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## ROLED

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灯具名称: 投光灯  
灯具描述: FWK2111C1.8-1-24DC(20-XPG-1WN-AJ.P1)  
报告编号: 电压(V): 24.1000  
测试编号: 20221214005 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

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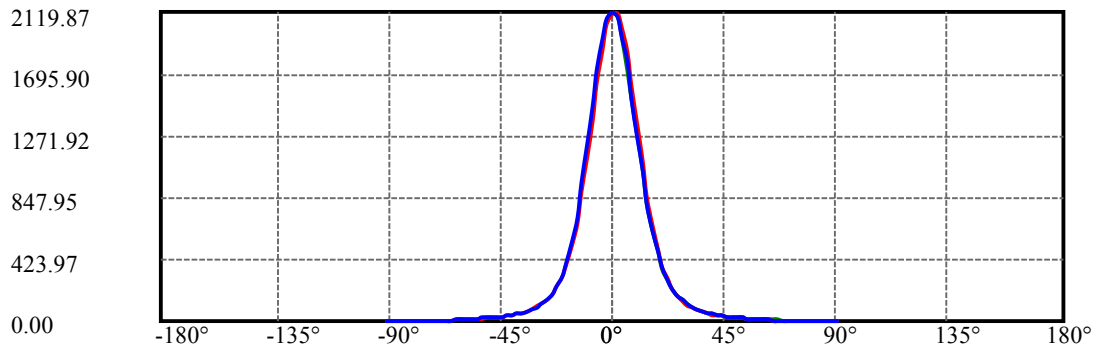
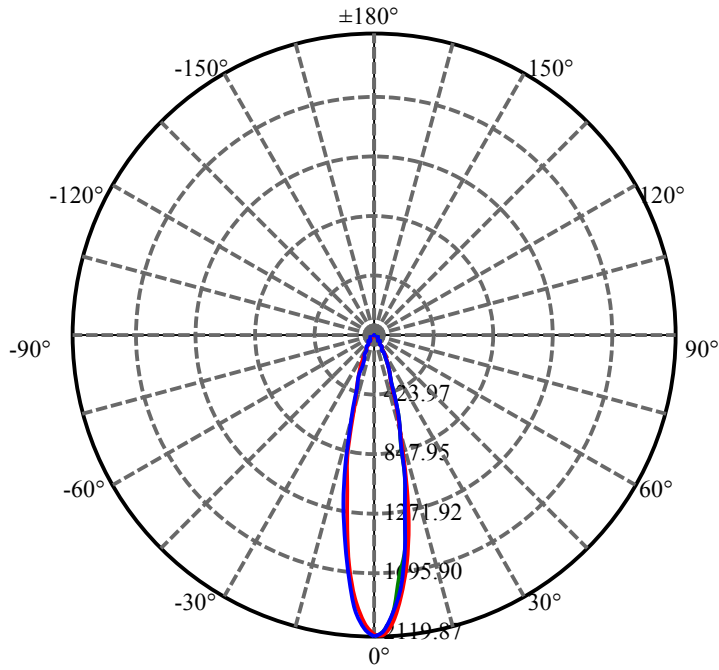
灯具光通量(lm): 523.48  
灯具效能(lm/w): 75.87  
中心光强(cd): 2111.221  
最大光强(cd): 2119.870  
最大光强角度: C=60.0  $\gamma$ =0.0  
半峰边角(50%Imax): [C0/180]Total=22.8  
                                  [C90/270]Total=22.8  
光束扩散角(10%Imax): [C0/180]Total=47.2  
                                  [C90/270]Total=47.3

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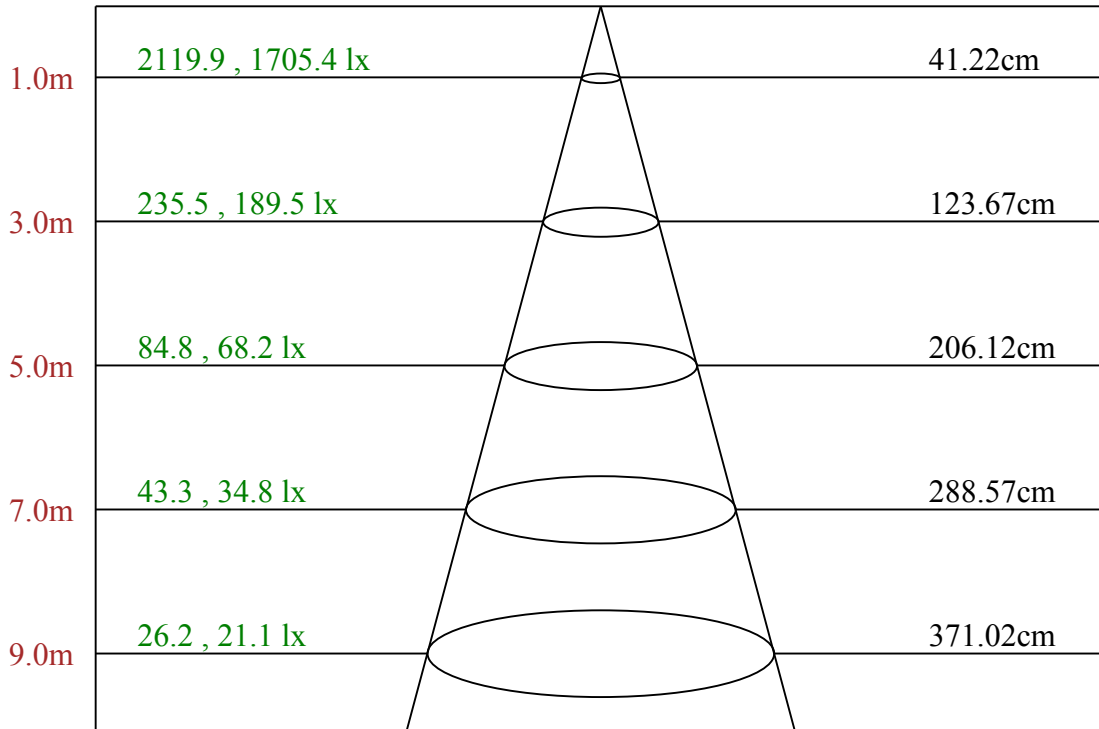
测试设备: GMS-1800  
环境温度(°C): 25.0

测试日期: 2022/12/14  
环境湿度(%): 60.0%

测试人员: 安培楼  
测试距离(m): 9.30

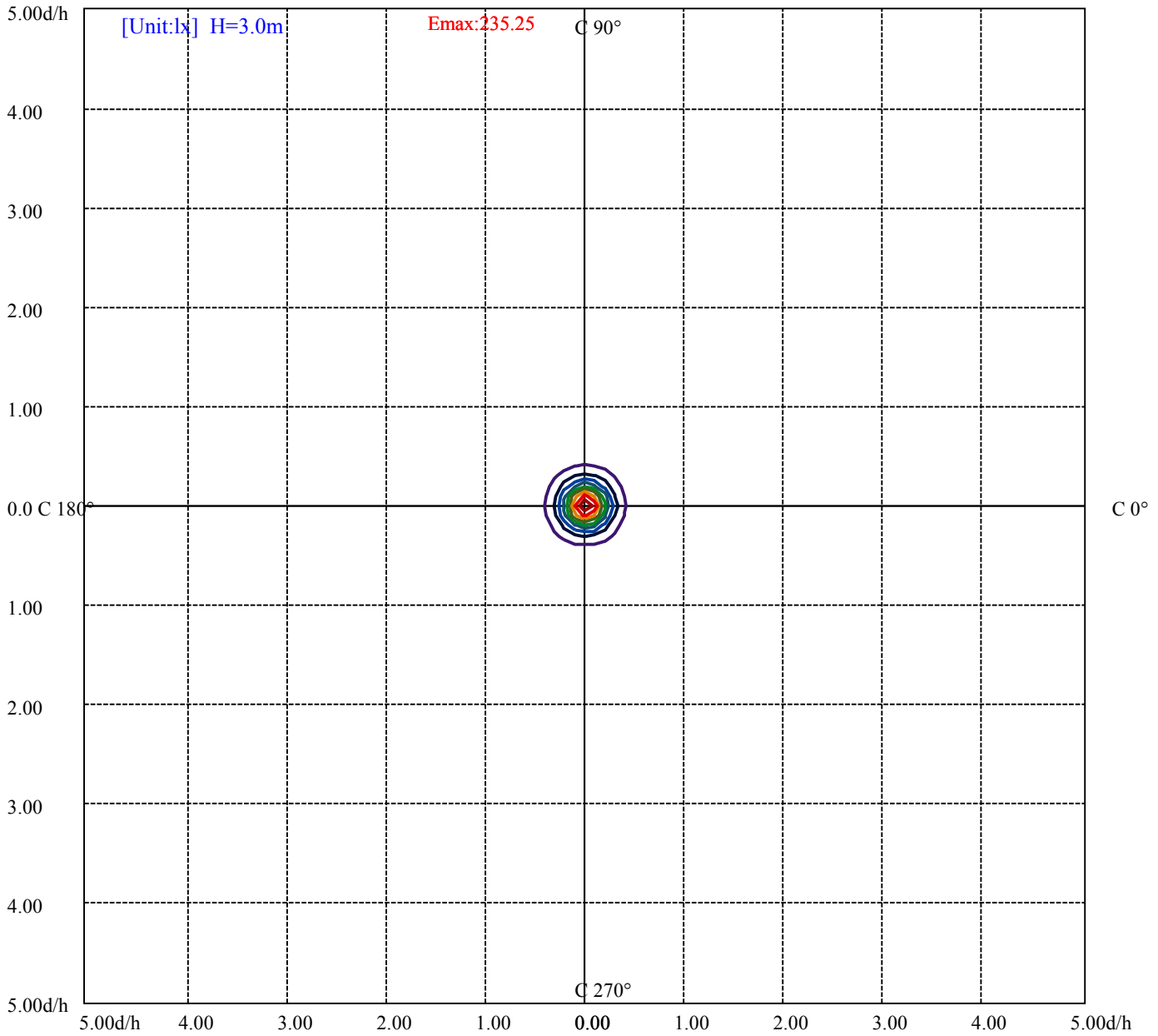


C60(Max): ——  
C0/C180: ——  
C90/C270: ——



Max , Ave    C60面光束角23.29

ROLED 投光灯  
平面等照度曲线



- (10%Emax) 23.52522
- (20%Emax) 47.05055
- (30%Emax) 70.57578
- (40%Emax) 94.101
- (50%Emax) 117.6267
- (60%Emax) 141.1511
- (70%Emax) 164.6767
- (80%Emax) 188.2022
- (90%Emax) 211.7278

测试设备: GMS-1800  
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# ROLED 投光灯

## 灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

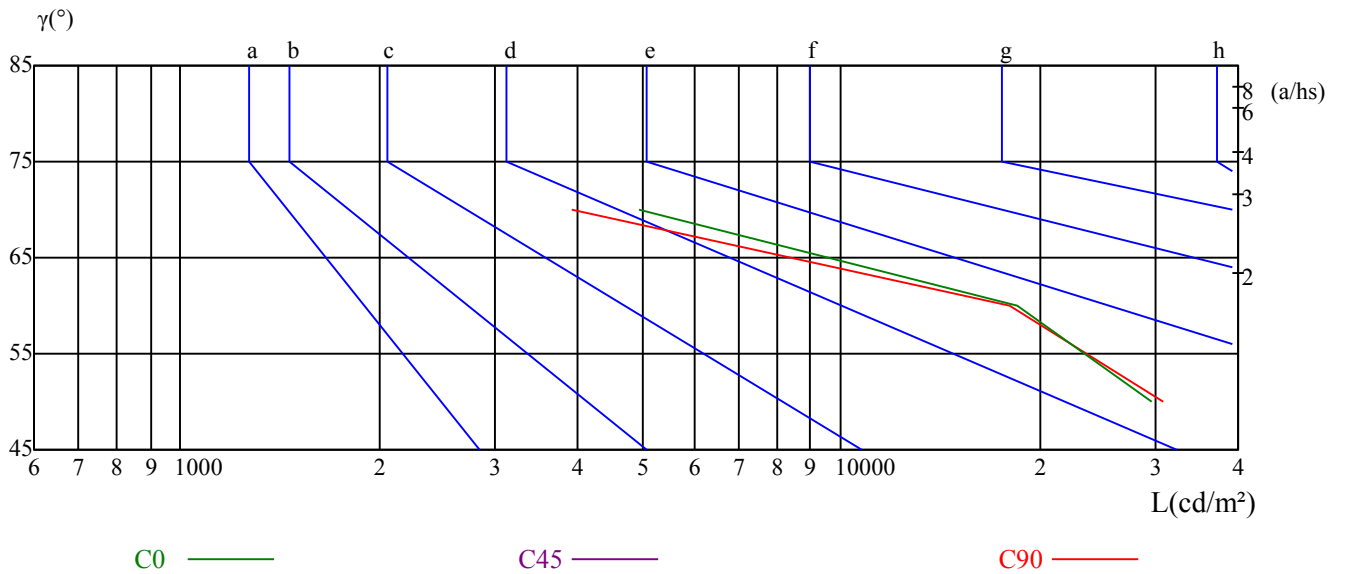
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	29547	0	18498	0	4954	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	30755	0	18075	0	3922	0	0	0

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)

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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	2111.22	2109.49	2019.54	1843.97	1624.28	1361.35	1089.77	851.06	653.00
30.0	2114.68	2094.79	1994.46	1807.64	1578.44	1312.92	1069.02	827.71	629.65
60.0	2119.87	2080.08	1951.21	1717.09	1529.84	1282.65	1026.55	807.56	619.79
90.0	2116.41	2077.49	1953.81	1776.50	1529.14	1267.08	1027.50	798.30	618.40
120.0	2114.68	2049.81	1900.19	1707.14	1448.36	1198.06	951.91	736.81	570.49
150.0	2114.68	2052.41	1902.78	1692.61	1434.00	1178.86	934.09	715.27	550.08
180.0	2111.22	2022.14	1852.62	1628.52	1377.18	1114.42	883.58	674.28	511.33
210.0	2114.68	2048.08	1895.00	1683.18	1438.33	1163.46	903.56	688.20	521.71
240.0	2119.87	2067.98	1932.19	1734.99	1478.98	1220.37	944.47	732.57	550.08
270.0	2116.41	2065.38	1933.92	1720.03	1490.22	1212.85	942.31	717.35	539.87
300.0	2114.68	2090.46	1983.22	1790.34	1546.44	1288.70	1014.53	779.27	580.35
330.0	2114.68	2092.19	1976.30	1726.25	1561.40	1301.16	1014.35	790.61	589.26
360.0	2111.22	2109.49	2019.54	1843.97	1624.28	1361.35	1089.77	851.06	653.00
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	485.21	371.91	283.51	217.26	171.08	138.04	111.05	91.16	76.20
30.0	483.48	367.50	282.22	219.94	175.75	140.89	115.38	94.62	78.27
60.0	471.11	359.71	278.41	220.64	175.23	142.88	116.33	95.40	79.48
90.0	472.24	362.39	280.92	223.58	177.22	142.62	116.93	96.09	80.35
120.0	435.04	333.94	261.03	208.27	166.41	134.84	111.14	91.42	76.37
150.0	441.10	326.85	254.97	202.30	162.17	133.11	109.24	90.30	75.85
180.0	387.65	300.73	234.56	185.18	150.58	122.56	101.45	83.12	70.06
210.0	390.16	302.72	234.65	184.40	150.49	122.56	100.59	83.72	70.49
240.0	440.23	313.70	241.31	190.45	152.22	123.68	100.93	84.76	71.09
270.0	398.37	300.29	233.44	181.80	146.08	118.15	97.65	81.04	67.89
300.0	441.96	328.32	253.16	195.21	154.73	124.81	102.49	84.76	70.75
330.0	442.14	333.33	253.50	199.01	158.19	126.62	102.92	85.88	71.35
360.0	485.21	371.91	283.51	217.26	171.08	138.04	111.05	91.16	76.20
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	63.40	53.88	45.93	39.61	34.34	29.84	26.47	23.27	20.58
30.0	66.25	55.35	47.66	41.08	35.72	31.14	27.33	24.04	21.10
60.0	67.29	57.00	48.52	41.95	36.41	31.74	27.85	24.65	21.62
90.0	67.20	56.74	48.26	41.60	36.15	31.40	27.68	24.22	21.19
120.0	64.35	54.92	46.79	40.39	34.86	30.36	26.55	23.35	20.50
150.0	64.00	54.06	46.10	39.87	34.60	30.36	26.55	23.35	20.67
180.0	58.90	50.08	42.90	36.93	32.17	27.94	24.74	21.80	19.37
210.0	59.33	50.68	43.59	37.62	32.87	28.80	25.60	22.75	20.24
240.0	60.54	51.81	44.80	38.57	34.08	30.19	26.73	24.04	21.54
270.0	57.95	49.56	42.90	37.28	32.78	28.89	25.86	23.18	20.58
300.0	60.20	51.46	44.20	38.32	33.73	29.75	26.47	23.70	21.02
330.0	60.63	51.72	44.11	38.23	33.64	29.58	26.21	23.35	20.67
360.0	63.40	53.88	45.93	39.61	34.34	29.84	26.47	23.27	20.58
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	18.08	15.83	13.92	11.33	8.74	6.57	4.93	3.37	2.08
30.0	18.51	16.09	14.18	12.20	10.55	8.30	5.97	4.32	2.85
60.0	19.11	16.61	14.44	12.45	10.72	8.91	6.66	4.76	3.11
90.0	18.51	16.26	14.01	11.07	8.74	6.40	4.76	3.03	1.64
120.0	17.90	15.65	13.67	11.85	9.86	7.61	5.54	3.81	2.42
150.0	18.08	15.91	13.92	12.11	10.47	8.56	6.49	4.50	3.03
180.0	17.04	15.05	12.97	10.38	7.96	5.97	4.41	2.77	1.47
210.0	17.99	15.91	14.01	12.28	10.55	8.56	6.31	4.50	2.94
240.0	19.11	17.04	15.14	13.23	11.50	9.69	7.35	5.28	3.46
270.0	18.51	16.35	14.01	11.33	8.91	6.57	4.76	3.11	1.73
300.0	18.68	16.52	14.70	12.80	11.07	8.74	6.31	4.58	3.03
330.0	18.34	16.26	14.27	12.37	10.81	8.82	6.49	4.58	2.94
360.0	18.08	15.83	13.92	11.33	8.74	6.57	4.93	3.37	2.08

# ROLED 投光灯

## 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	0.78	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30.0	1.64	0.61	0.09	0.09	0.00	0.00	0.00	0.00	0.00
60.0	1.82	0.61	0.09	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.52	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.0	1.21	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	1.64	0.52	0.09	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.52	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
210.0	1.73	0.52	0.09	0.00	0.00	0.00	0.00	0.00	0.00
240.0	2.08	0.95	0.17	0.00	0.00	0.00	0.00	0.00	0.00
270.0	0.61	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300.0	1.47	0.52	0.09	0.00	0.00	0.00	0.00	0.00	0.00
330.0	1.64	0.61	0.09	0.00	0.00	0.00	0.00	0.00	0.00
360.0	0.78	0.26	0.00	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