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ROLED

灯具名称: 投光灯
灯具描述: FWK2311C1.8-6-24DC(15-XPG-6WN-AJ.P1)
报告编号: 电压(V): 23.9000
测试编号: 20221219005 电流(A): 1.4980
光源规格型号: XPG 功率(W): 35.8000
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

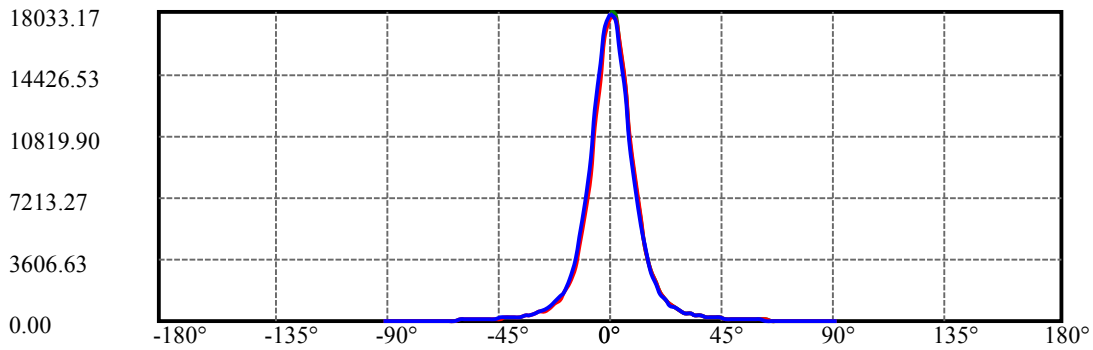
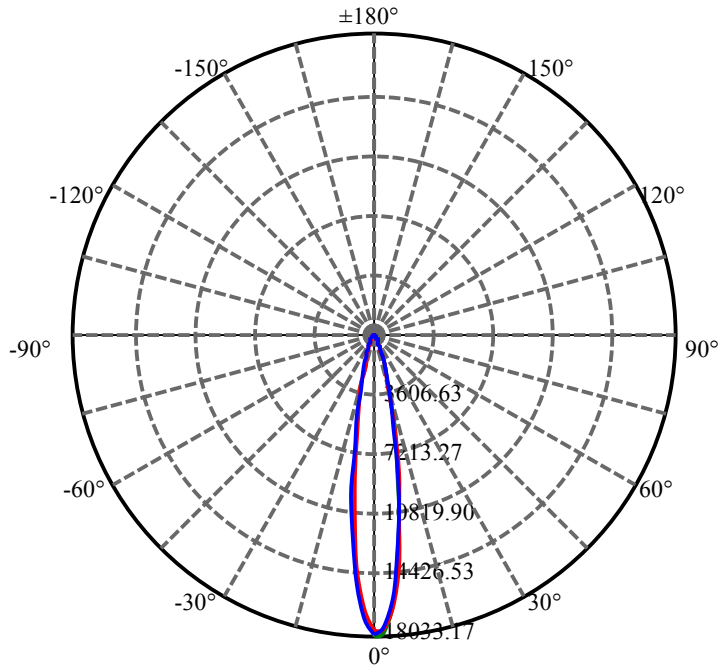
光度结果

灯具光通量(lm): 2907.53
灯具效能(lm/w): 81.22
中心光强(cd): 17695.860
最大光强(cd): 18033.170
最大光强角度: C=30.0 γ =0.0
半峰边角(50%Imax): [C0/180]Total=17.5
 [C90/270]Total=17.5
光束扩散角(10%Imax): [C0/180]Total=37.2
 [C90/270]Total=37.1

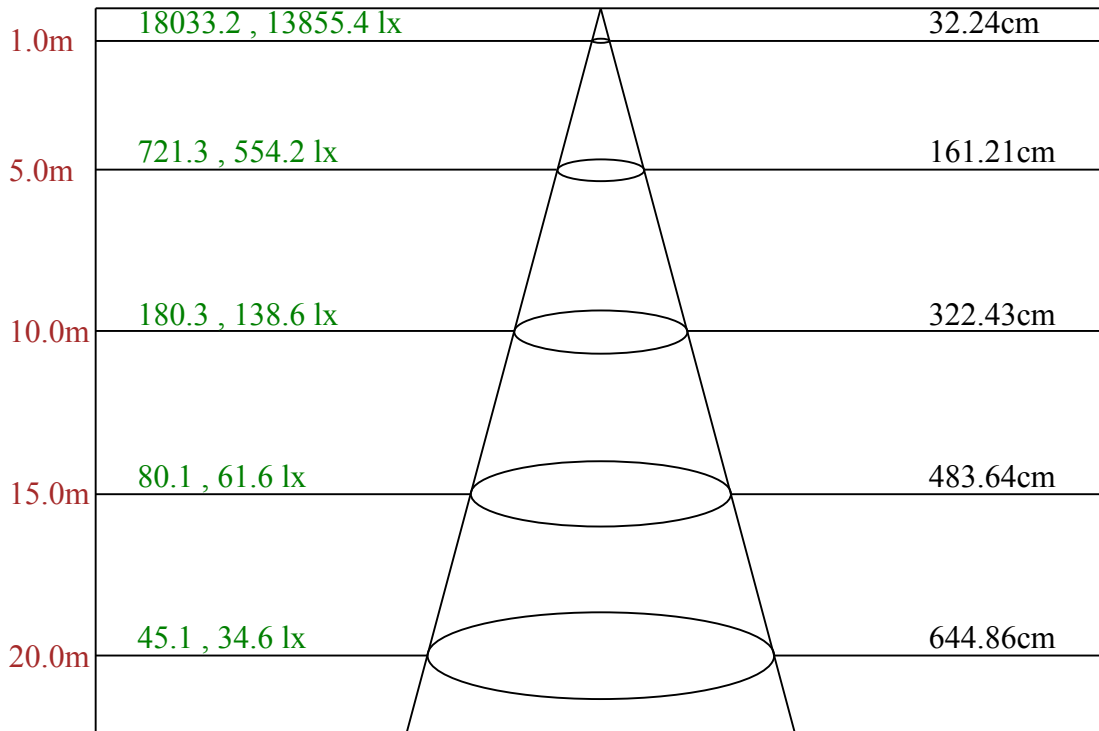
测试设备: GMS-1800
环境温度(°C): 25.0

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

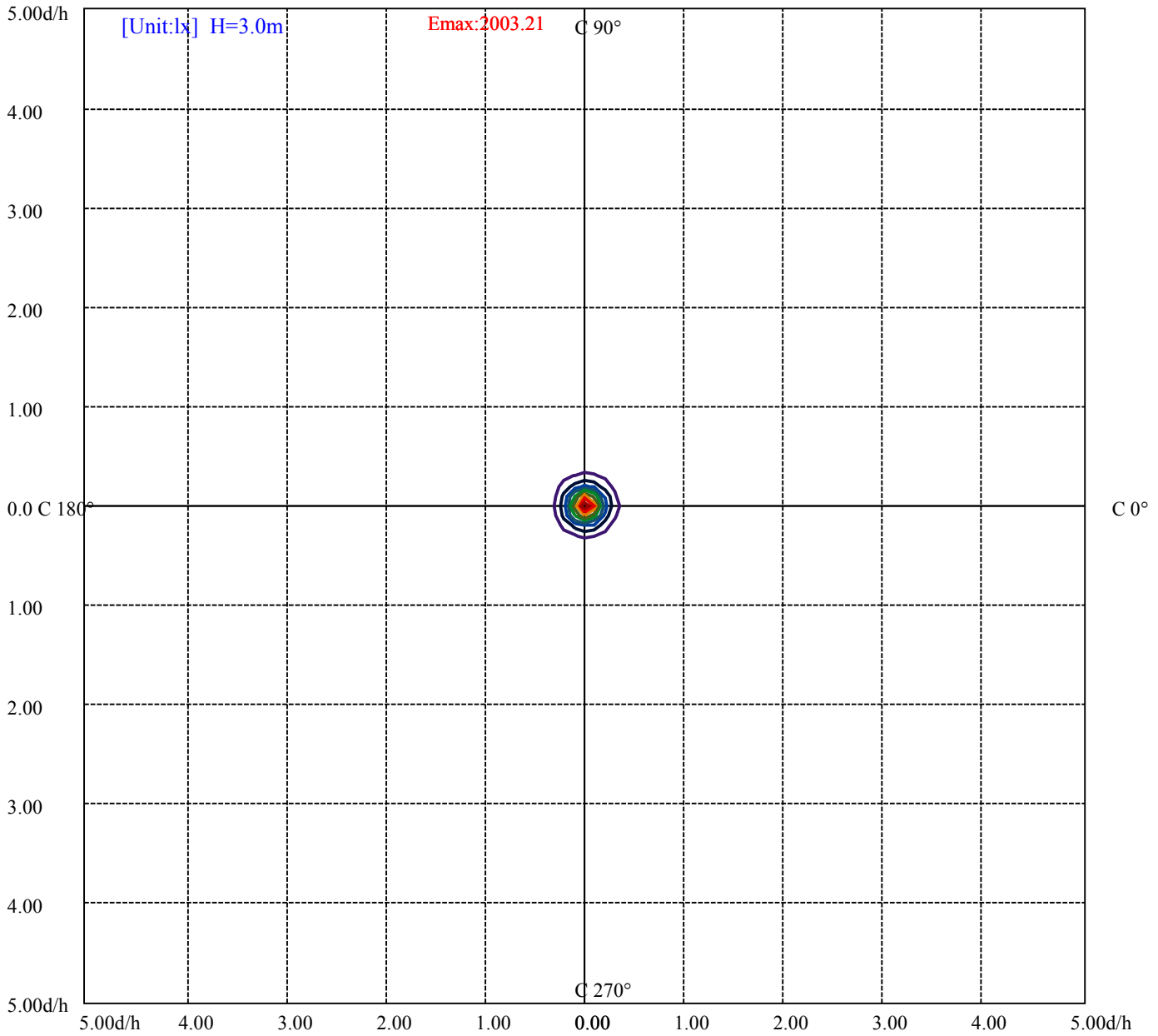


C30(Max): ——
C0/C180: ——
C90/C270: ——



Max, Ave C30面光束角18.31

ROLED 投光灯
平面等照度曲线



- (10%Emax) 200.32
- (20%Emax) 400.64
- (30%Emax) 600.96
- (40%Emax) 801.28
- (50%Emax) 1001.6
- (60%Emax) 1201.922
- (70%Emax) 1402.245
- (80%Emax) 1602.556
- (90%Emax) 1802.878

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灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

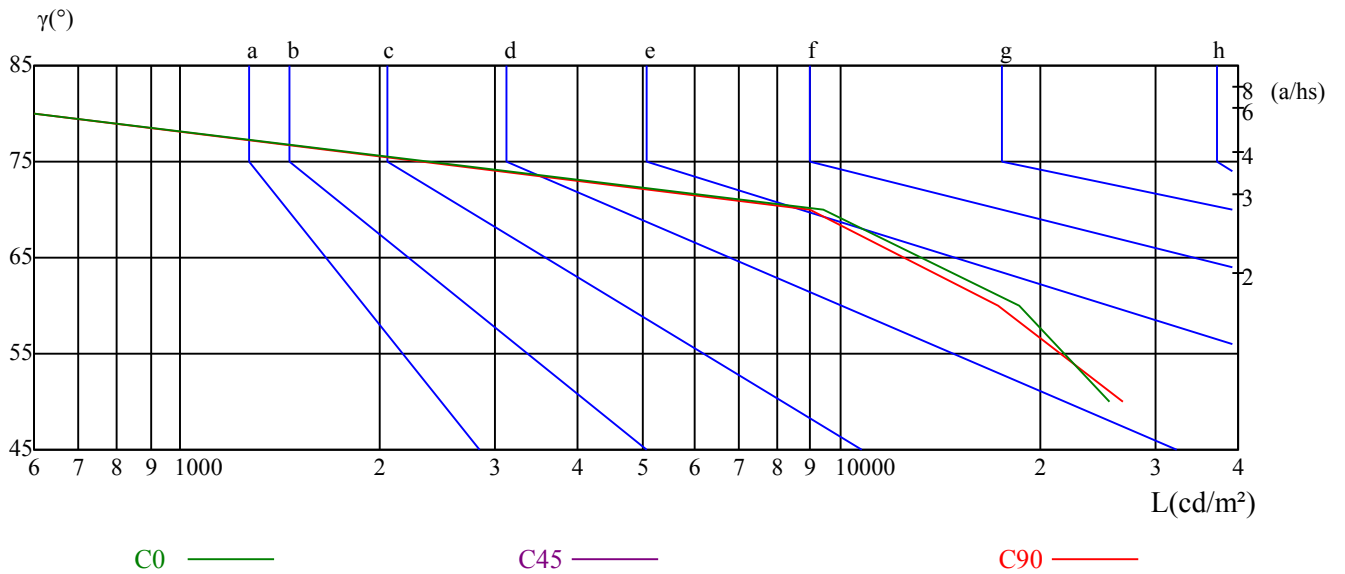
γ	45	50	55	60	65	70	75	80	85
C0	0	25496	0	18651	0	9415	0	414	0
C45	0	0	0	0	0	0	0	0	0
C90	0	26781	0	17334	0	8960	0	414	0

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	17695.85	17609.36	16260.12	13821.10	11010.18	8406.83	6037.00	4419.64	3050.50
30.0	18033.17	17773.70	16130.39	13639.47	10750.71	8147.36	5915.92	4410.99	3029.74
60.0	18024.52	17214.10	15681.50	13200.10	10316.53	7701.93	5638.28	4004.49	2919.90
90.0	17912.08	17479.63	15706.58	13172.43	10456.64	7792.75	5639.15	4436.94	2905.20
120.0	17868.83	16996.15	14944.61	12213.25	9515.63	7015.20	5016.42	3618.74	2612.00
150.0	17825.59	16865.55	14858.98	12186.44	9314.97	6806.76	4947.23	3492.47	2538.48
180.0	17695.85	16453.86	14013.11	11306.84	8501.10	6242.85	4407.53	3108.45	2266.04
210.0	18033.17	16923.50	14797.57	11945.13	9128.15	6729.79	4739.65	3371.38	2401.83
240.0	18024.52	17125.02	15179.00	12402.67	9678.23	7109.48	5025.07	3562.52	2590.38
270.0	17912.08	17038.53	14953.26	12318.77	9504.39	6939.96	4898.79	3540.90	2517.72
300.0	17868.83	17375.84	15611.45	13129.18	10266.36	7637.07	5414.27	4419.64	2799.68
330.0	17825.59	17213.24	15647.77	13039.23	10349.39	7682.91	5469.63	3888.59	2812.65
360.0	17695.85	17609.36	16260.12	13821.10	11010.18	8406.83	6037.00	4419.64	3050.50
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	2221.06	1634.66	1251.51	960.04	755.92	607.16	496.45	439.37	346.13
30.0	2206.36	1645.90	1228.16	966.96	758.52	607.16	501.64	439.37	353.31
60.0	2091.33	1580.69	1206.10	945.77	743.30	598.25	494.72	410.14	346.05
90.0	2153.60	1588.82	1203.94	937.55	736.89	596.78	488.67	425.01	347.00
120.0	1805.05	1439.89	1121.69	875.19	700.83	568.24	466.09	388.86	332.04
150.0	1861.26	1389.89	1067.29	843.28	670.30	542.29	453.21	379.26	324.34
180.0	1668.31	1254.02	972.49	771.66	615.81	508.47	421.55	353.74	301.16
210.0	1713.11	1348.03	1052.06	821.91	656.46	532.78	445.08	375.45	319.49
240.0	1871.64	1402.87	1094.10	851.06	675.49	548.35	454.94	384.88	330.13
270.0	1712.50	1401.05	1074.21	848.12	673.32	545.75	451.05	382.29	324.77
300.0	2017.81	1524.82	1167.62	911.60	712.68	581.21	474.83	401.83	339.99
330.0	2030.79	1546.35	1176.44	910.48	729.20	578.01	477.77	398.29	337.57
360.0	2221.06	1634.66	1251.51	960.04	755.92	607.16	496.45	439.37	346.13
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	294.76	253.50	219.25	190.88	169.35	149.20	132.59	118.40	106.56
30.0	301.07	259.21	224.96	198.93	176.70	158.10	142.62	128.01	115.20
60.0	295.62	256.70	223.32	198.24	176.09	158.10	142.71	129.65	118.40
90.0	296.40	255.40	223.66	197.11	176.18	157.84	140.72	124.37	108.29
120.0	284.55	246.41	216.83	191.32	170.90	153.35	139.51	126.79	113.65
150.0	278.07	240.70	210.34	186.99	166.75	148.85	134.06	120.22	108.11
180.0	260.85	225.65	197.28	173.76	152.74	134.92	120.31	108.80	97.99
210.0	276.34	240.79	212.51	187.68	168.48	150.32	135.62	122.47	109.84
240.0	282.30	245.80	215.36	191.40	171.42	154.56	140.20	128.09	115.98
270.0	278.84	244.42	213.54	189.33	169.35	152.65	134.58	119.44	104.22
300.0	289.57	252.64	220.55	194.00	173.50	156.72	141.41	129.30	116.76
330.0	287.23	248.05	216.57	190.62	169.87	151.88	137.09	123.59	111.83
360.0	294.76	253.50	219.25	190.88	169.35	149.20	132.59	118.40	106.56
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	95.83	87.27	78.71	67.38	56.05	46.27	36.59	28.80	23.27
30.0	103.70	94.01	84.93	76.98	66.68	53.71	42.73	32.95	23.70
60.0	106.56	94.53	82.51	72.13	61.67	51.81	40.48	32.69	25.95
90.0	95.31	83.64	72.74	62.62	53.54	46.70	41.00	30.79	22.14
120.0	101.89	89.08	77.93	66.94	56.74	45.15	36.50	29.67	22.23
150.0	97.47	88.57	78.88	68.33	58.12	47.14	37.62	27.33	19.29
180.0	88.48	79.40	68.07	57.00	47.48	38.66	30.88	25.17	19.98
210.0	99.55	90.30	81.30	71.09	59.42	47.66	37.80	28.89	20.15
240.0	102.49	91.07	79.22	68.33	58.29	47.40	37.28	30.01	23.27
270.0	91.16	80.26	69.11	59.07	50.51	44.54	37.19	27.33	19.03
300.0	103.18	90.47	79.48	68.93	58.73	48.26	37.45	30.53	23.61
330.0	100.33	90.90	81.99	72.22	61.32	50.08	39.27	29.67	20.50
360.0	95.83	87.27	78.71	67.38	56.05	46.27	36.59	28.80	23.27

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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	18.42	10.55	4.50	0.95	0.52	0.43	0.43	0.35	0.17
30.0	16.69	12.11	6.66	2.25	0.52	0.52	0.43	0.26	0.17
60.0	18.25	12.28	6.31	2.08	0.61	0.43	0.35	0.35	0.09
90.0	15.05	11.42	4.41	0.61	0.52	0.43	0.43	0.35	0.17
120.0	15.83	9.08	4.07	0.69	0.61	0.52	0.35	0.26	0.09
150.0	13.67	9.25	3.63	0.61	0.52	0.43	0.35	0.26	0.17
180.0	11.59	4.41	1.04	0.52	0.43	0.43	0.26	0.26	0.00
210.0	14.70	8.74	4.07	0.69	0.43	0.43	0.35	0.17	0.09
240.0	15.65	9.60	5.28	1.04	0.52	0.43	0.35	0.35	0.17
270.0	12.80	8.65	1.82	0.52	0.35	0.43	0.43	0.17	0.09
300.0	16.61	10.47	5.19	1.30	0.52	0.43	0.43	0.35	0.17
330.0	14.79	10.38	5.88	1.21	0.52	0.52	0.43	0.35	0.17
360.0	18.42	10.55	4.50	0.95	0.52	0.43	0.43	0.35	0.17
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								