.53	150.71	139.20	127.54	116.72	106.51	94.77
240.0	200.82	182.79	165.52	150.41	137.82	123.93	111.50	98.84	85.41
270.0	197.22	177.42	158.31	142.27	127.54	114.26	100.83	87.40	77.12
300.0	200.52	182.10	164.68	149.79	136.13	122.40	109.27	97.15	83.80
330.0	198.75	180.49	162.84	149.64	137.28	126.23	115.26	104.36	93.62
360.0	196.29	176.65	158.31	143.42	129.99	117.41	106.05	95.23	84.87

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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	74.59	65.07	54.71	44.28	34.07	23.79	13.81	3.91	1.00
30.0	87.25	75.20	62.23	49.27	35.99	25.48	13.43	4.22	1.23
60.0	77.20	66.61	55.56	42.90	28.55	17.96	7.29	2.46	1.53
90.0	75.05	63.92	52.26	38.45	27.86	15.19	4.07	2.69	1.69
120.0	77.89	67.45	57.02	43.43	29.31	18.65	8.13	2.46	1.61
150.0	89.40	77.43	64.61	51.80	38.60	27.55	15.12	5.60	1.46
180.0	75.36	65.38	55.63	45.51	35.07	24.71	14.89	5.06	1.15
210.0	83.72	71.29	58.63	45.66	32.77	22.64	11.36	2.92	1.00
240.0	72.90	63.85	52.49	38.37	26.78	12.97	2.92	2.15	1.23
270.0	66.99	56.63	42.82	31.39	18.03	7.06	2.84	2.00	0.92
300.0	71.60	62.62	51.26	36.60	24.79	11.59	2.76	2.00	1.00
330.0	81.88	69.29	55.94	43.20	31.31	20.34	9.36	2.00	0.92
360.0	74.59	65.07	54.71	44.28	34.07	23.79	13.81	3.91	1.00

C/γ(°)	90.0
0.0	0.31
30.0	0.38
60.0	0.46
90.0	0.61
120.0	0.69
150.0	0.54
180.0	0.46
210.0	0.31
240.0	0.23
270.0	0.23
300.0	0.23
330.0	0.23
360.0	0.31