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ROLED

灯具名称: 投光灯
灯具描述: FWK2311C1.8-6-UN(10-XPG-6WN-AJ.P1)
报告编号: 电压(V): 219.9000
测试编号: 20221220003 电流(A): 0.1970
光源规格型号: XPG 功率(W): 39.4000
每个光源光通量(lm) 功率因数: 0.9110
光源数量: 6 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

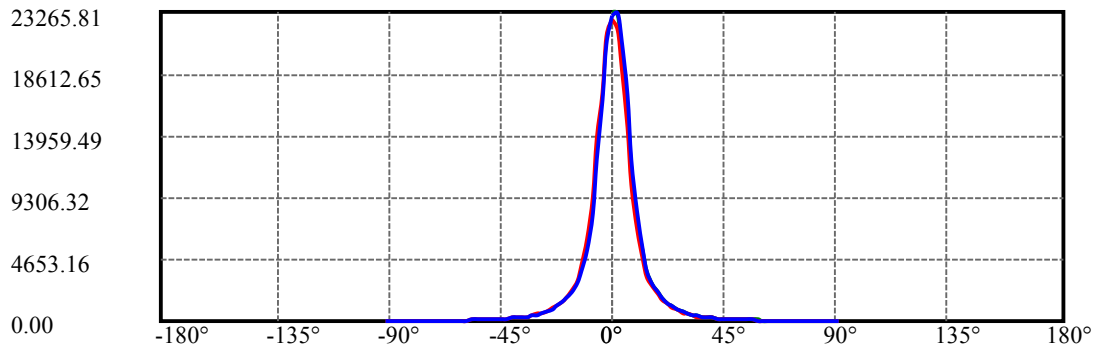
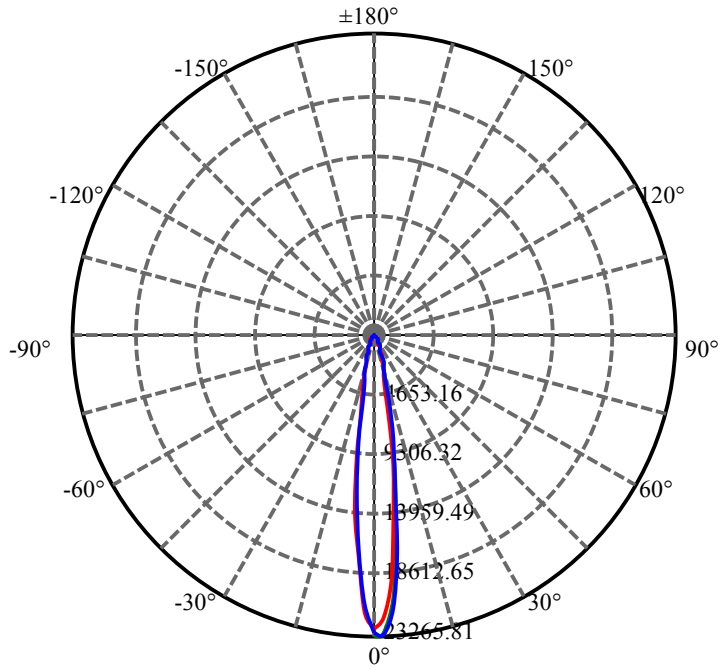
光度结果

灯具光通量(lm): 3015.68
灯具效能(lm/w): 76.54
中心光强(cd): 22703.630
最大光强(cd): 23265.810
最大光强角度: $C=30.0 \gamma=0.0$
半峰边角(50%Imax): [C0/180]Total=14.6
 [C90/270]Total=14.7
光束扩散角(10%Imax): [C0/180]Total=33.3
 [C90/270]Total=33.5

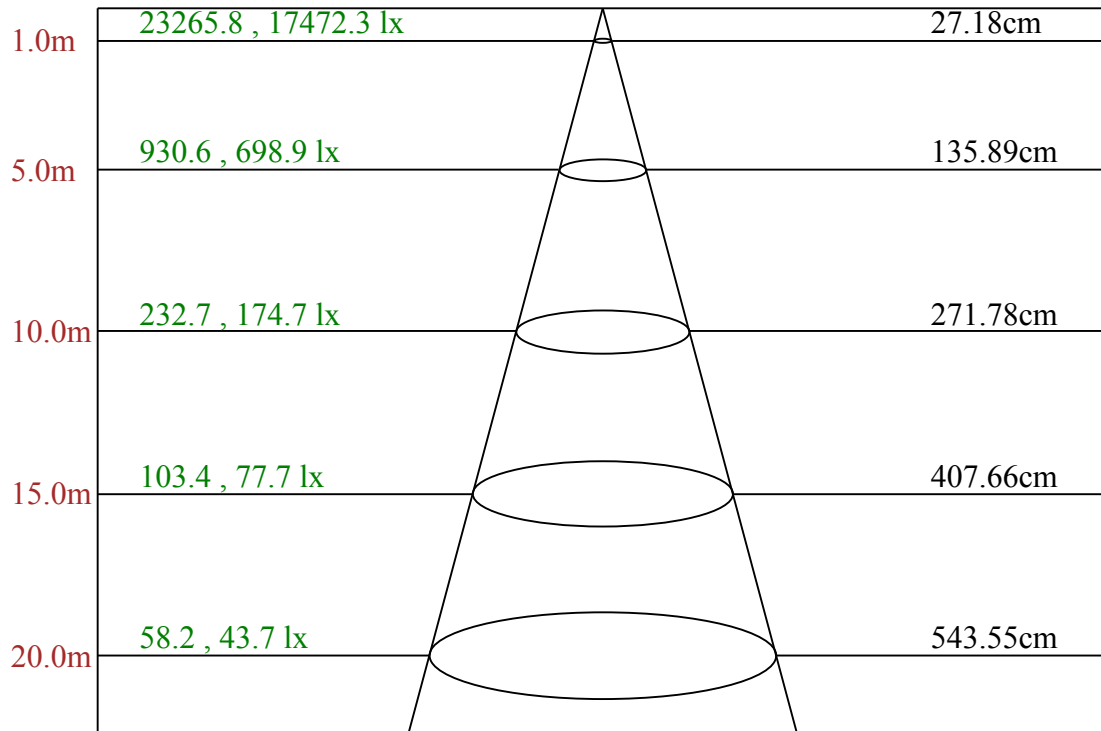
测试设备: GMS-1800
环境温度(°C): 25.0

测试日期: 2022/12/20
环境湿度(%): 60.0%

测试人员: 安培楼
测试距离(m): 9.30

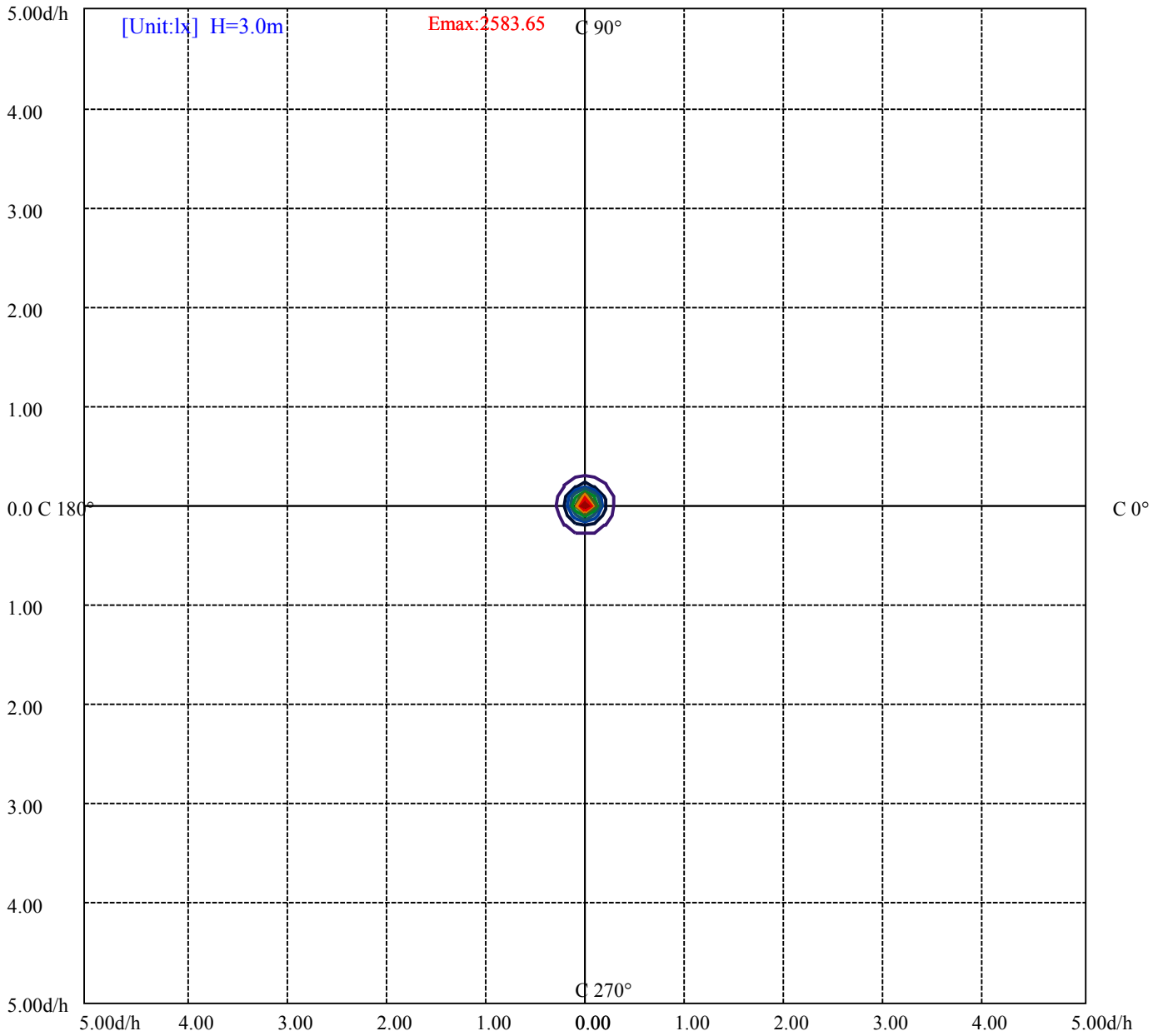


C30(Max): —
C0/C180: —
C90/C270: —



Max, Ave C30面光束角15.48

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平面等照度曲线



- (10%Emax) 258.3644
- (20%Emax) 516.7289
- (30%Emax) 775.0933
- (40%Emax) 1033.459
- (50%Emax) 1291.822
- (60%Emax) 1550.189
- (70%Emax) 1808.556
- (80%Emax) 2066.922
- (90%Emax) 2325.278

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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

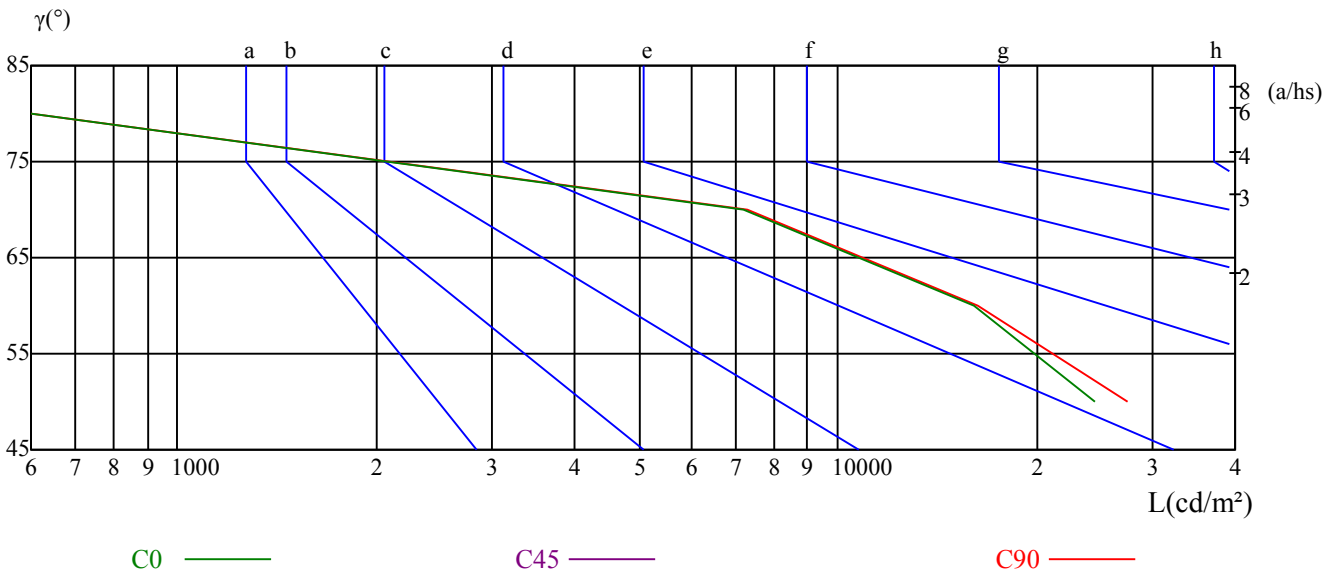
γ	45	50	55	60	65	70	75	80	85
C0	0	24490	0	16113	0	7210	0	414	0
C45	0	0	0	0	0	0	0	0	0
C90	0	27488	0	16304	0	7315	0	345	0

L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
74723	82074	0	40008	39985	0	29668	29668	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: 2022/12/20
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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	22703.63	21812.78	19010.50	14564.92	10188.52	6901.90	4627.22	3363.60	2544.54
30.0	23265.81	22928.50	20333.80	16095.79	11356.14	7515.98	5180.75	3687.07	2797.95
60.0	23239.86	22937.15	20377.04	16324.12	11472.90	7589.50	5190.26	3653.34	2770.27
90.0	22971.74	23153.37	21043.02	17047.18	12186.44	8199.25	5414.27	3820.26	2809.20
120.0	22997.69	22703.63	20152.17	15875.24	11290.40	7399.22	4911.77	3499.39	2612.86
150.0	22798.76	22349.02	19866.75	15680.64	10992.88	7195.97	4886.69	3438.84	2567.02
180.0	22703.63	21354.38	17202.86	13779.59	9353.89	6267.07	4258.77	3059.15	2355.99
210.0	23265.81	21449.52	17144.91	13154.26	8915.39	5850.18	4118.65	3028.01	2314.47
240.0	23239.86	21319.79	17704.50	12921.61	8951.72	5933.21	4393.69	3032.34	2367.23
270.0	22971.74	20757.60	16601.76	12117.25	8132.65	5387.46	3799.51	2887.90	2232.31
300.0	22997.69	21233.30	17505.58	12990.80	8830.63	5872.67	4445.59	3071.26	2374.15
330.0	22798.76	21181.40	17258.21	12893.06	8931.82	5913.32	4120.38	3053.96	2379.34
360.0	22703.63	21812.78	19010.50	14564.92	10188.52	6901.90	4627.22	3363.60	2544.54
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	1997.05	1583.63	1269.67	1002.42	806.95	647.81	530.18	439.37	360.92
30.0	2176.09	1734.12	1372.60	1092.37	872.68	700.57	573.43	469.64	392.32
60.0	2126.79	1703.68	1352.18	1089.69	869.40	699.62	574.64	471.11	390.07
90.0	2191.66	1722.02	1363.95	1090.64	872.68	710.08	577.75	479.15	398.98
120.0	2031.65	1610.27	1296.66	1036.76	839.99	678.51	554.40	456.93	383.93
150.0	2022.14	1597.47	1269.67	1014.53	822.52	662.51	547.48	451.48	377.44
180.0	1724.35	1467.56	1168.57	946.29	760.33	623.59	506.83	422.94	352.97
210.0	1718.73	1481.14	1190.10	952.17	768.72	622.38	517.82	431.07	360.23
240.0	1856.08	1484.17	1196.16	947.07	772.36	620.13	512.89	439.37	364.04
270.0	1724.52	1437.98	1140.37	922.59	745.02	603.01	496.80	417.31	348.73
300.0	1867.32	1508.39	1200.48	963.50	769.76	628.78	512.02	440.23	358.41
330.0	1811.97	1518.68	1202.64	959.69	770.28	625.76	510.72	421.64	352.79
360.0	1997.05	1583.63	1269.67	1002.42	806.95	647.81	530.18	439.37	360.92
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	303.23	257.91	223.49	192.70	169.35	147.12	127.83	113.73	100.67
30.0	327.80	277.81	238.89	209.48	183.88	161.74	143.05	126.28	112.00
60.0	327.36	280.57	242.09	213.20	187.60	165.80	147.64	132.68	118.49
90.0	334.37	283.51	245.72	214.32	188.63	167.01	146.08	127.66	110.10
120.0	323.04	274.61	238.80	208.79	185.00	162.69	145.91	130.69	116.42
150.0	320.79	273.31	235.77	206.02	182.41	160.87	142.79	125.84	111.05
180.0	300.12	255.49	220.46	192.96	167.62	146.08	127.66	113.22	100.07
210.0	308.16	264.57	230.67	201.26	179.03	157.84	140.63	124.37	109.24
240.0	307.64	265.01	229.89	202.99	179.81	159.83	143.40	127.92	114.25
270.0	296.66	257.31	223.06	196.25	172.81	151.88	132.33	115.12	98.86
300.0	301.42	260.68	226.08	197.54	174.54	155.42	138.47	124.03	110.10
330.0	297.70	254.97	221.67	194.26	171.08	150.58	134.15	118.84	105.17
360.0	303.23	257.91	223.49	192.70	169.35	147.12	127.83	113.73	100.67
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	89.86	78.62	68.24	58.21	48.95	39.01	30.19	23.78	17.82
30.0	98.60	88.05	77.67	68.15	56.13	44.72	35.03	25.26	18.68
60.0	104.91	92.54	80.09	68.85	57.69	46.53	36.93	28.80	21.10
90.0	95.05	81.82	70.06	58.90	50.16	43.33	35.29	27.24	18.08
120.0	102.75	88.74	76.89	64.61	53.45	42.38	34.51	26.29	18.60
150.0	98.17	87.44	75.68	63.48	53.19	42.90	32.09	23.96	16.35
180.0	88.83	76.63	66.16	55.35	45.49	36.24	28.11	21.19	15.48
210.0	97.39	86.23	75.42	63.14	51.03	40.13	29.67	21.45	15.40
240.0	100.24	87.35	75.16	63.57	52.67	41.26	32.52	23.96	17.21
270.0	85.37	73.43	61.75	52.50	44.80	37.02	28.54	19.55	11.68
300.0	95.57	82.94	71.09	60.37	49.39	39.61	31.48	23.35	16.00
330.0	93.50	83.03	71.09	60.54	50.08	39.61	29.75	21.71	14.88
360.0	89.86	78.62	68.24	58.21	48.95	39.01	30.19	23.78	17.82

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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	11.59	5.36	1.90	0.52	0.52	0.35	0.35	0.26	0.09
30.0	13.06	8.48	3.98	1.12	0.52	0.35	0.35	0.26	0.09
60.0	14.36	7.52	3.63	1.12	0.43	0.43	0.35	0.26	0.17
90.0	11.33	7.78	2.34	0.52	0.43	0.43	0.35	0.26	0.17
120.0	12.54	7.18	3.20	0.86	0.43	0.52	0.35	0.26	0.17
150.0	11.42	7.96	3.72	0.69	0.52	0.43	0.35	0.26	0.09
180.0	9.34	4.15	0.86	0.52	0.35	0.35	0.35	0.17	0.09
210.0	10.12	5.28	2.34	0.61	0.43	0.35	0.35	0.26	0.35
240.0	9.86	5.02	1.99	0.52	0.43	0.35	0.43	0.17	0.09
270.0	7.87	3.11	0.61	0.43	0.43	0.43	0.35	0.26	0.00
300.0	9.69	5.62	1.64	0.52	0.43	0.43	0.35	0.17	0.09
330.0	10.21	6.92	2.08	0.61	0.43	0.43	0.35	0.26	0.17
360.0	11.59	5.36	1.90	0.52	0.52	0.35	0.35	0.26	0.09

C/γ(°)	90.0
0.0	0.00
30.0	0.00
60.0	0.00
90.0	0.09
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