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## ROLED

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灯具名称: 投光灯  
灯具描述: FWK2211C1.8-3-24DC(30-XPG-3WN-AJ.P1)  
报告编号: 电压(V): 23.8000  
测试编号: 20221215006 电流(A): 0.8010  
光源规格型号: XPG 功率(W): 19.1000  
每个光源光通量(lm) 功率因数: 1.0230  
光源数量: 3 镇流器型号:  
发光面长度(mm): 55 发光面宽度 (mm): 55  
测试模式: C 发光面高度(mm): 0

## 光度结果

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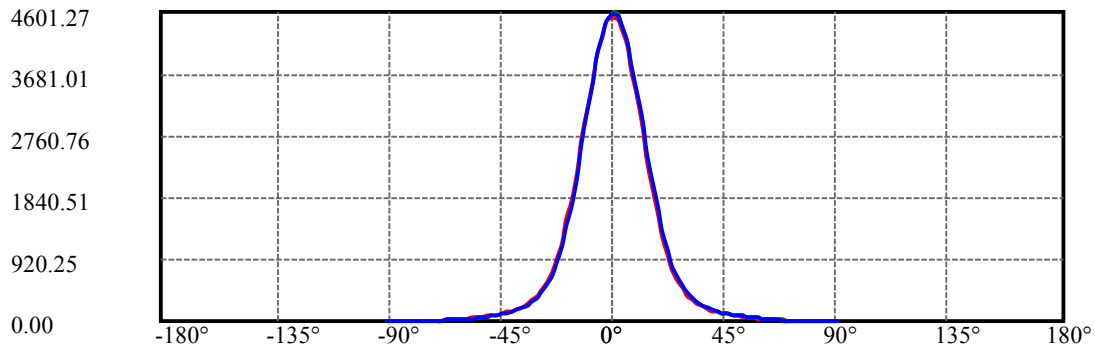
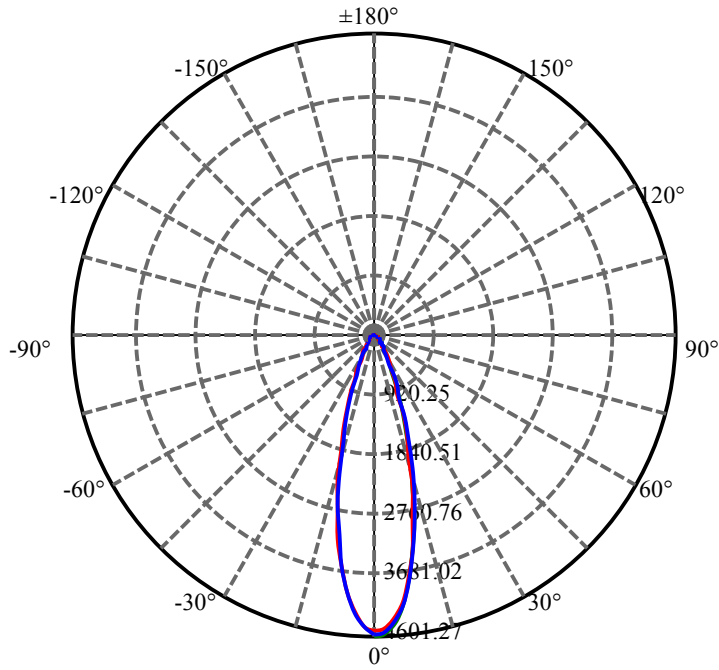
灯具光通量(lm): 1582.62  
灯具效能(lm/w): 82.86  
中心光强(cd): 4527.751  
最大光强(cd): 4601.269  
最大光强角度: C=30.0  $\gamma$ =0.0  
半峰边角(50%Imax): [C0/180]Total=28.6  
[C90/270]Total=28.6  
光束扩散角(10%Imax): [C0/180]Total=56.8  
[C90/270]Total=56.9

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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%

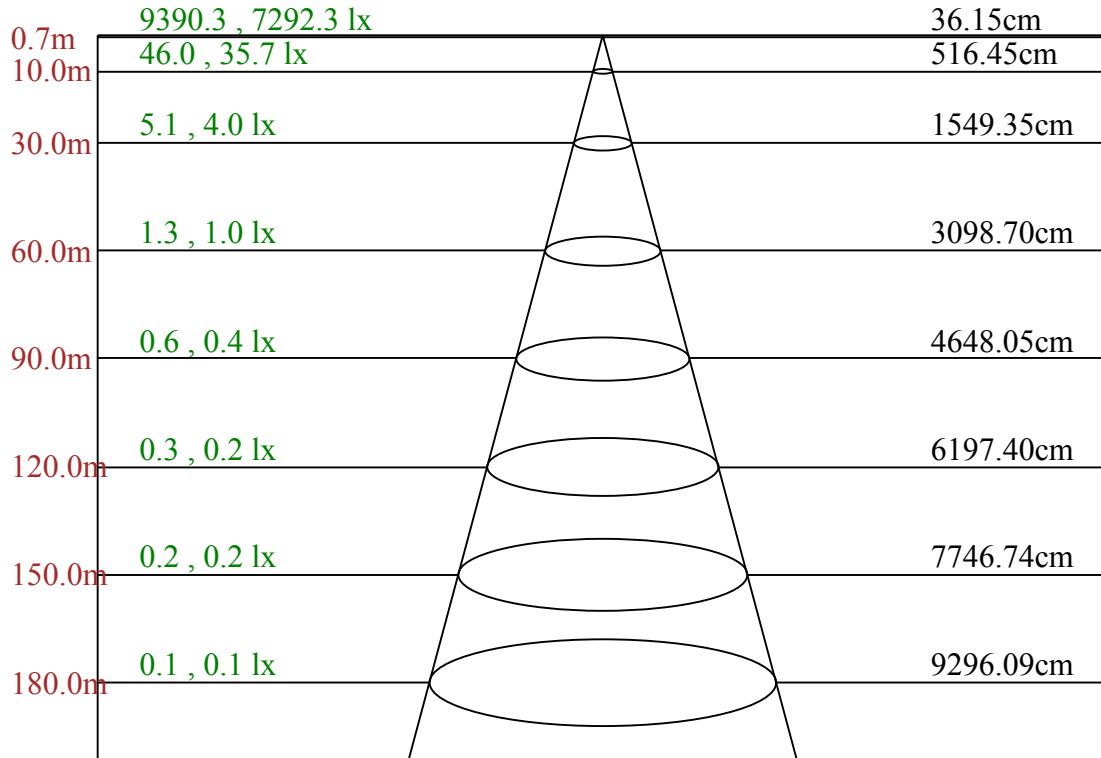
测试人员: 安培楼  
测试距离(m): 9.30



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

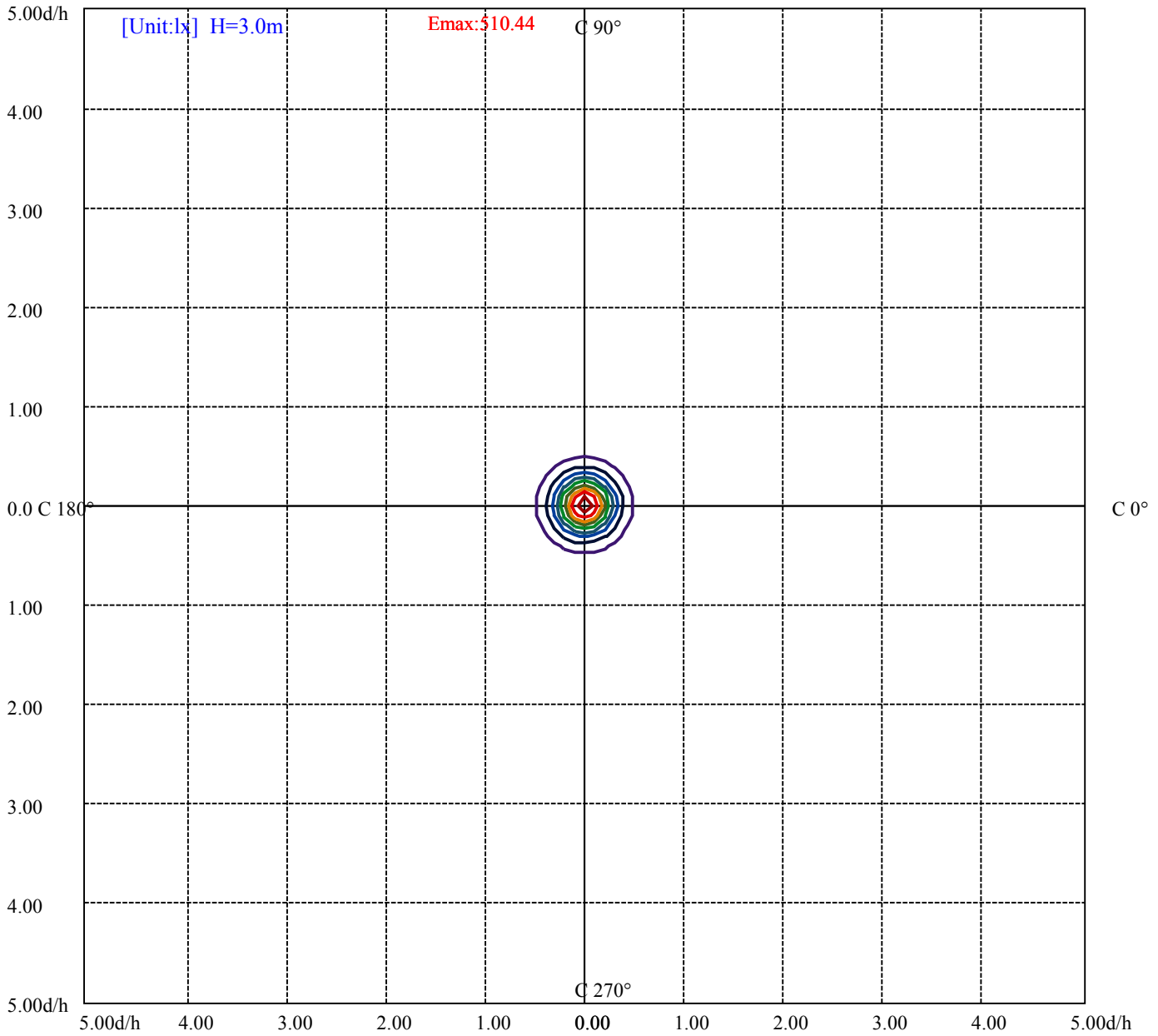
# ROLED 投光灯

## 照度距离图表



Max , Ave    C30面光束角28.96

ROLED 投光灯  
平面等照度曲线



- (10%Emax) 51.04344
- (20%Emax) 102.0869
- (30%Emax) 153.13
- (40%Emax) 204.1733
- (50%Emax) 255.2178
- (60%Emax) 306.2611
- (70%Emax) 357.3044
- (80%Emax) 408.3478
- (90%Emax) 459.3911

测试设备: GMS-1800  
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测试人员: 安培楼  
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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

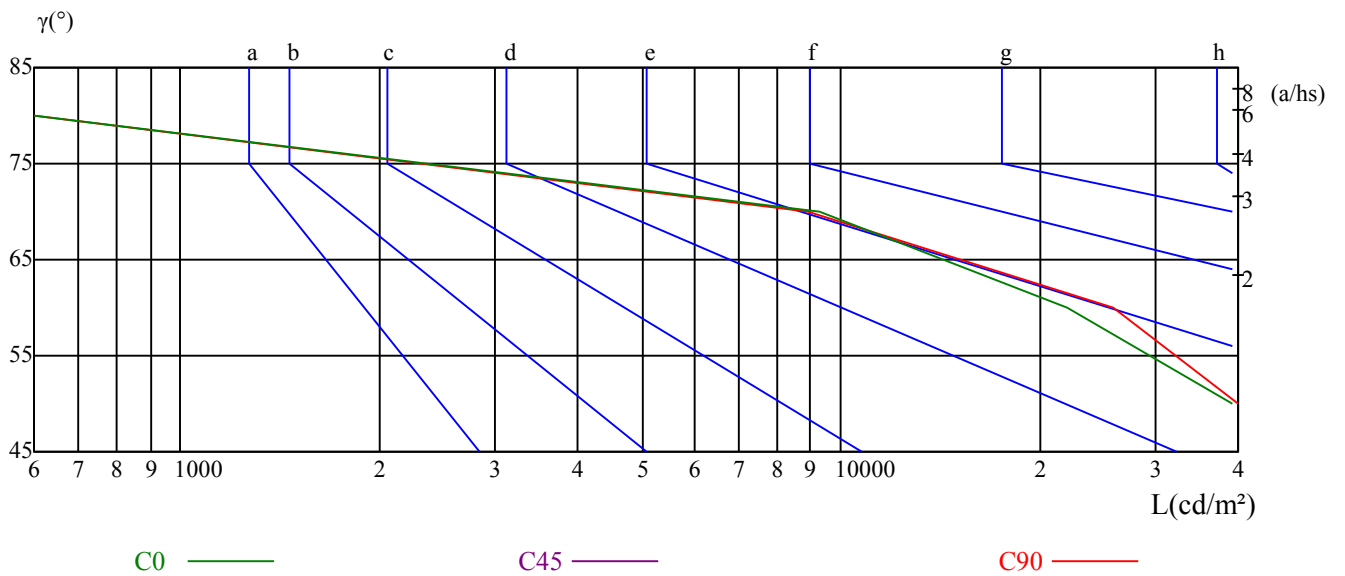
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	39277	0	22016	0	9279	0	165	0
C45	0	0	0	0	0	0	0	0	0
C90	0	44436	0	25961	0	8945	0	165	164

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	0	0	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	$\leq 300$				
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)

C/γ(°)	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0
0.0	4527.75	4494.89	4346.12	4086.65	3726.85	3330.73	2861.95	2400.10	1965.05
30.0	4601.27	4563.21	4411.85	4143.74	3787.40	3347.16	2917.31	2449.40	2023.87
60.0	4586.56	4544.18	4369.47	4112.60	3750.21	3344.57	2880.98	2419.99	2009.16
90.0	4568.40	4549.37	4404.07	4156.71	3813.34	3395.60	2969.20	2506.48	2089.60
120.0	4556.29	4504.40	4336.61	4074.54	3713.02	3298.73	2867.14	2414.80	2012.62
150.0	4543.32	4489.70	4333.15	4068.49	3703.50	3281.43	2860.22	2410.48	2003.97
180.0	4527.75	4445.59	4238.01	3947.40	3562.52	3152.56	2701.08	2253.93	1793.80
210.0	4601.27	4513.91	4317.58	4004.49	3615.28	3187.16	2714.92	2271.23	1719.16
240.0	4586.56	4507.86	4324.50	4014.00	3618.74	3197.54	2724.44	2266.04	1844.83
270.0	4568.40	4467.21	4266.55	3937.02	3542.63	3108.45	2622.38	2176.09	1721.06
300.0	4556.29	4481.91	4289.04	4003.62	3613.55	3197.54	2720.11	2257.39	1833.59
330.0	4543.32	4467.21	4285.58	3982.00	3602.31	3176.78	2696.76	2247.88	1708.70
360.0	4527.75	4494.89	4346.12	4086.65	3726.85	3330.73	2861.95	2400.10	1965.05
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	1584.50	1247.19	973.01	761.98	598.51	475.70	384.10	312.49	257.39
30.0	1629.47	1283.51	1002.42	794.84	623.59	495.59	418.53	327.80	273.05
60.0	1622.98	1277.72	1002.33	791.99	620.48	499.31	399.67	324.77	267.43
90.0	1695.20	1342.32	1049.99	834.63	653.00	518.94	437.64	339.91	281.87
120.0	1633.28	1297.52	1017.73	807.47	634.14	504.41	408.23	330.74	272.79
150.0	1623.42	1284.38	1005.88	797.44	623.59	492.99	401.05	323.91	267.86
180.0	1502.50	1185.43	928.12	735.94	578.01	465.23	374.42	304.27	250.99
210.0	1494.20	1179.46	929.59	724.44	578.53	454.50	368.36	302.02	249.61
240.0	1478.11	1160.70	904.69	708.35	557.00	442.83	359.80	294.07	243.30
270.0	1411.00	1106.12	868.36	674.54	533.38	422.42	343.02	281.78	233.61
300.0	1464.28	1146.86	890.85	697.97	550.08	441.10	350.80	289.57	240.10
330.0	1464.02	1150.32	903.04	699.88	558.38	437.64	354.44	290.52	240.18
360.0	1584.50	1247.19	973.01	761.98	598.51	475.70	384.10	312.49	257.39
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	215.97	183.10	156.29	134.15	116.85	101.80	88.05	76.37	64.78
30.0	226.43	194.08	165.80	143.75	124.29	107.85	94.71	82.42	71.61
60.0	224.96	190.62	163.81	142.02	123.25	107.68	94.10	83.03	72.82
90.0	233.44	199.27	170.64	147.98	128.18	111.83	98.60	86.40	75.59
120.0	226.69	192.53	164.16	141.67	121.69	105.09	90.81	79.31	68.76
150.0	223.49	188.12	159.92	136.91	117.19	100.59	86.75	74.73	64.18
180.0	211.55	179.12	152.40	131.46	112.61	96.87	83.64	72.31	60.98
210.0	212.07	180.76	155.68	132.76	115.64	99.90	87.35	76.20	65.82
240.0	205.33	174.28	149.02	127.49	110.97	95.92	82.77	72.48	62.45
270.0	198.15	169.00	145.82	124.98	108.20	92.37	77.50	65.56	55.01
300.0	202.04	172.20	147.38	127.05	110.45	95.83	82.77	72.82	62.19
330.0	202.99	172.37	149.02	128.01	111.05	96.18	84.15	73.26	63.31
360.0	215.97	183.10	156.29	134.15	116.85	101.80	88.05	76.37	64.78
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	54.23	46.27	39.79	33.30	28.11	23.01	17.73	13.49	9.60
30.0	61.75	53.02	44.46	37.54	31.74	26.03	21.02	16.00	11.59
60.0	63.83	55.96	48.87	42.21	35.46	28.89	22.40	16.95	11.94
90.0	66.16	58.12	48.43	39.27	31.48	25.17	19.55	13.92	9.25
120.0	59.76	52.15	45.06	39.01	32.95	26.98	21.36	16.17	11.68
150.0	54.92	47.57	40.39	34.16	29.06	24.22	19.81	15.48	11.94
180.0	51.29	44.46	38.06	32.35	26.98	22.49	17.90	14.10	9.95
210.0	57.17	48.95	41.00	34.60	29.49	24.30	19.72	15.31	10.64
240.0	52.24	44.46	37.80	32.09	27.24	22.66	18.16	14.53	10.98
270.0	47.48	40.39	33.82	28.11	23.44	18.68	14.88	11.59	8.39
300.0	52.41	44.46	37.88	32.00	26.90	22.40	17.90	14.10	10.64
330.0	54.75	46.19	38.06	31.66	26.64	21.45	16.87	12.37	8.39
360.0	54.23	46.27	39.79	33.30	28.11	23.01	17.73	13.49	9.60

# 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	5.36	3.11	1.21	0.26	0.09	0.09	0.00	0.00	0.00
30.0	7.70	4.50	1.82	0.52	0.17	0.00	0.09	0.00	0.00
60.0	8.13	5.36	2.42	0.95	0.26	0.09	0.09	0.09	0.00
90.0	6.40	4.32	2.42	0.69	0.09	0.09	0.00	0.09	0.00
120.0	7.87	5.54	2.77	1.12	0.35	0.00	0.09	0.00	0.00
150.0	8.30	4.93	2.08	0.61	0.09	0.09	0.00	0.00	0.00
180.0	5.10	2.94	0.86	0.26	0.09	0.09	0.09	0.00	0.00
210.0	7.44	4.15	2.34	0.69	0.17	0.17	0.09	0.00	0.00
240.0	7.27	3.46	1.38	0.35	0.09	0.00	0.00	0.00	0.00
270.0	4.76	1.30	0.26	0.09	0.09	0.00	0.00	0.00	0.00
300.0	6.31	2.94	0.78	0.26	0.09	0.09	0.00	0.00	0.00
330.0	5.54	3.29	1.73	0.35	0.17	0.00	0.00	0.00	0.00
360.0	5.36	3.11	1.21	0.26	0.09	0.09	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								