

浙大三色

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ROLED

灯具名称: 投光灯

灯具描述: F2226A1-32-36DC-RC-Y(30-CL-32RGBWN-C, CT)

报告编号:

电压(V): 35.9000

测试编号: 20210303008

电流(A): 1.5170

光源规格型号: CL

功率(W): 54.5000

每个光源光通量(lm)

功率因数: 1.0350

光源数量: 32

镇流器型号:

发光面长度(mm): 270

发光面宽度(mm): 160

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 2966.29

灯具效能(lm/w): 54.43

中心光强(cd): 6074.549

最大光强(cd): 6187.353

最大光强角度: C=30.0 $\gamma=0.0$

半峰边角(50%Imax): [C0/180]Total=31.3

[C90/270]Total=30.7

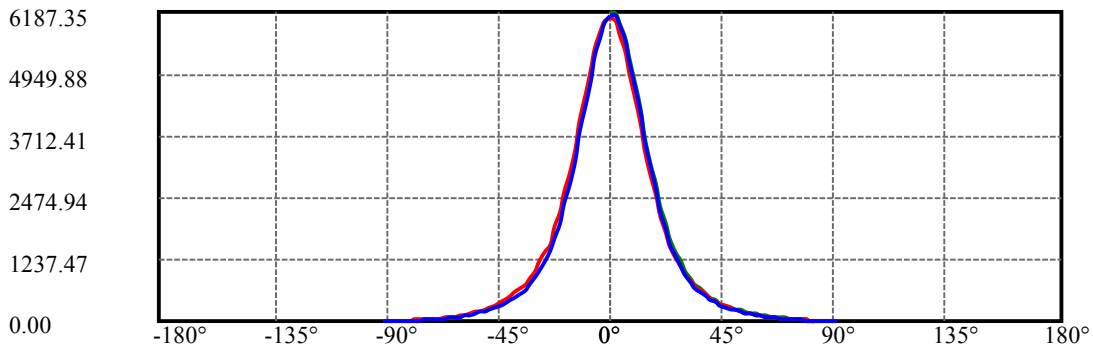
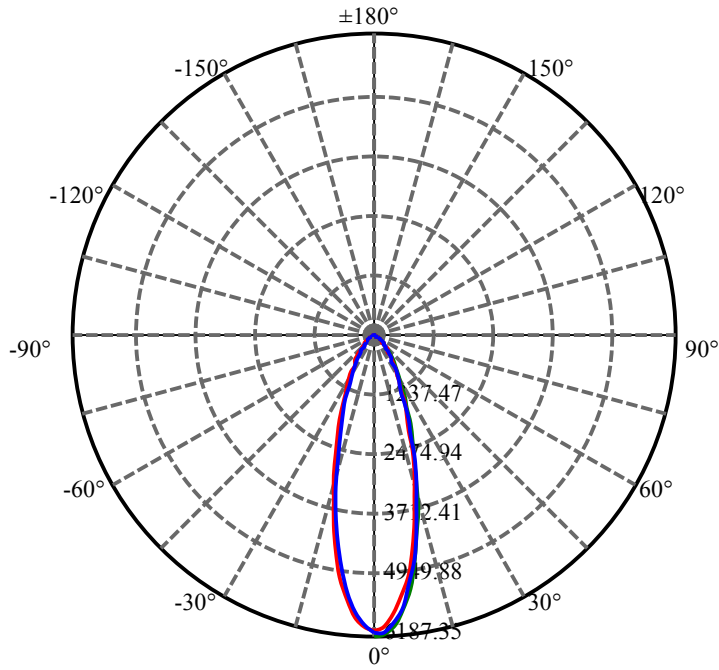
光束扩散角(10%Imax): [C0/180]Total=72.7

[C90/270]Total=69.7

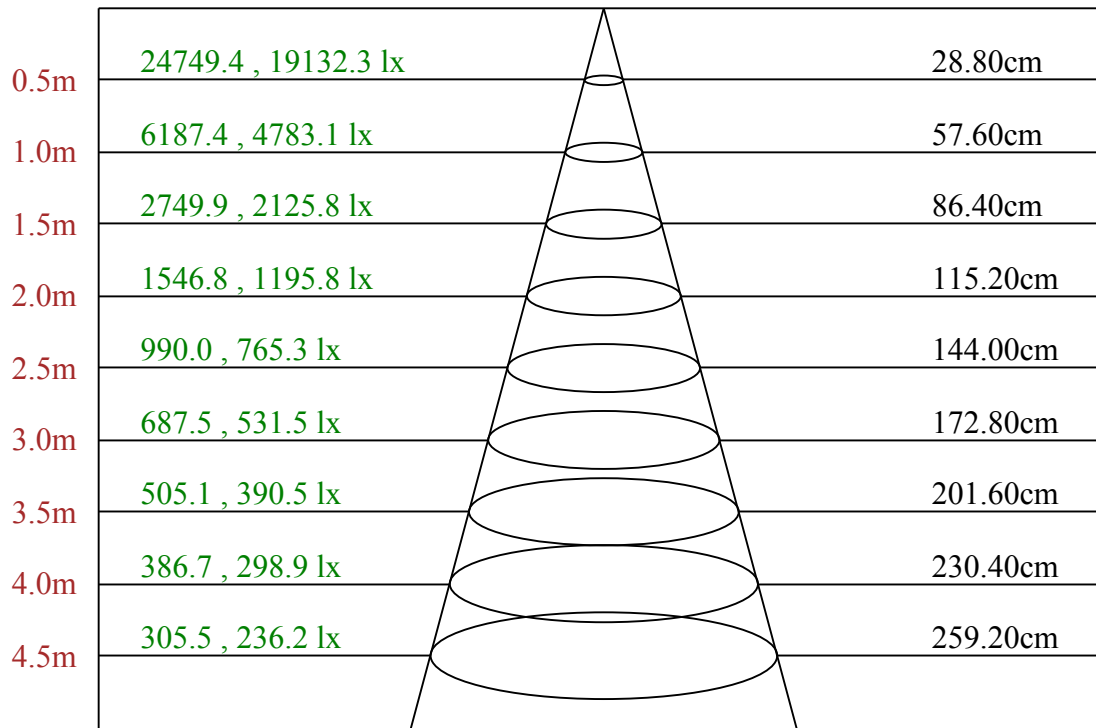
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/3/3
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

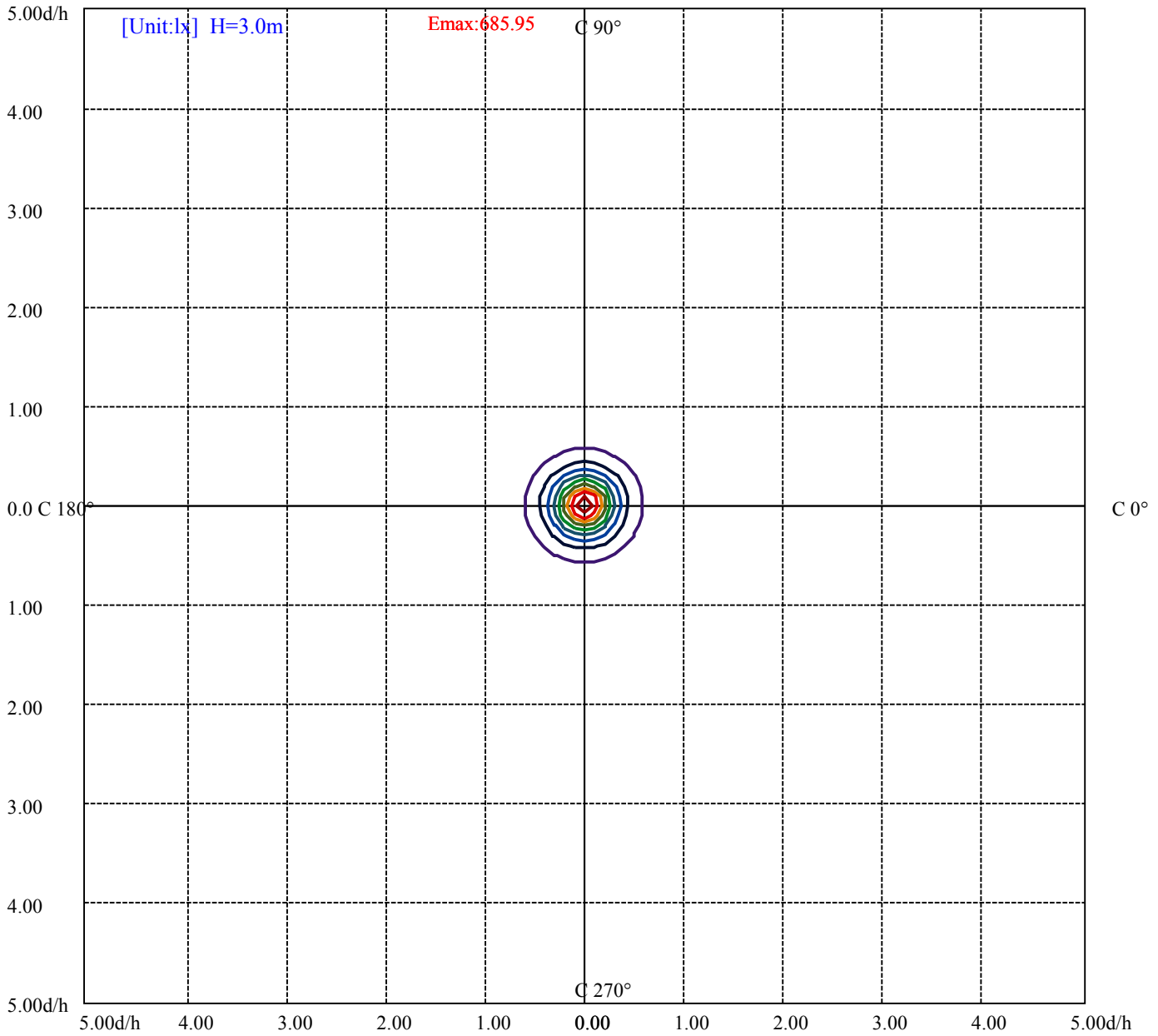


C30(Max): ————
C0/C180: ————
C90/C270: ————



Max , Ave C30面光束角32.13

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平面等照度曲线



- (10%Emax) 68.59478
- (20%Emax) 137.19
- (30%Emax) 205.7845
- (40%Emax) 274.3789
- (50%Emax) 342.9745
- (60%Emax) 411.5689
- (70%Emax) 480.1634
- (80%Emax) 548.7589
- (90%Emax) 617.3533

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灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

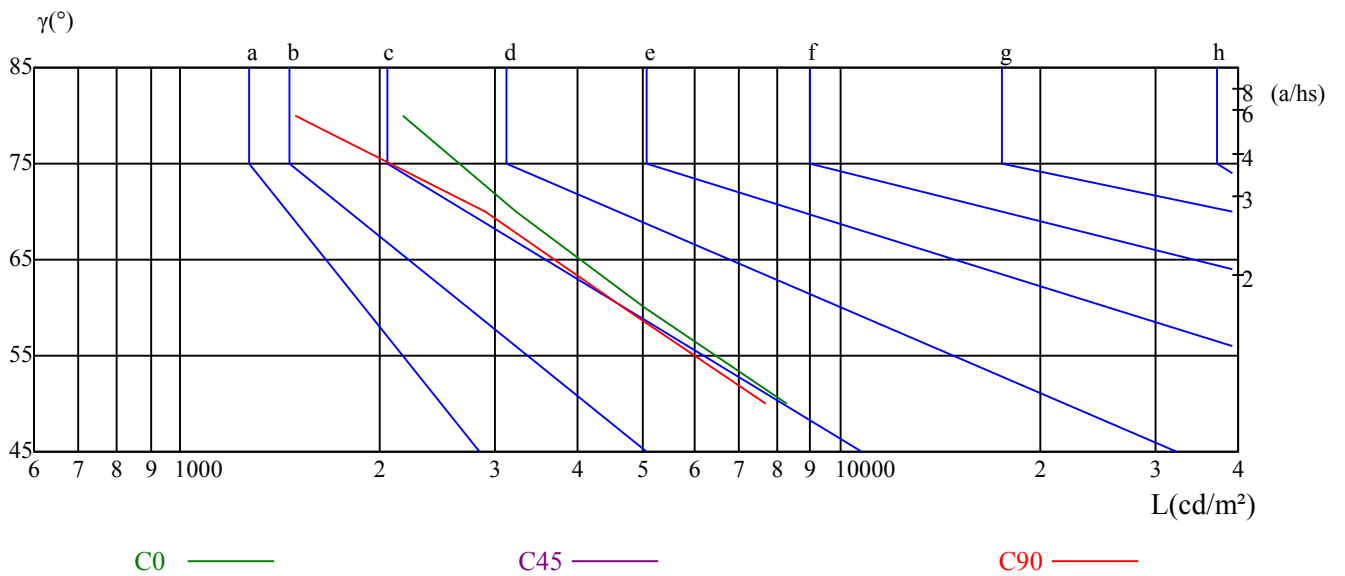
γ	45	50	55	60	65	70	75	80	85
C0	0	8282	0	5045	0	3215	0	2169	0
C45	0	0	0	0	0	0	0	0	0
C90	0	7674	0	4693	0	2893	0	1494	0

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	10.33	11.45	10.69	11.76	12.08	10.96	12.08	11.32	12.39	12.71
	3H	11.03	12.02	11.41	12.35	12.72	11.74	12.72	12.12	13.06	13.42
	4H	11.19	12.11	11.59	12.46	12.85	11.97	12.88	12.37	13.24	13.62
	6H	11.21	12.05	11.63	12.43	12.82	12.08	12.92	12.50	13.30	13.69
	8H	11.19	11.98	11.62	12.37	12.78	12.09	12.88	12.52	13.27	13.68
	12H	11.16	11.91	11.59	12.29	12.73	12.09	12.84	12.52	13.22	13.66
4H	2H	10.66	11.57	11.06	11.93	12.31	11.19	12.11	11.60	12.46	12.85
	3H	11.54	12.29	11.95	12.69	13.10	12.18	12.93	12.60	13.34	13.74
	4H	11.77	12.43	12.20	12.86	13.30	12.50	13.17	12.94	13.59	14.04
	6H	11.82	12.39	12.29	12.84	13.31	12.65	13.22	13.12	13.67	14.14
	8H	11.79	12.32	12.27	12.77	13.25	12.67	13.20	13.14	13.65	14.12
	12H	11.76	12.22	12.25	12.71	13.18	12.67	13.13	13.16	13.62	14.09
8H	4H	11.85	12.38	12.32	12.83	13.30	12.53	13.06	13.00	13.51	13.99
	6H	11.93	12.36	12.44	12.86	13.34	12.74	13.17	13.25	13.67	14.15
	8H	11.92	12.30	12.45	12.82	13.31	12.79	13.17	13.32	13.69	14.18
	12H	12.52	12.85	13.04	13.34	13.92	13.41	13.74	13.93	14.24	14.82
12H	4H	11.82	12.28	12.31	12.77	13.24	12.49	12.95	12.98	13.44	13.91
	6H	12.29	12.29	12.44	12.76	13.31	13.08	13.08	13.24	13.55	14.10
	8H	11.92	12.25	12.44	12.75	13.32	12.77	13.10	13.29	13.60	14.18
对应照射距离，改变观察者位置S											
S = 1.0H	1.0/-1.3					0.9/-1.3					
S = 1.5H	2.1/-2.4					1.9/-2.2					
S = 2.0H	4.3/-3.2					4.0/-2.9					
标准表格	BK2					BK2					
更正系数	-0.8					-0.2					

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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	6074.55	5980.93	5734.60	5377.77	4956.48	4446.18	3928.20	3413.29	2935.21
30.0	6187.35	6155.89	5974.02	5647.12	5246.55	4749.29	4212.89	3681.87	3168.50
60.0	6159.73	6118.29	5910.33	5568.85	5123.77	4631.11	4087.04	3546.04	3054.92
90.0	6122.89	6106.78	5929.51	5607.22	5177.49	4692.50	4138.46	3594.39	3095.59
120.0	6103.71	6059.97	5861.99	5525.87	5086.94	4576.63	4067.09	3530.70	3047.25
150.0	6079.92	6056.13	5870.43	5543.52	5142.19	4650.30	4124.65	3611.27	3140.10
180.0	6074.55	6011.62	5802.90	5460.65	5018.64	4495.29	3991.12	3466.24	2974.35
210.0	6187.35	6048.46	5777.57	5383.91	4898.16	4374.81	3873.71	3357.27	2909.12
240.0	6159.73	6039.25	5779.88	5394.65	4924.25	4388.62	3880.62	3359.57	2864.61
270.0	6122.89	5970.95	5691.63	5293.36	4801.47	4264.31	3750.17	3216.07	2734.93
300.0	6103.71	5979.39	5719.25	5334.80	4894.32	4337.21	3832.28	3312.76	2820.11
330.0	6079.92	5940.26	5659.40	5295.66	4825.26	4311.89	3792.37	3302.79	2828.55
360.0	6074.55	5980.93	5734.60	5377.77	4956.48	4446.18	3928.20	3413.29	2935.21
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	2493.97	2106.45	1781.08	1505.59	1276.91	1083.53	936.97	802.68	695.24
30.0	2719.58	2303.66	1958.34	1649.86	1395.09	1180.99	1012.17	864.07	746.66
60.0	2592.96	2186.25	1834.03	1527.23	1318.97	1120.52	948.32	806.36	686.49
90.0	2616.75	2200.83	1857.05	1550.10	1296.87	1088.14	924.69	781.19	669.15
120.0	2591.43	2190.09	1843.24	1525.54	1331.47	1123.21	960.22	816.41	694.55
150.0	2685.82	2305.96	1956.04	1657.53	1408.13	1195.57	1028.28	878.65	759.70
180.0	2569.94	2192.39	1867.03	1528.23	1379.36	1178.31	1014.24	861.46	737.06
210.0	2490.90	2115.66	1814.84	1520.71	1324.64	1133.34	980.71	839.05	722.56
240.0	2459.44	2085.73	1772.64	1494.85	1279.98	1083.53	933.90	800.37	683.73
270.0	2332.82	1957.58	1659.83	1409.13	1187.13	1007.79	865.52	736.53	631.78
300.0	2415.70	2043.52	1733.50	1458.78	1246.22	1053.61	907.04	776.58	662.25
330.0	2426.44	2047.36	1745.01	1489.63	1260.80	1074.40	920.39	793.08	681.74
360.0	2493.97	2106.45	1781.08	1505.59	1276.91	1083.53	936.97	802.68	695.24
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	600.86	520.28	449.68	394.43	345.40	300.50	264.28	229.98	198.90
30.0	639.99	550.98	480.38	412.85	362.51	316.39	278.25	243.10	213.02
60.0	587.50	508.23	437.71	381.77	331.66	289.07	252.77	222.69	194.84
90.0	571.70	489.59	421.29	377.32	320.15	278.86	244.87	213.10	186.55
120.0	593.80	513.30	441.62	384.69	333.66	290.45	253.54	223.00	194.84
150.0	651.50	560.95	484.21	422.06	375.78	319.69	280.48	244.26	213.87
180.0	637.46	559.49	487.82	422.59	366.19	314.16	271.96	237.35	207.04
210.0	628.86	541.38	469.10	407.40	355.53	310.10	272.65	236.81	206.81
240.0	593.18	506.47	439.71	389.06	335.34	290.91	254.08	223.00	193.61
270.0	547.75	470.32	410.16	353.68	308.56	268.97	234.05	203.58	176.34
300.0	573.23	495.72	426.66	387.52	325.83	282.93	249.01	217.32	188.93
330.0	592.87	510.92	445.69	384.84	336.42	293.83	257.30	225.61	197.52
360.0	600.86	520.28	449.68	394.43	345.40	300.50	264.28	229.98	198.90
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	172.05	149.02	127.31	108.97	92.39	76.58	64.92	55.33	47.50
30.0	186.47	164.37	143.73	125.62	110.35	96.08	83.34	70.83	60.09
60.0	170.66	150.02	130.76	114.80	98.91	84.95	70.60	60.39	51.34
90.0	160.46	139.36	119.56	101.37	83.11	69.14	59.32	50.57	42.74
120.0	170.20	149.33	130.15	113.19	98.07	83.72	69.60	59.70	50.57
150.0	183.10	160.54	139.20	122.17	103.98	88.63	75.51	63.62	51.95
180.0	175.96	149.56	128.77	109.12	90.78	75.36	62.85	53.10	44.97
210.0	181.79	157.54	137.13	119.25	103.44	89.17	75.97	63.54	53.49
240.0	169.74	146.34	127.46	110.35	94.54	77.81	65.15	55.94	45.35
270.0	153.01	129.92	108.05	87.86	72.75	61.77	52.41	44.05	36.37
300.0	164.76	144.27	124.85	108.20	92.55	76.43	64.38	54.71	45.43
330.0	174.12	151.56	132.07	115.18	99.53	86.71	73.82	62.23	52.49
360.0	172.05	149.02	127.31	108.97	92.39	76.58	64.92	55.33	47.50

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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	40.29	33.76	27.09	21.79	16.27	10.90	5.91	1.76	0.84
30.0	50.34	42.21	33.99	25.78	19.03	12.05	6.60	2.38	0.92
60.0	41.98	34.61	26.55	18.88	12.97	7.37	3.22	1.76	0.92
90.0	35.30	28.62	21.41	16.27	11.20	6.52	3.22	2.07	1.07
120.0	41.59	33.92	26.32	18.49	11.28	6.29	2.69	1.69	0.84
150.0	41.52	34.07	26.78	22.87	16.58	10.67	5.83	2.07	0.84
180.0	37.75	31.46	25.32	20.11	14.89	10.44	5.68	1.69	0.69
210.0	44.43	35.68	27.63	20.41	13.58	7.83	3.45	1.07	0.38
240.0	37.29	29.54	21.26	15.12	8.90	4.53	2.07	1.23	0.38
270.0	29.16	21.41	16.65	11.28	6.52	2.92	2.00	1.07	0.38
300.0	37.14	29.54	21.33	15.19	8.67	4.45	2.07	1.30	0.38
330.0	43.43	34.84	27.32	20.03	13.43	7.90	3.38	1.15	0.38
360.0	40.29	33.76	27.09	21.79	16.27	10.90	5.91	1.76	0.84

C/γ(°)	90.0
0.0	0.31
30.0	0.15
60.0	0.23
90.0	0.15
120.0	0.08
150.0	0.23
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	0.31