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ROLED

灯具名称: 投光灯
灯具描述: FWK2321C2.8-3-24DC(3-XEG-3WN-AJ.P1)
报告编号: 电压(V): 23.8000
测试编号: 20221214002 电流(A): 1.1730
光源规格型号: XEG 功率(W): 27.9000
每个光源光通量(lm) 功率因数: 0.9800
光源数量: 3 镇流器型号:
发光面长度(mm): 85 发光面宽度 (mm): 85
测试模式: C 发光面高度(mm): 0

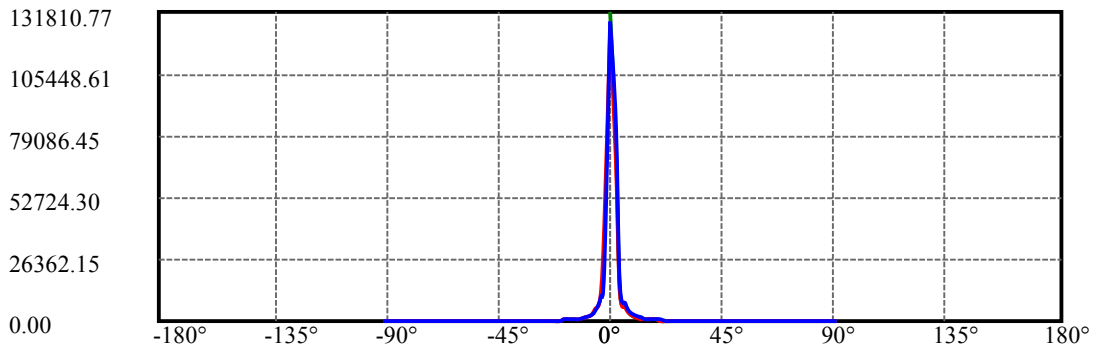
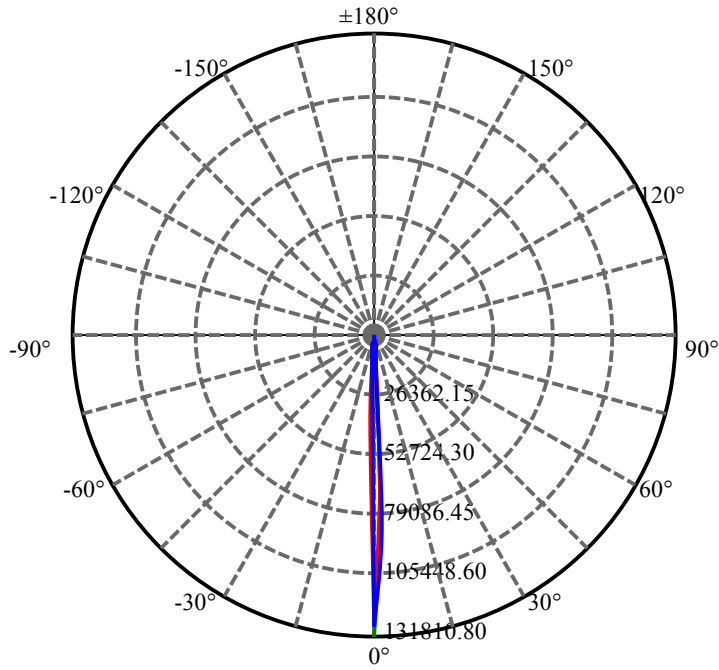
光度结果

灯具光通量(lm): 1526.60
灯具效能(lm/w): 54.72
中心光强(cd): 124571.600
最大光强(cd): 131810.800
最大光强角度: C=120.0 $\gamma=0.0$
半峰边角(50%Imax): [C0/180]Total=3.7
 [C90/270]Total=3.8
光束扩散角(10%Imax): [C0/180]Total=8.1
 [C90/270]Total=8.4

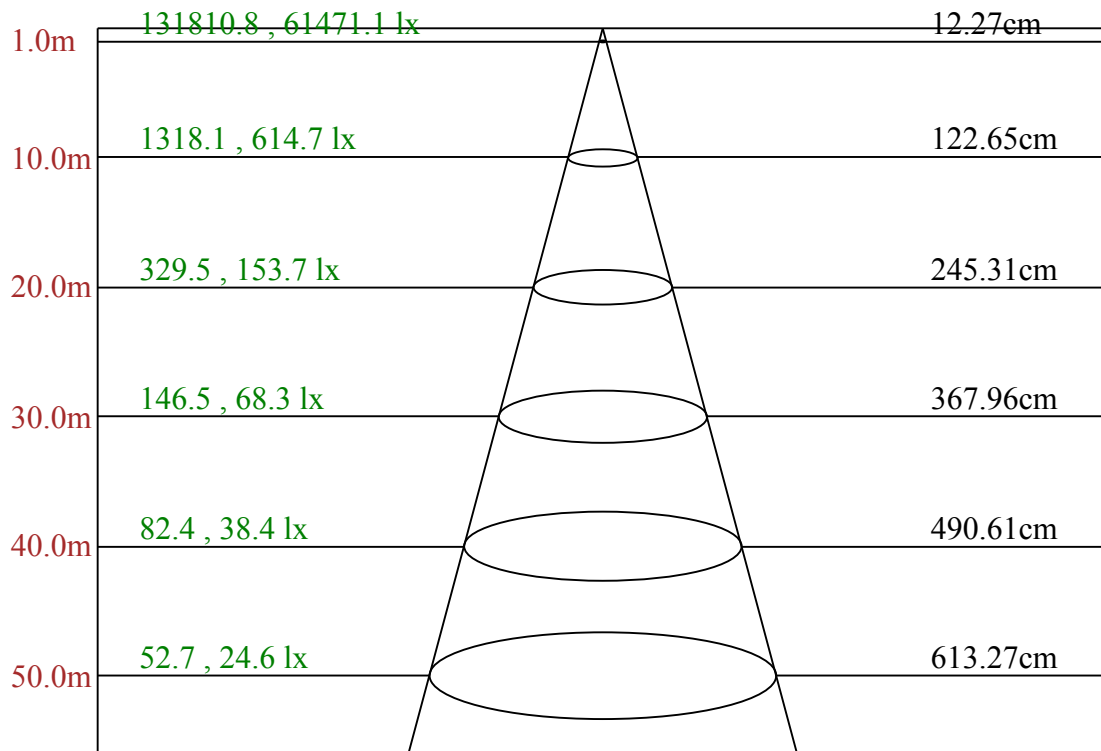
测试设备: GMS-1800
环境温度(°C): 25.0

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

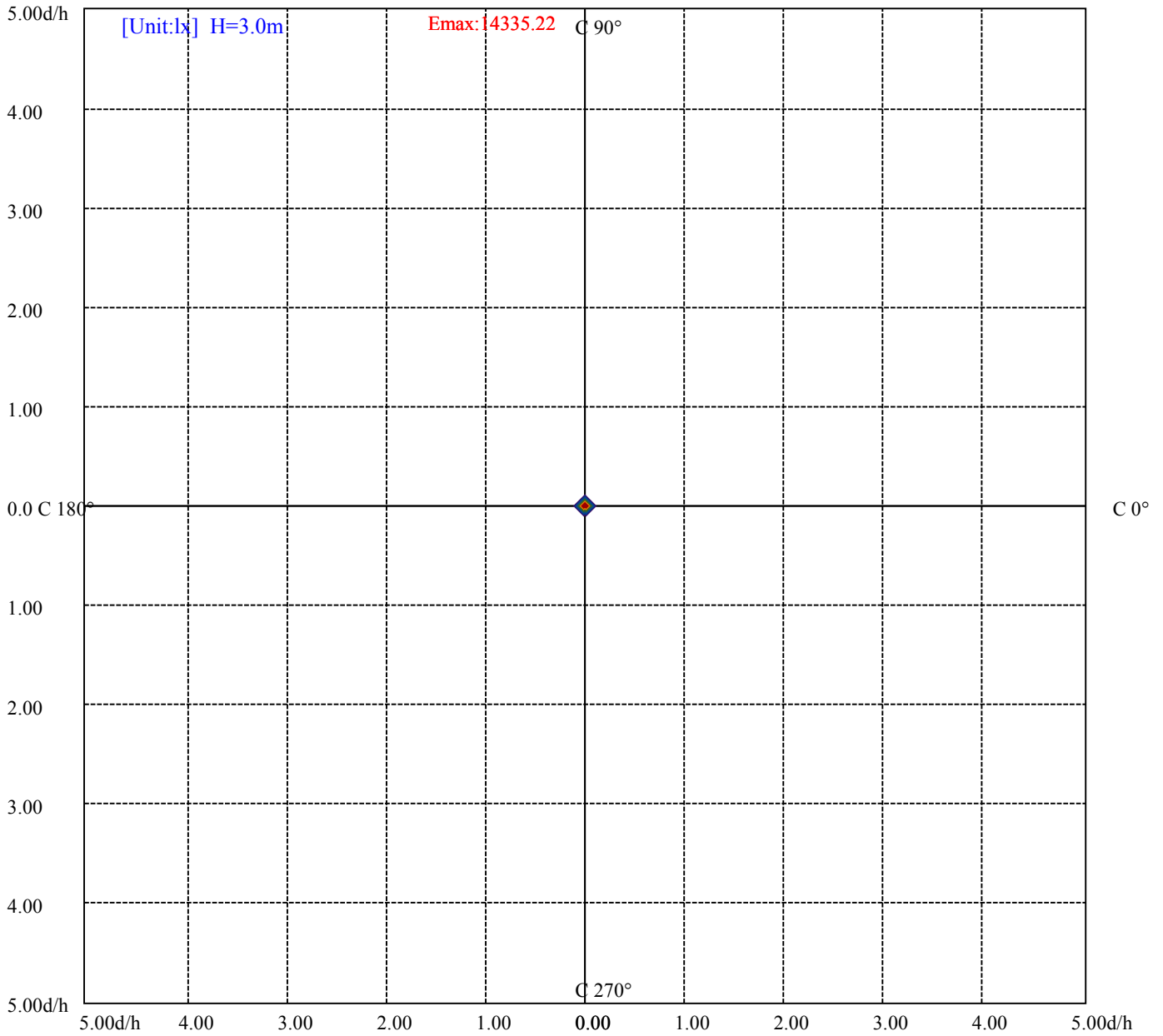


C120(Max): ——
C0/C180: ——
C90/C270: ——



Max , Ave C120面光束角7.02

ROLED 投光灯
平面等照度曲线



- (10%Emax) 1433.522
- (20%Emax) 2867.033
- (30%Emax) 4300.556
- (40%Emax) 5734.067
- (50%Emax) 7167.589
- (60%Emax) 8601.1
- (70%Emax) 10034.62
- (80%Emax) 11468.11
- (90%Emax) 12901.67

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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

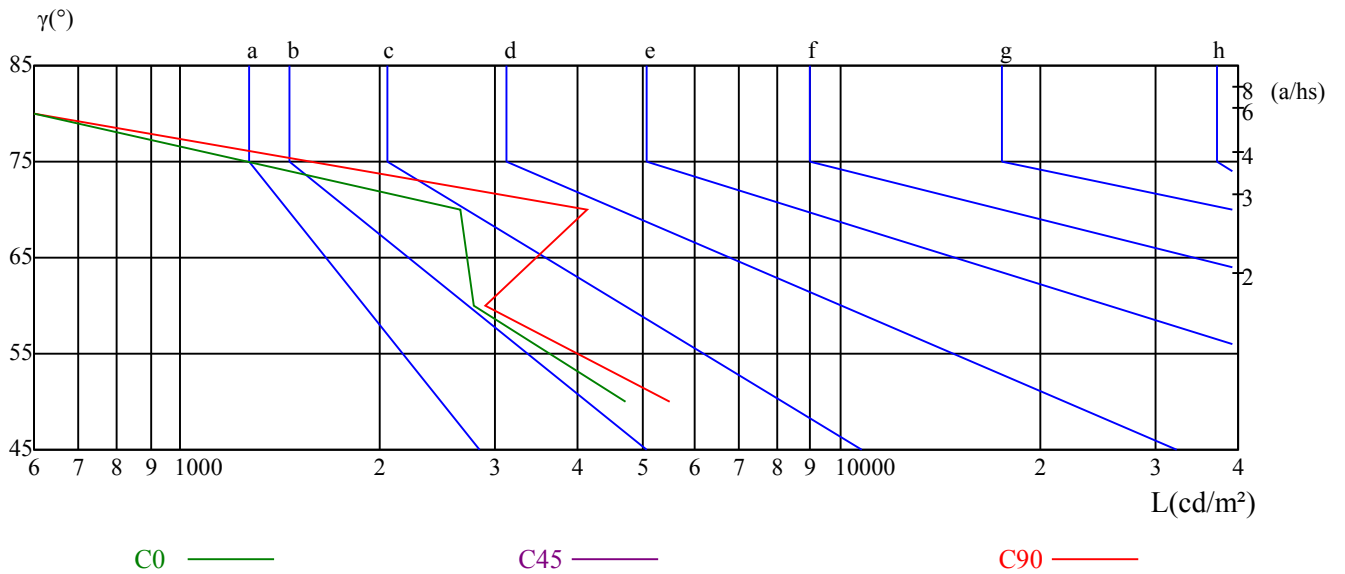
γ	45	50	55	60	65	70	75	80	85
C0	0	4712	0	2777	0	2660	0	69	0
C45	0	0	0	0	0	0	0	0	0
C90	0	5513	0	2897	0	4130	0	138	69

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	17761	18108	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	≤ 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



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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	124571.55	68526.03	13293.51	5976.46	3055.69	1789.48	1139.94	819.06	636.57
30.0	126794.34	57645.59	13466.49	5950.51	3172.45	1868.18	1239.40	867.49	673.76
60.0	131248.58	57896.41	13268.43	6042.19	3106.72	1720.11	1211.64	859.97	663.98
90.0	127676.54	84414.24	16450.40	7152.72	4462.88	2088.73	1329.35	896.04	687.60
120.0	131810.76	75125.21	13991.49	6407.18	3221.75	1723.83	1235.08	853.92	665.97
150.0	124891.56	78645.36	14850.33	6443.51	3323.81	1904.51	1207.40	838.09	639.16
180.0	124571.55	41809.27	10959.15	4973.18	2693.30	1607.07	1028.11	734.99	568.50
210.0	126794.34	45874.30	11758.32	5339.89	2955.36	1721.15	1127.22	795.19	622.64
240.0	131248.58	44455.86	11892.38	5275.89	2810.93	1720.29	1094.10	773.22	601.97
270.0	127676.54	23975.03	9839.10	4489.70	2458.91	1528.11	986.50	715.10	559.59
300.0	131810.76	46600.81	11382.08	5016.42	2722.71	1611.31	1028.37	733.44	573.43
330.0	124891.56	46324.04	10424.64	4857.28	2598.16	1600.07	1011.93	746.58	576.37
360.0	124571.55	68526.03	13293.51	5976.46	3055.69	1789.48	1139.94	819.06	636.57
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	481.75	370.52	275.04	207.84	161.30	134.15	111.66	95.40	80.70
30.0	524.13	415.32	292.68	221.15	180.42	144.18	120.39	103.36	90.81
60.0	505.53	381.07	288.10	218.56	169.52	140.55	122.47	100.41	83.29
90.0	526.72	437.64	298.91	222.54	176.53	140.29	115.46	97.99	86.23
120.0	507.00	378.83	281.35	212.33	164.16	131.46	114.60	94.45	78.88
150.0	486.94	369.23	273.39	206.02	166.75	134.23	110.19	95.23	82.34
180.0	425.18	318.37	240.96	184.83	147.47	121.09	108.54	87.27	73.52
210.0	471.98	365.07	272.88	207.75	172.20	136.31	112.35	95.48	86.14
240.0	461.86	353.66	271.06	203.68	162.34	133.45	114.34	95.14	80.00
270.0	428.99	323.73	245.29	187.60	157.84	125.32	105.86	91.16	77.84
300.0	441.10	328.58	248.66	190.28	151.62	125.84	112.26	91.51	77.50
330.0	441.62	333.51	246.58	191.23	155.25	126.28	104.65	90.90	79.57
360.0	481.75	370.52	275.04	207.84	161.30	134.15	111.66	95.40	80.70
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	67.55	59.07	51.38	44.02	35.98	30.19	25.43	21.88	17.82
30.0	76.54	66.60	59.59	47.22	39.87	34.25	29.93	24.74	20.24
60.0	71.70	61.93	53.62	46.45	40.04	35.20	31.05	27.50	23.70
90.0	73.86	65.73	57.17	48.09	40.56	34.51	29.75	25.60	22.23
120.0	67.12	59.85	53.28	47.31	40.04	33.04	28.37	25.00	21.10
150.0	69.19	61.67	55.35	44.54	37.10	32.00	27.33	23.35	19.72
180.0	63.14	54.58	46.96	39.79	33.47	27.76	24.22	21.28	18.34
210.0	75.16	67.12	58.29	47.05	39.96	34.34	29.67	25.95	22.05
240.0	68.93	60.11	53.88	46.62	39.61	32.78	27.33	23.78	19.98
270.0	66.08	57.60	48.17	38.92	33.13	28.46	24.65	21.54	18.42
300.0	65.99	56.91	48.95	41.43	35.11	30.19	26.21	22.92	19.81
330.0	72.57	63.48	52.24	43.33	36.59	31.22	26.81	23.27	19.37
360.0	67.55	59.07	51.38	44.02	35.98	30.19	25.43	21.88	17.82
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	14.79	12.89	11.24	10.03	9.17	7.78	6.66	6.31	6.57
30.0	17.13	14.36	12.71	10.55	9.51	9.51	9.34	9.08	9.08
60.0	19.20	15.22	13.06	11.85	11.07	10.81	10.72	10.98	8.30
90.0	17.38	13.75	11.85	10.47	9.08	8.30	8.13	8.13	10.21
120.0	17.04	13.75	11.68	10.38	9.17	8.30	7.78	7.70	7.09
150.0	17.13	14.70	12.80	11.16	10.98	11.24	10.55	9.34	7.87
180.0	15.40	13.67	12.54	11.50	10.64	9.34	8.48	5.62	4.76
210.0	18.42	15.74	13.84	12.02	10.29	9.43	9.17	7.09	8.48
240.0	16.43	14.53	13.15	12.02	11.07	10.21	9.51	9.25	7.44
270.0	15.83	13.67	11.68	9.86	9.08	8.82	7.44	7.27	6.66
300.0	15.57	13.84	12.28	11.33	10.38	9.77	8.56	7.35	3.29
330.0	16.43	14.18	12.11	10.29	8.74	8.04	7.70	6.49	8.22
360.0	14.79	12.89	11.24	10.03	9.17	7.78	6.66	6.31	6.57

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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	8.82	10.90	0.52	0.17	0.09	0.00	0.00	0.00	0.00
30.0	7.44	10.12	9.95	4.58	0.17	0.17	0.00	0.00	0.00
60.0	8.04	4.58	4.24	3.89	0.17	0.09	0.09	0.00	0.00
90.0	5.10	5.10	0.26	0.09	0.17	0.09	0.00	0.09	0.00
120.0	9.08	4.50	5.10	4.76	0.09	0.09	0.00	0.00	0.00
150.0	6.05	5.79	2.08	1.56	0.09	0.09	0.00	0.00	0.00
180.0	4.58	3.98	3.89	0.09	0.09	0.09	0.00	0.09	0.00
210.0	8.82	7.78	5.28	4.58	0.09	0.09	0.09	0.00	0.00
240.0	7.87	7.70	7.44	4.32	0.17	0.00	0.09	0.00	0.00
270.0	6.83	8.48	9.08	0.09	0.09	0.00	0.09	0.00	0.00
300.0	2.08	1.30	0.69	0.26	0.09	0.09	0.09	0.00	0.00
330.0	7.96	7.87	3.20	1.56	0.17	0.00	0.09	0.09	0.00
360.0	8.82	10.90	0.52	0.17	0.09	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