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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): 220.1000
测试编号: 20230203003 电流(A): 0.1490
光源规格型号: TX 功率(W): 28.2000
每个光源光通量(lm) 功率因数: 0.8570
光源数量: 4 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

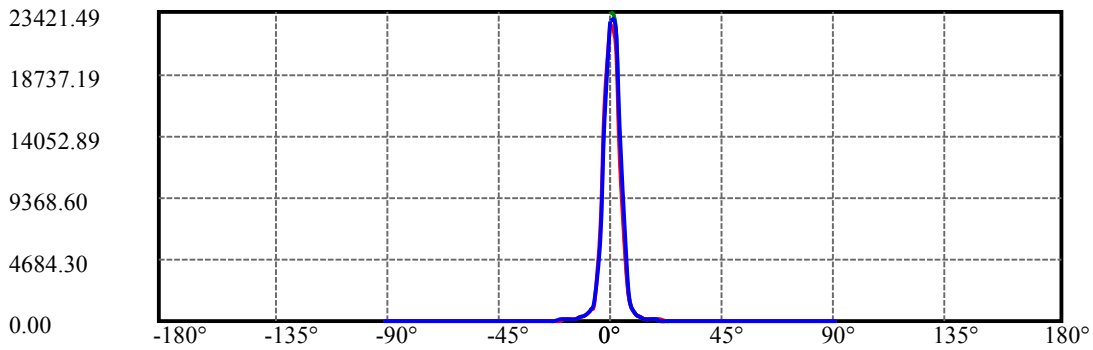
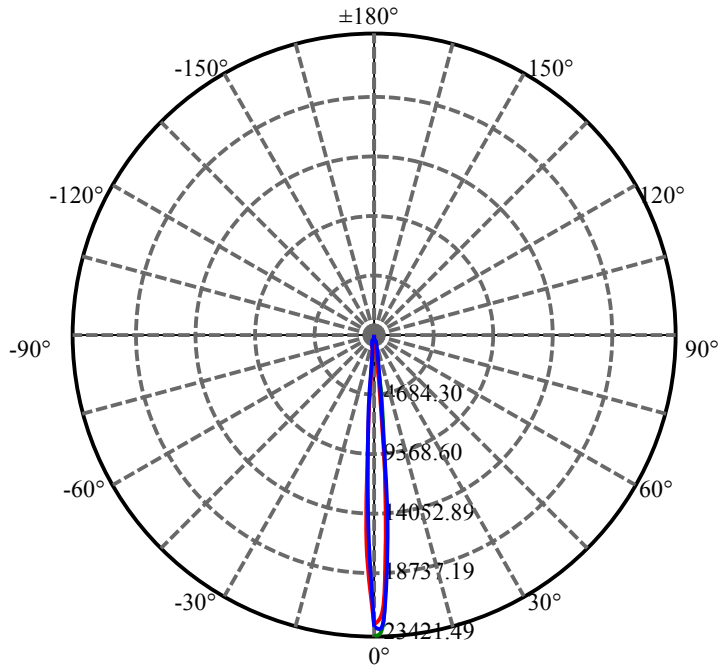
光度结果

灯具光通量(lm): 566.39
灯具效能(lm/w): 20.08
中心光强(cd): 22487.400
最大光强(cd): 23421.490
最大光强角度: $C=60.0 \gamma=0.0$
半峰边角(50%Imax): [C0/180]Total=7.4
 [C90/270]Total=7.6
光束扩散角(10%Imax): [C0/180]Total=13.3
 [C90/270]Total=13.6

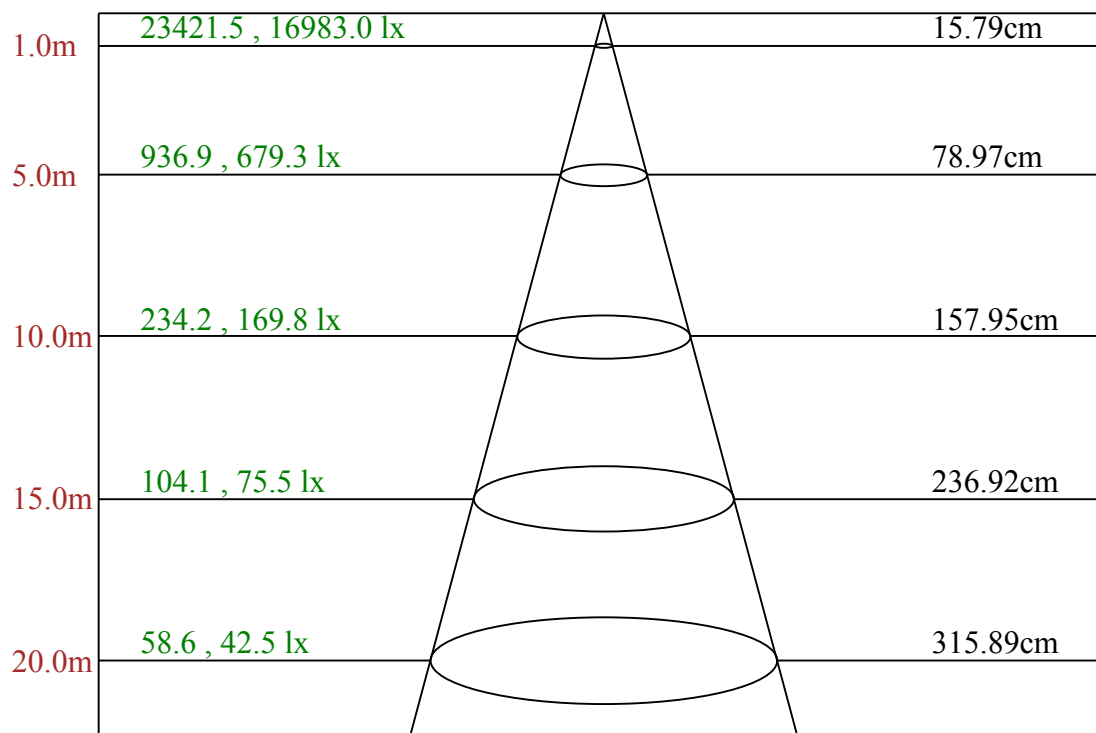
测试设备: GMS-1800
环境温度(°C): 25.0

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

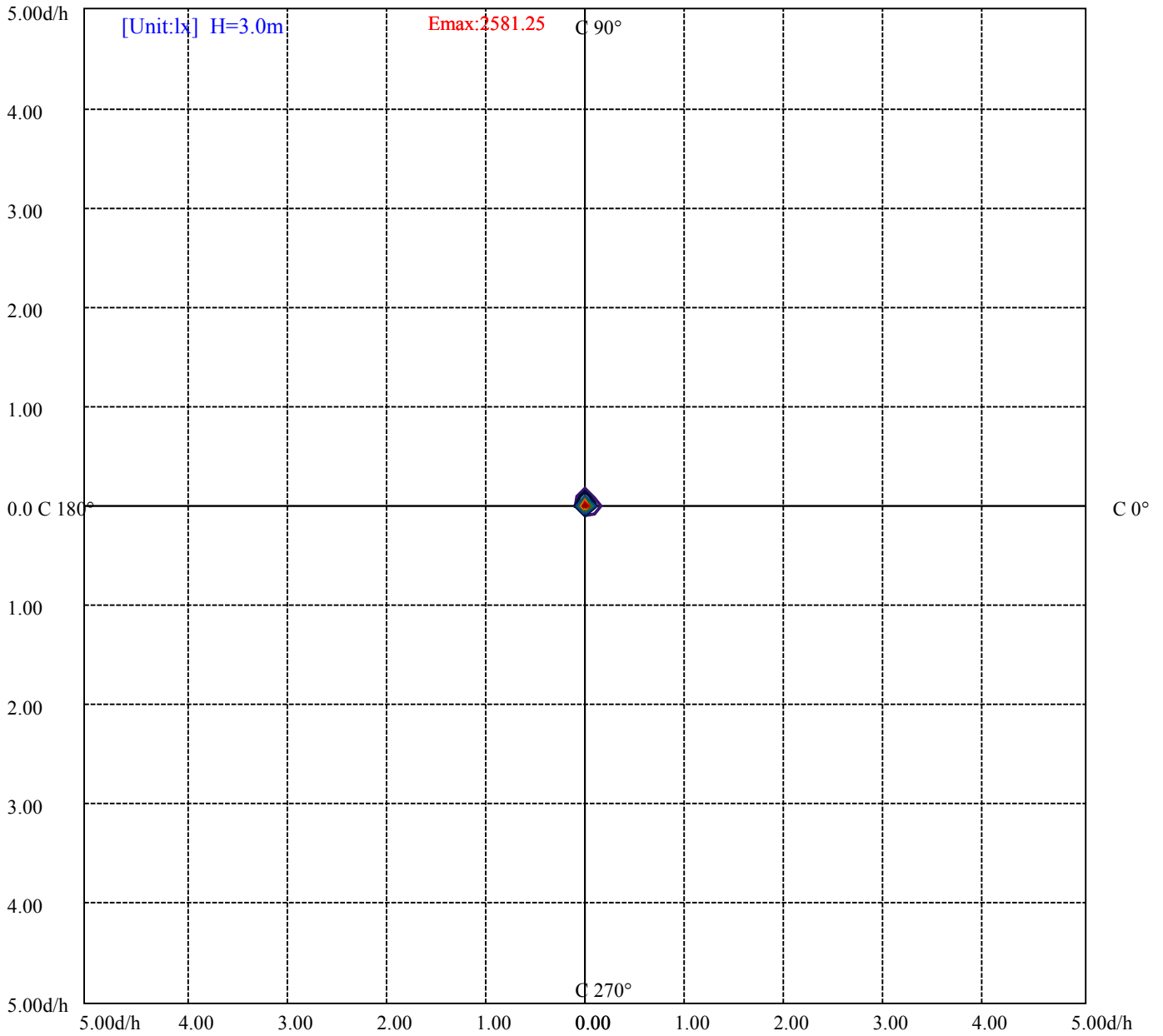


C60(Max): ——
C0/C180: ——
C90/C270: ——



Max, Ave C60面光束角9.03

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平面等照度曲线



- (10%Emax) 258.1245
- (20%Emax) 516.2489
- (30%Emax) 774.3733
- (40%Emax) 1032.497
- (50%Emax) 1290.622
- (60%Emax) 1548.745
- (70%Emax) 1806.867
- (80%Emax) 2064.989
- (90%Emax) 2323.122

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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

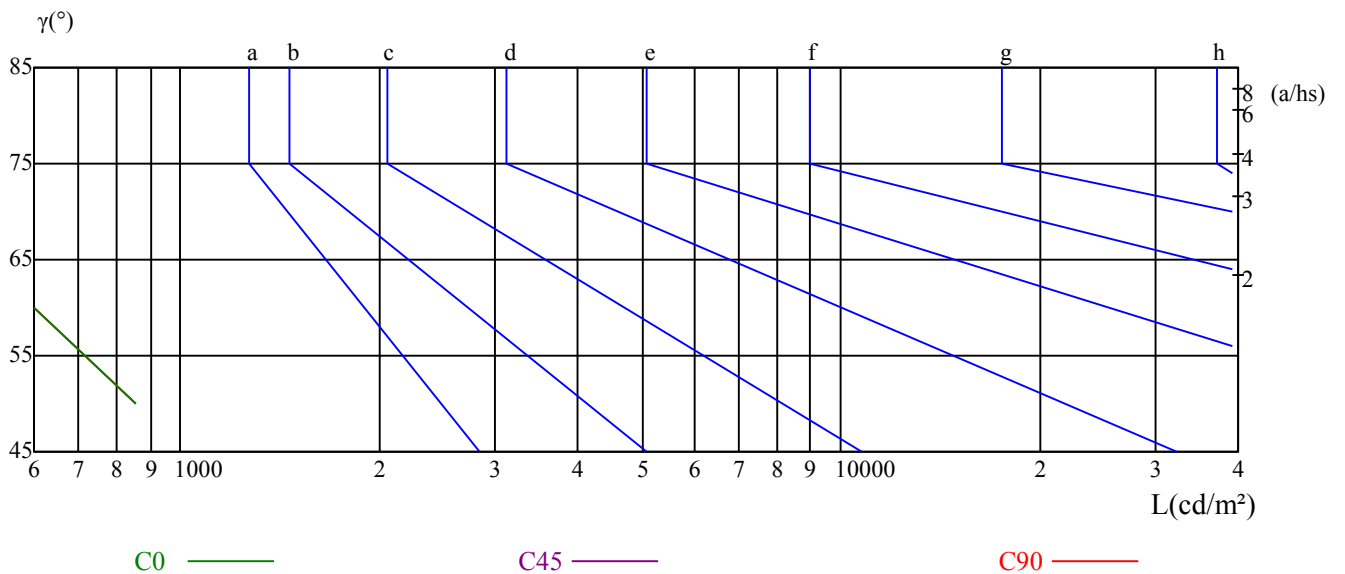
γ	45	50	55	60	65	70	75	80	85
C0	0	857	0	359	0	175	0	138	0
C45	0	0	0	0	0	0	0	0	0
C90	0	857	0	359	0	175	0	207	0

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	5550	6591	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: 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	22487.40	20748.95	12359.42	4583.97	1550.77	609.75	331.17	217.09	151.96
30.0	23040.94	22556.59	14201.66	5604.55	1795.53	652.13	385.75	223.58	151.79
60.0	23421.49	22046.30	13444.01	5144.43	1591.07	578.10	303.49	193.91	132.50
90.0	22729.57	22054.95	14616.81	5985.11	1756.61	596.78	304.62	185.52	128.87
120.0	22954.45	19001.85	11088.88	4222.44	1238.62	496.54	268.12	169.95	119.70
150.0	22720.92	19442.95	10638.27	4471.53	1147.72	485.21	271.84	180.76	124.72
180.0	22487.40	16133.84	7247.00	1651.35	848.47	412.99	262.24	176.70	123.94
210.0	23040.94	15617.50	6456.48	1725.48	849.94	447.07	290.95	204.81	141.58
240.0	23421.49	16389.86	7100.83	2457.18	943.61	511.16	317.42	223.66	155.25
270.0	22729.57	14939.42	6468.59	1712.33	903.47	476.73	306.87	210.95	149.28
300.0	22954.45	17505.58	8804.68	4558.02	1152.91	547.48	330.05	224.96	158.62
330.0	22720.92	16997.88	9238.00	3267.59	1131.38	532.35	317.42	212.16	145.65
360.0	22487.40	20748.95	12359.42	4583.97	1550.77	609.75	331.17	217.09	151.96
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	106.12	77.50	57.34	46.01	40.48	34.51	26.47	20.41	16.26
30.0	108.37	77.58	58.03	48.09	43.85	37.54	28.37	21.71	17.13
60.0	94.53	68.76	53.97	46.88	43.33	36.84	28.02	21.28	17.04
90.0	92.54	67.81	52.07	44.46	40.39	34.42	26.81	20.41	16.09
120.0	85.88	62.96	49.56	43.85	40.22	33.73	25.69	19.63	15.65
150.0	89.00	64.69	50.68	43.68	39.53	32.95	25.08	19.55	15.48
180.0	88.39	65.30	50.51	42.81	37.54	30.10	23.44	18.08	14.27
210.0	100.24	73.60	55.87	46.53	39.53	31.05	23.78	18.85	14.62
240.0	109.32	78.45	58.99	48.00	40.56	32.35	24.82	19.72	15.40
270.0	105.17	75.25	56.82	45.93	38.32	29.93	23.09	17.73	13.92
300.0	110.02	78.88	59.07	46.70	39.44	32.09	25.00	19.63	15.40
330.0	104.31	74.90	56.39	45.41	39.01	31.83	25.00	19.37	15.31
360.0	106.12	77.50	57.34	46.01	40.48	34.51	26.47	20.41	16.26
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	12.97	10.38	8.30	6.83	5.79	4.93	4.32	3.98	3.81
30.0	13.84	11.16	9.25	7.96	6.75	5.62	4.76	4.32	3.89
60.0	13.92	11.16	9.17	7.87	6.66	5.54	4.76	4.24	3.81
90.0	12.89	10.55	8.65	7.61	6.49	5.36	4.58	3.98	3.72
120.0	12.71	10.29	8.65	7.35	6.23	5.28	4.58	4.15	3.72
150.0	12.20	9.86	8.04	6.92	5.79	4.76	4.32	3.98	3.63
180.0	11.33	9.08	7.44	6.23	5.19	4.58	4.15	3.98	3.72
210.0	11.76	9.60	8.04	6.83	5.88	5.28	4.84	4.58	4.07
240.0	12.02	9.60	7.96	6.75	5.97	5.36	5.10	4.58	4.15
270.0	10.90	8.82	7.61	6.57	5.62	5.02	4.67	4.41	3.81
300.0	12.11	9.60	7.96	6.83	5.97	5.28	4.76	4.50	3.89
330.0	12.28	9.86	8.04	6.75	5.79	5.02	4.58	4.15	3.81
360.0	12.97	10.38	8.30	6.83	5.79	4.93	4.32	3.98	3.81
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	3.29	2.68	1.82	1.30	1.04	0.78	0.69	0.52	0.43
30.0	3.63	3.11	2.59	2.08	1.38	1.04	0.78	0.69	0.61
60.0	3.55	3.03	2.59	2.16	1.47	1.04	0.78	0.69	0.69
90.0	3.37	2.94	2.16	1.30	1.04	0.86	0.78	0.52	0.43
120.0	3.37	2.94	2.42	1.90	1.30	0.95	0.78	0.61	0.52
150.0	3.29	2.77	2.34	1.82	1.21	0.95	0.69	0.61	0.43
180.0	3.11	2.34	1.56	1.12	0.95	0.78	0.52	0.52	0.52
210.0	3.37	2.77	2.08	1.64	1.21	0.86	0.78	0.61	0.52
240.0	3.55	2.77	2.25	1.73	1.21	0.95	0.86	0.69	0.52
270.0	3.20	2.34	1.64	1.21	1.04	0.86	0.78	0.52	0.43
300.0	3.29	2.77	2.16	1.64	1.30	0.95	0.86	0.69	0.61
330.0	3.29	2.77	2.16	1.82	1.21	1.04	0.78	0.69	0.52
360.0	3.29	2.68	1.82	1.30	1.04	0.78	0.69	0.52	0.43

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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	0.26	0.26	0.17	0.17	0.17	0.17	0.09	0.17	0.17
30.0	0.43	0.26	0.17	0.17	0.26	0.17	0.26	0.26	0.17
60.0	0.43	0.35	0.17	0.17	0.26	0.17	0.35	0.17	0.17
90.0	0.35	0.26	0.17	0.17	0.26	0.17	0.17	0.17	0.17
120.0	0.35	0.26	0.26	0.17	0.17	0.17	0.09	0.17	0.26
150.0	0.35	0.26	0.26	0.26	0.17	0.17	0.17	0.17	0.26
180.0	0.26	0.26	0.26	0.17	0.26	0.17	0.26	0.26	0.26
210.0	0.35	0.26	0.26	0.17	0.26	0.09	0.17	0.09	0.17
240.0	0.35	0.26	0.26	0.17	0.26	0.17	0.26	0.17	0.17
270.0	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
300.0	0.43	0.26	0.17	0.17	0.17	0.26	0.17	0.17	0.17
330.0	0.35	0.26	0.17	0.26	0.17	0.17	0.17	0.17	0.17
360.0	0.26	0.26	0.17	0.17	0.17	0.17	0.09	0.17	0.17
C/γ(°)	90.0								
0.0	0.09								
30.0	0.17								
60.0	0.26								
90.0	0.17								
120.0	0.09								
150.0	0.17								
180.0	0.17								
210.0	0.09								
240.0	0.26								
270.0	0.17								
300.0	0.17								
330.0	0.17								
360.0	0.09								