

浙大三色

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## ROLED

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灯具名称: 投光灯

灯具描述: F2227A-9-36DC-RC-Y(20-PR-9RGBPCA-AJ,Line1000.CT)

报告编号:

电压(V): 35.8000

测试编号: 20210129006

电流(A): 1.4710

光源规格型号: PR

功率(W): 52.6000

每个光源光通量(lm)

功率因数: 1.0350

光源数量: 9

镇流器型号:

发光面长度(mm): 155

发光面宽度(mm): 155

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): 1838.37

灯具效能(lm/w): 34.95

中心光强(cd): 7399.040

最大光强(cd): 8131.116

最大光强角度: C=30.0  $\gamma=0.0$

半峰边角(50%Imax): [C0/180]Total=22.9

[C90/270]Total=22.8

光束扩散角(10%Imax): [C0/180]Total=44.0

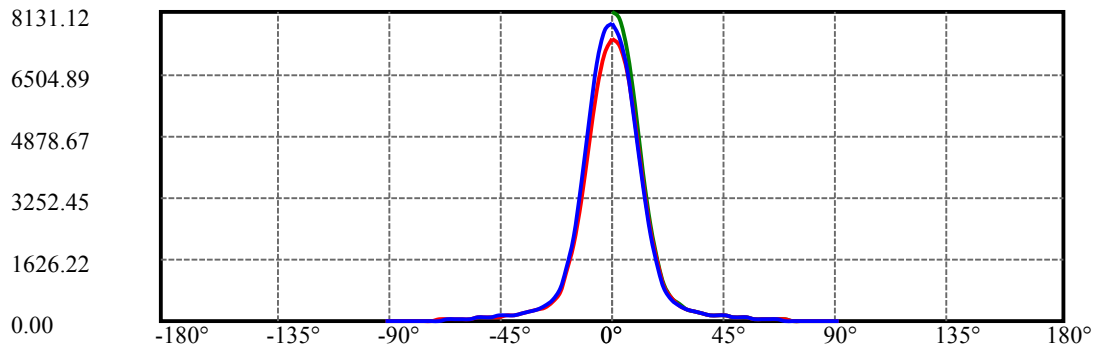
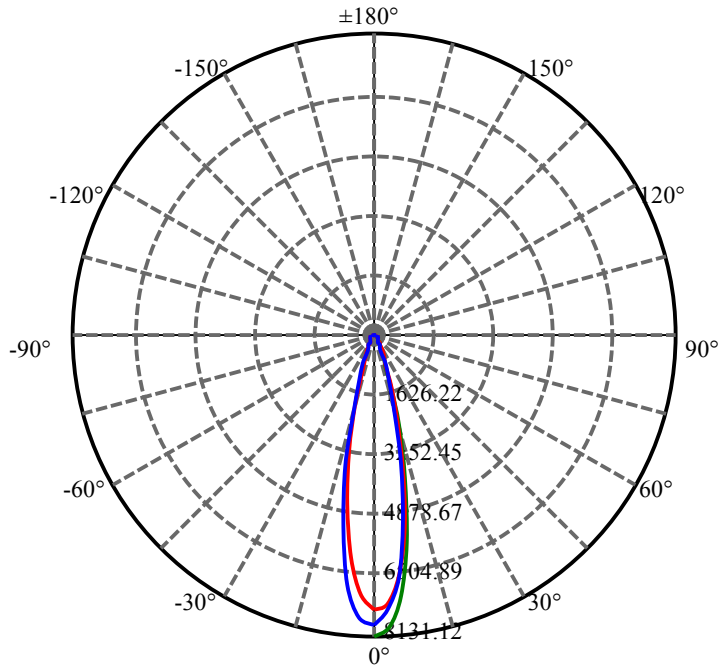
[C90/270]Total=43.2

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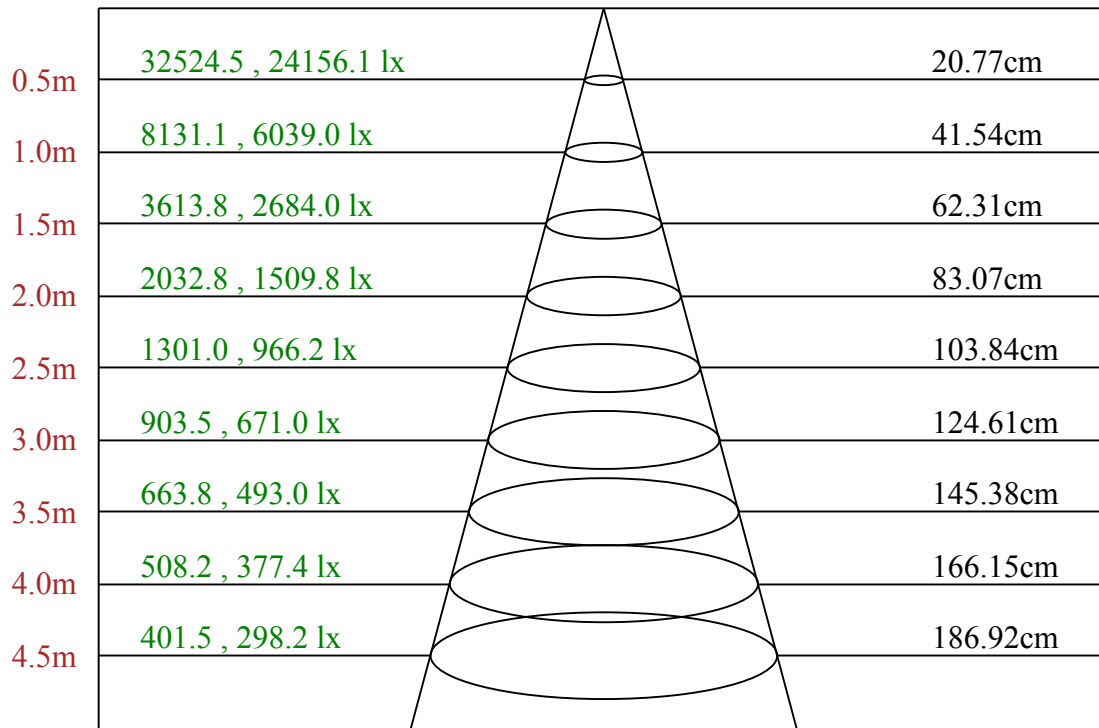
测试设备: GMS1800  
环境温度(°C): 25.0

测试日期: 2021/1/29  
环境湿度(%): 60.0%

测试人员: anpeilou  
测试距离(m): 8.76

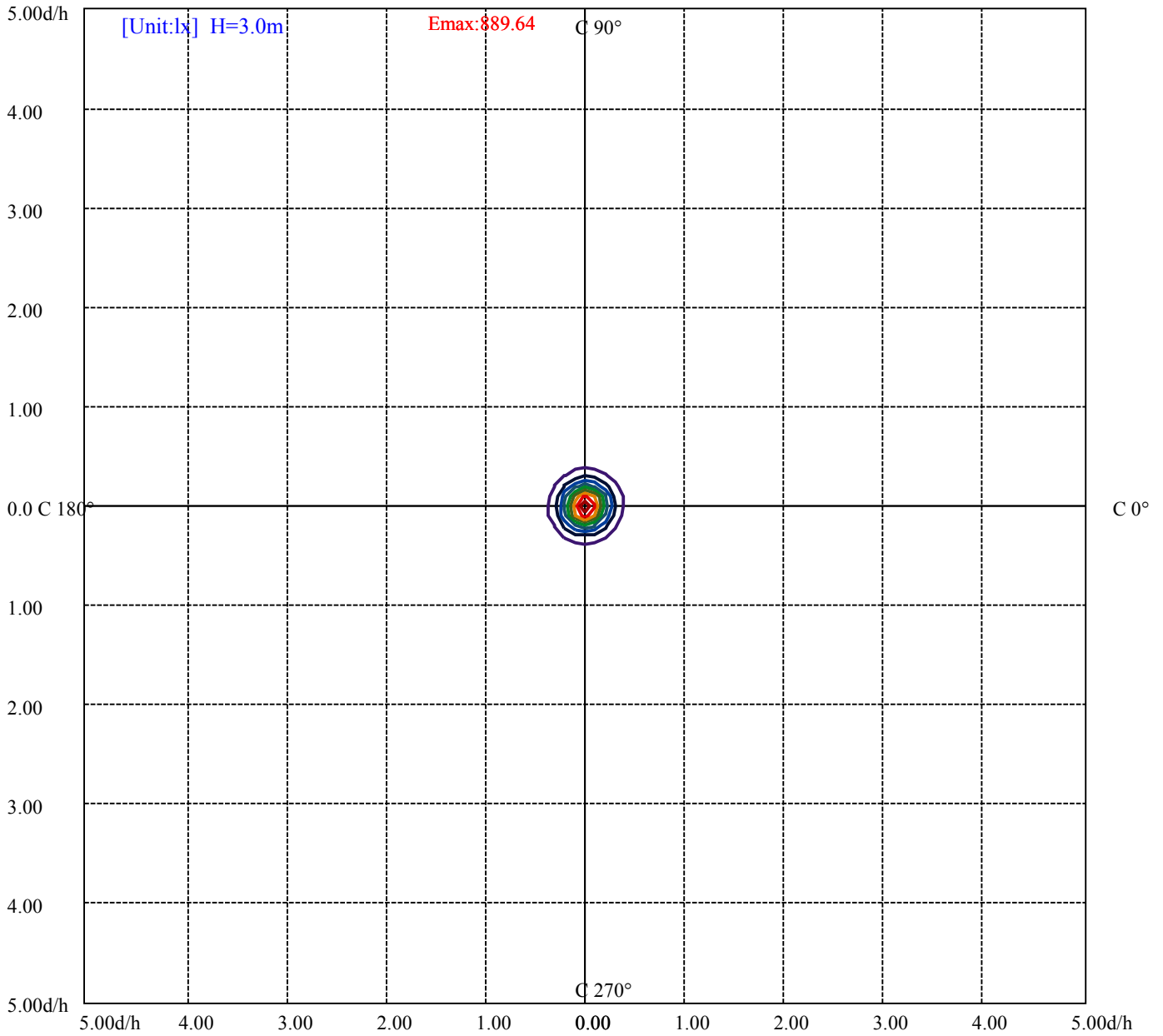


C30(Max): —  
C0/C180: —  
C90/C270: —



Max , Ave    C30面光束角23.46

ROLED 投光灯  
平面等照度曲线



- (10%Emax) 88.964
- (20%Emax) 177.9278
- (30%Emax) 266.8922
- (40%Emax) 355.8556
- (50%Emax) 444.82
- (60%Emax) 533.7844
- (70%Emax) 622.7478
- (80%Emax) 711.7122
- (90%Emax) 800.6755

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# ROLED 投光灯

## 灯具的亮度限制曲线(灯具无发光侧边)

附页 第 5页 共 7页

亮度值表

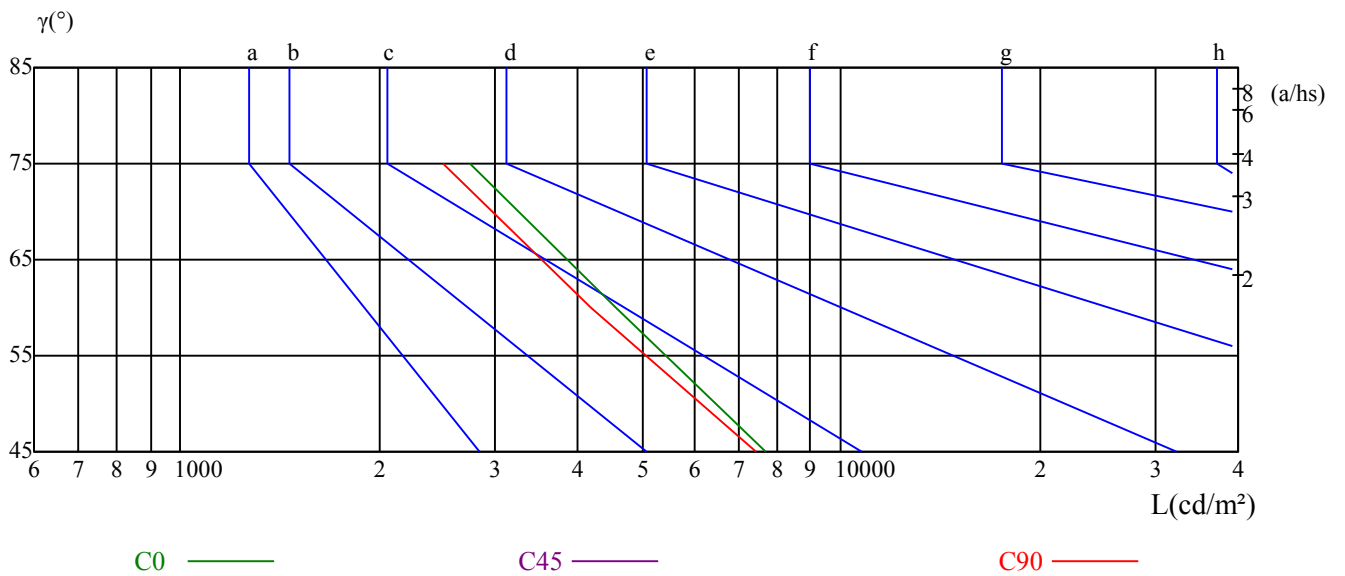
$\gamma$	45	50	55	60	65	70	75	80	85
C0	7711	0	0	4574	0	0	2752	0	0
C45	0	0	0	0	0	0	0	0	0
C90	7458	0	0	4178	0	0	2505	0	0

L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
91635	84383	0	2653	2351	0	67505	25305	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



测试设备: GMS1800  
环境温度(°C): 25.0

测试日期: 2021/1/29  
环境湿度(%): 60.0%

测试人员: anpeilou  
测试距离(m): 8.76

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	10.95	12.01	11.32	12.32	12.63	11.02	12.08	11.39	12.39	12.70
	3H	11.74	12.67	12.13	13.00	13.37	11.91	12.84	12.29	13.17	13.54
	4H	11.99	12.85	12.40	13.20	13.59	12.21	13.07	12.61	13.42	13.81
	6H	12.09	12.88	12.51	13.25	13.65	12.35	13.13	12.77	13.51	13.91
	8H	12.08	12.82	12.51	13.21	13.62	12.36	13.10	12.79	13.49	13.90
	12H	12.06	12.77	12.49	13.15	13.58	12.35	13.06	12.79	13.44	13.87
4H	2H	11.18	12.04	11.58	12.39	12.78	11.24	12.10	11.64	12.45	12.84
	3H	12.12	12.83	12.54	13.24	13.64	12.28	12.98	12.69	13.39	13.79
	4H	12.45	13.07	12.89	13.50	13.94	12.65	13.28	13.09	13.70	14.15
	6H	12.58	13.11	13.05	13.56	14.04	12.83	13.36	13.29	13.81	14.28
	8H	12.58	13.07	13.05	13.52	14.00	12.84	13.34	13.32	13.79	14.27
	12H	12.56	12.99	13.05	13.47	13.95	12.84	13.27	13.33	13.76	14.24
8H	4H	12.49	12.98	12.96	13.43	13.91	12.68	13.18	13.15	13.63	14.10
	6H	12.67	13.06	13.17	13.56	14.05	12.90	13.29	13.41	13.80	14.28
	8H	12.69	13.04	13.22	13.56	14.06	12.94	13.30	13.47	13.82	14.31
	12H	13.29	13.59	13.81	14.09	14.67	13.55	13.85	14.07	14.35	14.93
12H	4H	12.45	12.88	12.94	13.37	13.84	12.64	13.07	13.13	13.55	14.03
	6H	12.95	12.99	13.17	13.46	14.01	13.18	13.22	13.40	13.69	14.24
	8H	12.68	12.99	13.20	13.48	14.06	12.93	13.24	13.45	13.74	14.31
对应照射距离，改变观察者位置S											
S = 1.0H	0.3/-0.8					0.3/-0.8					
S = 1.5H	0.9/-1.8					0.9/-1.7					
S = 2.0H	3.0/-2.4					3.0/-2.1					
标准表格	BK2					BK2					
更正系数	-2.7					-2.4					

# ROLED 投光灯

光强数据表(cd)

附页 第7页 共7页

C/γ(°)	0.0	3.0	6.0	9.0	12.0	15.0	18.0	21.0	24.0
0.0	7399.04	7246.33	6504.28	5194.37	3688.78	2365.05	1459.55	900.90	594.72
30.0	8131.12	7903.97	7056.79	5660.17	3942.01	2512.39	1504.82	937.73	619.27
60.0	7882.49	7482.68	6568.74	5160.60	3610.50	2273.74	1374.75	852.71	546.76
90.0	7829.54	7420.53	6543.42	5110.72	3568.30	2282.18	1371.30	837.97	544.84
120.0	7729.01	7246.33	6248.74	4829.10	3329.64	2066.54	1242.84	775.82	501.02
150.0	7630.02	7217.17	6263.32	4869.00	3352.67	2084.19	1262.33	783.49	506.47
180.0	7399.04	7022.26	6043.09	4623.44	3201.49	2005.15	1245.68	775.89	517.75
210.0	8131.12	7750.50	6699.19	5129.14	3510.75	2194.70	1316.89	804.75	526.57
240.0	7882.49	7680.67	6795.88	5337.87	3703.36	2357.38	1411.20	861.76	563.25
270.0	7829.54	7630.79	6760.58	5264.97	3613.57	2244.57	1368.00	836.44	549.06
300.0	7729.01	7642.30	6828.11	5393.12	3761.68	2391.91	1422.72	877.11	564.79
330.0	7630.02	7475.78	6640.87	5174.42	3602.06	2286.78	1392.10	847.26	554.66
360.0	7399.04	7246.33	6504.28	5194.37	3688.78	2365.05	1459.55	900.90	594.72
C/γ(°)	27.0	30.0	33.0	36.0	39.0	42.0	45.0	48.0	51.0
0.0	415.15	314.55	250.63	207.11	176.11	151.94	130.99	113.26	98.15
30.0	475.01	300.73	239.27	201.13	172.97	150.94	133.06	116.87	100.68
60.0	381.62	288.23	231.75	195.30	169.59	148.18	130.91	114.34	99.07
90.0	388.29	286.00	232.13	195.37	167.67	145.34	126.69	111.12	94.54
120.0	352.76	267.51	219.24	185.86	161.00	140.89	124.47	107.89	92.62
150.0	372.33	275.26	222.85	189.00	164.14	142.35	124.39	108.43	93.16
180.0	367.50	281.86	228.22	193.07	164.76	141.73	124.55	108.43	92.47
210.0	368.88	282.16	229.37	193.46	168.82	146.88	128.77	111.19	95.46
240.0	395.97	299.66	240.11	202.51	175.27	153.94	135.75	118.33	100.99
270.0	385.07	294.90	236.51	198.83	172.58	150.87	132.76	114.65	97.00
300.0	392.13	299.81	242.26	203.12	174.50	152.32	133.68	116.87	99.99
330.0	386.22	294.14	239.04	200.90	173.20	148.72	129.61	112.80	96.77
360.0	415.15	314.55	250.63	207.11	176.11	151.94	130.99	113.26	98.15
C/γ(°)	54.0	57.0	60.0	63.0	66.0	69.0	72.0	75.0	78.0
0.0	81.80	67.91	54.94	44.20	35.84	28.09	22.33	17.11	11.97
30.0	85.33	71.06	57.94	44.58	33.99	26.40	20.34	14.89	9.98
60.0	83.03	68.99	55.63	43.66	32.61	25.02	19.41	14.20	9.75
90.0	79.35	64.31	50.19	39.37	31.62	24.63	19.72	15.58	10.59
120.0	77.97	64.31	52.72	40.90	31.16	23.94	18.72	13.66	9.13
150.0	79.12	66.15	54.41	42.90	33.46	25.94	20.64	15.35	10.44
180.0	77.27	62.62	49.65	39.83	32.31	25.78	20.95	15.88	10.74
210.0	80.11	66.53	53.26	40.98	31.08	23.64	18.34	13.66	8.21
240.0	84.03	69.45	55.79	42.97	32.46	24.33	18.88	13.97	8.59
270.0	79.35	63.92	49.19	39.60	32.00	24.33	18.80	13.66	8.44
300.0	83.41	68.30	55.40	43.59	33.76	25.63	19.41	14.50	9.75
330.0	81.50	67.84	55.25	43.20	33.53	25.63	19.64	14.73	9.82
360.0	81.80	67.91	54.94	44.20	35.84	28.09	22.33	17.11	11.97
C/γ(°)	81.0	84.0	87.0	90.0					
0.0	6.60	2.61	0.77	0.00					
30.0	5.60	2.23	0.38	0.00					
60.0	5.53	2.23	0.46	0.00					
90.0	5.45	2.23	0.46	0.00					
120.0	4.83	1.84	0.31	0.00					
150.0	5.91	2.61	0.61	0.00					
180.0	5.45	2.07	0.61	0.00					
210.0	4.07	1.23	0.31	0.00					
240.0	4.53	1.30	0.31	0.00					
270.0	4.30	1.15	0.31	0.00					
300.0	5.22	1.76	0.38	0.00					
330.0	5.14	2.00	0.46	0.00					
360.0	6.60	2.61	0.77	0.00					