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ROLED

灯具名称: 投光灯
灯具描述: FWK2231B8-1-24DC-RC-Y(20-OST-1RGBWN-AJ.P4)
报告编号: 电压(V): 23.8000
测试编号: 20221216003 电流(A): 0.6250
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

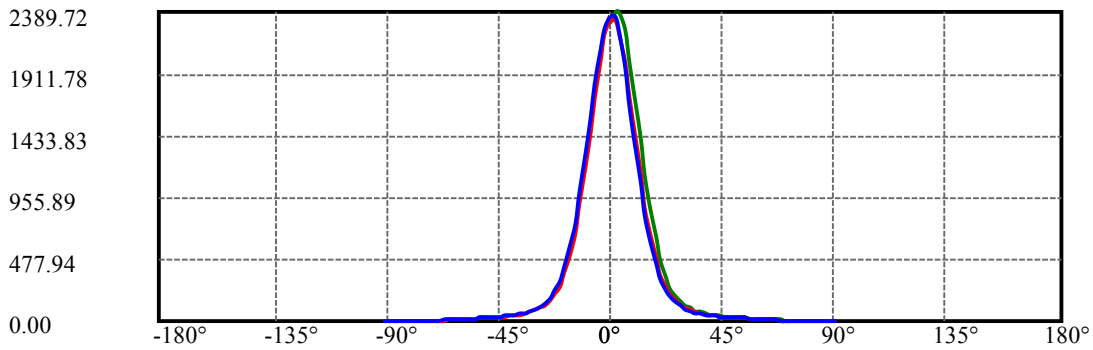
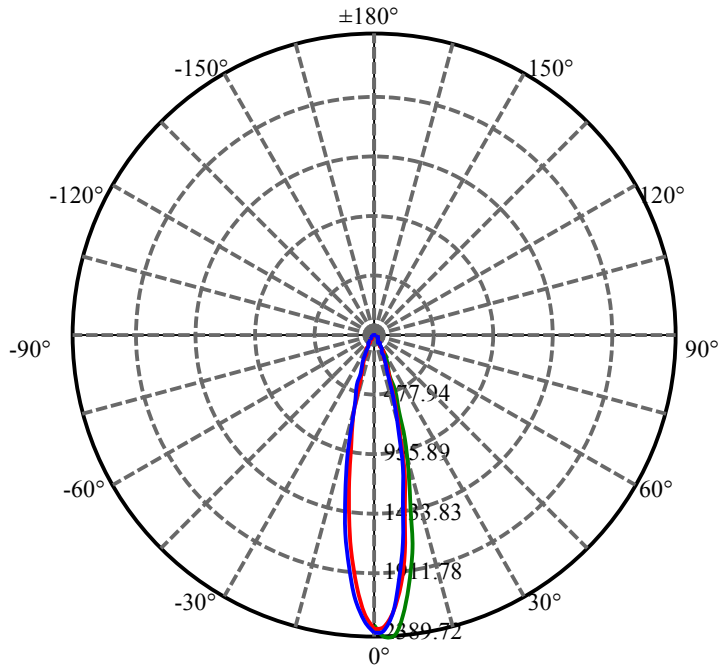
光度结果

灯具光通量(lm): 542.33
灯具效能(lm/w): 36.64
中心光强(cd): 2330.041
最大光强(cd): 2389.719
最大光强角度: $C=30.0 \gamma=2.0$
半峰边角(50%Imax): [C0/180]Total=21.9
 [C90/270]Total=21.9
光束扩散角(10%Imax): [C0/180]Total=44.3
 [C90/270]Total=44.3

测试设备: GMS-1800
环境温度(°C): 25.0

测试日期: 2022/12/16
环境湿度(%): 60.0%

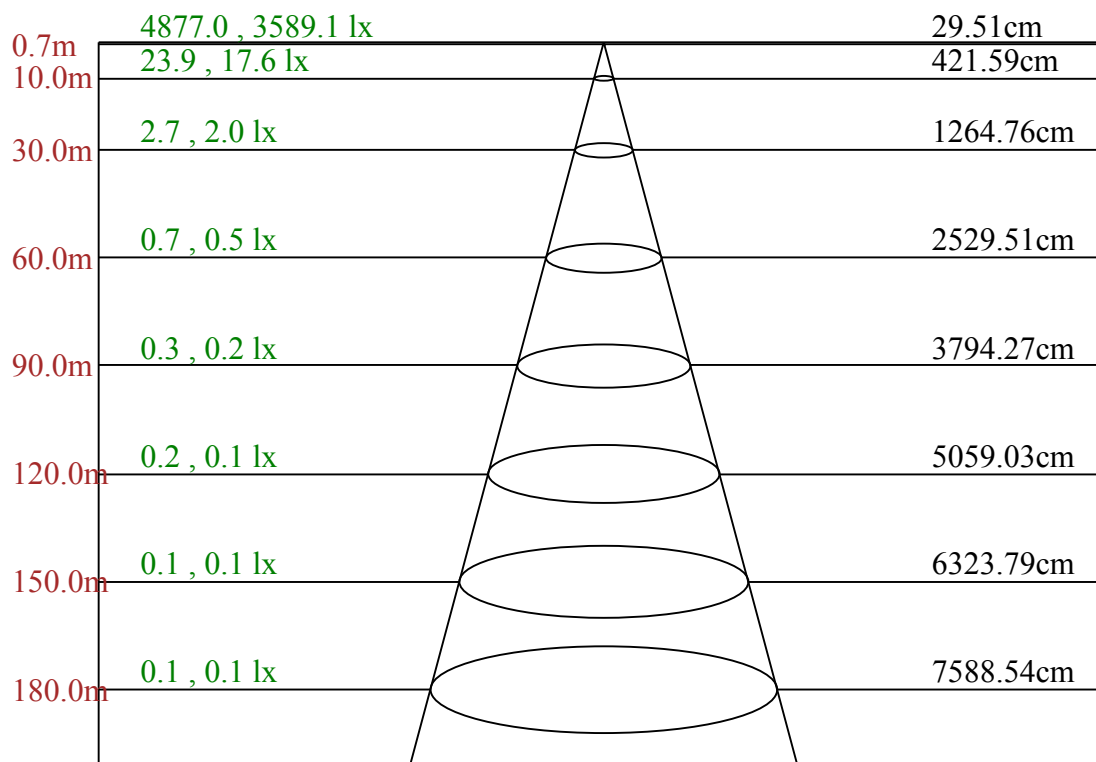
测试人员: 安培楼
测试距离(m): 9.30



C30(Max): —
C0/C180: —
C90/C270: —

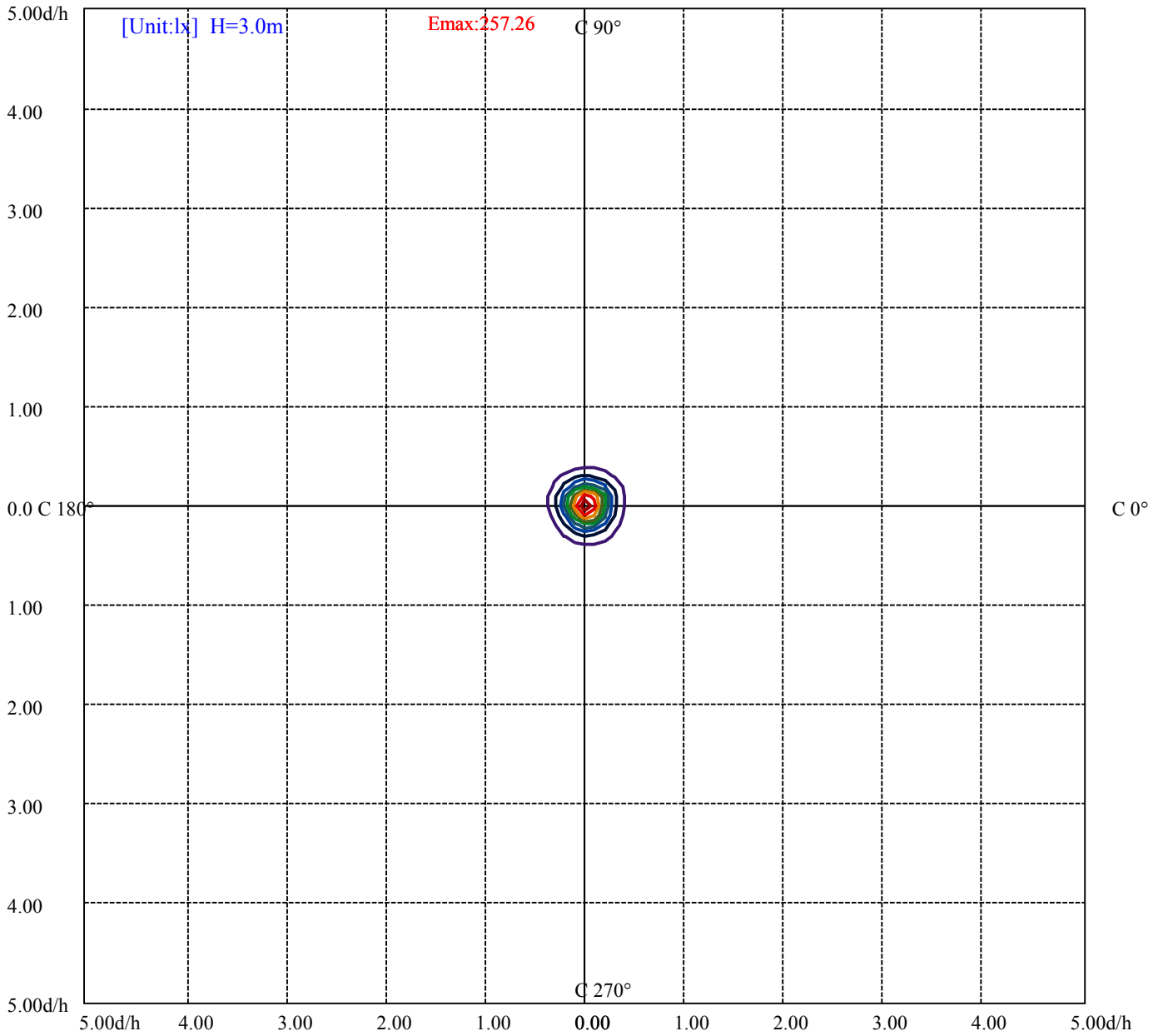
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照度距离图表



Max , Ave C30面光束角23.76

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平面等照度曲线



(10%Emax) 25.72611	—
(20%Emax) 51.45211	—
(30%Emax) 77.17822	—
(40%Emax) 102.9042	—
(50%Emax) 128.63	—
(60%Emax) 154.3567	—
(70%Emax) 180.0822	—
(80%Emax) 205.8089	—
(90%Emax) 231.5345	—

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测试人员: 安培楼
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灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

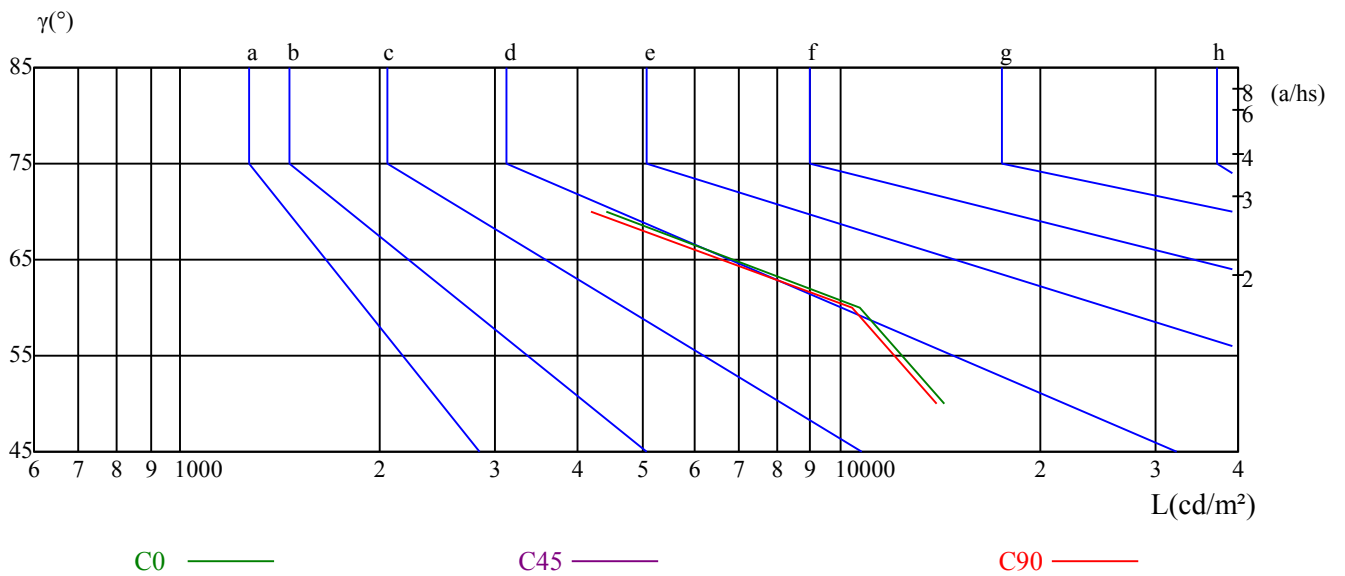
γ	45	50	55	60	65	70	75	80	85
C0	0	14367	0	10693	0	4431	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	14011	0	10407	0	4180	0	0	0

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	0	0	0	0	0	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



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光强数据表(cd)

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C/γ(°)	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0
0.0	2330.04	2316.20	2198.58	1984.08	1730.66	1438.33	1143.40	881.33	666.84
30.0	2298.04	2389.72	2375.88	2235.77	2008.30	1713.37	1413.25	1132.15	857.12
60.0	2332.64	2353.39	2232.31	2000.51	1714.15	1450.61	1153.00	887.99	660.35
90.0	2353.39	2342.15	2204.63	1947.75	1661.47	1344.92	1069.02	817.33	608.02
120.0	2365.50	2302.36	2104.30	1850.89	1558.20	1265.61	986.50	759.81	567.29
150.0	2350.80	2288.53	2078.35	1845.70	1550.77	1243.73	982.53	740.35	558.73
180.0	2330.04	2212.41	1999.65	1719.16	1465.14	1171.07	911.43	680.07	508.13
210.0	2298.04	2125.06	1851.75	1557.86	1246.41	952.08	704.89	525.43	380.64
240.0	2332.64	2231.44	2029.06	1775.64	1472.06	1181.45	904.69	689.33	507.70
270.0	2353.39	2263.44	2097.38	1847.43	1586.40	1277.37	992.21	761.28	576.46
300.0	2365.50	2316.20	2188.20	1966.78	1696.07	1421.03	1105.34	860.58	649.54
330.0	2350.80	2306.69	2176.09	1957.27	1707.92	1412.73	1116.24	864.47	650.92
360.0	2330.04	2316.20	2198.58	1984.08	1730.66	1438.33	1143.40	881.33	666.84
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	495.59	363.26	271.41	203.51	157.58	124.72	101.45	83.90	70.14
30.0	646.95	470.51	342.07	253.50	192.79	149.11	118.40	96.96	79.83
60.0	481.92	350.28	264.40	199.96	155.42	122.56	98.86	81.39	68.33
90.0	450.61	329.61	244.59	185.69	145.48	115.81	95.31	79.31	66.60
120.0	419.65	311.36	234.39	181.46	141.32	114.34	93.06	76.80	64.52
150.0	440.23	310.15	234.56	183.01	143.23	114.25	93.93	77.41	65.13
180.0	366.98	274.00	205.15	159.31	124.72	100.85	83.72	69.80	59.25
210.0	277.81	211.30	161.39	128.01	103.87	85.45	71.79	61.67	53.62
240.0	365.33	273.31	204.98	158.54	123.68	100.93	82.94	70.49	60.02
270.0	421.73	316.03	234.65	177.48	140.46	110.45	90.73	75.42	64.00
300.0	486.94	362.91	271.67	208.09	161.13	126.97	101.54	84.24	69.88
330.0	487.98	361.70	273.39	207.06	161.48	127.40	103.44	85.02	70.49
360.0	495.59	363.26	271.41	203.51	157.58	124.72	101.45	83.90	70.14
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	59.85	51.72	45.15	39.87	36.15	32.78	30.19	27.94	25.77
30.0	66.86	56.91	49.56	43.42	38.49	34.86	31.48	28.80	26.21
60.0	58.64	50.68	44.63	39.79	35.81	32.61	30.19	27.85	25.69
90.0	56.74	49.47	43.33	38.66	35.20	32.09	29.58	27.24	25.34
120.0	55.53	48.00	42.21	37.88	34.34	31.31	28.71	26.47	24.13
150.0	55.35	47.83	41.86	37.54	33.73	30.62	28.02	25.60	23.35
180.0	50.94	44.72	39.44	35.55	32.09	29.23	26.73	24.39	22.49
210.0	47.31	42.47	38.23	34.94	32.00	29.75	27.42	25.51	23.53
240.0	51.63	45.75	40.39	36.50	33.13	30.53	28.11	25.95	24.04
270.0	54.66	47.66	42.21	37.71	34.16	31.05	28.63	26.29	24.04
300.0	59.42	51.29	44.80	39.61	35.89	32.69	29.75	27.50	25.26
330.0	59.94	51.55	45.32	39.96	35.98	32.69	29.93	27.68	25.43
360.0	59.85	51.72	45.15	39.87	36.15	32.78	30.19	27.94	25.77
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	23.78	21.71	19.29	16.17	13.67	11.24	8.74	6.66	4.58
30.0	24.04	21.88	19.81	17.73	15.40	13.15	10.72	8.30	6.05
60.0	23.53	21.45	19.46	17.47	15.57	13.15	10.64	8.22	5.88
90.0	23.27	21.36	18.85	15.74	13.41	10.90	8.48	6.31	4.32
120.0	21.97	20.15	18.08	16.26	14.18	11.94	9.43	7.18	4.84
150.0	21.28	19.29	17.30	15.48	13.58	11.16	8.91	6.40	4.41
180.0	20.41	18.51	15.57	13.06	10.64	8.30	6.23	4.15	2.51
210.0	21.71	19.81	17.90	15.91	13.41	10.47	8.04	5.79	3.72
240.0	22.05	20.07	18.08	16.17	13.84	11.42	8.99	6.57	4.50
270.0	21.97	19.89	17.13	14.27	12.11	9.51	7.44	5.36	3.37
300.0	23.01	20.93	19.03	16.95	14.88	12.45	9.86	7.44	5.28
330.0	23.44	21.36	19.29	17.30	15.40	12.89	10.38	8.22	5.71
360.0	23.78	21.71	19.29	16.17	13.67	11.24	8.74	6.66	4.58

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光强数据表(cd)

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C/ γ (°)	72.0	74.0	76.0	78.0	80.0	82.0	84.0	86.0	88.0
0.0	2.77	1.21	0.35	0.00	0.00	0.00	0.00	0.00	0.00
30.0	4.07	2.34	0.86	0.09	0.00	0.00	0.00	0.00	0.00
60.0	3.89	2.08	0.69	0.00	0.00	0.00	0.00	0.00	0.00
90.0	2.51	0.95	0.09	0.00	0.00	0.00	0.00	0.00	0.00
120.0	2.85	1.47	0.35	0.00	0.00	0.00	0.00	0.00	0.00
150.0	2.68	1.21	0.26	0.00	0.00	0.00	0.00	0.00	0.00
180.0	1.04	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
210.0	1.90	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00
240.0	2.51	1.21	0.17	0.00	0.00	0.00	0.00	0.00	0.00
270.0	1.82	0.52	0.00	0.09	0.00	0.00	0.00	0.00	0.00
300.0	3.46	1.90	0.69	0.09	0.00	0.00	0.00	0.00	0.00
330.0	3.81	1.99	0.69	0.00	0.00	0.00	0.00	0.00	0.00
360.0	2.77	1.21	0.35	0.00	0.00	0.00	0.00	0.00	0.00

C/ γ (°)	90.0
0.0	0.00
30.0	0.00
60.0	0.00
90.0	0.00
120.0	0.00
150.0	0.00
180.0	0.00
210.0	0.00
240.0	0.00
270.0	0.00
300.0	0.00
330.0	0.00
360.0	0.00