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ROLED

灯具名称: 投光灯
灯具描述: FWK2231B8-1-24DC-RC-Y(55-OST-1RGBWN-AJ.P4)
报告编号: 电压(V): 23.8000
测试编号: 20221217002 电流(A): 0.6240
光源规格型号: OST 功率(W): 14.8000
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): 55 发光面宽度 (mm): 55
测试模式: C 发光面高度(mm): 0

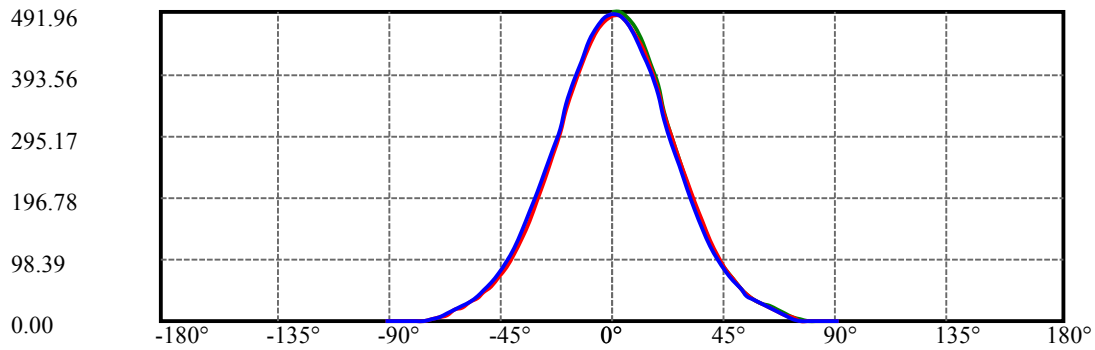
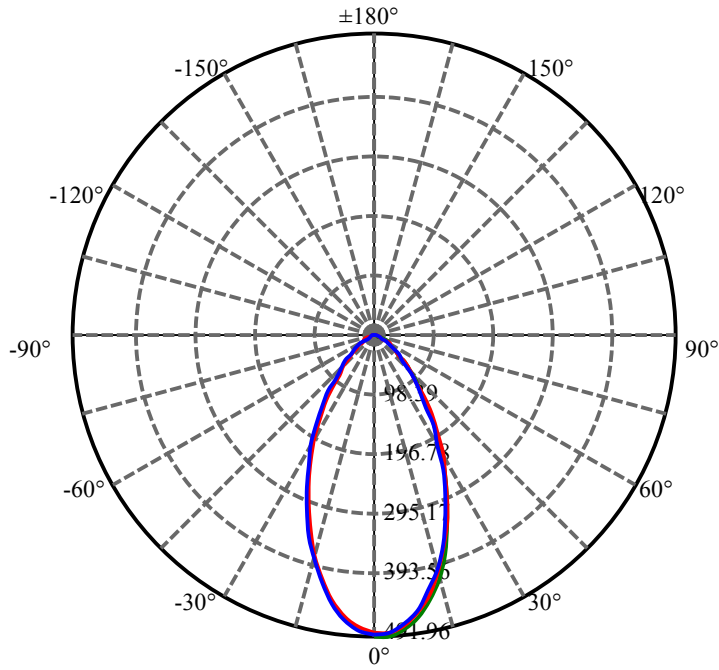
光度结果

灯具光通量(lm): 484.99
灯具效能(lm/w): 32.77
中心光强(cd): 485.814
最大光强(cd): 491.955
最大光强角度: $C=30.0 \gamma=0.0$
半峰边角(50%Imax): [C0/180]Total=54.0
 [C90/270]Total=53.5
光束扩散角(10%Imax): [C0/180]Total=102.3
 [C90/270]Total=102.6

测试设备: GMS-1800
环境温度(°C): 25.0

测试日期: 2022/12/17
环境湿度(%): 60.0%

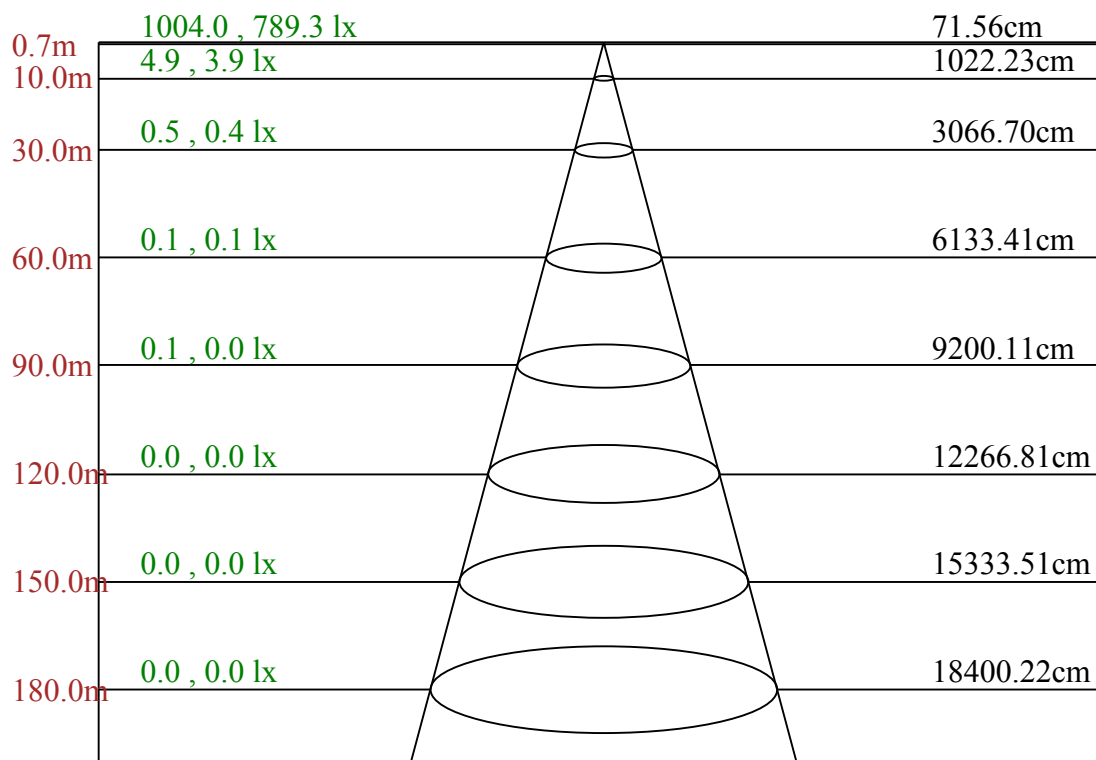
测试人员: 安培楼
测试距离(m): 9.30



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

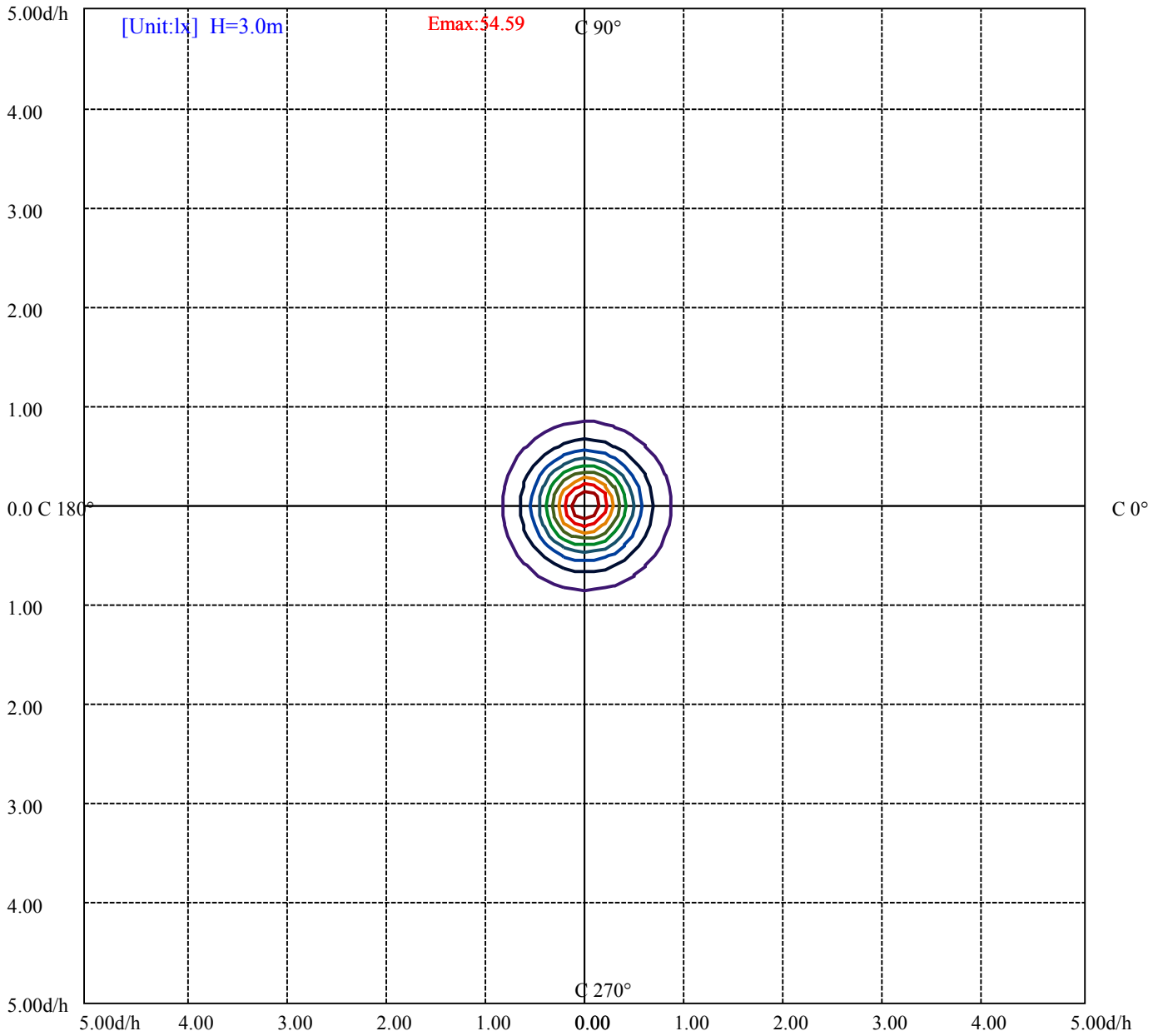
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照度距离图表



Max , Ave C30面光束角54.12

ROLED 投光灯
平面等照度曲线



(10%Emax) 5.458956	——
(20%Emax) 10.91792	——
(30%Emax) 16.37689	——
(40%Emax) 21.83589	——
(50%Emax) 27.29478	——
(60%Emax) 32.75378	——
(70%Emax) 38.21267	——
(80%Emax) 43.67167	——
(90%Emax) 49.13066	——

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灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

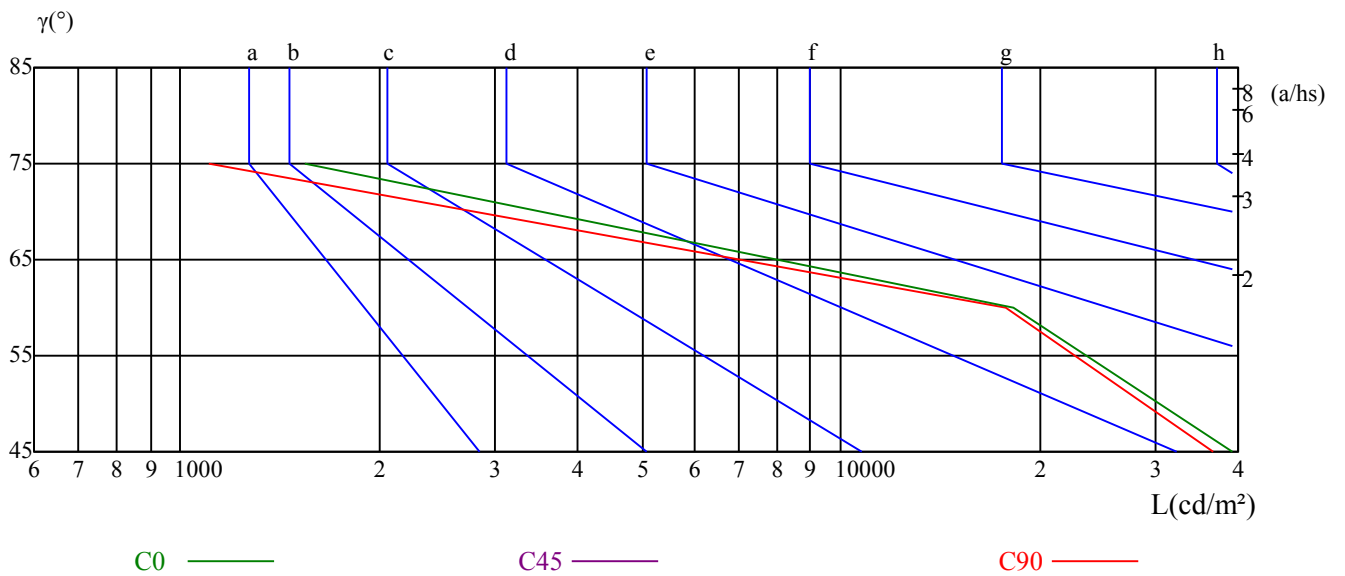
γ	45	50	55	60	65	70	75	80	85
C0	39222	0	0	18299	0	0	1547	0	0
C45	0	0	0	0	0	0	0	0	0
C90	36594	0	0	17784	0	0	1105	0	0

L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
0	0	0	884	608	0	0	0	0

眩光等级表

眩光等级	质量等级	使用照度(lx)							
		a	b	c	d	e	f	g	h
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

亮度限制曲线



ROLED 投光灯

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	485.81	485.21	474.92	456.23	432.45	402.44	366.72	330.13	294.76
30.0	491.96	491.78	482.96	467.31	442.22	410.74	374.42	332.73	293.63
60.0	490.66	488.67	478.55	460.73	434.87	403.13	365.94	328.23	288.44
90.0	489.71	486.33	473.79	453.64	425.88	396.47	360.23	321.31	281.96
120.0	488.32	481.23	465.06	441.19	411.43	378.31	342.76	307.56	270.45
150.0	487.46	480.11	463.85	439.28	410.22	376.58	338.09	301.16	265.44
180.0	485.81	477.34	461.60	437.29	407.71	372.25	335.58	299.08	262.32
210.0	491.96	485.21	468.78	446.29	416.62	382.63	343.54	302.46	266.22
240.0	490.66	483.83	469.90	447.85	418.01	384.10	345.96	309.63	273.65
270.0	489.71	483.39	467.48	444.82	413.85	381.07	344.75	305.66	270.80
300.0	488.32	484.52	470.25	446.63	417.31	385.75	350.03	315.77	281.61
330.0	487.46	483.57	469.81	446.63	417.31	386.18	352.10	316.29	280.75
360.0	485.81	485.21	474.92	456.23	432.45	402.44	366.72	330.13	294.76
C/γ(°)	27.0	30.0	33.0	36.0	39.0	42.0	45.0	48.0	51.0
0.0	257.74	223.92	189.41	158.28	129.13	103.96	83.90	67.38	53.28
30.0	255.49	220.90	186.04	154.82	126.36	102.14	82.94	67.12	53.45
60.0	249.96	214.84	179.47	148.94	121.35	98.86	79.74	64.18	51.63
90.0	246.06	209.91	176.70	145.82	120.05	97.21	78.27	63.31	51.03
120.0	234.39	201.00	169.09	139.42	113.99	92.03	73.95	60.02	48.17
150.0	232.05	197.72	165.02	136.57	111.66	90.81	73.60	58.81	46.70
180.0	227.38	193.13	160.27	131.55	106.73	86.58	69.97	55.96	45.06
210.0	230.93	197.63	164.68	136.05	110.97	89.52	72.65	58.12	46.96
240.0	237.59	203.08	170.04	141.15	115.90	93.58	75.77	60.63	48.17
270.0	237.93	204.64	173.15	143.57	117.28	95.14	77.06	61.49	48.87
300.0	247.36	213.89	180.76	151.18	123.42	100.24	80.95	64.35	50.86
330.0	248.14	214.75	183.79	151.96	124.72	100.85	81.39	64.61	51.29
360.0	257.74	223.92	189.41	158.28	129.13	103.96	83.90	67.38	53.28
C/γ(°)	54.0	57.0	60.0	63.0	66.0	69.0	72.0	75.0	78.0
0.0	42.38	34.34	27.68	21.54	14.96	9.34	4.67	1.21	0.09
30.0	42.64	34.94	28.63	23.27	18.08	11.68	6.14	2.25	0.17
60.0	41.60	33.56	27.85	22.57	17.47	11.50	5.97	1.99	0.17
90.0	41.00	33.90	26.90	20.58	14.36	8.48	4.07	0.86	0.09
120.0	39.01	31.83	26.73	21.62	16.52	10.21	5.10	1.47	0.00
150.0	38.32	31.74	26.47	21.02	15.74	9.60	4.58	1.21	0.09
180.0	36.33	29.23	22.83	16.87	10.29	5.62	1.82	0.17	0.00
210.0	38.23	31.48	25.51	19.89	14.01	7.96	3.63	0.61	0.09
240.0	38.57	31.74	26.03	20.50	14.79	8.48	3.98	0.78	0.09
270.0	39.27	31.48	24.48	17.64	11.59	6.66	2.42	0.09	0.09
300.0	40.39	32.87	27.07	21.71	16.35	10.12	5.36	1.64	0.09
330.0	41.08	33.39	27.33	22.23	17.13	11.16	5.97	1.99	0.17
360.0	42.38	34.34	27.68	21.54	14.96	9.34	4.67	1.21	0.09
C/γ(°)	81.0	84.0	87.0	90.0					
0.0	0.00	0.00	0.00	0.00					
30.0	0.09	0.00	0.00	0.00					
60.0	0.09	0.09	0.00	0.00					
90.0	0.09	0.09	0.00	0.00					
120.0	0.00	0.00	0.00	0.00					
150.0	0.00	0.00	0.00	0.00					
180.0	0.00	0.00	0.00	0.00					
210.0	0.09	0.00	0.09	0.00					
240.0	0.00	0.00	0.00	0.00					
270.0	0.00	0.00	0.00	0.00					
300.0	0.00	0.09	0.00	0.00					
330.0	0.00	0.09	0.00	0.00					
360.0	0.00	0.00	0.00	0.00					