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ROLED

灯具名称: 投光灯
灯具描述: FWK2231B8-1-24DC-RC-Y(15-OST-1RGBWN-AJ.P4)
报告编号: 电压(V): 23.8000
测试编号: 20221216002 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

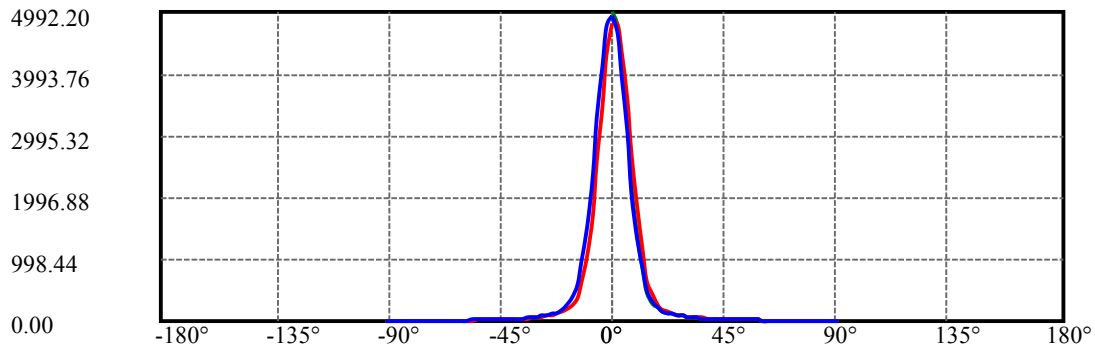
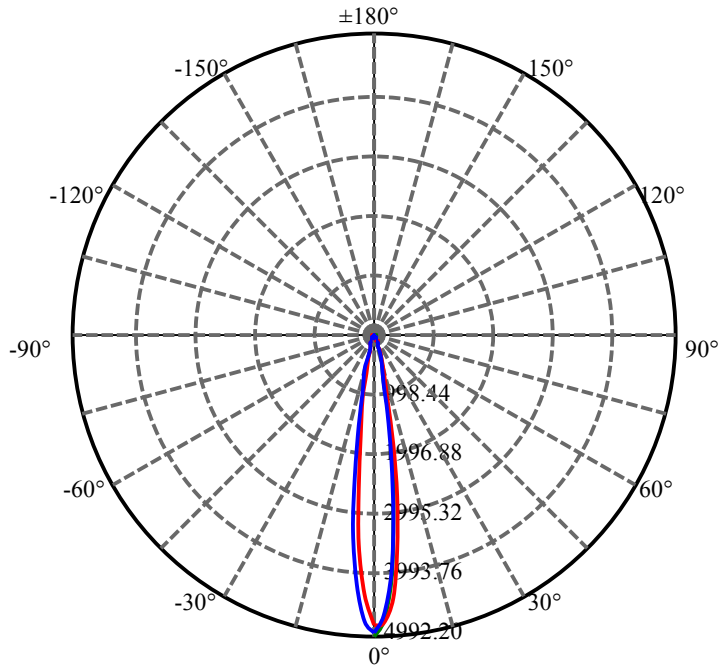
光度结果

灯具光通量(lm): 533.95
灯具效能(lm/w): 36.08
中心光强(cd): 4800.195
最大光强(cd): 4992.203
最大光强角度: C=30.0 $\gamma=0.0$
半峰边角(50%Imax): [C0/180]Total=15.1
 [C90/270]Total=15.0
光束扩散角(10%Imax): [C0/180]Total=28.8
 [C90/270]Total=29.0

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%

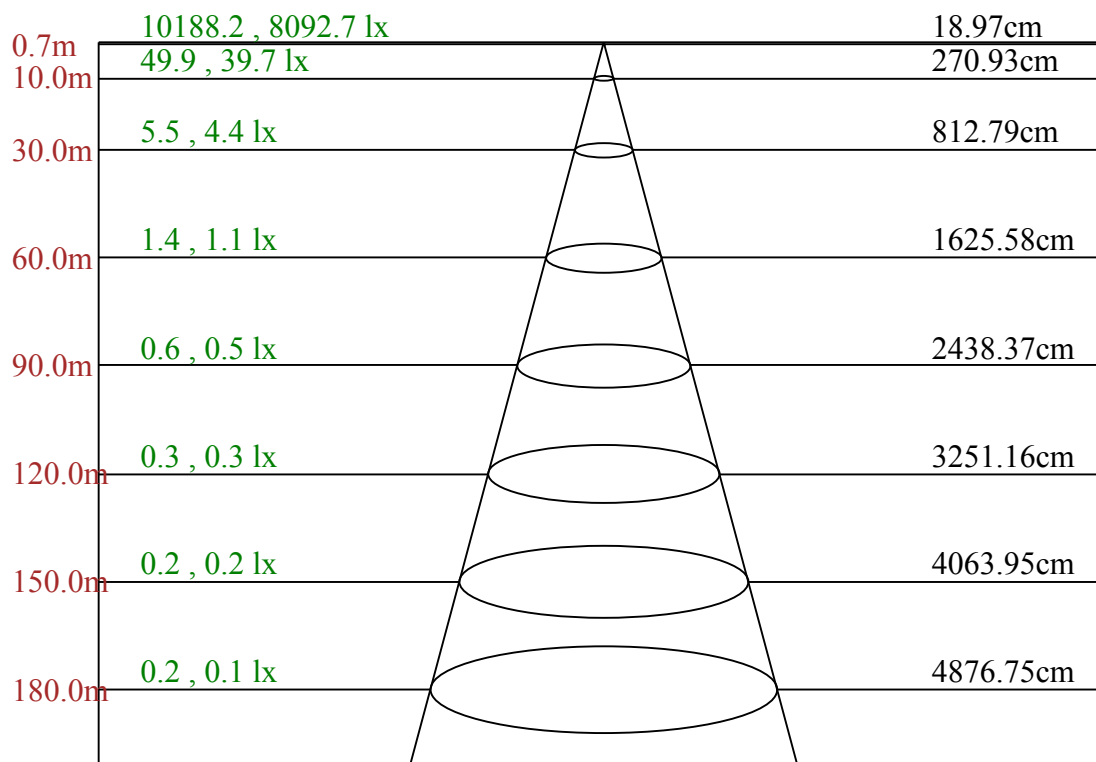
测试人员: 安培楼
测试距离(m): 9.30



C30(Max): —
C0/C180: —
C90/C270: —

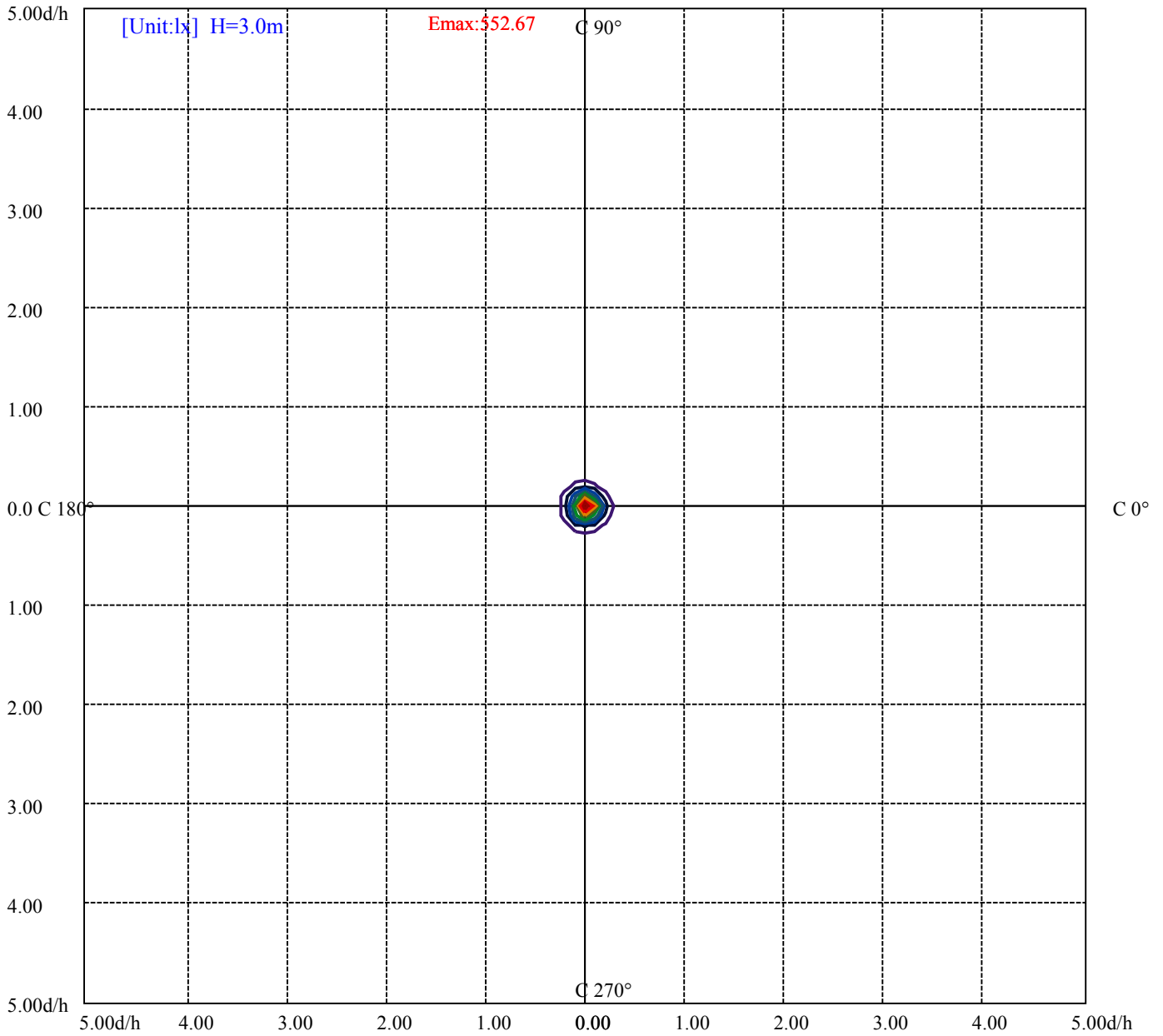
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照度距离图表



Max, Ave C30面光束角15.43

ROLED 投光灯
平面等照度曲线



- (10%Emax) 55.26678
- (20%Emax) 110.5336
- (30%Emax) 165.8
- (40%Emax) 221.0667
- (50%Emax) 276.3344
- (60%Emax) 331.6011
- (70%Emax) 386.8678
- (80%Emax) 442.1344
- (90%Emax) 497.4011

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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

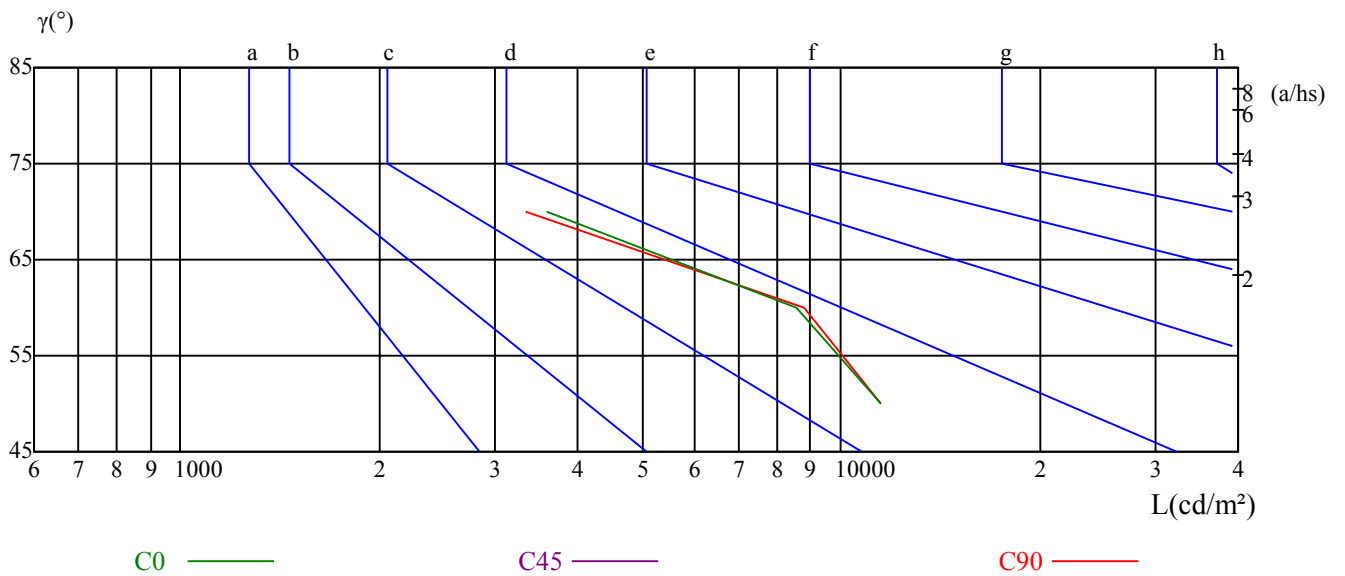
γ	45	50	55	60	65	70	75	80	85
C0	0	11476	0	8578	0	3595	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	11521	0	8806	0	3344	0	0	0

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
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光强数据表(cd)

C/γ(°)	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0
0.0	4800.20	4768.19	4352.18	3568.58	2713.19	1846.56	1105.34	638.30	440.23
30.0	4992.20	4731.00	4071.95	3185.43	2209.82	1404.60	800.90	467.05	293.63
60.0	4955.88	4582.24	3881.67	2912.12	1692.70	1226.43	736.98	426.66	272.36
90.0	4927.34	4632.40	3950.00	3028.01	2085.27	1331.08	832.90	486.07	299.51
120.0	4891.01	4583.97	3859.18	2918.17	1860.40	1320.10	809.98	493.51	307.90
150.0	4877.17	4603.86	3918.86	3015.91	2065.38	1314.65	835.49	504.24	320.36
180.0	4800.20	4294.23	3460.46	2567.02	1713.11	1051.46	634.75	383.06	254.45
210.0	4992.20	4755.22	4063.30	3195.81	2272.96	1476.12	816.03	476.91	291.64
240.0	4955.88	4836.52	4276.07	3440.57	2522.05	1623.42	974.74	580.35	360.75
270.0	4927.34	4749.17	4131.63	3276.24	2355.12	1524.91	959.17	599.89	375.19
300.0	4891.01	4740.52	4147.20	3377.43	2442.48	1646.77	1028.37	656.46	441.96
330.0	4877.17	4672.19	4056.38	3209.64	2353.39	1533.38	963.84	591.42	368.45
360.0	4800.20	4768.19	4352.18	3568.58	2713.19	1846.56	1105.34	638.30	440.23
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	257.74	189.50	149.80	121.00	101.02	85.71	73.86	63.83	55.61
30.0	210.69	163.12	133.11	110.45	93.32	80.61	69.36	60.54	52.67
60.0	194.86	152.40	125.41	104.65	89.60	77.32	66.86	58.03	51.03
90.0	213.20	162.69	130.60	108.54	92.63	79.31	68.07	59.33	51.46
120.0	214.58	164.24	133.63	110.88	93.06	79.74	68.15	58.47	50.60
150.0	219.77	165.63	131.81	109.84	92.20	78.53	67.81	58.21	50.77
180.0	181.63	143.66	116.68	97.82	82.68	70.84	61.41	53.19	46.27
210.0	206.19	158.36	126.88	104.91	88.05	74.73	63.83	55.79	48.52
240.0	234.39	173.50	135.79	109.58	90.99	77.50	66.25	57.17	49.99
270.0	241.65	177.82	137.78	111.23	93.93	79.31	67.72	58.47	50.68
300.0	264.57	190.28	147.72	120.65	100.41	84.85	71.61	61.84	53.28
330.0	245.37	182.75	144.78	117.54	98.08	82.60	70.75	61.15	52.67
360.0	257.74	189.50	149.80	121.00	101.02	85.71	73.86	63.83	55.61
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	48.43	42.38	37.19	32.87	29.58	26.64	24.39	22.31	20.50
30.0	46.01	40.22	35.81	31.74	28.80	26.12	24.04	21.88	20.07
60.0	44.37	39.01	34.86	31.22	28.37	25.77	23.78	21.80	20.15
90.0	44.97	39.35	35.20	31.48	28.71	26.21	24.22	22.40	20.58
120.0	44.37	39.01	34.42	31.05	28.20	25.77	23.70	21.80	19.98
150.0	43.68	38.40	33.90	30.44	27.50	24.82	22.83	20.84	19.11
180.0	40.48	35.72	31.66	28.54	25.86	23.44	21.45	19.72	18.16
210.0	42.21	37.19	33.04	29.67	26.81	24.39	22.23	20.50	18.85
240.0	43.50	38.49	33.82	30.44	27.50	25.08	22.92	21.02	19.20
270.0	44.02	38.83	34.34	30.62	27.76	25.17	23.18	21.28	19.55
300.0	46.10	40.56	35.89	31.74	28.71	26.29	23.96	22.05	20.33
330.0	46.01	40.39	35.89	31.74	28.71	25.95	23.78	21.88	19.98
360.0	48.43	42.38	37.19	32.87	29.58	26.64	24.39	22.31	20.50
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	18.68	17.38	15.74	12.97	10.90	8.91	7.01	5.28	3.72
30.0	18.60	17.21	15.91	14.70	13.32	10.98	8.48	6.49	4.58
60.0	18.60	17.30	16.00	14.79	13.32	11.07	8.56	6.49	4.50
90.0	19.03	17.56	16.00	13.32	10.90	8.91	6.92	5.19	3.46
120.0	18.51	17.04	15.57	14.10	12.28	9.77	7.52	5.62	3.98
150.0	17.64	16.17	14.79	13.32	11.68	9.34	7.35	5.36	3.81
180.0	16.69	15.40	13.15	10.90	8.99	7.18	5.45	3.72	2.34
210.0	17.13	15.48	13.84	12.37	10.90	9.17	7.27	5.36	3.81
240.0	17.30	15.74	14.18	12.71	11.33	9.34	7.70	5.79	4.07
270.0	17.82	16.17	14.27	11.85	9.86	7.96	6.23	4.50	2.94
300.0	18.51	17.13	15.65	14.18	12.28	9.95	7.87	5.97	4.24
330.0	18.60	17.21	15.74	14.18	12.63	10.12	8.04	6.14	4.15
360.0	18.68	17.38	15.74	12.97	10.90	8.91	7.01	5.28	3.72

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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	2.16	0.86	0.26	0.00	0.00	0.00	0.00	0.00	0.00
30.0	3.11	1.73	0.61	0.09	0.00	0.00	0.00	0.00	0.00
60.0	3.03	1.56	0.43	0.00	0.00	0.00	0.00	0.00	0.00
90.0	1.99	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.0	2.34	1.04	0.26	0.00	0.00	0.00	0.00	0.00	0.00
150.0	2.16	0.86	0.00	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	2.25	0.95	0.17	0.00	0.00	0.00	0.00	0.00	0.00
240.0	2.51	1.21	0.35	0.00	0.00	0.00	0.00	0.00	0.00
270.0	1.47	0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300.0	2.68	1.38	0.35	0.00	0.00	0.00	0.00	0.00	0.00
330.0	2.68	1.30	0.35	0.00	0.00	0.00	0.00	0.00	0.00
360.0	2.16	0.86	0.26	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								