

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: F3623A-24-24DC(20-OL-24WN-AA,L1000mm, C,CT)

报告编号:

电压(V): 24.1000

测试编号: 20210425003

电流(A): 1.0430

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): 2562.10

灯具效能(lm/w): 102.08

中心光强(cd): 11162.250

最大光强(cd): 11227.480

最大光强角度: C=30.0 γ =0.0

半峰边角(50%Imax): [C0/180]Total=21.7

[C90/270]Total=21.0

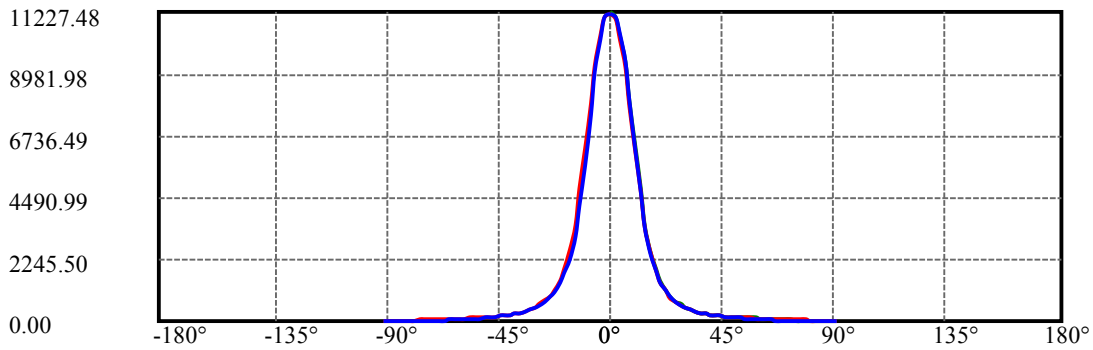
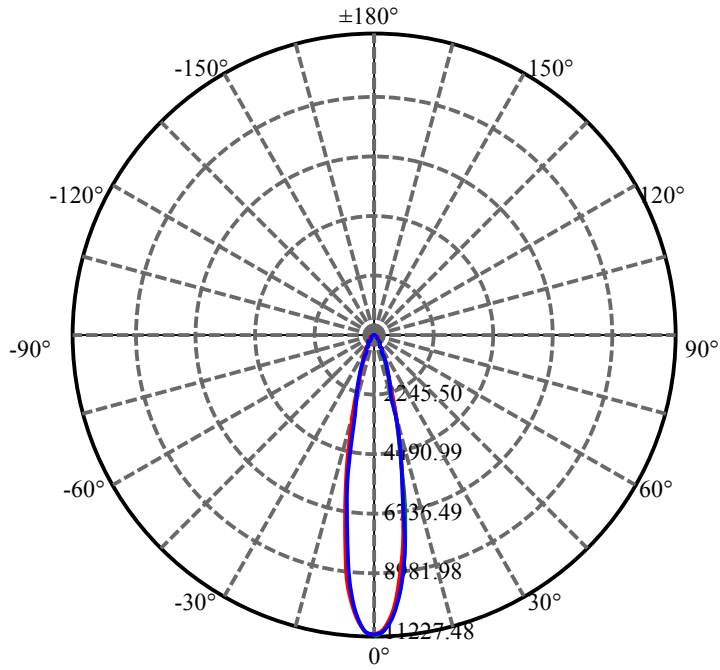
光束扩散角(10%Imax): [C0/180]Total=44.1

[C90/270]Total=43.6

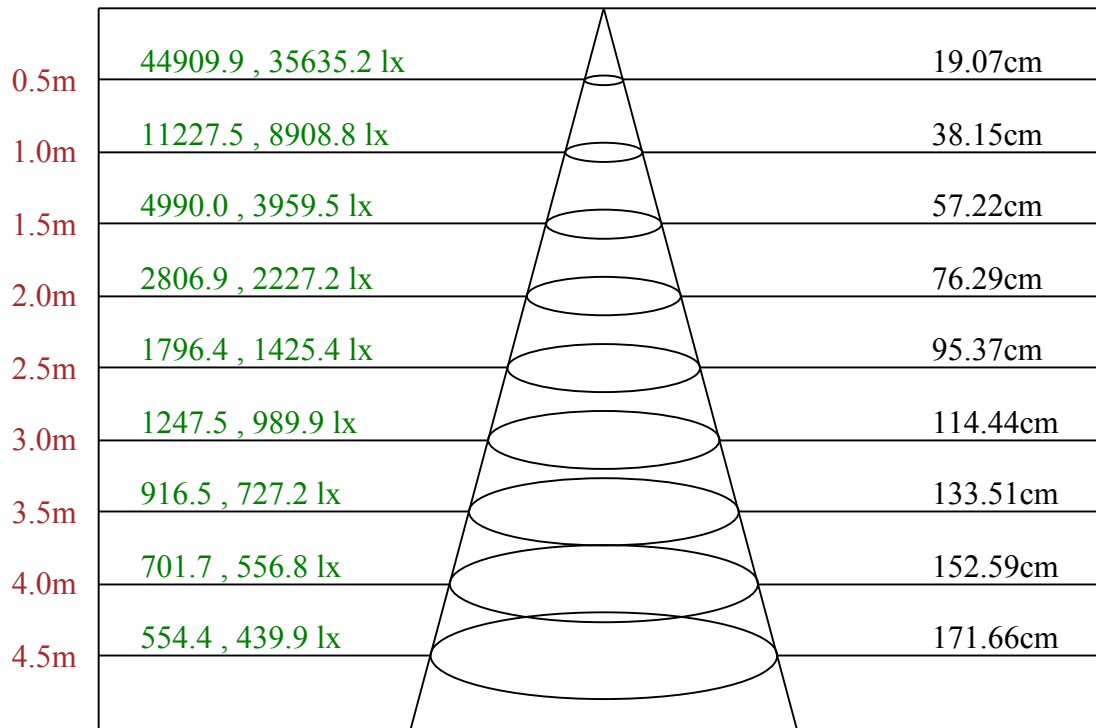
测试设备: GMS1800
环境温度(°C): 25.0

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

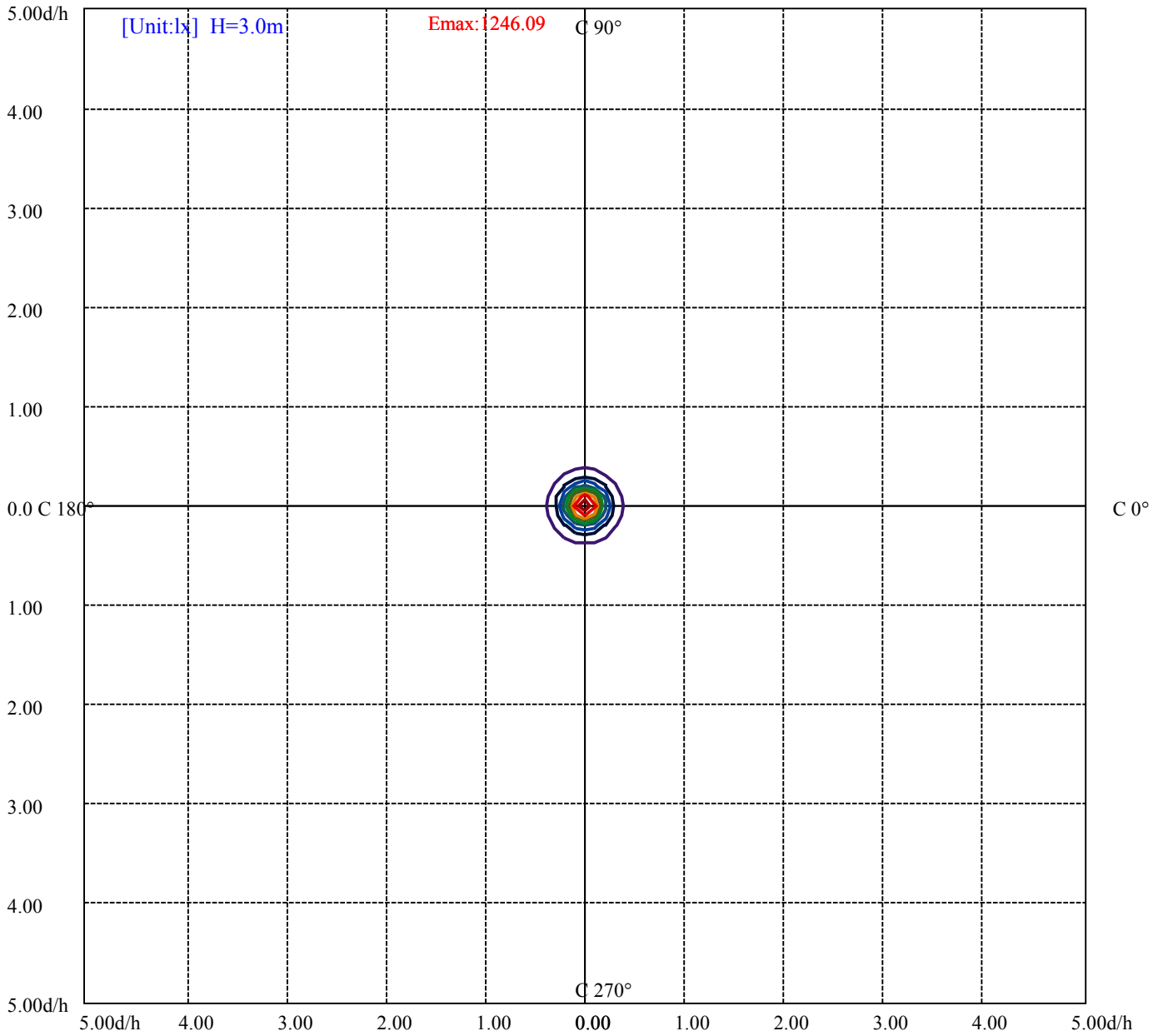


C30(Max): ——
C0/C180: ——
C90/C270: ——



Max , Ave C30面光束角21.60

ROLED 投光灯
平面等照度曲线



(10%Emax) 124.6089	——
(20%Emax) 249.2178	——
(30%Emax) 373.8267	——
(40%Emax) 498.4355	——
(50%Emax) 623.0444	——
(60%Emax) 747.6533	——
(70%Emax) 872.2622	——
(80%Emax) 996.8711	——
(90%Emax) 1121.478	——

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

ROLED 投光灯

灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

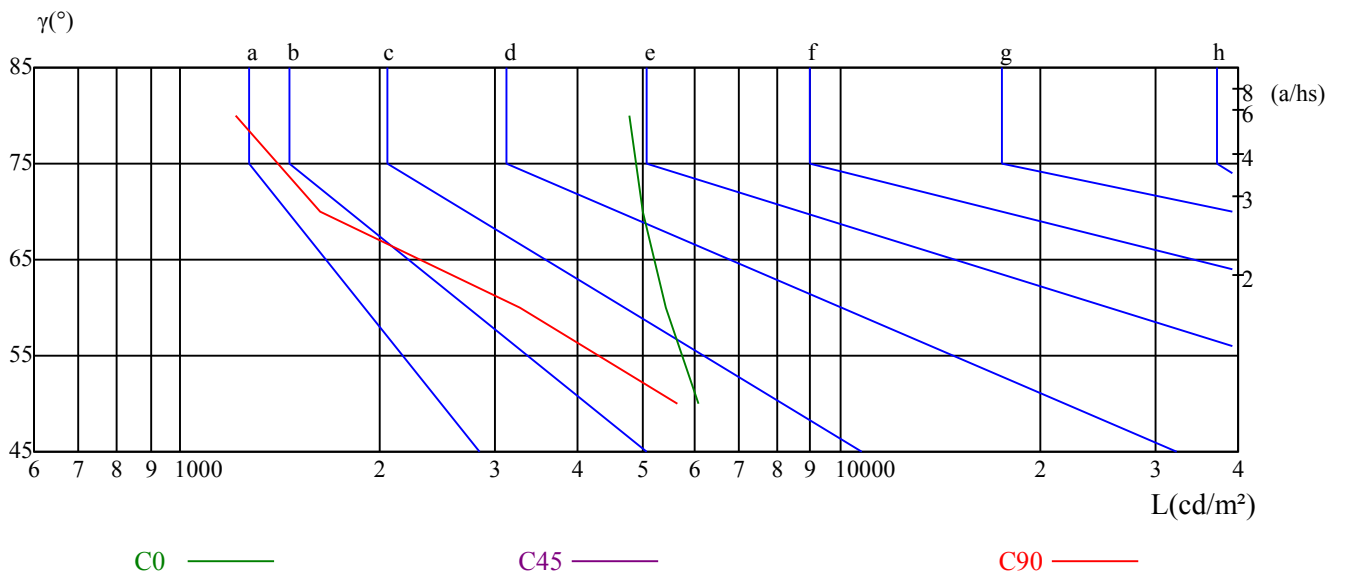
γ	45	50	55	60	65	70	75	80	85
C0	0	6081	0	5426	0	4999	0	4795	0
C45	0	0	0	0	0	0	0	0	0
C90	0	5664	0	3269	0	1625	0	1212	0

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

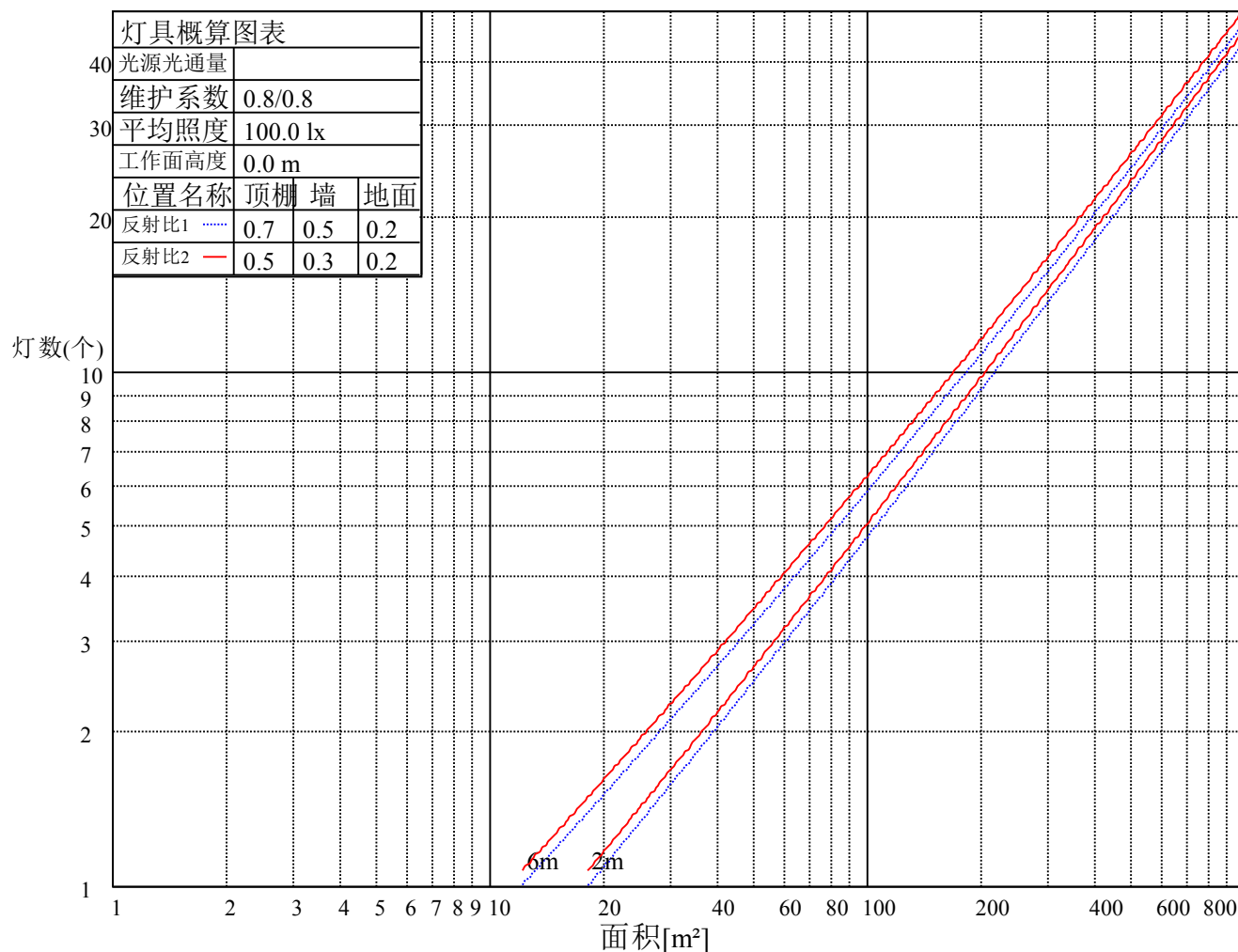
眩光等级	质量等级	使用照度(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

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	8.72	9.78	9.09	10.09	10.41	10.77	11.83	11.13	12.14	12.46
	3H	9.20	10.14	9.59	10.47	10.84	12.44	13.37	12.82	13.71	14.07
	4H	9.32	10.19	9.73	10.55	10.94	13.02	13.89	13.43	14.24	14.63
	6H	9.38	10.18	9.80	10.55	10.95	13.47	14.26	13.88	14.64	15.03
	8H	9.40	10.15	9.83	10.54	10.95	13.62	14.37	14.05	14.76	15.17
	12H	9.47	10.18	9.90	10.57	11.00	13.82	14.53	14.25	14.92	15.35
4H	2H	9.31	10.18	9.72	10.54	10.92	10.99	11.86	11.40	12.22	12.60
	3H	9.86	10.57	10.28	10.98	11.39	12.87	13.59	13.29	13.99	14.40
	4H	10.00	10.63	10.44	11.06	11.50	13.50	14.13	13.93	14.55	15.00
	6H	10.07	10.61	10.54	11.06	11.54	13.93	14.47	14.40	14.92	15.40
	8H	10.10	10.60	10.57	11.05	11.53	14.11	14.62	14.59	15.07	15.54
	12H	10.18	10.62	10.67	11.11	11.59	14.33	14.77	14.82	15.26	15.73
8H	4H	10.19	10.69	10.66	11.14	11.62	13.42	13.92	13.89	14.37	14.85
	6H	10.29	10.69	10.80	11.20	11.68	13.87	14.27	14.37	14.77	15.26
	8H	10.35	10.71	10.89	11.23	11.73	14.08	14.44	14.61	14.96	15.46
	12H	11.03	11.34	11.55	11.84	12.42	14.92	15.23	15.44	15.73	16.31
12H	4H	10.16	10.60	10.65	11.09	11.57	13.36	13.80	13.85	14.29	14.77
	6H	10.61	10.64	10.81	11.11	11.65	14.14	14.17	14.35	14.64	15.19
	8H	10.37	10.68	10.89	11.18	11.76	14.05	14.36	14.57	14.85	15.43
对应照射距离，改变观察者位置S											
S = 1.0H		0.7/-1.1					0.4/-0.6				
S = 1.5H		1.7/-2.3					1.1/-1.0				
S = 2.0H		4.0/-3.4					1.9/-1.0				
标准表格		BK2					BK2				
更正系数		-3.4					-1.2				

ROLED 投光灯 灯具的概算曲线



ROLED 投光灯

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	1.11	1.09	1.07	1.09	1.07	1.05	1.05	1.03	1.02	1.01	1.00	0.99	0.98	0.97	0.96	0.94
2	1.04	1.01	0.98	1.03	0.99	0.97	1.00	0.97	0.94	0.97	0.94	0.92	0.94	0.92	0.91	0.89
3	0.99	0.94	0.91	0.97	0.93	0.90	0.95	0.91	0.88	0.92	0.89	0.87	0.90	0.88	0.86	0.84
4	0.94	0.89	0.85	0.92	0.88	0.84	0.90	0.86	0.83	0.88	0.85	0.82	0.87	0.84	0.82	0.80
5	0.89	0.84	0.80	0.88	0.83	0.80	0.86	0.82	0.79	0.85	0.81	0.79	0.83	0.80	0.78	0.77
6	0.85	0.80	0.76	0.84	0.80	0.76	0.83	0.79	0.76	0.82	0.78	0.75	0.80	0.77	0.75	0.73
7	0.82	0.77	0.73	0.81	0.76	0.73	0.80	0.76	0.73	0.79	0.75	0.72	0.78	0.74	0.72	0.71
8	0.79	0.74	0.70	0.78	0.73	0.70	0.77	0.73	0.70	0.76	0.72	0.70	0.75	0.72	0.69	0.68
9	0.76	0.71	0.68	0.75	0.71	0.68	0.75	0.70	0.67	0.74	0.70	0.67	0.73	0.70	0.67	0.66
10	0.73	0.69	0.65	0.73	0.68	0.65	0.72	0.68	0.65	0.72	0.68	0.65	0.71	0.67	0.65	0.64

ROLED 投光灯

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	11162.25	10924.36	10275.93	9180.89	7837.98	6208.84	4649.53	3401.01	2498.58
30.0	11227.48	11021.82	10404.85	9427.98	8001.43	6402.22	4791.50	3473.91	2508.55
60.0	11202.15	10936.64	10265.19	9240.74	7742.82	6059.20	4595.05	3305.09	2378.87
90.0	11191.41	11022.59	10444.75	9410.33	8028.29	6292.48	4660.27	3409.45	2454.07
120.0	11172.23	10967.34	10330.42	9306.74	7795.77	6105.24	4639.56	3351.13	2425.68
150.0	10920.53	10802.35	10270.56	9281.41	7857.93	6287.11	4740.08	3533.00	2579.92
180.0	11162.25	11014.92	10393.34	9302.13	7877.88	6241.84	4806.84	3517.65	2557.66
210.0	11227.48	11036.40	10321.97	9113.36	7526.42	5891.91	4393.99	3205.33	2375.80
240.0	11202.15	11068.63	10453.96	9277.58	7833.37	6145.15	4589.68	3374.92	2457.91
270.0	11191.41	10987.29	10231.42	9054.27	7427.43	5673.21	4186.04	3085.62	2262.99
300.0	11172.23	11000.33	10384.90	9232.30	7807.28	6033.88	4565.12	3351.13	2485.53
330.0	10920.53	10679.57	10006.58	8944.53	7432.04	5762.99	4296.54	3181.54	2326.68
360.0	11162.25	10924.36	10275.93	9180.89	7837.98	6208.84	4649.53	3401.01	2498.58

C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	1835.56	1399.69	1096.58	864.83	699.08	569.39	475.77	398.27	340.95
30.0	1893.88	1446.50	1127.28	905.50	729.01	602.39	493.42	415.92	353.91
60.0	1766.50	1371.68	1068.65	861.38	695.86	570.93	479.46	401.87	341.87
90.0	1827.89	1418.88	1107.32	880.18	711.36	588.58	488.05	409.01	351.07
120.0	1836.33	1410.13	1100.57	876.65	715.04	585.43	490.35	410.01	347.93
150.0	1926.11	1493.31	1149.53	924.69	744.35	613.13	504.93	415.15	351.46
180.0	1899.26	1467.61	1137.40	914.10	735.15	600.32	502.09	415.30	354.07
210.0	1793.36	1394.17	1105.48	886.55	719.49	594.79	495.26	415.61	354.60
240.0	1859.35	1433.46	1134.18	900.90	734.38	600.86	501.86	423.59	360.74
270.0	1748.85	1371.45	1080.24	877.80	716.04	588.04	490.12	415.76	352.84
300.0	1855.52	1434.99	1138.02	904.74	734.38	601.62	502.63	423.59	362.74
330.0	1785.68	1384.04	1074.25	864.99	699.85	572.16	478.84	407.55	343.78
360.0	1835.56	1399.69	1096.58	864.83	699.08	569.39	475.77	398.27	340.95

C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	292.22	254.54	224.46	198.75	178.26	160.69	147.26	135.44	125.54
30.0	306.18	265.67	233.28	208.04	186.17	168.36	153.94	142.04	131.22
60.0	295.13	259.07	227.68	201.59	180.41	161.53	145.95	132.45	120.71
90.0	302.12	262.60	230.14	203.82	180.41	161.23	143.58	126.16	109.66
120.0	299.97	262.90	230.75	204.05	182.87	163.60	148.10	133.14	120.78
150.0	300.58	260.60	230.29	206.12	185.63	168.59	154.17	142.04	132.14
180.0	303.42	264.51	230.83	203.66	182.33	163.53	147.49	133.60	122.78
210.0	305.49	265.28	232.67	207.81	185.94	168.67	154.17	141.81	131.07
240.0	312.86	272.65	238.19	211.72	188.62	168.44	152.63	138.28	124.08
270.0	306.64	266.51	231.90	203.82	180.95	160.38	141.27	122.78	104.06
300.0	311.78	271.80	239.19	209.80	187.78	167.52	151.86	137.44	123.16
330.0	295.29	254.62	221.31	195.45	174.12	157.24	142.19	130.84	121.09
360.0	292.22	254.54	224.46	198.75	178.26	160.69	147.26	135.44	125.54

C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	116.26	108.66	100.83	94.00	86.87	79.58	72.98	66.15	59.24
30.0	121.78	113.26	104.98	97.15	89.40	81.57	73.28	65.38	56.17
60.0	107.89	95.15	81.42	68.07	56.40	47.35	39.44	31.54	24.10
90.0	93.54	78.66	66.30	56.63	48.81	41.21	33.23	25.71	19.26
120.0	107.82	94.16	80.96	67.38	56.02	45.89	38.45	30.77	23.48
150.0	122.78	114.11	105.51	97.00	87.71	79.27	70.75	63.31	55.10
180.0	113.57	105.67	97.61	91.01	84.18	78.20	72.59	66.76	60.85
210.0	122.32	113.73	105.67	97.76	89.40	80.96	72.59	63.85	53.72
240.0	109.73	95.77	80.57	66.99	56.33	47.27	39.60	31.23	23.71
270.0	87.02	73.44	62.39	54.25	46.27	38.68	31.16	24.17	18.95
300.0	109.35	94.62	79.19	65.69	55.10	46.20	38.75	31.08	23.02
330.0	113.49	107.28	100.76	94.39	86.79	79.04	70.98	62.39	52.34
360.0	116.26	108.66	100.83	94.00	86.87	79.58	72.98	66.15	59.24

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	53.03	47.65	41.82	35.30	28.85	22.25	15.81	8.59	3.07
30.0	45.35	33.00	22.02	13.89	7.44	5.45	3.76	2.46	1.84
60.0	16.27	12.58	10.97	9.13	6.75	5.22	4.91	3.84	1.92
90.0	15.96	14.50	12.58	9.98	7.29	6.60	6.22	4.60	2.30
120.0	16.19	12.51	11.05	9.13	6.83	5.14	4.83	3.91	2.07
150.0	45.66	32.61	21.56	13.97	7.98	5.91	4.30	2.92	2.38
180.0	54.41	47.12	40.29	34.53	27.86	21.49	15.04	7.83	1.76
210.0	41.98	28.62	19.49	12.05	6.91	5.45	3.38	2.46	1.46
240.0	16.42	13.89	12.05	9.75	7.06	5.45	4.99	3.61	1.61
270.0	17.50	15.35	12.66	9.36	7.21	6.91	5.91	3.68	1.38
300.0	16.11	13.74	11.97	9.67	6.91	5.37	4.99	3.53	1.53
330.0	40.75	27.47	18.88	11.59	7.21	5.83	3.91	3.15	2.15
360.0	53.03	47.65	41.82	35.30	28.85	22.25	15.81	8.59	3.07
C/γ(°)	90.0								
0.0	0.15								
30.0	0.31								
60.0	0.23								
90.0	0.31								
120.0	0.23								
150.0	0.92								
180.0	0.31								
210.0	0.15								
240.0	0.08								
270.0	0.00								
300.0	0.08								
330.0	0.46								
360.0	0.15								