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ROLED

灯具名称: 投光灯
灯具描述: FWK2441C1.4-4-UN-RC-Y(7-TX-4RGBWN-AJ.P4)
报告编号: 电压(V): 219.7000
测试编号: 20230203003 电流(A): 0.3990
光源规格型号: TX 功率(W): 81.8000
每个光源光通量(lm) 功率因数: 0.9340
光源数量: 4 镇流器型号:
发光面长度(mm): 130 发光面宽度 (mm): 130
测试模式: C 发光面高度(mm): 0

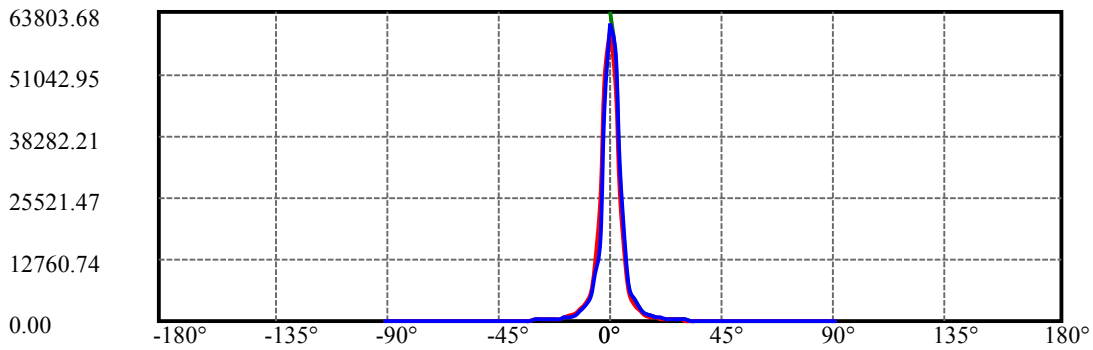
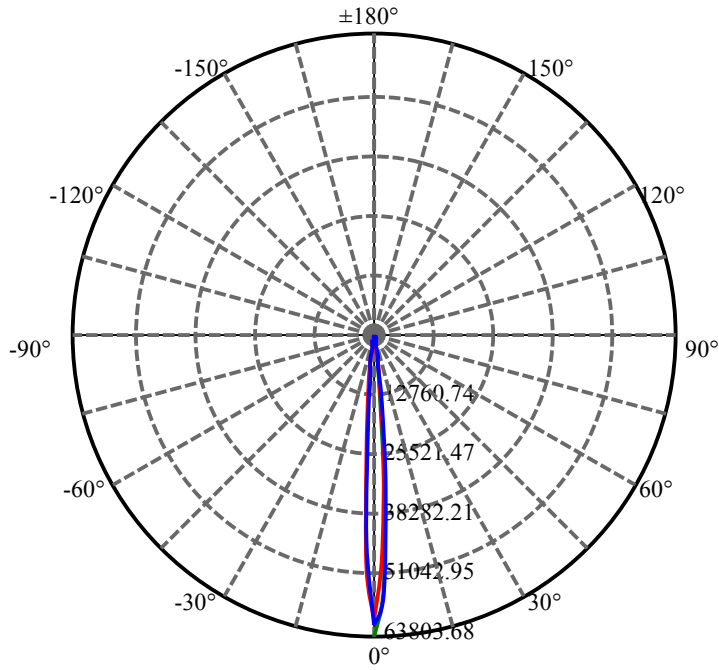
光度结果

灯具光通量(lm): 2152.87
灯具效能(lm/w): 26.32
中心光强(cd): 60145.150
最大光强(cd): 63803.680
最大光强角度: $C=30.0 \gamma=0.0$
半峰边角(50%Imax): [C0/180]Total=7.3
 [C90/270]Total=7.2
光束扩散角(10%Imax): [C0/180]Total=15.8
 [C90/270]Total=15.9

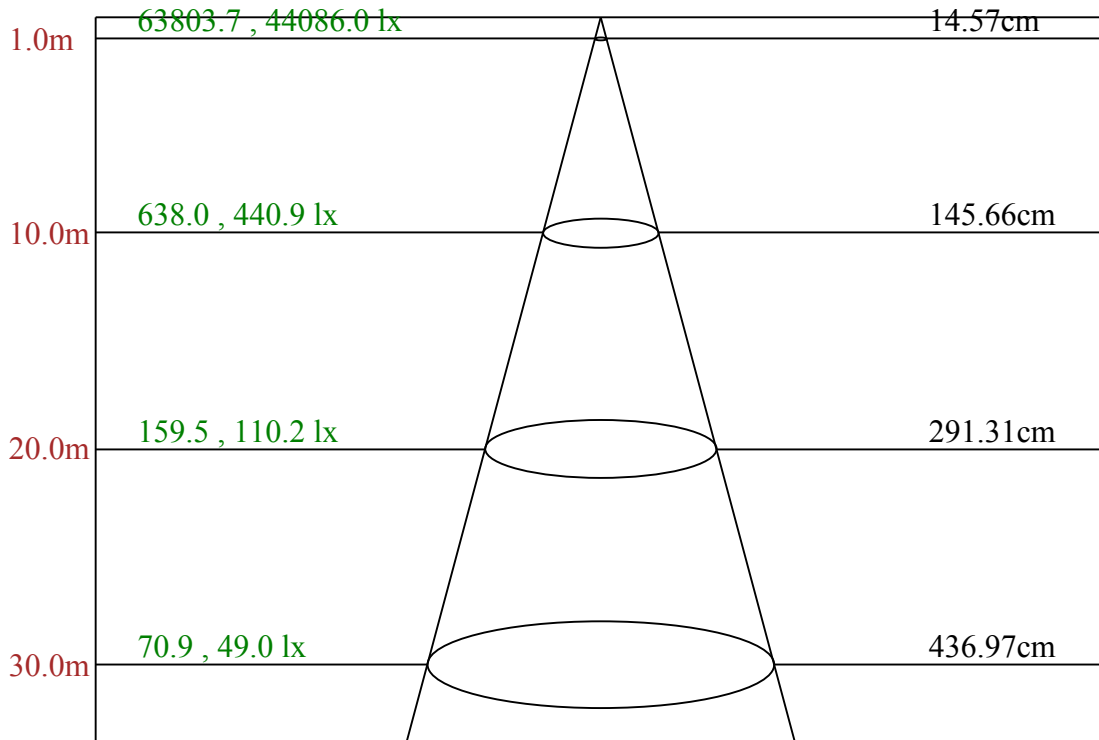
测试设备: GMS-1800
环境温度(°C): 25.0

测试日期: 2023/2/3
环境湿度(%): 60.0%

测试人员: 安培楼
测试距离(m): 9.30

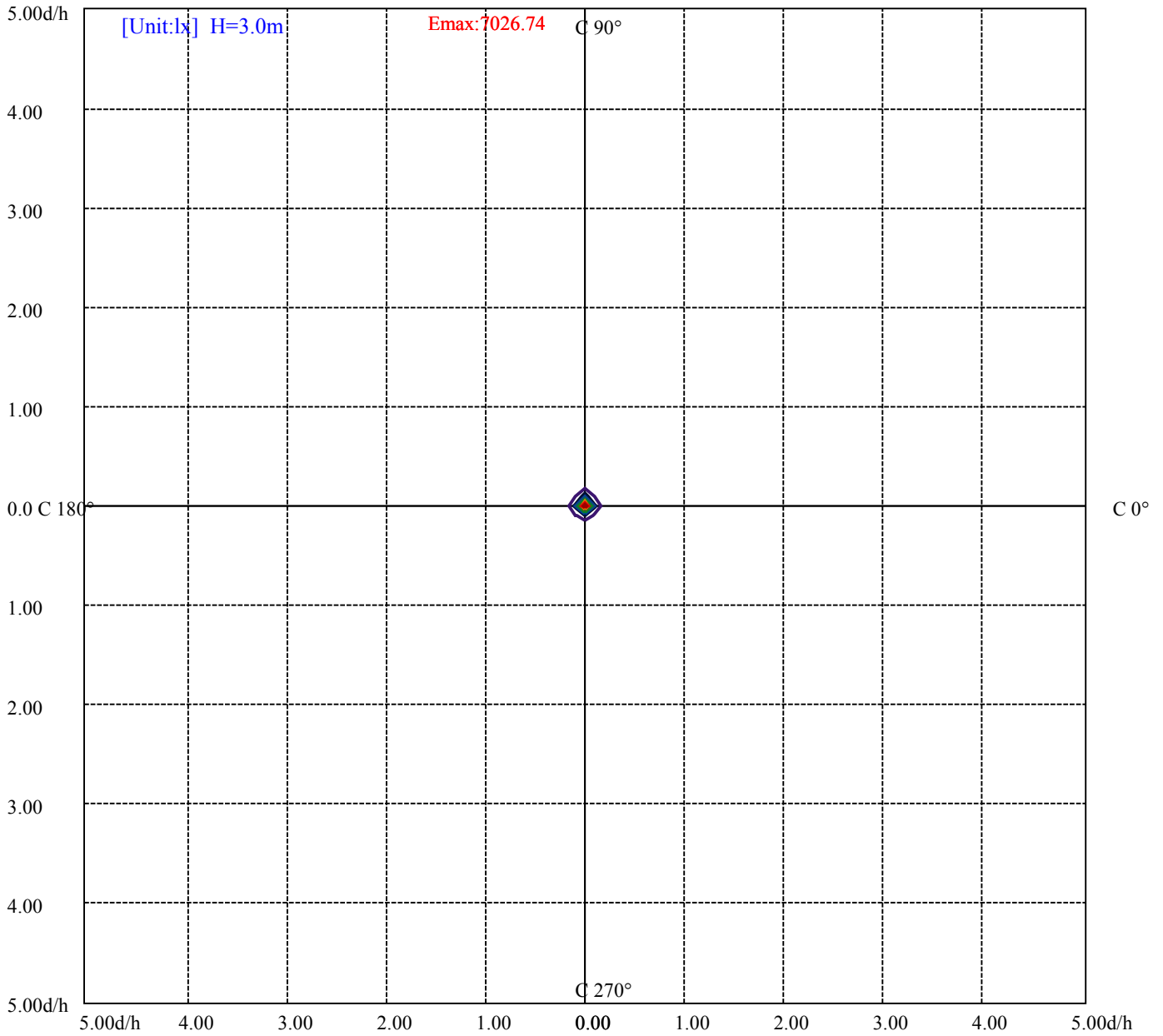


C30(Max): ——
C0/C180: ——
C90/C270: ——



Max , Ave C30面光束角8.33

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平面等照度曲线



- (10%Emax) 702.6733
- (20%Emax) 1405.344
- (30%Emax) 2108.022
- (40%Emax) 2810.689
- (50%Emax) 3513.367
- (60%Emax) 4216.033
- (70%Emax) 4918.711
- (80%Emax) 5621.389
- (90%Emax) 6324.056

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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

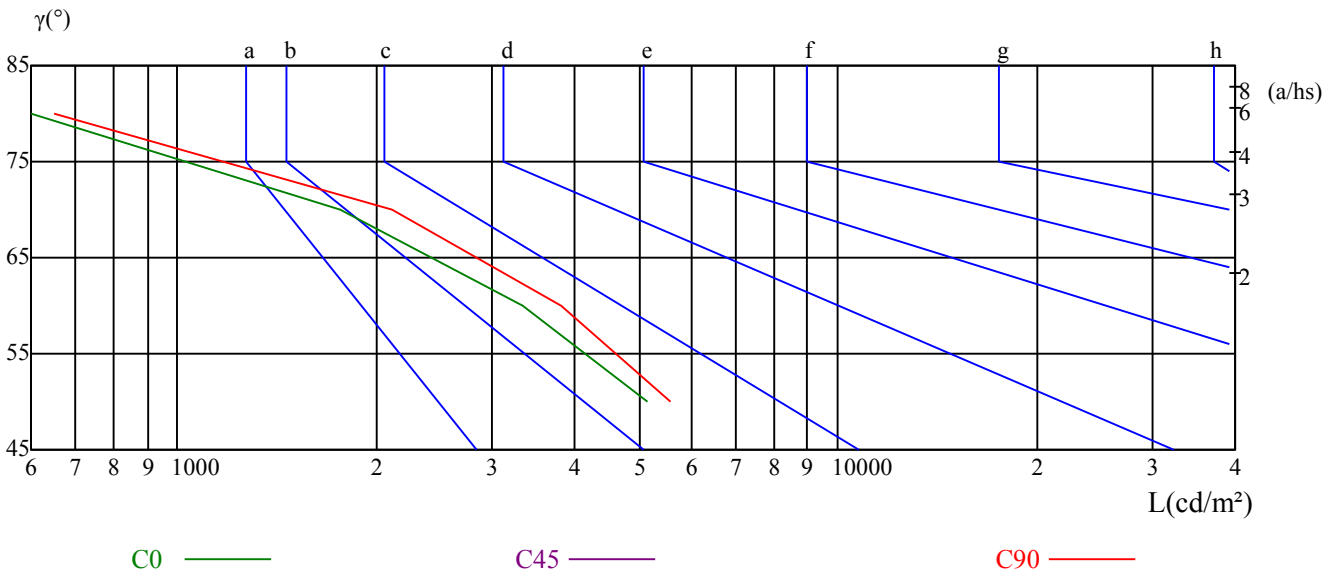
γ	45	50	55	60	65	70	75	80	85
C0	0	5167	0	3337	0	1766	0	413	0
C45	0	0	0	0	0	0	0	0	0
C90	0	5565	0	3818	0	2110	0	648	0

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	2373	2818	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(°C): 25.0

测试日期: 2023/2/3
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	60145.15	47742.48	26595.68	11382.08	5665.10	3232.13	2003.97	1343.19	952.25
30.0	63803.67	53554.61	29942.84	12982.15	6365.66	4402.34	2287.66	1542.98	1065.56
60.0	62679.30	51729.67	27815.18	11847.40	5786.18	3495.93	2214.14	1497.49	1036.67
90.0	61347.36	54851.96	32304.02	14193.01	6590.54	4445.59	2415.67	1587.09	1107.94
120.0	61252.22	52611.87	28619.54	12973.50	6129.55	3557.33	2291.12	1517.47	1070.31
150.0	60127.85	55319.00	32070.49	14054.63	6668.38	4462.88	2407.02	1615.63	1109.67
180.0	60145.15	49403.09	25566.44	11485.01	5797.42	3393.87	2198.58	1466.96	1041.86
210.0	63803.67	49679.86	20939.23	11007.58	5847.59	3445.76	2208.95	1528.62	1069.62
240.0	62679.30	49498.23	24701.54	11105.32	5855.37	3555.60	2181.28	1498.87	1048.26
270.0	61347.36	43608.26	16945.99	9444.71	5172.10	3077.31	1843.97	1342.41	958.91
300.0	61252.22	46445.13	24831.28	10603.67	5518.06	3219.16	2015.22	1358.76	967.82
330.0	60127.85	44282.88	16646.73	9927.32	4955.01	2976.99	1722.36	1282.39	896.64
360.0	60145.15	47742.48	26595.68	11382.08	5665.10	3232.13	2003.97	1343.19	952.25
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	690.19	524.99	438.50	332.81	275.38	230.50	190.54	159.92	136.57
30.0	787.06	584.67	460.13	370.61	307.21	255.15	212.25	178.95	151.53
60.0	756.53	569.10	449.49	363.17	298.56	250.13	208.18	176.35	148.24
90.0	797.44	595.05	459.26	372.94	305.66	252.81	211.47	176.18	149.97
120.0	776.51	580.61	450.70	366.03	300.03	248.49	208.27	173.59	146.60
150.0	802.63	608.89	469.64	376.75	308.25	256.44	212.07	177.65	148.68
180.0	750.91	575.16	449.92	367.58	301.94	249.18	207.32	171.16	143.31
210.0	792.08	613.56	480.45	393.70	324.86	267.17	220.90	184.48	152.91
240.0	778.41	595.05	467.05	380.30	314.48	259.30	212.85	177.48	147.72
270.0	709.74	544.71	434.53	354.52	295.88	240.53	199.79	165.54	139.85
300.0	703.16	537.97	438.50	346.13	287.06	237.33	198.06	165.54	140.29
330.0	671.16	512.71	402.01	330.31	273.83	226.26	188.38	158.97	133.89
360.0	690.19	524.99	438.50	332.81	275.38	230.50	190.54	159.92	136.57
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	117.37	102.49	91.16	82.51	74.38	67.38	61.32	56.13	51.12
30.0	130.86	112.70	100.16	89.60	81.21	73.60	66.86	61.06	55.53
60.0	128.09	111.31	99.03	88.91	80.18	73.00	66.42	60.37	54.92
90.0	127.31	111.14	98.08	88.74	80.00	72.65	66.16	60.46	55.18
120.0	124.89	108.98	95.83	86.06	77.67	70.40	64.09	58.73	53.54
150.0	126.19	108.37	95.66	85.45	77.24	70.32	63.83	58.38	52.93
180.0	122.21	106.12	94.01	84.07	76.28	69.02	62.53	56.56	51.38
210.0	129.65	112.52	98.25	88.05	79.22	71.96	65.30	59.33	53.80
240.0	125.67	108.80	95.23	84.85	76.72	69.97	63.48	58.03	52.41
270.0	119.53	104.65	93.15	83.46	75.68	68.15	62.27	56.74	51.20
300.0	119.53	104.05	91.68	82.17	74.73	67.72	61.75	56.22	50.60
330.0	115.98	101.11	89.60	81.04	73.43	66.60	60.63	55.44	50.25
360.0	117.37	102.49	91.16	82.51	74.38	67.38	61.32	56.13	51.12
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	45.93	41.08	34.16	28.20	22.92	19.03	16.09	13.23	10.21
30.0	50.25	44.80	40.04	34.51	29.84	24.74	19.89	15.74	12.37
60.0	49.73	44.54	39.79	34.94	29.93	25.69	20.33	15.91	12.54
90.0	49.99	45.41	38.83	32.26	26.55	21.62	18.34	15.05	12.20
120.0	48.26	43.59	38.66	33.73	28.63	23.61	17.82	12.37	8.99
150.0	48.00	43.07	38.23	33.56	28.97	24.65	19.81	15.40	12.54
180.0	46.27	40.91	34.51	28.54	22.83	19.29	16.17	13.41	10.64
210.0	48.09	42.99	37.45	32.43	28.37	23.27	18.42	14.79	11.68
240.0	46.70	41.52	36.33	31.66	27.59	23.27	18.08	14.62	11.33
270.0	46.53	40.04	33.30	27.16	22.40	19.11	16.35	13.32	10.29
300.0	45.06	40.30	35.20	30.10	26.81	22.14	17.47	14.01	10.98
330.0	45.06	40.30	35.29	30.44	26.38	22.05	17.47	14.10	10.55
360.0	45.93	41.08	34.16	28.20	22.92	19.03	16.09	13.23	10.21

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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	7.78	5.71	3.72	2.34	1.21	0.35	0.35	0.26	0.26
30.0	9.34	6.75	4.58	2.59	1.47	0.69	0.26	0.35	0.26
60.0	9.51	6.83	4.67	2.59	1.47	0.69	0.35	0.35	0.26
90.0	9.25	7.01	4.67	2.94	1.90	0.61	0.17	0.26	0.26
120.0	8.13	6.49	4.32	2.59	1.38	0.69	0.26	0.26	0.26
150.0	9.34	6.92	4.58	2.68	1.56	0.69	0.43	0.26	0.26
180.0	8.04	5.79	3.81	2.42	1.21	0.35	0.35	0.26	0.17
210.0	8.74	6.23	3.72	2.16	1.21	0.43	0.26	0.26	0.26
240.0	8.48	5.97	3.72	2.08	1.12	0.43	0.26	0.17	0.26
270.0	7.78	5.62	3.63	2.16	0.86	0.43	0.17	0.17	0.35
300.0	8.13	5.88	3.72	2.08	1.21	0.43	0.17	0.35	0.17
330.0	7.78	5.45	3.46	1.99	1.12	0.52	0.26	0.35	0.26
360.0	7.78	5.71	3.72	2.34	1.21	0.35	0.35	0.26	0.26

C/γ(°)	90.0
0.0	0.26
30.0	0.35
60.0	0.26
90.0	0.26
120.0	0.26
150.0	0.26
180.0	0.26
210.0	0.17
240.0	0.17
270.0	0.26
300.0	0.17
330.0	0.17
360.0	0.26