

浙大三色

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ROLED

灯具名称: 投光灯

灯具描述: F1018A-36-UN(30-OL-36WN-AA, CT)

报告编号:

电压(V): 202.1000

测试编号: 20210224006

电流(A): 0.2030

光源规格型号: OL

功率(W): 40.0000

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): 210

发光面宽度(mm): 210

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 3812.53

灯具效能(lm/w): 95.31

中心光强(cd): 10067.970

最大光强(cd): 10106.340

最大光强角度: C=30.0 γ =0.0

半峰边角(50%Imax): [C0/180]Total=29.3

[C90/270]Total=29.5

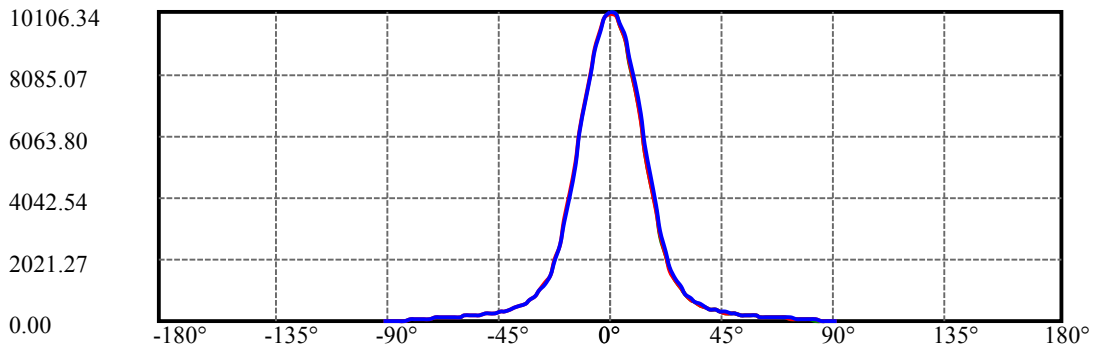
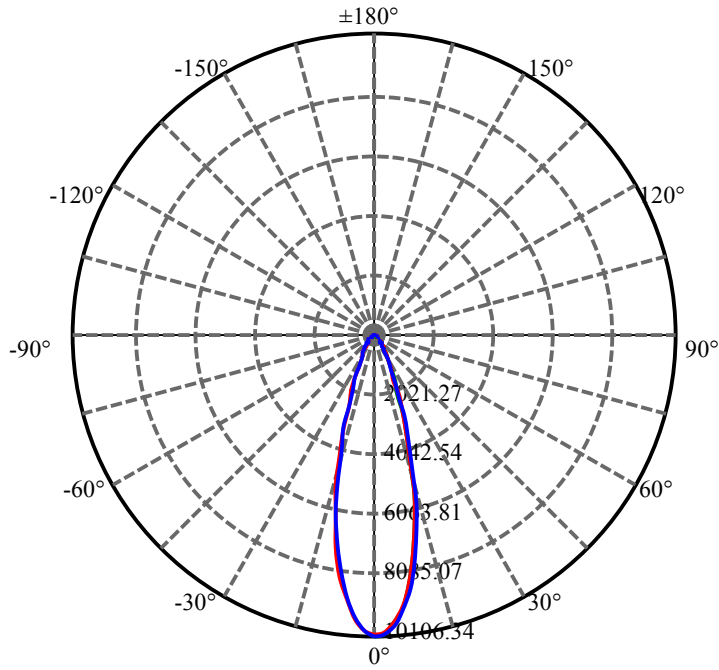
光束扩散角(10%Imax): [C0/180]Total=56.3

[C90/270]Total=56.8

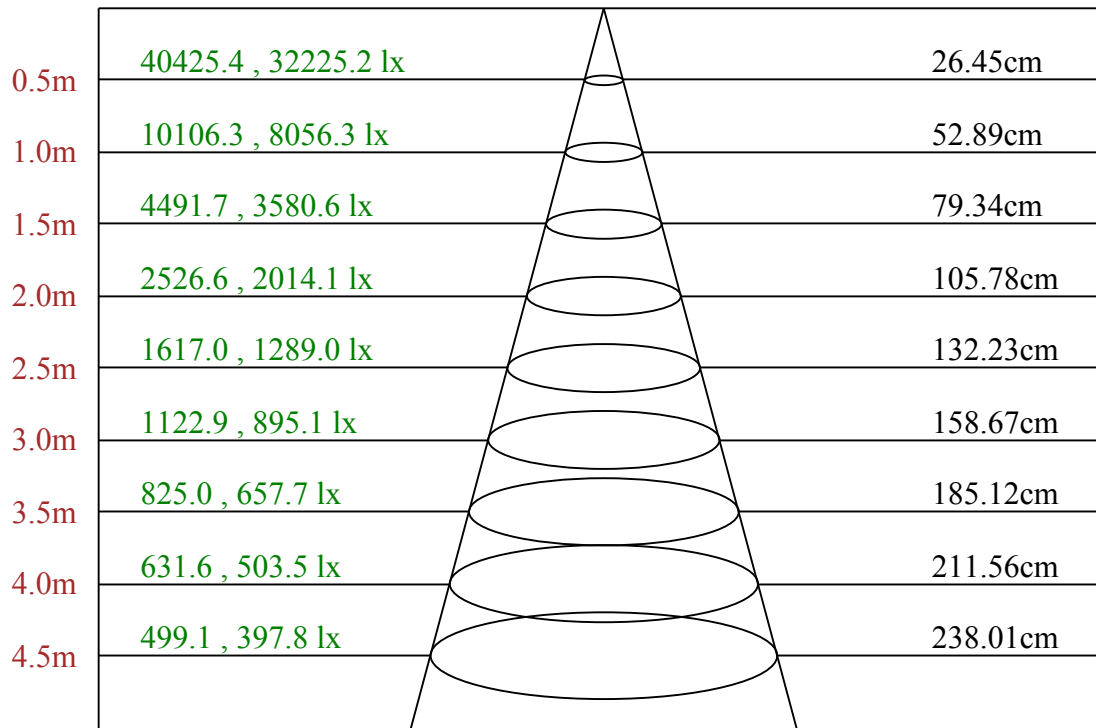
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/2/24
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

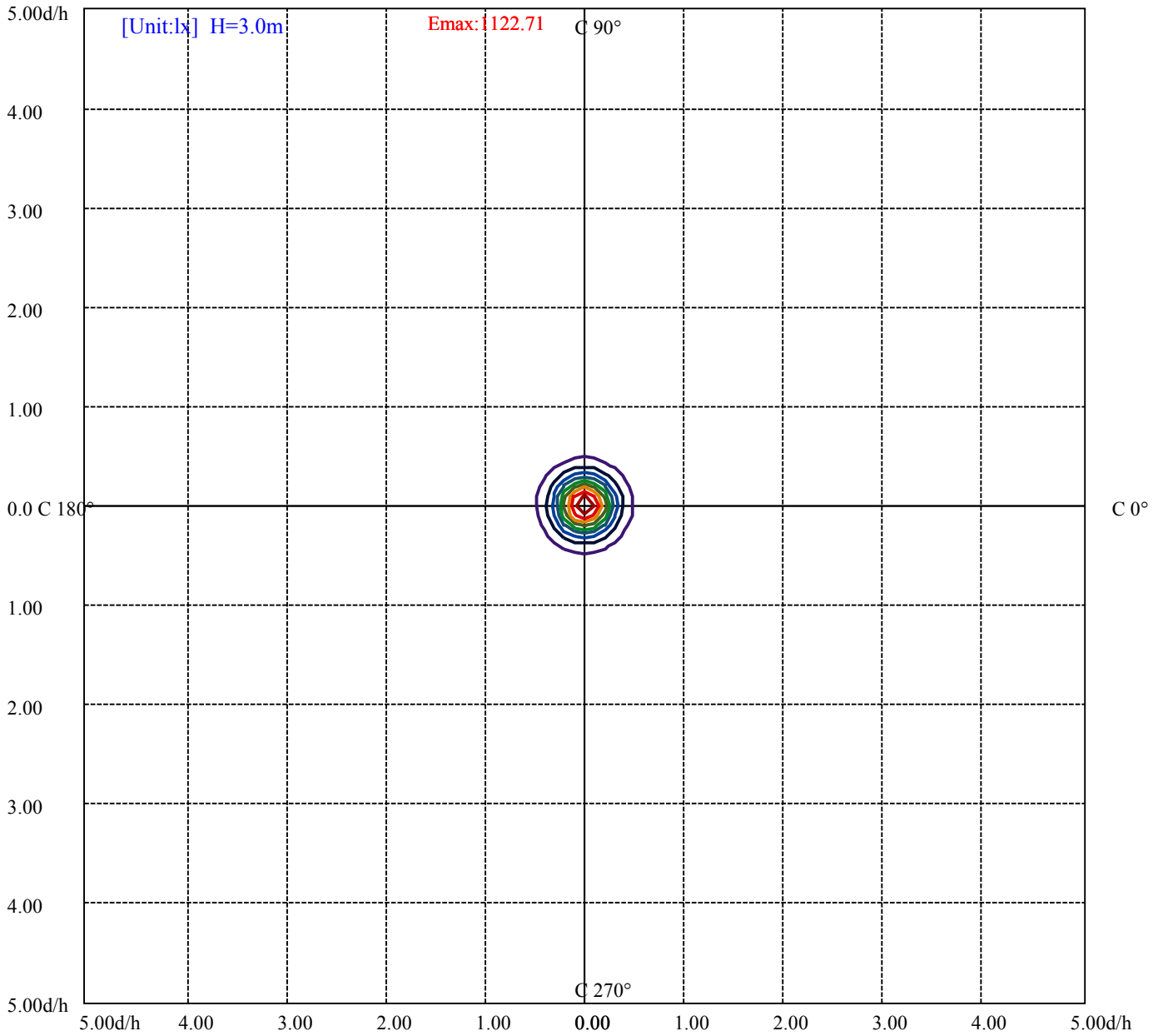


C30(Max): ——
C0/C180: ——
C90/C270: ——



Max , Ave C30面光束角29.62

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平面等照度曲线



(10%Emax) 112.2711	——
(20%Emax) 224.5422	——
(30%Emax) 336.8134	——
(40%Emax) 449.0856	——
(50%Emax) 561.3567	——
(60%Emax) 673.6277	——
(70%Emax) 785.8989	——
(80%Emax) 898.17	——
(90%Emax) 1010.441	——

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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

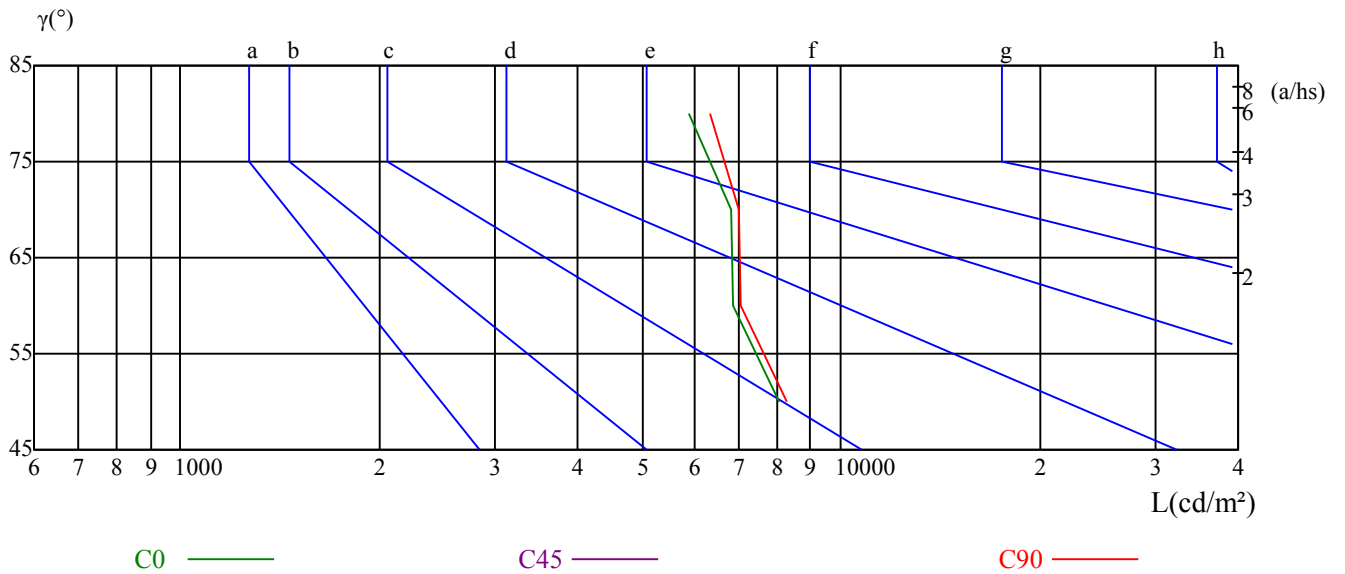
γ	45	50	55	60	65	70	75	80	85
C0	0	8054	0	6877	0	6823	0	5892	0
C45	0	0	0	0	0	0	0	0	0
C90	0	8281	0	7054	0	7026	0	6343	0

L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
350556	396527	0	353662	334571	0	224449	201469	0

眩光等级表

眩光等级	质量等级	使用照度(lx)							
		a	b	c	d	e	f	g	h
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

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	10.32	11.43	10.68	11.74	12.06	10.27	11.38	10.63	11.69	12.01
	3H	12.23	13.22	12.62	13.55	13.92	12.18	13.16	12.56	13.50	13.86
	4H	12.99	13.91	13.40	14.26	14.65	12.93	13.85	13.34	14.20	14.59
	6H	13.51	14.35	13.93	14.73	15.12	13.45	14.30	13.87	14.67	15.07
	8H	13.64	14.43	14.07	14.83	15.23	13.59	14.38	14.02	14.77	15.18
	12H	13.74	14.50	14.18	14.89	15.32	13.69	14.45	14.12	14.83	15.26
4H	2H	10.85	11.77	11.26	12.12	12.51	10.82	11.73	11.22	12.09	12.47
	3H	13.01	13.77	13.43	14.18	14.58	12.96	13.72	13.38	14.13	14.53
	4H	13.90	14.58	14.34	15.00	15.44	13.84	14.52	14.28	14.94	15.39
	6H	14.43	15.01	14.90	15.46	15.93	14.37	14.95	14.84	15.40	15.87
	8H	14.59	15.14	15.07	15.58	16.06	14.54	15.08	15.02	15.53	16.01
	12H	14.70	15.17	15.19	15.66	16.13	14.65	15.12	15.14	15.61	16.08
8H	4H	14.17	14.71	14.64	15.16	15.63	14.12	14.66	14.60	15.11	15.59
	6H	14.83	15.26	15.34	15.76	16.25	14.78	15.21	15.29	15.72	16.20
	8H	15.06	15.44	15.59	15.96	16.46	15.01	15.40	15.54	15.92	16.41
	12H	15.62	15.96	16.14	16.45	17.03	15.57	15.91	16.09	16.41	16.98
12H	4H	14.17	14.64	14.66	15.13	15.61	14.13	14.60	14.62	15.09	15.56
	6H	15.26	15.25	15.40	15.72	16.27	15.21	15.20	15.35	15.67	16.22
	8H	15.13	15.47	15.65	15.96	16.54	15.09	15.42	15.61	15.92	16.49
对应照射距离，改变观察者位置S											
S = 1.0H	0.4/-0.6					0.4/-0.6					
S = 1.5H	0.8/-0.8					0.9/-0.8					
S = 2.0H	1.7/-0.8					1.6/-0.8					
标准表格	BK3					BK3					
更正系数	1.2					1.0					

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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	10067.97	9985.86	9667.40	9137.15	8457.25	7580.14	6556.46	5512.06	4532.12
30.0	10106.34	10025.00	9675.84	9178.58	8442.67	7594.72	6611.71	5544.29	4550.54
60.0	10102.51	9995.84	9655.12	9145.59	8410.44	7524.89	6568.74	5504.39	4475.34
90.0	10094.83	10047.25	9760.26	9277.58	8583.10	7757.40	6788.21	5787.55	4740.08
120.0	10095.60	10002.75	9668.94	9143.29	8452.65	7564.03	6614.78	5551.97	4524.45
150.0	10082.55	10000.44	9675.84	9197.00	8434.23	7582.44	6589.46	5581.13	4539.03
180.0	10067.97	9907.59	9536.18	8922.28	8174.09	7245.56	6214.98	5205.88	4199.08
210.0	10106.34	9949.03	9572.25	8978.30	8198.65	7297.75	6249.51	5218.92	4196.78
240.0	10102.51	9958.24	9598.34	9016.67	8280.75	7360.67	6313.20	5262.66	4300.38
270.0	10094.83	9902.99	9502.42	8877.01	8082.77	7176.50	6122.89	5091.54	4082.44
300.0	10095.60	9935.22	9563.81	8965.25	8223.97	7305.42	6257.18	5210.48	4247.43
330.0	10082.55	9920.64	9517.76	8949.14	8174.09	7233.29	6185.82	5200.51	4179.90
360.0	10067.97	9985.86	9667.40	9137.15	8457.25	7580.14	6556.46	5512.06	4532.12
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	3567.53	2805.53	2160.93	1658.30	1306.07	1057.44	856.39	709.82	602.39
30.0	3609.74	2787.11	2138.68	1675.18	1309.91	1058.98	863.30	714.43	600.86
60.0	3529.93	2761.02	2124.86	1528.08	1308.84	1049.39	854.63	713.66	600.63
90.0	3783.93	2936.75	2259.15	1768.80	1378.97	1110.39	901.67	742.82	623.11
120.0	3578.27	2806.29	2160.93	1589.24	1328.40	1062.97	873.89	714.27	606.38
150.0	3605.90	2827.01	2167.84	1675.18	1309.91	1058.21	861.76	718.26	603.16
180.0	3338.09	2538.48	1979.06	1522.47	1228.88	988.76	807.66	676.83	572.92
210.0	3328.11	2581.45	1979.83	1523.16	1235.25	1004.11	818.25	682.96	576.38
240.0	3368.78	2610.61	2038.15	1570.05	1243.15	1000.66	822.63	685.27	580.14
270.0	3229.89	2503.18	1923.81	1519.17	1208.77	984.77	797.46	673.76	570.31
300.0	3315.83	2564.57	2000.55	1540.12	1232.41	994.52	809.58	676.06	572.46
330.0	3271.32	2566.11	1968.32	1529.46	1213.61	985.31	805.59	679.51	573.46
360.0	3567.53	2805.53	2160.93	1658.30	1306.07	1057.44	856.39	709.82	602.39
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	512.61	445.08	390.59	346.09	308.18	277.71	250.24	228.29	209.03
30.0	514.91	448.91	391.36	348.62	309.02	277.64	250.16	227.07	207.11
60.0	513.60	447.69	391.75	345.24	307.87	275.49	248.63	225.84	207.34
90.0	535.63	462.73	404.41	359.82	318.84	286.61	258.30	234.74	214.33
120.0	518.29	451.98	395.28	348.31	310.63	277.94	250.70	227.76	209.03
150.0	516.44	446.61	391.36	348.39	308.72	277.48	250.32	228.68	208.88
180.0	492.27	428.04	378.32	334.42	299.35	268.74	243.41	221.93	204.05
210.0	498.18	434.10	379.62	336.65	299.66	267.74	241.65	221.00	201.36
240.0	499.56	433.57	388.29	335.73	300.81	269.27	243.95	222.31	203.12
270.0	494.04	431.04	377.55	333.66	299.58	268.66	243.18	222.92	203.74
300.0	493.42	430.50	389.06	335.34	299.05	268.43	243.18	221.93	203.82
330.0	492.27	432.19	378.32	333.66	297.28	267.74	241.88	221.54	202.20
360.0	512.61	445.08	390.59	346.09	308.18	277.71	250.24	228.29	209.03
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	191.46	177.26	163.68	151.63	140.43	129.99	120.17	111.88	102.91
30.0	189.70	175.04	161.23	149.64	138.51	128.23	119.02	110.81	101.83
60.0	190.00	175.35	161.61	149.41	138.28	128.69	119.17	110.58	102.21
90.0	197.45	181.64	167.52	155.55	144.04	133.29	123.39	114.72	105.97
120.0	191.61	176.27	163.14	150.94	139.89	129.84	121.09	112.57	104.21
150.0	191.38	176.11	162.15	150.33	139.20	129.30	120.02	111.27	102.37
180.0	187.62	172.74	160.15	148.10	137.05	126.85	118.18	109.50	100.45
210.0	185.24	170.59	157.01	145.19	135.06	125.08	116.10	108.12	98.99
240.0	186.40	171.66	158.23	145.95	135.75	125.77	116.87	108.74	99.84
270.0	187.85	173.35	159.77	147.80	136.90	127.00	117.64	109.20	99.38
300.0	186.55	172.05	158.77	146.57	136.52	126.69	117.79	109.04	99.84
330.0	185.40	170.97	158.23	146.19	135.67	126.08	116.87	108.43	99.53
360.0	191.46	177.26	163.68	151.63	140.43	129.99	120.17	111.88	102.91

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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	92.24	81.34	69.06	57.02	45.12	31.85	18.88	7.14	1.00
30.0	91.62	80.57	68.37	56.40	44.20	30.62	18.42	7.60	0.92
60.0	92.39	81.03	68.45	56.71	44.35	31.08	19.34	7.75	0.92
90.0	96.15	84.95	72.82	60.39	48.57	35.07	22.33	9.75	1.07
120.0	94.39	82.72	70.21	58.32	45.81	32.77	20.41	8.67	1.00
150.0	92.85	81.42	69.45	57.71	45.20	32.15	19.41	8.06	0.92
180.0	90.47	78.35	65.99	53.33	41.52	27.78	15.73	4.53	0.84
210.0	88.56	77.58	64.61	52.26	39.37	26.93	15.42	3.61	0.92
240.0	88.48	77.27	65.46	52.49	40.59	26.86	13.81	3.53	0.92
270.0	88.56	75.97	63.39	51.41	38.06	25.02	12.82	2.23	0.84
300.0	88.32	77.27	64.84	51.57	39.60	25.94	13.05	3.30	0.84
330.0	88.32	76.66	63.62	52.18	39.29	26.86	14.89	3.84	0.92
360.0	92.24	81.34	69.06	57.02	45.12	31.85	18.88	7.14	1.00

C/γ(°)	90.0
0.0	0.38
30.0	0.38
60.0	0.54
90.0	0.61
120.0	0.54
150.0	0.46
180.0	0.31
210.0	0.23
240.0	0.31
270.0	0.31
300.0	0.15
330.0	0.23
360.0	0.38