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## ROLED

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灯具名称: 投光灯  
灯具描述: FWK2311C1.8-6-24DC(20-XPG-6WN-AJ.P1)  
报告编号: 电压(V): 23.6000  
测试编号: 20221219006 电流(A): 1.5310  
光源规格型号: XPG 功率(W): 36.2000  
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

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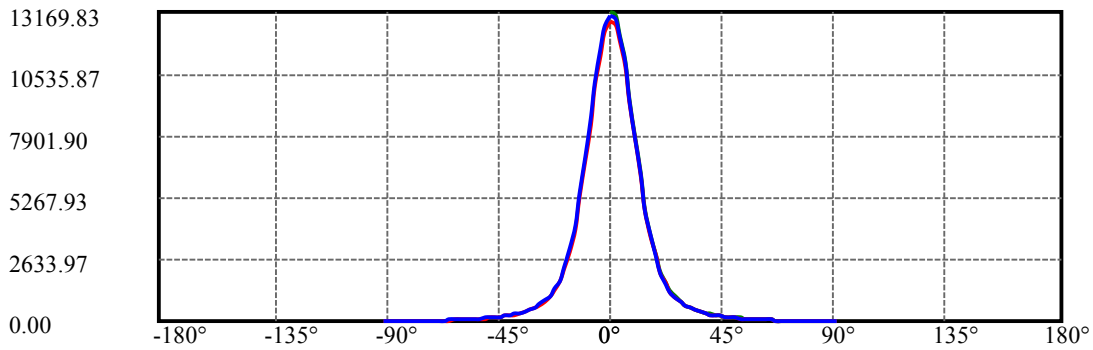
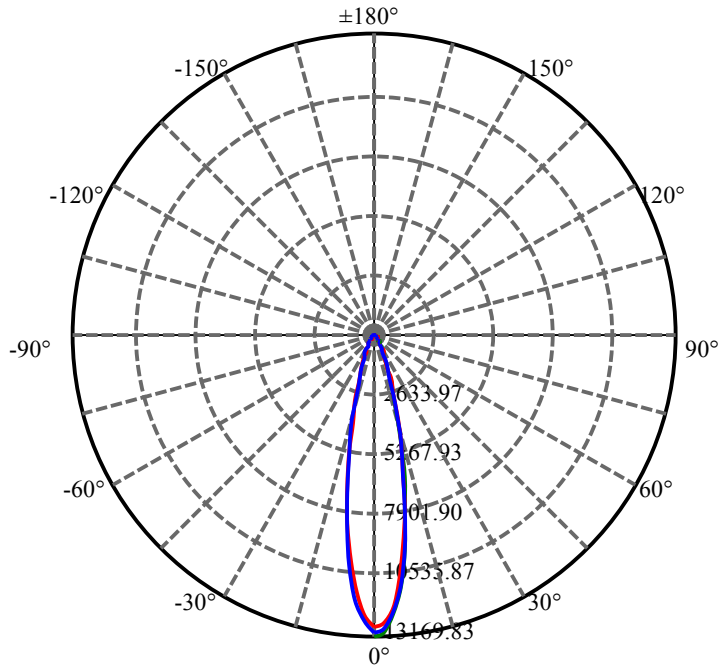
灯具光通量(lm): 3075.11  
灯具效能(lm/w): 84.95  
中心光强(cd): 12736.520  
最大光强(cd): 13169.830  
最大光强角度:  $C=30.0 \gamma=0.0$   
半峰边角(50%Imax): [C0/180]Total=22.2  
                          [C90/270]Total=22.3  
光束扩散角(10%Imax): [C0/180]Total=46.2  
                          [C90/270]Total=46.1

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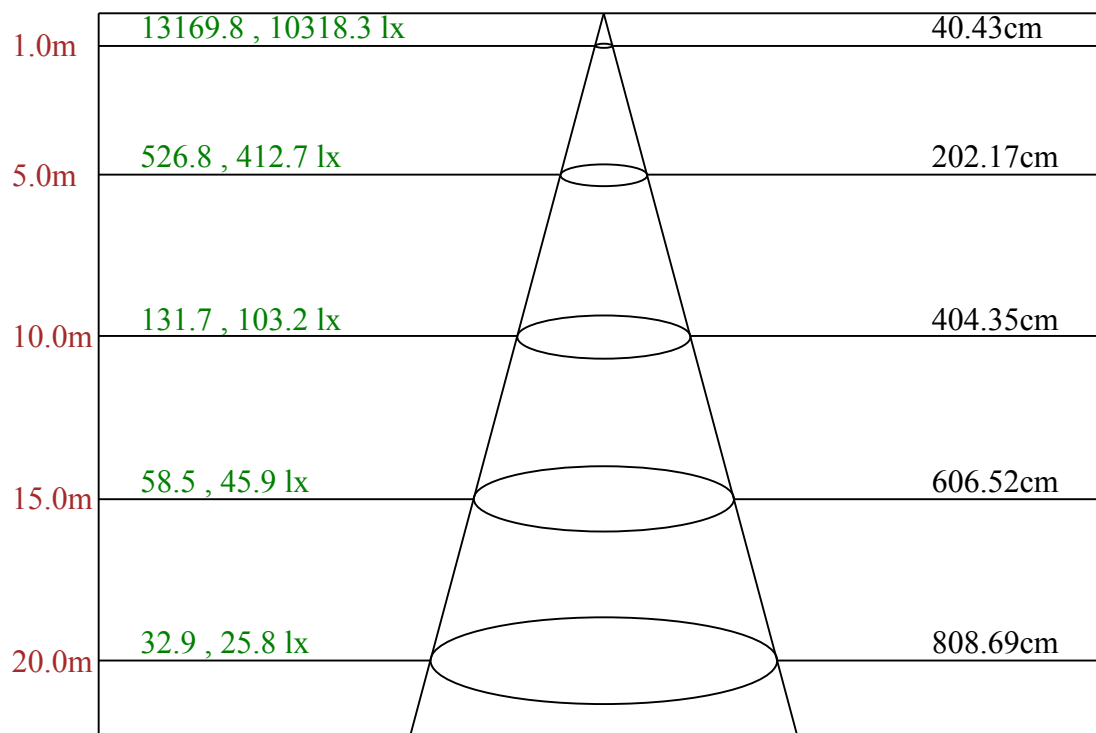
测试设备: GMS-1800  
环境温度(°C): 25.0

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

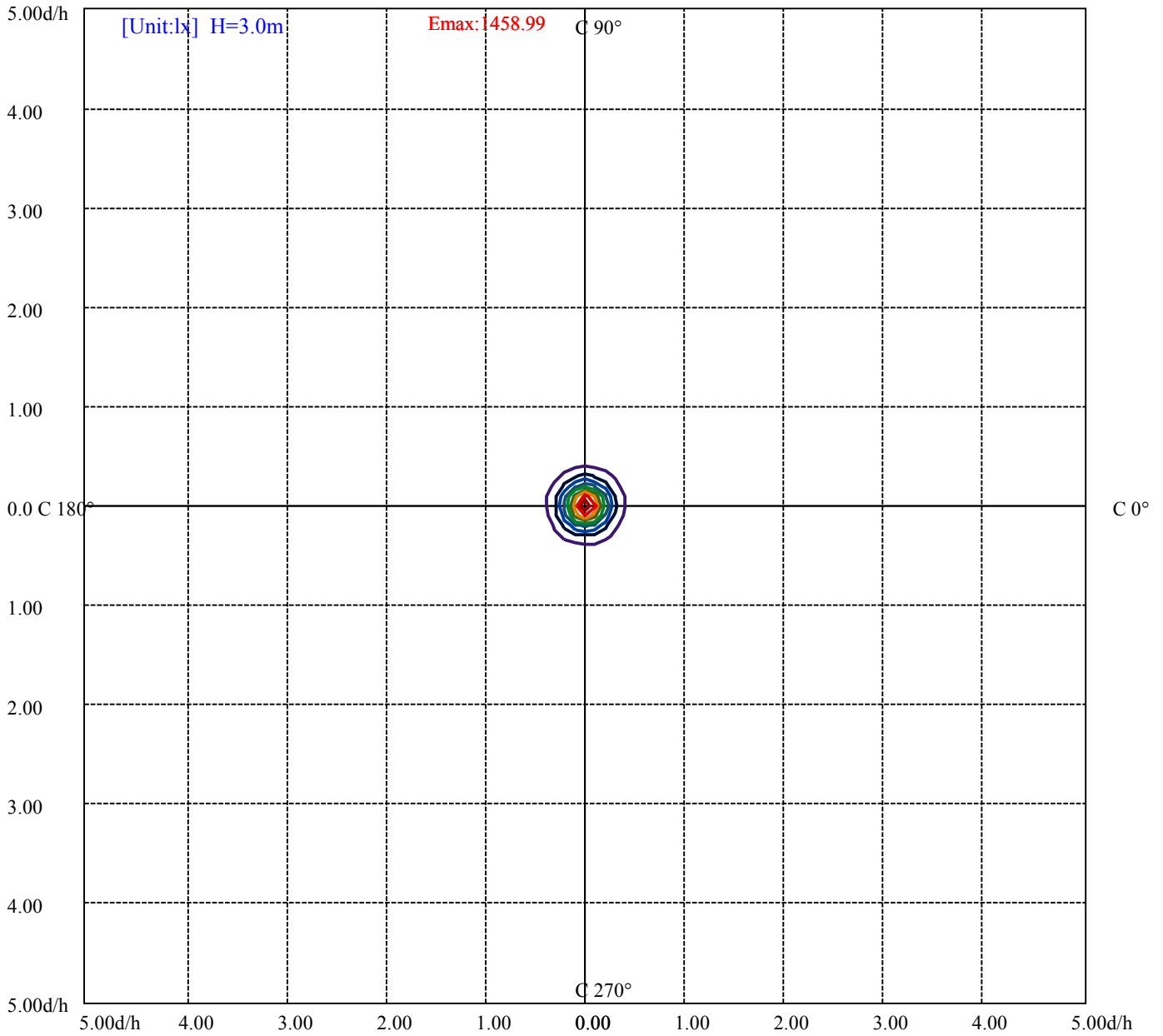


C30(Max): ——  
C0/C180: ——  
C90/C270: ——



Max, Ave C30面光束角22.86

ROLED 投光灯  
平面等照度曲线



(10%Emax) 145.8989	——
(20%Emax) 291.7978	——
(30%Emax) 437.6967	——
(40%Emax) 583.5945	——
(50%Emax) 729.4933	——
(60%Emax) 875.3922	——
(70%Emax) 1021.291	——
(80%Emax) 1167.189	——
(90%Emax) 1313.089	——

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# ROLED 投光灯

## 灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

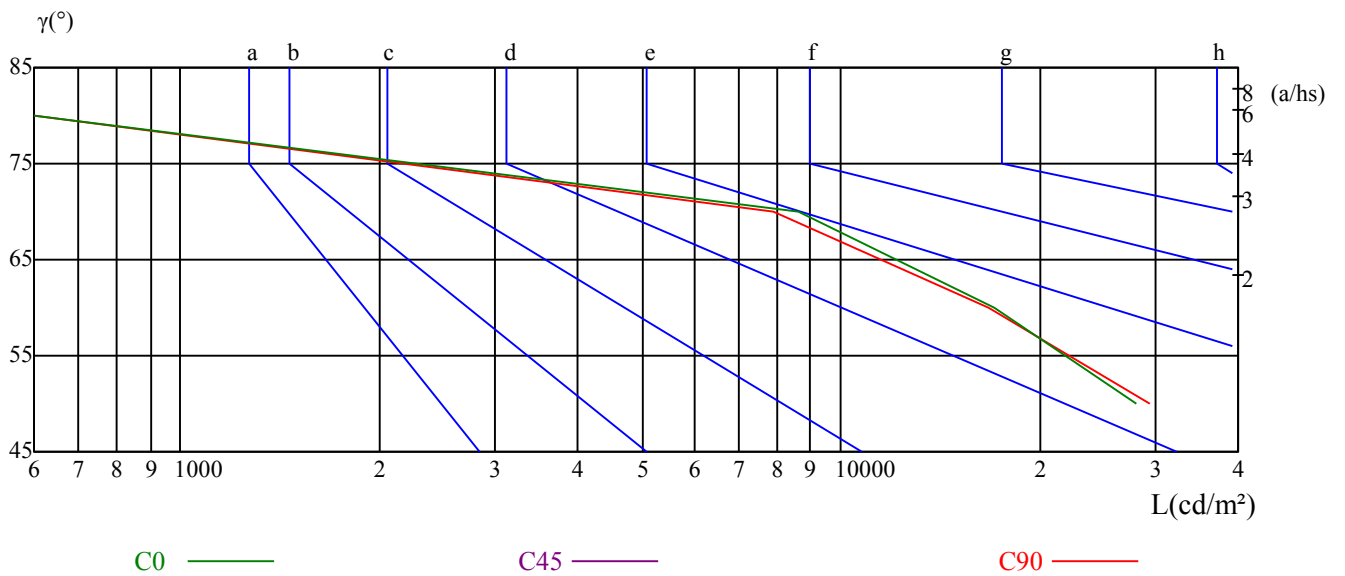
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	27954	0	17071	0	8610	0	414	0
C45	0	0	0	0	0	0	0	0	0
C90	0	29481	0	16735	0	7910	0	345	0

L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
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	12736.52	12591.21	11944.27	10764.55	9289.03	7768.53	6166.74	4770.79	3620.47
30.0	13169.83	12983.88	12217.58	11081.96	9526.01	7844.64	6325.88	4860.74	3719.93
60.0	13091.99	12827.33	12112.06	10870.06	9289.89	7712.31	6108.79	4696.41	3564.25
90.0	12970.91	12840.31	12110.33	10996.34	9442.98	7773.72	6246.31	4775.11	3642.09
120.0	12899.12	12633.59	11764.37	10526.70	8928.36	7349.06	5775.80	4398.88	3350.62
150.0	12813.49	12554.02	11734.10	10479.13	8879.06	7289.38	5720.45	4324.50	3265.00
180.0	12736.52	12267.74	11278.30	9950.67	8316.88	6757.46	5244.75	3951.73	2951.90
210.0	13169.83	12752.95	11824.05	10403.88	8847.06	7128.51	5500.76	4166.22	3136.13
240.0	13091.99	12711.44	11797.24	10481.72	8847.06	7248.73	5638.28	4293.36	3214.83
270.0	12970.91	12517.70	11581.01	10161.71	8644.68	6975.42	5396.98	4099.63	3099.80
300.0	12899.12	12591.21	11785.13	10481.72	8908.47	7355.97	5691.91	4424.83	3335.05
330.0	12813.49	12498.67	11688.26	10385.72	8857.44	7298.03	5722.18	4392.83	3288.35
360.0	12736.52	12591.21	11944.27	10764.55	9289.03	7768.53	6166.74	4770.79	3620.47
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	2747.79	2085.27	1624.28	1259.29	999.82	805.22	659.05	544.02	450.61
30.0	2807.47	2128.52	1639.85	1285.24	1034.42	838.09	692.78	569.97	474.83
60.0	2716.65	2056.73	1613.21	1262.32	1001.90	818.20	671.16	554.57	463.33
90.0	2733.95	2055.00	1571.52	1228.16	985.99	795.71	656.46	539.70	450.61
120.0	2510.80	1812.83	1464.71	1155.59	917.40	750.73	614.68	507.78	425.44
150.0	2439.88	1831.86	1405.46	1116.59	888.25	717.87	594.19	491.26	437.64
180.0	2234.04	1697.19	1307.82	1036.93	826.76	677.22	555.53	460.47	386.18
210.0	2318.80	1721.41	1376.23	1076.20	875.54	702.73	582.16	485.21	411.69
240.0	2419.99	1828.40	1403.73	1102.75	878.74	712.68	581.21	487.80	423.28
270.0	2304.09	1713.54	1371.56	1071.96	871.04	697.02	576.72	479.33	405.03
300.0	2526.37	1914.02	1472.92	1158.10	921.12	744.68	606.29	507.70	438.50
330.0	2495.24	1824.07	1495.76	1168.31	936.86	757.83	624.89	517.90	430.37
360.0	2747.79	2085.27	1624.28	1259.29	999.82	805.22	659.05	544.02	450.61
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	381.59	322.95	277.89	235.51	205.24	176.09	149.02	129.82	113.65
30.0	400.45	342.76	292.60	251.95	220.38	192.61	170.04	147.81	126.97
60.0	394.57	335.58	290.00	250.30	217.70	190.80	168.57	150.06	131.90
90.0	384.62	327.02	279.80	242.00	212.33	186.30	162.51	136.91	114.17
120.0	363.00	309.55	265.96	232.23	202.39	177.82	157.58	140.55	122.12
150.0	352.36	300.12	258.00	225.22	196.76	172.72	151.36	130.86	113.91
180.0	329.61	281.35	241.48	209.57	177.91	153.09	132.85	117.54	103.27
210.0	348.21	299.26	260.16	226.26	199.01	175.23	154.90	135.44	117.89
240.0	350.89	300.99	259.90	226.60	197.72	176.09	156.55	140.89	124.81
270.0	342.41	293.46	254.19	220.55	193.82	171.08	149.54	127.05	106.12
300.0	361.96	309.12	265.35	228.77	201.61	177.48	156.72	140.46	123.77
330.0	365.51	310.93	268.21	231.36	202.30	177.13	156.63	136.65	117.89
360.0	381.59	322.95	277.89	235.51	205.24	176.09	149.02	129.82	113.65
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	99.98	87.35	75.85	61.67	50.68	41.43	32.87	26.29	21.28
30.0	110.10	97.30	85.54	74.81	62.62	49.39	39.44	30.01	22.05
60.0	113.13	96.00	81.65	69.88	58.73	48.09	37.28	30.36	23.78
90.0	97.56	84.41	71.79	60.46	51.29	44.02	38.32	27.59	19.55
120.0	103.10	87.70	74.90	63.31	51.98	41.17	33.04	26.73	19.55
150.0	100.16	88.91	76.46	64.18	53.02	41.60	32.43	23.18	16.61
180.0	90.90	78.71	64.26	51.98	42.29	33.73	26.55	21.71	17.30
210.0	104.39	92.46	81.73	68.67	55.44	43.25	34.16	25.43	17.90
240.0	107.16	91.59	78.01	65.99	55.18	44.20	34.08	27.68	21.19
270.0	91.77	79.05	67.46	56.13	47.74	41.08	34.60	25.17	16.78
300.0	105.26	88.83	76.63	64.95	54.92	44.20	34.34	27.68	21.10
330.0	103.36	91.07	80.00	67.46	56.65	45.84	35.63	27.16	19.03
360.0	99.98	87.35	75.85	61.67	50.68	41.43	32.87	26.29	21.28

# ROLED 投光灯

## 光强数据表(cd)

附页 第 7页 共7页

C/γ(°)	72.0	74.0	76.0	78.0	80.0	82.0	84.0	86.0	88.0
0.0	16.61	9.69	3.98	0.86	0.52	0.43	0.35	0.35	0.17
30.0	15.91	11.42	6.49	2.16	0.52	0.52	0.43	0.35	0.17
60.0	16.52	10.47	5.54	1.64	0.52	0.43	0.35	0.35	0.17
90.0	12.71	9.77	3.29	0.52	0.43	0.43	0.43	0.17	0.17
120.0	13.41	7.44	3.37	0.69	0.52	0.52	0.43	0.26	0.09
150.0	12.20	8.30	3.37	0.43	0.52	0.43	0.43	0.17	0.00
180.0	10.29	4.15	0.86	0.43	0.43	0.43	0.26	0.17	0.09
210.0	13.23	8.22	3.89	0.61	0.43	0.43	0.35	0.26	0.09
240.0	14.27	7.96	4.32	1.04	0.52	0.35	0.43	0.17	0.17
270.0	11.42	7.61	1.56	0.43	0.52	0.43	0.26	0.35	0.00
300.0	14.88	9.17	4.93	1.04	0.61	0.52	0.43	0.35	0.09
330.0	14.01	9.86	5.71	1.21	0.52	0.43	0.43	0.35	0.17
360.0	16.61	9.69	3.98	0.86	0.52	0.43	0.35	0.35	0.17
C/γ(°)	90.0								
0.0	0.17								
30.0	0.00								
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	0.00								
330.0	0.00								
360.0	0.17								