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ROLED

灯具名称: 投光灯
灯具描述: FWK2311C1.8-6-24DC(10-XPG-6WN-AJ.P1)
报告编号: 电压(V): 23.8000
测试编号: 20221219004 电流(A): 1.5130
光源规格型号: XPG 功率(W): 36.1000
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): 85 发光面宽度 (mm): 85
测试模式: C 发光面高度(mm): 0

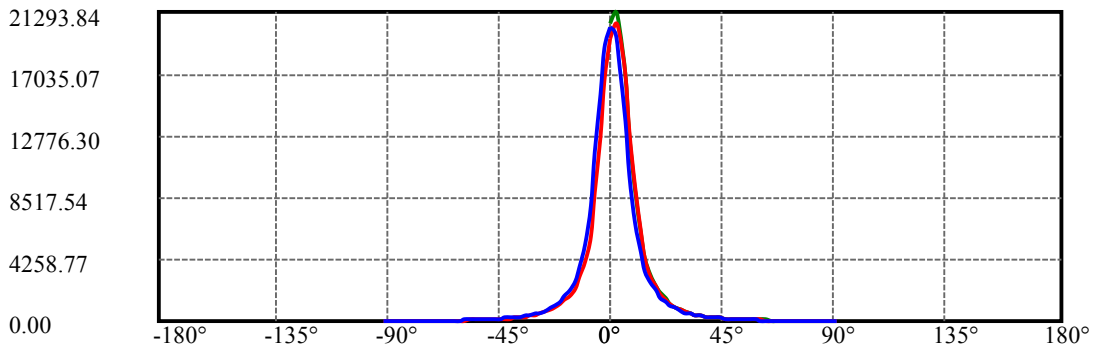
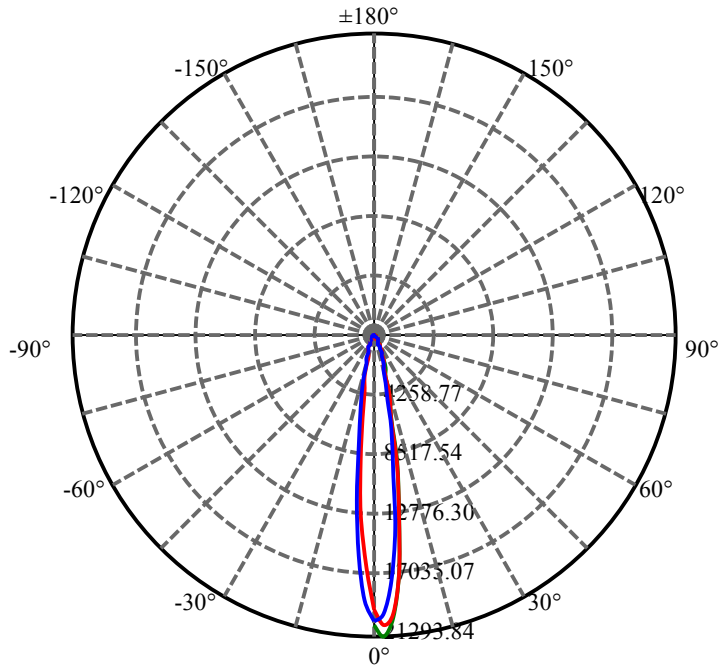
光度结果

灯具光通量(lm): 2871.94
灯具效能(lm/w): 79.56
中心光强(cd): 19460.250
最大光强(cd): 21293.840
最大光强角度: $C=30.0 \gamma=2.0$
半峰边角(50%Imax): [C0/180]Total=15.3
 [C90/270]Total=14.8
光束扩散角(10%Imax): [C0/180]Total=34.8
 [C90/270]Total=34.7

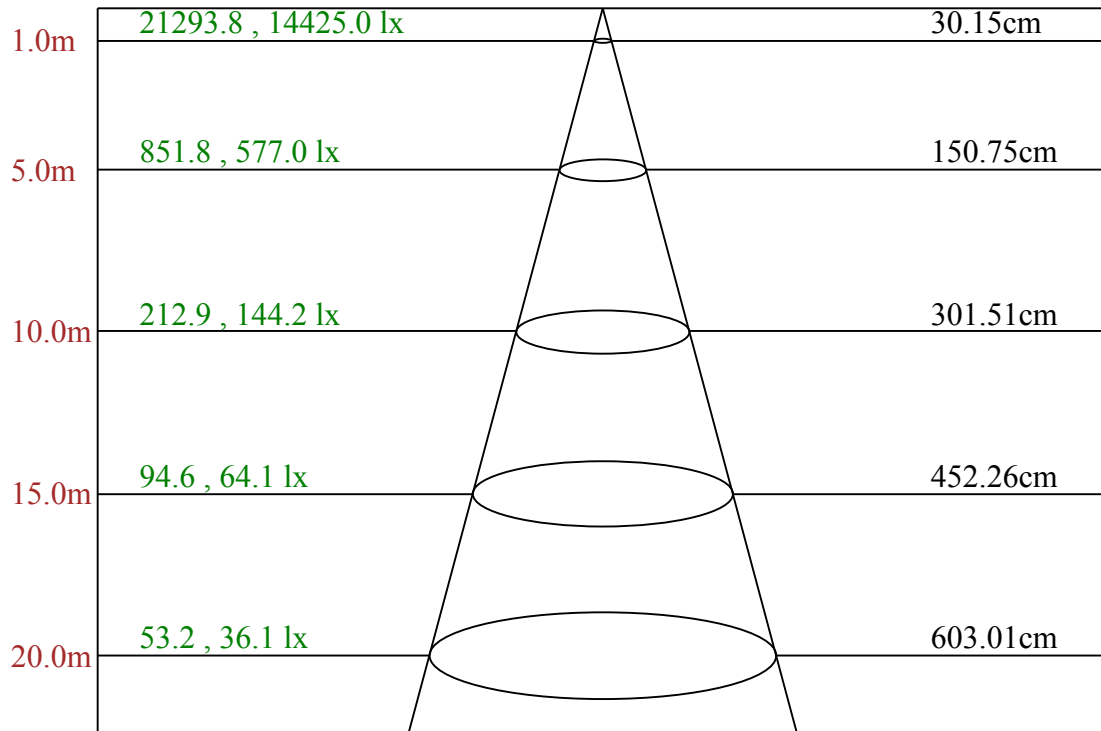
测试设备: GMS-1800
环境温度(°C): 25.0

测试日期: 2022/12/19
环境湿度(%): 60.0%

测试人员: 安培楼
测试距离(m): 9.30

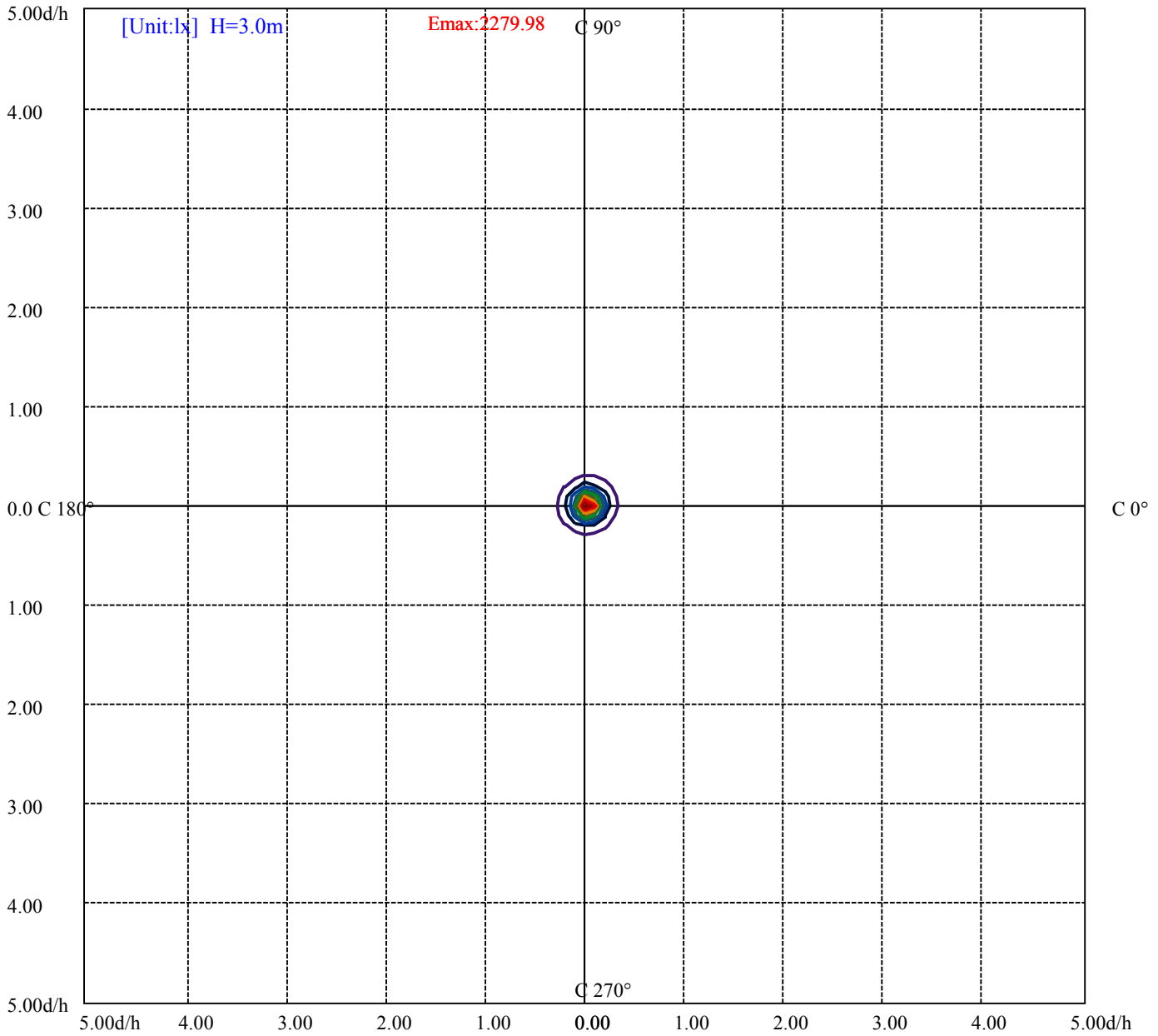


C30(Max): ————
C0/C180: ————
C90/C270: ————



Max , Ave C30面光束角17.13

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平面等照度曲线



(10%Emax) 227.9978	——
(20%Emax) 455.9955	——
(30%Emax) 683.9933	——
(40%Emax) 911.99	——
(50%Emax) 1139.989	——
(60%Emax) 1367.989	——
(70%Emax) 1595.978	——
(80%Emax) 1823.978	——
(90%Emax) 2051.978	——

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灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

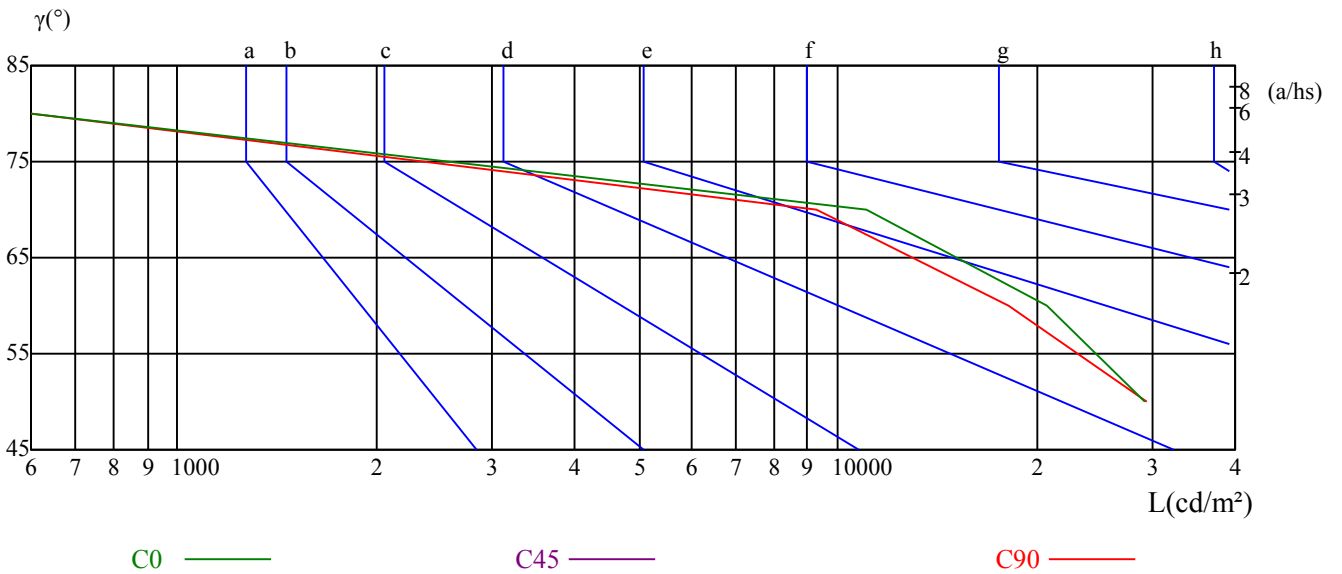
γ	45	50	55	60	65	70	75	80	85
C0	0	29257	0	20734	0	11060	0	483	0
C45	0	0	0	0	0	0	0	0	0
C90	0	29425	0	18100	0	9310	0	414	0

L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
15749	18015	0	3191	4325	0	687	824	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)

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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	19460.25	20550.02	19737.02	16969.34	13085.94	9314.97	6192.68	4393.69	3074.72
30.0	20515.43	21293.84	20048.38	16977.99	12765.92	9029.56	6140.79	4402.34	3168.99
60.0	20524.08	20584.62	18647.24	15313.05	11164.13	7669.93	5336.43	3795.18	2893.09
90.0	20186.77	19719.72	17393.14	13786.51	9989.60	6789.47	4705.06	3459.60	2631.89
120.0	19944.59	17851.54	15088.18	11146.83	7797.07	5333.84	3785.67	2866.28	2233.17
150.0	19866.75	17643.96	14210.31	10292.31	6945.15	4722.35	3455.28	2589.51	2040.30
180.0	19460.25	16476.35	12712.30	8827.17	5882.18	4121.25	2988.23	2272.96	1707.49
210.0	20515.43	17125.02	14070.19	9860.72	6640.70	4575.32	3252.89	2466.69	1917.48
240.0	20524.08	18491.56	15127.10	10906.39	7481.39	5042.37	3509.76	2616.32	2046.35
270.0	20186.77	18768.33	15587.23	11677.88	7999.46	5300.97	3653.34	2738.27	2095.65
300.0	19944.59	19676.48	17531.52	14080.57	10050.14	6728.92	4488.83	3258.08	2444.21
330.0	19866.75	20169.47	18595.35	15196.29	11397.65	7721.83	5121.07	3597.12	2698.49
360.0	19460.25	20550.02	19737.02	16969.34	13085.94	9314.97	6192.68	4393.69	3074.72
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	2351.66	1838.78	1477.25	1171.94	941.88	766.30	614.08	510.29	436.77
30.0	2437.29	1937.38	1524.82	1234.21	988.58	806.09	655.59	538.83	450.61
60.0	2226.25	1722.71	1444.82	1172.72	943.52	762.84	628.26	516.78	430.89
90.0	2099.11	1651.96	1337.14	1076.80	875.28	708.35	581.21	483.48	406.50
120.0	1721.84	1428.04	1161.13	934.26	761.80	620.13	510.12	424.06	361.18
150.0	1623.42	1293.03	1036.15	845.01	684.14	557.00	465.32	390.85	333.42
180.0	1436.17	1142.53	926.05	747.19	606.38	499.13	414.29	350.89	298.22
210.0	1542.46	1235.34	997.40	798.99	652.74	535.55	449.83	379.86	322.35
240.0	1606.98	1281.78	1037.88	828.57	673.76	552.67	460.99	390.50	334.98
270.0	1653.86	1335.92	1066.34	864.21	702.90	573.77	475.26	403.74	341.72
300.0	1891.54	1519.63	1215.18	980.80	782.73	643.49	525.86	440.23	374.24
330.0	2068.84	1647.46	1327.28	1057.60	861.18	686.90	565.99	469.04	395.26
360.0	2351.66	1838.78	1477.25	1171.94	941.88	766.30	614.08	510.29	436.77
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	359.63	306.09	262.15	227.90	199.36	174.28	152.48	135.88	120.39
30.0	382.03	324.68	279.02	244.51	215.01	190.71	169.26	150.67	134.84
60.0	364.38	313.87	271.15	236.64	209.48	185.69	166.15	149.63	134.84
90.0	344.84	295.10	257.65	225.39	199.88	176.87	155.68	136.65	117.63
120.0	308.51	265.87	233.70	205.50	181.97	162.17	146.77	131.98	117.19
150.0	285.42	247.45	216.31	192.01	169.78	150.49	134.32	119.53	106.64
180.0	258.00	223.75	195.55	171.16	150.93	133.02	118.58	106.56	95.14
210.0	279.28	243.73	215.53	189.85	170.30	151.36	135.96	121.43	108.11
240.0	286.89	249.87	219.68	195.55	174.71	157.50	142.62	129.48	117.02
270.0	292.42	255.75	224.10	199.36	176.96	159.31	140.46	124.55	108.37
300.0	317.25	275.21	239.75	209.82	186.56	167.62	150.15	136.83	123.16
330.0	334.54	287.32	249.61	217.52	192.35	170.73	153.00	137.43	123.68
360.0	359.63	306.09	262.15	227.90	199.36	174.28	152.48	135.88	120.39
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	107.94	96.70	86.14	74.90	63.66	52.85	42.73	34.42	27.33
30.0	119.96	107.51	95.66	85.71	74.90	61.84	50.08	39.79	29.67
60.0	120.05	105.95	91.68	79.66	68.15	57.17	45.32	36.41	29.41
90.0	102.92	88.91	76.98	65.39	55.70	48.69	42.90	32.35	23.01
120.0	103.27	89.17	77.24	65.82	54.40	43.07	35.81	29.15	20.67
150.0	95.31	85.71	74.38	63.22	52.93	42.47	33.04	23.44	17.30
180.0	84.33	73.95	61.84	52.33	42.47	34.34	27.85	22.83	15.65
210.0	97.04	86.75	76.63	64.35	53.02	42.81	32.69	24.22	17.82
240.0	102.58	90.12	78.10	67.20	56.05	44.54	35.89	28.71	21.19
270.0	94.27	82.60	70.49	59.76	51.03	45.15	38.06	28.20	19.29
300.0	108.80	95.57	83.38	71.87	61.41	51.55	40.65	33.64	26.47
330.0	109.93	98.43	87.61	77.41	66.86	55.70	44.89	34.94	25.26
360.0	107.94	96.70	86.14	74.90	63.66	52.85	42.73	34.42	27.33

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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	22.23	16.09	8.82	2.85	0.61	0.43	0.43	0.43	0.26
30.0	21.10	15.57	10.03	5.54	1.04	0.52	0.52	0.43	0.26
60.0	21.62	14.70	7.87	3.03	0.61	0.43	0.43	0.26	0.26
90.0	15.48	11.76	4.58	0.61	0.52	0.43	0.43	0.35	0.09
120.0	14.18	7.78	2.77	0.61	0.43	0.43	0.35	0.26	0.09
150.0	12.20	7.44	1.64	0.52	0.52	0.35	0.35	0.17	0.09
180.0	7.61	2.25	0.52	0.52	0.43	0.35	0.17	0.17	0.00
210.0	12.71	6.57	1.82	0.61	0.43	0.52	0.35	0.17	0.00
240.0	14.10	8.04	3.37	0.69	0.52	0.43	0.35	0.26	0.09
270.0	13.15	8.74	1.56	0.61	0.52	0.43	0.35	0.26	0.09
300.0	18.77	12.63	6.92	2.08	0.69	0.52	0.43	0.35	0.26
330.0	18.34	13.15	8.74	3.20	0.61	0.52	0.43	0.35	0.35
360.0	22.23	16.09	8.82	2.85	0.61	0.43	0.43	0.43	0.26
C/γ(°)	90.0								
0.0	0.17								
30.0	0.09								
60.0	0.09								
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	0.09								
330.0	0.09								
360.0	0.17								