

浙大三色

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ROLED

灯具名称: 投光灯

灯具描述: F3623A-24-24DC(15-OL-24WN-AA,L1000mm, C,CT)

报告编号:

电压(V): 24.1000

测试编号: 20210425002

电流(A): 1.0410

光源规格型号: OL

功率(W): 25.1000

每个光源光通量(lm)

功率因数: 1.0240

光源数量: 24

镇流器型号:

发光面长度(mm): 990

发光面宽度(mm): 35

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 2534.97

灯具效能(lm/w): 101.00

中心光强(cd): 18562.830

最大光强(cd): 18593.520

最大光强角度: C=60.0 γ =0.0

半峰边角(50%Imax): [C0/180]Total=15.6

[C90/270]Total=15.4

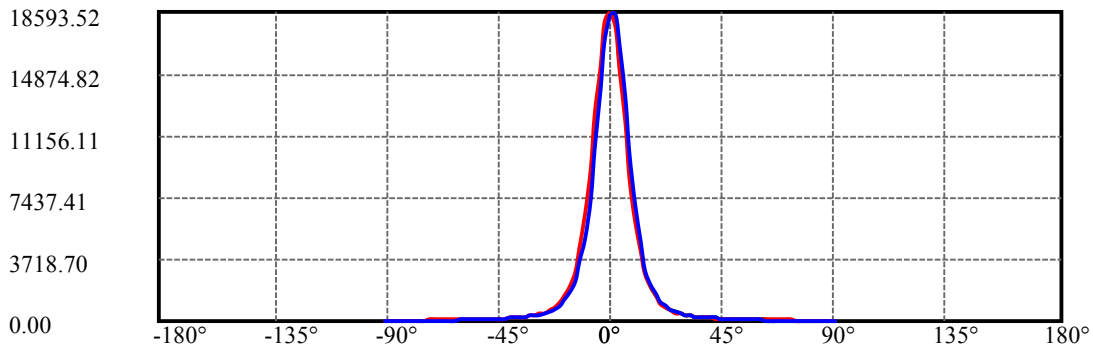
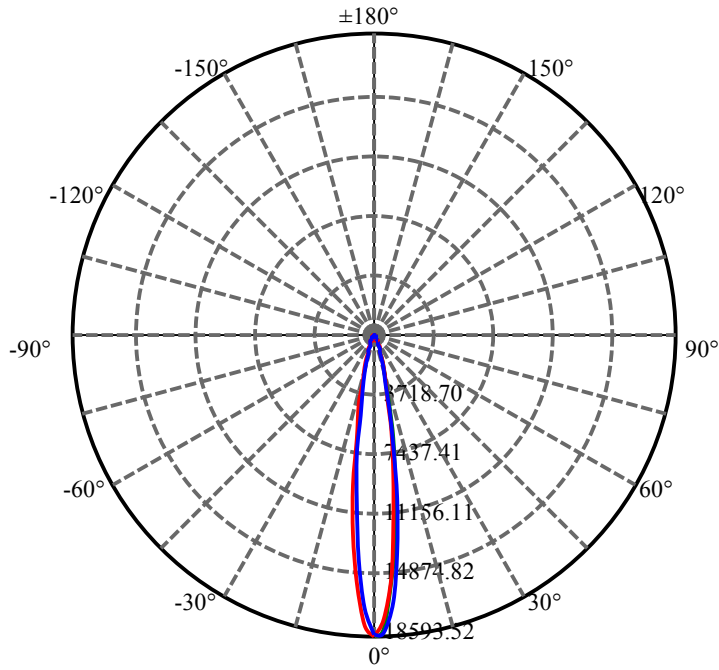
光束扩散角(10%Imax): [C0/180]Total=33.5

[C90/270]Total=33.0

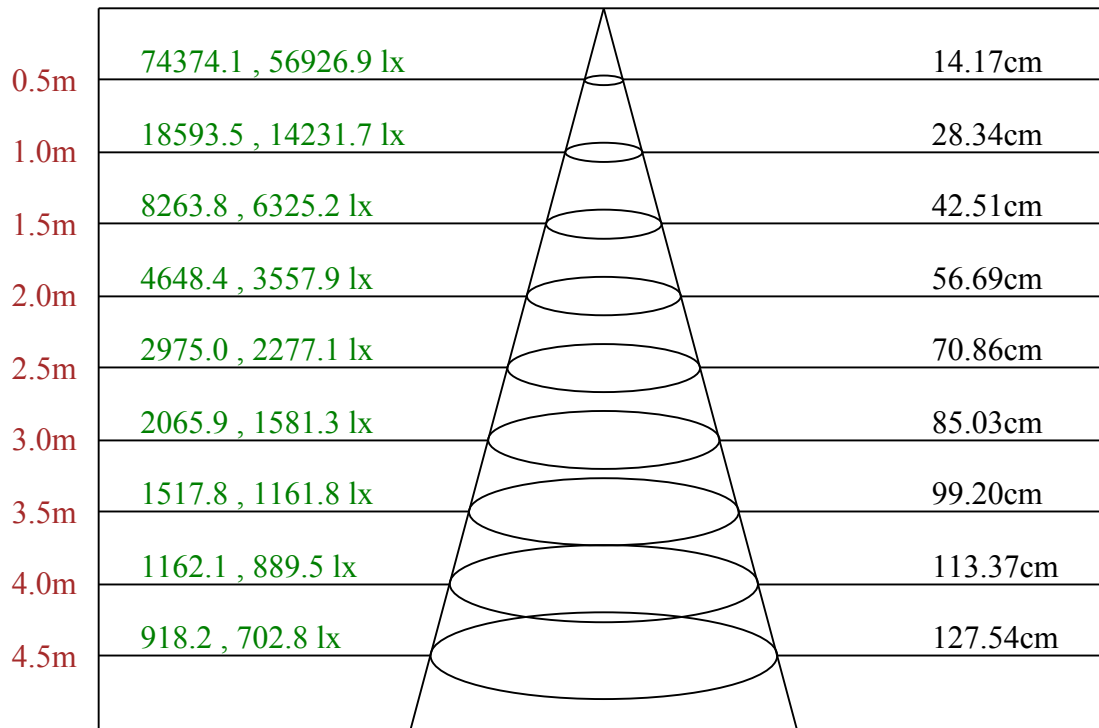
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/4/25
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

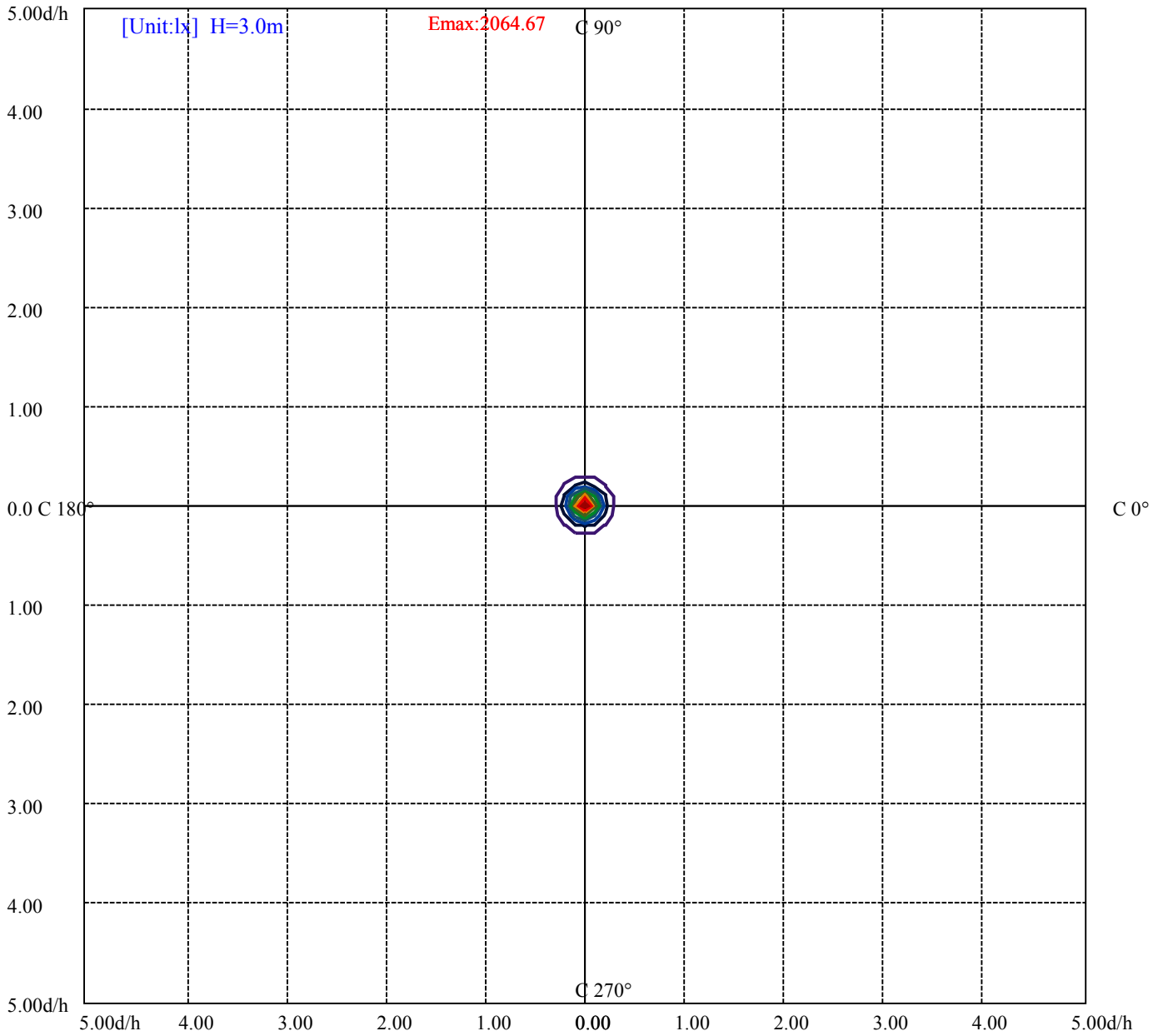


C60(Max): ——
C0/C180: ——
C90/C270: ——



Max , Ave C60面光束角16.13

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平面等照度曲线



- (10%Emax) 206.4667
- (20%Emax) 412.9333
- (30%Emax) 619.3989
- (40%Emax) 825.8655
- (50%Emax) 1032.332
- (60%Emax) 1238.8
- (70%Emax) 1445.267
- (80%Emax) 1651.733
- (90%Emax) 1858.2

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灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

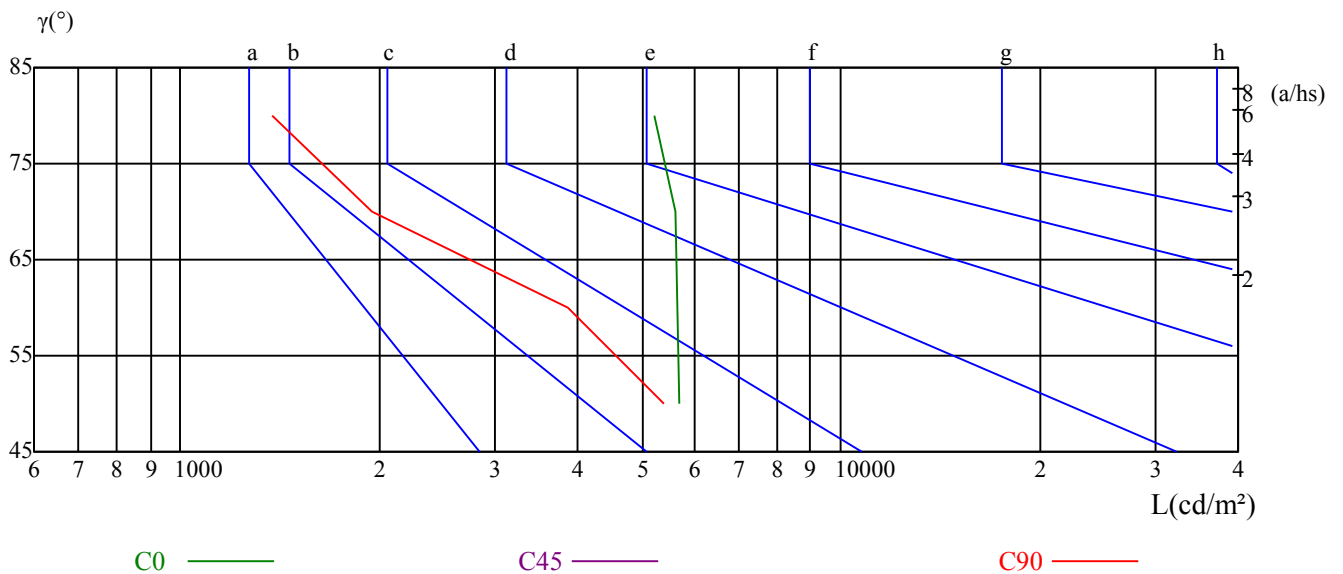
γ	45	50	55	60	65	70	75	80	85
C0	0	5712	0	5647	0	5608	0	5229	0
C45	0	0	0	0	0	0	0	0	0
C90	0	5416	0	3871	0	1956	0	1377	0

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

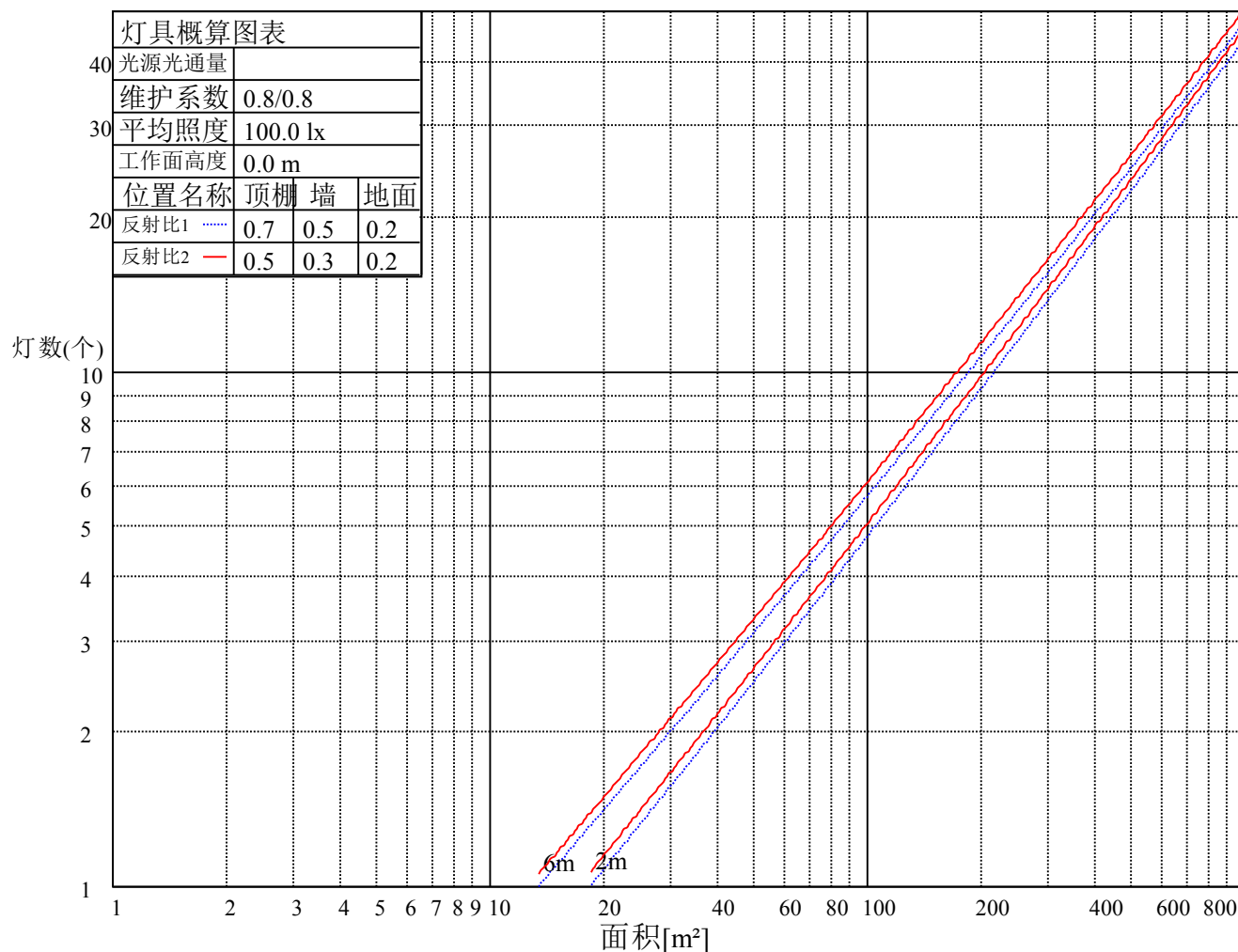
眩光等级表

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	9.26	10.32	9.63	10.63	10.94	10.96	12.01	11.32	12.32	12.64
	3H	9.80	10.73	10.18	11.06	11.43	12.83	13.76	13.22	14.10	14.47
	4H	9.91	10.78	10.32	11.13	11.52	13.47	14.34	13.88	14.69	15.08
	6H	9.97	10.76	10.39	11.13	11.53	13.94	14.73	14.36	15.11	15.50
	8H	9.98	10.73	10.42	11.12	11.53	14.10	14.85	14.54	15.24	15.65
	12H	10.04	10.75	10.47	11.13	11.56	14.30	15.01	14.73	15.39	15.82
4H	2H	9.88	10.74	10.28	11.10	11.48	11.25	12.11	11.66	12.47	12.86
	3H	10.47	11.18	10.88	11.58	11.99	13.31	14.02	13.73	14.43	14.84
	4H	10.60	11.23	11.04	11.66	12.10	13.99	14.62	14.42	15.04	15.49
	6H	10.67	11.21	11.13	11.66	12.13	14.44	14.99	14.91	15.44	15.91
	8H	10.69	11.19	11.16	11.64	12.12	14.63	15.13	15.11	15.58	16.06
	12H	10.76	11.20	11.25	11.68	12.16	14.84	15.28	15.33	15.76	16.24
8H	4H	10.80	11.30	11.27	11.75	12.22	13.91	14.42	14.39	14.87	15.34
	6H	10.89	11.29	11.40	11.79	12.28	14.39	14.79	14.90	15.29	15.78
	8H	10.95	11.30	11.48	11.82	12.32	14.61	14.96	15.14	15.48	15.98
	12H	11.64	11.95	12.16	12.44	13.02	15.45	15.76	15.97	16.25	16.83
12H	4H	10.77	11.21	11.26	11.69	12.17	13.86	14.30	14.35	14.79	15.26
	6H	11.20	11.23	11.41	11.70	12.25	14.66	14.69	14.87	15.16	15.71
	8H	10.96	11.27	11.48	11.77	12.35	14.57	14.88	15.09	15.38	15.96
对应照射距离，改变观察者位置S											
S = 1.0H	0.4/-0.7					0.2/-0.6					
S = 1.5H	0.8/-1.6					0.9/-0.7					
S = 2.0H	3.0/-2.7					1.0/-0.8					
标准表格	BK3					BK2					
更正系数	-2.6					-1.0					



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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	1.12	1.09	1.07	1.10	1.08	1.06	1.06	1.04	1.03	1.02	1.01	0.99	0.98	0.97	0.97	0.95
2	1.05	1.02	0.99	1.04	1.00	0.98	1.00	0.98	0.96	0.97	0.95	0.94	0.95	0.93	0.92	0.90
3	1.00	0.96	0.92	0.98	0.95	0.92	0.96	0.93	0.90	0.94	0.91	0.89	0.91	0.89	0.87	0.86
4	0.95	0.91	0.87	0.94	0.90	0.87	0.92	0.88	0.86	0.90	0.87	0.85	0.88	0.86	0.84	0.82
5	0.91	0.86	0.83	0.90	0.86	0.83	0.89	0.85	0.82	0.87	0.84	0.81	0.86	0.83	0.81	0.79
6	0.88	0.83	0.80	0.87	0.83	0.79	0.86	0.82	0.79	0.84	0.81	0.78	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	0.78	0.76	0.81	0.78	0.75	0.74
8	0.82	0.77	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	0.74	0.72	0.78	0.74	0.72	0.77	0.74	0.71	0.70
10	0.77	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	18562.83	17542.22	14994.53	11848.29	8686.70	6039.25	4113.14	2917.56	2046.59
30.0	18570.50	18056.36	15984.44	12853.55	9553.83	6660.82	4642.62	3182.31	2215.41
60.0	18593.52	18110.07	15197.11	12723.86	9288.32	6527.30	4419.32	2989.70	2121.79
90.0	18478.41	18417.02	16529.28	13436.75	10167.73	7029.16	4704.01	3168.50	2229.99
120.0	18562.83	18225.18	15270.02	13142.08	9662.80	6666.20	4581.23	3077.18	2177.05
150.0	18140.77	17910.56	15984.44	12999.35	9922.17	6983.12	4757.73	3306.62	2292.15
180.0	18562.83	17879.86	15293.04	12440.70	9269.13	6436.75	4387.09	3026.53	2101.84
210.0	18570.50	17273.63	14659.95	11379.42	8210.16	5721.56	3903.64	2688.89	1919.97
240.0	18593.52	17281.31	14664.56	11242.06	8111.16	5663.23	3905.94	2691.19	1942.23
270.0	18478.41	16774.84	13842.70	10450.13	7386.76	5018.64	3523.02	2476.32	1758.06
300.0	18562.83	17074.12	14342.26	10896.74	7827.24	5363.96	3882.92	2651.28	1920.74
330.0	18140.77	16759.49	13913.29	10804.65	7760.47	5330.19	3685.71	2625.19	1845.54
360.0	18562.83	17542.22	14994.53	11848.29	8686.70	6039.25	4113.14	2917.56	2046.59
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	1462.62	1090.44	817.26	640.76	511.84	415.92	349.46	301.20	260.75
30.0	1606.12	1165.64	881.72	683.73	544.07	441.24	388.29	318.38	277.71
60.0	1530.30	1107.02	834.29	662.09	529.34	437.63	368.42	315.31	274.64
90.0	1591.54	1169.48	874.81	681.43	544.07	444.31	388.29	323.14	282.39
120.0	1516.57	1135.64	855.85	678.51	539.77	439.71	372.10	316.93	274.26
150.0	1661.37	1188.67	898.60	692.17	552.51	442.78	389.83	314.93	272.80
180.0	1515.41	1101.34	833.22	645.36	516.37	418.37	349.00	296.36	257.61
210.0	1399.69	1045.55	789.40	620.50	497.18	410.93	346.93	298.05	260.60
240.0	1391.25	1028.28	793.47	618.51	495.72	408.24	347.70	300.04	260.91
270.0	1299.01	967.12	749.50	590.42	476.54	393.82	337.65	291.60	255.54
300.0	1377.44	1022.91	780.42	616.97	494.96	406.71	346.24	298.28	261.37
330.0	1356.57	1000.89	760.16	607.22	487.21	399.65	337.26	289.99	250.55
360.0	1462.62	1090.44	817.26	640.76	511.84	415.92	349.46	301.20	260.75
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	229.52	206.12	185.47	168.82	155.32	144.19	134.75	127.23	120.25
30.0	244.10	217.24	196.45	178.26	165.06	153.32	144.04	135.37	127.92
60.0	243.72	217.01	194.76	177.95	163.14	150.25	138.82	128.46	117.87
90.0	248.86	222.85	198.60	178.34	161.30	145.95	133.22	120.63	109.89
120.0	241.65	216.40	194.68	177.88	163.07	150.02	138.59	127.61	117.79
150.0	241.03	215.56	195.83	179.41	165.83	154.78	144.80	135.44	126.46
180.0	226.99	202.13	182.94	166.44	152.71	141.20	132.07	123.93	116.95
210.0	230.67	206.50	187.78	172.28	159.54	148.79	140.12	132.30	125.62
240.0	231.98	207.81	187.47	171.36	158.23	145.65	134.75	124.08	113.88
270.0	229.29	204.97	181.94	165.60	150.10	136.06	123.62	112.57	102.14
300.0	229.60	207.04	187.09	171.97	158.00	145.34	134.29	123.55	113.19
330.0	221.16	198.83	179.72	165.91	152.78	142.19	132.83	125.16	118.41
360.0	229.52	206.12	185.47	168.82	155.32	144.19	134.75	127.23	120.25
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	114.03	108.35	102.98	97.84	92.16	86.18	79.88	73.28	66.45
30.0	121.40	114.42	108.35	101.68	95.08	87.40	79.58	71.06	61.70
60.0	107.82	98.45	88.79	78.12	66.15	54.48	45.35	36.76	27.93
90.0	99.76	89.32	78.35	67.07	57.55	48.42	39.29	30.62	23.17
120.0	107.82	98.38	88.56	78.43	66.22	54.56	45.43	36.37	27.78
150.0	119.33	112.73	107.66	102.52	96.61	89.48	80.80	70.45	60.16
180.0	111.42	106.28	101.60	96.54	91.24	85.26	79.65	72.90	65.69
210.0	119.25	112.96	106.59	100.07	92.55	84.64	76.74	67.30	56.94
240.0	104.13	94.69	84.18	72.44	60.09	50.11	41.59	32.69	24.79
270.0	91.85	80.19	67.68	58.70	50.03	40.67	32.46	25.02	19.88
300.0	103.29	93.93	82.65	71.14	58.17	48.42	39.75	31.08	23.10
330.0	112.19	106.74	101.29	96.08	90.01	82.80	74.59	65.07	54.71
360.0	114.03	108.35	102.98	97.84	92.16	86.18	79.88	73.28	66.45

ROLED 投光灯

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	58.93	52.34	45.28	38.29	31.46	23.94	16.42	8.82	2.76
30.0	51.34	37.75	25.94	16.19	8.90	5.91	4.14	2.61	2.00
60.0	19.41	13.81	12.05	10.05	7.52	5.45	5.29	4.30	2.38
90.0	17.57	16.04	13.89	11.20	8.29	7.06	6.68	5.22	2.84
120.0	19.41	13.89	12.12	10.21	7.75	5.60	5.29	4.37	2.53
150.0	51.11	38.45	26.47	16.58	9.36	6.45	4.76	3.15	2.69
180.0	58.09	50.42	43.28	36.99	29.85	22.79	15.65	8.21	1.69
210.0	45.35	30.70	20.80	12.28	7.29	5.60	3.38	2.53	1.46
240.0	16.96	14.43	12.43	9.75	6.91	5.53	4.99	3.38	1.30
270.0	18.11	15.58	12.58	8.90	7.44	6.98	5.60	3.15	1.00
300.0	16.19	14.27	12.12	9.36	6.45	5.45	4.83	3.22	1.15
330.0	41.21	28.01	18.42	10.82	7.21	5.53	3.30	2.76	1.53
360.0	58.93	52.34	45.28	38.29	31.46	23.94	16.42	8.82	2.76
C/γ(°)	90.0								
0.0	0.23								
30.0	0.46								
60.0	0.46								
90.0	0.77								
120.0	0.61								
150.0	1.07								
180.0	0.23								
210.0	0.15								
240.0	0.00								
270.0	0.00								
300.0	0.08								
330.0	0.54								
360.0	0.23								