

浙大三色

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ROLED

灯具名称: 投光灯

灯具描述: F3323A-15-36DC-RC-Y (3015-XL-15RGBWN-AJ, L1000, C, CT)

报告编号:

电压(V):

测试编号: 20210410002

电流(A):

光源规格型号: XL

功率(W): 76.3000

每个光源光通量(lm)

功率因数:

光源数量: 15

镇流器型号:

发光面长度(mm): 980

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): 3297.89

灯具效能(lm/w): 43.22

中心光强(cd): 18079.380

最大光强(cd): 18555.150

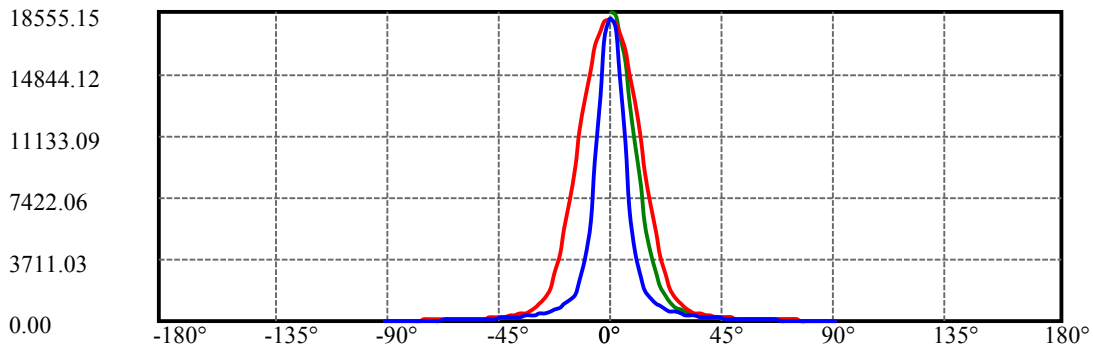
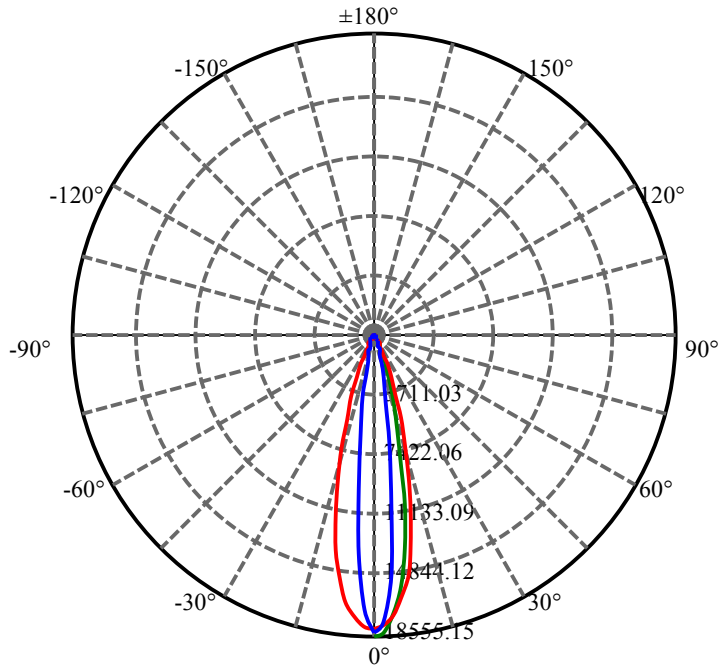
最大光强角度: C=30.0 γ =0.0

半峰边角(50%Imax): [C0/180]Total=28.3

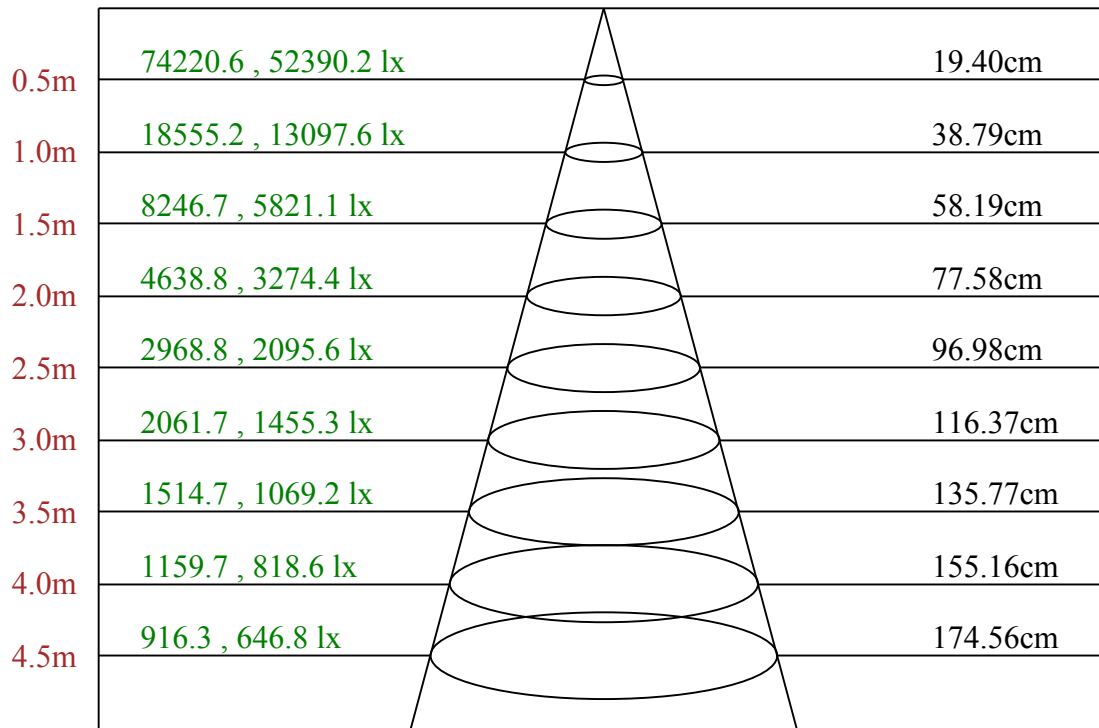
[C90/270]Total=13.0

光束扩散角(10%Imax): [C0/180]Total=49.4

[C90/270]Total=27.6

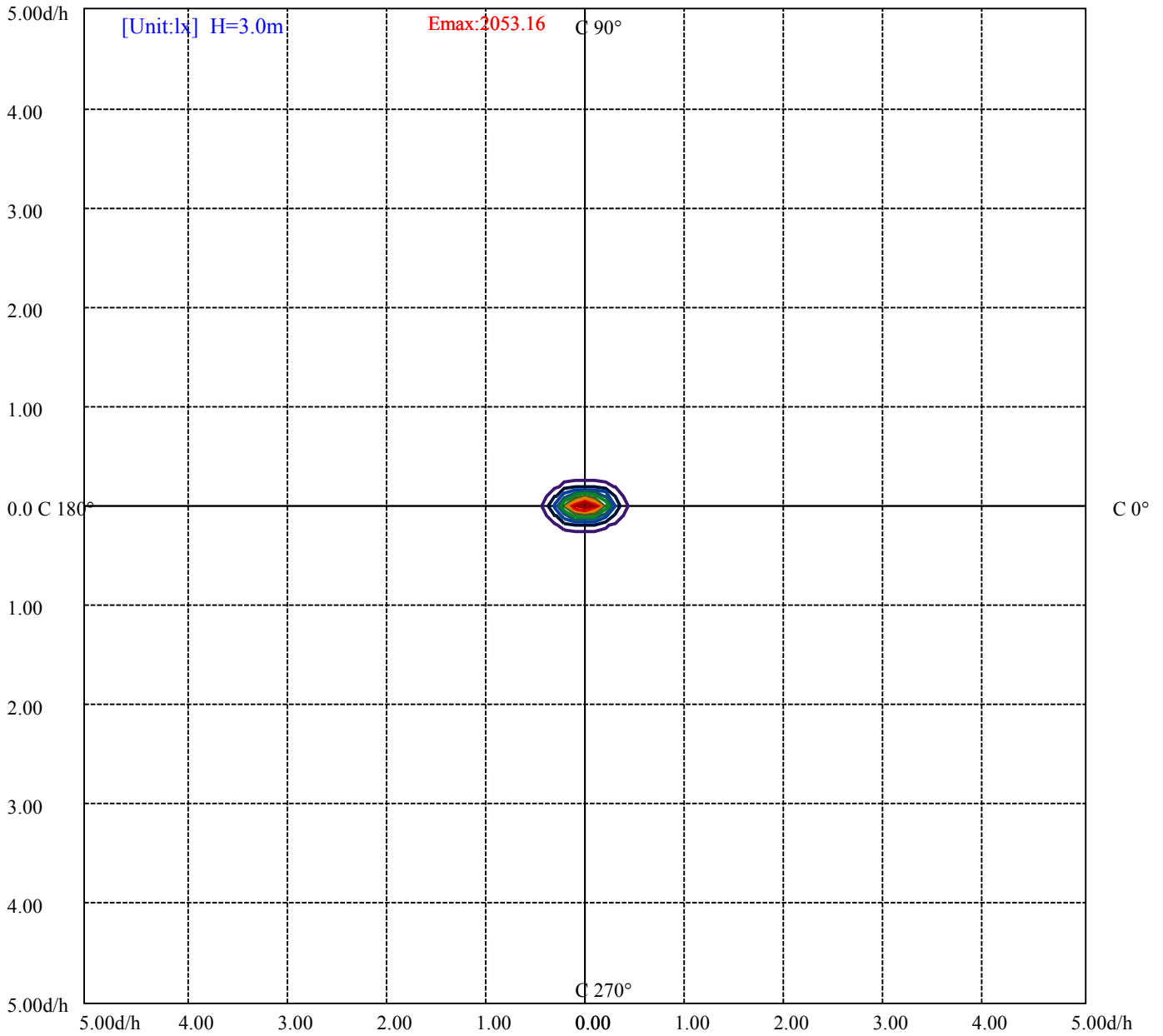


C30(Max): —
C0/C180: —
C90/C270: —



Max , Ave C30面光束角21.95

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平面等照度曲线



(10%Emax) 205.3156	—
(20%Emax) 410.63	—
(30%Emax) 615.9456	—
(40%Emax) 821.26	—
(50%Emax) 1026.576	—
(60%Emax) 1231.889	—
(70%Emax) 1437.211	—
(80%Emax) 1642.522	—
(90%Emax) 1847.833	—

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灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

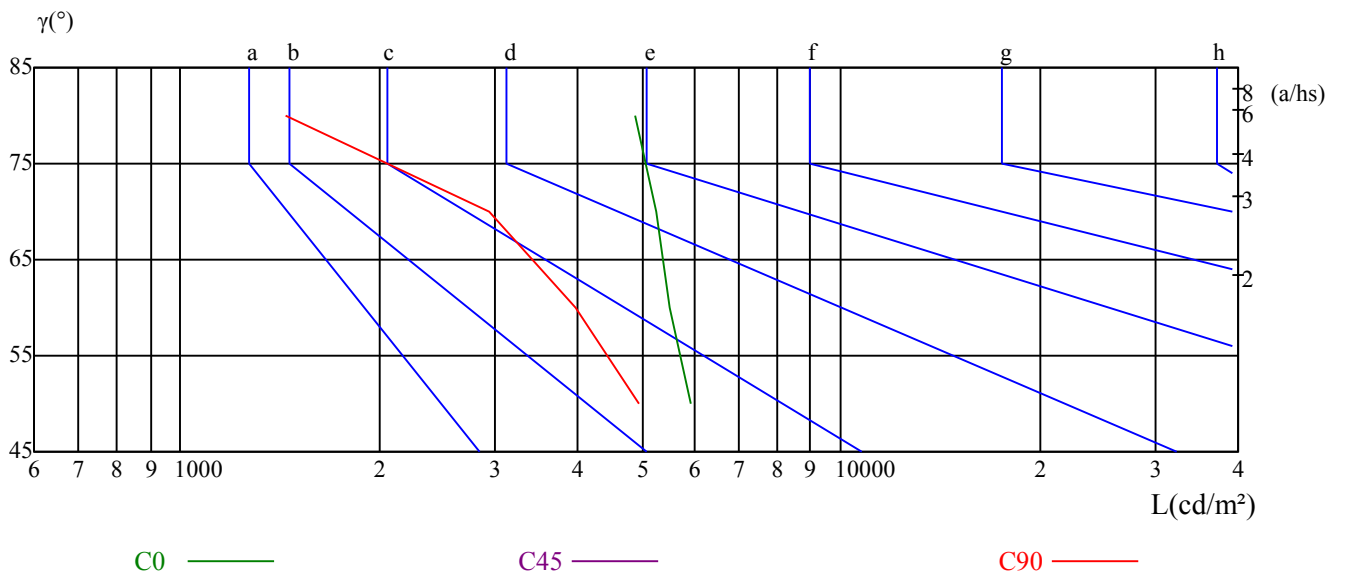
γ	45	50	55	60	65	70	75	80	85
C0	0	5929	0	5513	0	5266	0	4890	0
C45	0	0	0	0	0	0	0	0	0
C90	0	4954	0	3974	0	2941	0	1443	0

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

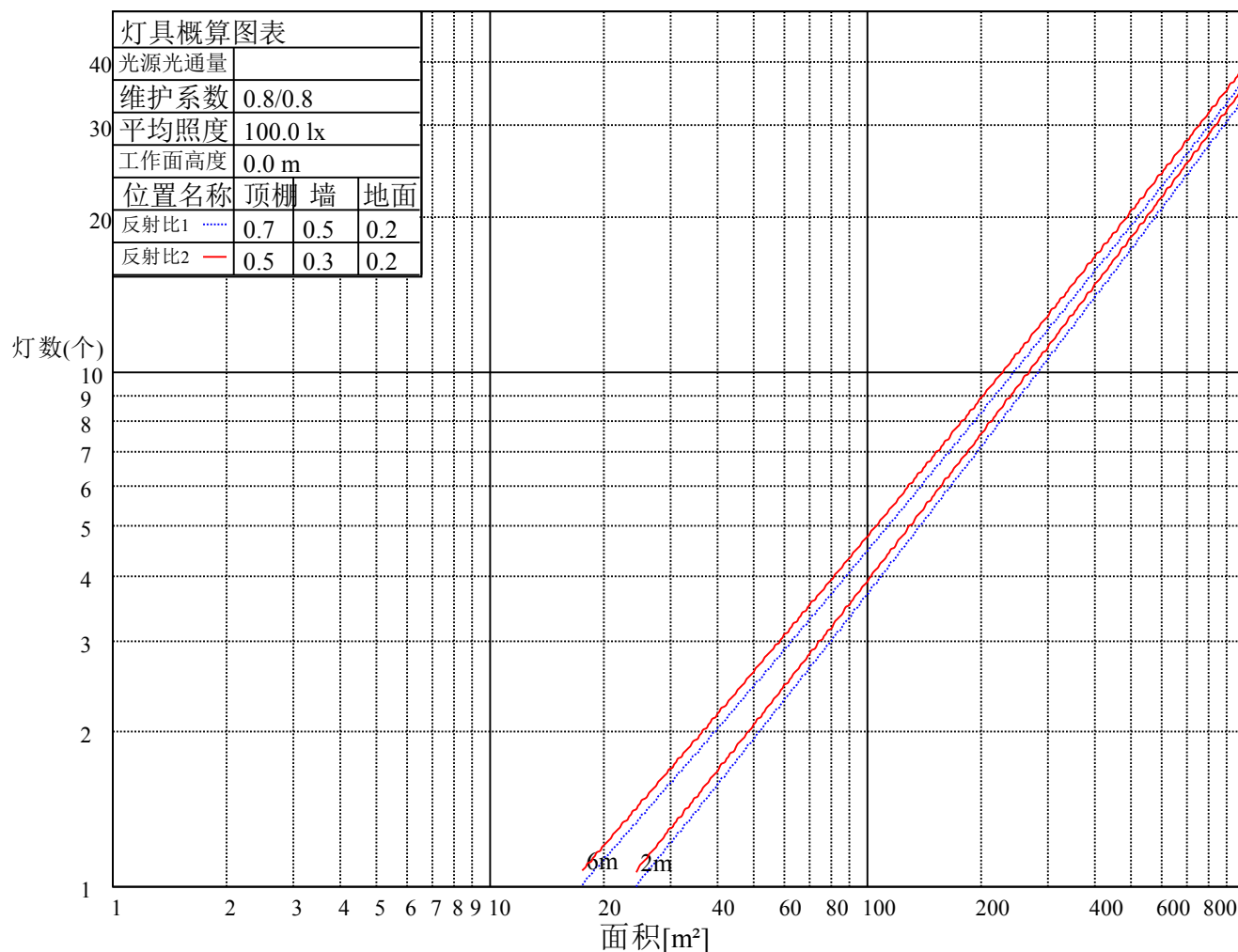
亮度限制曲线



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	8.33	9.37	8.69	9.69	10.00	9.83	10.88	10.20	11.19	11.50
	3H	9.44	10.36	9.82	10.69	11.06	11.78	12.70	12.16	13.04	13.41
	4H	9.66	10.52	10.07	10.88	11.26	12.47	13.33	12.88	13.69	14.07
	6H	9.73	10.51	10.15	10.89	11.29	12.98	13.77	13.40	14.14	14.54
	8H	9.72	10.46	10.16	10.85	11.26	13.16	13.90	13.59	14.29	14.70
	12H	9.72	10.43	10.16	10.81	11.24	13.39	14.10	13.83	14.48	14.92
4H	2H	9.02	9.88	9.43	10.23	10.62	10.21	11.07	10.62	11.42	11.81
	3H	10.22	10.92	10.64	11.33	11.74	12.42	13.13	12.84	13.53	13.94
	4H	10.48	11.11	10.92	11.54	11.98	13.20	13.83	13.64	14.25	14.70
	6H	10.56	11.10	11.03	11.55	12.02	13.69	14.23	14.16	14.68	15.15
	8H	10.55	11.05	11.03	11.50	11.98	13.90	14.40	14.37	14.85	15.32
	12H	10.56	10.99	11.05	11.48	11.95	14.14	14.57	14.63	15.06	15.54
8H	4H	10.77	11.27	11.25	11.72	12.20	13.22	13.72	13.69	14.17	14.64
	6H	10.87	11.27	11.38	11.77	12.25	13.75	14.15	14.26	14.65	15.14
	8H	10.88	11.23	11.41	11.75	12.25	14.00	14.35	14.53	14.87	15.37
	12H	11.53	11.83	12.05	12.33	12.91	14.80	15.10	15.32	15.60	16.18
12H	4H	10.76	11.20	11.25	11.69	12.16	13.16	13.60	13.65	14.08	14.56
	6H	11.19	11.23	11.41	11.70	12.25	14.02	14.06	14.24	14.53	15.08
	8H	10.91	11.22	11.43	11.71	12.29	13.97	14.27	14.49	14.77	15.35
对应照射距离，改变观察者位置S											
S = 1.0H	0.4/-0.6					0.4/-0.5					
S = 1.5H	0.9/-1.2					0.9/-0.8					
S = 2.0H	2.3/-1.7					1.8/-0.9					
标准表格	BK3					BK3					
更正系数	-2.6					-0.4					

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灯具的概算曲线



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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	1.11	1.09	1.07	1.09	1.07	1.05	1.05	1.04	1.02	1.02	1.00	0.99	0.98	0.97	0.96	0.94
2	1.05	1.01	0.98	1.03	1.00	0.97	1.00	0.97	0.95	0.97	0.95	0.93	0.94	0.92	0.91	0.89
3	0.99	0.95	0.91	0.98	0.94	0.91	0.95	0.92	0.89	0.93	0.90	0.88	0.91	0.88	0.86	0.85
4	0.94	0.90	0.86	0.93	0.89	0.85	0.91	0.87	0.84	0.89	0.86	0.83	0.87	0.85	0.83	0.81
5	0.90	0.85	0.82	0.89	0.85	0.81	0.87	0.84	0.80	0.86	0.82	0.80	0.84	0.81	0.79	0.78
6	0.86	0.81	0.78	0.86	0.81	0.78	0.84	0.80	0.77	0.83	0.79	0.77	0.82	0.79	0.76	0.75
7	0.83	0.78	0.75	0.83	0.78	0.75	0.81	0.77	0.74	0.80	0.77	0.74	0.79	0.76	0.74	0.72
8	0.80	0.75	0.72	0.80	0.75	0.72	0.79	0.75	0.72	0.78	0.74	0.71	0.77	0.74	0.71	0.70
9	0.78	0.73	0.70	0.77	0.73	0.70	0.76	0.72	0.69	0.76	0.72	0.69	0.75	0.72	0.69	0.68
10	0.75	0.71	0.68	0.75	0.71	0.68	0.74	0.70	0.67	0.74	0.70	0.67	0.73	0.70	0.67	0.66

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光强数据表(cd)

附页 第9页 共10页

C/γ(°)	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0
0.0	18079.38	17864.51	17265.96	16276.05	14879.42	13168.17	10988.82	9024.34	7021.49
30.0	18555.15	18286.57	17219.92	15539.36	13229.56	10605.14	8164.88	5916.47	4136.16
60.0	18401.68	17611.28	15183.30	11860.56	8115.00	5340.17	3456.26	2303.66	1525.85
90.0	18263.55	17565.24	14787.34	10666.53	6752.91	4189.87	2677.38	1863.19	1362.86
120.0	18194.49	17342.70	14816.50	11247.43	7727.48	4920.42	3239.09	2157.09	1516.72
150.0	18125.42	17803.12	16728.80	14818.03	12546.60	9899.15	7512.61	5348.61	3898.27
180.0	18079.38	17925.90	17388.74	16490.91	15079.71	13404.52	11413.95	9366.59	7300.05
210.0	18555.15	18071.71	16782.51	14797.31	12489.04	9843.13	7418.99	5445.30	3789.30
240.0	18401.68	17557.56	15186.37	11518.31	8019.08	5348.61	3959.66	2385.01	1649.86
270.0	18263.55	16959.01	13517.33	9548.46	6033.11	3798.51	2418.00	1618.40	1277.30
300.0	18194.49	17434.78	15002.20	11372.51	7996.06	5172.11	3890.60	2235.37	1597.68
330.0	18125.42	17657.32	16368.13	14355.30	12000.23	9305.20	6884.13	4865.16	3390.27
360.0	18079.38	17864.51	17265.96	16276.05	14879.42	13168.17	10988.82	9024.34	7021.49
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	5333.26	3921.29	2790.95	1995.18	1433.46	1044.40	785.79	621.58	495.73
30.0	2922.94	2041.99	1462.62	1108.09	854.86	681.43	556.35	468.10	394.43
60.0	1254.20	985.46	804.36	679.59	575.92	497.03	426.74	373.64	326.60
90.0	1062.82	867.14	715.96	605.46	518.75	453.52	396.73	351.84	307.95
120.0	1159.97	921.01	746.81	627.10	528.88	452.52	392.74	343.86	305.57
150.0	2559.20	1770.34	1262.33	943.87	741.29	594.72	491.89	416.69	357.98
180.0	5508.99	3992.66	2865.38	2003.62	1416.58	1040.72	781.88	607.53	487.67
210.0	2650.52	1868.56	1372.30	1032.58	812.04	646.67	532.94	450.37	381.31
240.0	1247.75	983.78	798.07	669.92	569.39	490.35	423.59	379.85	324.29
270.0	1019.08	830.07	688.49	589.73	507.54	439.17	383.69	338.41	296.67
300.0	1186.36	945.41	765.84	635.39	539.47	465.03	401.34	351.77	310.10
330.0	2345.87	1516.87	1216.52	924.30	734.46	590.27	489.74	412.08	353.15
360.0	5333.26	3921.29	2790.95	1995.18	1433.46	1044.40	785.79	621.58	495.73
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	410.55	345.78	291.22	250.24	222.31	199.52	181.72	168.06	156.01
30.0	339.95	297.59	262.37	236.05	214.02	196.07	181.41	169.59	158.62
60.0	289.68	257.38	230.75	209.80	190.31	175.12	161.46	149.95	139.20
90.0	269.66	238.81	214.71	194.38	177.80	164.45	152.02	140.43	129.46
120.0	272.04	245.02	220.93	200.90	183.63	169.44	156.47	145.03	135.67
150.0	312.78	273.19	244.49	220.54	202.28	186.24	173.12	162.45	152.55
180.0	406.33	341.02	292.14	252.70	222.92	200.98	183.79	169.97	158.16
210.0	329.90	288.69	257.07	231.52	210.80	194.38	180.49	168.59	158.00
240.0	287.54	256.69	231.82	210.11	192.30	176.27	162.68	151.63	140.66
270.0	264.44	235.51	210.41	191.84	175.96	161.84	149.95	139.36	128.61
300.0	273.95	246.33	220.01	200.90	184.17	169.74	156.55	145.34	135.44
330.0	306.11	269.96	238.88	215.33	196.30	181.41	168.75	157.54	148.10
360.0	410.55	345.78	291.22	250.24	222.31	199.52	181.72	168.06	156.01
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	145.88	137.13	129.30	121.55	114.19	106.59	98.15	89.17	79.42
30.0	148.64	140.12	131.76	124.16	116.41	109.12	100.99	92.39	82.03
60.0	129.30	120.17	109.89	98.15	85.87	75.74	66.07	56.86	47.73
90.0	119.48	107.59	96.77	87.63	78.81	70.52	61.77	53.10	44.35
120.0	126.46	117.56	107.13	96.54	84.80	75.20	66.07	56.86	48.27
150.0	144.04	135.44	128.38	121.48	114.42	107.43	99.91	91.78	81.96
180.0	148.56	139.82	132.07	124.62	117.56	109.74	101.06	92.16	82.65
210.0	149.49	141.04	133.52	126.31	118.71	111.12	103.37	93.93	83.26
240.0	131.45	122.32	112.19	100.83	89.32	77.81	67.99	58.93	49.34
270.0	118.87	107.05	96.00	86.48	77.35	68.76	60.01	51.57	42.67
300.0	126.31	117.49	107.74	97.46	85.87	74.74	65.61	56.40	46.96
330.0	139.43	131.84	124.09	117.49	110.27	102.91	95.77	87.02	77.51
360.0	145.88	137.13	129.30	121.55	114.19	106.59	98.15	89.17	79.42

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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	70.91	62.23	53.64	45.12	37.45	29.85	21.03	13.81	5.76
30.0	70.68	58.93	41.98	28.62	18.80	10.90	4.83	3.22	1.92
60.0	37.22	26.78	20.57	13.81	8.90	7.06	3.91	3.38	1.69
90.0	35.99	27.32	19.57	13.35	11.05	7.44	4.76	4.14	2.07
120.0	39.60	30.70	22.10	14.96	9.67	7.75	4.22	3.61	1.84
150.0	70.75	58.24	42.36	28.78	19.72	11.43	5.07	3.22	1.84
180.0	73.98	64.69	56.25	47.50	39.52	31.77	22.87	15.50	6.98
210.0	72.36	58.70	41.67	28.09	18.72	10.44	5.07	2.76	1.92
240.0	40.59	31.23	22.64	14.89	9.59	7.29	4.45	3.76	2.00
270.0	33.84	25.17	17.96	12.28	9.67	5.99	5.07	3.84	1.77
300.0	38.29	30.24	21.56	14.58	9.21	7.14	4.37	3.68	1.92
330.0	66.92	54.87	38.75	26.40	17.04	9.75	4.68	2.76	1.77
360.0	70.91	62.23	53.64	45.12	37.45	29.85	21.03	13.81	5.76
C/γ(°)	90.0								
0.0	0.23								
30.0	0.08								
60.0	0.15								
90.0	0.00								
120.0	0.08								
150.0	0.23								
180.0	0.15								
210.0	0.23								
240.0	0.08								
270.0	0.08								
300.0	0.08								
330.0	0.23								
360.0	0.23								