

浙大三色

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ROLED

灯具名称: 投光灯

灯具描述: F2228A-18-36DC-RC-Y(20-PR-18RGBPCA-AJ,Line1000.CT)

报告编号:

电压(V): 25.6000

测试编号: 20210130001

电流(A): 3.1160

光源规格型号: PR

功率(W): 79.8000

每个光源光通量(lm)

功率因数: 1.0250

光源数量: 18

镇流器型号:

发光面长度(mm): 273

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): 3136.22

灯具效能(lm/w): 39.30

中心光强(cd): 13088.370

最大光强(cd): 13807.400

最大光强角度: C=30.0 γ =0.0

半峰边角(50%Imax): [C0/180]Total=22.9

[C90/270]Total=22.8

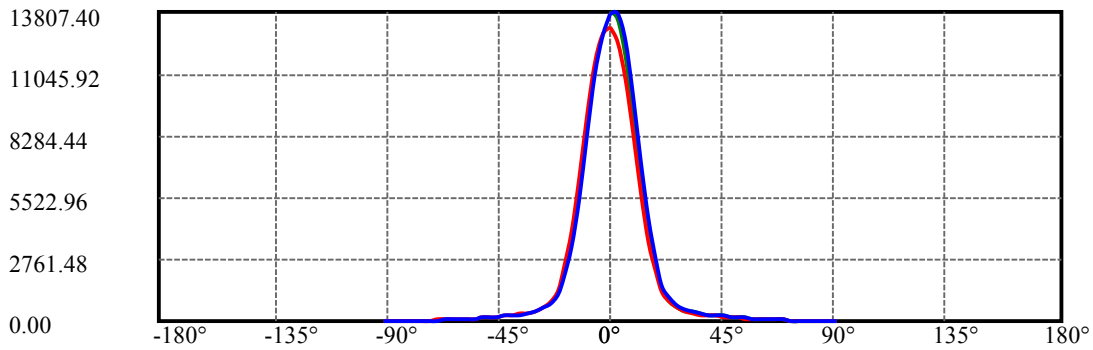
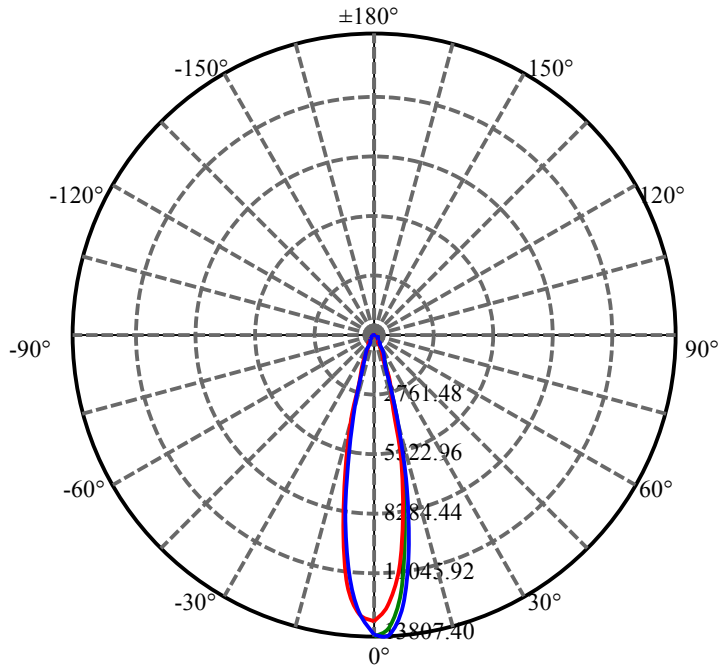
光束扩散角(10%Imax): [C0/180]Total=42.6

[C90/270]Total=42.5

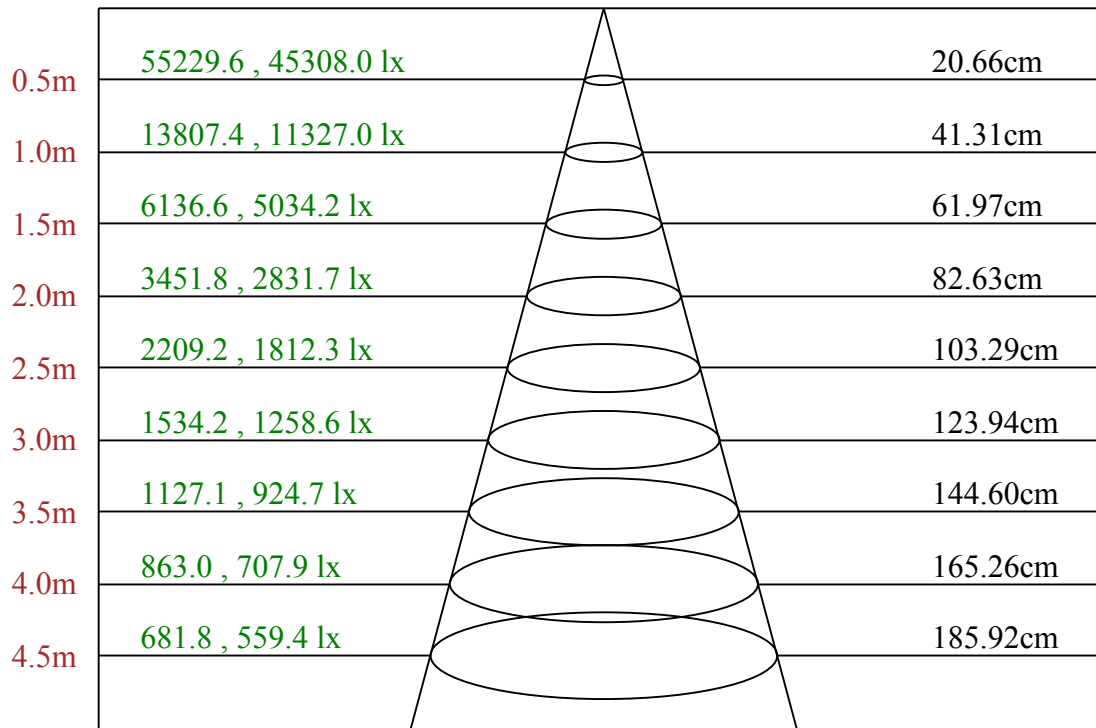
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/1/30
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

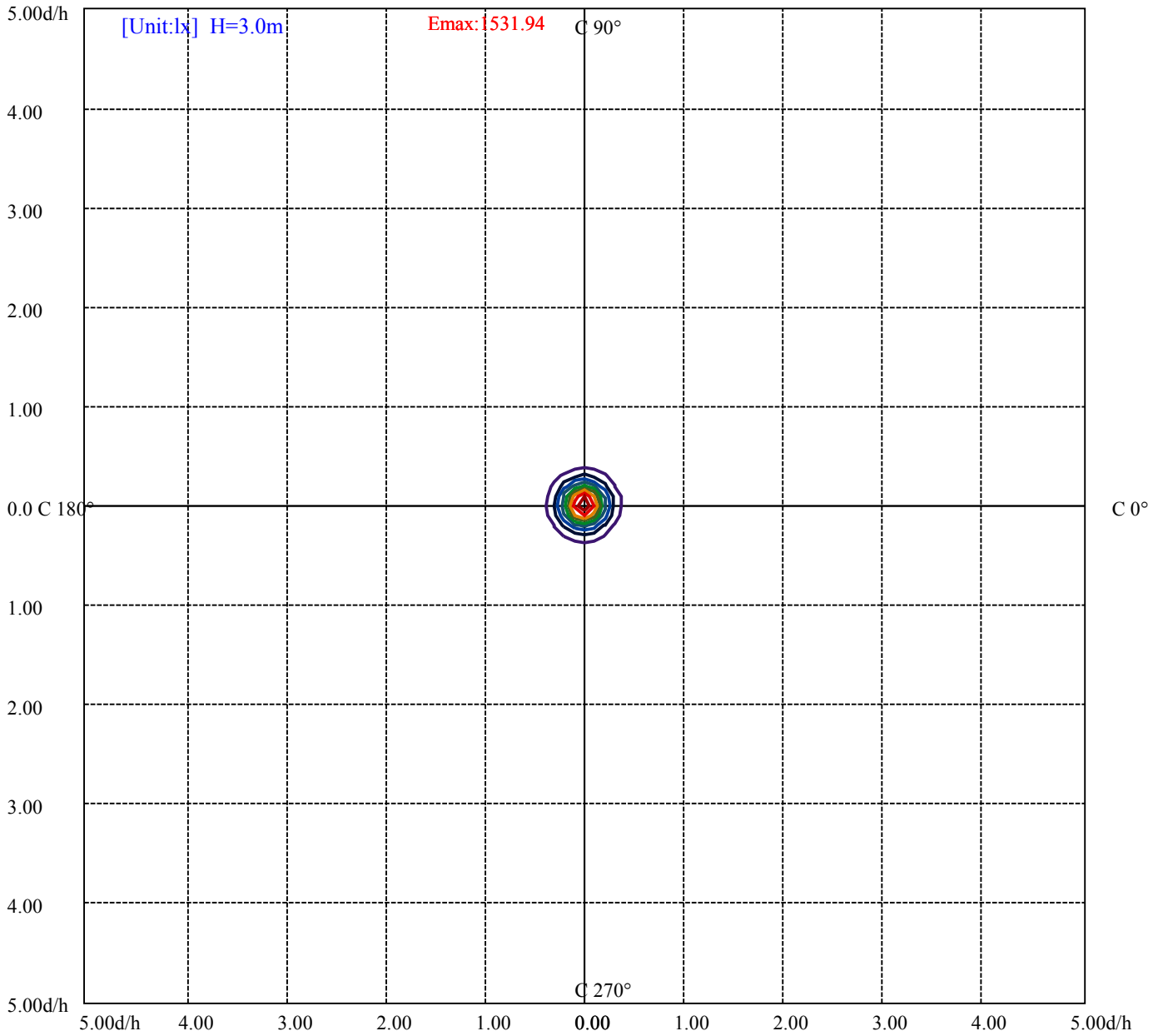


C30(Max): —
C0/C180: —
C90/C270: —



Max , Ave C30面光束角23.34

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平面等照度曲线



- (10%Emax) 153.1933
- (20%Emax) 306.3867
- (30%Emax) 459.5811
- (40%Emax) 612.7745
- (50%Emax) 765.9678
- (60%Emax) 919.1622
- (70%Emax) 1072.356
- (80%Emax) 1225.544
- (90%Emax) 1378.745

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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

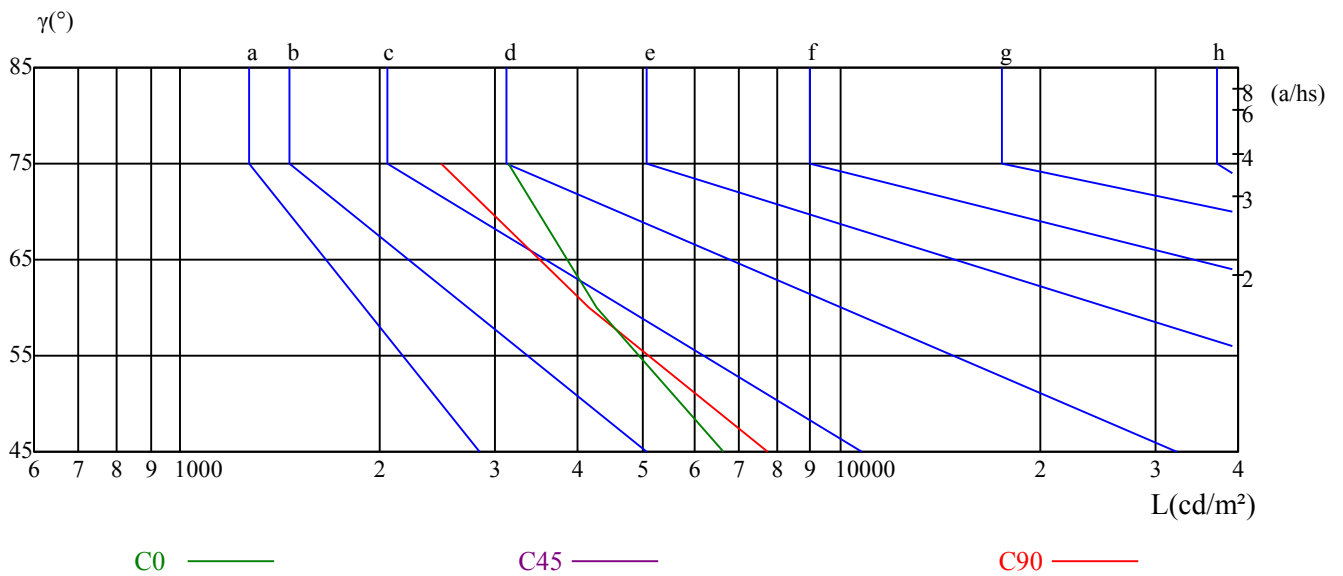
γ	45	50	55	60	65	70	75	80	85
C0	6660	0	0	4280	0	0	3132	0	0
C45	0	0	0	0	0	0	0	0	0
C90	7738	0	0	4160	0	0	2480	0	0

L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
52027	47910	0	3062	2249	0	38327	14368	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($^{\circ}\text{C}$): 25.0

测试日期: 2021/1/30
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	8.56	9.61	8.93	9.92	10.24	8.75	9.79	9.11	10.11	10.42
	3H	9.46	10.39	9.84	10.72	11.09	9.86	10.79	10.25	11.12	11.49
	4H	9.74	10.60	10.14	10.95	11.34	10.29	11.15	10.70	11.50	11.89
	6H	9.84	10.62	10.25	11.00	11.39	10.56	11.35	10.98	11.72	12.12
	8H	9.82	10.56	10.26	10.95	11.36	10.62	11.36	11.06	11.75	12.16
	12H	9.79	10.49	10.22	10.88	11.31	10.69	11.39	11.12	11.78	12.21
4H	2H	8.84	9.69	9.24	10.05	10.44	8.99	9.85	9.40	10.20	10.59
	3H	9.89	10.59	10.30	11.00	11.40	10.27	10.97	10.69	11.38	11.79
	4H	10.24	10.87	10.68	11.29	11.74	10.79	11.41	11.22	11.83	12.28
	6H	10.37	10.91	10.84	11.36	11.83	11.08	11.62	11.55	12.07	12.54
	8H	10.36	10.86	10.84	11.31	11.79	11.17	11.67	11.65	12.12	12.59
	12H	10.33	10.76	10.82	11.25	11.72	11.25	11.68	11.74	12.16	12.64
8H	4H	10.32	10.82	10.79	11.27	11.74	10.82	11.32	11.30	11.77	12.24
	6H	10.50	10.89	11.01	11.40	11.88	11.18	11.57	11.69	12.08	12.56
	8H	10.51	10.86	11.04	11.38	11.88	11.30	11.65	11.83	12.17	12.67
	12H	11.07	11.38	11.60	11.88	12.46	11.96	12.26	12.48	12.76	13.34
12H	4H	10.29	10.72	10.78	11.21	11.68	10.78	11.21	11.27	11.70	12.17
	6H	10.79	10.83	11.01	11.30	11.85	11.46	11.50	11.68	11.97	12.52
	8H	10.51	10.81	11.03	11.31	11.89	11.29	11.60	11.81	12.09	12.67
对应照射距离，改变观察者位置S											
S = 1.0H	0.4/-0.7					0.3/-0.8					
S = 1.5H	0.9/-1.7					1.0/-1.3					
S = 2.0H	3.1/-2.2					2.2/-1.7					
标准表格	BK2					BK2					
更正系数	-2.7					-2.6					

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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	13088.37	12423.82	10800.05	8396.63	5766.83	3549.88	2140.98	1301.47	821.09
30.0	13807.40	13426.78	11810.68	9220.79	6406.05	4016.45	2338.96	1391.25	893.99
60.0	13767.49	13532.68	11960.32	9359.69	6543.42	4039.47	2361.98	1448.12	921.77
90.0	13686.92	13704.57	12502.09	10040.35	7101.30	4502.96	2640.54	1573.89	1007.56
120.0	13708.40	13658.53	12469.86	9970.52	6963.94	4401.67	2576.85	1522.01	993.75
150.0	13607.11	13604.81	12414.61	9997.37	7109.74	4567.42	2682.75	1606.12	999.12
180.0	13088.37	12799.06	11476.88	9147.89	6393.78	4037.17	2384.24	1409.90	886.40
210.0	13807.40	13191.19	11628.82	9051.97	6156.66	3825.37	2283.71	1378.36	873.73
240.0	13767.49	13033.11	11404.74	8853.98	6092.20	3753.24	2213.11	1332.93	859.46
270.0	13686.92	12706.21	10942.01	8279.22	5499.02	3338.85	2001.32	1223.73	797.69
300.0	13708.40	12739.98	10926.67	8365.17	5673.21	3465.47	2048.13	1261.57	808.05
330.0	13607.11	12640.98	10811.56	8194.04	5446.83	3335.78	1955.27	1209.08	785.79
360.0	13088.37	12423.82	10800.05	8396.63	5766.83	3549.88	2140.98	1301.47	821.09
C/γ(°)	27.0	30.0	33.0	36.0	39.0	42.0	45.0	48.0	51.0
0.0	558.65	419.75	339.10	285.69	250.16	224.69	199.29	173.58	150.79
30.0	620.81	468.10	389.06	324.14	281.78	245.18	215.63	188.47	161.99
60.0	644.90	485.60	392.97	330.51	286.54	251.55	223.00	195.99	169.21
90.0	687.57	516.44	409.01	345.78	299.05	262.98	231.52	202.28	171.74
120.0	687.95	511.69	409.78	342.02	295.75	260.60	231.21	203.66	175.27
150.0	679.90	500.33	398.27	335.65	290.22	253.31	223.61	196.14	167.90
180.0	594.64	448.61	365.81	311.86	265.21	232.13	204.58	176.50	154.32
210.0	607.99	456.51	370.49	313.86	271.80	237.58	209.49	180.56	154.55
240.0	599.32	449.68	366.73	309.71	268.43	234.97	206.81	178.88	152.02
270.0	558.11	428.89	348.93	296.28	258.84	226.53	197.29	167.59	139.20
300.0	562.49	431.27	353.38	299.12	259.07	226.84	199.06	172.97	148.26
330.0	547.68	419.68	345.55	293.14	255.15	222.31	195.37	169.97	145.49
360.0	558.65	419.75	339.10	285.69	250.16	224.69	199.29	173.58	150.79
C/γ(°)	54.0	57.0	60.0	63.0	66.0	69.0	72.0	75.0	78.0
0.0	127.46	105.44	90.55	76.51	62.92	51.18	42.59	34.30	24.02
30.0	137.05	114.49	92.62	76.35	62.00	47.88	37.60	28.78	19.80
60.0	142.04	115.18	89.71	69.98	56.17	43.51	34.07	25.55	17.34
90.0	142.89	108.81	88.02	72.98	59.24	46.89	36.99	27.17	16.96
120.0	146.19	118.02	90.17	71.44	56.86	43.13	33.76	25.25	15.73
150.0	142.04	118.48	95.31	76.74	62.69	47.42	35.45	27.63	18.26
180.0	126.77	101.37	85.18	72.13	59.70	49.73	42.05	32.77	22.64
210.0	129.38	107.28	86.41	71.44	58.40	45.66	36.37	27.24	18.19
240.0	128.15	105.28	82.11	63.69	51.34	39.75	31.23	23.56	15.58
270.0	114.11	90.01	74.67	61.31	49.19	38.60	30.70	22.10	12.28
300.0	124.55	100.83	77.58	61.85	50.03	38.75	30.46	22.87	14.58
330.0	123.78	103.29	84.41	69.22	55.56	42.21	33.07	24.48	16.73
360.0	127.46	105.44	90.55	76.51	62.92	51.18	42.59	34.30	24.02
C/γ(°)	81.0	84.0	87.0	90.0					
0.0	16.58	9.44	4.30	2.92					
30.0	11.51	4.83	0.69	0.08					
60.0	9.06	2.46	0.46	0.08					
90.0	9.52	2.30	0.46	0.08					
120.0	8.67	2.61	0.46	0.08					
150.0	10.67	4.68	0.92	0.15					
180.0	14.27	6.52	2.23	1.61					
210.0	10.51	3.91	0.54	0.00					
240.0	7.75	1.61	0.31	0.00					
270.0	5.99	0.84	0.31	0.08					
300.0	7.29	1.23	0.31	0.08					
330.0	9.67	3.15	0.38	0.15					
360.0	16.58	9.44	4.30	2.92					