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ROLED

灯具名称: 投光灯
灯具描述: F1073C2.5-5-UN(3-OT-5WH-AJ.P1)
报告编号: 电压(V): 219.8000
测试编号: 20211213003 电流(A): 0.2310
光源规格型号: OT 功率(W): 45.5000
每个光源光通量(lm) 功率因数: 0.8960
光源数量: 5 镇流器型号:
发光面长度(mm): 145 发光面宽度 (mm): 145
测试模式: C 发光面高度(mm): 0

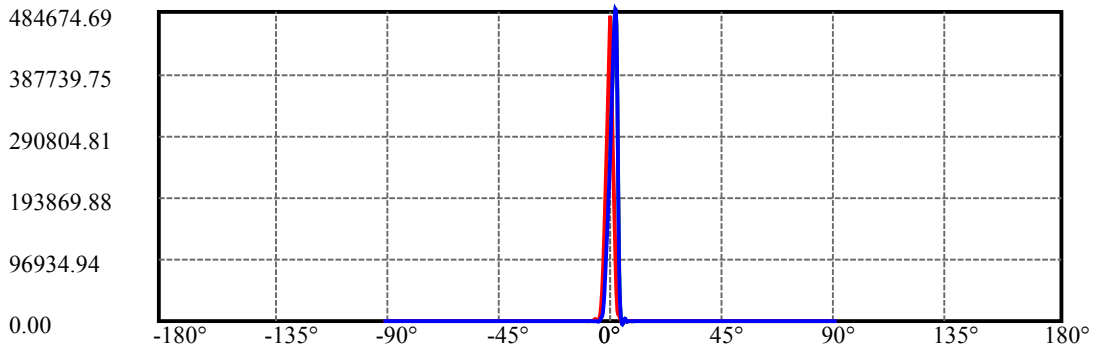
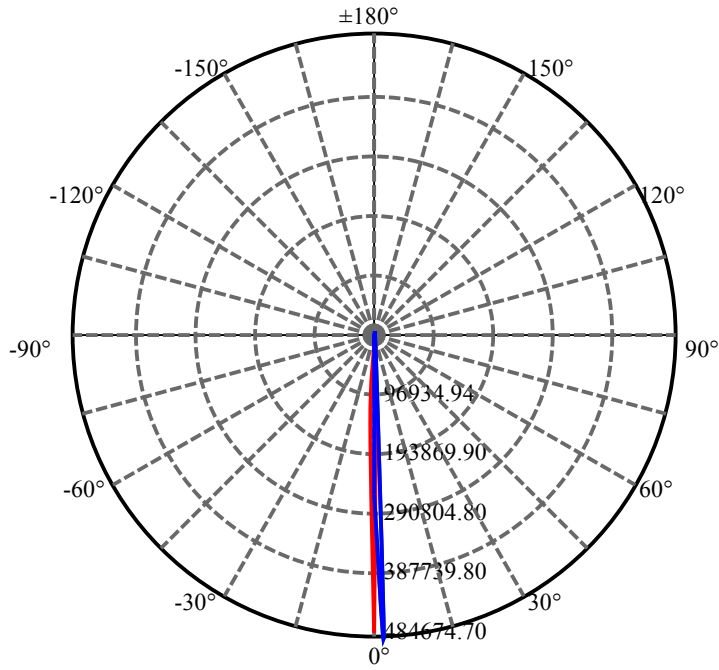
光度结果

灯具光通量(lm): 2742.17
灯具效能(lm/w): 60.27
中心光强(cd): 479610.000
最大光强(cd): 484674.700
最大光强角度: C=90.0 $\gamma=2.0$
半峰边角(50%Imax): [C0/180]Total=2.6
 [C90/270]Total=4.8
光束扩散角(10%Imax): [C0/180]Total=6.2
 [C90/270]Total=7.7

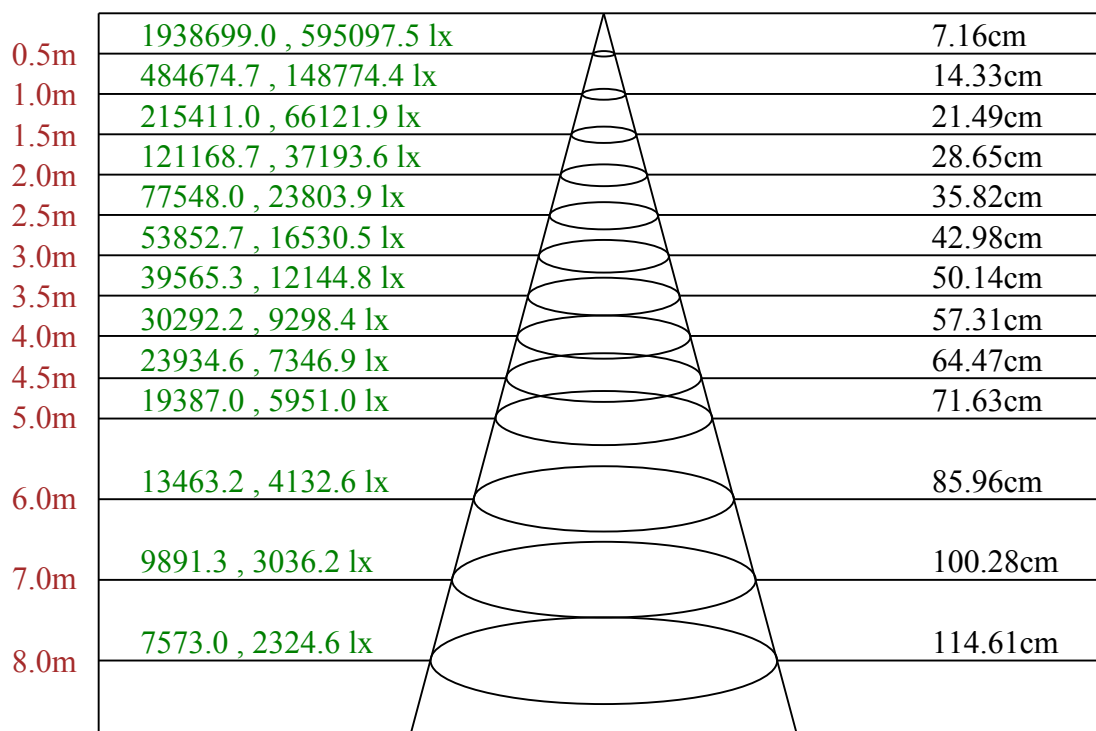
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/12/13
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

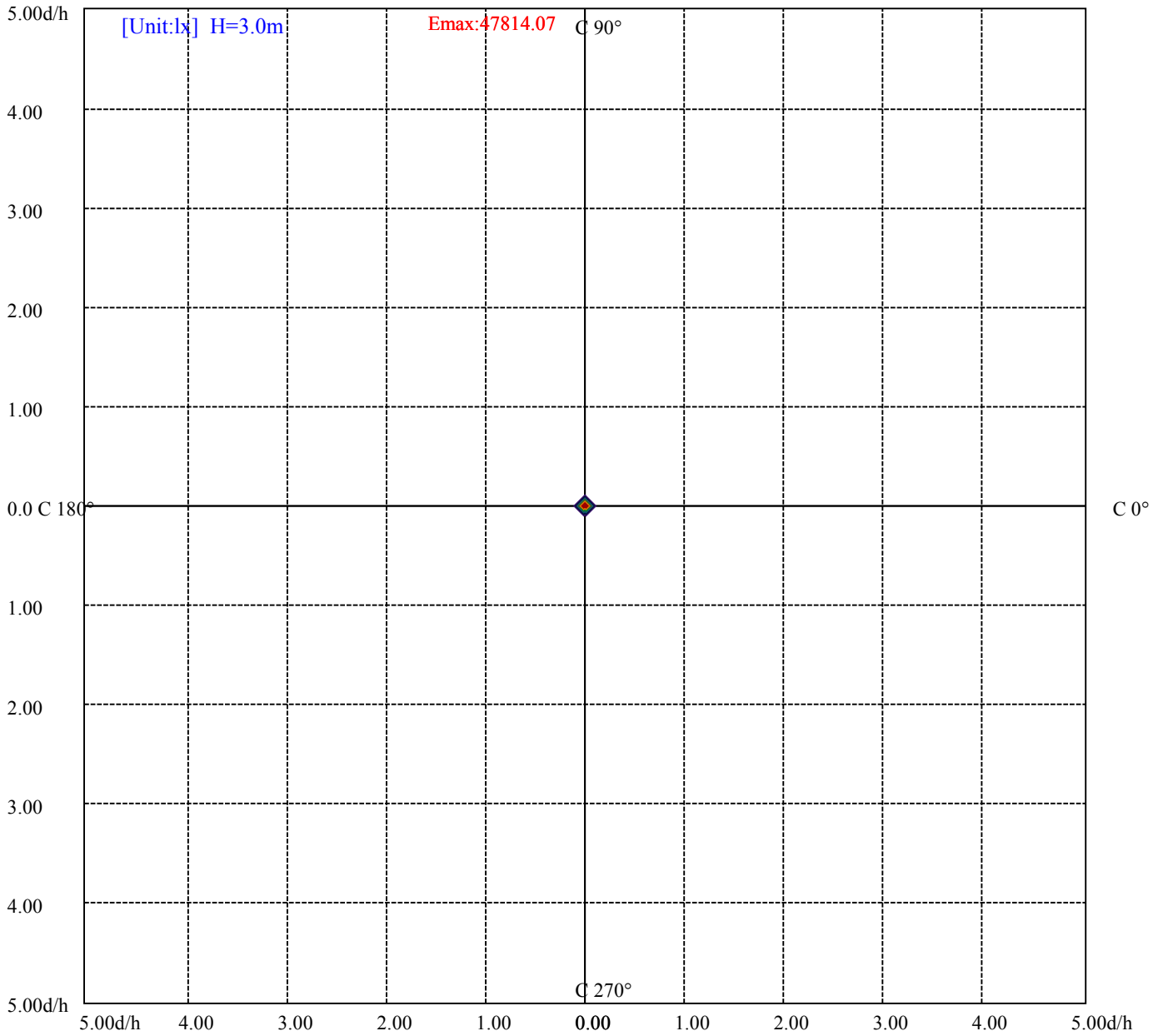


C90(Max): ——
C0/C180: ——
C90/C270: ——



Max , Ave C90面光束角8.19

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平面等照度曲线



- (10%Emax) 4781.4
- (20%Emax) 9562.801
- (30%Emax) 14344.22
- (40%Emax) 19125.55
- (50%Emax) 23907
- (60%Emax) 28688.45
- (70%Emax) 33469.78
- (80%Emax) 38251.22
- (90%Emax) 43032.55

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灯具的亮度限制曲线(灯具无发光侧边)

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亮度值表

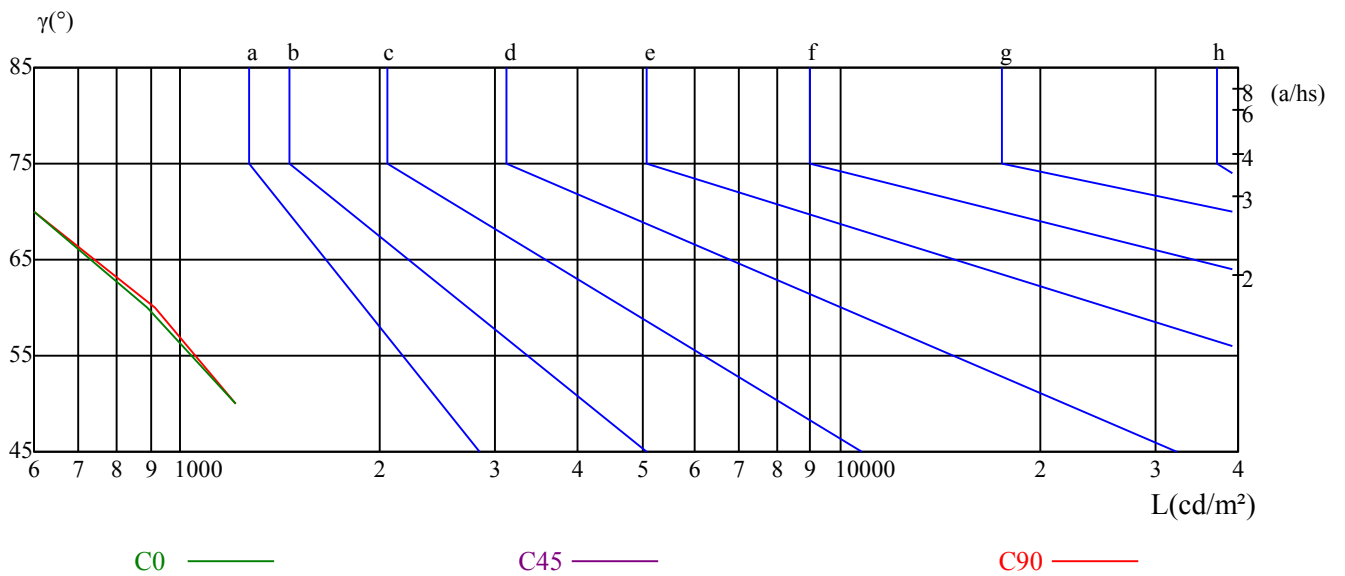
γ	45	50	55	60	65	70	75	80	85
C0	0	1209	0	891	0	459	0	273	0
C45	0	0	0	0	0	0	0	0	0
C90	0	1209	0	912	0	470	0	420	0

L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
438060	481798	0	214806	216964	0	35344	28916	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
		a	b	c	d	e	f	g	h

亮度限制曲线



测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/12/13
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

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	-3.51	-2.58	-3.14	-2.27	-1.95	-3.62	-2.69	-3.26	-2.38	-2.06
	3H	-2.89	-2.08	-2.51	-1.74	-1.37	-3.00	-2.18	-2.62	-1.85	-1.48
	4H	-2.72	-1.96	-2.31	-1.61	-1.22	-2.81	-2.05	-2.40	-1.70	-1.31
	6H	-2.63	-1.94	-2.21	-1.56	-1.17	-2.74	-2.04	-2.32	-1.67	-1.27
	8H	-2.63	-1.98	-2.19	-1.59	-1.18	-2.75	-2.10	-2.31	-1.71	-1.30
	12H	-2.62	-2.01	-2.19	-1.62	-1.19	-2.76	-2.15	-2.33	-1.76	-1.33
4H	2H	-3.38	-2.62	-2.97	-2.27	-1.88	-3.48	-2.72	-3.07	-2.37	-1.98
	3H	-2.62	-2.00	-2.20	-1.59	-1.18	-2.73	-2.11	-2.31	-1.70	-1.30
	4H	-2.37	-1.82	-1.93	-1.40	-0.95	-2.47	-1.92	-2.04	-1.50	-1.05
	6H	-2.25	-1.78	-1.78	-1.33	-0.85	-2.37	-1.90	-1.89	-1.45	-0.97
	8H	-2.23	-1.80	-1.76	-1.35	-0.87	-2.37	-1.93	-1.89	-1.48	-1.00
	12H	-2.22	-1.85	-1.73	-1.36	-0.88	-2.38	-2.01	-1.89	-1.52	-1.04
8H	4H	-2.39	-1.95	-1.91	-1.50	-1.02	-2.48	-2.05	-2.00	-1.59	-1.12
	6H	-2.20	-1.86	-1.69	-1.36	-0.87	-2.31	-1.97	-1.80	-1.47	-0.98
	8H	-2.16	-1.85	-1.62	-1.33	-0.83	-2.28	-1.98	-1.74	-1.45	-0.95
	12H	-1.52	-1.27	-1.00	-0.77	-0.18	-1.66	-1.40	-1.14	-0.90	-0.32
12H	4H	-2.43	-2.06	-1.94	-1.57	-1.09	-2.53	-2.15	-2.03	-1.66	-1.18
	6H	-2.04	-1.94	-1.70	-1.46	-0.91	-2.15	-2.04	-1.81	-1.57	-1.02
	8H	-2.16	-1.90	-1.64	-1.40	-0.82	-2.28	-2.02	-1.76	-1.52	-0.94
对应照射距离，改变观察者位置S											
S = 1.0H		1.1/-1.7					1.1/-1.6				
S = 1.5H		2.0/-2.2					2.0/-2.3				
S = 2.0H		3.9/-3.1					4.1/-3.5				
标准表格		BK2					BK2				
更正系数		-15.0					-15.1				

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光强数据表(cd)

C/γ(°)	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0
0.0	479610.00	70521.85	7336.11	1295.33	644.60	405.94	303.50	257.22	204.28
30.0	424051.98	182328.54	39519.86	3913.62	952.31	516.44	393.66	297.97	254.08
60.0	436636.94	150566.84	13965.48	2876.89	924.38	468.94	318.84	262.60	226.38
90.0	255689.68	484674.68	41131.35	4005.70	1115.00	474.24	332.81	258.91	229.06
120.0	445998.93	453672.69	13766.73	3328.88	1124.28	483.83	324.68	254.85	224.38
150.0	373635.37	482602.77	48498.16	4466.13	1200.94	517.98	356.98	259.99	230.14
180.0	479610.00	142494.05	14917.79	1943.00	861.61	496.65	349.00	271.11	237.66
210.0	424051.98	75563.51	9245.35	1504.90	727.86	434.33	319.15	270.88	220.93
240.0	436636.94	68142.99	8748.09	1204.78	578.60	389.06	261.98	230.90	188.47
270.0	255689.68	41845.01	3915.15	908.80	452.52	313.17	240.11	214.87	157.47
300.0	445998.93	59625.12	6515.02	1041.33	512.61	317.77	243.10	216.78	164.53
330.0	373635.37	47853.57	5515.13	961.29	502.94	309.33	240.50	211.72	158.39
360.0	479610.00	70521.85	7336.11	1295.33	644.60	405.94	303.50	257.22	204.28
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	137.74	106.51	88.56	78.43	85.87	75.36	67.15	61.77	54.87
30.0	179.18	130.84	108.66	90.86	83.18	88.48	74.21	65.69	59.32
60.0	159.77	114.80	96.54	82.42	74.36	79.19	70.98	64.31	60.47
90.0	174.50	114.49	90.86	77.81	71.52	72.98	71.98	61.31	54.41
120.0	169.51	114.19	93.08	79.50	73.82	80.42	76.51	62.23	55.94
150.0	174.42	119.48	94.39	79.27	70.68	77.89	75.89	62.62	57.78
180.0	165.98	114.57	92.01	79.58	75.28	86.56	72.36	63.39	54.33
210.0	153.40	119.63	99.30	85.87	102.60	83.41	68.60	63.46	57.94
240.0	129.46	102.29	87.56	76.89	81.80	74.59	64.84	61.77	57.86
270.0	110.04	89.17	76.97	81.34	84.41	71.60	63.31	56.25	51.18
300.0	113.88	91.47	79.19	79.27	104.36	82.80	70.29	61.85	54.25
330.0	108.74	87.25	75.74	73.36	73.82	68.53	62.54	58.09	52.64
360.0	137.74	106.51	88.56	78.43	85.87	75.36	67.15	61.77	54.87
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	48.27	38.14	32.23	29.62	26.09	21.03	18.42	16.35	14.43
30.0	55.63	47.04	39.83	33.00	32.92	30.16	22.64	18.88	17.11
60.0	55.71	46.27	39.60	36.14	33.46	32.69	24.02	19.49	17.04
90.0	50.80	43.66	34.61	30.08	29.08	27.78	19.18	16.35	14.27
120.0	51.49	43.51	36.07	31.77	29.24	30.62	23.48	18.57	16.88
150.0	53.10	45.20	37.29	32.69	28.55	31.77	23.56	17.80	15.50
180.0	51.18	42.13	33.76	29.70	26.78	23.10	18.03	15.81	13.89
210.0	51.64	42.51	37.45	31.92	34.69	26.32	20.34	17.88	16.50
240.0	51.11	42.51	36.68	32.61	35.45	26.32	21.72	19.72	17.88
270.0	44.81	35.53	32.08	29.16	25.17	18.95	16.58	14.89	13.28
300.0	46.66	40.52	34.84	31.23	32.54	23.79	19.34	17.42	15.81
330.0	44.74	37.14	32.77	30.08	29.85	22.10	18.19	16.42	14.89
360.0	48.27	38.14	32.23	29.62	26.09	21.03	18.42	16.35	14.43
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	13.12	12.05	10.51	9.36	7.90	6.14	4.83	3.91	3.30
30.0	15.42	13.35	11.36	10.05	8.75	6.91	5.29	4.45	3.68
60.0	14.96	12.74	10.21	9.06	7.67	6.29	5.14	4.37	3.68
90.0	12.97	11.66	10.97	9.59	8.36	6.68	5.14	4.14	3.38
120.0	14.58	12.43	10.74	9.21	7.90	6.68	5.14	4.22	3.53
150.0	13.43	11.36	9.82	8.44	7.14	6.29	4.91	3.91	3.38
180.0	12.58	11.20	10.28	9.29	8.29	7.14	5.29	3.99	3.38
210.0	14.35	12.12	10.67	9.13	7.75	6.75	5.06	4.14	3.45
240.0	15.42	13.28	11.36	9.67	7.90	6.45	5.14	4.22	3.45
270.0	12.28	11.05	9.67	8.67	7.37	6.06	4.76	3.84	2.99
300.0	13.28	11.43	10.05	8.44	7.21	5.76	4.68	3.91	3.45
330.0	12.58	10.59	9.13	7.67	6.52	5.14	4.14	3.38	2.84
360.0	13.12	12.05	10.51	9.36	7.90	6.14	4.83	3.91	3.30

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光强数据表(cd)

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C/γ(°)	72.0	74.0	76.0	78.0	80.0	82.0	84.0	86.0	88.0
0.0	2.92	2.53	2.07	1.53	1.00	0.61	0.31	0.15	0.00
30.0	3.15	2.61	2.23	1.69	1.38	0.92	0.54	0.31	0.08
60.0	3.07	2.53	2.07	1.76	1.30	0.92	0.54	0.23	0.00
90.0	2.92	2.61	2.30	2.00	1.53	1.07	0.61	0.38	0.08
120.0	3.15	2.84	2.30	1.76	1.23	0.84	0.46	0.31	0.08
150.0	2.92	2.46	2.00	1.46	1.15	0.77	0.46	0.31	0.08
180.0	2.99	2.69	2.00	1.46	1.07	0.77	0.46	0.23	0.15
210.0	2.92	2.46	2.07	1.61	1.15	0.77	0.46	0.08	0.00
240.0	2.92	2.46	2.00	1.61	1.07	0.69	0.38	0.15	0.08
270.0	2.53	2.15	1.69	1.23	0.84	0.46	0.31	0.00	0.00
300.0	3.07	2.30	1.69	1.23	0.84	0.46	0.23	0.08	0.00
330.0	2.38	1.84	1.46	1.15	0.77	0.38	0.31	0.08	0.00
360.0	2.92	2.53	2.07	1.53	1.00	0.61	0.31	0.15	0.00

C/γ(°)	90.0
0.0	0.00
30.0	0.00
60.0	0.00
90.0	0.00
120.0	0.08
150.0	0.00
180.0	0.00
210.0	0.00
240.0	0.00
270.0	0.00
300.0	0.00
330.0	0.00
360.0	0.00