

浙大三色

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ROLED

灯具名称: 投光灯

灯具描述: F3074A-72-UN (20-OL-72WN-AA, L650mm, C, CT)

报告编号:

电压(V): 220.3000

测试编号: 20210331007

电流(A): 0.3630

光源规格型号: OL

功率(W): 78.7000

每个光源光通量(lm)

功率因数: 0.9830

光源数量: 72

镇流器型号:

发光面长度(mm): 590

发光面宽度(mm): 103

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 7540.80

灯具效能(lm/w): 95.82

中心光强(cd): 32935.780

最大光强(cd): 33449.920

最大光强角度: C=30.0 γ =0.0

半峰边角(50%Imax): [C0/180]Total=20.5

[C90/270]Total=21.0

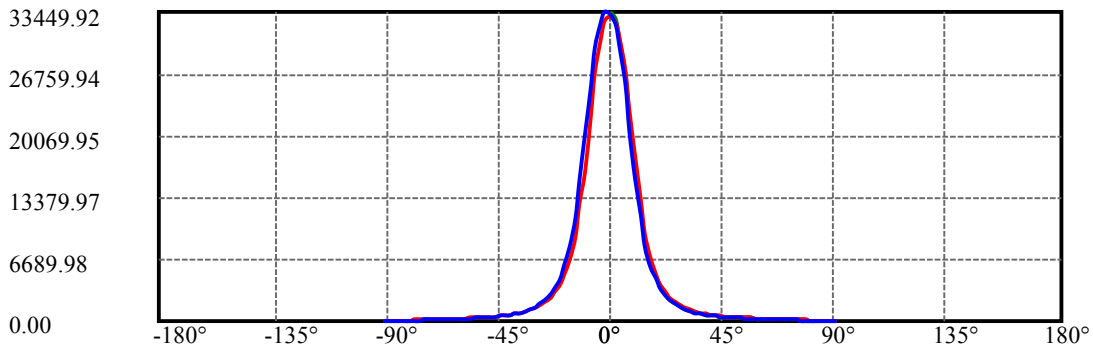
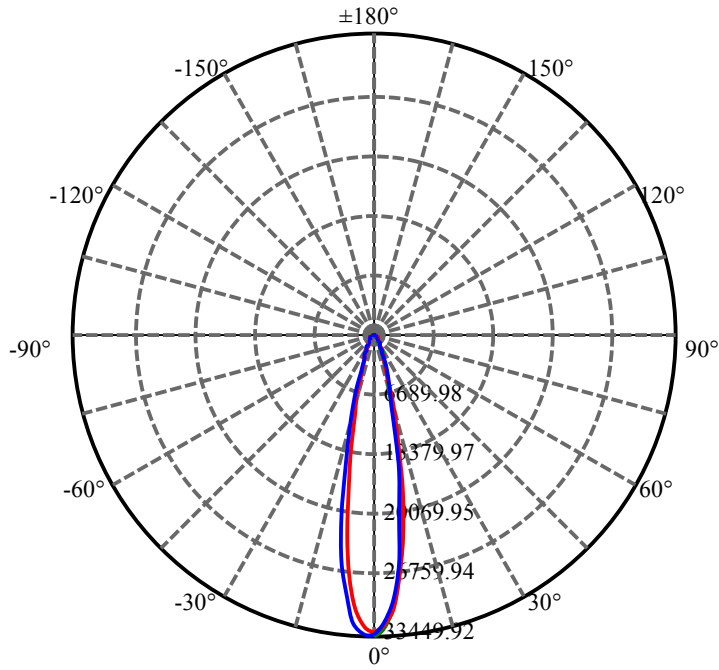
光束扩散角(10%Imax): [C0/180]Total=43.0

[C90/270]Total=43.1

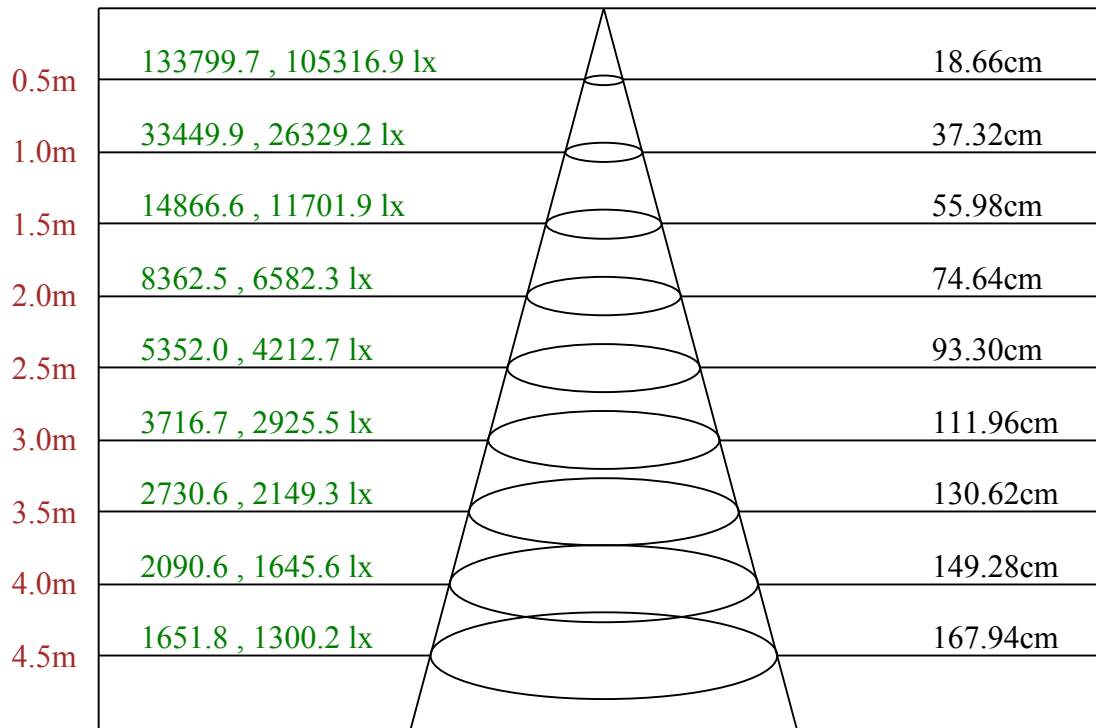
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/3/31
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

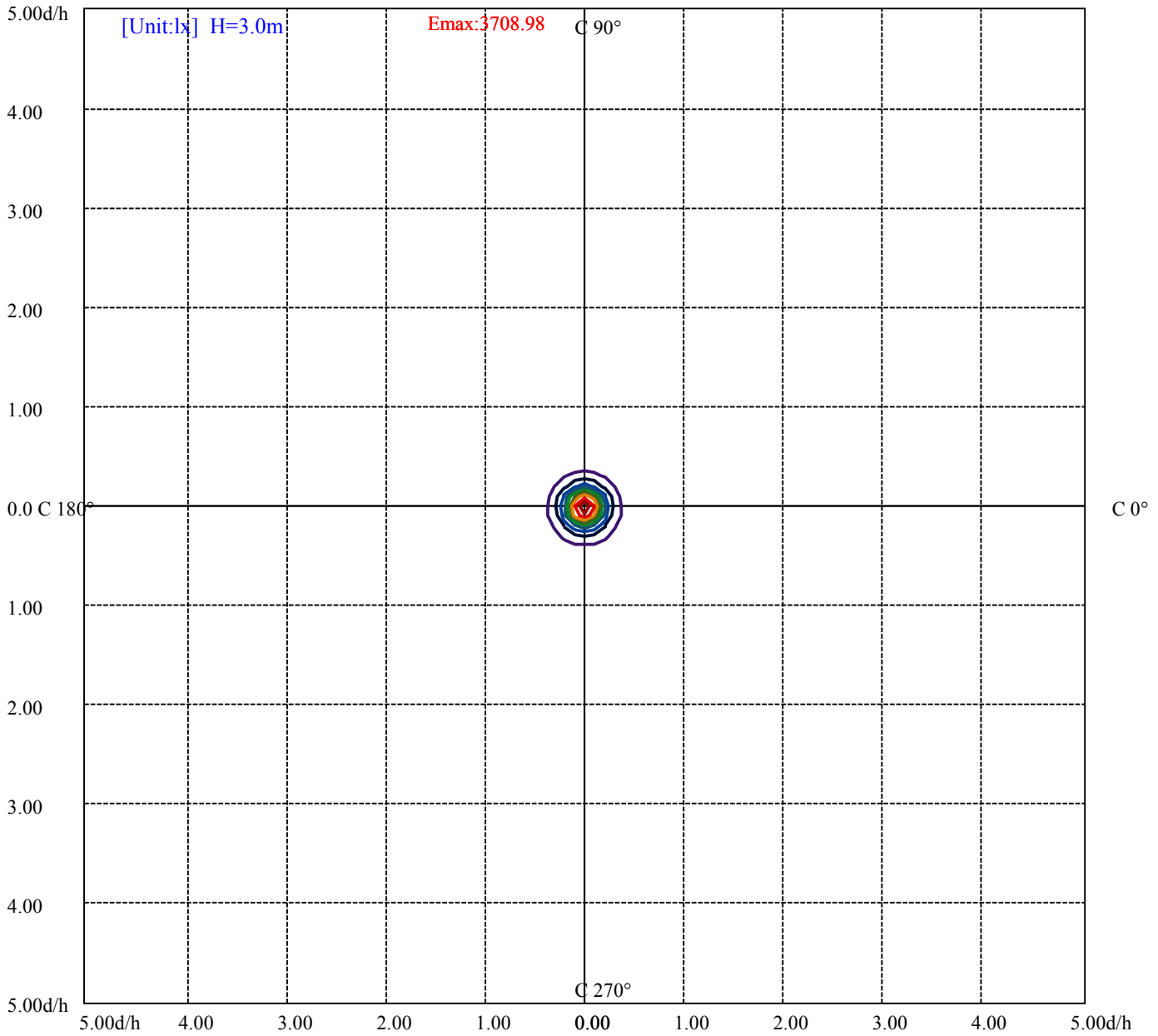


C30(Max): ————
C0/C180: ————
C90/C270: ————



Max , Ave C30面光束角21.14

ROLED 投光灯
平面等照度曲线



- (10%Emax) 370.8978
- (20%Emax) 741.7944
- (30%Emax) 1112.689
- (40%Emax) 1483.589
- (50%Emax) 1854.489
- (60%Emax) 2225.389
- (70%Emax) 2596.278
- (80%Emax) 2967.178
- (90%Emax) 3338.078

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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

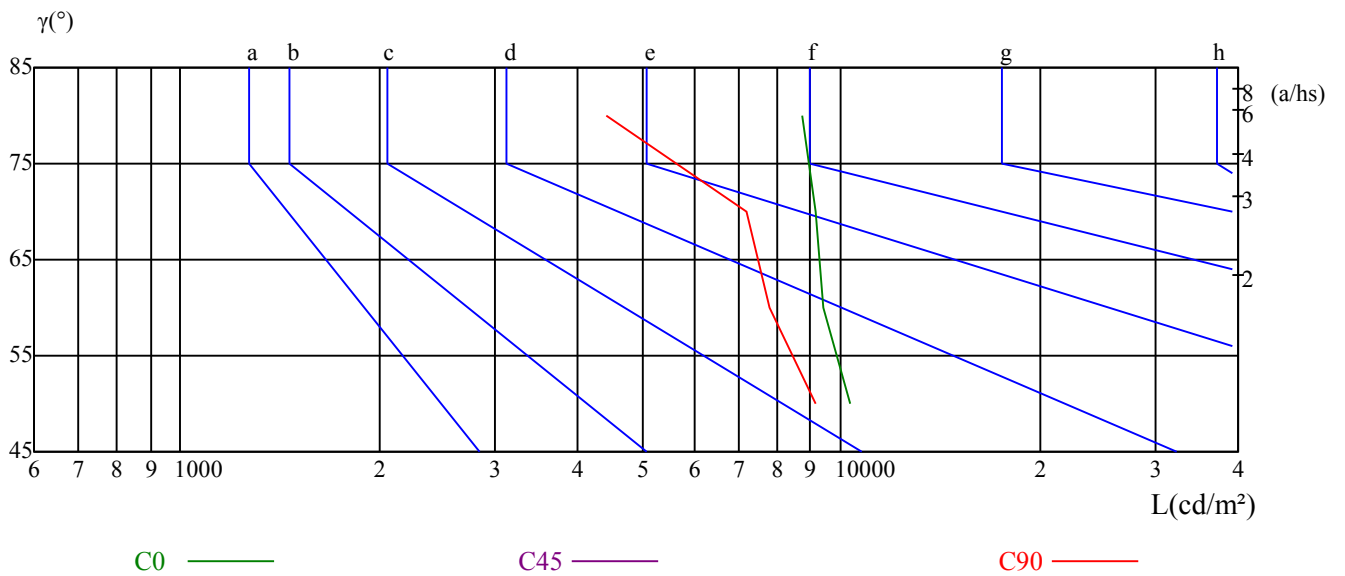
γ	45	50	55	60	65	70	75	80	85
C0	0	10373	0	9395	0	9193	0	8770	0
C45	0	0	0	0	0	0	0	0	0
C90	0	9194	0	7786	0	7188	0	4429	0

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	8.13	9.21	8.49	9.52	9.84	8.84	9.93	9.21	10.24	10.56
	3H	9.81	10.78	10.20	11.11	11.48	10.70	11.66	11.08	11.99	12.36
	4H	10.41	11.30	10.81	11.65	12.04	11.43	12.32	11.83	12.67	13.06
	6H	10.76	11.58	11.18	11.95	12.35	12.00	12.81	12.41	13.19	13.58
	8H	10.84	11.61	11.27	12.00	12.41	12.18	12.95	12.61	13.34	13.75
	12H	10.91	11.64	11.34	12.03	12.46	12.39	13.13	12.83	13.51	13.95
4H	2H	8.75	9.64	9.15	10.00	10.38	9.31	10.21	9.72	10.56	10.95
	3H	10.62	11.35	11.03	11.76	12.17	11.37	12.11	11.79	12.51	12.92
	4H	11.33	11.98	11.76	12.40	12.85	12.21	12.87	12.65	13.29	13.74
	6H	11.70	12.26	12.17	12.71	13.18	12.79	13.35	13.26	13.80	14.27
	8H	11.80	12.33	12.28	12.78	13.25	13.03	13.55	13.50	14.00	14.47
	12H	11.88	12.33	12.37	12.82	13.30	13.25	13.71	13.74	14.19	14.67
8H	4H	11.61	12.13	12.08	12.58	13.06	12.39	12.92	12.87	13.37	13.84
	6H	12.10	12.52	12.61	13.02	13.50	13.10	13.52	13.61	14.02	14.51
	8H	12.26	12.63	12.79	13.15	13.65	13.41	13.78	13.94	14.30	14.80
	12H	12.85	13.17	13.37	13.67	14.24	14.12	14.44	14.64	14.94	15.52
12H	4H	11.62	12.08	12.11	12.57	13.04	12.38	12.83	12.87	13.32	13.80
	6H	12.51	12.52	12.68	12.99	13.54	13.48	13.49	13.65	13.96	14.50
	8H	12.35	12.67	12.87	13.17	13.75	13.46	13.78	13.98	14.28	14.86
对应照射距离，改变观察者位置S											
S = 1.0H	0.3/-0.6					0.3/-0.6					
S = 1.5H	0.9/-0.9					0.8/-0.7					
S = 2.0H	1.8/-1.0					1.3/-0.7					
标准表格	BK3					BK3					
更正系数	0.4					1.6					

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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	32935.78	32291.18	30457.15	27103.72	22890.83	17810.80	13030.04	9538.48	6860.34
30.0	33449.92	32628.83	30380.42	26766.07	22284.60	17120.16	12546.60	8955.28	6553.39
60.0	33311.79	31984.23	29198.66	25093.20	20158.97	14976.88	10790.07	7814.19	5717.72
90.0	33296.44	32068.64	29520.95	25515.25	20558.00	15454.95	11380.19	8118.84	5878.10
120.0	33089.25	31884.47	28953.10	25016.46	19852.02	15000.67	10858.37	7774.29	5817.48
150.0	33043.21	32237.47	29943.01	26451.45	21732.09	16943.66	12508.23	9024.34	6637.80
180.0	32935.78	32344.90	30265.31	26727.71	22184.84	16276.04	12772.21	9177.05	6700.73
210.0	33449.92	33135.30	31493.11	28300.83	23850.05	18693.28	13957.80	10275.93	7384.46
240.0	33311.79	33411.55	32268.16	29697.45	25653.38	20504.29	15324.50	11157.65	8164.88
270.0	33296.44	33350.16	32122.36	29413.52	25285.04	20435.22	15222.44	11230.55	8169.48
300.0	33089.25	33150.64	32083.99	29467.24	25515.25	20734.50	15570.06	11372.51	8164.88
330.0	33043.21	32636.50	31032.69	27986.20	23696.57	18900.47	14146.58	10423.27	7343.02
360.0	32935.78	32291.18	30457.15	27103.72	22890.83	17810.80	13030.04	9538.48	6860.34
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	5087.70	3905.94	3097.13	2457.91	2020.50	1657.53	1372.07	1155.67	989.15
30.0	4872.84	3928.97	2960.54	2360.45	1915.37	1587.70	1318.35	1115.76	949.24
60.0	4342.58	3361.11	2681.98	2155.56	1771.87	1465.92	1222.58	1032.20	891.46
90.0	4496.82	3466.24	2723.42	2182.42	1793.36	1474.90	1239.31	1045.93	893.23
120.0	4447.71	3457.03	2733.39	2222.32	1811.77	1516.41	1265.02	1065.81	910.57
150.0	4964.92	3898.27	2968.21	2392.68	1939.16	1614.56	1344.44	1130.34	960.75
180.0	5057.01	3942.01	3089.46	2463.28	2012.06	1649.09	1388.03	1151.37	986.85
210.0	5571.15	4261.24	3313.53	2668.17	2154.02	1754.99	1463.31	1232.71	1038.95
240.0	6023.90	4680.99	3905.94	2865.38	2311.34	1900.79	1562.38	1303.77	1105.02
270.0	6030.04	4636.49	3576.74	2834.69	2276.04	1849.38	1525.16	1292.64	1092.44
300.0	6108.31	4680.99	3913.62	2896.84	2335.13	1896.95	1575.42	1314.52	1103.49
330.0	5520.50	4207.52	3303.55	2629.03	2124.10	1746.55	1458.78	1220.74	1030.66
360.0	5087.70	3905.94	3097.13	2457.91	2020.50	1657.53	1372.07	1155.67	989.15
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	850.25	744.35	659.18	586.28	527.95	478.08	439.71	405.17	383.69
30.0	818.79	720.57	632.32	567.09	511.07	465.80	428.20	395.97	370.95
60.0	774.28	679.66	605.69	541.77	491.27	445.46	410.47	376.24	345.40
90.0	771.98	679.90	600.09	536.40	484.21	435.87	395.20	359.13	325.90
120.0	793.39	693.55	612.37	549.52	495.34	450.91	413.54	380.77	348.08
150.0	831.07	724.40	636.92	570.16	509.54	462.73	424.36	391.36	361.59
180.0	850.25	746.12	657.41	585.28	527.95	477.77	436.64	402.49	374.17
210.0	901.13	783.87	686.26	612.14	546.83	492.43	449.45	414.92	382.84
240.0	940.04	818.79	705.99	624.64	555.58	500.33	452.75	412.85	387.52
270.0	933.21	811.35	700.31	621.11	550.59	491.66	439.40	392.51	354.37
300.0	945.41	818.02	709.82	624.64	559.42	501.10	453.52	416.69	389.06
330.0	894.07	776.74	683.43	605.84	541.31	487.97	447.53	411.31	379.70
360.0	850.25	744.35	659.18	586.28	527.95	478.08	439.71	405.17	383.69
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	351.92	328.36	305.57	285.46	267.58	248.25	230.67	211.57	191.08
30.0	345.63	322.37	300.58	281.01	261.45	242.57	222.39	200.98	177.72
60.0	315.39	288.46	265.74	244.72	224.92	205.27	186.63	167.13	150.56
90.0	298.51	276.95	256.23	236.58	218.47	199.52	181.87	164.91	149.41
120.0	318.31	292.29	268.12	246.94	226.84	208.11	188.70	169.44	151.94
150.0	336.19	313.78	293.83	274.87	253.69	233.44	212.18	190.46	168.82
180.0	348.24	325.90	303.57	282.39	262.83	244.64	224.53	204.51	186.01
210.0	356.91	332.27	309.56	288.84	268.58	249.01	228.37	206.73	181.87
240.0	342.94	311.78	284.01	261.83	241.26	222.00	202.97	184.48	165.45
270.0	322.76	296.36	272.96	252.85	233.05	214.64	196.45	178.65	162.61
300.0	346.32	315.62	289.15	265.44	245.48	224.99	205.96	187.24	168.44
330.0	354.07	329.51	307.87	286.61	267.58	247.17	227.99	206.50	183.10
360.0	351.92	328.36	305.57	285.46	267.58	248.25	230.67	211.57	191.08

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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	171.20	153.17	132.83	112.96	92.55	70.29	50.03	29.31	10.36
30.0	153.94	132.37	110.81	91.78	75.36	51.03	32.77	12.97	4.91
60.0	135.29	114.95	89.86	70.91	51.18	32.23	18.65	8.82	4.60
90.0	127.08	105.05	85.41	68.45	46.73	27.17	17.88	9.29	4.14
120.0	135.90	113.96	91.09	70.98	50.03	31.31	16.50	6.75	3.53
150.0	145.49	125.16	104.82	87.17	70.29	46.50	28.55	9.52	3.53
180.0	165.45	146.42	126.16	106.44	85.03	64.08	42.97	24.25	6.75
210.0	156.70	134.29	114.57	95.54	78.12	55.40	35.84	15.88	5.91
240.0	149.72	133.83	109.43	88.86	70.14	48.11	29.01	17.04	8.44
270.0	145.65	121.40	101.22	83.64	63.54	43.74	25.48	17.04	9.44
300.0	152.02	136.13	113.03	90.09	71.75	49.50	30.77	17.11	8.21
330.0	159.69	137.82	116.72	97.07	80.11	58.55	37.22	17.73	6.68
360.0	171.20	153.17	132.83	112.96	92.55	70.29	50.03	29.31	10.36
C/γ(°)	90.0								
0.0	1.69								
30.0	1.30								
60.0	1.30								
90.0	1.07								
120.0	0.84								
150.0	0.92								
180.0	0.84								
210.0	1.92								
240.0	3.53								
270.0	3.99								
300.0	3.68								
330.0	2.46								
360.0	1.69								