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ROLED

灯具名称: 投光灯
灯具描述: FWK2331B8-3-24DC-RC-Y(12-OST-3RGBWN-AJ.P4)
报告编号: 电压(V): 23.7000
测试编号: 20221217004 电流(A): 1.4140
光源规格型号: OST 功率(W): 33.6000
每个光源光通量(lm) 功率因数: 1.0230
光源数量: 3 镇流器型号:
发光面长度(mm): 85 发光面宽度 (mm): 85
测试模式: C 发光面高度(mm): 0

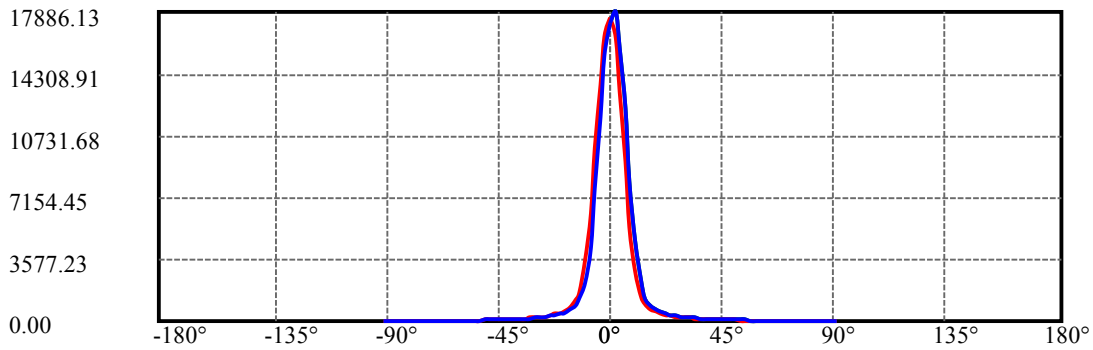
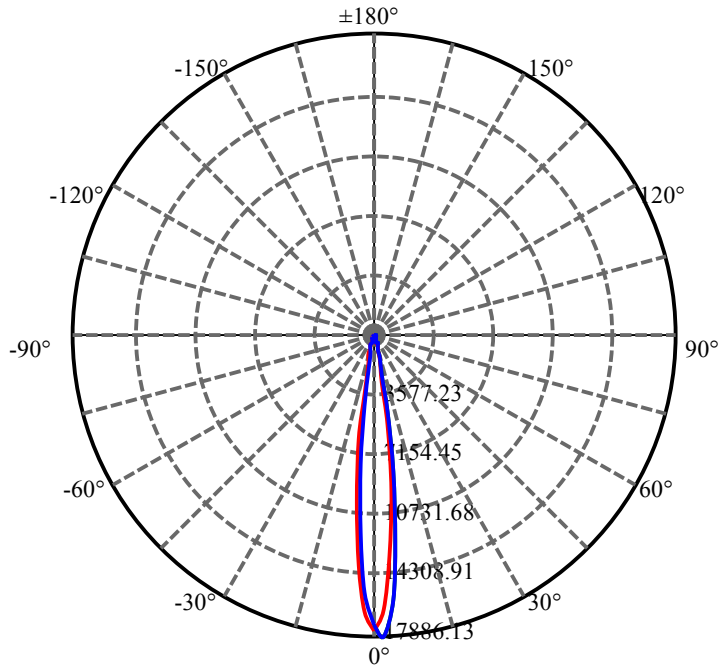
光度结果

灯具光通量(lm): 1510.38
灯具效能(lm/w): 44.95
中心光强(cd): 17522.880
最大光强(cd): 17886.130
最大光强角度: C=90.0 $\gamma=2.0$
半峰边角(50%Imax): [C0/180]Total=12.9
 [C90/270]Total=13.3
光束扩散角(10%Imax): [C0/180]Total=23.5
 [C90/270]Total=24.4

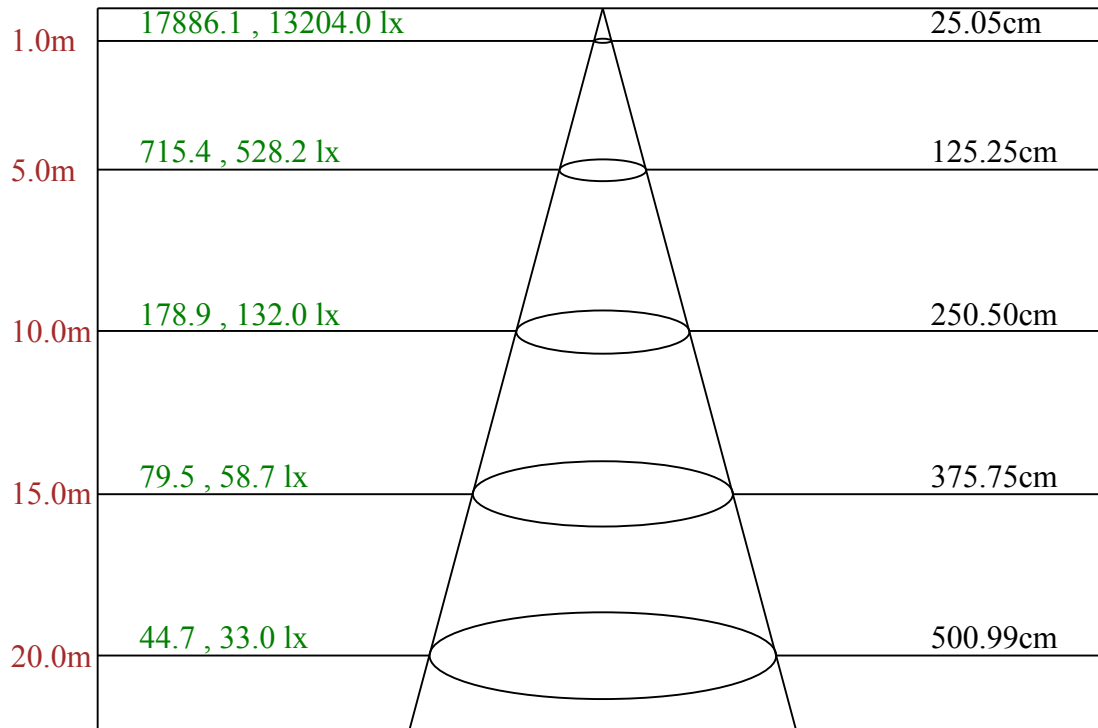
测试设备: GMS-1800
环境温度(°C): 25.0

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

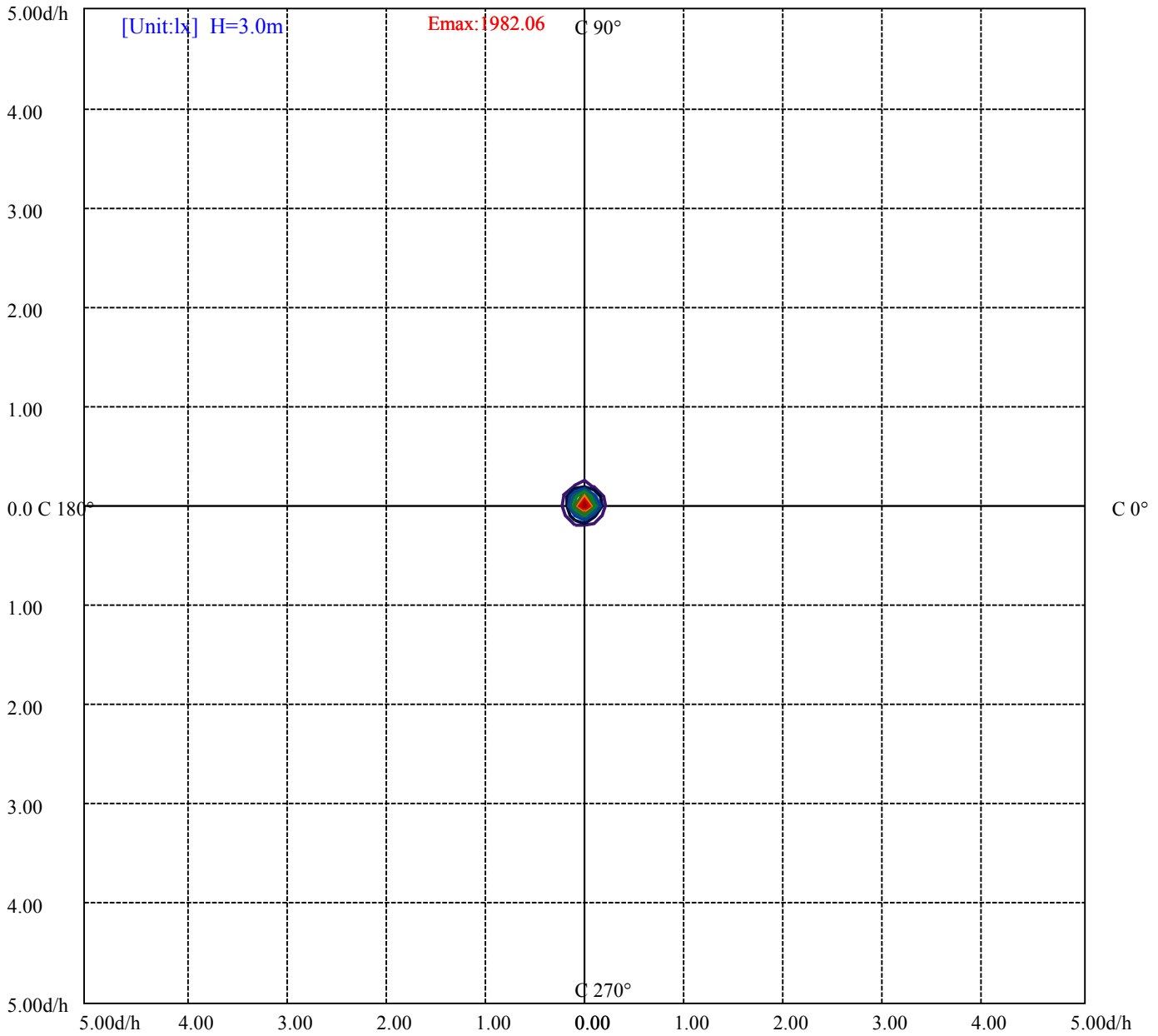


C90(Max): ———
C0/C180: ———
C90/C270: ———



Max, Ave C90面光束角14.27

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平面等照度曲线



- (10%Emax) 198.2056
- (20%Emax) 396.4111
- (30%Emax) 594.6166
- (40%Emax) 792.8222
- (50%Emax) 991.0278
- (60%Emax) 1189.233
- (70%Emax) 1387.444
- (80%Emax) 1585.644
- (90%Emax) 1783.856

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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

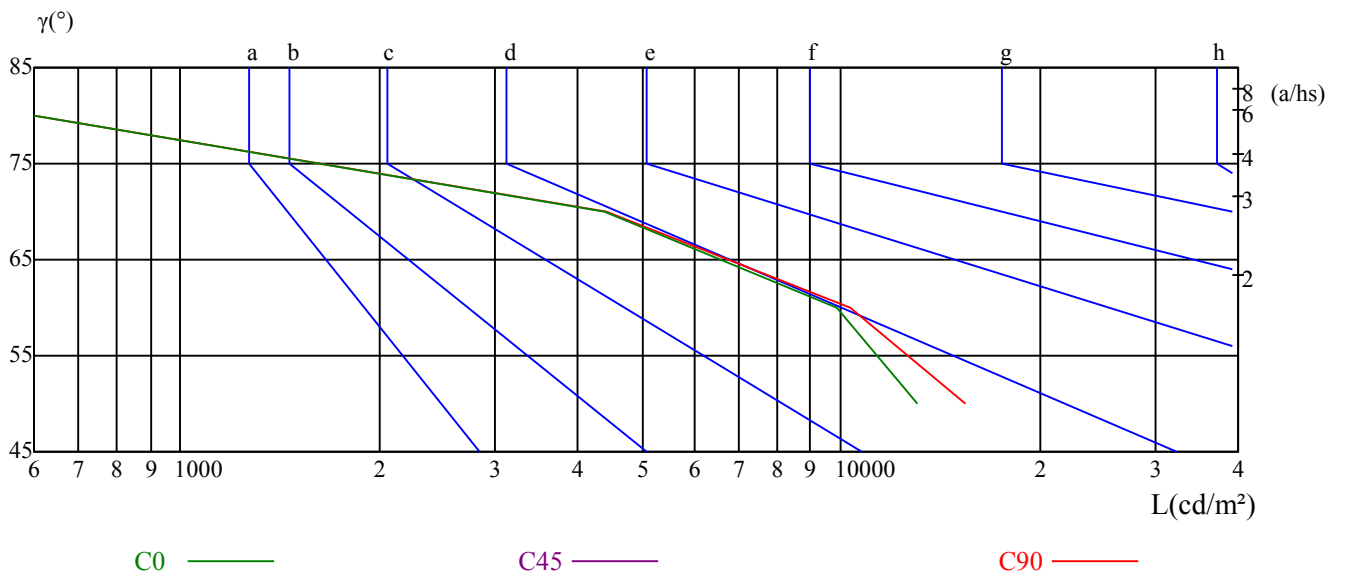
γ	45	50	55	60	65	70	75	80	85
C0	0	13036	0	9840	0	4375	0	207	0
C45	0	0	0	0	0	0	0	0	0
C90	0	15439	0	10343	0	4410	0	276	0

L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
16046	18072	0	3585	4348	0	618	687	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(°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

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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	17522.87	16329.31	13189.73	9271.73	5388.33	2876.66	1475.52	951.39	681.54
30.0	17816.94	16865.55	13985.43	9903.11	6149.44	3319.49	1883.75	1152.91	800.90
60.0	17860.19	17222.75	14442.97	10598.48	6619.94	3725.99	1712.33	1251.60	853.22
90.0	17239.19	17886.13	15810.37	12290.23	8112.76	4679.11	2437.29	1362.22	900.36
120.0	17756.40	17233.13	15546.58	12045.46	7853.29	4333.15	2260.85	1277.20	861.09
150.0	17251.30	17514.23	15403.87	11875.08	7974.38	4454.24	2342.15	1344.92	866.63
180.0	17522.87	16456.45	13689.64	9966.24	6186.63	3535.71	1697.71	1198.15	801.24
210.0	17816.94	16458.18	13360.98	9376.38	5848.45	3159.48	1689.15	1120.05	793.11
240.0	17860.19	16104.44	12990.80	8934.42	5249.94	2812.65	1612.17	1022.31	725.65
270.0	17239.19	15276.73	11802.43	7630.15	4231.96	2247.88	1288.10	855.21	627.31
300.0	17756.40	15749.83	12195.09	7957.08	4480.18	2253.06	1259.29	835.49	622.73
330.0	17251.30	15510.25	11868.16	7784.96	4227.63	1697.71	1196.94	822.43	608.02
360.0	17522.87	16329.31	13189.73	9271.73	5388.33	2876.66	1475.52	951.39	681.54
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	530.18	437.64	356.86	299.95	255.92	222.02	192.44	169.87	148.68
30.0	615.81	488.67	402.01	337.48	286.37	247.45	215.97	187.34	163.03
60.0	637.60	504.41	416.36	345.53	291.73	253.24	219.60	190.11	165.63
90.0	655.59	510.29	436.77	349.94	294.15	254.19	220.12	190.97	167.70
120.0	623.33	494.72	404.43	334.20	283.25	243.12	212.33	184.22	161.04
150.0	640.03	491.26	418.61	335.58	284.03	243.21	211.04	184.66	161.13
180.0	593.84	470.85	389.03	323.56	274.26	239.14	207.32	179.73	156.37
210.0	599.12	487.54	399.24	332.38	286.20	247.10	213.46	185.61	162.34
240.0	563.05	454.94	380.64	317.42	272.27	236.12	205.50	178.86	155.77
270.0	498.44	408.92	342.41	288.27	248.83	215.88	188.63	165.02	143.49
300.0	486.94	416.45	335.75	281.35	242.34	211.99	183.70	161.48	142.62
330.0	479.33	397.68	329.44	278.50	239.75	207.92	180.85	159.92	140.29
360.0	530.18	437.64	356.86	299.95	255.92	222.02	192.44	169.87	148.68
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	131.12	116.42	104.05	92.54	83.90	76.11	67.55	60.54	54.75
30.0	142.79	126.79	113.30	101.45	91.42	82.86	75.85	68.24	60.37
60.0	145.74	128.44	114.77	103.53	93.15	85.45	78.36	72.13	66.25
90.0	146.77	129.13	115.12	103.87	93.41	85.11	78.10	71.70	65.39
120.0	141.24	125.32	111.57	100.07	90.73	82.42	76.02	69.71	64.18
150.0	141.07	124.29	111.31	99.20	89.17	80.35	73.34	65.99	58.38
180.0	137.43	120.48	107.33	95.31	85.45	75.94	67.72	60.72	54.32
210.0	141.50	125.76	112.18	100.24	90.30	81.99	74.90	67.64	60.28
240.0	136.39	120.57	107.33	95.31	86.49	78.27	69.36	62.19	55.87
270.0	126.10	111.83	98.86	87.53	77.41	69.36	62.10	56.22	50.77
300.0	125.06	112.09	99.46	89.00	80.44	72.48	64.95	58.21	52.67
330.0	123.85	111.40	99.98	90.30	81.73	75.16	68.59	62.19	55.70
360.0	131.12	116.42	104.05	92.54	83.90	76.11	67.55	60.54	54.75
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	49.47	44.89	40.48	35.55	30.70	24.56	19.11	14.70	10.81
30.0	54.06	48.78	43.76	39.01	34.51	29.67	24.82	18.94	14.01
60.0	61.49	56.39	49.39	41.77	34.86	28.46	22.75	17.64	12.80
90.0	59.07	50.86	43.16	37.36	31.83	26.29	20.84	15.48	10.90
120.0	58.90	53.10	46.36	39.53	32.78	26.98	21.62	16.43	12.11
150.0	52.41	47.14	42.38	37.54	32.87	28.54	23.87	18.34	13.41
180.0	49.47	44.63	39.70	35.03	29.15	23.01	18.16	14.10	10.03
210.0	53.71	48.00	42.38	37.02	30.27	24.04	18.94	14.18	10.21
240.0	50.08	45.32	40.65	35.72	31.05	26.12	20.58	15.65	11.94
270.0	46.27	41.34	36.59	31.83	27.76	23.44	19.89	15.05	9.86
300.0	47.31	42.99	38.32	33.73	29.15	24.30	19.29	14.53	10.72
330.0	49.65	44.63	39.18	33.04	27.07	21.88	16.95	12.45	8.91
360.0	49.47	44.89	40.48	35.55	30.70	24.56	19.11	14.70	10.81

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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	7.27	3.55	1.56	0.35	0.26	0.26	0.26	0.09	0.00
30.0	9.77	5.10	1.90	0.43	0.26	0.17	0.17	0.09	0.09
60.0	8.74	6.23	3.63	1.30	0.26	0.26	0.17	0.09	0.09
90.0	7.52	5.28	2.85	0.95	0.35	0.26	0.17	0.17	0.09
120.0	8.39	5.54	2.85	1.04	0.26	0.17	0.17	0.17	0.00
150.0	9.08	4.84	1.90	0.35	0.17	0.26	0.09	0.09	0.09
180.0	6.31	3.03	0.95	0.26	0.17	0.26	0.09	0.17	0.00
210.0	7.44	5.10	2.51	0.61	0.26	0.26	0.17	0.17	0.00
240.0	7.52	3.81	1.30	0.35	0.26	0.26	0.09	0.00	0.00
270.0	5.54	1.82	0.26	0.17	0.17	0.26	0.17	0.09	0.00
300.0	6.49	3.11	0.95	0.35	0.26	0.17	0.17	0.09	0.00
330.0	6.40	4.15	1.90	0.43	0.26	0.17	0.17	0.17	0.00
360.0	7.27	3.55	1.56	0.35	0.26	0.26	0.26	0.09	0.00

C/γ(°)	90.0
0.0	0.00
30.0	0.00
60.0	0.00
90.0	0.09
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