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ROLED

灯具名称: 投光灯
灯具描述: FWK2421C2.8-6-24DC(3-XEG-6WN-AJ.P1)
报告编号: 电压(V): 23.9000
测试编号: 20230217001 电流(A): 2.3170
光源规格型号: XEG 功率(W): 55.4000
每个光源光通量(lm) 功率因数: 1.0230
光源数量: 6 镇流器型号:
发光面长度(mm): 130 发光面宽度 (mm): 130
测试模式: C 发光面高度(mm): 0

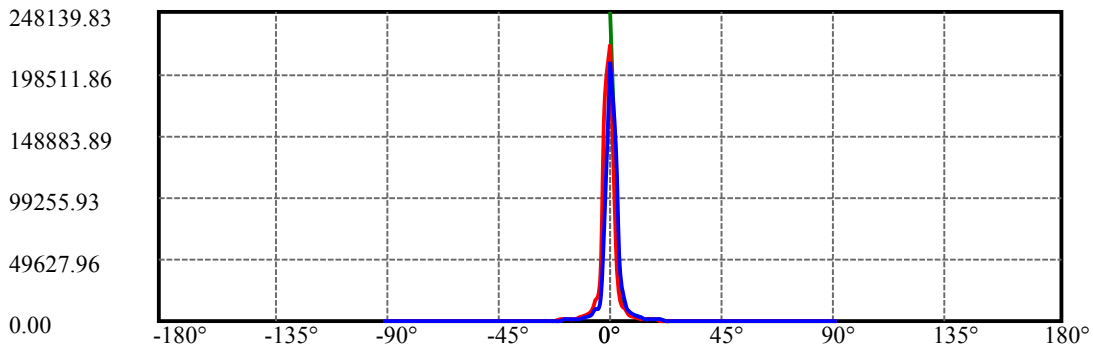
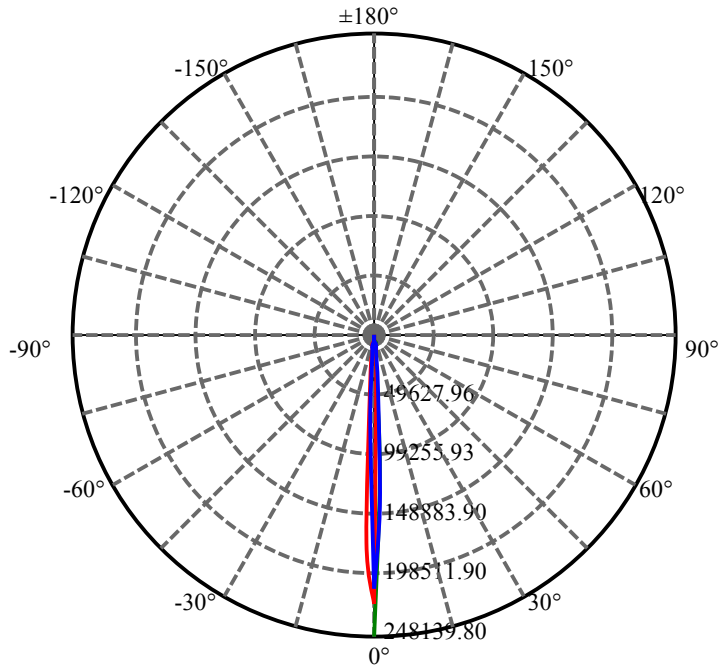
光度结果

灯具光通量(lm): 3204.49
灯具效能(lm/w): 57.84
中心光强(cd): 221500.900
最大光强(cd): 248139.800
最大光强角度: $C=30.0 \gamma=0.0$
半峰边角(50%Imax): [C0/180]Total=4.3
 [C90/270]Total=4.4
光束扩散角(10%Imax): [C0/180]Total=9.2
 [C90/270]Total=9.5

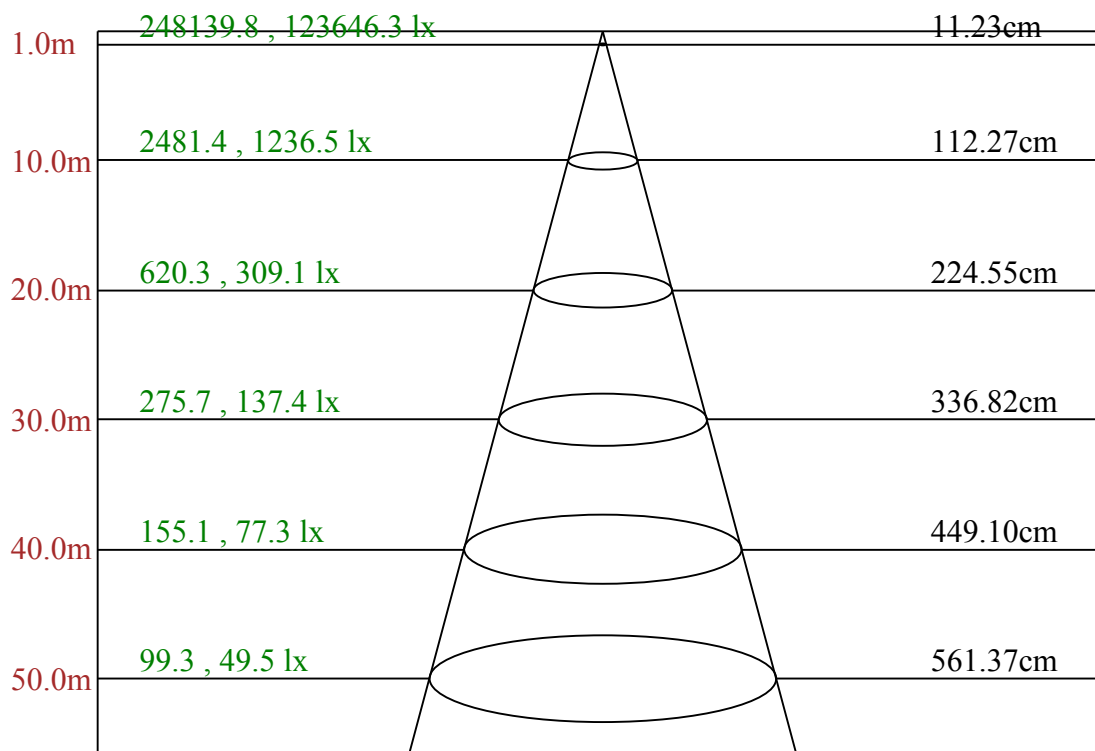
测试设备: GMS-1800
环境温度(°C): 25.0

测试日期: 2023/2/17
环境湿度(%): 60.0%

测试人员: 安培楼
测试距离(m): 9.30

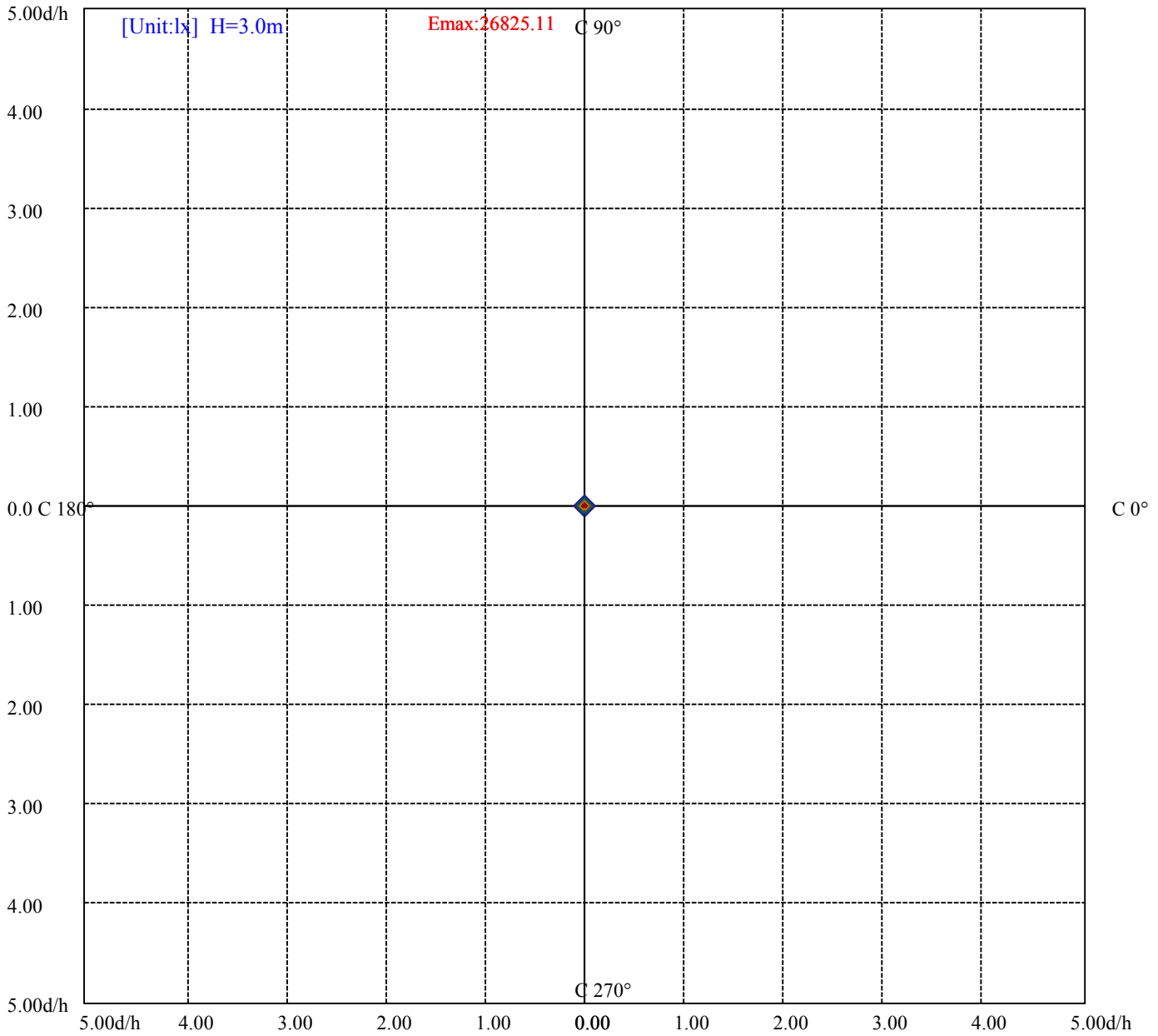


C30(Max): ————
C0/C180: ————
C90/C270: ————



Max , Ave C30面光束角6.43

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平面等照度曲线



- (10%E_{max}) 2682.511
- (20%E_{max}) 5365.011
- (30%E_{max}) 8047.522
- (40%E_{max}) 10730.02
- (50%E_{max}) 13412.56
- (60%E_{max}) 16095
- (70%E_{max}) 18777.55
- (80%E_{max}) 21460
- (90%E_{max}) 24142.55

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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

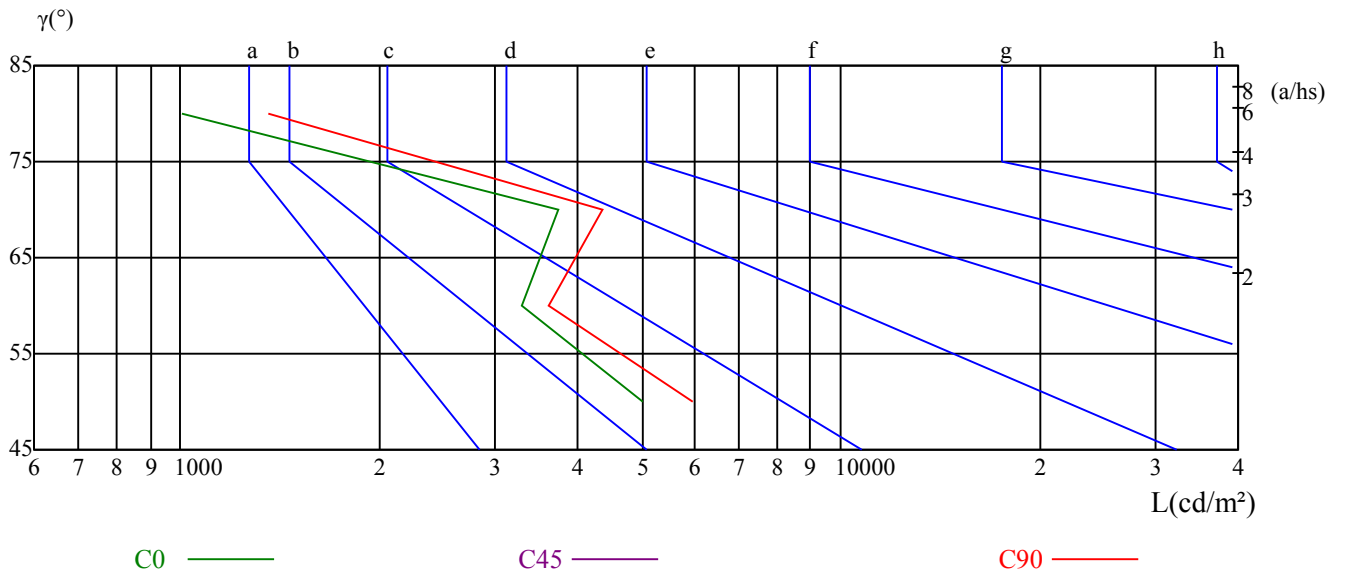
γ	45	50	55	60	65	70	75	80	85
C0	0	5016	0	3296	0	3726	0	1002	0
C45	0	0	0	0	0	0	0	0	0
C90	0	5987	0	3623	0	4354	0	1356	0

L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
298502	311066	0	206079	210350	0	12683	12683	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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ROLED 投光灯

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	221500.89	61580.88	18249.39	9012.26	4999.12	3125.75	2078.35	1531.74	1168.48
30.0	248139.81	116329.05	26396.75	11719.40	6253.23	4419.64	2479.67	1799.86	1365.68
60.0	234733.86	107775.19	25203.19	11413.22	6199.60	3693.99	2484.86	1707.92	1367.75
90.0	208181.43	140286.78	44715.33	14218.96	7317.05	4385.04	2806.60	1973.70	1501.47
120.0	222711.75	143616.65	29908.24	13987.16	7182.99	4314.12	2801.41	1979.76	1533.81
150.0	168793.88	189759.06	46445.13	16415.80	8441.42	4756.95	2983.91	2098.25	1562.01
180.0	221500.89	170973.43	38021.00	15044.94	7701.07	4351.31	2749.52	1811.10	1443.26
210.0	248139.81	130331.78	29164.43	12862.79	6641.57	3981.13	2575.67	1719.68	1384.27
240.0	234733.86	132416.19	33618.66	12169.14	6573.24	4376.39	2467.56	1772.18	1339.73
270.0	208181.43	78074.52	16650.19	9460.28	5291.46	3191.48	2110.36	1542.81	1205.50
300.0	222711.75	71008.29	20402.99	9349.57	5267.24	3160.34	2075.76	1517.03	1171.07
330.0	168793.88	47906.81	16258.39	8217.41	4592.62	2837.74	1714.92	1451.82	1111.66
360.0	221500.89	61580.88	18249.39	9012.26	4999.12	3125.75	2078.35	1531.74	1168.48
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	896.90	679.81	512.02	437.64	323.56	272.10	232.31	194.43	165.80
30.0	1039.61	796.57	588.13	458.40	369.57	306.43	255.40	221.24	194.60
60.0	1028.54	782.73	585.71	451.65	362.48	297.09	257.91	219.51	186.47
90.0	1139.07	859.71	640.89	492.13	388.17	320.88	268.21	225.05	194.26
120.0	1172.20	884.45	662.51	508.56	396.04	329.35	274.95	231.10	197.02
150.0	1206.54	912.47	685.00	517.21	437.64	333.33	275.64	236.20	205.85
180.0	1100.67	827.62	630.60	483.39	384.28	311.36	263.88	226.34	193.31
210.0	1065.38	805.83	617.28	477.17	384.19	319.15	264.05	225.57	191.92
240.0	1032.69	799.17	610.62	476.56	370.96	308.60	258.35	221.93	187.51
270.0	928.47	714.84	541.60	423.20	345.61	289.57	238.11	204.12	181.02
300.0	890.85	677.22	520.67	441.10	327.36	270.97	236.90	204.46	170.30
330.0	858.07	646.43	490.48	388.69	318.54	264.23	222.97	197.37	164.59
360.0	896.90	679.81	512.02	437.64	323.56	272.10	232.31	194.43	165.80
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	143.57	126.10	110.79	95.83	84.50	73.26	63.48	54.49	45.06
30.0	170.73	144.44	122.64	106.38	92.28	80.95	71.35	62.10	53.19
60.0	158.19	138.30	119.88	104.31	91.07	79.22	71.01	63.48	56.30
90.0	168.31	146.86	127.66	110.71	95.48	83.29	73.78	65.04	55.70
120.0	168.57	146.25	127.66	110.45	95.14	83.72	73.86	65.47	56.22
150.0	183.88	154.82	129.91	111.57	96.78	84.33	74.29	66.25	56.48
180.0	162.95	140.81	123.59	107.25	92.63	80.44	71.09	62.71	54.66
210.0	166.32	145.82	128.09	110.27	95.05	83.12	73.34	63.66	54.23
240.0	160.01	142.10	124.29	108.37	93.50	81.91	71.44	62.36	53.54
270.0	156.81	133.80	115.29	99.81	86.32	75.77	67.38	59.25	50.68
300.0	145.13	125.84	109.15	95.14	81.82	71.27	63.92	56.82	49.47
330.0	144.78	128.78	112.87	94.53	81.47	71.61	63.05	54.75	46.10
360.0	143.57	126.10	110.79	95.83	84.50	73.26	63.48	54.49	45.06
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	38.49	33.21	30.01	27.85	25.08	22.92	22.49	22.66	21.54
30.0	45.49	39.27	35.20	32.43	30.88	28.97	26.98	24.04	25.26
60.0	48.95	40.13	35.89	32.95	31.91	30.96	27.16	25.69	29.58
90.0	46.62	39.35	33.82	30.62	28.46	26.29	26.64	26.73	25.17
120.0	47.40	40.48	35.20	30.70	27.94	26.21	24.65	24.39	27.68
150.0	47.83	41.52	36.59	33.30	32.09	31.05	30.36	25.34	24.48
180.0	47.57	39.87	34.34	31.48	30.10	29.41	26.81	25.00	26.81
210.0	46.88	40.39	35.98	32.69	30.53	29.15	27.24	26.38	26.47
240.0	45.23	38.66	33.90	30.36	27.76	26.12	23.70	23.35	24.48
270.0	42.73	35.11	30.88	29.15	26.64	26.12	22.31	19.89	20.24
300.0	43.07	35.98	31.74	28.46	26.90	25.51	21.36	19.72	20.33
330.0	39.18	34.42	30.88	28.02	26.03	26.03	23.87	23.53	26.64
360.0	38.49	33.21	30.01	27.85	25.08	22.92	22.49	22.66	21.54

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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	25.95	26.03	15.40	9.69	2.94	0.35	0.35	0.26	0.35
30.0	26.64	29.75	23.18	9.34	2.77	1.04	0.26	0.26	0.26
60.0	25.00	23.87	17.64	9.25	5.10	1.73	0.35	0.35	0.26
90.0	27.33	18.16	16.00	11.24	3.98	2.08	0.26	0.26	0.26
120.0	35.29	34.08	25.43	14.53	6.05	1.90	0.35	0.35	0.26
150.0	26.03	26.47	22.92	11.94	2.85	1.90	0.43	0.35	0.26
180.0	24.22	20.41	13.41	8.39	4.76	1.82	0.35	0.35	0.26
210.0	28.20	24.39	19.11	9.69	3.81	1.73	0.43	0.35	0.35
240.0	27.50	23.18	19.72	14.27	5.02	1.04	0.35	0.35	0.26
270.0	16.52	14.88	14.88	10.21	2.16	0.43	0.35	0.26	0.26
300.0	17.64	10.03	9.51	7.78	4.41	1.04	0.35	0.35	0.26
330.0	26.12	22.14	12.89	4.84	2.51	0.43	0.26	0.43	0.26
360.0	25.95	26.03	15.40	9.69	2.94	0.35	0.35	0.26	0.35

C/γ(°)	90.0
0.0	0.26
30.0	0.26
60.0	0.26
90.0	0.26
120.0	0.35
150.0	0.26
180.0	0.26
210.0	0.17
240.0	0.26
270.0	0.26
300.0	0.26
330.0	0.26
360.0	0.26