

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: FWK2111C1.8-1-24DC(60-XPG-1WN-AJ.P1)
报告编号: 电压(V): 24.1000
测试编号: 20221215002 电流(A): 0.2880
光源规格型号: XPG 功率(W): 6.9000
每个光源光通量(lm) 功率因数: 1.0240
光源数量: 1 镇流器型号:
发光面长度(mm): 35 发光面宽度 (mm): 35
测试模式: C 发光面高度(mm): 0

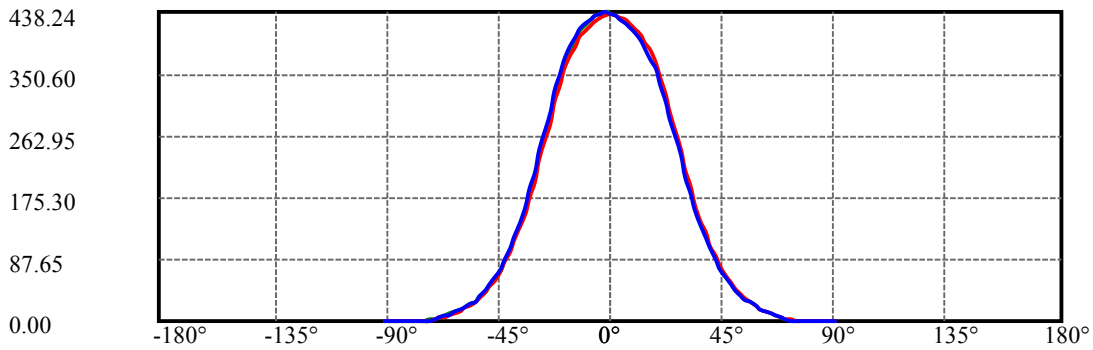
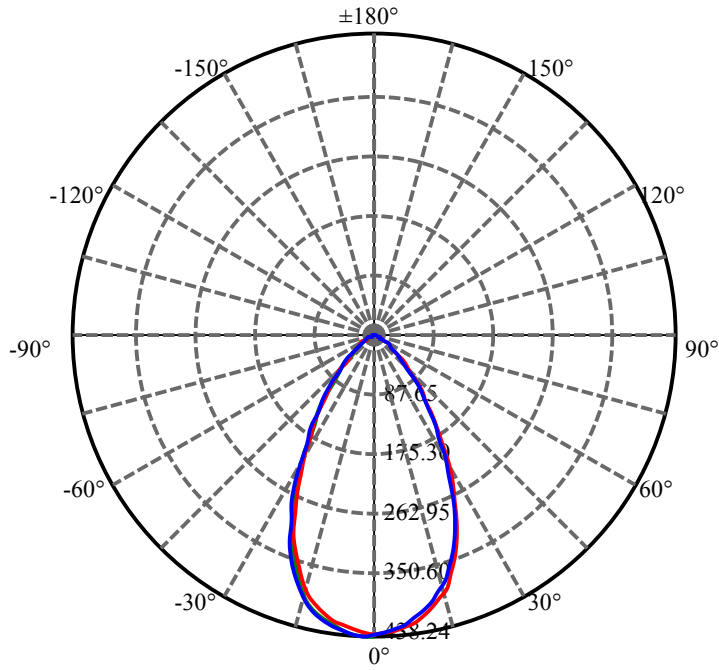
光度结果

灯具光通量(lm): 458.74
灯具效能(lm/w): 66.48
中心光强(cd): 434.439
最大光强(cd): 438.245
最大光强角度: C=210.0 $\gamma=2.0$
半峰边角(50%Imax): [C0/180]Total=58.6
 [C90/270]Total=58.6
光束扩散角(10%Imax): [C0/180]Total=100.0
 [C90/270]Total=100.1

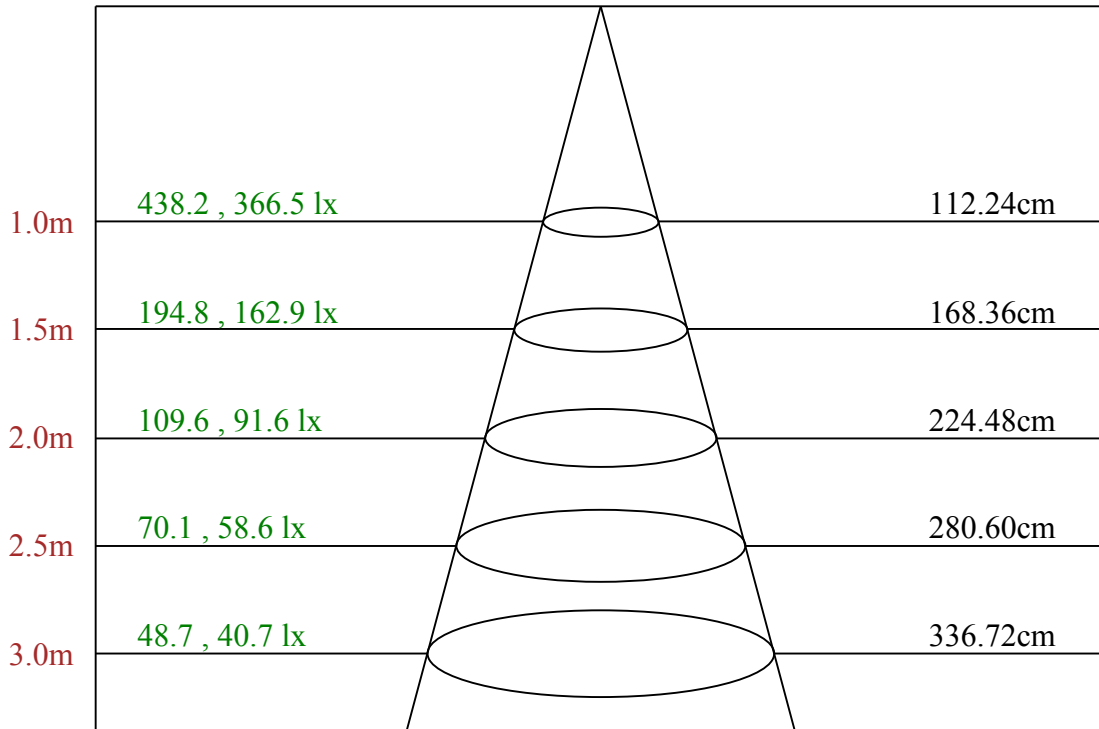
测试设备: GMS-1800
环境温度(°C): 25.0

测试日期: 2022/12/15
环境湿度(%): 60.0%

测试人员: 安培楼
测试距离(m): 9.30

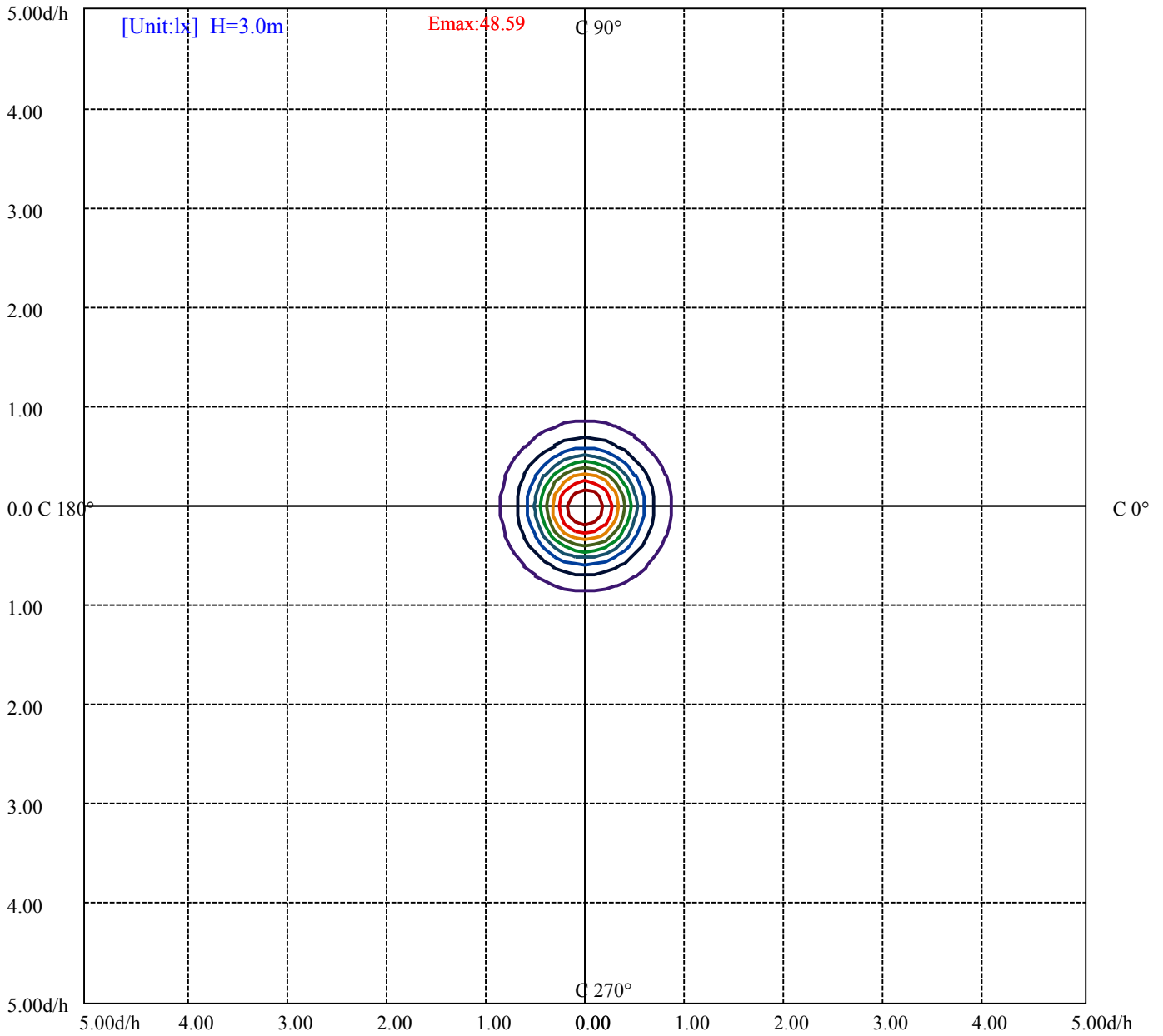


C210(Max): —
C0/C180: —
C90/C270: —



Max, Ave C210面光束角58.60

ROLED 投光灯
平面等照度曲线



- (10%Emax) 4.858811
- (20%Emax) 9.717623
- (30%Emax) 14.57644
- (40%Emax) 19.43522
- (50%Emax) 24.29411
- (60%Emax) 29.15289
- (70%Emax) 34.01167
- (80%Emax) 38.87056
- (90%Emax) 43.72933

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灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

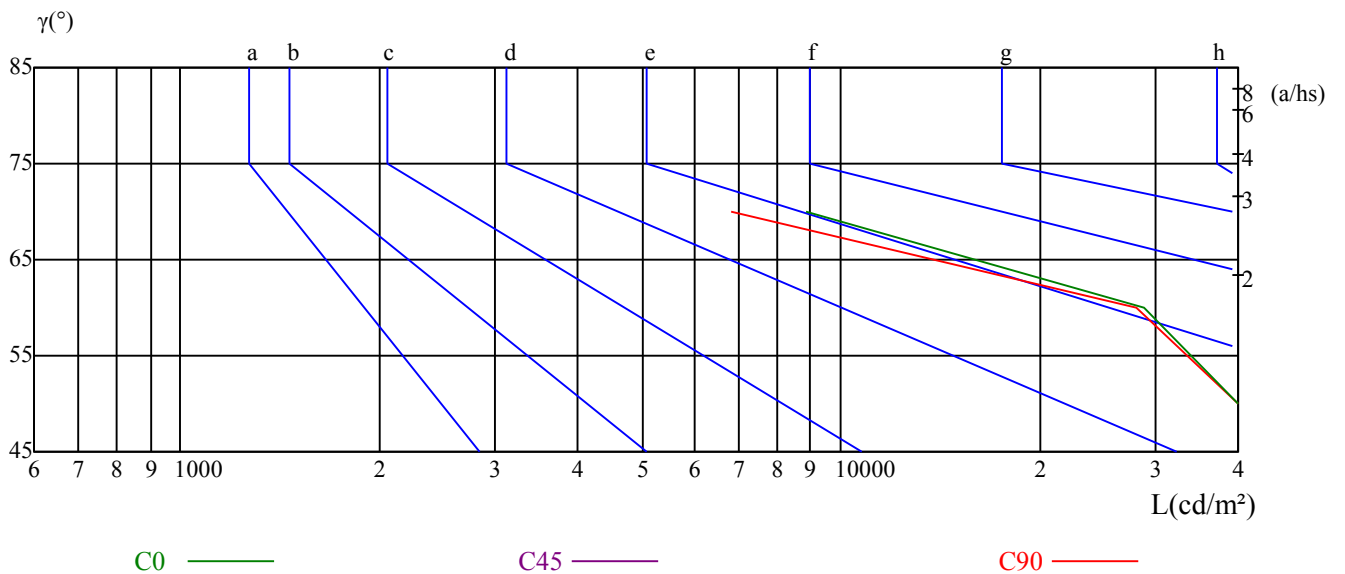
γ	45	50	55	60	65	70	75	80	85
C0	0	58545	0	28806	0	8877	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	56678	0	27959	0	6812	0	0	0

L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
74093	77935	0	13230	14458	0	3240	3645	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



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	434.44	433.14	430.63	427.35	421.64	414.55	406.24	395.43	382.72
30.0	437.73	436.43	433.66	429.77	424.23	416.28	406.50	395.86	380.90
60.0	436.86	434.53	430.37	424.84	418.70	411.35	401.31	389.38	373.20
90.0	436.00	433.83	428.30	422.68	415.58	407.45	397.42	386.18	371.47
120.0	435.22	432.54	428.21	422.33	414.55	405.98	395.69	382.37	366.72
150.0	434.87	433.23	429.16	424.32	417.05	409.18	399.32	387.39	372.08
180.0	434.44	433.40	429.51	425.10	418.87	411.95	402.61	390.50	374.85
210.0	437.73	438.24	436.00	431.59	426.05	418.87	410.05	399.84	384.71
240.0	436.86	438.24	437.12	434.70	429.60	422.42	412.64	401.05	384.97
270.0	436.00	437.81	436.26	432.10	427.78	422.68	414.89	402.26	387.99
300.0	435.22	436.26	434.53	431.15	427.52	421.90	413.42	404.25	389.98
330.0	434.87	434.35	432.28	429.08	425.10	419.82	410.14	397.08	384.97
360.0	434.44	433.14	430.63	427.35	421.64	414.55	406.24	395.43	382.72
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	364.64	345.35	322.35	296.31	269.33	243.38	215.19	189.33	165.97
30.0	364.90	342.07	319.23	294.76	268.64	239.75	211.81	186.82	162.69
60.0	353.57	332.12	311.02	285.94	259.21	233.18	205.93	179.64	156.98
90.0	355.39	334.20	311.62	285.59	260.33	233.09	203.94	180.59	157.76
120.0	347.86	327.19	305.74	280.23	254.37	228.94	202.04	176.61	152.91
150.0	355.30	334.20	312.83	287.15	261.29	230.67	204.29	180.25	157.15
180.0	356.60	333.59	309.37	281.44	256.10	227.30	199.53	173.59	152.65
210.0	363.00	342.76	317.76	289.48	262.50	233.52	204.64	180.16	157.15
240.0	367.06	347.60	324.16	296.14	268.12	242.00	212.51	186.65	164.42
270.0	369.31	350.37	326.07	297.53	270.80	241.22	212.59	186.47	162.43
300.0	371.22	350.37	327.02	302.02	273.83	247.45	218.65	192.70	169.09
330.0	367.24	348.38	324.08	296.66	271.32	242.69	214.50	188.29	164.94
360.0	364.64	345.35	322.35	296.31	269.33	243.38	215.19	189.33	165.97
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	142.71	124.63	106.73	91.59	78.10	65.99	55.27	46.10	39.09
30.0	141.24	121.69	105.60	90.30	76.72	65.56	55.01	46.53	38.23
60.0	137.43	118.84	103.01	88.57	75.33	63.66	53.97	45.06	37.62
90.0	136.83	117.54	102.14	87.01	74.21	62.79	52.93	44.63	36.67
120.0	133.37	115.12	99.81	85.45	72.39	61.41	51.38	43.16	35.63
150.0	135.62	116.68	100.16	85.37	72.22	61.23	51.38	43.07	35.20
180.0	132.24	113.22	97.82	83.29	70.66	58.38	48.69	40.22	32.69
210.0	135.53	116.93	100.41	84.93	72.05	60.28	50.34	41.77	34.51
240.0	141.50	123.33	105.09	89.60	76.20	64.26	52.59	43.76	36.33
270.0	139.42	120.39	102.92	87.18	73.86	61.32	51.20	42.55	35.11
300.0	145.22	126.53	108.63	92.37	78.53	66.25	54.58	45.41	37.62
330.0	142.62	122.56	105.69	90.12	76.54	64.26	54.40	45.15	37.62
360.0	142.71	124.63	106.73	91.59	78.10	65.99	55.27	46.10	39.09
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	31.66	26.73	21.97	17.64	13.92	11.16	8.39	6.05	3.72
30.0	32.17	26.64	22.31	18.60	15.48	12.54	9.86	7.27	5.10
60.0	31.57	26.29	21.97	18.42	15.48	12.54	9.86	7.52	5.19
90.0	30.88	25.86	21.45	17.13	13.67	10.64	7.87	5.28	2.85
120.0	29.93	24.82	20.76	17.47	14.01	11.24	8.48	6.14	3.81
150.0	29.41	24.30	20.41	16.95	14.10	11.50	8.91	6.66	4.32
180.0	27.07	22.40	18.42	14.27	11.42	8.74	6.49	4.15	2.08
210.0	28.46	23.35	19.46	16.17	13.41	10.55	8.30	6.05	3.98
240.0	29.49	24.39	19.89	16.61	13.84	11.42	8.99	6.75	4.50
270.0	28.54	23.27	19.46	15.57	12.37	9.43	6.92	4.41	2.16
300.0	30.96	25.34	21.02	17.47	14.53	11.59	9.25	6.75	4.32
330.0	30.88	25.77	21.28	17.64	14.88	11.94	9.60	7.18	5.02
360.0	31.66	26.73	21.97	17.64	13.92	11.16	8.39	6.05	3.72

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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	1.73	0.52	0.17	0.00	0.00	0.00	0.00	0.00	0.00
30.0	3.03	1.21	0.35	0.09	0.00	0.00	0.00	0.00	0.00
60.0	3.11	1.21	0.43	0.00	0.00	0.00	0.00	0.00	0.00
90.0	1.21	0.35	0.09	0.09	0.00	0.00	0.00	0.00	0.00
120.0	1.99	0.61	0.09	0.09	0.00	0.00	0.00	0.00	0.00
150.0	2.42	0.86	0.26	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.69	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
210.0	2.16	0.69	0.26	0.09	0.00	0.00	0.00	0.00	0.00
240.0	2.51	1.04	0.26	0.00	0.00	0.09	0.00	0.00	0.00
270.0	0.78	0.26	0.17	0.00	0.00	0.00	0.00	0.00	0.00
300.0	2.25	0.78	0.26	0.00	0.00	0.00	0.00	0.00	0.00
330.0	2.94	1.12	0.35	0.09	0.00	0.00	0.00	0.00	0.00
360.0	1.73	0.52	0.17	0.00	0.00	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								