

浙大三色

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## ROLED

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灯具名称: 投光灯

灯具描述: F1022A-6-UN(60-OL-6WN-AJ, CT)

报告编号:

电压(V): 202.3000

测试编号: 20210223004

电流(A): 0.0730

光源规格型号: OL

功率(W): 7.2000

每个光源光通量(lm)

功率因数: 0.4920

光源数量: 6

镇流器型号:

发光面长度(mm): 88

发光面宽度(mm): 88

测试模式: C

发光面高度(mm): 0

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## 光度结果

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灯具光通量(lm): 603.01

灯具效能(lm/w): 83.75

中心光强(cd): 586.352

最大光强(cd): 587.350

最大光强角度:  $C=0.0 \gamma=5.0$

半峰边角(50%Imax): [C0/180]Total=54.3

[C90/270]Total=54.6

光束扩散角(10%Imax): [C0/180]Total=99.1

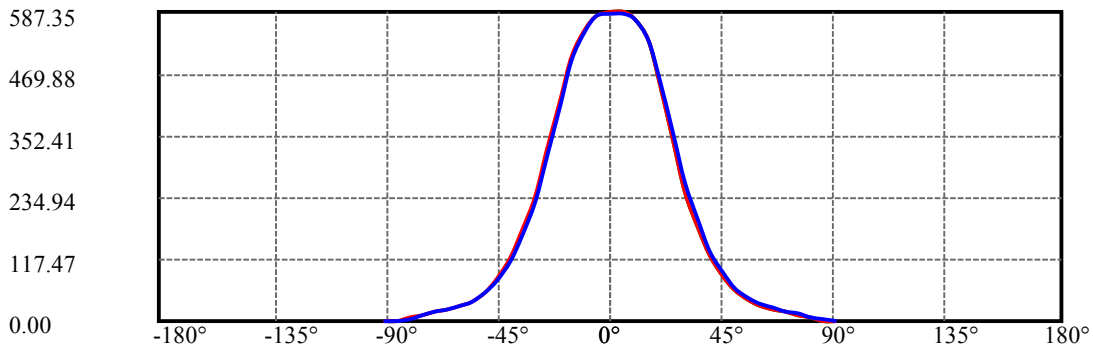
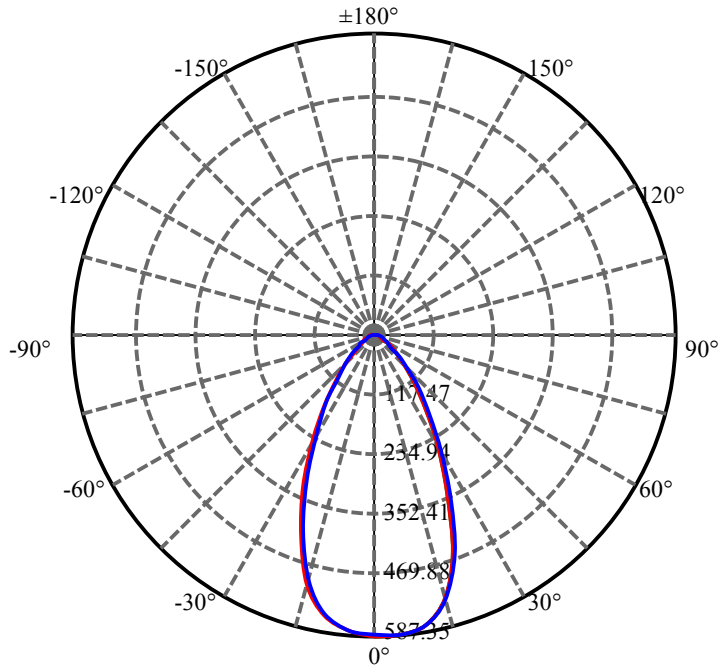
[C90/270]Total=100.2

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测试设备: GMS1800  
环境温度(°C): 25.0

测试日期: 2021/2/23  
环境湿度(%): 60.0%

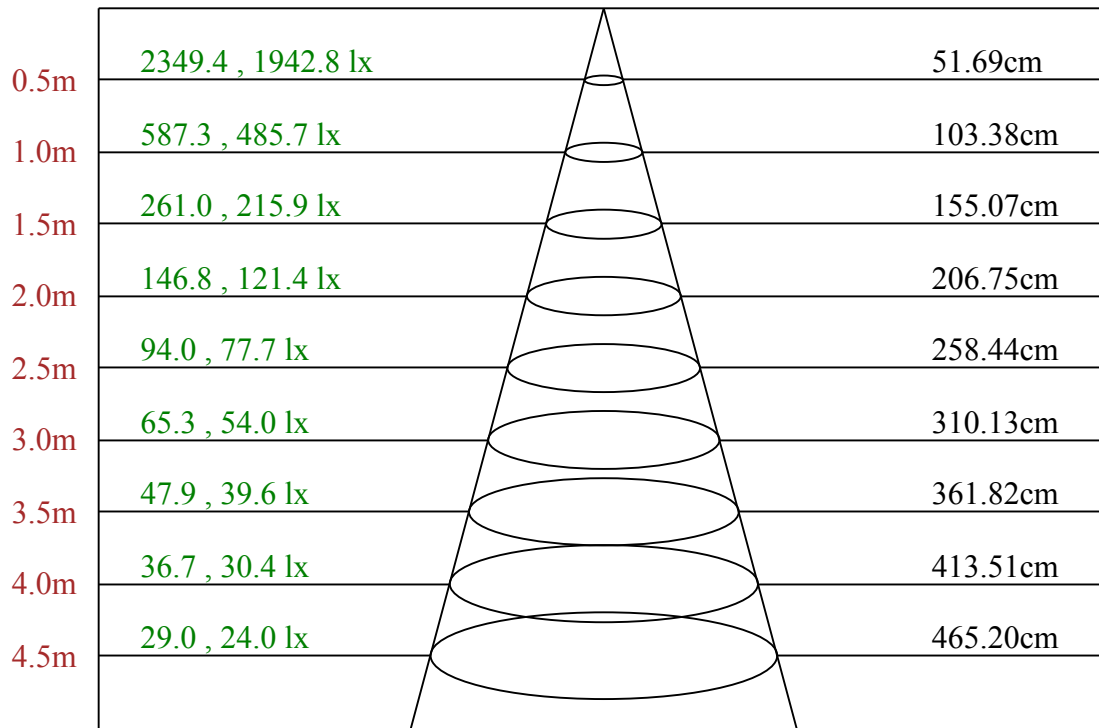
测试人员: anpeilou  
测试距离(m): 8.76



C0(Max): —  
C0/C180: —  
C90/C270: —

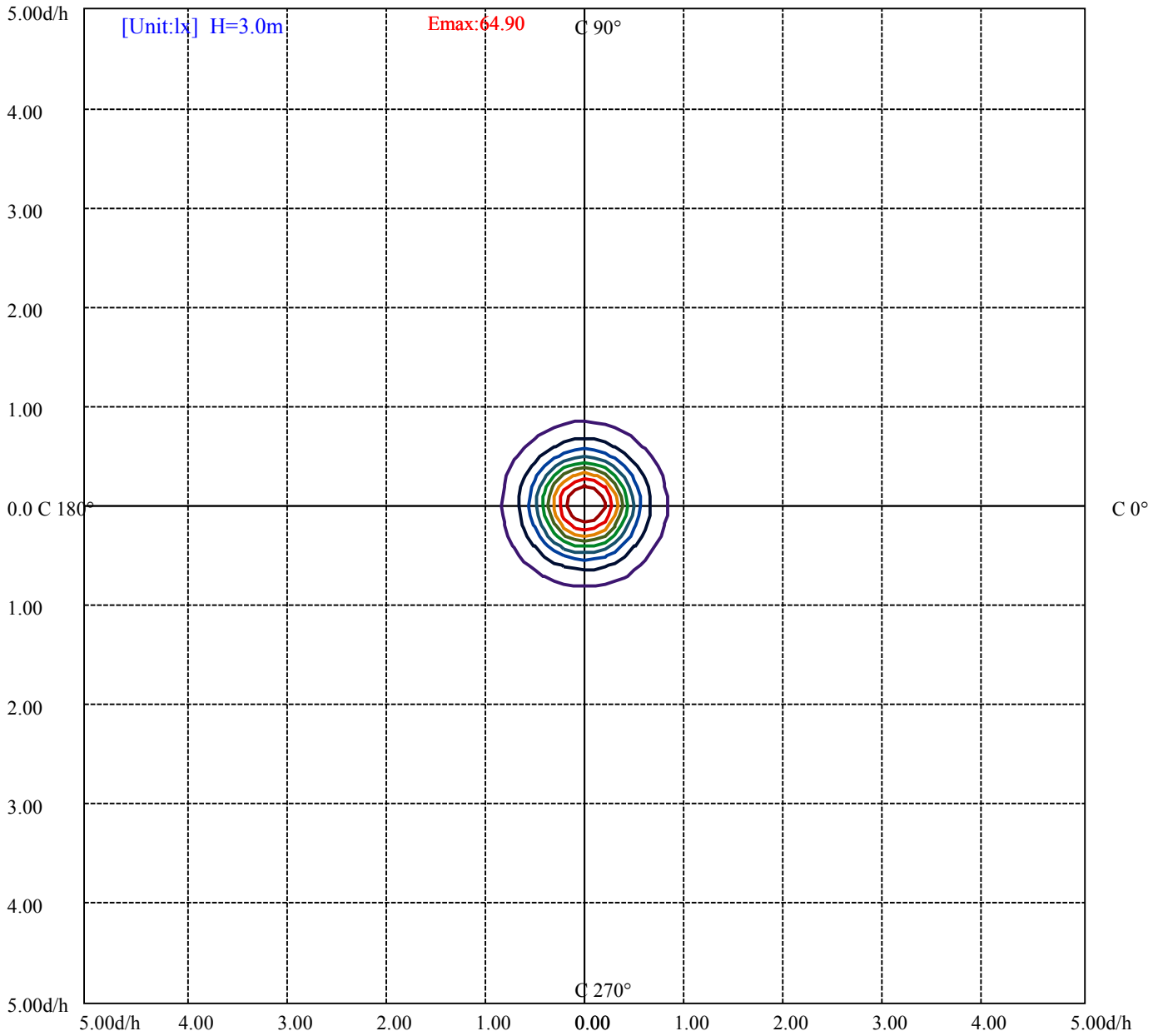
ROLED 投光灯

照度距离图表



Max , Ave C0面光束角54.67

ROLED 投光灯  
平面等照度曲线



- (10%Emax) 6.4903
- (20%Emax) 12.98056
- (30%Emax) 19.47089
- (40%Emax) 25.96122
- (50%Emax) 32.45144
- (60%Emax) 38.94178
- (70%Emax) 45.43211
- (80%Emax) 51.92233
- (90%Emax) 58.41267

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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

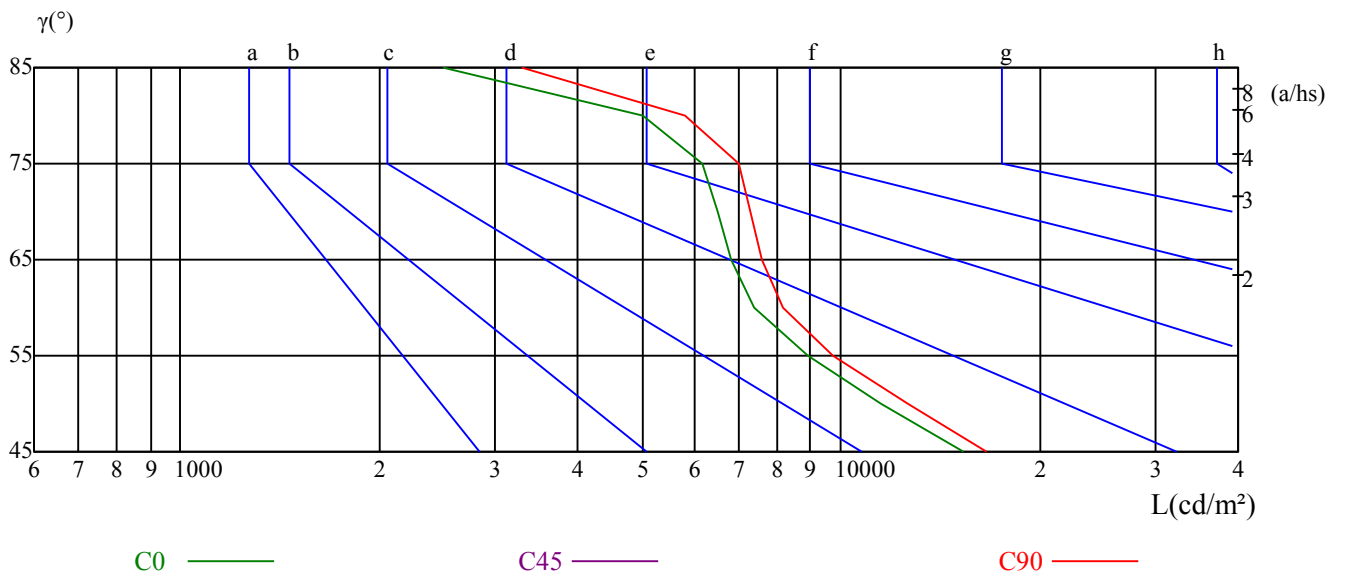
$\gamma$	45	50	55	60	65	70	75	80	85
C0	15317	11500	8932	7373	6823	6519	6164	5022	2501
C45	0	0	0	0	0	0	0	0	0
C90	16662	12672	9727	8185	7574	7301	7006	5821	3297

L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
6741	7234	0	5973	6394	0	1990	2047	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	$\leq 300$				
1.5	B		2000	1000	500	$\leq 300$			
1.85	C			2000	1000	500	$\leq 300$		
2.2	D				2000	1000	500	$\leq 300$	
2.55	E					2000	1000	500	$\leq 300$
		a	b	c	d	e	f	g	h

亮度限制曲线



参照UGR的照射评估											
天花板反射率	70	70	50	50	30	70	70	50	50	30	
墙壁反射率	50	30	50	30	30	50	30	50	30	30	
地板反射率	20	20	20	20	20	20	20	20	20	20	
空间尺寸		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	18.25	19.46	18.62	19.78	20.09	18.01	19.22	18.37	19.53	19.85
	3H	19.77	20.84	20.15	21.17	21.54	19.45	20.52	19.83	20.85	21.22
	4H	20.35	21.35	20.76	21.70	22.09	20.02	21.01	20.42	21.37	21.75
	6H	20.70	21.62	21.12	21.99	22.39	20.36	21.28	20.78	21.65	22.05
	8H	20.77	21.63	21.20	22.02	22.43	20.43	21.29	20.86	21.69	22.09
	12H	20.80	21.63	21.24	22.01	22.44	20.47	21.29	20.90	21.68	22.11
4H	2H	18.68	19.67	19.08	20.03	20.41	18.47	19.47	18.88	19.83	20.21
	3H	20.44	21.26	20.86	21.67	22.07	20.16	20.98	20.58	21.39	21.79
	4H	21.15	21.88	21.59	22.31	22.75	20.85	21.58	21.29	22.00	22.45
	6H	21.53	22.16	22.00	22.61	23.08	21.22	21.85	21.69	22.30	22.77
	8H	21.62	22.21	22.09	22.66	23.13	21.31	21.90	21.78	22.35	22.82
	12H	21.66	22.18	22.15	22.66	23.14	21.35	21.86	21.84	22.35	22.83
8H	4H	21.35	21.94	21.82	22.39	22.86	21.08	21.67	21.55	22.12	22.59
	6H	21.84	22.31	22.34	22.81	23.29	21.54	22.02	22.05	22.52	23.00
	8H	21.97	22.39	22.50	22.91	23.41	21.67	22.10	22.20	22.61	23.11
	12H	22.52	22.89	23.04	23.39	23.97	22.22	22.59	22.74	23.09	23.66
12H	4H	21.34	21.85	21.83	22.34	22.81	21.08	21.59	21.57	22.08	22.55
	6H	22.33	22.27	22.37	22.73	23.28	22.05	21.99	22.09	22.45	23.00
	8H	22.01	22.38	22.53	22.88	23.45	21.72	22.09	22.24	22.59	23.16
对应照射距离，改变观察者位置S											
S = 1.0H	0.9/-1.1					0.9/-1.2					
S = 1.5H	1.7/-1.5					1.7/-1.6					
S = 2.0H	3.4/-1.6					3.4/-1.7					
标准表格	BK3					BK3					
更正系数	3.3					2.9					

# ROLED 投光灯

## 光强数据表(cd)

附页 第7页 共7页

C/γ(°)	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	
0.0	586.35	587.35	573.84	532.02	448.15	339.72	244.87	176.19	124.31	
30.0	583.51	586.35	575.61	531.64	445.77	343.32	252.08	177.49	125.24	
60.0	584.74	587.04	573.84	526.88	445.00	340.18	252.08	181.64	126.77	
90.0	583.51	585.20	572.92	532.71	455.59	353.15	264.44	189.77	132.53	
120.0	584.20	582.44	564.17	516.29	436.87	339.64	254.69	182.02	128.61	
150.0	585.28	581.82	563.25	516.21	436.41	339.56	255.31	183.40	128.15	
180.0	586.35	578.99	553.51	503.71	419.37	324.37	237.96	171.05	118.87	
210.0	583.51	575.92	549.90	492.89	405.94	315.08	231.75	166.67	117.26	
240.0	584.74	578.60	553.05	498.72	415.46	318.15	236.51	169.82	117.95	
270.0	583.51	578.60	551.59	496.65	407.32	309.94	225.38	161.23	111.50	
300.0	584.20	581.13	560.11	506.08	424.67	328.13	238.88	171.36	118.79	
330.0	585.28	583.51	562.49	509.38	422.67	323.76	233.74	166.14	114.42	
360.0	586.35	587.35	573.84	532.02	448.15	339.72	244.87	176.19	124.31	
C/γ(°)	45.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0	
0.0	83.87	57.25	39.67	28.55	22.33	17.27	12.35	6.75	1.69	
30.0	85.79	59.24	40.59	29.85	23.17	17.88	12.74	6.83	1.69	
60.0	87.02	59.86	41.90	30.70	24.02	18.72	13.20	7.29	2.23	
90.0	91.24	63.08	43.20	31.69	24.79	19.34	14.04	7.83	2.23	
120.0	89.09	60.39	41.59	31.00	24.33	18.95	13.35	7.44	2.15	
150.0	87.94	60.39	41.98	30.46	23.79	18.49	13.05	7.37	1.69	
180.0	81.57	55.48	37.68	27.86	21.79	16.50	11.59	5.99	1.00	
210.0	80.19	55.10	37.83	28.32	22.41	17.19	11.66	5.68	1.07	
240.0	81.50	56.40	39.44	29.62	23.17	18.11	12.28	6.37	0.69	
270.0	77.50	53.64	37.37	28.32	22.56	17.19	11.59	5.29	0.54	
300.0	81.27	55.94	39.14	29.24	23.17	18.11	12.12	6.22	0.69	
330.0	79.27	53.79	37.83	28.47	22.25	17.11	11.74	4.83	0.61	
360.0	83.87	57.25	39.67	28.55	22.33	17.27	12.35	6.75	1.69	
C/γ(°)	90.0									
0.0	0.00									
30.0	0.00									
60.0	0.08									
90.0	0.08									
120.0	0.00									
150.0	0.00									
180.0	0.00									
210.0	0.08									
240.0	0.00									
270.0	0.00									
300.0	0.00									
330.0	0.00									
360.0	0.00									