

浙大三色

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ROLED

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

光度结果

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

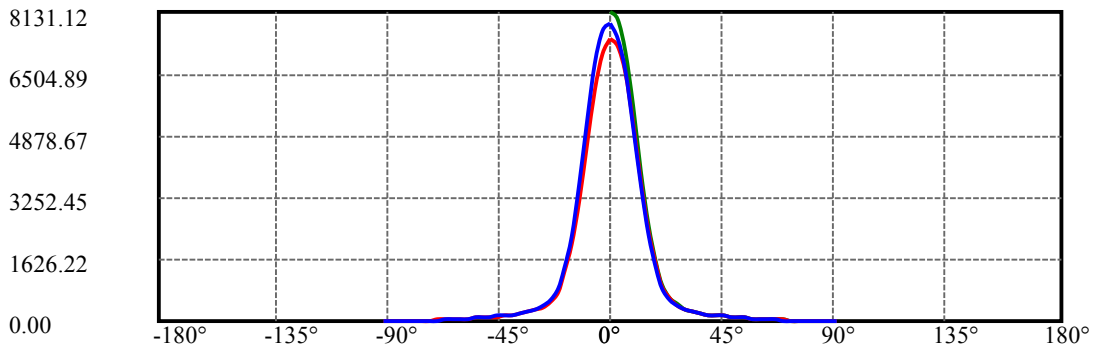
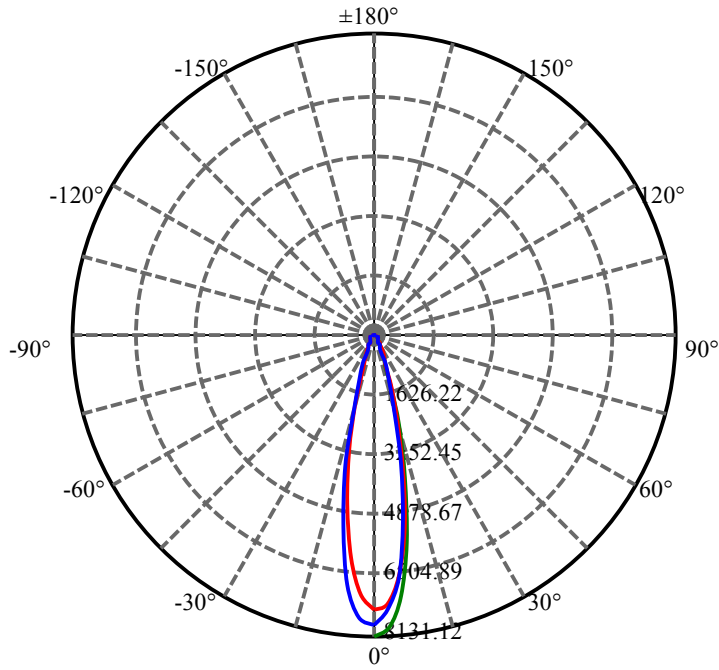
光束扩散角(10%Imax): [C0/180]Total=44.0

[C90/270]Total=43.2

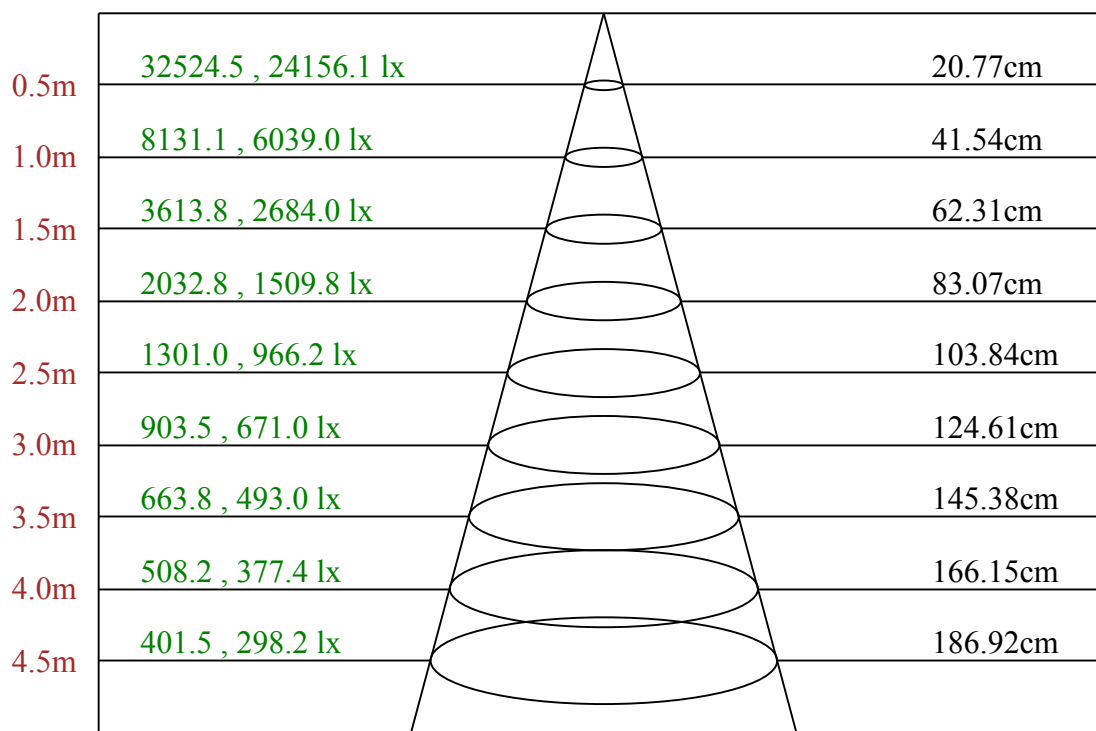
测试设备: GMS1800
环境温度(°C): 25.0

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

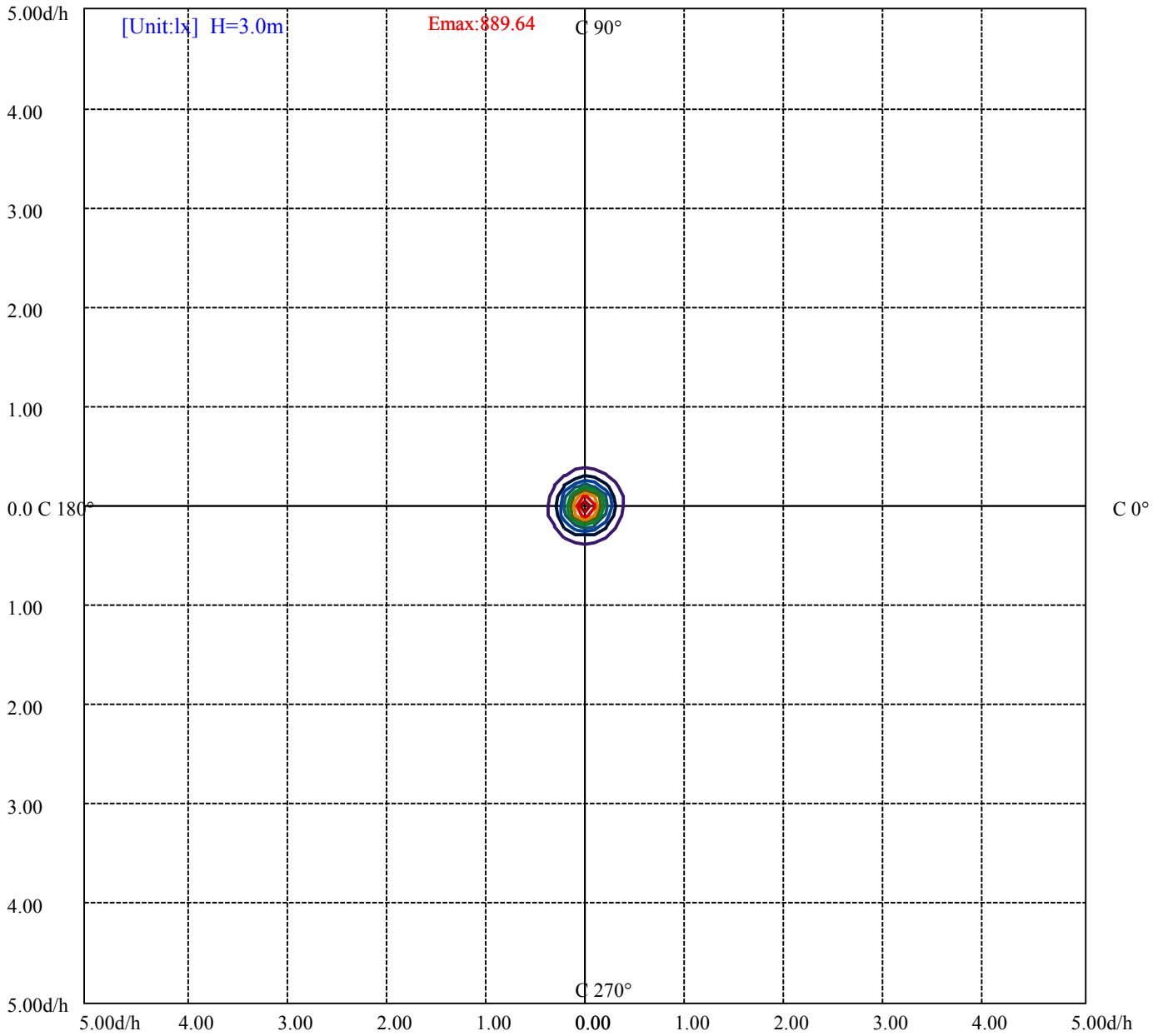


C30(Max): —
C0/C180: —
C90/C270: —



Max , Ave C30面光束角23.46

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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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灯具的亮度限制曲线(灯具无发光侧边)

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亮度值表

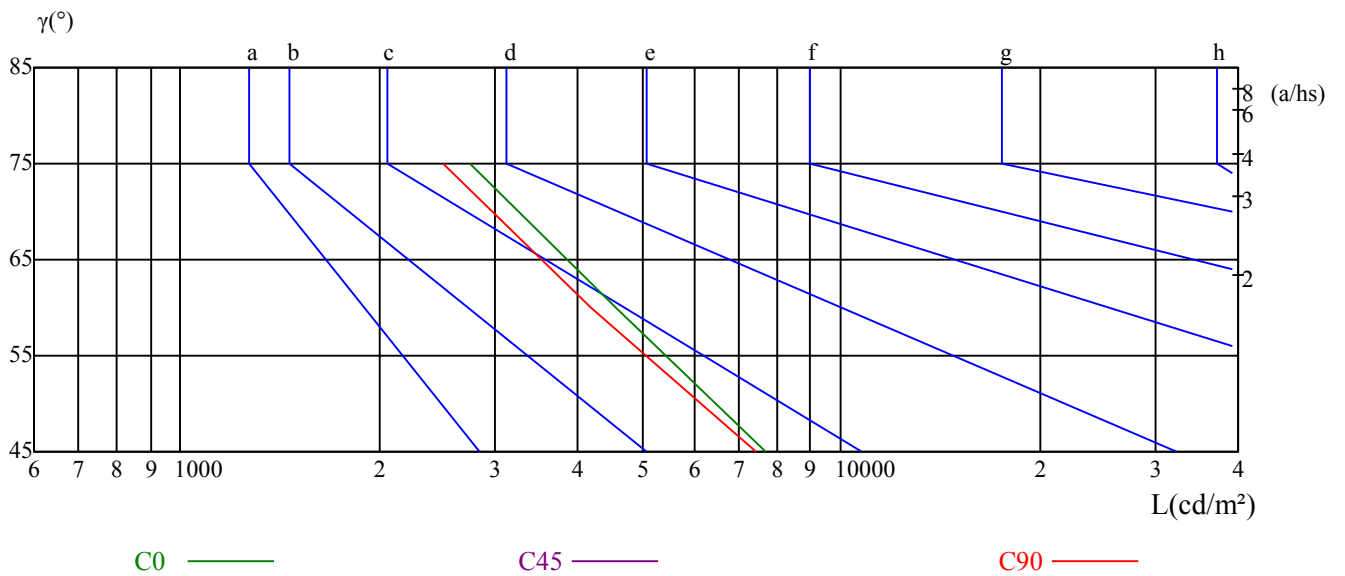
γ	45	50	55	60	65	70	75	80	85
C0	7711	0	0	4574	0	0	2752	0	0
C45	0	0	0	0	0	0	0	0	0
C90	7458	0	0	4178	0	0	2505	0	0

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	≤ 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: 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					

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光强数据表(cd)

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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					