

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: F3463A-48-24DC(10-OL-48WN-AA,L1000mm,C,CT)

报告编号:

电压(V): 24.1000

测试编号: 20210403002

电流(A): 2.0380

光源规格型号: OL

功率(W): 49.2000

每个光源光通量(lm)

功率因数: 1.0240

光源数量: 48

镇流器型号:

发光面长度(mm): 987

发光面宽度(mm): 72

测试模式: C

发光面高度(mm): 0

---

## 光度结果

---

灯具光通量(lm): 5088.07

灯具效能(lm/w): 103.42

中心光强(cd): 47615.680

最大光强(cd): 49012.310

最大光强角度: C=30.0  $\gamma$ =0.0

半峰边角(50%Imax): [C0/180]Total=11.7

[C90/270]Total=10.6

光束扩散角(10%Imax): [C0/180]Total=28.6

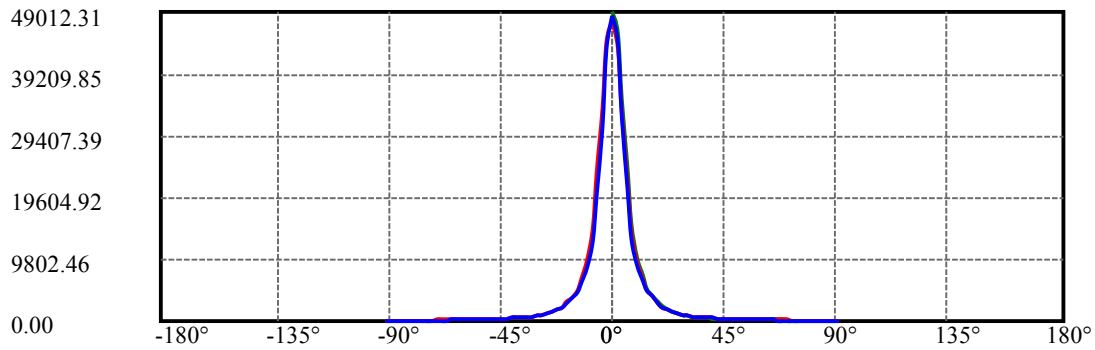
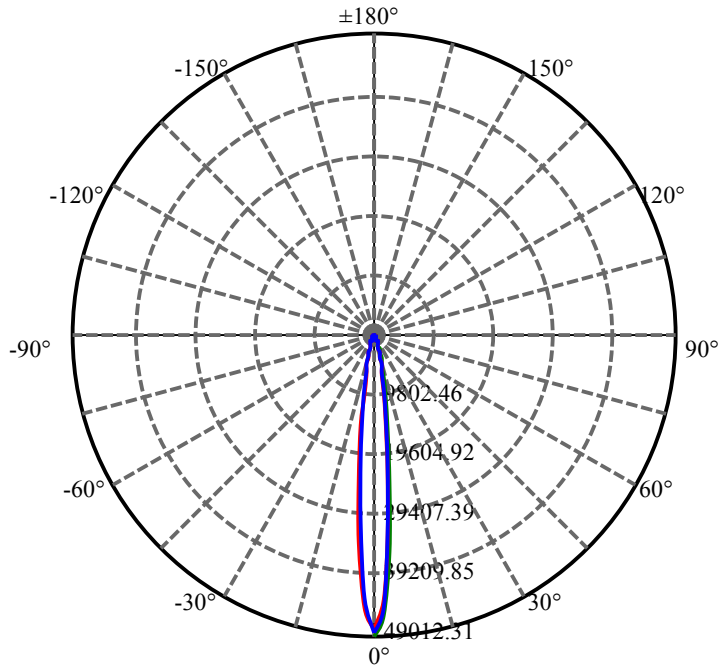
[C90/270]Total=27.8

---

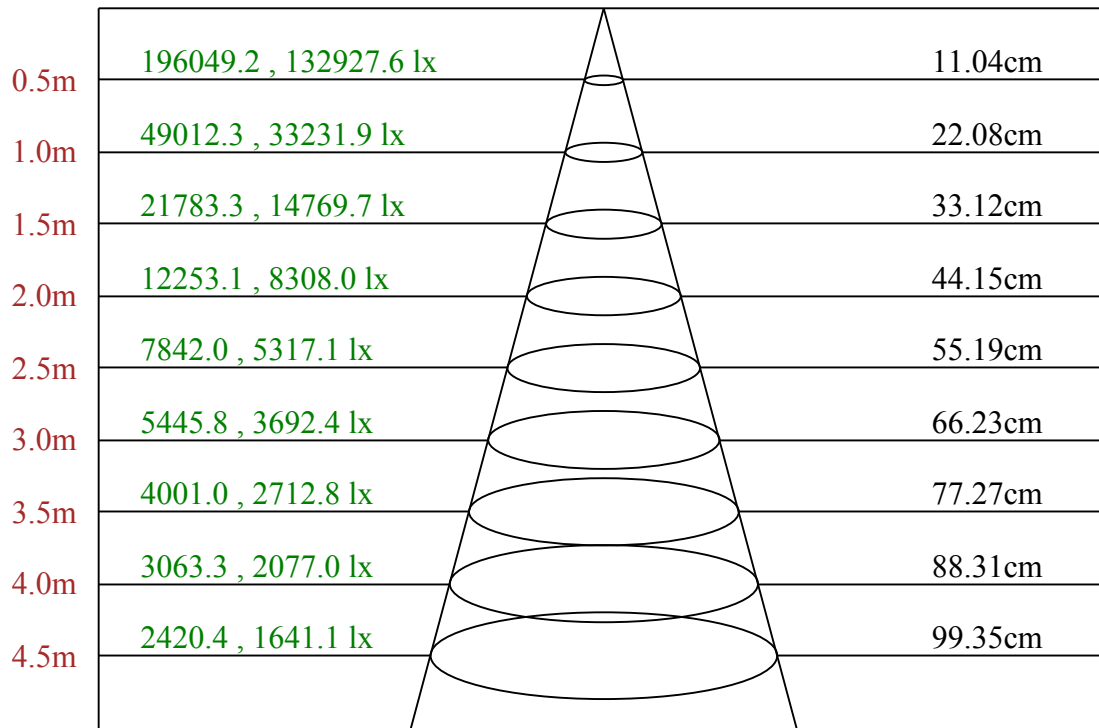
测试设备: GMS1800  
环境温度(°C): 25.0

测试日期: 2021/4/3  
环境湿度(%): 60.0%

测试人员: anpeilou  
测试距离(m): 8.76

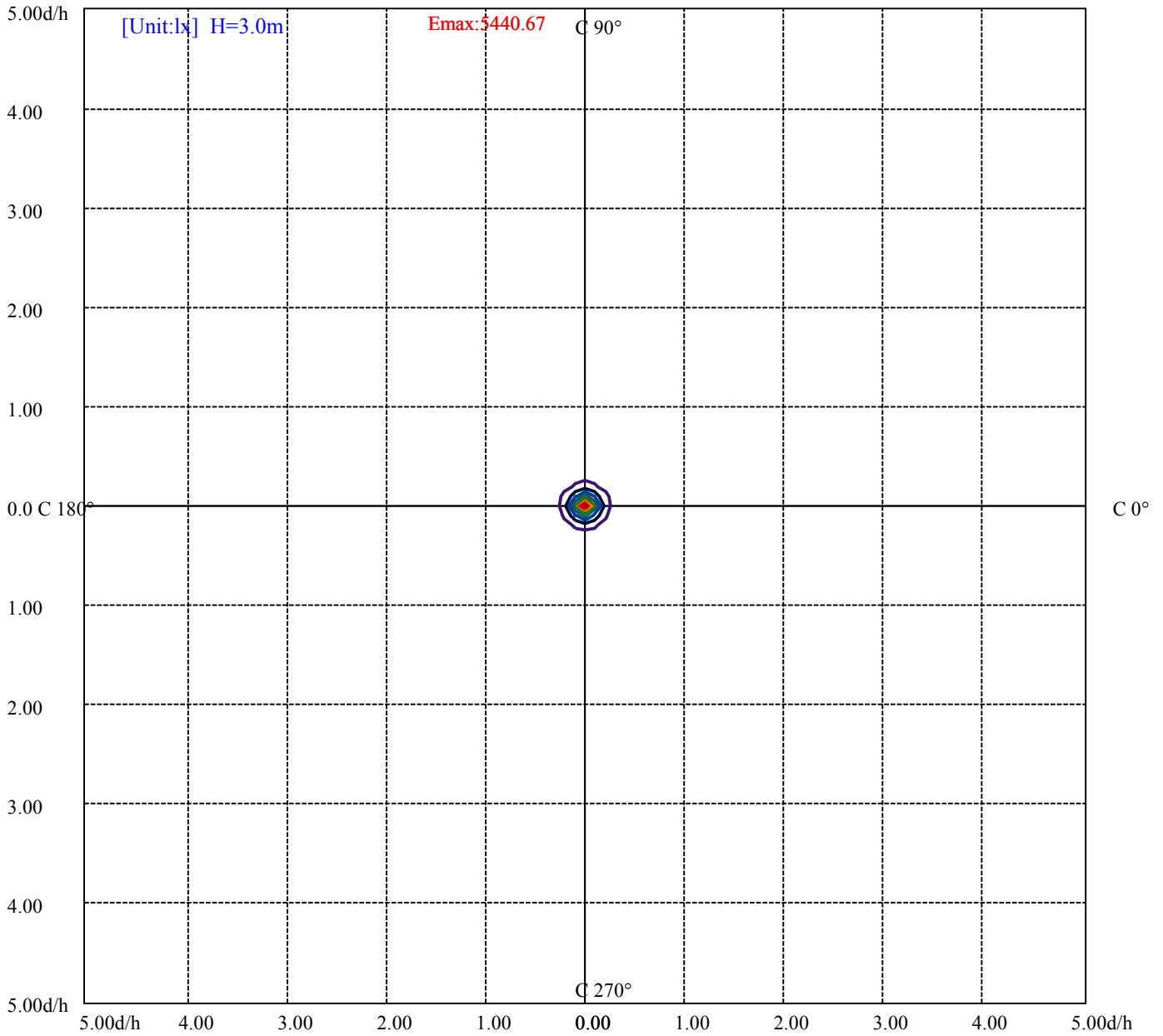


C30(Max): ————  
C0/C180: ————  
C90/C270: ————



Max , Ave    C30面光束角12.60

ROLED 投光灯  
平面等照度曲线



- (10%Emax) 544.0656
- (20%Emax) 1088.131
- (30%Emax) 1632.2
- (40%Emax) 2176.267
- (50%Emax) 2720.333
- (60%Emax) 3264.4
- (70%Emax) 3808.456
- (80%Emax) 4352.522
- (90%Emax) 4896.589

测试设备: GMS1800  
环境温度(°C): 25.0

测试日期: 2021/4/3  
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

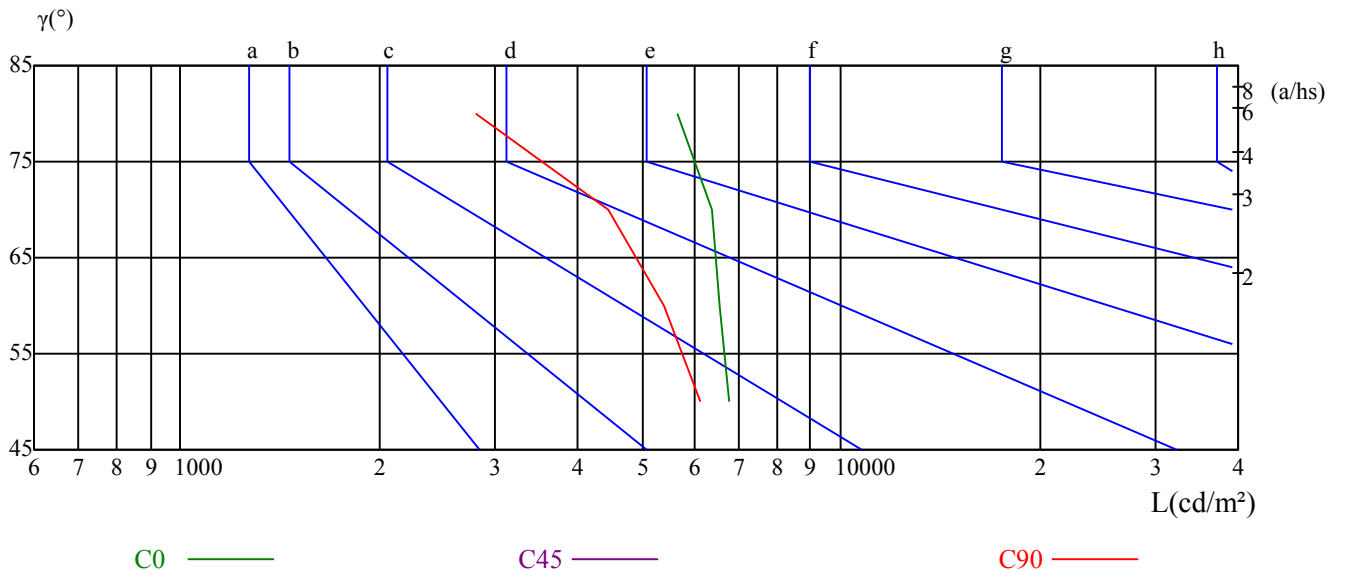
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	6779	0	6537	0	6397	0	5659	0
C45	0	0	0	0	0	0	0	0	0
C90	0	6125	0	5386	0	4458	0	2798	0

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

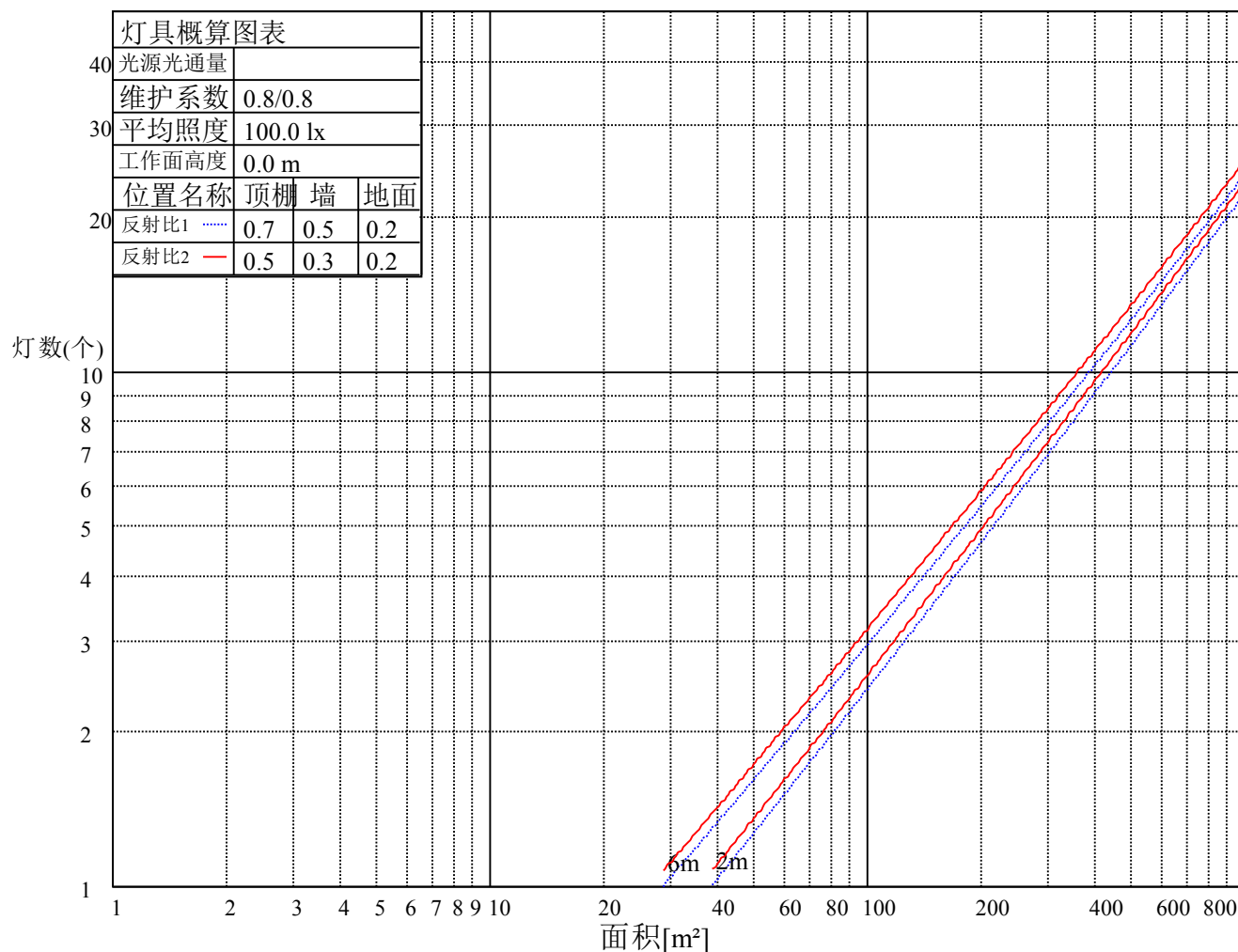
眩光等级表

眩光等级	质量等级	使用照度(lx)							
1.15	A	2000	1000	500	$\leq 300$				
1.5	B		2000	1000	500	$\leq 300$			
1.85	C			2000	1000	500	$\leq 300$		
2.2	D				2000	1000	500	$\leq 300$	
2.55	E					2000	1000	500	$\leq 300$
		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	8.79	9.89	9.15	10.20	10.51	9.55	10.65	9.92	10.96	11.28
	3H	10.24	11.21	10.62	11.55	11.91	11.51	12.48	11.89	12.82	13.18
	4H	10.75	11.66	11.16	12.01	12.40	12.19	13.09	12.59	13.45	13.83
	6H	11.01	11.84	11.43	12.22	12.61	12.69	13.52	13.11	13.90	14.29
	8H	11.05	11.84	11.49	12.23	12.64	12.87	13.65	13.30	14.04	14.45
	12H	11.10	11.85	11.54	12.23	12.67	13.09	13.84	13.52	14.22	14.65
4H	2H	9.40	10.31	9.81	10.66	11.05	10.01	10.91	10.41	11.27	11.65
	3H	11.04	11.79	11.46	12.19	12.60	12.19	12.94	12.61	13.35	13.75
	4H	11.63	12.30	12.07	12.72	13.17	12.99	13.66	13.43	14.08	14.52
	6H	11.92	12.49	12.38	12.94	13.41	13.50	14.07	13.97	14.52	14.99
	8H	11.98	12.51	12.45	12.96	13.44	13.72	14.25	14.19	14.70	15.17
	12H	12.04	12.50	12.53	12.99	13.46	13.95	14.41	14.44	14.90	15.37
8H	4H	11.92	12.46	12.40	12.91	13.38	13.13	13.66	13.60	14.11	14.58
	6H	12.31	12.73	12.81	13.23	13.72	13.74	14.17	14.25	14.67	15.16
	8H	12.42	12.80	12.95	13.32	13.81	14.02	14.40	14.55	14.92	15.41
	12H	13.04	13.37	13.56	13.86	14.44	14.76	15.08	15.28	15.58	16.16
12H	4H	11.93	12.40	12.42	12.88	13.36	13.10	13.56	13.59	14.05	14.53
	6H	12.72	12.73	12.88	13.20	13.74	14.12	14.12	14.27	14.59	15.13
	8H	12.50	12.82	13.02	13.32	13.90	14.05	14.38	14.57	14.87	15.45
对应照射距离，改变观察者位置S											
S = 1.0H	0.2/-0.5					0.2/-0.6					
S = 1.5H	0.8/-0.8					0.7/-0.7					
S = 2.0H	1.6/-1.0					0.9/-0.7					
标准表格	BK3					BK3					
更正系数	-0.5					0.6					



# 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	1.08	1.06	1.09	1.07	1.05	1.05	1.03	1.01	1.01	1.00	0.98	0.98	0.97	0.96	0.94
2	1.04	1.00	0.97	1.02	0.99	0.96	0.99	0.96	0.94	0.96	0.94	0.92	0.93	0.91	0.90	0.88
3	0.98	0.93	0.90	0.97	0.92	0.89	0.94	0.90	0.88	0.92	0.89	0.86	0.89	0.87	0.85	0.83
4	0.93	0.88	0.84	0.92	0.87	0.84	0.90	0.86	0.83	0.88	0.84	0.82	0.86	0.83	0.81	0.79
5	0.89	0.84	0.80	0.88	0.83	0.79	0.86	0.82	0.79	0.84	0.81	0.78	0.83	0.80	0.77	0.76
6	0.85	0.80	0.76	0.84	0.79	0.76	0.83	0.79	0.75	0.82	0.78	0.75	0.80	0.77	0.74	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	0.71	0.78	0.74	0.70	0.77	0.73	0.70	0.77	0.73	0.70	0.76	0.72	0.70	0.69
9	0.76	0.72	0.68	0.76	0.71	0.68	0.75	0.71	0.68	0.74	0.71	0.68	0.74	0.70	0.68	0.67
10	0.74	0.70	0.66	0.74	0.69	0.66	0.73	0.69	0.66	0.72	0.69	0.66	0.72	0.68	0.66	0.65



ROLED 投光灯

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	47615.68	43111.18	33296.44	22307.62	14257.85	9484.77	6622.45	4888.19	3905.94
30.0	49012.31	45666.55	35268.60	24233.73	15516.34	10098.67	7159.62	5241.18	4005.70
60.0	48920.22	43326.05	31454.74	20811.24	13072.25	8900.79	6383.03	4746.22	3654.24
90.0	48421.43	44269.92	32690.22	20972.39	13198.87	8947.60	6384.57	4826.80	3936.64
120.0	47784.50	42689.13	31132.44	20105.25	12872.73	8603.82	6214.21	4711.69	3598.23
150.0	47615.68	44423.40	34977.00	23151.73	15055.92	9761.02	6921.73	5110.72	3921.29
180.0	47615.68	44246.90	33902.67	23604.49	14903.98	9775.60	6755.98	4926.55	3765.51
210.0	49012.31	43479.52	32851.37	21839.52	14066.77	9206.21	6498.14	4839.07	3636.59
240.0	48920.22	44684.30	33948.71	22177.17	14104.37	9507.79	6745.24	4826.80	3890.60
270.0	48421.43	42842.60	30756.43	20112.92	12647.89	8660.61	6170.47	4676.39	3562.93
300.0	47784.50	43679.04	32521.39	21640.00	13743.70	9108.75	6522.70	4880.51	3921.29
330.0	47615.68	42574.02	31654.26	20949.36	13544.19	8962.95	6400.68	4747.76	3661.92
360.0	47615.68	43111.18	33296.44	22307.62	14257.85	9484.77	6622.45	4888.19	3905.94

C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	2888.40	2266.83	1812.54	1459.55	1199.41	993.75	851.02	733.61	636.92
30.0	3028.07	2381.17	1864.72	1497.92	1208.62	989.15	832.60	707.52	610.83
60.0	2820.87	2193.16	1723.53	1403.68	1138.48	947.94	797.15	681.28	590.88
90.0	2840.83	2255.32	1785.68	1436.53	1177.15	988.38	837.21	726.71	633.09
120.0	2803.22	2197.76	1768.03	1444.28	1196.57	989.92	819.02	713.05	622.19
150.0	3027.30	2367.35	1870.86	1502.52	1239.31	1028.28	869.44	754.33	659.94
180.0	2907.59	2271.43	1798.73	1478.12	1210.92	1017.54	863.91	743.89	649.74
210.0	2802.46	2176.28	1735.80	1405.30	1153.75	951.47	802.98	685.19	597.63
240.0	2877.66	2256.09	1799.50	1446.50	1186.36	992.98	833.37	723.64	630.02
270.0	2803.22	2194.70	1739.64	1429.85	1170.94	975.18	830.30	720.41	629.79
300.0	2916.03	2317.48	1829.42	1474.90	1209.38	1012.94	859.46	742.82	653.04
330.0	2842.36	2251.48	1780.31	1446.81	1193.88	990.91	842.27	724.40	638.84
360.0	2888.40	2266.83	1812.54	1459.55	1199.41	993.75	851.02	733.61	636.92

C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	567.09	508.00	458.12	418.22	388.29	354.68	330.74	309.64	291.14
30.0	535.63	479.61	432.03	393.66	365.35	338.03	315.70	296.44	280.25
60.0	524.89	469.40	424.59	389.67	357.60	330.28	307.33	288.07	269.50
90.0	560.18	503.40	457.36	418.99	389.06	331.05	302.50	279.79	259.76
120.0	549.82	497.57	453.14	423.36	399.80	375.63	348.24	308.72	266.89
150.0	587.04	525.65	480.38	440.47	407.48	387.52	355.76	333.50	313.17
180.0	580.14	520.74	472.63	434.87	400.72	371.10	345.93	324.75	303.80
210.0	527.03	469.94	427.43	390.59	358.21	332.27	311.94	292.75	277.02
240.0	563.25	505.70	457.36	419.75	388.29	359.13	335.73	313.24	292.06
270.0	563.64	507.31	461.96	425.28	388.60	357.67	330.36	303.73	281.09
300.0	579.37	525.65	474.24	436.64	401.34	373.87	347.16	314.39	284.47
330.0	568.78	513.76	466.56	427.74	393.36	364.58	341.33	318.46	299.35
360.0	567.09	508.00	458.12	418.22	388.29	354.68	330.74	309.64	291.14

C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	275.79	261.21	246.94	232.28	218.09	202.51	187.24	171.12	155.47
30.0	264.74	250.86	236.35	221.54	207.73	193.38	178.80	163.91	149.25
60.0	251.78	234.82	217.09	199.21	181.94	163.60	147.03	131.91	114.57
90.0	242.26	225.30	208.57	191.38	174.88	160.00	143.12	125.39	108.35
120.0	247.86	230.90	212.26	195.83	179.49	161.00	145.95	130.68	114.72
150.0	295.36	277.33	261.21	244.79	229.29	204.28	185.94	171.51	155.93
180.0	285.62	268.74	253.39	238.27	222.92	208.27	193.53	178.80	162.22
210.0	261.91	247.02	233.13	218.55	203.97	189.70	176.11	160.92	146.19
240.0	274.26	256.00	236.74	218.24	201.21	181.94	164.30	147.49	129.00
270.0	260.91	242.80	224.69	204.12	178.11	161.15	143.81	126.16	108.58
300.0	264.82	246.86	228.75	211.87	195.07	177.57	159.69	143.58	125.85
330.0	281.86	265.44	249.78	235.05	219.47	199.59	180.64	164.83	149.79
360.0	275.79	261.21	246.94	232.28	218.09	202.51	187.24	171.12	155.47

# 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	129.84	111.96	98.30	83.95	69.83	54.41	39.06	22.02	6.75
30.0	132.37	113.96	91.78	72.59	54.56	41.21	26.24	8.67	4.14
60.0	96.54	80.42	70.06	57.94	39.06	20.87	14.81	8.82	5.45
90.0	94.46	84.49	70.91	55.48	34.53	23.25	16.04	10.67	6.37
120.0	96.31	80.80	70.37	58.24	40.82	21.95	15.42	8.90	5.83
150.0	139.66	120.55	97.07	72.90	55.33	40.67	26.01	8.82	4.07
180.0	144.73	115.87	99.22	84.87	69.91	55.94	40.98	25.32	9.59
210.0	129.38	109.50	88.40	69.98	52.03	38.45	23.87	8.13	4.07
240.0	103.21	84.64	73.59	61.31	46.20	23.87	16.65	9.36	6.29
270.0	94.00	83.57	70.60	54.56	33.23	23.48	15.73	10.82	6.22
300.0	102.21	83.57	72.13	60.62	44.28	24.10	16.73	9.44	6.29
330.0	133.37	111.50	86.25	69.06	51.34	38.06	22.10	8.44	4.07
360.0	129.84	111.96	98.30	83.95	69.83	54.41	39.06	22.02	6.75
C/γ(°)	90.0								
0.0	0.38								
30.0	0.61								
60.0	0.23								
90.0	0.31								
120.0	0.38								
150.0	1.00								
180.0	0.54								
210.0	0.46								
240.0	0.46								
270.0	0.38								
300.0	0.38								
330.0	0.46								
360.0	0.38								