

浙大三色

Email:sensing@sensingm.com

Tel:+86 571 85021543 Fax:+86 571 87977635

ROLED

灯具名称: 投光灯

灯具描述: F3082B5-18-UN-RC-Y(12-XL-18RGBWN-AJ, L480mm, C, CT)

报告编号:

电压(V): 202.0000

测试编号: 20210224010

电流(A): 0.6570

光源规格型号: XL

功率(W): 131.5000

每个光源光通量(lm)

功率因数: 0.9910

光源数量: 18

镇流器型号:

发光面长度(mm): 420

发光面宽度(mm): 105

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 5705.15

灯具效能(lm/w): 43.39

中心光强(cd): 61298.000

最大光强(cd): 64766.540

最大光强角度: C=30.0 γ =0.0

半峰边角(50%Imax): [C0/180]Total=13.9

[C90/270]Total=13.8

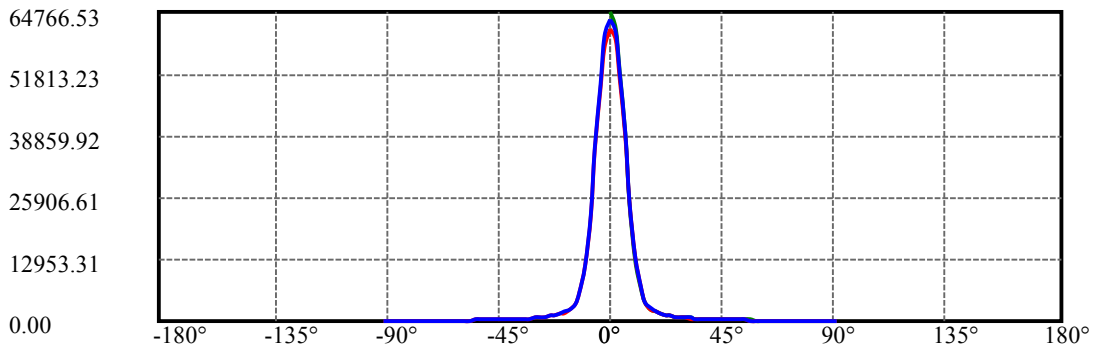
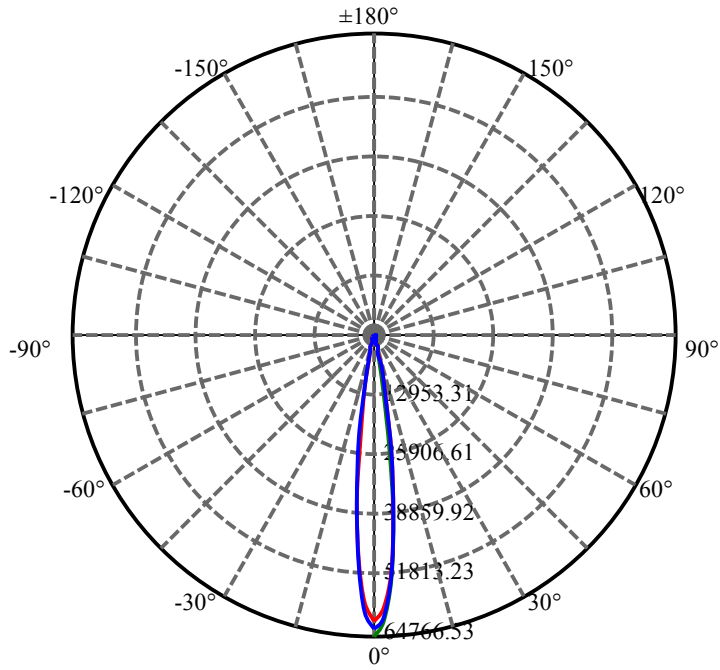
光束扩散角(10%Imax): [C0/180]Total=24.6

[C90/270]Total=24.4

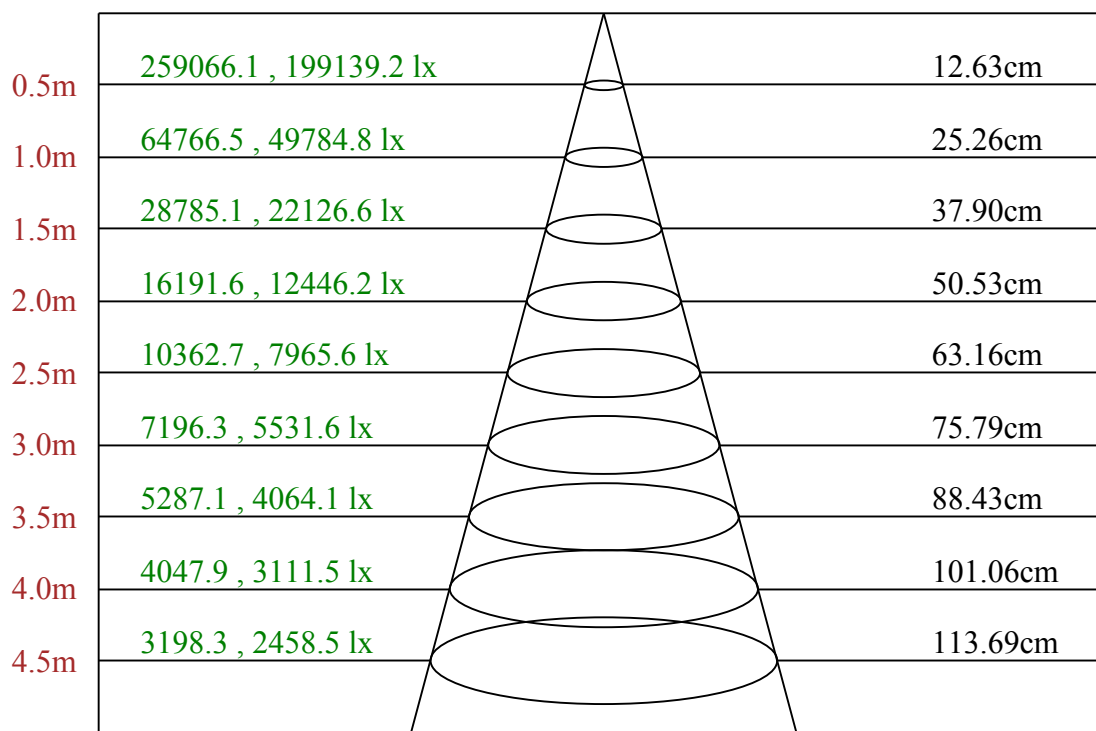
测试设备: GMS1800
环境温度(°C): 25.0

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

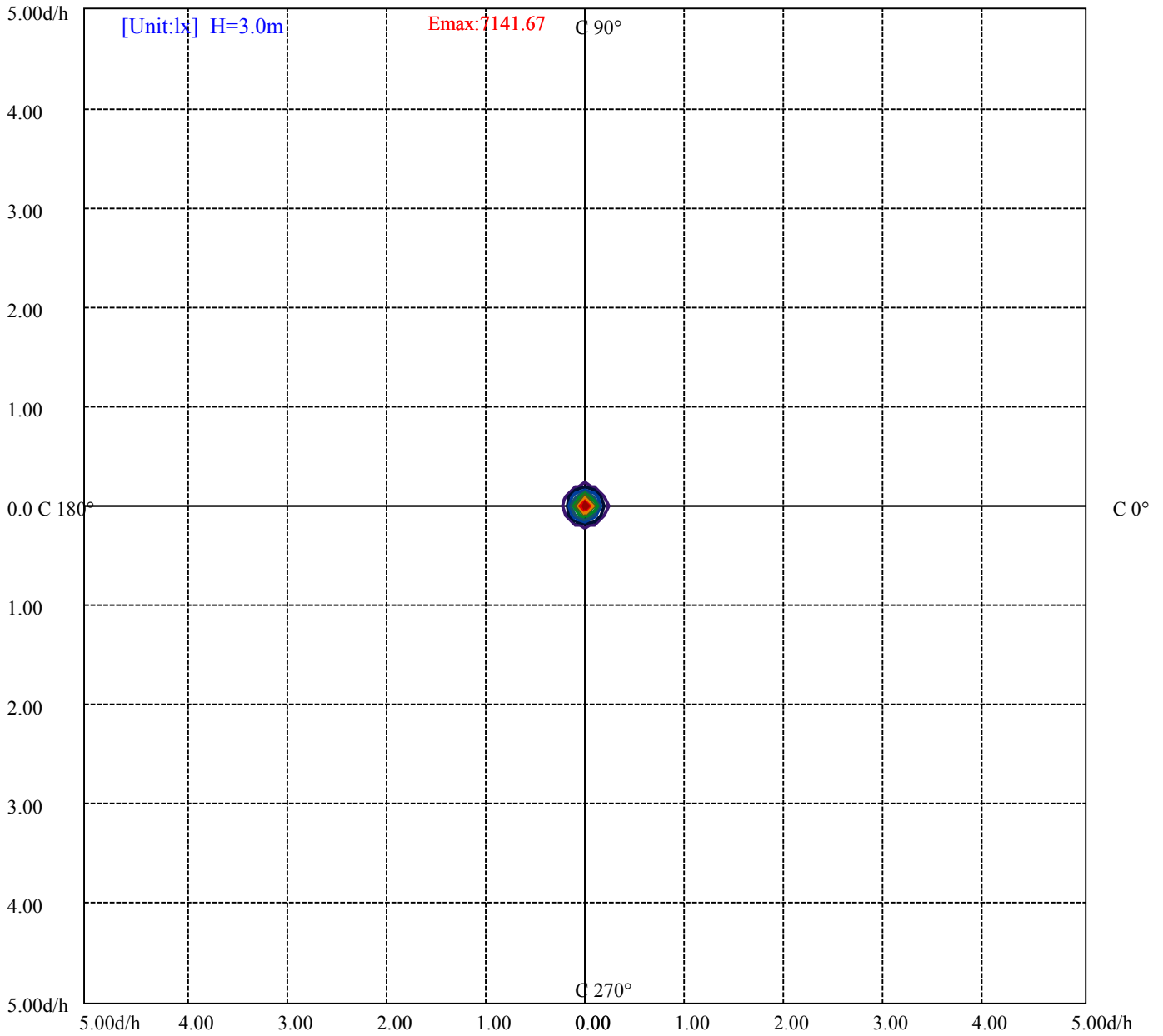


C30(Max): ——
C0/C180: ——
C90/C270: ——



Max , Ave C30面光束角14.40

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平面等照度曲线



- (10%Emax) 714.1667
- (20%Emax) 1428.333
- (30%Emax) 2142.5
- (40%Emax) 2856.667
- (50%Emax) 3570.833
- (60%Emax) 4285
- (70%Emax) 4999.167
- (80%Emax) 5713.333
- (90%Emax) 6427.5

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灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

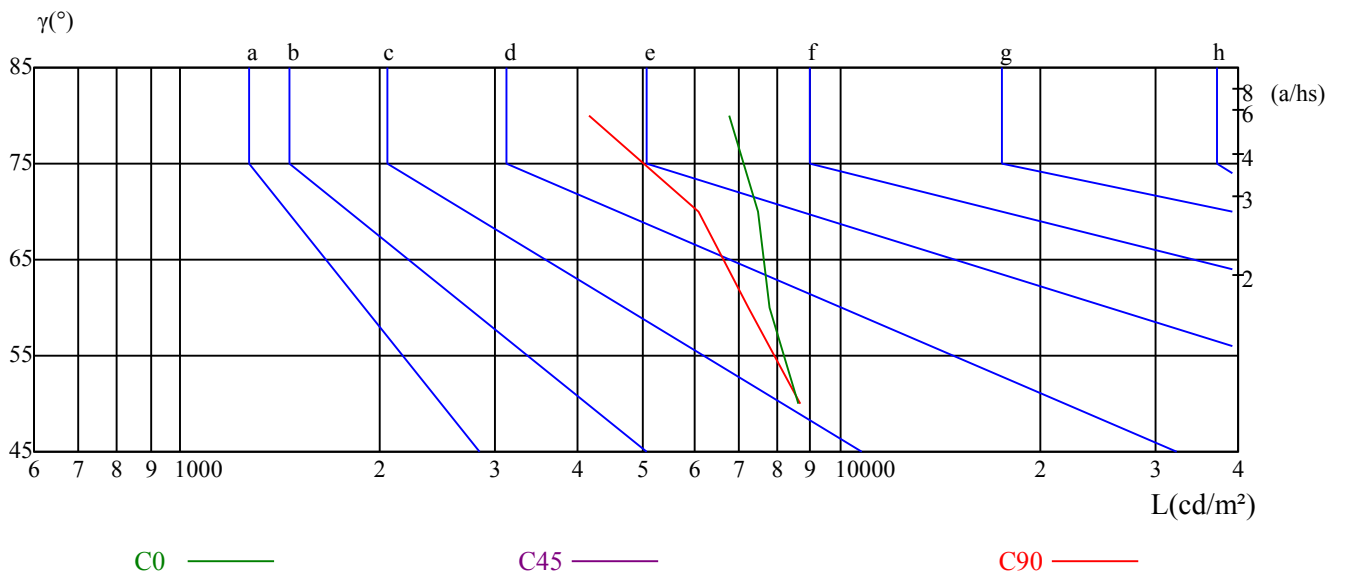
γ	45	50	55	60	65	70	75	80	85
C0	0	8630	0	7792	0	7494	0	6774	0
C45	0	0	0	0	0	0	0	0	0
C90	0	8682	0	7232	0	6090	0	4169	0

L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
654191	640605	0	619879	610591	0	291861	288797	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	8.29	9.32	8.65	9.63	9.95	8.64	9.67	9.01	9.98	10.30
	3H	9.67	10.58	10.05	10.91	11.28	10.46	11.37	10.84	11.70	12.07
	4H	10.15	10.99	10.55	11.34	11.73	11.13	11.98	11.54	12.33	12.72
	6H	10.42	11.19	10.84	11.56	11.96	11.61	12.39	12.03	12.76	13.16
	8H	10.46	11.19	10.90	11.58	11.99	11.76	12.49	12.20	12.88	13.29
	12H	10.50	11.20	10.94	11.58	12.01	11.94	12.63	12.37	13.01	13.45
4H	2H	8.84	9.68	9.25	10.04	10.43	9.12	9.96	9.52	10.31	10.70
	3H	10.38	11.07	10.80	11.48	11.89	11.19	11.88	11.60	12.29	12.69
	4H	10.95	11.57	11.39	11.99	12.44	11.97	12.58	12.40	13.01	13.46
	6H	11.25	11.78	11.72	12.23	12.70	12.45	12.98	12.92	13.43	13.90
	8H	11.32	11.81	11.80	12.26	12.74	12.63	13.12	13.10	13.57	14.05
	12H	11.36	11.79	11.85	12.28	12.75	12.81	13.23	13.30	13.72	14.20
8H	4H	11.20	11.70	11.68	12.15	12.62	12.10	12.59	12.58	13.04	13.52
	6H	11.62	12.01	12.13	12.51	13.00	12.68	13.07	13.19	13.58	14.06
	8H	11.74	12.09	12.28	12.61	13.11	12.93	13.27	13.46	13.79	14.29
	12H	12.34	12.64	12.86	13.14	13.71	13.63	13.93	14.15	14.43	15.00
12H	4H	11.20	11.63	11.69	12.12	12.59	12.07	12.50	12.57	12.99	13.47
	6H	11.95	12.00	12.18	12.47	13.02	12.98	13.03	13.22	13.50	14.05
	8H	11.81	12.11	12.33	12.61	13.19	12.96	13.26	13.48	13.76	14.33
对应照射距离，改变观察者位置S											
S = 1.0H	0.3/-0.5					0.3/-0.6					
S = 1.5H	0.8/-0.9					0.8/-0.7					
S = 2.0H	1.7/-1.1					1.0/-0.9					
标准表格	BK3					BK3					
更正系数	-0.4					0.3					

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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	61297.99	58742.63	50792.62	38238.35	25315.73	13551.86	7067.53	3936.64	2591.43
30.0	64766.53	61313.34	52450.15	39189.89	25047.15	12799.83	6645.48	3913.62	2546.15
60.0	63784.29	60162.28	51183.98	37647.47	22929.19	11854.42	6135.17	3518.42	2447.16
90.0	63039.94	60538.29	51790.21	39021.07	25254.34	13651.62	7067.53	4082.44	2639.77
120.0	62433.71	58827.04	49541.79	36557.79	22798.74	12676.28	6679.24	3958.89	2622.12
150.0	61842.83	58827.04	50570.08	38384.15	25185.28	13467.45	7297.75	4120.81	2726.49
180.0	61297.99	57284.62	48574.90	35729.03	21954.63	11607.33	6122.89	3506.91	2393.45
210.0	64766.53	61919.57	53700.97	40057.03	25331.08	13126.73	6661.59	3773.19	2566.11
240.0	63784.29	61244.28	53286.59	39926.57	25768.49	13214.21	6683.84	3921.29	2544.62
270.0	63039.94	59379.55	49618.53	36350.60	22376.68	11602.73	6103.71	3569.83	2392.68
300.0	62433.71	59287.47	50071.28	37486.32	23596.81	12776.81	6561.06	3898.27	2574.55
330.0	61842.83	57798.76	48482.82	35199.54	22062.06	12134.52	6263.32	3666.52	2487.83
360.0	61297.99	58742.63	50792.62	38238.35	25315.73	13551.86	7067.53	3936.64	2591.43
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	1890.81	1508.66	1255.43	1043.63	889.39	772.75	679.13	597.79	526.42
30.0	1925.35	1557.77	1277.68	1065.12	902.43	786.56	688.34	606.99	541.00
60.0	1865.49	1512.04	1245.91	1045.78	887.55	771.67	680.82	600.24	534.02
90.0	1988.27	1565.45	1297.63	1079.70	923.15	801.14	702.15	620.81	549.44
120.0	1952.20	1523.93	1301.70	1081.23	927.91	807.89	707.60	625.41	553.35
150.0	2005.92	1587.70	1310.68	1087.37	920.85	798.84	705.22	617.74	548.67
180.0	1801.03	1453.18	1198.95	1010.17	861.30	750.26	663.17	583.05	515.14
210.0	1919.97	1522.24	1272.08	1062.05	900.44	778.43	685.65	605.84	536.93
240.0	1897.72	1526.31	1264.64	1042.86	882.48	764.31	671.45	593.95	531.02
270.0	1811.01	1492.39	1227.42	1029.97	881.87	767.15	671.45	596.94	529.41
300.0	1933.02	1547.03	1272.31	1054.37	900.90	791.16	691.41	611.60	542.53
330.0	1857.05	1506.82	1249.44	1039.79	891.77	776.20	684.04	602.70	536.17
360.0	1890.81	1508.66	1255.43	1043.63	889.39	772.75	679.13	597.79	526.42
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	466.56	415.92	382.92	340.10	309.25	284.54	263.98	244.64	226.84
30.0	481.91	430.50	389.06	353.45	320.92	295.21	273.03	252.01	234.05
60.0	475.70	427.89	385.30	348.24	317.39	290.68	268.35	246.94	229.06
90.0	488.82	437.40	396.73	357.37	323.45	291.22	267.28	246.10	228.37
120.0	491.66	439.02	395.81	356.37	323.99	294.90	272.96	250.78	231.44
150.0	488.05	435.10	390.59	353.68	321.68	293.91	271.80	250.39	232.05
180.0	456.21	409.63	368.42	335.04	305.49	281.55	260.06	241.42	223.77
210.0	481.91	433.49	393.43	354.60	324.29	296.97	275.64	255.15	236.89
240.0	473.47	425.13	387.52	349.54	317.39	290.07	267.66	246.56	226.99
270.0	471.94	426.89	382.46	341.02	307.64	281.17	259.60	240.04	220.70
300.0	480.38	430.50	389.06	351.15	318.38	292.22	268.20	247.40	226.84
330.0	476.31	427.12	386.07	348.01	316.62	289.76	268.35	247.48	228.60
360.0	466.56	415.92	382.92	340.10	309.25	284.54	263.98	244.64	226.84
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	211.49	199.13	185.47	171.82	160.38	148.79	136.75	124.93	113.03
30.0	218.01	205.35	192.76	181.10	168.52	155.78	144.04	131.45	118.56
60.0	213.64	200.59	187.09	172.81	154.93	138.05	122.93	108.89	96.00
90.0	212.56	197.22	177.88	159.46	144.04	131.37	118.56	105.36	91.85
120.0	215.86	201.05	186.01	169.90	153.09	134.37	115.87	101.37	87.48
150.0	216.32	203.28	190.46	178.03	166.29	153.71	141.96	128.84	116.79
180.0	209.11	196.52	182.56	169.36	157.24	146.26	134.75	122.63	110.73
210.0	220.70	208.42	195.37	182.87	170.74	157.31	144.27	131.91	118.18
240.0	211.49	197.98	183.17	164.76	148.41	133.29	119.71	106.44	93.08
270.0	201.97	184.02	165.98	150.94	137.36	124.62	111.27	97.92	85.26
300.0	210.64	196.68	182.41	163.83	146.34	131.76	117.26	104.13	90.70
330.0	214.17	201.28	188.39	175.96	164.06	150.94	139.05	126.62	113.11
360.0	211.49	199.13	185.47	171.82	160.38	148.79	136.75	124.93	113.03

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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	100.30	88.02	76.20	64.69	51.87	38.60	27.09	16.42	5.76
30.0	105.21	90.78	71.06	54.71	41.67	28.93	20.49	7.29	3.30
60.0	82.57	69.60	55.86	46.66	39.44	19.88	10.28	6.37	3.53
90.0	79.58	66.92	56.94	49.80	31.92	17.57	12.20	6.91	3.99
120.0	77.27	64.77	49.96	41.82	32.38	17.04	9.13	6.37	3.22
150.0	103.44	87.94	67.38	50.88	38.52	26.24	18.72	7.52	3.22
180.0	98.38	86.41	73.59	62.69	48.50	36.37	24.63	14.20	4.07
210.0	103.52	85.33	66.76	51.72	40.21	27.40	19.34	6.75	3.15
240.0	79.27	67.07	54.56	45.12	38.22	19.49	10.21	7.06	2.53
270.0	72.44	61.77	53.10	44.89	26.93	14.43	11.51	5.06	2.61
300.0	77.74	65.00	53.26	43.97	36.37	18.34	9.75	6.45	2.46
330.0	99.53	81.73	62.92	48.65	37.37	25.02	17.88	5.37	2.61
360.0	100.30	88.02	76.20	64.69	51.87	38.60	27.09	16.42	5.76

C/γ(°)	90.0
0.0	0.77
30.0	1.07
60.0	0.92
90.0	1.23
120.0	1.07
150.0	1.15
180.0	0.69
210.0	1.00
240.0	0.84
270.0	0.69
300.0	0.69
330.0	0.77
360.0	0.77