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## ROLED

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灯具名称: 投光灯  
灯具描述: FWK2121C2.8-1-24DC(3-XEG-1WN-AJ.P1)  
报告编号: 电压(V): 23.9000  
测试编号: 20221214002 电流(A): 0.4690  
光源规格型号: XEG 功率(W): 11.2000  
每个光源光通量(lm) 功率因数: 1.0230  
光源数量: 1 镇流器型号:  
发光面长度(mm): 35 发光面宽度 (mm): 35  
测试模式: C 发光面高度(mm): 0

## 光度结果

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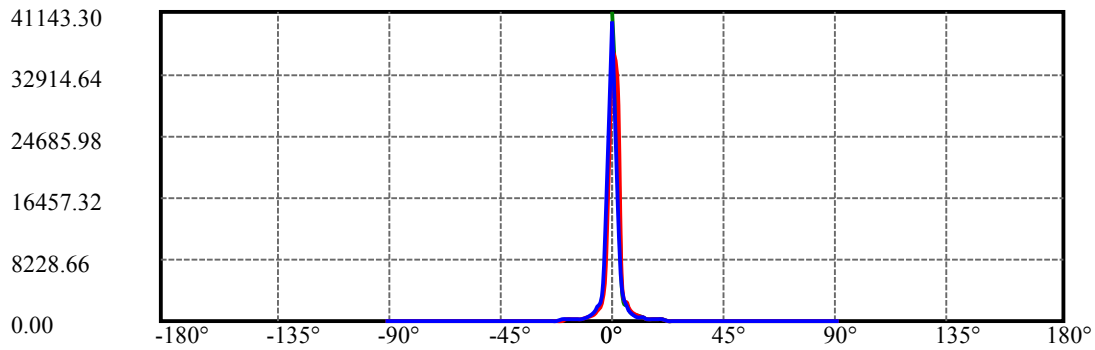
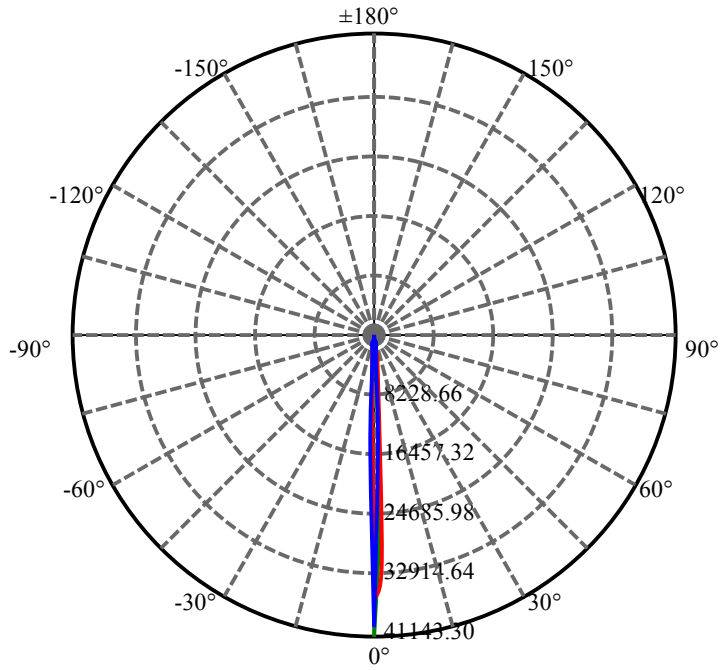
灯具光通量(lm): 503.11  
灯具效能(lm/w): 44.92  
中心光强(cd): 36273.910  
最大光强(cd): 41143.300  
最大光强角度:  $C=30.0 \gamma=0.0$   
半峰边角(50%Imax): [C0/180]Total=4.3  
                                  [C90/270]Total=3.3  
光束扩散角(10%Imax): [C0/180]Total=9.0  
                                  [C90/270]Total=8.6

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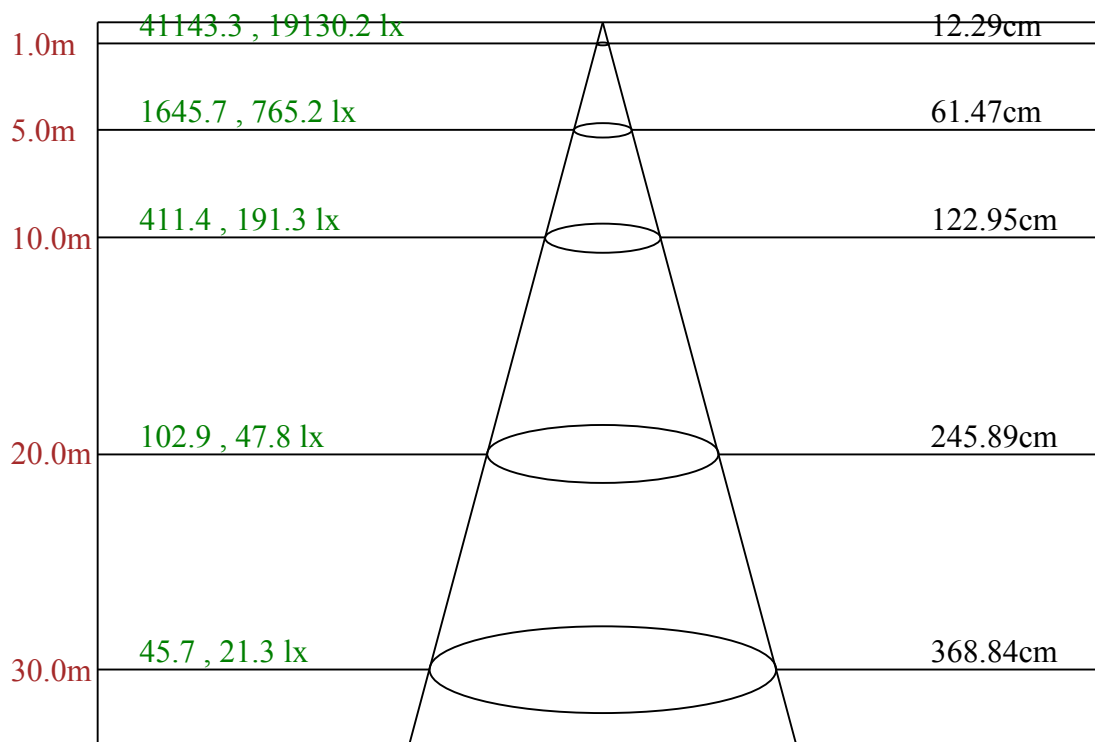
测试设备: GMS-1800  
环境温度(°C): 25.0

测试日期: 2022/12/14  
环境湿度(%): 60.0%

测试人员: 安培楼  
测试距离(m): 9.30

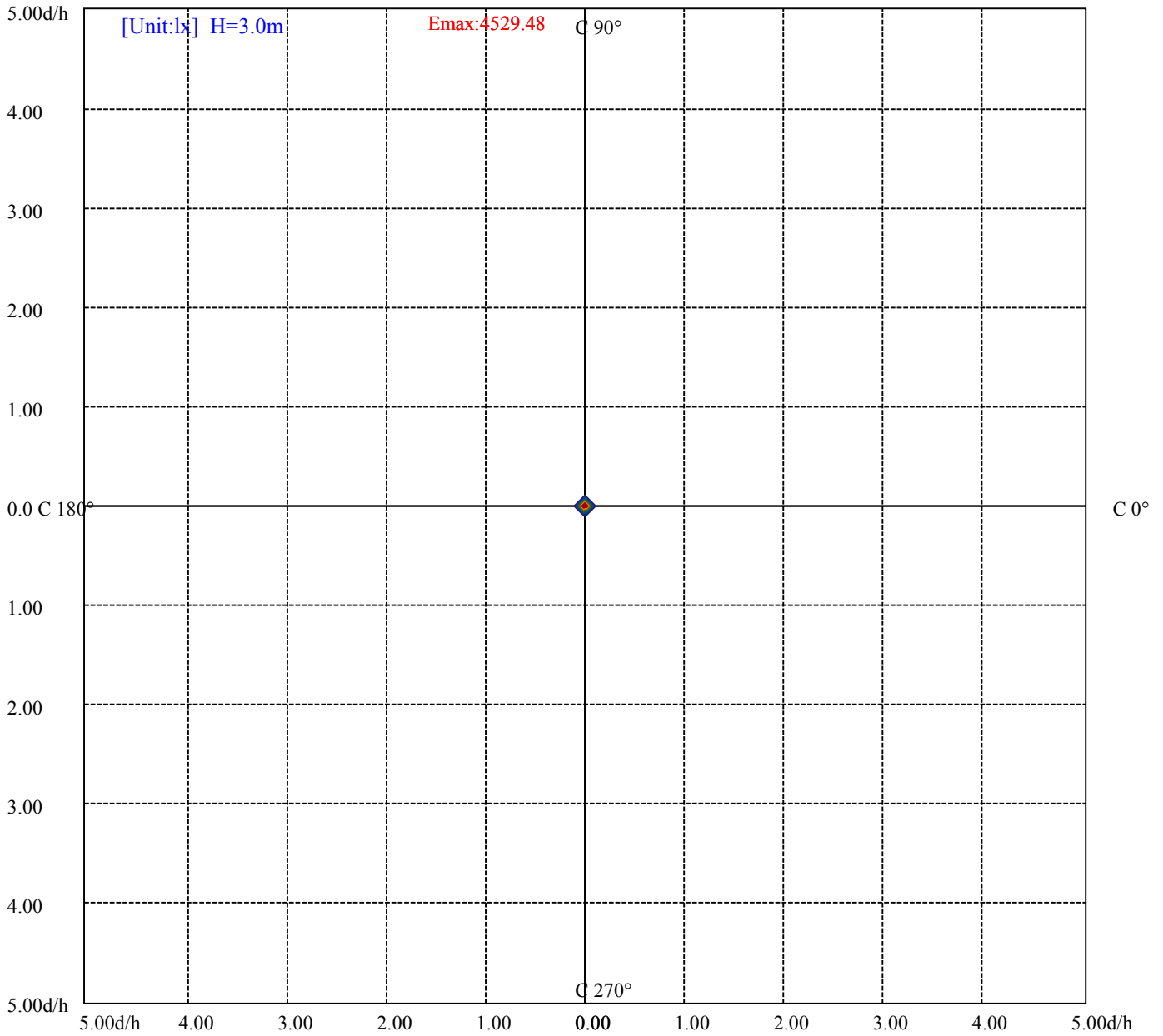


C30(Max): ——  
C0/C180: ——  
C90/C270: ——



Max , Ave    C30面光束角7.04

ROLED 投光灯  
平面等照度曲线



- (10%Emax) 452.9478
- (20%Emax) 905.8956
- (30%Emax) 1358.844
- (40%Emax) 1811.789
- (50%Emax) 2264.733
- (60%Emax) 2717.689
- (70%Emax) 3170.633
- (80%Emax) 3623.578
- (90%Emax) 4076.533

# ROLED 投光灯

## 灯具的亮度限制曲线(灯具无发光侧边)

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亮度值表

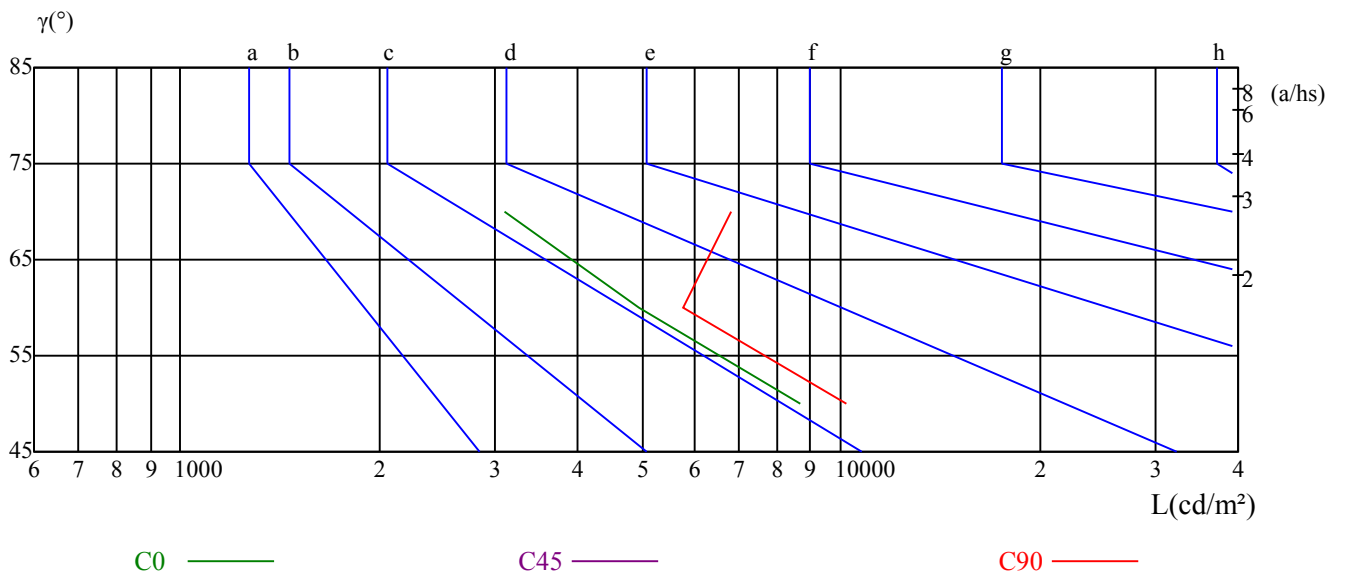
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	8677	0	4942	0	3096	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	10215	0	5790	0	6812	0	0	0

L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
440714	484067	0	235966	235830	0	174980	174980	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  
环境温度(°C): 25.0

测试日期: 2022/12/14  
环境湿度(%): 60.0%

测试人员: 安培楼  
测试距离(m): 9.30

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	36273.91	30825.04	5829.43	2324.85	1216.91	697.11	446.29	303.06	227.73
30.0	41143.29	23663.66	4635.86	2131.11	1114.86	678.95	444.56	315.17	245.89
60.0	40390.83	13194.91	3795.18	1701.17	1014.87	621.26	422.33	307.04	243.04
90.0	39828.65	15161.70	4540.73	1915.75	1045.66	630.51	442.83	305.22	238.37
120.0	38133.44	9953.27	3322.08	1675.14	902.35	553.62	377.01	271.06	213.54
150.0	38591.84	12376.72	4428.29	1595.74	855.39	535.37	359.63	264.40	209.39
180.0	36273.91	9082.31	2796.22	1330.48	757.91	471.72	328.14	249.26	194.17
210.0	41143.29	15091.64	3839.29	1672.46	923.89	556.13	364.73	270.97	215.36
240.0	40390.83	21786.83	4644.51	1891.54	1005.88	595.05	441.10	272.27	214.93
270.0	39828.65	16025.73	4194.77	1725.82	977.94	577.49	373.81	271.32	211.30
300.0	38133.44	26768.66	5699.69	2116.41	1105.34	643.49	445.42	291.30	223.75
330.0	38591.84	15701.39	4738.79	1708.52	1083.20	628.26	407.19	283.17	217.78
360.0	36273.91	30825.04	5829.43	2324.85	1216.91	697.11	446.29	303.06	227.73
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	178.86	135.44	101.54	76.89	61.75	49.99	40.82	34.42	28.46
30.0	190.19	143.75	106.56	82.60	65.04	53.19	43.85	36.50	30.70
60.0	184.31	142.79	106.82	82.51	65.47	53.36	44.20	36.24	30.53
90.0	185.61	140.03	103.96	80.18	64.78	52.93	43.94	37.02	30.79
120.0	162.60	123.33	93.76	73.86	59.33	49.30	40.91	34.68	29.41
150.0	160.18	122.90	92.03	71.79	58.29	48.09	39.96	33.30	28.02
180.0	148.24	114.51	87.35	68.24	55.44	45.58	37.71	32.00	26.64
210.0	164.94	126.79	98.34	76.54	61.84	51.03	42.73	35.55	29.75
240.0	165.54	129.13	99.64	77.06	61.93	50.60	41.95	34.77	29.58
270.0	164.42	129.82	99.72	77.75	61.49	49.99	41.17	35.03	29.15
300.0	177.05	136.74	105.34	80.18	63.92	51.63	42.90	35.89	30.44
330.0	170.90	130.86	100.50	77.06	61.32	49.99	41.77	34.77	28.80
360.0	178.86	135.44	101.54	76.89	61.75	49.99	40.82	34.42	28.46
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	23.61	19.98	16.87	14.10	11.59	9.69	8.39	6.83	5.45
30.0	25.69	21.88	18.60	15.74	13.32	11.07	9.51	8.13	7.01
60.0	25.69	22.05	18.77	15.74	13.15	11.07	9.43	8.04	6.75
90.0	25.69	21.54	18.42	15.40	12.97	11.07	9.43	8.04	6.31
120.0	24.39	20.76	17.73	14.88	12.54	10.72	9.34	8.22	7.27
150.0	23.70	20.07	16.95	14.27	12.11	10.03	8.65	7.44	6.40
180.0	22.49	19.20	16.43	13.92	11.59	10.03	8.56	7.09	5.79
210.0	25.34	22.05	19.20	16.35	14.01	12.02	10.38	9.17	7.87
240.0	25.26	21.88	18.94	16.17	13.58	11.50	9.86	8.74	7.70
270.0	24.39	21.10	18.16	15.40	12.89	10.81	9.34	7.87	6.57
300.0	25.08	21.45	18.51	15.83	13.58	11.59	9.86	8.56	7.44
330.0	23.96	20.24	17.13	14.62	12.37	10.47	8.91	7.78	6.75
360.0	23.61	19.98	16.87	14.10	11.59	9.69	8.39	6.83	5.45
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	4.67	3.89	3.46	3.03	2.59	2.25	1.99	1.64	1.30
30.0	5.97	5.02	4.07	3.63	3.29	3.03	3.46	3.29	2.25
60.0	5.36	4.50	3.81	3.29	3.03	2.85	2.59	2.42	2.94
90.0	5.10	4.41	3.81	3.55	3.20	3.03	2.85	2.68	2.85
120.0	6.23	5.28	4.41	3.89	3.37	3.20	3.03	2.59	2.08
150.0	5.28	4.41	3.89	3.46	3.37	3.46	2.94	2.25	1.99
180.0	4.67	3.89	3.46	3.11	2.77	2.51	2.25	1.90	1.90
210.0	6.75	5.79	5.10	4.76	4.24	3.81	3.03	2.42	1.99
240.0	6.31	5.36	4.50	4.07	3.72	3.29	3.11	2.59	2.25
270.0	5.36	4.67	3.89	3.55	3.11	2.85	2.59	2.34	1.99
300.0	6.31	5.45	4.58	3.89	3.37	3.03	2.68	2.34	1.99
330.0	5.54	4.41	3.63	3.20	2.85	2.59	2.34	2.16	1.82
360.0	4.67	3.89	3.46	3.03	2.59	2.25	1.99	1.64	1.30

# 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	1.04	0.69	0.43	0.09	0.00	0.00	0.00	0.00	0.00
30.0	1.73	1.47	1.73	1.12	0.00	0.00	0.00	0.00	0.00
60.0	3.63	3.63	3.29	0.09	0.00	0.00	0.00	0.00	0.00
90.0	3.20	4.24	3.72	0.00	0.00	0.00	0.00	0.00	0.00
120.0	2.34	3.63	3.63	1.82	0.00	0.00	0.00	0.00	0.00
150.0	1.73	1.73	1.90	0.26	0.00	0.00	0.00	0.00	0.00
180.0	1.99	2.51	2.42	0.00	0.00	0.00	0.00	0.00	0.00
210.0	1.73	1.30	1.21	1.12	0.00	0.00	0.00	0.00	0.00
240.0	1.99	1.90	1.99	2.25	0.00	0.00	0.00	0.00	0.00
270.0	1.82	1.90	2.85	0.00	0.00	0.00	0.00	0.00	0.00
300.0	1.73	1.82	2.25	2.51	0.00	0.00	0.00	0.00	0.00
330.0	1.99	2.59	3.29	2.94	0.00	0.00	0.00	0.00	0.00
360.0	1.04	0.69	0.43	0.09	0.00	0.00	0.00	0.00	0.00
C/γ(°)	90.0								
0.0	0.00								
30.0	0.00								
60.0	0.00								
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	0.00								