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ROLED

灯具名称: 投光灯
灯具描述: FWK2231B8-1-24DC-RC-Y(12-OST-1RGBWN-AJ.P4)
报告编号: 电压(V): 23.8000
测试编号: 20221216001 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

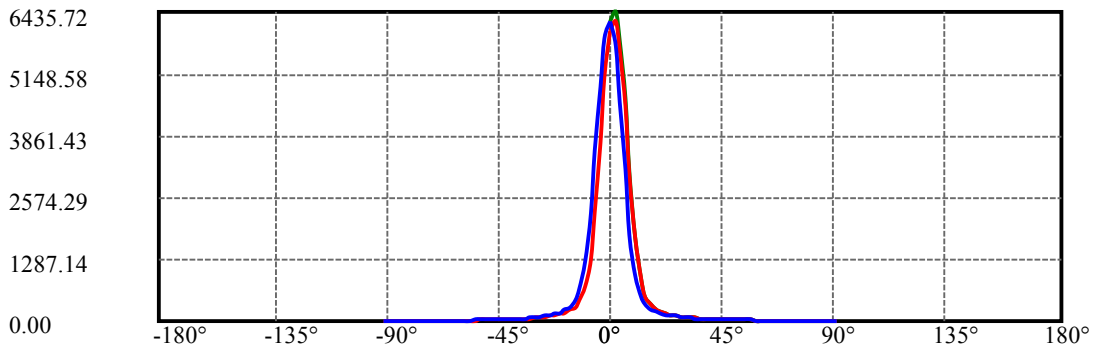
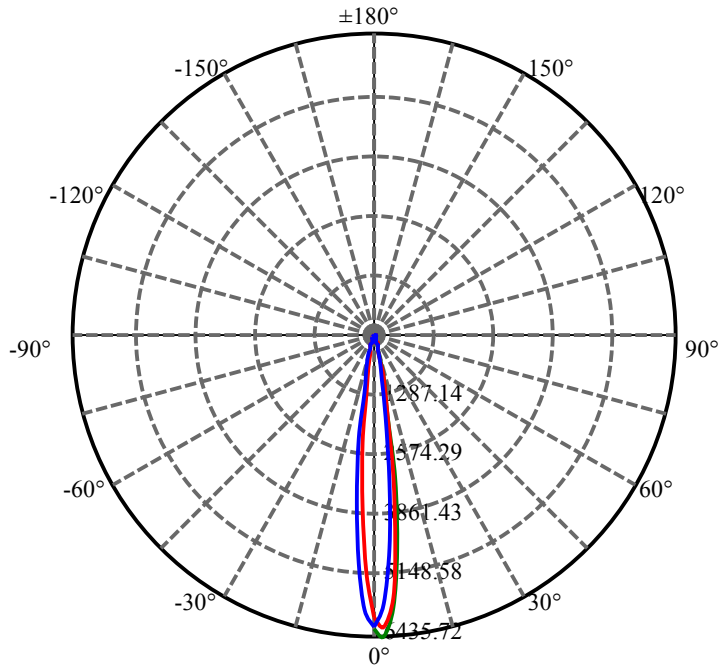
光度结果

灯具光通量(lm): 549.48
灯具效能(lm/w): 37.13
中心光强(cd): 6033.543
最大光强(cd): 6435.722
最大光强角度: $C=30.0 \gamma=2.0$
半峰边角(50%Imax): [C0/180]Total=13.0
 [C90/270]Total=12.8
光束扩散角(10%Imax): [C0/180]Total=24.4
 [C90/270]Total=24.1

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%

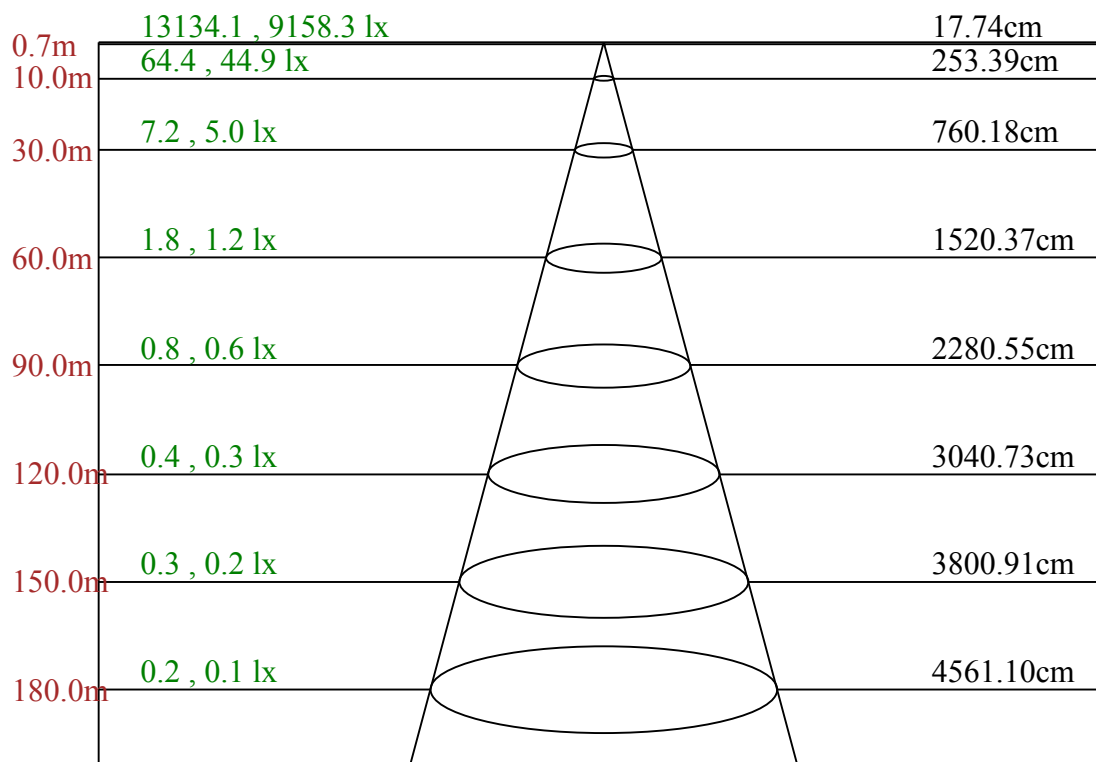
测试人员: 安培楼
测试距离(m): 9.30



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

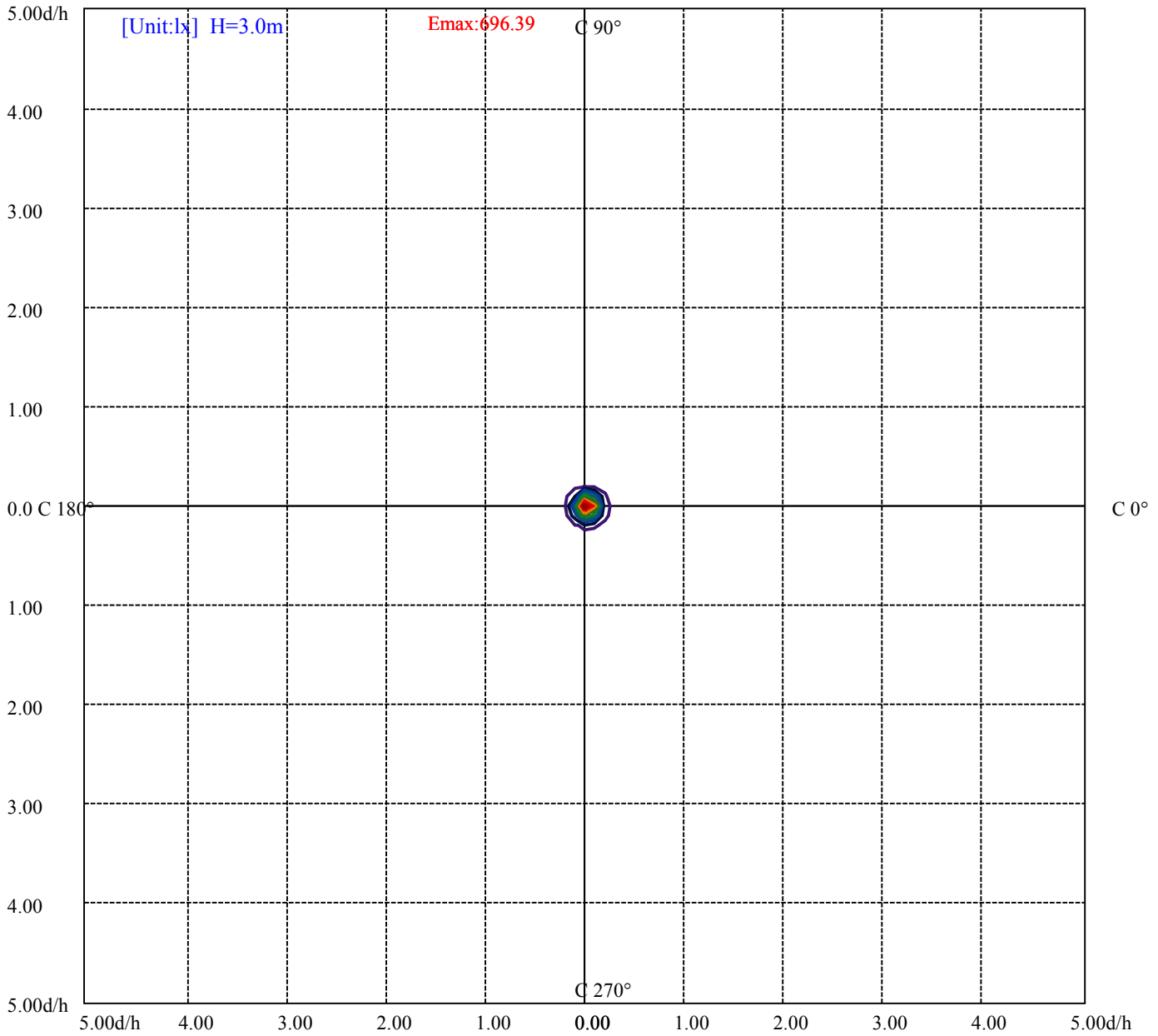
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照度距离图表



Max , Ave C30面光束角14.43

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平面等照度曲线



- (10%Emax) 69.63889
- (20%Emax) 139.2778
- (30%Emax) 208.9167
- (40%Emax) 278.5555
- (50%Emax) 348.1945
- (60%Emax) 417.8333
- (70%Emax) 487.4722
- (80%Emax) 557.1111
- (90%Emax) 626.75

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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

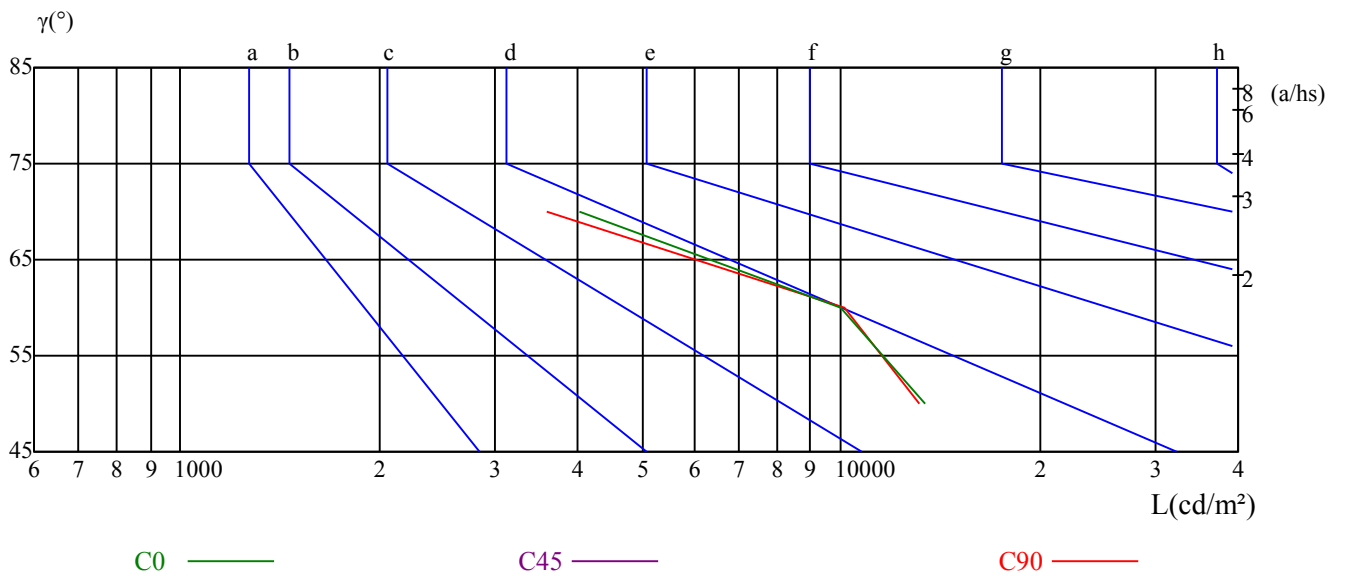
γ	45	50	55	60	65	70	75	80	85
C0	0	13433	0	10007	0	4013	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	13166	0	10121	0	3595	0	0	0

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



测试设备: GMS-1800
环境温度($^{\circ}\text{C}$): 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

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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	6033.54	6244.58	5622.71	4476.72	3038.39	1767.86	928.04	534.51	343.62
30.0	6251.50	6435.72	5825.10	4622.89	3111.05	1744.50	934.09	517.21	341.81
60.0	6283.50	6031.81	5042.37	3723.39	2261.71	1237.84	647.64	394.39	283.60
90.0	6229.01	5730.83	4568.40	3156.02	1796.40	947.07	531.05	352.36	257.57
120.0	6139.93	5159.13	3764.91	2317.07	1270.97	678.95	428.30	301.85	232.31
150.0	6203.06	5191.99	3748.48	2315.34	1276.59	685.00	441.10	299.69	228.33
180.0	6033.54	5073.50	3709.56	2293.71	1292.59	700.05	423.46	296.40	224.10
210.0	6251.50	5352.00	4060.71	2518.59	1404.60	731.19	429.77	297.35	227.04
240.0	6283.50	5706.61	4646.24	3189.75	1856.08	1011.93	552.67	354.87	256.53
270.0	6229.01	5884.78	4894.47	3574.63	2227.12	1242.69	691.66	437.03	296.23
300.0	6139.93	6230.74	5553.52	4335.74	2995.15	1794.67	998.09	594.19	440.23
330.0	6203.06	6350.96	5653.85	4493.16	3108.45	1686.99	1019.46	607.94	385.49
360.0	6033.54	6244.58	5622.71	4476.72	3038.39	1767.86	928.04	534.51	343.62
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	246.93	195.64	158.97	132.16	110.27	95.31	82.17	72.05	62.96
30.0	250.73	196.85	161.04	135.01	113.65	97.39	85.19	73.78	64.61
60.0	218.30	176.70	146.43	123.33	104.83	90.81	79.48	69.02	60.37
90.0	203.34	167.96	139.34	117.37	100.41	87.61	76.37	66.77	58.64
120.0	187.51	156.11	129.48	109.50	95.31	82.86	72.48	63.22	55.27
150.0	185.95	153.35	127.57	108.37	93.93	81.56	70.84	61.93	54.06
180.0	178.77	146.60	123.16	104.13	89.34	78.19	67.89	59.07	51.63
210.0	179.38	147.29	122.82	102.84	88.83	76.98	67.20	59.07	51.72
240.0	199.96	161.91	134.41	111.40	94.88	81.99	71.44	62.36	54.66
270.0	224.18	178.69	145.82	121.86	103.36	88.83	76.72	67.20	58.47
300.0	274.95	213.72	171.94	140.20	117.37	101.02	86.58	75.07	65.47
330.0	271.15	211.12	169.26	140.03	117.19	99.72	86.06	74.64	64.95
360.0	246.93	195.64	158.97	132.16	110.27	95.31	82.17	72.05	62.96
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	54.83	48.43	43.07	38.40	34.51	31.31	28.54	26.12	23.96
30.0	56.22	49.56	43.94	39.44	35.29	31.83	29.23	26.64	24.30
60.0	52.93	46.88	42.03	37.80	33.99	30.88	28.46	26.12	23.96
90.0	51.46	45.67	40.74	36.84	33.21	30.44	28.02	25.60	23.61
120.0	48.61	43.25	39.09	35.03	32.00	29.41	26.90	24.65	22.66
150.0	47.57	42.29	38.06	34.16	30.96	28.46	26.03	23.87	21.88
180.0	45.67	40.48	36.33	32.61	29.58	27.24	25.00	22.75	20.93
210.0	46.10	41.26	37.28	33.30	30.53	28.11	25.86	23.61	21.54
240.0	48.35	42.99	38.66	34.51	31.48	28.89	26.64	24.48	22.31
270.0	51.63	45.67	40.56	36.50	32.95	29.84	27.50	25.17	23.09
300.0	56.56	49.56	43.76	39.09	35.11	31.66	28.97	26.38	24.13
330.0	56.56	49.90	44.02	39.09	35.03	31.66	28.97	26.47	24.13
360.0	54.83	48.43	43.07	38.40	34.51	31.31	28.54	26.12	23.96
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	21.88	20.33	18.25	15.14	12.37	10.03	8.04	6.14	4.15
30.0	22.31	20.58	18.85	17.04	15.05	12.28	9.60	7.35	5.45
60.0	21.97	20.41	18.77	16.87	15.14	12.80	9.86	7.44	5.36
90.0	21.80	20.07	18.25	15.31	12.20	9.77	7.78	5.79	3.72
120.0	20.93	19.29	17.64	15.74	13.84	10.72	8.30	6.05	4.15
150.0	20.24	18.60	16.87	15.14	13.06	10.29	7.70	5.54	3.81
180.0	19.29	17.64	14.96	11.94	9.60	7.44	5.62	3.89	2.25
210.0	19.98	18.34	16.52	14.70	12.71	9.95	7.52	5.71	3.72
240.0	20.58	18.85	17.04	15.14	13.06	10.47	8.04	6.05	4.24
270.0	21.10	19.29	15.91	13.15	10.81	8.74	6.75	4.93	2.94
300.0	21.88	19.98	17.99	16.26	13.92	11.07	8.82	6.75	4.67
330.0	22.05	20.24	18.25	16.26	14.27	11.59	8.99	6.92	5.02
360.0	21.88	20.33	18.25	15.14	12.37	10.03	8.04	6.14	4.15

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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	2.51	1.21	0.17	0.00	0.00	0.00	0.00	0.00	0.00
30.0	3.63	1.99	0.69	0.00	0.00	0.09	0.00	0.00	0.00
60.0	3.55	1.82	0.61	0.00	0.00	0.00	0.00	0.00	0.00
90.0	1.99	0.78	0.09	0.00	0.00	0.09	0.00	0.00	0.00
120.0	2.42	0.95	0.09	0.00	0.00	0.00	0.00	0.00	0.00
150.0	2.08	0.78	0.09	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.95	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
210.0	1.90	0.61	0.17	0.00	0.00	0.00	0.00	0.00	0.00
240.0	2.42	0.95	0.17	0.00	0.00	0.00	0.00	0.00	0.00
270.0	1.38	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300.0	2.85	1.30	0.35	0.00	0.00	0.00	0.09	0.00	0.00
330.0	3.11	1.64	0.52	0.00	0.00	0.00	0.00	0.00	0.00
360.0	2.51	1.21	0.17	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								