

浙大三色

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ROLED

灯具名称: 地埋灯

灯具描述: G3083S6-27-36DC (15-OD-27WN-AA, P1)

报告编号:

电压(V): 35.6000

测试编号: 20210408003

电流(A): 0.7260

光源规格型号: OD

功率(W): 25.8000

每个光源光通量(lm)

功率因数: 1.0350

光源数量: 27

镇流器型号:

发光面长度(mm): 960

发光面宽度(mm): 45

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 2484.67

灯具效能(lm/w): 96.31

中心光强(cd): 16751.820

最大光强(cd): 17089.460

最大光强角度: C=90.0 γ =2.0

半峰边角(50%Imax): [C0/180]Total=16.4

[C90/270]Total=16.4

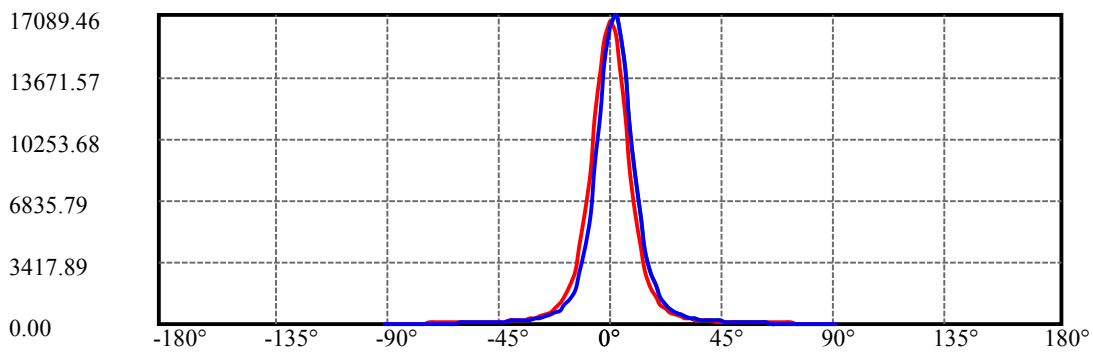
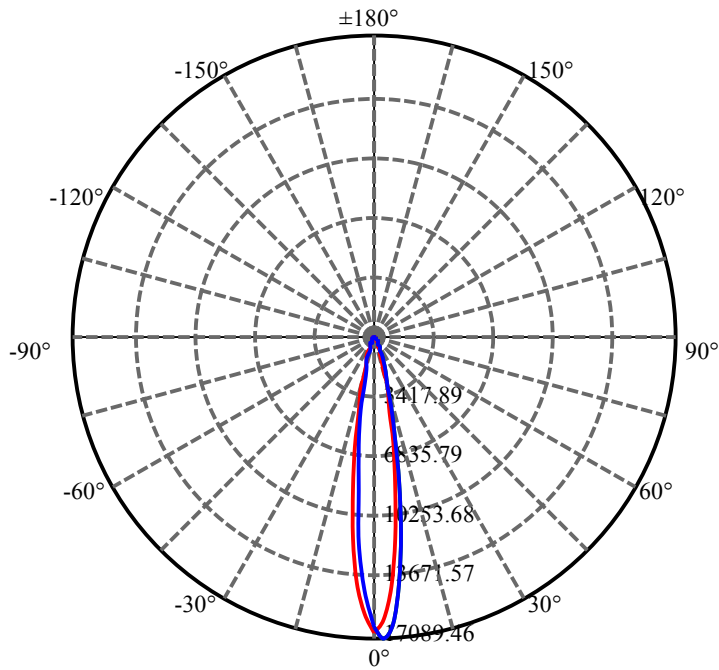
光束扩散角(10%Imax): [C0/180]Total=34.8

[C90/270]Total=34.5

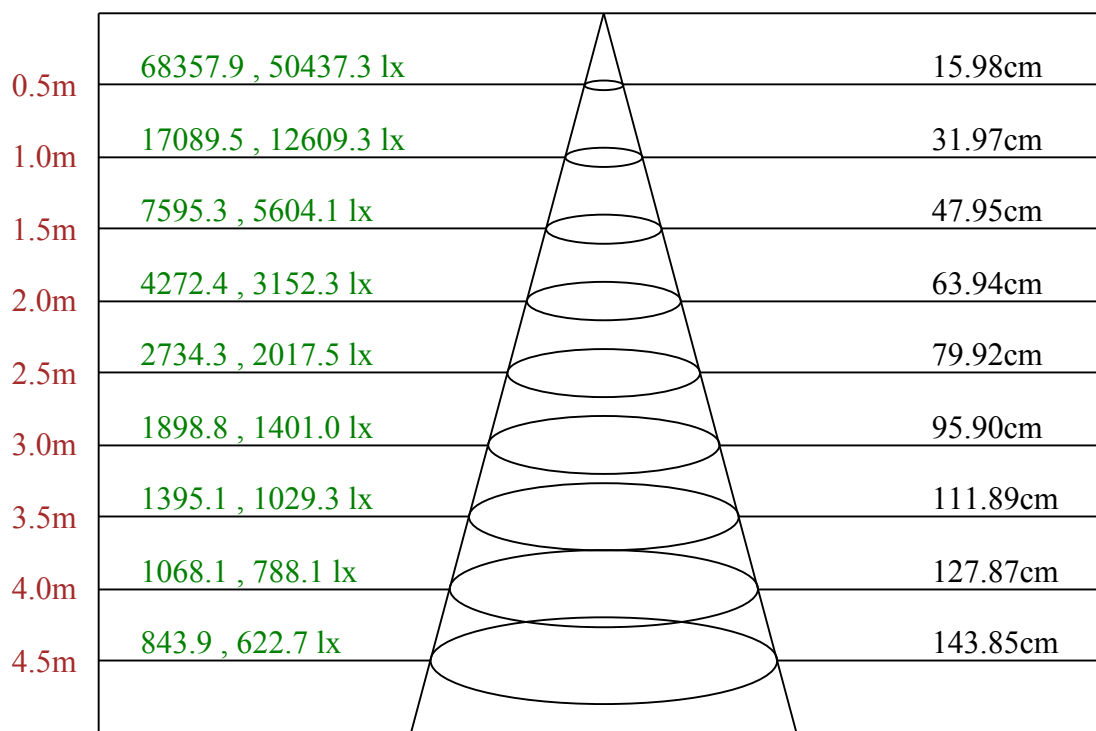
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/4/8
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

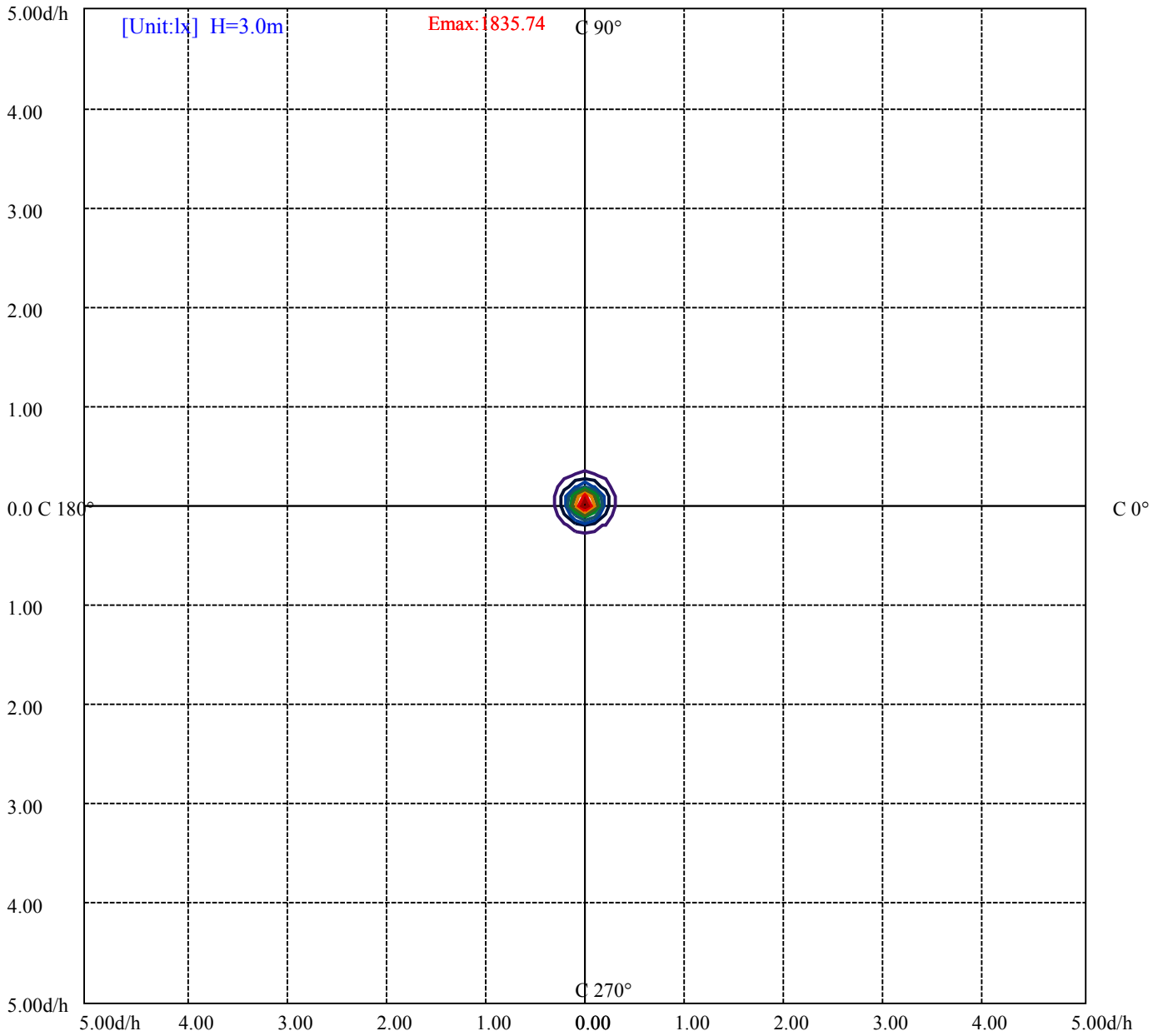


C90(Max): —
C0/C180: —
C90/C270: —



Max , Ave C90面光束角18.14

ROLED 地埋灯
平面等照度曲线



(10%Emax) 183.5733	——
(20%Emax) 367.1478	——
(30%Emax) 550.7211	——
(40%Emax) 734.2944	——
(50%Emax) 917.8689	——
(60%Emax) 1101.442	——
(70%Emax) 1285.011	——
(80%Emax) 1468.589	——
(90%Emax) 1652.167	——

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灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

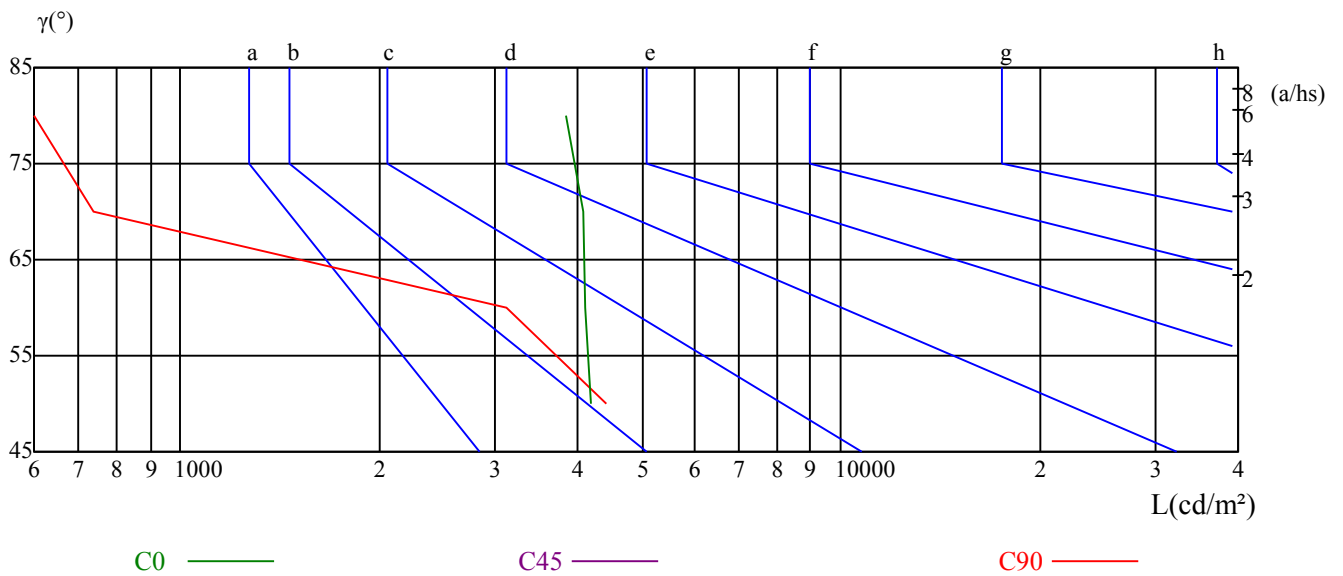
γ	45	50	55	60	65	70	75	80	85
C0	0	4189	0	4093	0	4077	0	3826	0
C45	0	0	0	0	0	0	0	0	0
C90	0	4416	0	3126	0	737	0	225	0

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

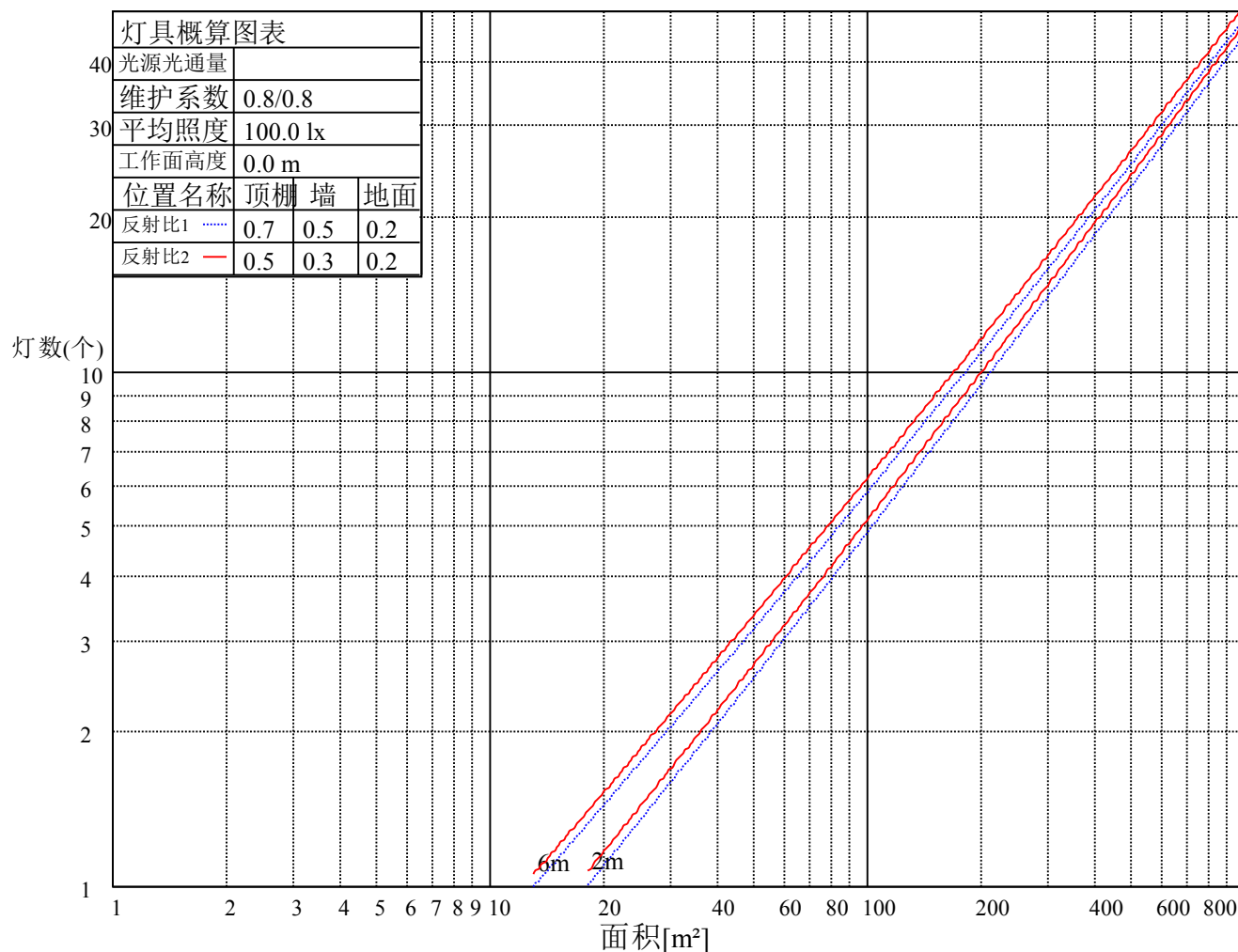
亮度限制曲线



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	8.59	9.63	8.95	9.94	10.26	9.77	10.81	10.13	11.12	11.44
	3H	8.72	9.64	9.10	9.97	10.34	11.67	12.59	12.05	12.93	13.29
	4H	8.64	9.50	9.05	9.85	10.24	12.33	13.19	12.74	13.54	13.93
	6H	8.54	9.33	8.96	9.70	10.10	12.81	13.59	13.23	13.97	14.36
	8H	8.49	9.23	8.93	9.62	10.03	12.97	13.71	13.41	14.10	14.51
	12H	8.44	9.14	8.88	9.53	9.96	13.18	13.89	13.62	14.27	14.70
4H	2H	9.12	9.98	9.53	10.33	10.72	10.08	10.94	10.49	11.29	11.68
	3H	9.29	9.99	9.71	10.40	10.80	12.21	12.91	12.63	13.32	13.72
	4H	9.20	9.82	9.64	10.25	10.69	12.92	13.55	13.36	13.97	14.42
	6H	9.10	9.64	9.57	10.09	10.56	13.37	13.91	13.84	14.36	14.83
	8H	9.04	9.54	9.52	9.99	10.46	13.55	14.05	14.03	14.50	14.98
	12H	8.99	9.42	9.48	9.90	10.38	13.77	14.20	14.26	14.69	15.17
8H	4H	9.38	9.88	9.86	10.33	10.80	12.82	13.32	13.30	13.77	14.25
	6H	9.28	9.68	9.79	10.18	10.66	13.28	13.67	13.79	14.18	14.66
	8H	9.22	9.57	9.75	10.09	10.59	13.48	13.83	14.01	14.35	14.85
	12H	9.87	10.17	10.39	10.67	11.25	14.32	14.62	14.84	15.12	15.70
12H	4H	9.35	9.78	9.84	10.27	10.75	12.77	13.19	13.26	13.68	14.16
	6H	9.56	9.60	9.78	10.07	10.62	13.52	13.57	13.75	14.04	14.59
	8H	9.20	9.50	9.72	10.00	10.58	13.43	13.74	13.96	14.23	14.81
对应照射距离，改变观察者位置S											
S = 1.0H	0.6/-0.7					0.3/-0.6					
S = 1.5H	1.0/-2.0					0.9/-0.8					
S = 2.0H	3.8/-4.4					1.0/-0.9					
标准表格	BK2					BK2					
更正系数	-4.3					-2.1					

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灯具的概算曲线



ROLED 地埋灯

灯具的利用系数表

RHOCC	80			70			50			30			10			0
RHOW	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	COEFFICIENTS OF UTILIZATION RHOFC=20 CU															
0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.12	1.10	1.08	1.10	1.08	1.06	1.06	1.04	1.03	1.02	1.01	1.00	0.99	0.98	0.97	0.95
2	1.05	1.02	0.99	1.04	1.01	0.98	1.01	0.98	0.96	0.98	0.96	0.94	0.95	0.93	0.92	0.90
3	1.00	0.96	0.93	0.99	0.95	0.92	0.96	0.93	0.90	0.94	0.91	0.89	0.92	0.90	0.88	0.86
4	0.95	0.91	0.87	0.94	0.90	0.87	0.92	0.89	0.86	0.90	0.87	0.85	0.89	0.86	0.84	0.83
5	0.91	0.87	0.83	0.91	0.86	0.83	0.89	0.85	0.82	0.87	0.84	0.82	0.86	0.83	0.81	0.80
6	0.88	0.83	0.80	0.87	0.83	0.80	0.86	0.82	0.79	0.85	0.81	0.79	0.83	0.80	0.78	0.77
7	0.85	0.80	0.77	0.84	0.80	0.77	0.83	0.79	0.76	0.82	0.79	0.76	0.81	0.78	0.76	0.75
8	0.82	0.78	0.74	0.82	0.77	0.74	0.81	0.77	0.74	0.80	0.76	0.74	0.79	0.76	0.73	0.72
9	0.80	0.75	0.72	0.79	0.75	0.72	0.78	0.75	0.72	0.78	0.74	0.72	0.77	0.74	0.71	0.70
10	0.78	0.73	0.70	0.77	0.73	0.70	0.76	0.73	0.70	0.76	0.72	0.70	0.75	0.72	0.70	0.69

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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	16751.82	16061.18	14188.78	11479.94	8656.00	6123.66	4289.63	2959.00	2044.29
30.0	16475.56	16667.41	15462.63	13099.11	10282.84	7643.06	5371.63	3936.64	2596.80
60.0	16567.65	16935.99	15225.51	13350.04	10556.79	7739.75	5584.96	3882.16	2708.84
90.0	16437.19	17089.46	16237.68	14027.63	11180.67	8272.31	5977.86	4174.53	2905.29
120.0	16659.73	16935.99	15287.66	13322.41	10423.27	7661.48	5541.22	3855.30	2741.83
150.0	16613.69	16644.39	15339.85	12937.96	10144.71	7443.55	5356.28	3882.92	2618.29
180.0	16751.82	15677.49	13968.55	11450.78	8639.12	6286.34	4390.16	3018.86	2138.68
210.0	16475.56	15001.43	12477.53	9674.31	7008.45	4929.62	3377.99	2318.24	1513.88
240.0	16567.65	14933.14	12254.99	9469.42	6798.95	4611.93	3107.11	2169.37	1518.64
270.0	16437.19	14399.81	11710.16	8795.66	6154.36	4195.24	2817.04	1918.44	1386.11
300.0	16659.73	15017.55	12523.58	9576.85	6883.36	4757.73	3183.84	2173.21	1514.80
330.0	16613.69	15157.98	12796.76	9965.14	7346.09	5050.87	3437.08	2386.54	1521.40
360.0	16751.82	16061.18	14188.78	11479.94	8656.00	6123.66	4289.63	2959.00	2044.29
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	1484.11	1090.44	828.00	633.09	507.24	407.48	341.79	288.46	246.71
30.0	1873.93	1358.26	1020.61	776.58	603.92	484.21	392.90	328.51	278.79
60.0	1962.18	1423.18	1052.38	804.90	631.09	497.57	406.10	339.95	287.15
90.0	2088.80	1497.15	1099.65	846.42	655.34	516.44	422.82	352.46	297.97
120.0	1955.27	1418.34	1052.38	815.87	631.24	499.18	411.47	340.56	290.30
150.0	1860.12	1370.53	1015.24	784.26	610.83	488.05	396.73	331.35	280.71
180.0	1515.41	1122.59	842.58	659.87	520.13	423.13	348.62	292.91	250.93
210.0	1209.61	902.28	693.55	554.81	445.08	369.18	310.56	264.74	229.83
240.0	1105.02	847.18	656.11	519.51	421.29	351.61	296.74	255.38	223.61
270.0	1019.38	786.25	612.52	490.12	398.65	331.89	284.70	245.71	217.32
300.0	1118.83	844.88	653.04	524.12	424.36	353.76	298.13	255.92	222.46
330.0	1214.45	903.74	703.61	555.96	451.29	369.03	309.94	264.44	231.59
360.0	1484.11	1090.44	828.00	633.09	507.24	407.48	341.79	288.46	246.71
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	217.09	192.30	171.66	156.01	143.58	132.45	123.85	116.33	109.50
30.0	242.49	212.41	189.70	170.43	155.55	143.58	133.91	126.00	119.02
60.0	247.86	217.78	192.07	172.28	157.24	144.19	133.22	124.01	116.49
90.0	258.61	225.99	199.67	179.49	161.53	146.65	134.21	122.63	111.58
120.0	250.09	217.78	192.07	172.20	156.93	143.50	133.06	123.55	115.41
150.0	242.26	213.25	188.93	170.59	155.16	142.96	133.29	124.93	117.87
180.0	220.24	194.38	173.50	157.77	144.19	133.14	123.85	116.41	109.66
210.0	203.82	181.71	165.22	151.86	140.43	131.14	123.32	116.56	110.50
240.0	198.06	178.34	160.54	148.18	137.36	128.31	120.02	112.80	104.82
270.0	193.99	175.73	159.23	147.11	135.52	125.70	115.95	106.20	97.07
300.0	197.98	177.80	160.92	148.10	137.82	128.08	119.86	112.80	104.90
330.0	204.89	182.56	165.75	152.09	140.58	131.22	123.78	116.49	110.35
360.0	217.09	192.30	171.66	156.01	143.58	132.45	123.85	116.33	109.50
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	103.60	98.53	93.39	88.40	83.49	77.89	72.21	66.15	60.24
30.0	113.26	107.20	101.75	96.77	91.09	85.10	78.73	71.44	63.16
60.0	108.51	100.53	92.16	82.11	71.44	57.48	42.59	31.23	20.87
90.0	101.14	91.01	79.96	67.53	53.26	40.29	29.77	19.49	10.90
120.0	107.13	98.99	90.63	80.96	70.21	57.02	41.44	30.85	20.64
150.0	111.58	105.90	100.22	94.77	88.17	80.19	71.44	62.69	55.86
180.0	103.67	98.61	93.62	88.71	83.49	78.35	72.59	66.99	60.62
210.0	105.13	99.53	94.39	89.55	83.80	77.81	70.91	62.77	54.25
240.0	97.61	90.17	81.19	71.60	60.55	47.81	34.92	24.86	14.27
270.0	87.10	76.58	65.53	54.56	41.90	31.16	20.87	10.97	4.99
300.0	97.53	90.17	81.42	71.44	60.85	47.65	35.30	25.25	14.58
330.0	104.82	99.22	94.31	89.02	83.26	77.27	70.45	62.31	53.87
360.0	103.60	98.53	93.39	88.40	83.49	77.89	72.21	66.15	60.24

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光强数据表(cd)

附页 第 10页 共10页

C/γ(°)	72.0	74.0	76.0	78.0	80.0	82.0	84.0	86.0	88.0
0.0	53.64	46.96	40.67	34.84	28.70	22.02	15.42	8.67	2.38
30.0	54.25	43.82	28.70	15.88	6.60	3.68	2.30	0.84	0.61
60.0	11.82	4.60	3.61	2.99	2.23	1.07	0.92	0.84	0.54
90.0	4.83	4.07	3.45	2.76	1.69	1.00	1.00	0.84	0.46
120.0	11.05	4.37	3.61	2.99	2.15	1.07	1.00	0.84	0.54
150.0	48.50	38.75	25.09	13.58	5.76	3.38	2.07	0.77	0.54
180.0	54.02	47.42	41.28	35.15	29.31	22.87	16.11	9.21	2.99
210.0	44.66	32.69	18.88	8.52	4.07	2.53	0.92	0.69	0.31
240.0	6.14	3.99	3.38	2.46	1.38	1.00	0.92	0.54	0.08
270.0	4.22	3.53	2.69	1.69	1.07	1.00	0.84	0.46	0.08
300.0	6.22	3.91	3.38	2.46	1.38	1.00	1.00	0.61	0.15
330.0	44.89	32.77	19.11	8.90	4.07	2.76	1.07	0.77	0.31
360.0	53.64	46.96	40.67	34.84	28.70	22.02	15.42	8.67	2.38
C/γ(°)	90.0								
0.0	0.15								
30.0	0.23								
60.0	0.15								
90.0	0.15								
120.0	0.08								
150.0	0.15								
180.0	0.15								
210.0	0.08								
240.0	0.00								
270.0	0.00								
300.0	0.00								
330.0	0.08								
360.0	0.15								