

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.

ROLED

灯具名称: 投光灯
灯具描述: FWK2531C-8-UN-PC-A3(7-TX-8RGBWN-AJ.P4)
报告编号: 电压(V): 219.7000
测试编号: 20230203002 电流(A): 0.4880
光源规格型号: TX 功率(W): 102.7000
每个光源光通量(lm) 功率因数: 0.9580
光源数量: 8 镇流器型号:
发光面长度(mm): 180 发光面宽度 (mm): 180
测试模式: C 发光面高度(mm): 0

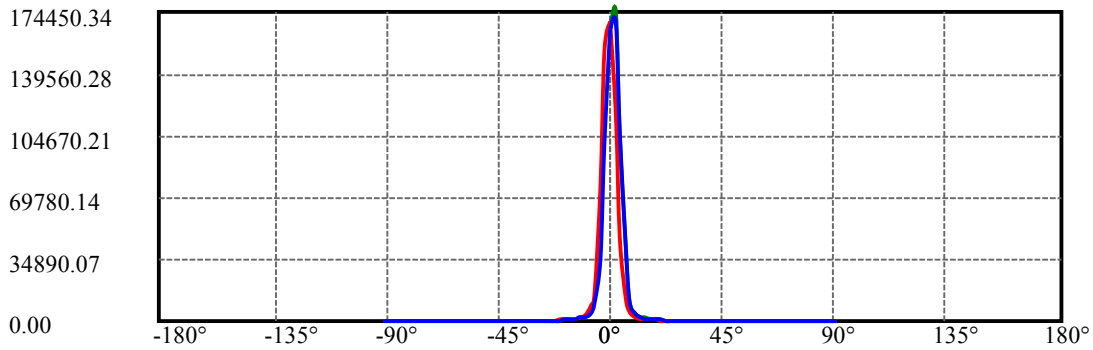
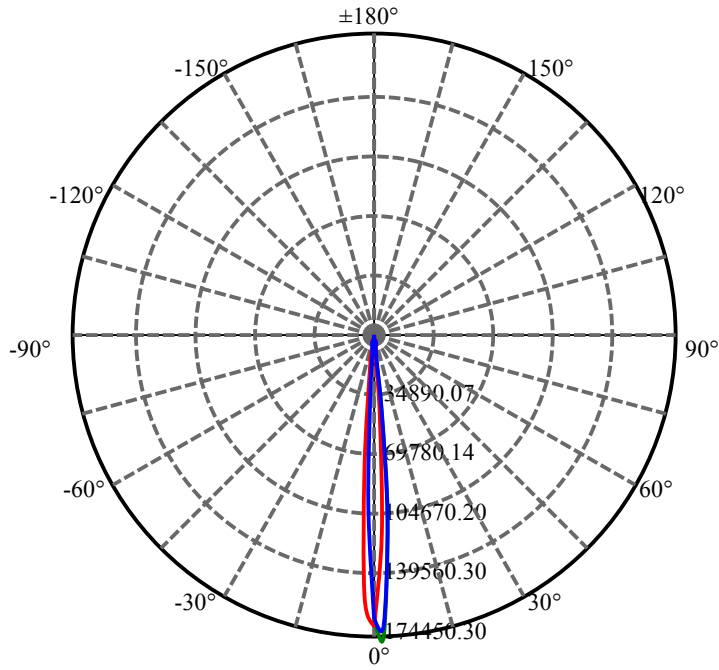
光度结果

灯具光通量(lm): 3809.54
灯具效能(lm/w): 37.09
中心光强(cd): 168655.500
最大光强(cd): 174450.300
最大光强角度: $C=150.0 \gamma=2.0$
半峰边角(50%Imax): [C0/180]Total=6.7
 [C90/270]Total=7.3
光束扩散角(10%Imax): [C0/180]Total=11.9
 [C90/270]Total=13.3

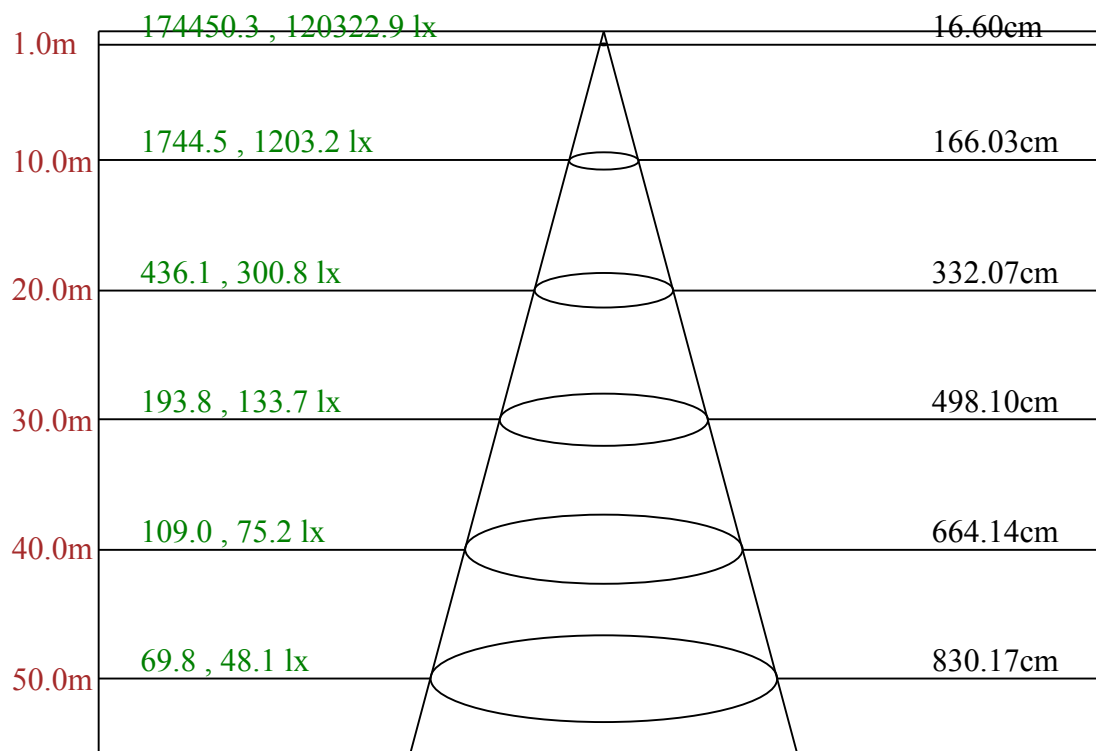
测试设备: GMS-1800
环境温度(°C): 25.0

测试日期: 2023/2/3
环境湿度(%): 60.0%

测试人员: 安培楼
测试距离(m): 9.30

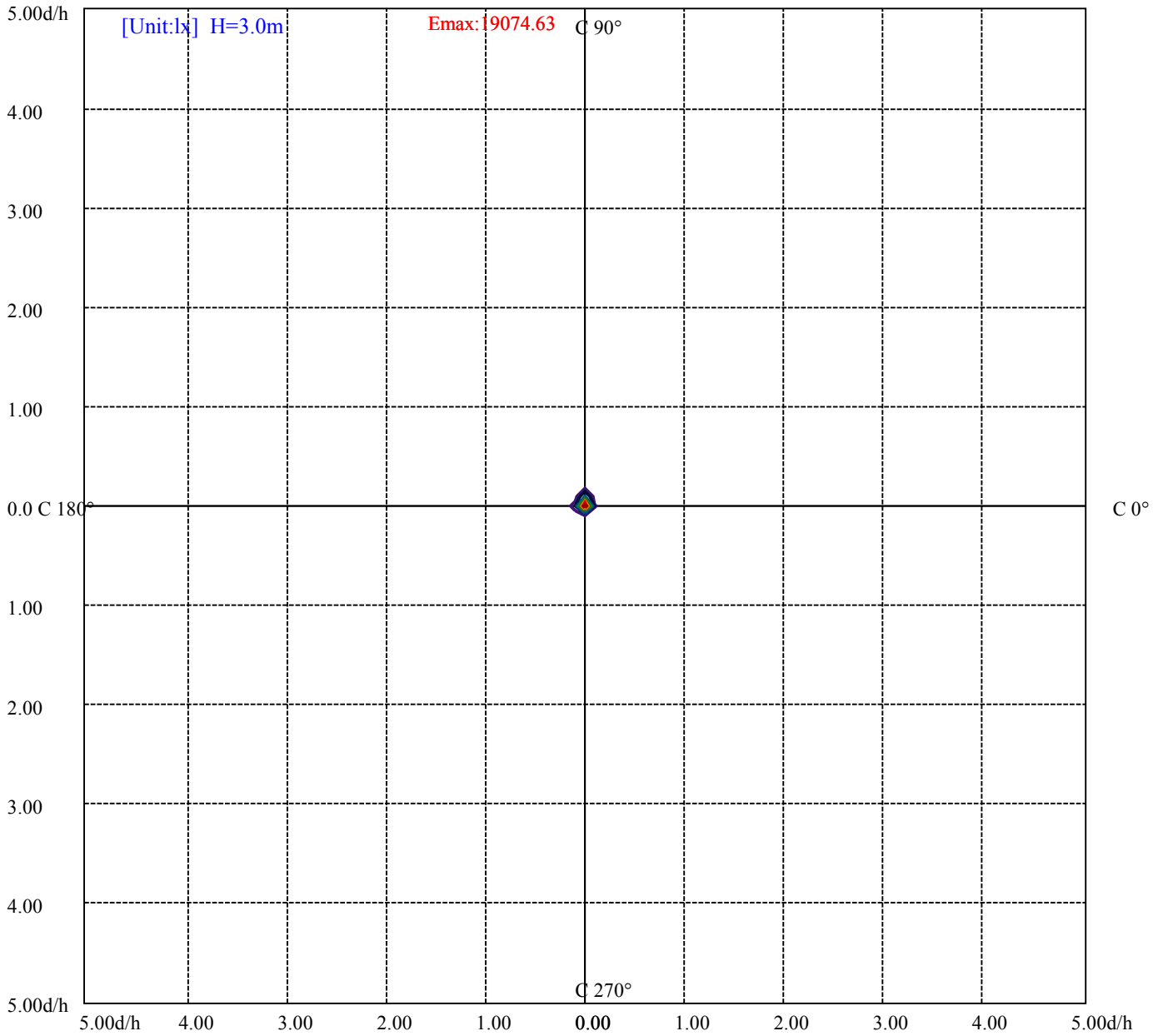


C150(Max): ————
C0/C180: ————
C90/C270: ————



Max , Ave C150面光束角9.49

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平面等照度曲线



- (10%Emax) 1907.456
- (20%Emax) 3814.922
- (30%Emax) 5722.377
- (40%Emax) 7629.845
- (50%Emax) 9537.301
- (60%Emax) 11444.78
- (70%Emax) 13352.22
- (80%Emax) 15259.67
- (90%Emax) 17167.11

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灯具的亮度限制曲线(灯具无发光侧边)

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亮度值表

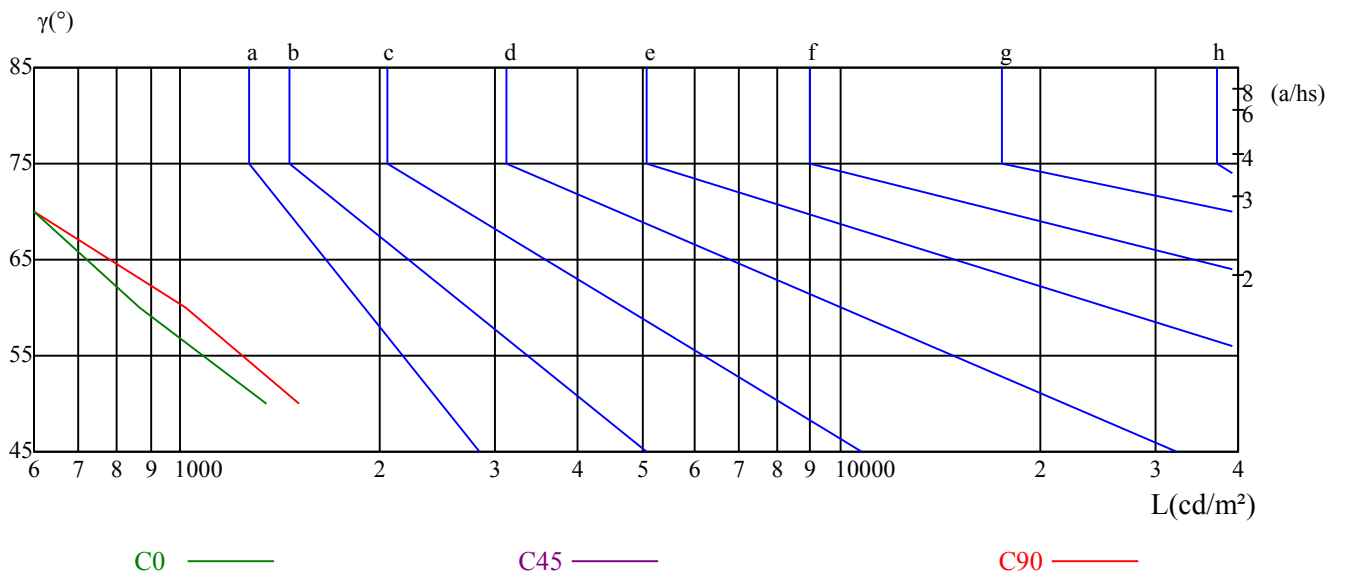
γ	45	50	55	60	65	70	75	80	85
C0	0	1354	0	865	0	437	0	154	0
C45	0	0	0	0	0	0	0	0	0
C90	0	1516	0	1020	0	546	0	200	0

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	1238	1470	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



测试设备: GMS-1800
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测试日期: 2023/2/3
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	168655.50	115723.62	47742.48	14175.71	4973.18	2532.43	1581.90	1120.05	803.49
30.0	172616.74	136394.73	65490.23	20273.26	6313.77	3060.88	1852.62	1275.73	908.15
60.0	170731.26	144152.88	75090.62	17240.05	7433.82	3265.86	1711.64	1333.76	944.90
90.0	164979.68	168136.56	106815.15	45753.21	11503.17	4436.94	2408.75	1570.66	1101.02
120.0	170817.75	169952.85	101755.49	37208.00	10478.26	4319.31	2419.13	1631.20	1153.69
150.0	164841.29	174450.33	105950.25	44196.39	11831.83	4791.55	2657.84	1785.15	1248.92
180.0	168655.50	151288.31	76509.05	17148.37	8322.93	3783.07	2348.20	1587.70	1128.35
210.0	172616.74	133661.65	59384.03	16506.62	6742.76	3455.28	2170.03	1507.95	1074.90
240.0	170731.26	124459.11	53684.34	16251.47	6218.63	3168.13	2012.62	1409.79	1024.04
270.0	164979.68	99722.97	36005.79	11339.70	4544.18	2528.10	1695.03	1219.85	870.18
300.0	170817.75	102404.16	44715.33	11312.89	4497.48	2536.75	1642.45	1181.45	832.90
330.0	164841.29	94170.31	34604.65	9832.18	3982.00	2291.12	1518.33	1069.02	761.46
360.0	168655.50	115723.62	47742.48	14175.71	4973.18	2532.43	1581.90	1120.05	803.49
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	582.94	444.56	353.92	308.25	272.79	224.01	170.04	134.92	108.20
30.0	664.24	492.13	388.69	331.60	297.35	251.43	193.48	148.50	119.10
60.0	696.85	512.54	396.99	335.41	301.59	254.97	198.32	150.41	119.27
90.0	809.55	589.86	443.69	359.54	315.77	273.31	220.46	168.22	130.95
120.0	836.10	606.38	459.35	365.33	310.93	268.81	216.05	165.54	128.44
150.0	896.04	646.08	484.34	379.00	316.90	272.36	219.60	170.21	131.38
180.0	815.51	600.41	449.58	357.38	304.10	257.31	207.06	156.29	123.16
210.0	795.10	584.93	446.98	359.80	306.00	254.37	199.36	155.42	120.22
240.0	734.30	550.94	440.23	337.92	288.36	240.44	185.26	143.40	114.60
270.0	633.37	478.29	372.34	316.90	274.26	221.15	170.39	134.75	106.73
300.0	611.48	458.40	364.81	310.76	270.54	218.13	163.81	127.57	100.67
330.0	563.91	425.79	346.74	303.49	263.19	205.15	158.02	124.55	100.24
360.0	582.94	444.56	353.92	308.25	272.79	224.01	170.04	134.92	108.20
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	87.96	73.95	62.79	53.80	45.93	38.66	32.78	28.20	24.56
30.0	95.92	78.45	65.39	56.39	47.92	40.65	34.51	29.84	26.47
60.0	97.21	81.47	69.62	60.89	52.76	43.94	36.59	31.05	27.24
90.0	105.86	85.88	70.84	60.02	51.98	44.28	37.36	31.57	27.42
120.0	102.66	82.86	69.28	60.63	52.93	48.87	38.23	33.21	29.58
150.0	104.48	85.11	71.87	62.10	53.36	45.23	37.71	32.26	28.54
180.0	97.39	78.88	64.87	55.18	47.66	39.87	33.90	29.49	26.55
210.0	96.18	77.58	64.18	55.27	47.31	40.04	34.60	30.96	28.46
240.0	92.37	77.75	65.91	57.43	48.87	41.26	35.11	31.05	28.28
270.0	86.49	72.22	61.41	53.54	46.01	38.92	33.47	29.67	26.81
300.0	82.08	68.67	59.33	52.07	45.23	38.49	33.47	30.10	27.24
330.0	84.07	71.61	62.88	54.49	46.53	38.66	33.21	29.41	26.55
360.0	87.96	73.95	62.79	53.80	45.93	38.66	32.78	28.20	24.56
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	21.62	18.94	16.26	14.01	11.85	9.77	7.70	6.14	4.84
30.0	23.87	21.10	18.25	15.40	12.80	10.38	8.30	6.57	5.10
60.0	24.56	21.80	18.85	15.91	13.23	10.81	8.91	7.27	5.71
90.0	24.48	21.80	19.20	16.52	14.01	11.59	9.51	7.52	6.05
120.0	27.07	23.96	20.33	17.47	14.70	12.20	9.95	7.96	6.14
150.0	26.21	23.70	21.02	18.16	14.96	11.94	9.34	7.61	5.97
180.0	24.48	21.71	18.60	14.96	12.11	9.77	8.04	6.40	5.19
210.0	26.12	23.27	19.46	15.91	13.06	10.21	8.04	6.31	4.76
240.0	25.26	22.31	18.60	15.40	12.97	10.47	8.30	6.66	5.19
270.0	23.87	20.58	16.95	13.92	11.50	9.43	7.61	6.31	5.02
300.0	24.65	22.05	19.29	16.43	13.75	11.42	9.51	7.78	6.31
330.0	23.44	19.98	16.69	14.18	11.94	9.69	7.78	6.31	4.76
360.0	21.62	18.94	16.26	14.01	11.85	9.77	7.70	6.14	4.84

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光强数据表(cd)

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C/γ(°)	72.0	74.0	76.0	78.0	80.0	82.0	84.0	86.0	88.0
0.0	3.89	3.03	1.90	1.38	0.86	0.35	0.35	0.26	0.26
30.0	3.89	2.94	2.16	1.47	0.95	0.52	0.35	0.26	0.35
60.0	4.41	3.20	2.34	1.64	0.95	0.52	0.35	0.35	0.35
90.0	4.84	3.81	2.77	1.73	1.12	0.61	0.26	0.35	0.26
120.0	4.58	3.46	2.51	1.64	1.12	0.69	0.26	0.35	0.35
150.0	4.84	3.81	2.85	1.99	1.21	0.61	0.35	0.35	0.35
180.0	4.24	3.11	2.25	1.38	0.95	0.35	0.35	0.35	0.26
210.0	3.72	3.03	2.08	1.47	0.86	0.43	0.43	0.35	0.35
240.0	4.07	3.29	1.99	1.47	0.86	0.52	0.26	0.35	0.35
270.0	3.89	2.77	1.90	1.12	0.69	0.35	0.35	0.26	0.35
300.0	5.10	3.63	2.68	1.47	0.69	0.35	0.26	0.26	0.26
330.0	3.55	2.51	1.73	1.12	0.78	0.35	0.43	0.35	0.26
360.0	3.89	3.03	1.90	1.38	0.86	0.35	0.35	0.26	0.26

C/γ(°)	90.0
0.0	0.35
30.0	0.26
60.0	0.26
90.0	0.35
120.0	0.35
150.0	0.26
180.0	0.35
210.0	0.26
240.0	0.35
270.0	0.35
300.0	0.26
330.0	0.26
360.0	0.35