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ROLED

灯具名称: 投光灯
灯具描述: FWK2111C1.8-1-24DC(10-XPG-1WN-AJ.P1)
报告编号: 电压(V): 24.1000
测试编号: 20221214003 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

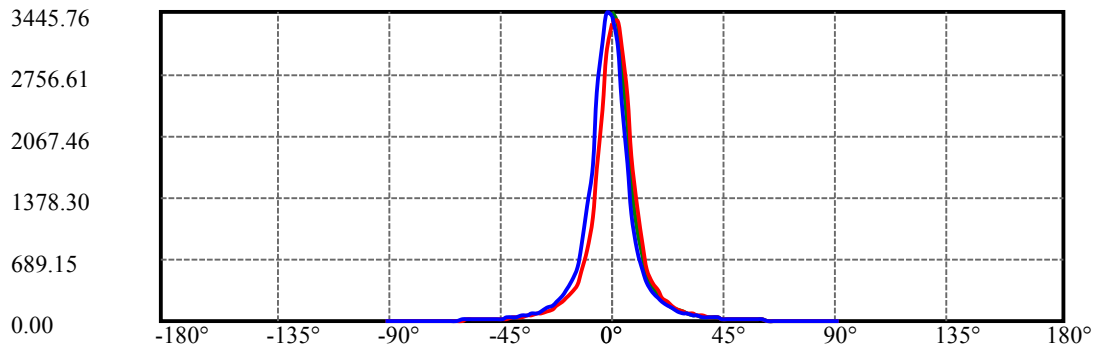
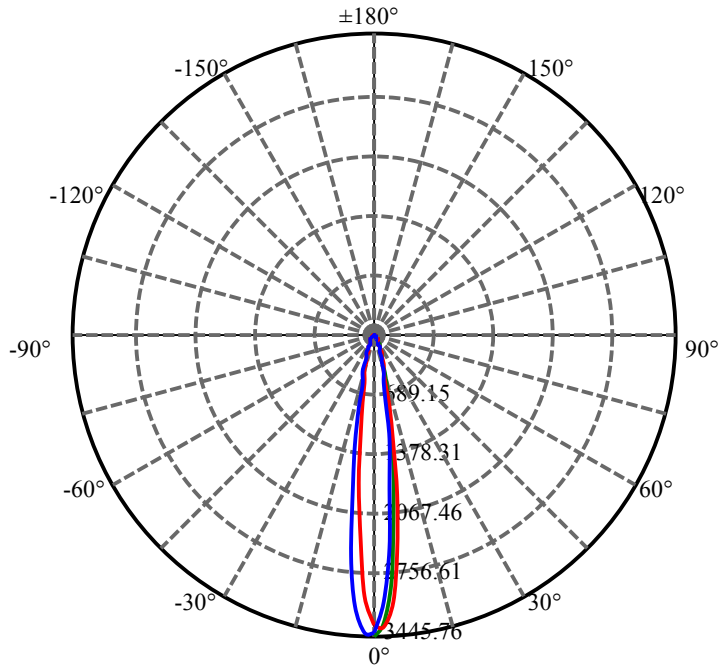
光度结果

灯具光通量(lm): 464.58
灯具效能(lm/w): 67.33
中心光强(cd): 3309.973
最大光强(cd): 3445.762
最大光强角度: C=30.0 $\gamma=0.0$
半峰边角(50%Imax): [C0/180]Total=14.9
 [C90/270]Total=14.3
光束扩散角(10%Imax): [C0/180]Total=34.0
 [C90/270]Total=33.8

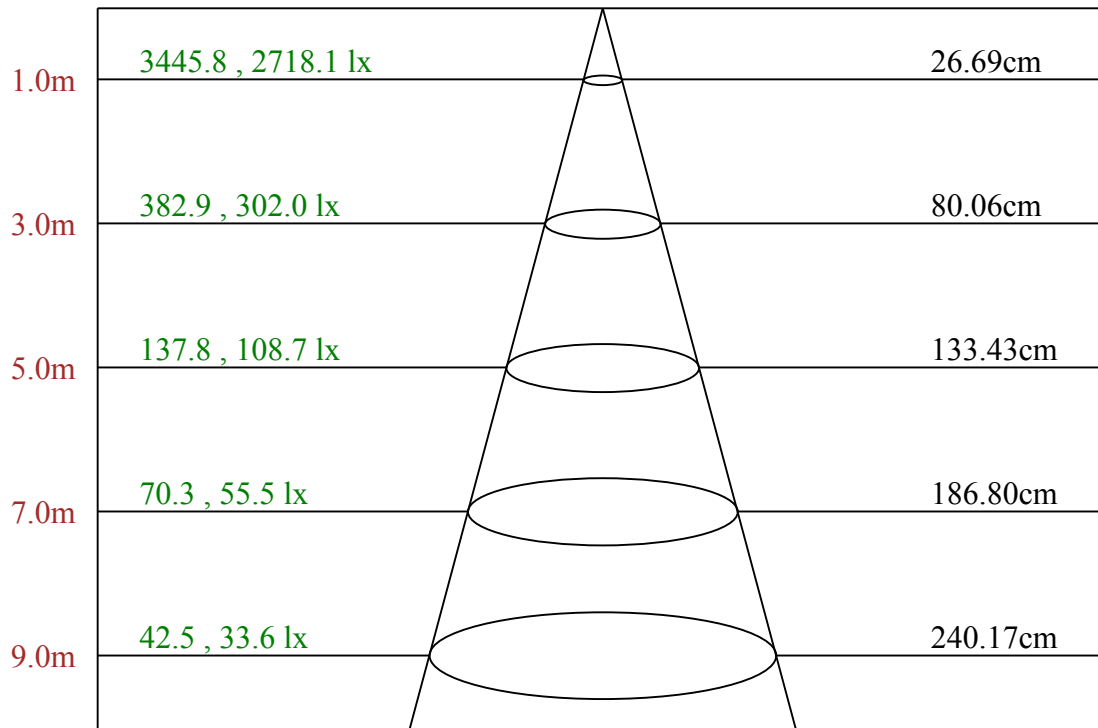
测试设备: GMS-1800
环境温度(°C): 25.0

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

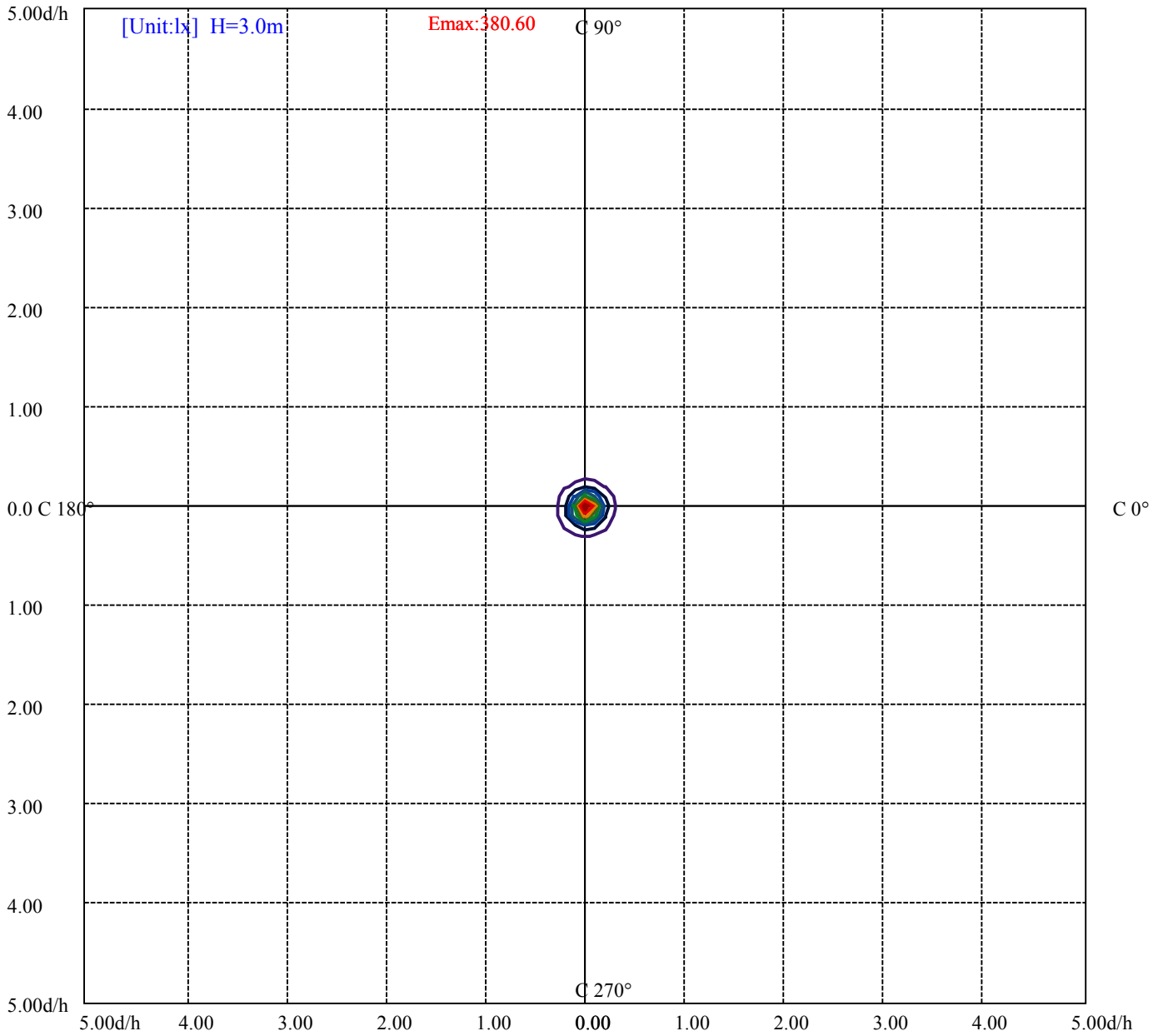


C30(Max): —
C0/C180: —
C90/C270: —



Max, Ave C30面光束角15.20

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平面等照度曲线



(10%Emax) 38.06022	——
(20%Emax) 76.12033	——
(30%Emax) 114.18	——
(40%Emax) 152.2411	——
(50%Emax) 190.3011	——
(60%Emax) 228.3611	——
(70%Emax) 266.4211	——
(80%Emax) 304.4811	——
(90%Emax) 342.5411	——

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灯具的亮度限制曲线(灯具无发光侧边)

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亮度值表

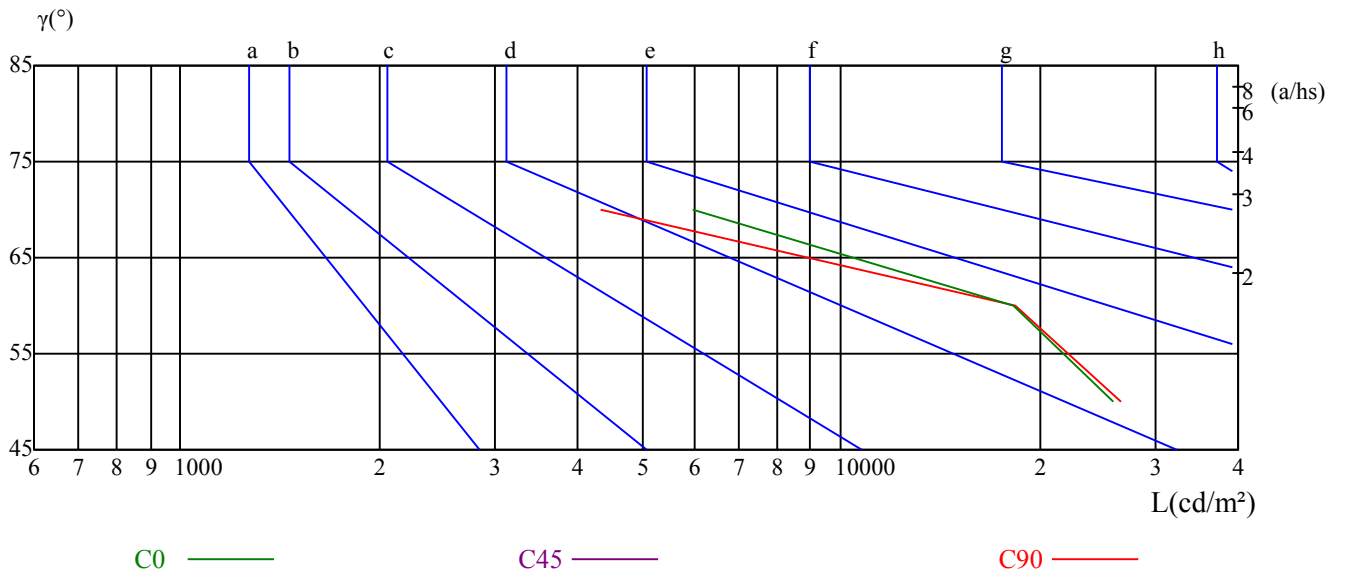
γ	45	50	55	60	65	70	75	80	85
C0	0	25922	0	18216	0	5987	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	26581	0	18357	0	4335	0	0	0

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



测试设备: GMS-1800
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测试日期: 2022/12/14
环境湿度(%): 60.0%

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测试距离(m): 9.30

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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	3309.97	3341.97	3063.48	2499.56	1838.78	1277.46	827.71	585.54	437.64
30.0	3445.76	3304.78	2833.41	2186.47	1512.71	1024.91	696.24	505.10	384.45
60.0	3405.11	3092.88	2515.13	1700.65	1258.08	837.74	593.75	439.97	341.64
90.0	3398.19	3053.10	2444.21	1758.34	1190.97	787.06	554.40	437.64	328.49
120.0	3330.73	2916.44	2269.50	1595.39	1049.99	717.87	512.02	393.62	310.15
150.0	3353.22	2983.04	2392.31	1684.83	1138.21	757.65	543.16	441.10	320.01
180.0	3309.97	2976.99	2357.72	1696.33	1151.53	786.19	552.58	413.08	327.71
210.0	3445.76	3262.40	2767.68	2121.60	1489.62	1008.56	669.61	494.46	377.36
240.0	3405.11	3380.89	3039.26	2432.10	1791.21	1211.72	803.49	566.51	437.64
270.0	3398.19	3413.76	3104.13	2548.00	1723.31	1279.71	845.27	588.91	440.93
300.0	3330.73	3444.90	3217.43	2723.57	2052.41	1446.11	930.63	646.95	468.78
330.0	3353.22	3396.46	3120.56	2555.78	1697.19	1316.38	867.32	601.71	446.37
360.0	3309.97	3341.97	3063.48	2499.56	1838.78	1277.46	827.71	585.54	437.64
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	335.67	265.26	211.99	171.34	138.90	113.13	92.11	77.24	64.61
30.0	302.46	243.64	195.38	158.10	128.26	106.04	87.53	73.52	61.84
60.0	271.32	220.55	178.26	144.52	118.92	97.73	81.47	68.33	58.29
90.0	266.13	214.15	173.07	140.89	115.72	95.23	79.74	67.72	57.43
120.0	248.83	200.57	164.24	133.45	108.72	90.56	75.68	63.83	54.32
150.0	259.82	208.96	169.09	137.26	112.87	92.54	77.67	64.78	54.75
180.0	261.29	210.00	169.52	138.56	112.61	93.15	76.98	64.35	54.14
210.0	300.38	242.43	195.12	158.88	129.22	105.09	86.40	72.74	60.80
240.0	331.69	267.60	215.27	172.98	140.46	115.46	94.19	78.19	65.73
270.0	337.83	271.49	217.52	174.71	143.23	116.33	95.14	78.88	66.08
300.0	361.36	284.12	227.21	183.79	147.29	120.91	98.34	82.08	68.41
330.0	341.46	274.09	218.56	174.80	142.88	114.86	94.79	78.71	65.99
360.0	335.67	265.26	211.99	171.34	138.90	113.13	92.11	77.24	64.61
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	54.66	46.53	39.61	34.08	29.75	26.03	22.75	20.41	18.25
30.0	52.50	44.97	39.18	34.16	29.67	26.29	23.35	20.76	18.60
60.0	49.82	43.16	37.88	33.21	29.41	25.86	23.27	20.84	18.85
90.0	49.30	42.73	37.62	33.13	29.32	25.95	23.18	20.93	18.85
120.0	47.05	40.82	35.89	31.48	27.68	24.65	21.97	19.89	17.99
150.0	46.88	40.74	35.37	30.88	27.24	24.04	21.45	19.20	17.30
180.0	46.27	39.70	34.25	30.01	26.12	23.01	20.41	18.51	16.52
210.0	51.29	44.02	37.80	32.69	28.54	25.08	22.14	19.72	17.64
240.0	55.09	47.14	39.96	34.60	30.19	26.55	23.35	20.58	18.42
270.0	55.27	47.31	40.22	34.51	30.10	26.38	23.18	20.50	18.34
300.0	56.91	48.52	41.60	35.55	30.96	27.07	23.78	21.19	18.77
330.0	55.35	46.96	40.48	34.77	30.19	26.29	23.27	20.58	18.25
360.0	54.66	46.53	39.61	34.08	29.75	26.03	22.75	20.41	18.25
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	16.17	14.44	12.97	11.16	9.34	7.44	5.79	4.07	2.51
30.0	16.78	15.05	13.41	12.02	10.64	8.82	6.83	5.10	3.55
60.0	16.87	15.22	13.67	12.28	10.72	9.17	7.27	5.10	3.46
90.0	16.95	15.31	13.49	11.24	9.17	7.01	5.19	3.37	1.82
120.0	16.35	14.79	13.06	11.68	10.03	8.13	5.79	4.24	2.68
150.0	15.57	14.01	12.71	11.24	10.03	8.13	6.14	4.41	2.94
180.0	14.88	13.41	11.85	9.69	7.44	5.79	4.24	2.77	1.38
210.0	15.65	14.10	12.54	11.24	9.60	7.87	5.79	4.24	2.77
240.0	16.17	14.44	12.89	11.50	10.21	8.56	6.75	5.02	3.55
270.0	16.26	14.44	12.63	10.72	8.65	6.83	5.10	3.37	1.99
300.0	16.61	14.70	13.15	11.59	10.21	8.65	6.57	4.84	3.29
330.0	16.26	14.44	12.80	11.33	10.03	8.56	6.83	5.10	3.63
360.0	16.17	14.44	12.97	11.16	9.34	7.44	5.79	4.07	2.51

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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	1.04	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30.0	2.08	0.78	0.09	0.00	0.00	0.00	0.00	0.00	0.00
60.0	1.99	0.78	0.09	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.69	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.0	1.30	0.26	0.09	0.00	0.00	0.00	0.00	0.00	0.00
150.0	1.47	0.35	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	1.47	0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00
240.0	1.90	0.86	0.17	0.00	0.00	0.00	0.00	0.00	0.00
270.0	0.61	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300.0	1.90	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00
330.0	2.16	0.95	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								