

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: FWK2611C1.8-27-36DC(45-XPG-27WN-AJ.P1)  
报告编号: 电压(V): 36.0000  
测试编号: 20230313006 电流(A): 3.7480  
光源规格型号: XPG 功率(W): 134.8000  
每个光源光通量(lm) 功率因数: 1.0210  
光源数量: 27 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

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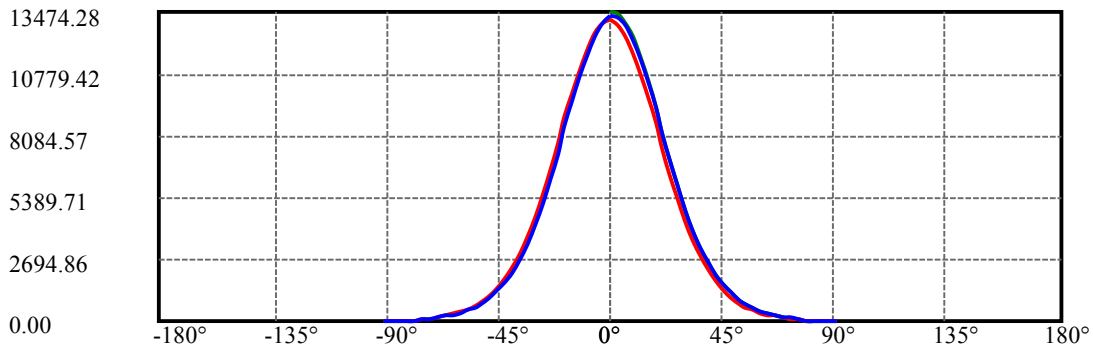
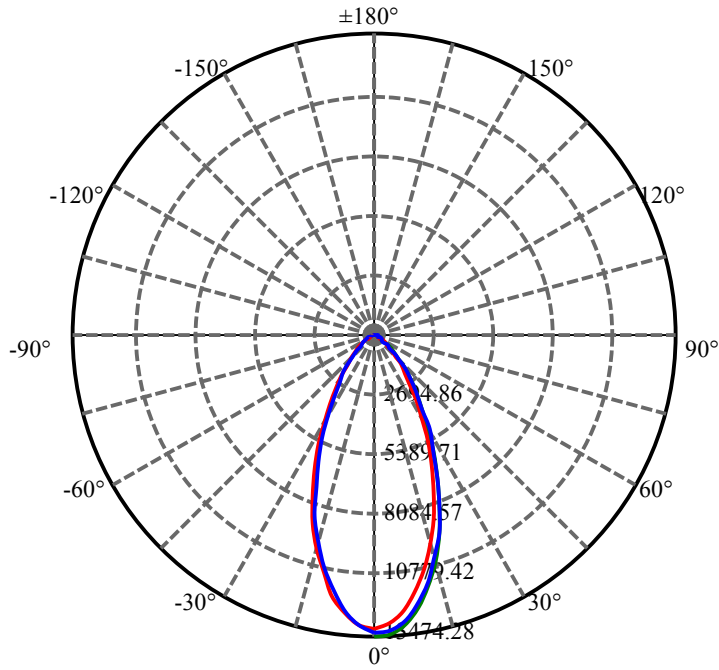
灯具光通量(lm): 10821.15  
灯具效能(lm/w): 80.28  
中心光强(cd): 13138.700  
最大光强(cd): 13474.280  
最大光强角度: C=30.0  $\gamma$ =0.0  
半峰边角(50%Imax): [C0/180]Total=47.6  
                                  [C90/270]Total=47.8  
光束扩散角(10%Imax): [C0/180]Total=91.5  
                                  [C90/270]Total=91.9

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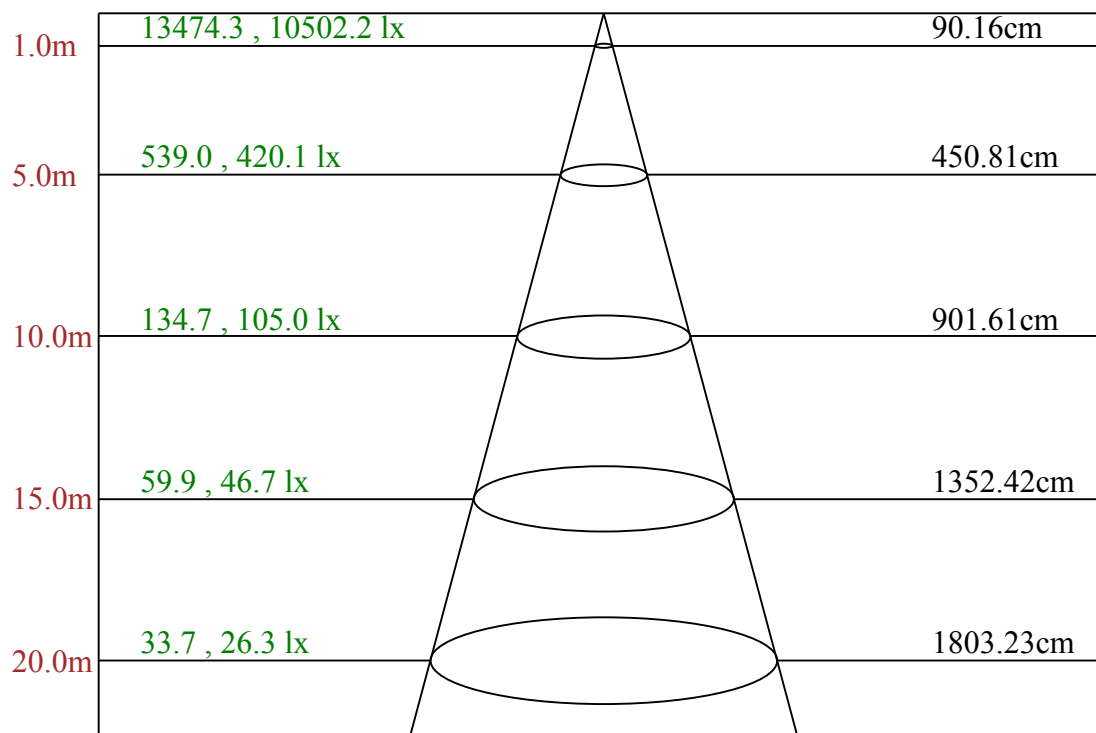
测试设备: GMS-1800  
环境温度(°C): 25.0

测试日期: 2023/3/13  
环境湿度(%): 60.0%

测试人员: 安培楼  
测试距离(m): 9.30

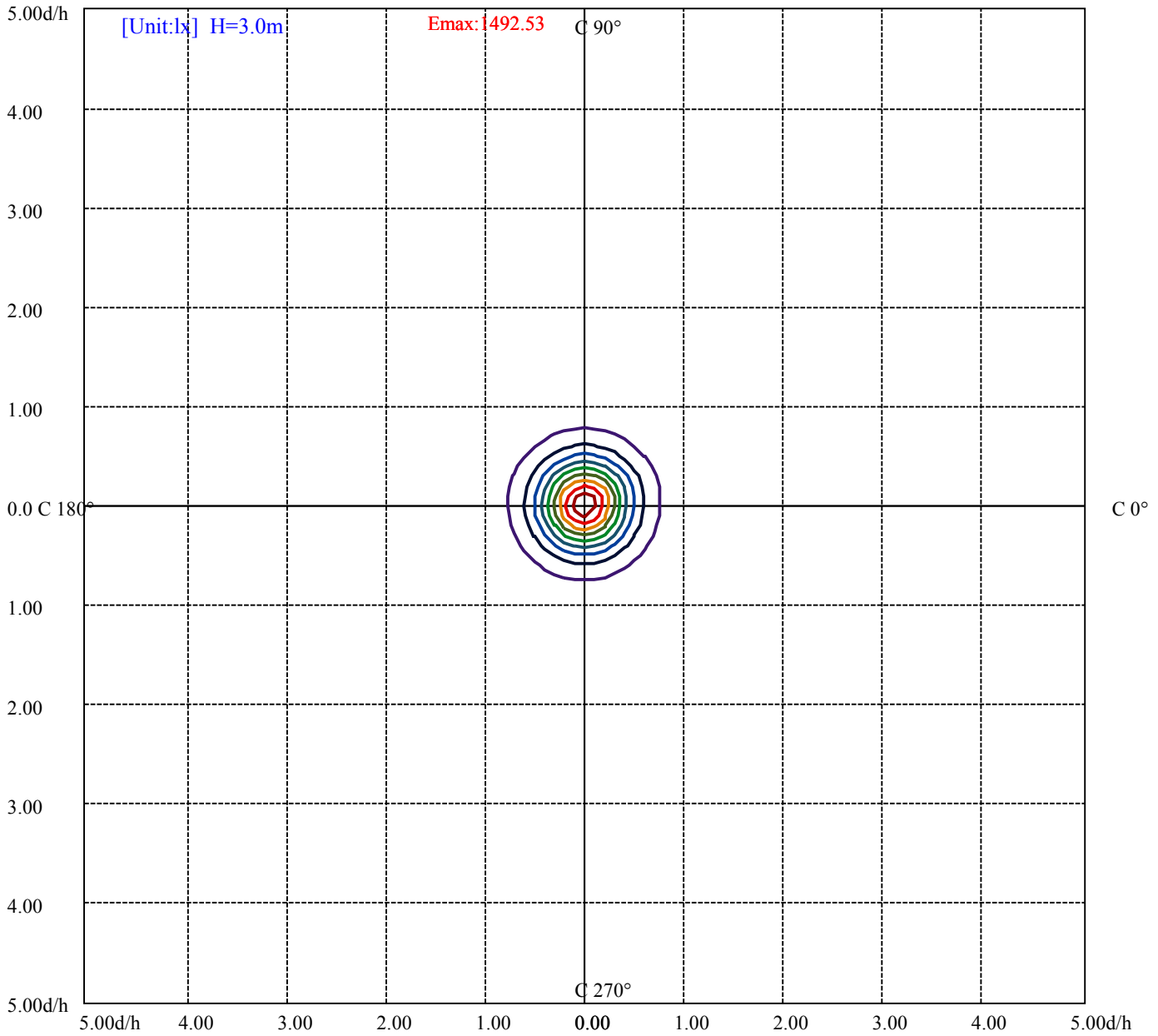


C30(Max): —  
C0/C180: —  
C90/C270: —



Max , Ave    C30面光束角48.52

ROLED 投光灯  
平面等照度曲线



(10%Emax) 149.2533	—
(20%Emax) 298.5056	—
(30%Emax) 447.7578	—
(40%Emax) 597.0111	—
(50%Emax) 746.2644	—
(60%Emax) 895.5167	—
(70%Emax) 1044.769	—
(80%Emax) 1194.022	—
(90%Emax) 1343.278	—

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# ROLED 投光灯

## 灯具的亮度限制曲线(灯具无发光侧边)

附页 第 5页 共6页

亮度值表

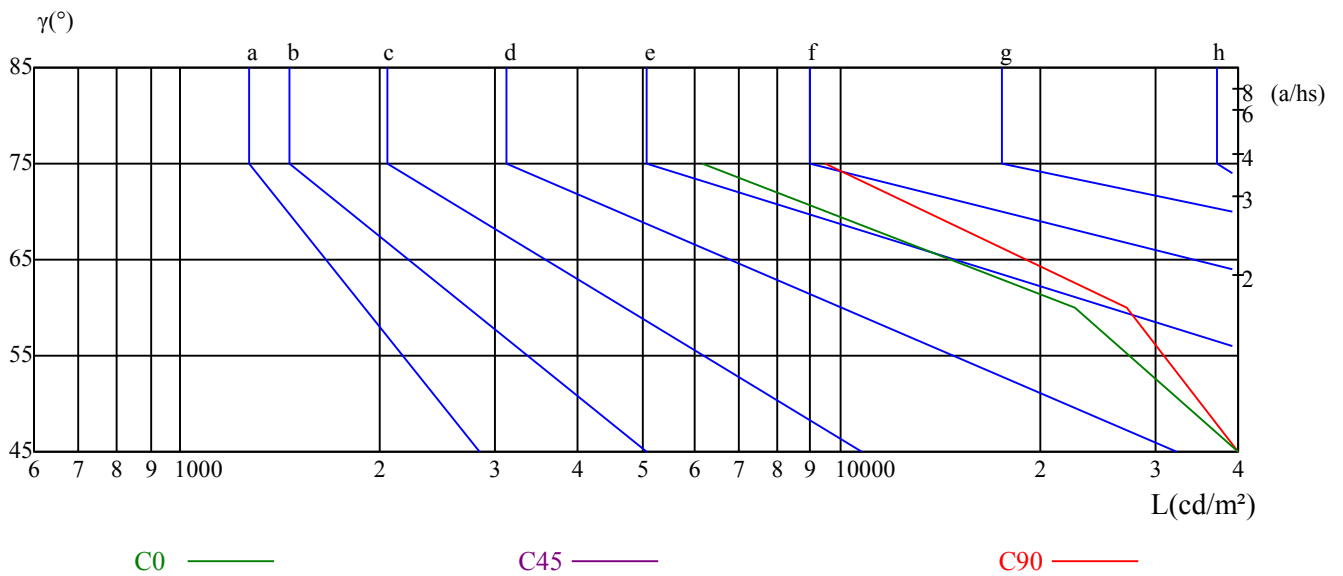
$\gamma$	45	50	55	60	65	70	75	80	85
C0	59195	0	0	22674	0	0	6168	0	0
C45	0	0	0	0	0	0	0	0	0
C90	68557	0	0	27122	0	0	9499	0	0

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	7240	7684	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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## 光强数据表(cd)

附页 第6页 共6页

C/γ(°)	0.0	3.0	6.0	9.0	12.0	15.0	18.0	21.0	24.0
0.0	13138.70	12927.66	12396.61	11648.47	10731.68	9730.13	8657.65	7505.60	6401.12
30.0	13474.28	13399.03	13001.18	12362.02	11485.01	10448.86	9328.81	8186.28	7047.21
60.0	13391.25	13307.35	12909.50	12272.07	11399.38	10361.50	9238.00	8109.30	6983.20
90.0	13301.30	13256.32	12852.41	12211.52	11360.46	10393.50	9311.51	8204.44	7035.96
120.0	13245.08	13146.48	12705.38	12052.38	11165.86	10165.17	9055.50	7944.11	6798.98
150.0	13181.94	13088.53	12645.70	11989.24	11135.59	10114.14	9050.31	7907.78	6766.98
180.0	13138.70	12995.99	12512.51	11808.48	10917.63	9898.78	8847.06	7741.72	6606.97
210.0	13474.28	13195.78	12618.89	11813.67	10849.31	9781.15	8628.24	7489.17	6339.72
240.0	13391.25	13119.67	12544.51	11745.34	10795.68	9743.96	8602.30	7429.49	6310.31
270.0	13301.30	12985.61	12392.29	11580.15	10612.32	9576.17	8474.29	7303.22	6178.85
300.0	13245.08	12981.28	12445.05	11666.64	10704.00	9660.93	8519.27	7387.98	6240.25
330.0	13181.94	12909.50	12348.18	11591.39	10630.49	9597.80	8466.51	7307.54	6204.79
360.0	13138.70	12927.66	12396.61	11648.47	10731.68	9730.13	8657.65	7505.60	6401.12
C/γ(°)	27.0	30.0	33.0	36.0	39.0	42.0	45.0	48.0	51.0
0.0	5326.05	4350.45	3527.93	2829.95	2235.77	1741.04	1356.16	1038.74	794.84
30.0	5916.78	4879.77	3944.81	3155.16	2523.78	2010.03	1577.58	1229.89	960.04
60.0	5862.29	4835.66	3911.94	3134.40	2509.94	1983.22	1580.00	1229.46	961.34
90.0	5949.65	4893.60	3969.03	3206.18	2569.62	2019.54	1570.66	1225.56	937.55
120.0	5689.31	4698.14	3829.78	3070.40	2439.88	1942.57	1548.95	1207.14	944.99
150.0	5697.96	4710.25	3813.34	3076.45	2443.34	1927.00	1526.55	1188.37	928.04
180.0	5511.14	4543.32	3674.10	2955.36	2339.55	1846.56	1436.25	1104.13	843.28
210.0	5253.40	4308.93	3497.66	2791.90	2213.28	1713.80	1391.54	1091.42	856.68
240.0	5222.27	4285.58	3450.95	2771.14	2192.52	1728.94	1361.35	1067.29	822.52
270.0	5105.50	4154.11	3362.73	2673.41	2124.19	1666.40	1302.45	992.73	765.52
300.0	5186.81	4222.44	3395.60	2722.71	2154.47	1706.45	1344.92	1042.20	803.49
330.0	5158.26	4194.77	3393.87	2701.95	2136.30	1702.99	1338.87	1035.63	799.60
360.0	5326.05	4350.45	3527.93	2829.95	2235.77	1741.04	1356.16	1038.74	794.84
C/γ(°)	54.0	57.0	60.0	63.0	66.0	69.0	72.0	75.0	78.0
0.0	604.57	469.64	367.32	284.47	209.31	149.97	97.21	51.72	18.60
30.0	735.17	568.24	438.50	341.20	253.33	182.41	123.16	71.27	31.05
60.0	738.45	572.22	441.53	342.24	258.78	184.40	125.41	77.15	35.29
90.0	721.33	557.00	439.37	350.54	265.35	191.32	136.74	79.66	38.40
120.0	728.59	559.50	433.92	333.16	254.71	185.09	127.23	77.24	36.59
150.0	712.68	550.94	437.64	332.64	253.33	185.26	130.51	74.90	39.18
180.0	649.80	497.92	388.51	306.35	233.18	170.13	115.90	69.71	29.58
210.0	660.44	508.04	394.83	302.11	229.72	160.96	107.51	58.64	25.43
240.0	633.11	491.26	383.93	296.83	221.59	155.16	103.01	57.00	21.62
270.0	588.82	461.86	358.59	277.98	209.74	142.88	94.53	49.21	15.74
300.0	613.21	473.10	365.77	278.93	207.66	142.88	93.50	49.21	18.42
330.0	617.02	471.72	361.79	280.31	205.59	135.88	92.54	43.59	16.17
360.0	604.57	469.64	367.32	284.47	209.31	149.97	97.21	51.72	18.60
C/γ(°)	81.0	84.0	87.0	90.0					
0.0	1.99	1.56	1.04	0.26					
30.0	7.61	1.99	1.47	0.35					
60.0	8.56	2.08	1.56	0.52					
90.0	8.65	1.99	1.56	0.69					
120.0	10.12	2.34	1.73	0.69					
150.0	11.07	2.25	1.73	0.78					
180.0	5.88	1.90	1.56	0.61					
210.0	4.93	2.16	1.38	0.35					
240.0	4.41	1.90	1.30	0.26					
270.0	2.16	1.73	1.04	0.26					
300.0	2.42	1.90	1.12	0.26					
330.0	2.34	1.73	1.04	0.35					
360.0	1.99	1.56	1.04	0.26					

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