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ROLED

灯具名称: 投光灯
灯具描述: FWK2111C1.8-1-24DC(45-XPG-1WN-AJ.P1)
报告编号: 电压(V): 24.0000
测试编号: 20221215001 电流(A): 0.2920
光源规格型号: XPG 功率(W): 7.0000
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

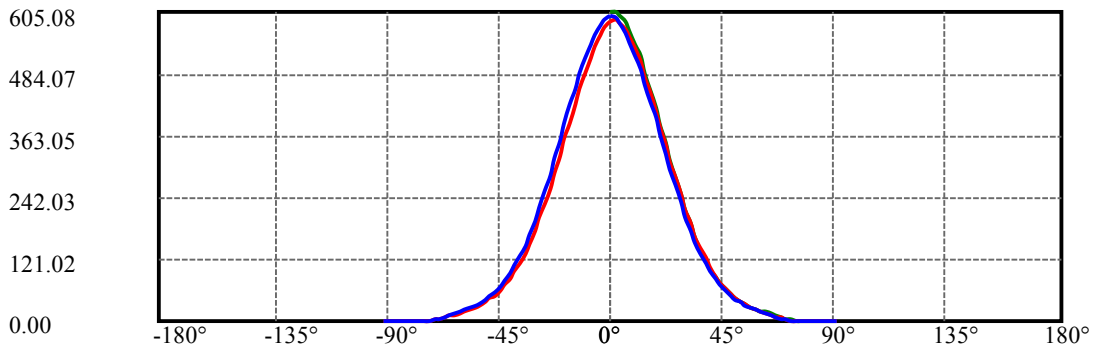
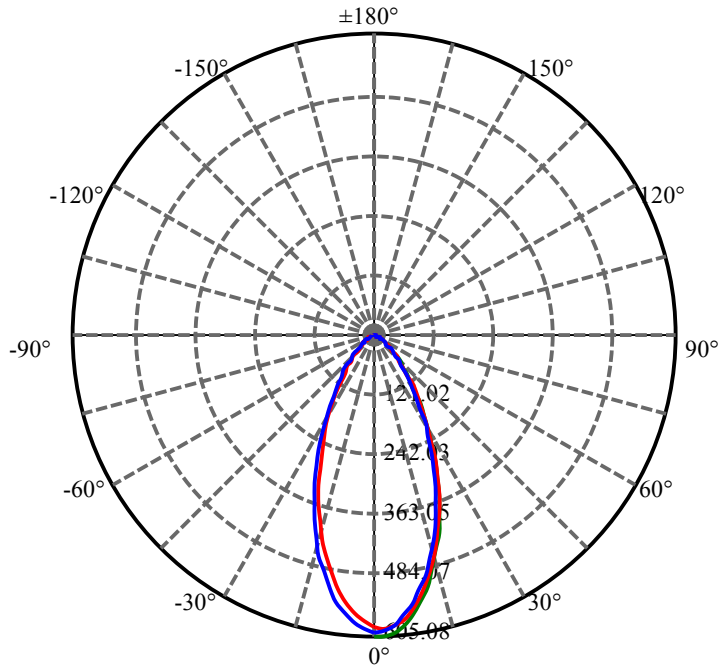
光度结果

灯具光通量(lm): 474.10
灯具效能(lm/w): 67.73
中心光强(cd): 587.613
最大光强(cd): 605.084
最大光强角度: $C=30.0 \gamma=2.0$
半峰边角(50%Imax): [C0/180]Total=47.0
 [C90/270]Total=47.1
光束扩散角(10%Imax): [C0/180]Total=91.2
 [C90/270]Total=91.4

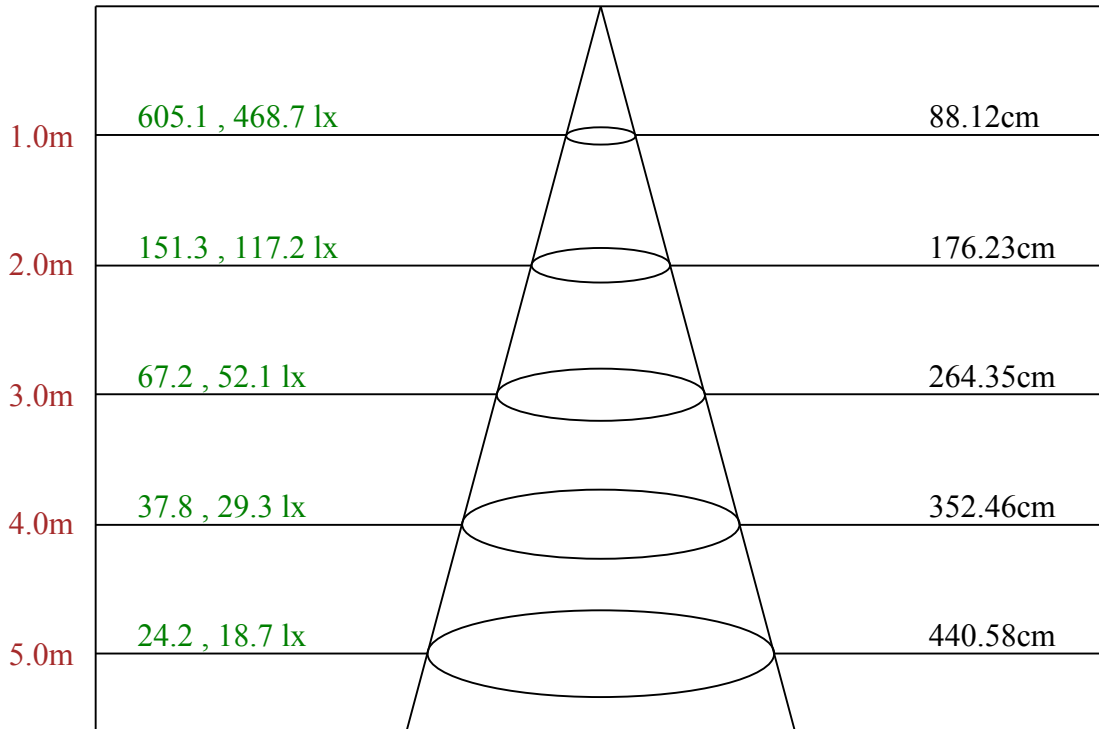
测试设备: GMS-1800
环境温度(°C): 25.0

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

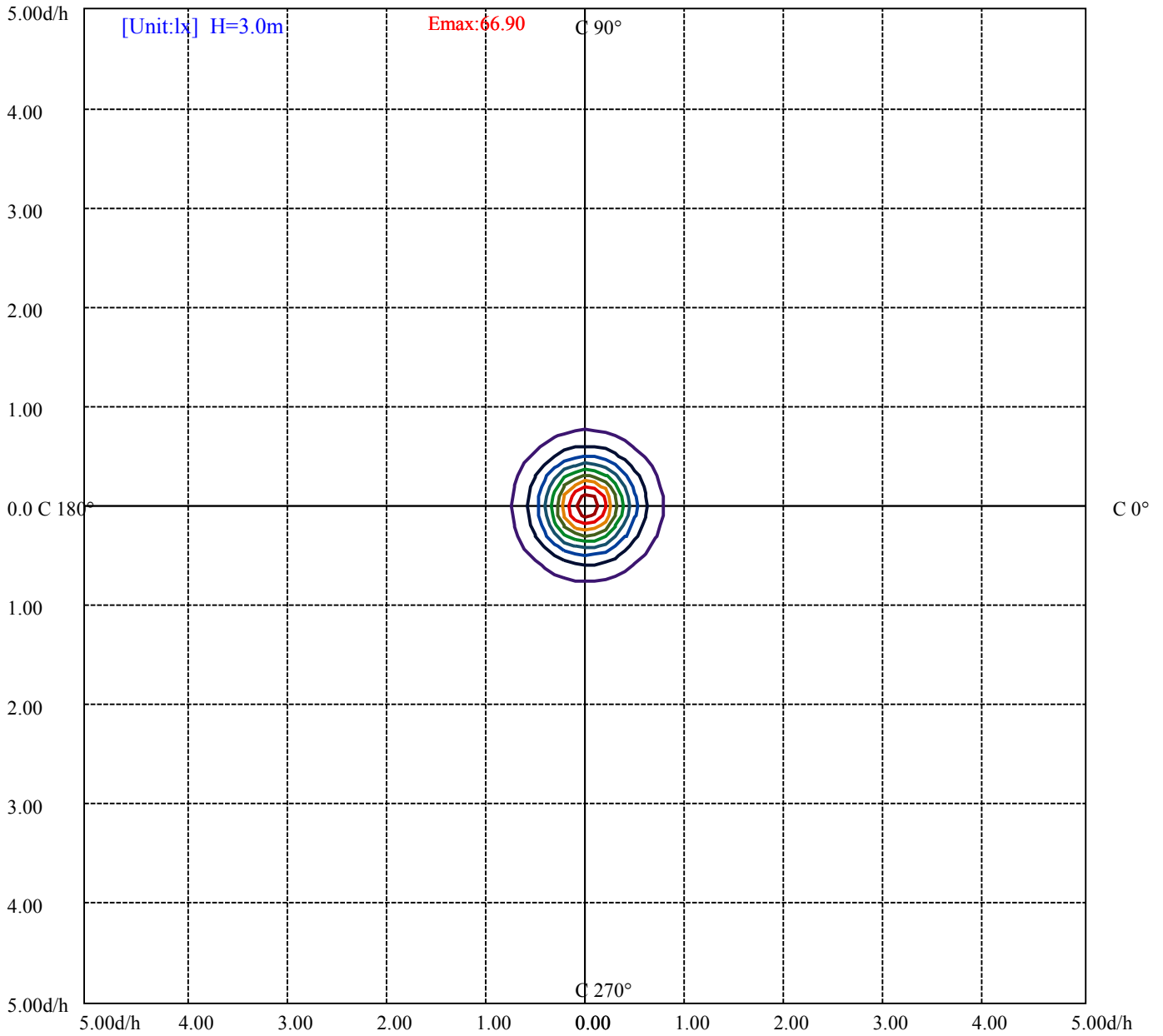


C30(Max): —
C0/C180: —
C90/C270: —



Max , Ave C30面光束角47.53

ROLED 投光灯
平面等照度曲线



(10%Emax) 6.69	—
(20%Emax) 13.38	—
(30%Emax) 20.07	—
(40%Emax) 26.76	—
(50%Emax) 33.45	—
(60%Emax) 40.14	—
(70%Emax) 46.83	—
(80%Emax) 53.52	—
(90%Emax) 60.21	—

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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

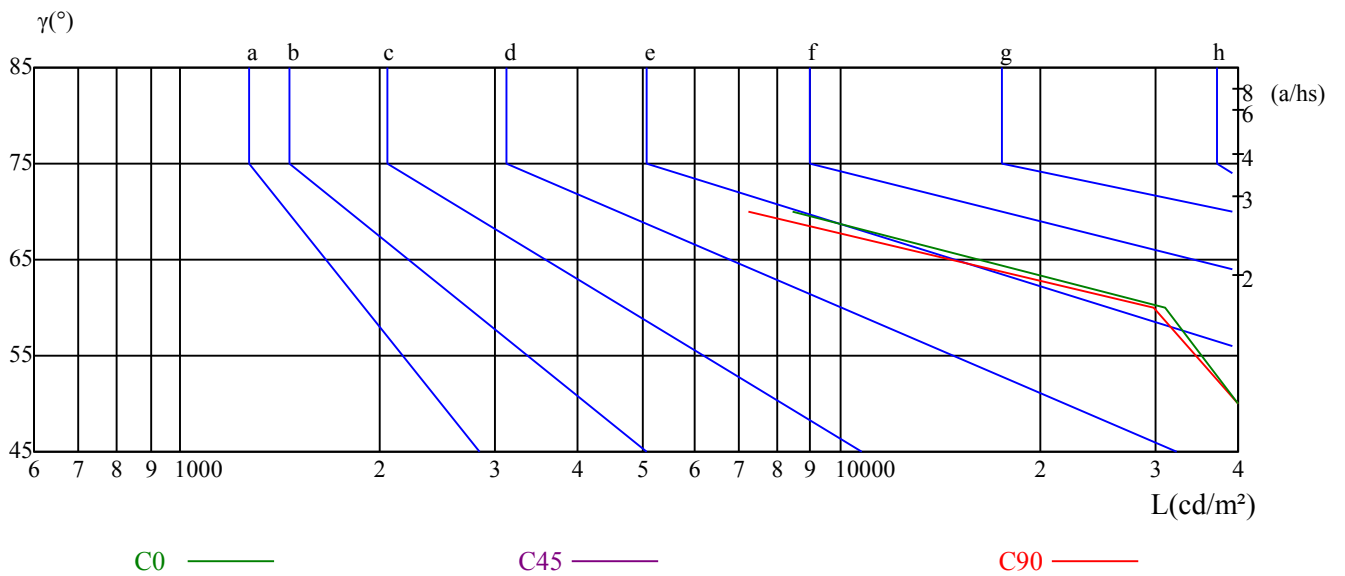
γ	45	50	55	60	65	70	75	80	85
C0	0	57666	0	31066	0	8464	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	54701	0	29795	0	7225	0	0	0

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	587.61	589.95	583.98	572.39	554.75	532.69	507.87	477.94	445.42
30.0	604.05	605.08	598.25	585.19	566.86	542.47	516.86	484.52	451.05
60.0	600.15	598.42	589.52	574.64	554.92	531.74	503.46	473.10	439.20
90.0	596.18	593.32	582.77	565.13	544.97	520.15	492.91	461.77	429.60
120.0	593.23	585.62	572.82	555.01	532.17	506.31	475.78	444.21	410.91
150.0	590.64	581.73	567.55	546.96	524.65	496.97	468.60	436.26	402.01
180.0	587.61	575.94	559.24	537.97	514.10	486.68	454.85	423.54	388.69
210.0	604.05	593.93	578.53	557.77	534.51	505.97	473.53	441.79	407.54
240.0	600.15	592.98	579.57	561.32	537.88	513.15	481.06	450.27	415.93
270.0	596.18	591.33	579.40	561.06	541.17	514.70	485.90	455.46	423.63
300.0	593.23	591.51	583.29	569.71	551.37	528.54	497.84	469.21	436.69
330.0	590.64	590.64	583.12	569.97	553.45	529.49	501.12	469.55	437.81
360.0	587.61	589.95	583.98	572.39	554.75	532.69	507.87	477.94	445.42
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	410.74	379.35	345.87	313.70	280.49	248.23	217.52	190.02	165.37
30.0	418.18	384.45	350.03	315.00	282.04	249.00	219.25	190.28	164.07
60.0	405.03	370.00	335.06	302.72	270.11	238.28	208.01	180.16	155.25
90.0	398.03	362.91	328.06	295.10	265.26	232.23	204.64	178.08	153.52
120.0	377.10	343.02	309.81	278.76	246.84	218.13	190.28	164.68	142.36
150.0	369.31	334.54	300.90	269.68	239.40	209.74	182.93	159.83	138.04
180.0	356.25	321.74	290.00	258.43	228.25	201.18	175.57	151.70	130.25
210.0	371.82	336.97	304.19	270.80	240.79	211.64	183.88	159.75	137.69
240.0	381.94	347.00	312.40	279.10	246.76	216.40	188.29	164.59	142.36
270.0	388.17	354.78	321.22	286.54	255.49	222.97	195.55	170.13	147.47
300.0	401.92	368.79	333.59	300.03	265.18	234.73	204.46	179.21	154.73
330.0	402.70	367.67	334.54	300.73	267.95	235.94	208.01	181.28	157.93
360.0	410.74	379.35	345.87	313.70	280.49	248.23	217.52	190.02	165.37
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	141.84	122.64	104.31	88.05	74.73	63.74	53.54	45.41	38.66
30.0	140.89	121.26	103.10	87.87	75.07	63.66	53.88	45.67	38.92
60.0	134.66	114.95	98.17	84.33	71.53	60.54	51.46	44.11	37.36
90.0	132.85	112.87	97.04	82.42	70.49	59.76	50.60	43.07	36.41
120.0	122.90	105.17	89.43	76.98	65.39	55.44	46.96	40.13	33.90
150.0	118.75	101.37	87.35	74.55	63.74	53.97	45.58	39.01	32.95
180.0	112.87	96.09	82.51	70.32	59.59	50.34	43.33	36.76	30.88
210.0	119.18	101.89	87.61	74.81	63.40	54.14	45.93	39.09	33.04
240.0	121.78	105.78	90.56	76.80	65.21	56.05	47.31	40.74	34.51
270.0	126.19	108.20	92.98	78.71	67.12	56.74	48.17	41.17	34.60
300.0	132.50	114.60	97.56	83.29	70.66	60.46	51.03	43.68	37.19
330.0	135.88	116.50	100.33	85.45	72.65	61.41	52.24	44.46	37.45
360.0	141.84	122.64	104.31	88.05	74.73	63.74	53.54	45.41	38.66
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	32.35	27.59	23.18	19.03	15.31	11.94	9.08	6.23	3.55
30.0	32.87	27.94	23.87	20.33	17.04	13.58	10.64	7.87	5.36
60.0	32.00	27.07	23.09	19.46	16.52	13.67	10.72	8.04	5.45
90.0	30.88	26.03	22.05	18.25	14.88	11.42	8.48	5.54	3.03
120.0	28.97	24.56	20.84	17.73	14.79	11.85	8.99	6.57	4.07
150.0	27.94	23.70	20.24	17.21	14.79	12.11	9.34	6.83	4.41
180.0	26.55	22.49	18.77	15.48	12.28	9.43	6.75	4.15	2.08
210.0	28.11	24.13	20.67	17.56	14.79	11.94	9.17	6.75	4.24
240.0	29.06	25.00	21.19	17.99	15.22	12.80	9.95	7.35	4.84
270.0	29.49	25.08	21.10	17.13	13.84	10.64	7.70	4.76	2.34
300.0	31.14	26.55	22.49	19.29	16.09	13.15	10.03	7.35	4.58
330.0	31.91	27.16	23.18	19.46	16.52	13.41	10.64	7.96	5.36
360.0	32.35	27.59	23.18	19.03	15.31	11.94	9.08	6.23	3.55

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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	1.47	0.52	0.17	0.00	0.00	0.00	0.00	0.00	0.00
30.0	2.94	1.12	0.35	0.09	0.00	0.00	0.00	0.00	0.00
60.0	3.11	1.30	0.35	0.09	0.00	0.09	0.00	0.00	0.00
90.0	1.12	0.35	0.17	0.00	0.00	0.00	0.00	0.00	0.00
120.0	1.99	0.52	0.17	0.00	0.00	0.00	0.00	0.00	0.00
150.0	2.25	0.78	0.26	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.69	0.26	0.09	0.00	0.09	0.00	0.00	0.00	0.00
210.0	2.25	0.78	0.26	0.09	0.00	0.00	0.00	0.00	0.00
240.0	2.68	0.95	0.26	0.09	0.00	0.09	0.00	0.00	0.00
270.0	0.86	0.26	0.09	0.00	0.00	0.00	0.00	0.00	0.00
300.0	2.42	0.86	0.35	0.09	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	1.47	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								