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## ROLED

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灯具名称: 投光灯  
灯具描述: FWK2111C1.8-1-24DC(30-XPG-1WN-AJ.P1)  
报告编号: 电压(V): 24.1000  
测试编号: 20221214006 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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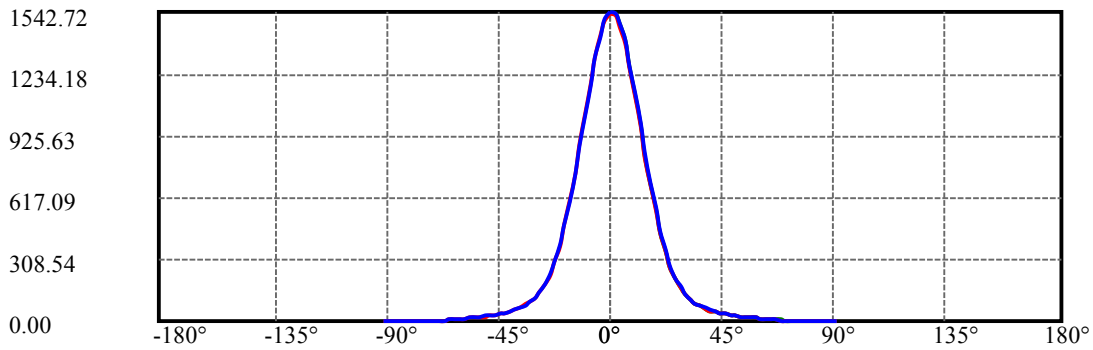
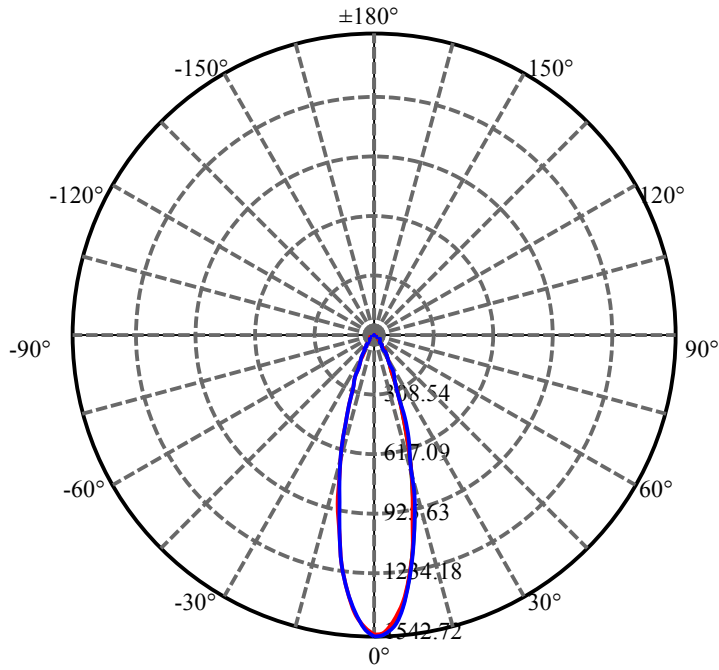
灯具光通量(lm): 529.09  
灯具效能(lm/w): 76.68  
中心光强(cd): 1530.873  
最大光强(cd): 1542.722  
最大光强角度: C=30.0  $\gamma=0.0$   
半峰边角(50%Imax): [C0/180]Total=28.5  
                                  [C90/270]Total=28.5  
光束扩散角(10%Imax): [C0/180]Total=56.5  
                                  [C90/270]Total=56.6

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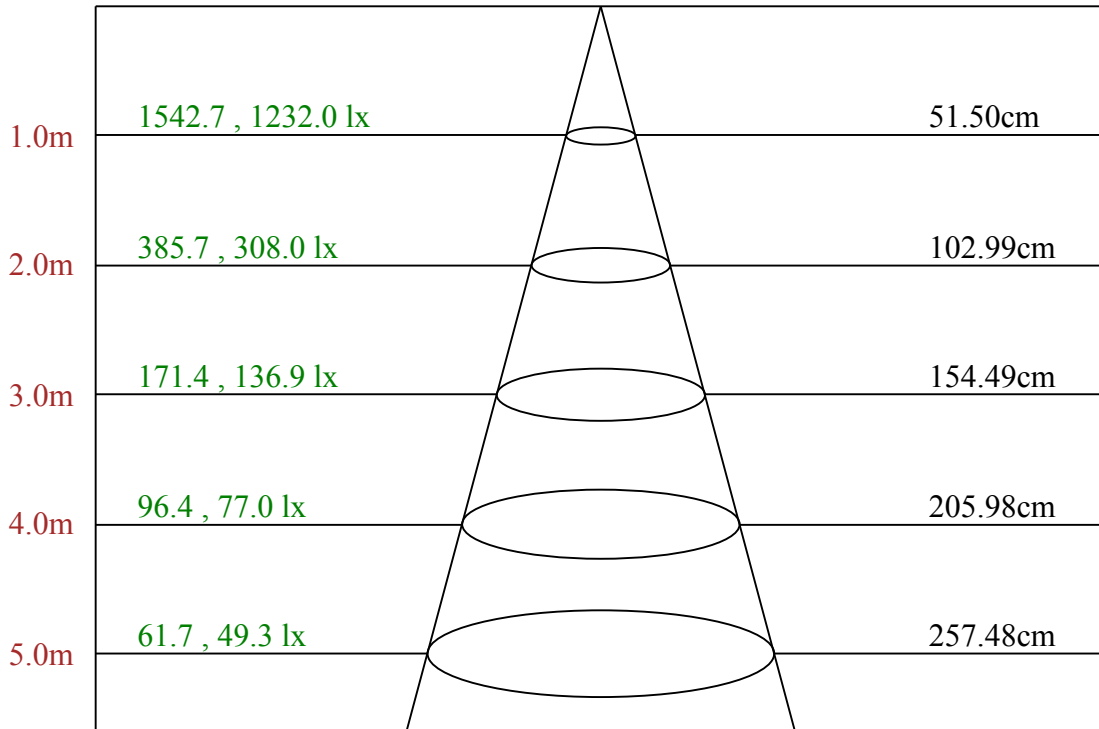
测试设备: GMS-1800  
环境温度(°C): 25.0

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

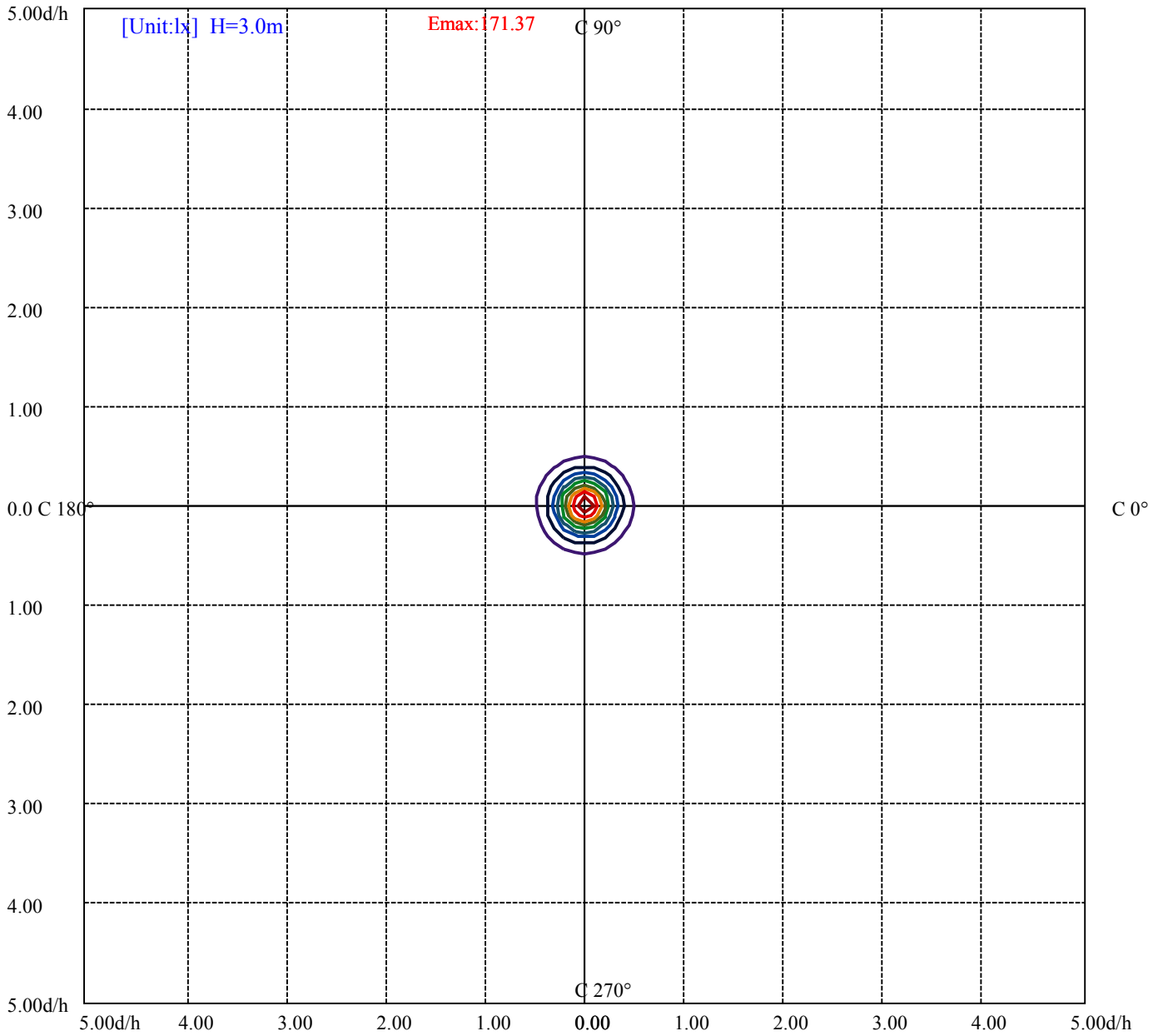


C30(Max): ——  
C0/C180: ——  
C90/C270: ——



Max , Ave    C30面光束角28.88

ROLED 投光灯  
平面等照度曲线



- (10%E<sub>max</sub>) 17.13656
- (20%E<sub>max</sub>) 34.27311
- (30%E<sub>max</sub>) 51.40967
- (40%E<sub>max</sub>) 68.54623
- (50%E<sub>max</sub>) 85.68266
- (60%E<sub>max</sub>) 102.8192
- (70%E<sub>max</sub>) 119.9556
- (80%E<sub>max</sub>) 137.0922
- (90%E<sub>max</sub>) 154.2289

测试设备: GMS-1800  
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环境湿度(%): 60.0%

测试人员: 安培楼  
测试距离(m): 9.30

# ROLED 投光灯

## 灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

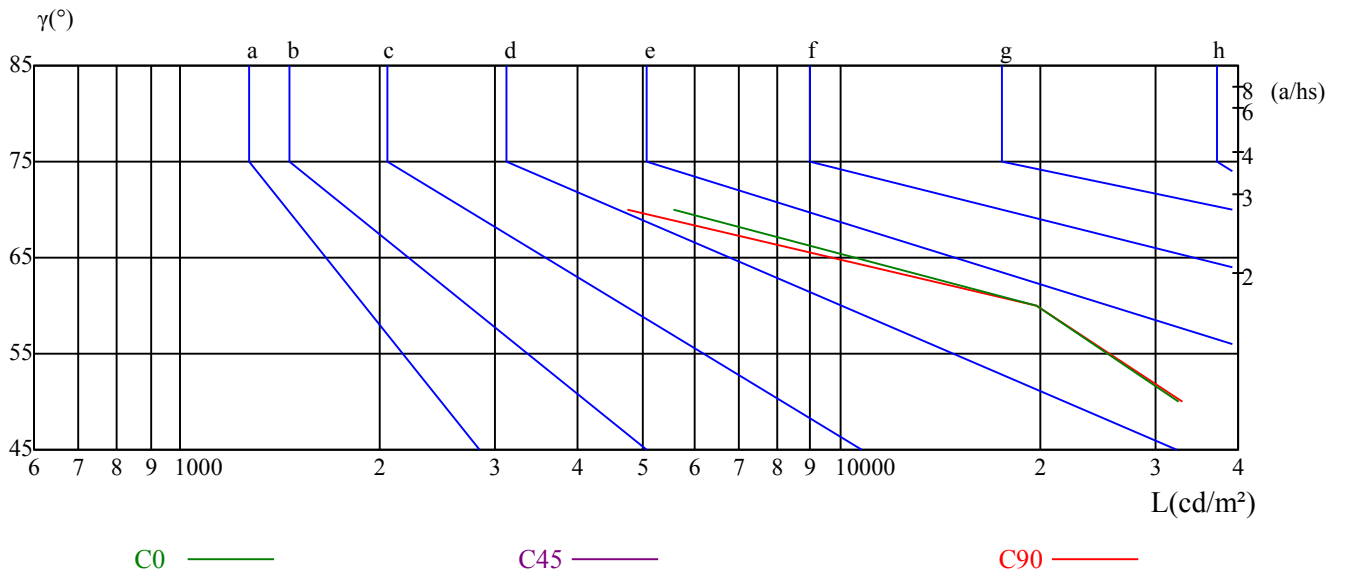
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	32403	0	19769	0	5574	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	32952	0	19769	0	4748	0	0	0

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	$\leq 300$				
1.5	B		2000	1000	500	$\leq 300$			
1.85	C			2000	1000	500	$\leq 300$		
2.2	D				2000	1000	500	$\leq 300$	
2.55	E					2000	1000	500	$\leq 300$
		a	b	c	d	e	f	g	h

亮度限制曲线



ROLED 投光灯

光强数据表(cd)

附页 第6页 共7页

C/γ(°)	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0
0.0	1530.87	1521.53	1470.42	1377.44	1263.19	1121.95	966.61	816.55	680.50
30.0	1542.72	1533.38	1480.62	1395.34	1273.05	1128.18	975.09	826.84	681.20
60.0	1541.86	1531.39	1477.51	1386.35	1268.12	1122.81	976.90	822.09	677.65
90.0	1538.14	1533.73	1484.51	1400.01	1278.84	1142.88	990.48	842.50	694.69
120.0	1536.84	1521.36	1464.19	1369.92	1250.04	1106.99	961.68	806.00	663.81
150.0	1534.25	1516.34	1457.70	1364.47	1235.25	1096.52	945.94	800.81	655.85
180.0	1530.87	1498.35	1424.23	1315.34	1184.48	1035.89	883.32	741.13	603.61
210.0	1542.72	1510.72	1435.65	1328.66	1193.91	1044.11	886.78	747.97	607.68
240.0	1541.86	1511.85	1439.19	1327.19	1200.65	1052.15	893.70	748.92	616.67
270.0	1538.14	1501.55	1422.85	1313.78	1180.16	1028.19	872.94	735.17	598.34
300.0	1536.84	1511.41	1443.69	1339.38	1216.74	1070.23	912.04	765.26	634.32
330.0	1534.25	1509.94	1444.47	1345.61	1219.42	1071.18	916.53	774.60	634.92
360.0	1530.87	1521.53	1470.42	1377.44	1263.19	1121.95	966.61	816.55	680.50
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	549.21	442.05	346.65	266.99	209.31	166.93	131.72	106.30	87.70
30.0	551.81	440.41	342.67	267.77	208.70	165.63	131.72	105.52	87.10
60.0	548.17	438.07	342.50	265.78	210.08	165.20	131.72	105.86	87.79
90.0	562.27	448.62	350.54	274.09	213.11	169.43	134.84	108.54	89.52
120.0	533.30	425.70	332.55	258.86	205.24	162.51	131.29	105.09	87.44
150.0	525.43	419.65	327.54	256.79	201.69	161.39	129.91	106.47	87.44
180.0	481.14	377.10	298.39	233.26	186.13	148.16	119.36	97.73	81.65
210.0	483.74	387.48	303.58	239.84	189.93	151.27	121.35	99.20	82.60
240.0	491.09	392.58	307.39	238.97	191.40	153.35	122.82	100.41	83.03
270.0	483.31	380.73	297.44	235.17	185.43	147.55	118.32	97.91	80.52
300.0	508.65	402.09	318.98	247.36	195.12	154.73	124.63	101.45	84.50
330.0	508.47	407.80	318.28	250.13	195.73	154.56	123.25	101.02	82.60
360.0	549.21	442.05	346.65	266.99	209.31	166.93	131.72	106.30	87.70
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	72.05	60.98	51.81	44.37	38.32	33.56	29.15	25.51	22.57
30.0	72.22	61.32	52.07	44.54	38.32	33.56	29.32	25.77	22.75
60.0	72.91	61.49	52.67	45.32	39.27	33.99	29.93	25.95	22.83
90.0	74.47	62.53	52.93	45.84	39.35	34.34	29.84	25.95	22.49
120.0	73.17	61.49	52.76	45.41	39.27	33.73	29.41	25.51	22.23
150.0	73.08	61.41	52.76	44.89	38.66	33.47	28.89	24.82	21.36
180.0	68.59	57.60	49.56	42.47	36.33	31.14	26.98	23.18	19.81
210.0	69.02	58.73	50.08	42.73	36.76	31.83	27.42	23.70	20.58
240.0	70.06	59.76	51.63	43.76	38.23	33.04	28.63	24.91	21.54
270.0	67.38	57.86	49.39	42.38	36.67	32.17	27.85	24.48	21.10
300.0	70.40	59.76	51.12	44.20	38.32	33.64	29.49	25.60	22.66
330.0	68.85	58.55	49.82	42.99	37.28	32.52	28.37	25.08	22.05
360.0	72.05	60.98	51.81	44.37	38.32	33.56	29.15	25.51	22.57
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	19.55	17.21	14.79	12.11	9.51	7.44	5.71	3.98	2.34
30.0	19.89	17.38	15.22	13.23	11.24	8.99	6.83	5.02	3.55
60.0	19.98	17.38	15.14	13.15	11.16	9.25	7.18	5.28	3.55
90.0	19.81	17.13	14.70	12.11	9.17	7.01	5.28	3.55	1.99
120.0	19.20	16.61	14.27	12.20	10.21	7.87	5.88	4.07	2.59
150.0	18.60	16.00	13.58	11.68	9.86	8.04	5.88	4.24	2.68
180.0	17.13	14.70	12.28	9.25	7.09	5.45	3.72	2.34	0.95
210.0	17.73	15.31	12.89	11.07	9.25	7.18	5.19	3.81	2.25
240.0	18.60	16.00	13.75	11.50	9.77	7.87	5.62	4.15	2.59
270.0	18.25	16.00	12.97	10.03	7.87	6.05	4.15	2.51	1.21
300.0	19.55	17.13	14.79	12.63	10.38	8.13	6.14	4.32	2.85
330.0	19.29	17.04	14.62	12.80	10.81	8.82	6.66	4.76	3.29
360.0	19.55	17.21	14.79	12.11	9.51	7.44	5.71	3.98	2.34

# 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	1.04	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30.0	1.99	0.69	0.09	0.00	0.00	0.00	0.00	0.00	0.00
60.0	2.08	0.78	0.17	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.86	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.0	1.38	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	1.47	0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.26	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
210.0	0.95	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
240.0	1.21	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270.0	0.26	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300.0	1.21	0.35	0.09	0.00	0.00	0.00	0.00	0.00	0.00
330.0	1.82	0.61	0.09	0.00	0.00	0.00	0.00	0.00	0.00
360.0	1.04	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								