

Roled Opto Electronics (China)Co.,Ltd  
Http://www.roled.com.cn  
Email:sensing@sensingm.com  
Tel: 0573-84236688(-121) Fax:+86-0573-84882788  
Address:No.8,HechuangRoad,HuimingStreet, JiashanCounty,Jiaxin City , Zhejiang Province.

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## ROLED

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灯具名称: 投光灯  
灯具描述: FWK2231B8-1-24DC-RC-Y(40-OST-1RGBWN-AJ.P4)  
报告编号: 电压(V): 23.6000  
测试编号: 20221217001 电流(A): 0.6280  
光源规格型号: OST 功率(W): 14.8000  
每个光源光通量(lm) 功率因数: 1.0230  
光源数量: 1 镇流器型号:  
发光面长度(mm): 55 发光面宽度 (mm): 55  
测试模式: C 发光面高度(mm): 0

## 光度结果

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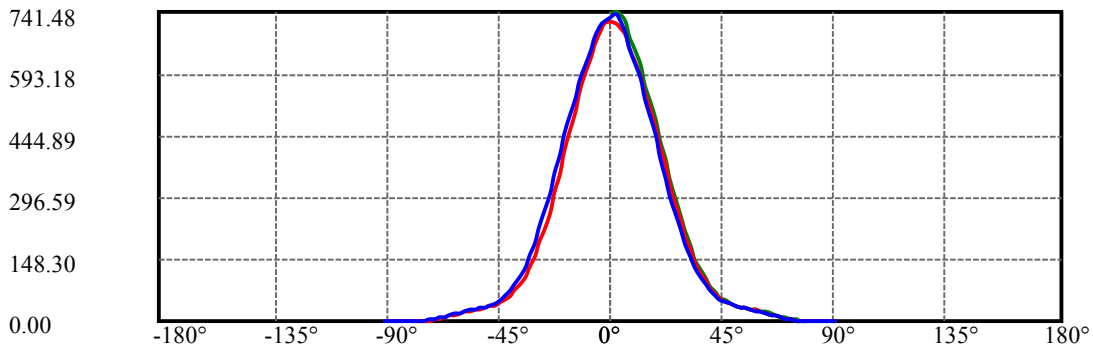
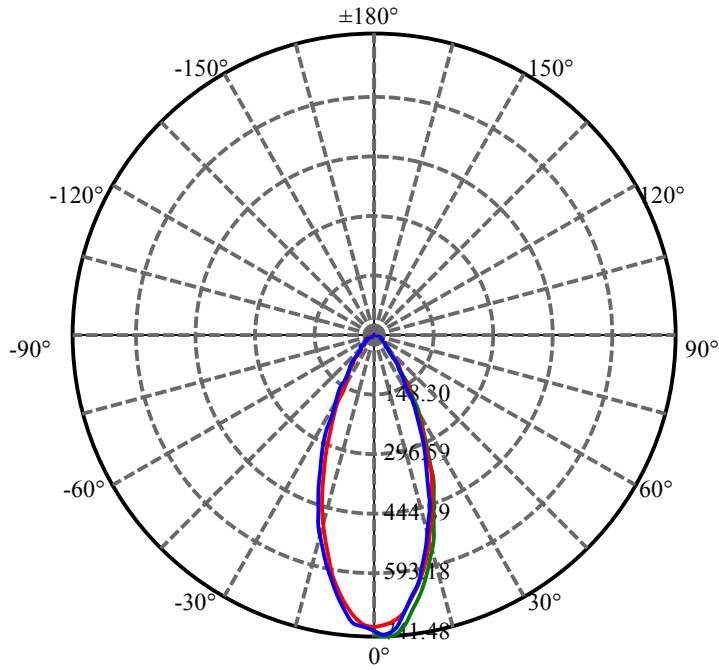
灯具光通量(lm): 489.05  
灯具效能(lm/w): 33.04  
中心光强(cd): 718.473  
最大光强(cd): 741.479  
最大光强角度:  $C=30.0 \gamma=2.0$   
半峰边角(50%Imax): [C0/180]Total=42.4  
                          [C90/270]Total=42.7  
光束扩散角(10%Imax): [C0/180]Total=79.4  
                          [C90/270]Total=80.1

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测试设备: GMS-1800  
环境温度(°C): 25.0

测试日期: 2022/12/17  
环境湿度(%): 60.0%

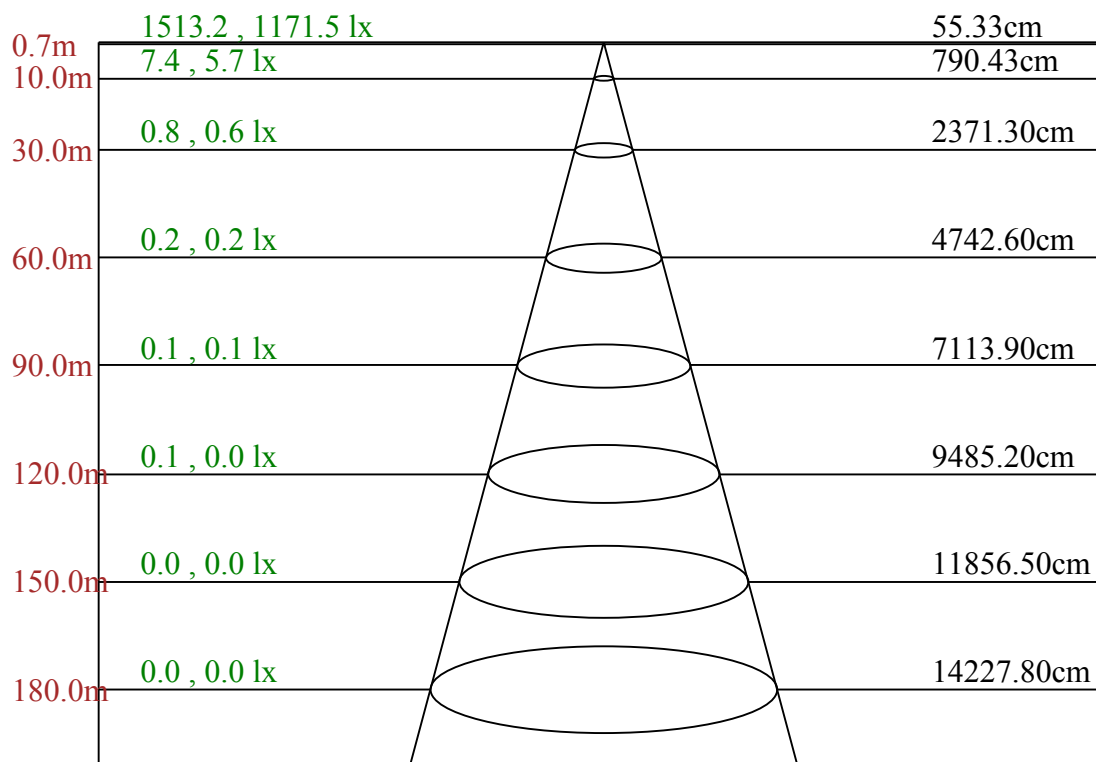
测试人员: 安培楼  
测试距离(m): 9.30



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

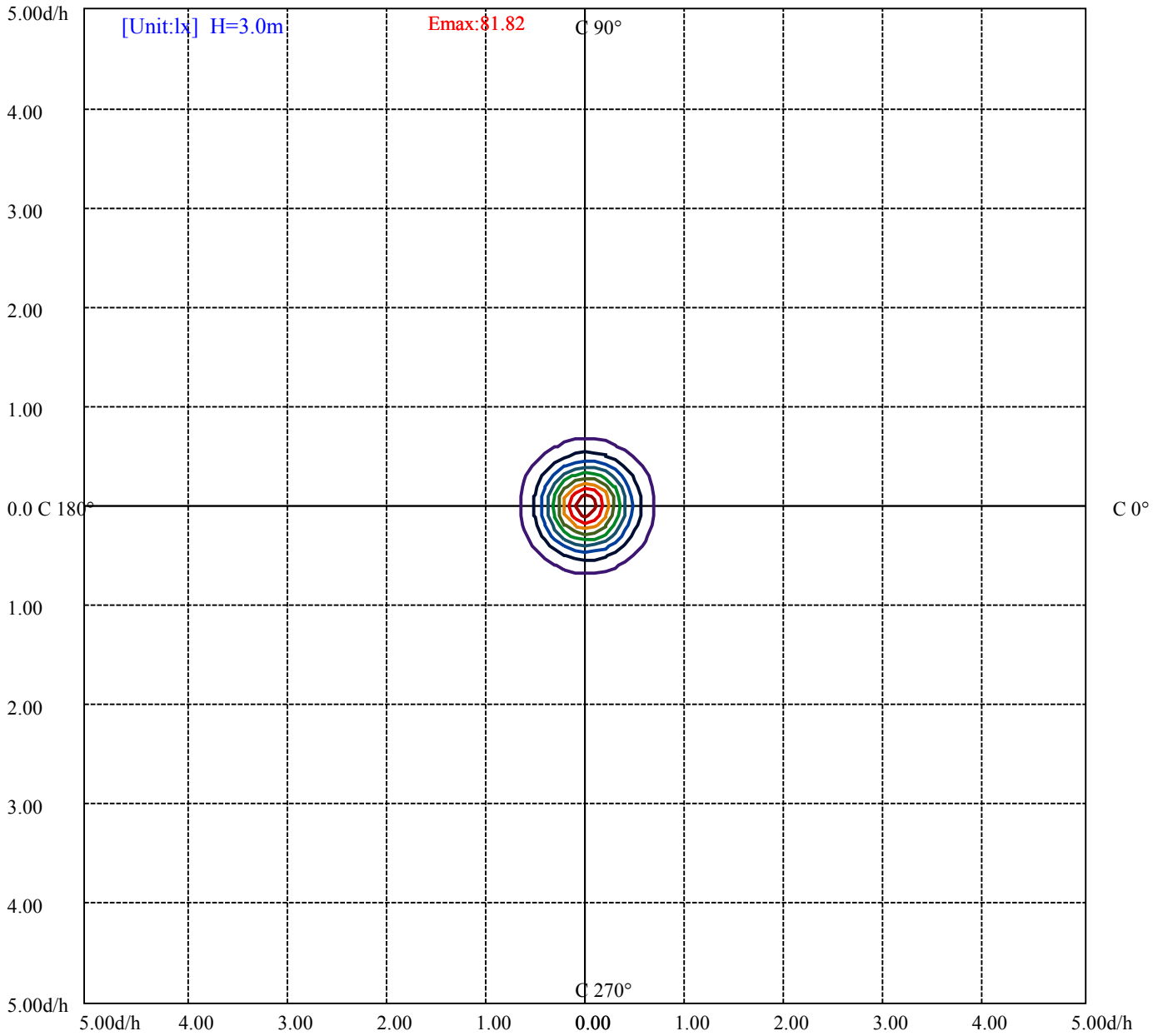
# ROLED 投光灯

## 照度距离图表



Max , Ave    C30面光束角43.11

ROLED 投光灯  
平面等照度曲线



(10%Emax) 8.181956	——
(20%Emax) 16.36389	——
(30%Emax) 24.54589	——
(40%Emax) 32.72778	——
(50%Emax) 40.90977	——
(60%Emax) 49.09178	——
(70%Emax) 57.27367	——
(80%Emax) 65.45567	——
(90%Emax) 73.63755	——

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# ROLED 投光灯

## 灯具的亮度限制曲线(灯具无发光侧边)

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亮度值表

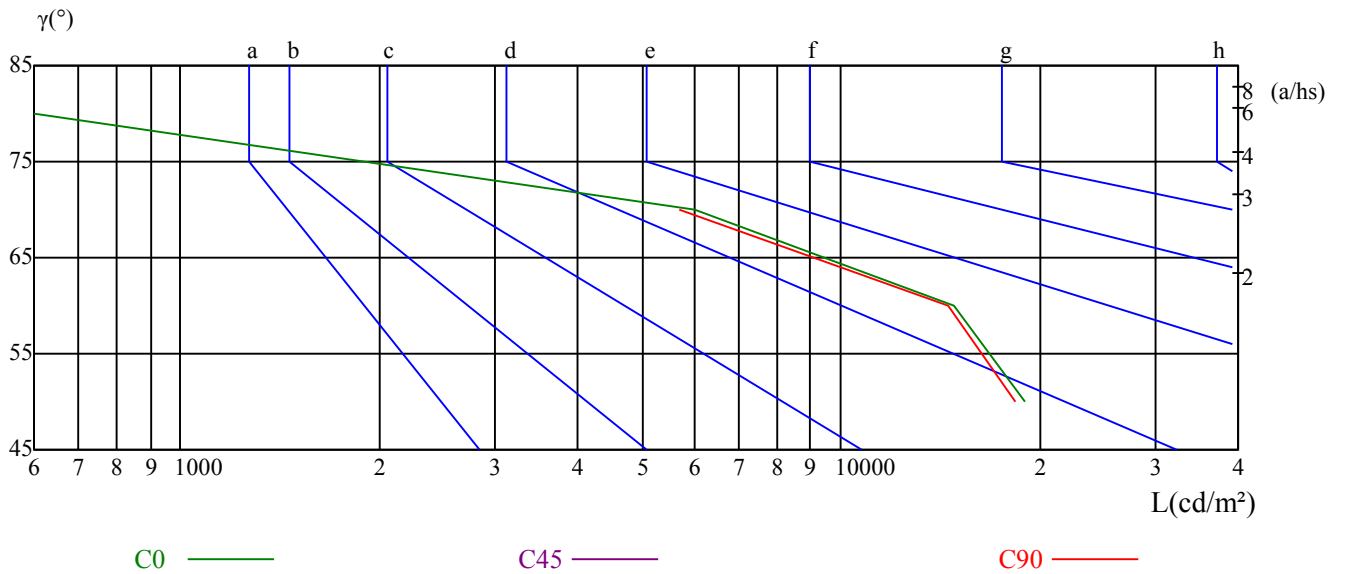
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	19038	0	14811	0	6019	0	165	0
C45	0	0	0	0	0	0	0	0	0
C90	0	18371	0	14525	0	5685	0	0	0

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



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测试日期: 2022/12/17  
环境湿度(%): 60.0%

测试人员: 安培楼  
测试距离(m): 9.30

ROLED 投光灯

光强数据表(cd)

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C/γ(°)	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0
0.0	718.47	712.76	704.89	686.56	656.03	623.07	583.98	546.70	504.32
30.0	738.11	741.48	737.59	717.26	683.79	648.33	610.27	567.11	523.44
60.0	734.65	741.22	726.69	699.44	664.68	631.20	588.39	543.33	500.86
90.0	729.63	735.60	722.02	691.06	652.91	617.54	578.36	533.56	488.15
120.0	727.73	728.33	709.05	681.28	645.56	607.85	563.91	517.12	470.59
150.0	722.11	723.58	707.83	679.12	644.44	607.59	567.46	522.05	475.26
180.0	718.47	714.32	695.99	664.42	629.99	595.14	549.56	503.03	454.33
210.0	738.11	738.28	720.12	690.02	650.15	609.67	566.16	521.97	474.66
240.0	734.65	732.66	718.39	688.46	646.51	611.14	569.36	526.72	482.87
270.0	729.63	718.73	711.21	683.88	650.15	611.74	573.69	534.68	492.04
300.0	727.73	715.10	707.32	689.15	658.62	623.68	587.18	551.37	510.03
330.0	722.11	712.68	703.68	681.80	652.22	616.67	579.31	539.61	501.81
360.0	718.47	712.76	704.89	686.56	656.03	623.07	583.98	546.70	504.32
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	461.25	418.61	372.77	328.83	281.44	241.48	201.87	170.39	140.89
30.0	478.29	431.67	384.62	338.95	292.77	250.56	214.67	178.86	148.94
60.0	453.47	406.07	358.33	313.96	270.97	230.84	195.73	163.12	134.32
90.0	440.15	389.98	343.11	300.90	257.83	218.13	184.22	153.95	128.01
120.0	422.42	375.11	327.11	283.17	239.75	204.29	171.25	142.62	118.23
150.0	429.51	379.52	331.69	286.37	245.55	205.76	172.98	143.83	119.01
180.0	405.03	353.92	309.03	263.88	222.63	187.25	155.42	128.26	106.12
210.0	426.48	379.26	332.64	284.55	243.04	202.82	168.40	140.55	115.46
240.0	438.42	391.97	346.91	299.17	254.80	214.15	177.65	148.42	122.30
270.0	447.76	400.45	355.73	308.77	265.26	224.10	188.89	157.84	129.82
300.0	466.27	419.13	371.82	325.63	279.19	237.33	198.49	167.27	138.30
330.0	456.06	411.87	369.74	323.82	282.30	238.71	202.82	169.87	142.10
360.0	461.25	418.61	372.77	328.83	281.44	241.48	201.87	170.39	140.89
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	115.46	96.52	79.48	65.30	54.75	47.31	41.08	37.02	33.47
30.0	122.38	101.45	83.12	69.19	57.52	48.52	42.73	37.88	34.42
60.0	111.31	92.72	76.46	64.00	54.06	46.27	40.82	36.93	33.56
90.0	106.82	88.22	72.74	59.94	51.38	44.46	39.61	35.72	32.78
120.0	99.29	81.99	67.64	57.26	48.95	42.64	37.97	34.68	31.83
150.0	99.38	81.65	67.38	56.22	47.92	41.52	36.93	33.56	30.62
180.0	88.83	73.52	60.89	52.07	44.72	38.92	34.68	31.48	28.80
210.0	96.00	79.22	65.39	54.83	46.62	40.39	35.72	32.43	29.75
240.0	101.11	83.72	69.28	56.91	48.61	41.69	36.59	32.95	30.10
270.0	107.94	88.83	73.86	59.94	50.68	42.99	37.71	33.73	30.53
300.0	114.51	96.09	78.97	64.61	54.58	46.62	40.30	35.98	32.52
330.0	117.71	96.87	80.18	65.21	54.92	46.70	40.65	36.07	32.61
360.0	115.46	96.52	79.48	65.30	54.75	47.31	41.08	37.02	33.47
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	30.53	28.11	25.51	22.40	19.20	15.74	12.11	8.82	6.23
30.0	31.57	29.15	26.64	24.39	21.62	18.34	15.14	11.24	7.87
60.0	30.88	28.54	26.12	23.87	21.19	18.34	14.96	11.33	7.78
90.0	30.19	27.94	25.26	21.97	18.85	15.14	11.76	8.30	5.88
120.0	29.32	27.07	24.91	22.57	19.98	17.13	13.84	10.29	6.75
150.0	28.20	25.77	23.78	21.54	19.11	16.17	12.89	9.34	6.31
180.0	26.47	24.30	21.54	18.34	15.05	11.59	8.39	6.05	3.63
210.0	27.50	25.17	22.75	20.58	18.16	15.14	11.76	8.48	5.54
240.0	27.33	25.17	23.01	20.84	18.51	15.65	12.28	8.99	6.05
270.0	28.11	25.86	23.18	19.81	16.43	12.97	9.60	7.27	4.67
300.0	29.49	27.07	24.91	22.66	20.33	17.56	14.18	10.72	7.35
330.0	29.93	27.42	25.00	22.75	20.41	17.64	14.62	11.33	7.78
360.0	30.53	28.11	25.51	22.40	19.20	15.74	12.11	8.82	6.23

# ROLED 投光灯

## 光强数据表(cd)

附页 第 7页 共7页

C/γ(°)	72.0	74.0	76.0	78.0	80.0	82.0	84.0	86.0	88.0
0.0	3.98	1.90	0.52	0.00	0.09	0.00	0.00	0.00	0.00
30.0	5.19	3.03	1.21	0.09	0.00	0.09	0.00	0.00	0.00
60.0	4.93	2.77	0.95	0.09	0.00	0.00	0.00	0.00	0.00
90.0	3.37	1.38	0.17	0.00	0.00	0.00	0.00	0.00	0.00
120.0	4.24	2.16	0.69	0.09	0.00	0.17	0.00	0.00	0.09
150.0	3.89	1.82	0.43	0.09	0.09	0.00	0.00	0.00	0.00
180.0	1.73	0.35	0.09	0.09	0.09	0.00	0.00	0.00	0.00
210.0	3.11	1.38	0.17	0.09	0.00	0.09	0.00	0.00	0.00
240.0	3.63	1.73	0.35	0.00	0.09	0.09	0.00	0.00	0.00
270.0	2.51	0.69	0.00	0.09	0.00	0.00	0.00	0.00	0.00
300.0	4.84	2.68	1.04	0.00	0.09	0.00	0.09	0.00	0.00
330.0	5.28	2.85	1.12	0.09	0.09	0.09	0.00	0.00	0.00
360.0	3.98	1.90	0.52	0.00	0.09	0.00	0.00	0.00	0.00
C/γ(°)	90.0								
0.0	0.00								
30.0	0.00								
60.0	0.00								
90.0	0.00								
120.0	0.00								
150.0	0.00								
180.0	0.00								
210.0	0.00								
240.0	0.00								
270.0	0.00								
300.0	0.00								
330.0	0.00								
360.0	0.00								