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ROLED

灯具名称: 投光灯
灯具描述: FWK2411C1.8-12-UN(10-SX-12WN-AJ.P1)
报告编号: 电压(V): 220.2000
测试编号: 20230129001 电流(A): 0.3580
光源规格型号: SX 功率(W): 73.7000
每个光源光通量(lm) 功率因数: 0.9410
光源数量: 12 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

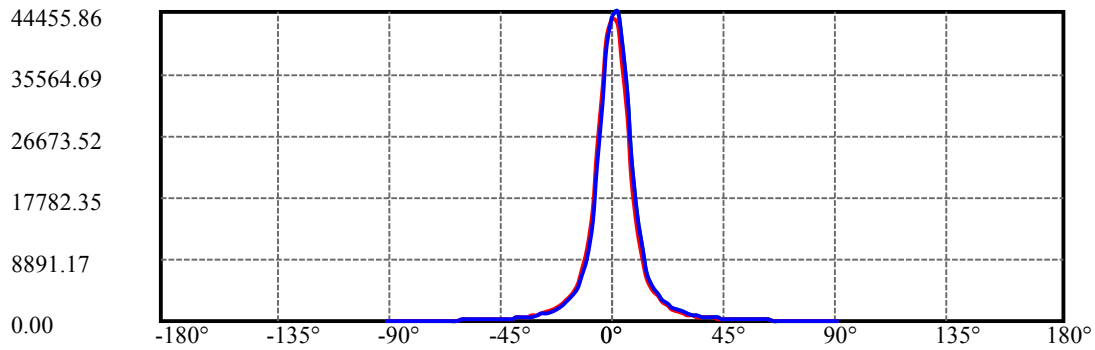
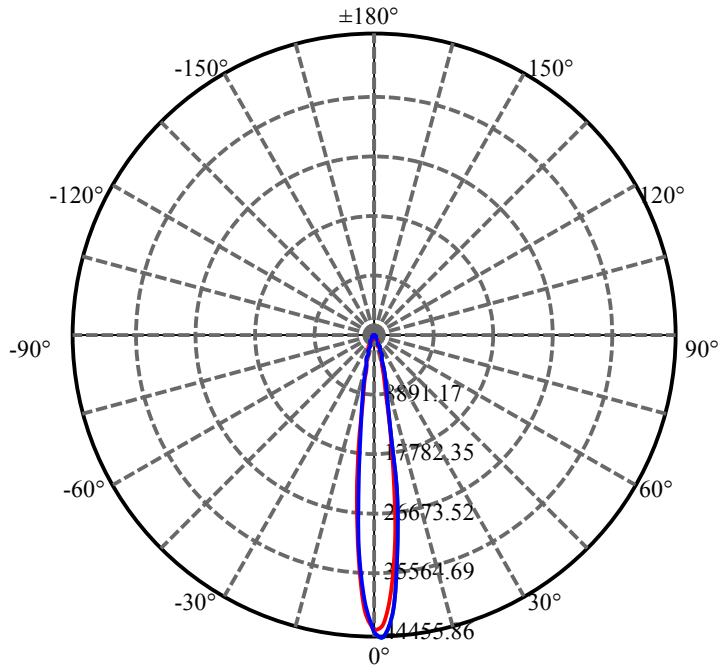
光度结果

灯具光通量(lm): 5589.21
灯具效能(lm/w): 75.84
中心光强(cd): 43694.750
最大光强(cd): 44455.860
最大光强角度: C=90.0 $\gamma=2.0$
半峰边角(50%Imax): [C0/180]Total=14.3
 [C90/270]Total=14.3
光束扩散角(10%Imax): [C0/180]Total=31.6
 [C90/270]Total=31.7

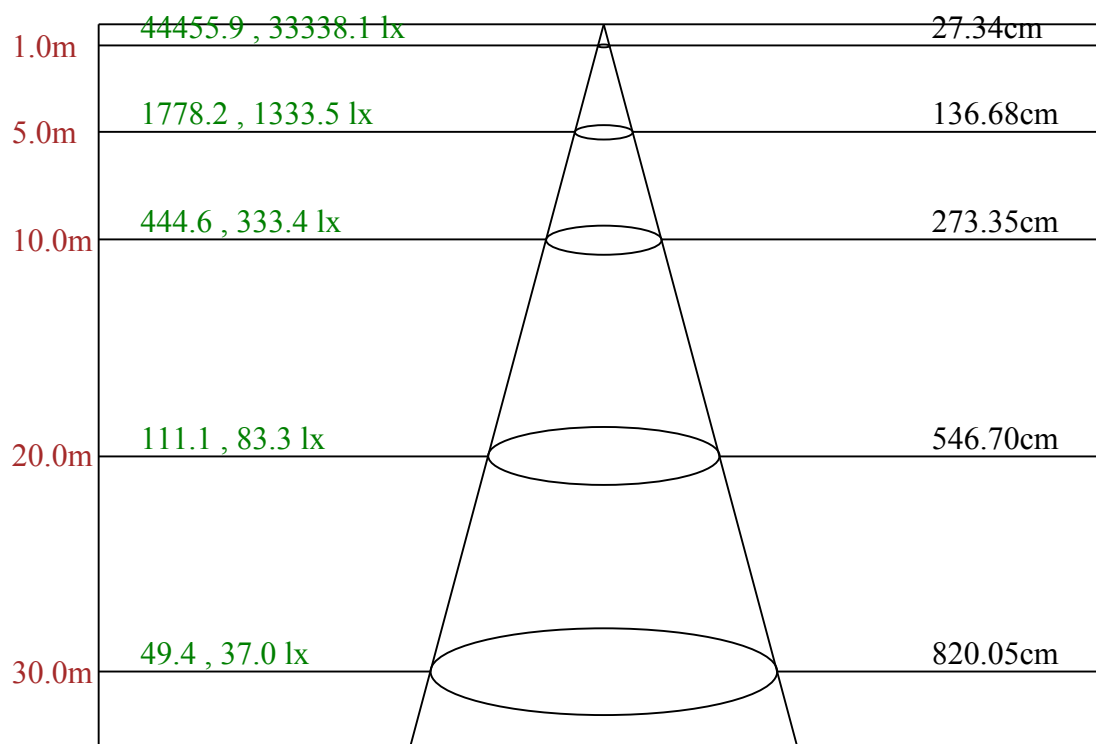
测试设备: GMS-1800
环境温度(°C): 25.0

测试日期: 2023/1/29
环境湿度(%): 60.0%

测试人员: 安培楼
测试距离(m): 9.30

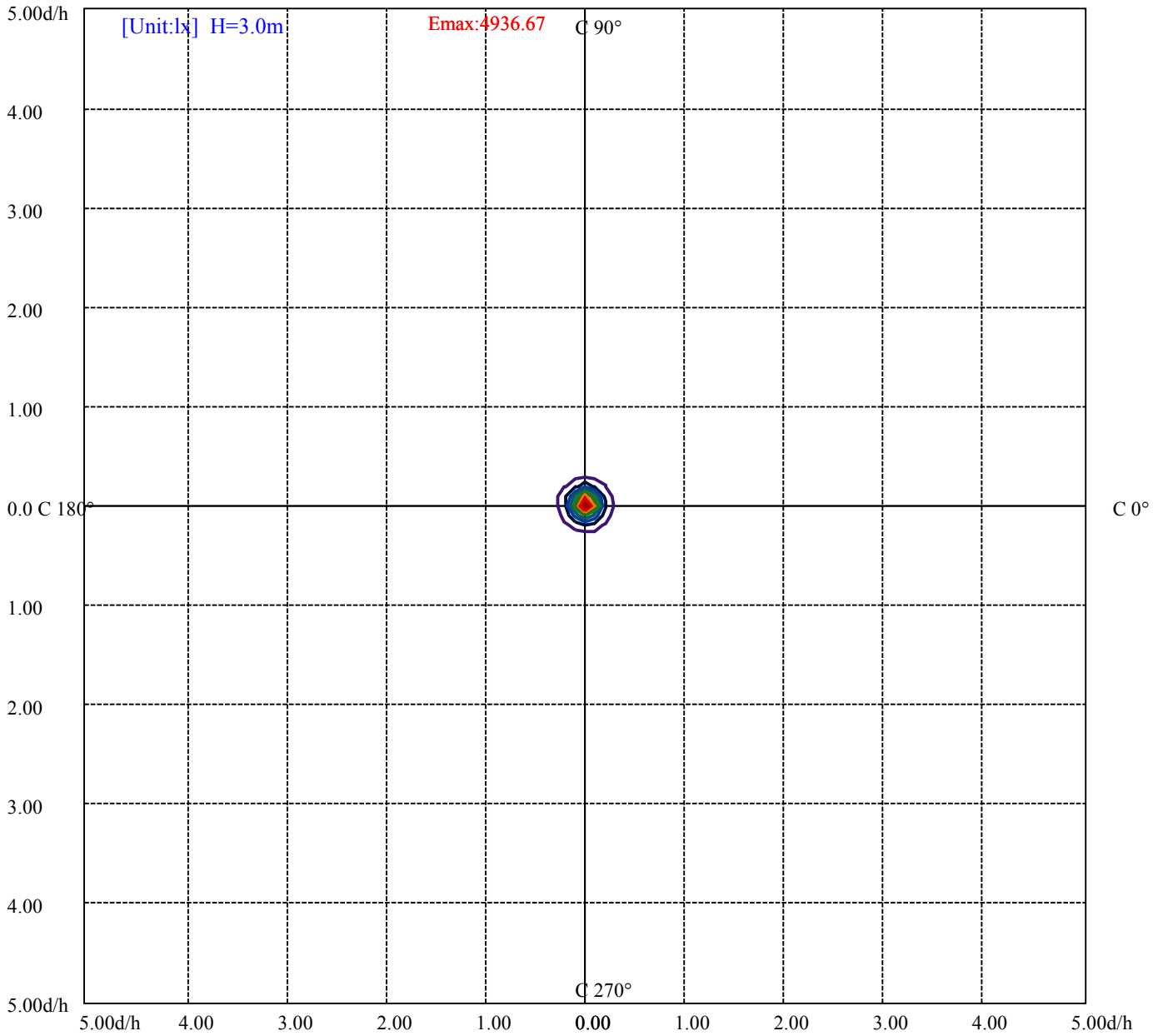


C90(Max): ——
C0/C180: ——
C90/C270: ——



Max , Ave C90面光束角15.56

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平面等照度曲线



- (10%Emax) 493.6656
- (20%Emax) 987.3312
- (30%Emax) 1481
- (40%Emax) 1974.667
- (50%Emax) 2468.333
- (60%Emax) 2962
- (70%Emax) 3455.656
- (80%Emax) 3949.322
- (90%Emax) 4442.989

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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

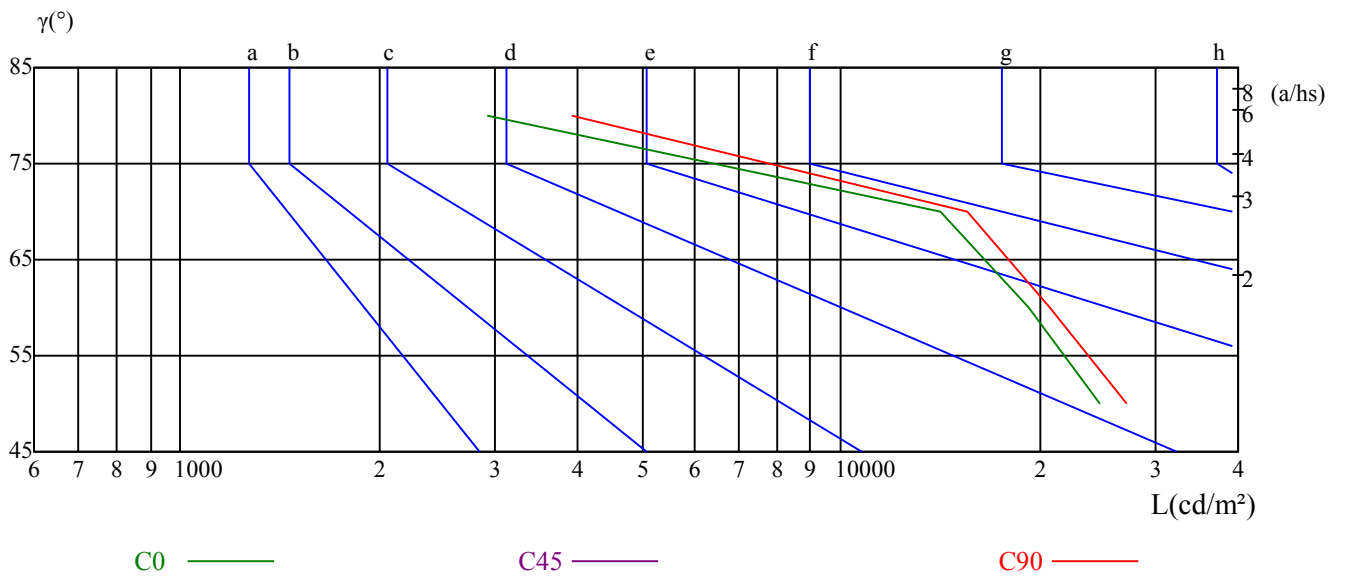
γ	45	50	55	60	65	70	75	80	85
C0	0	24658	0	19314	0	14170	0	2918	0
C45	0	0	0	0	0	0	0	0	0
C90	0	27046	0	20737	0	15562	0	3920	0

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($^{\circ}\text{C}$): 25.0

测试日期: 2023/1/29
环境湿度(%): 60.0%

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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	43694.75	42630.92	37346.38	29259.57	20411.64	13189.73	8579.81	6140.79	4549.37
30.0	44412.62	44429.91	40287.04	32001.30	23040.94	14980.07	9929.05	6806.76	4999.12
60.0	44447.21	44403.97	39906.49	32364.56	22790.12	14707.62	9766.45	6669.24	4961.93
90.0	44006.11	44455.86	40684.90	32641.33	23663.66	15386.57	10171.22	6919.20	5042.37
120.0	44144.50	43374.74	37925.87	29951.49	20601.92	13463.03	8838.41	6136.47	4634.13
150.0	43867.73	42553.08	36913.93	28325.48	19304.57	12679.43	8389.53	6019.70	4506.13
180.0	43694.75	40494.62	33315.95	24320.99	16168.44	10407.34	7066.23	5171.24	3932.70
210.0	44412.62	40338.94	32226.17	22798.76	15044.94	9690.34	6688.27	4947.23	3838.43
240.0	44447.21	40226.50	32520.24	22816.06	15265.49	9877.16	6746.22	5007.77	3861.78
270.0	44006.11	39188.62	31145.05	21743.59	14269.99	9199.08	6389.88	4735.33	3677.55
300.0	44144.50	40658.95	33696.50	24251.80	16078.49	10586.38	7126.78	5232.65	4376.39
330.0	43867.73	40987.61	33999.22	25445.36	16875.06	11041.31	7284.19	5348.54	4038.22
360.0	43694.75	42630.92	37346.38	29259.57	20411.64	13189.73	8579.81	6140.79	4549.37
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	3462.19	2758.17	2176.09	1739.31	1387.30	1135.61	929.77	786.19	663.38
30.0	3852.26	3022.83	2393.18	1911.43	1550.77	1254.97	1042.20	868.36	728.25
60.0	3830.64	3005.53	2387.12	1931.32	1552.50	1256.79	1043.50	868.27	729.20
90.0	3882.54	3047.91	2412.21	1945.16	1557.68	1259.29	1042.20	864.04	727.38
120.0	3604.90	2843.79	2264.31	1712.67	1466.18	1194.34	975.78	810.07	683.96
150.0	3467.38	2770.27	2192.52	1748.83	1396.81	1138.21	929.77	777.55	655.59
180.0	3075.58	2422.58	1940.84	1558.03	1246.15	1008.04	837.14	696.50	588.91
210.0	3025.42	2398.37	1914.89	1532.34	1243.99	1003.11	830.39	694.95	588.82
240.0	3018.50	2401.83	1927.00	1524.82	1229.02	994.64	827.71	693.65	595.05
270.0	2892.23	2290.26	1719.16	1465.57	1192.52	966.87	802.11	675.49	575.16
300.0	3126.61	2483.99	1991.86	1579.31	1274.00	1032.69	855.39	718.73	610.62
330.0	3203.59	2538.48	2007.43	1622.81	1302.89	1051.29	868.53	734.99	623.42
360.0	3462.19	2758.17	2176.09	1739.31	1387.30	1135.61	929.77	786.19	663.38
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	568.24	499.91	441.10	390.68	352.53	320.27	291.47	267.86	245.89
30.0	629.65	547.48	483.48	438.50	388.60	351.15	324.08	294.24	270.37
60.0	625.50	548.61	484.78	436.77	393.79	356.94	325.72	299.95	275.64
90.0	624.46	546.62	481.75	438.50	387.82	351.24	321.14	293.81	268.21
120.0	587.61	516.17	455.98	409.88	369.40	335.06	305.31	279.71	258.52
150.0	563.05	489.53	438.50	387.39	348.55	316.64	288.36	264.92	241.65
180.0	507.18	445.51	393.96	352.62	319.06	288.96	263.28	240.53	218.39
210.0	511.50	452.34	401.31	360.49	325.46	295.80	269.94	247.88	226.34
240.0	513.75	453.21	402.96	361.87	332.38	298.13	272.88	250.30	229.28
270.0	503.37	444.13	396.99	357.55	323.65	293.37	269.24	245.37	221.15
300.0	531.05	467.91	413.60	372.94	337.74	306.26	280.66	257.83	236.12
330.0	542.38	476.73	422.59	379.69	343.19	312.57	285.50	263.36	241.48
360.0	568.24	499.91	441.10	390.68	352.53	320.27	291.47	267.86	245.89
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	223.23	201.69	180.94	163.21	145.39	128.09	111.92	98.69	81.91
30.0	248.57	228.25	205.93	183.79	164.24	144.27	125.84	106.21	89.69
60.0	254.11	233.61	211.21	188.55	167.01	147.64	127.31	106.82	89.17
90.0	243.04	219.77	196.33	175.23	154.64	135.10	119.18	104.74	89.95
120.0	238.02	218.30	196.16	174.54	154.82	136.83	118.15	99.72	83.98
150.0	222.45	202.13	182.49	162.34	144.27	127.23	109.58	92.37	76.20
180.0	195.81	176.01	158.80	141.93	124.89	109.24	96.96	83.81	64.61
210.0	207.06	187.77	164.16	148.50	130.43	111.83	94.88	78.53	64.18
240.0	209.31	189.41	169.43	151.36	133.71	115.98	97.04	80.44	63.74
270.0	199.36	175.75	158.19	139.85	123.85	108.54	96.09	79.31	60.46
300.0	216.40	197.46	175.66	157.93	139.59	121.26	104.31	88.83	72.48
330.0	221.85	202.99	182.67	163.38	144.44	127.14	109.32	90.56	75.25
360.0	223.23	201.69	180.94	163.21	145.39	128.09	111.92	98.69	81.91

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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	62.45	46.96	33.13	20.50	8.56	3.03	1.12	1.04	0.95
30.0	73.00	56.56	37.45	24.30	13.41	4.24	1.21	1.12	0.95
60.0	70.92	53.62	35.98	23.35	12.97	3.81	1.21	1.12	1.04
90.0	67.98	49.13	36.15	22.92	11.50	4.41	1.12	1.12	0.95
120.0	67.89	47.57	31.22	19.29	10.98	3.20	1.12	1.12	0.95
150.0	60.28	43.07	28.37	17.64	9.43	2.51	1.12	1.12	0.95
180.0	46.01	33.99	20.84	11.50	4.41	1.12	1.12	1.04	0.86
210.0	46.70	31.14	19.20	10.90	3.46	1.21	1.12	1.04	0.78
240.0	47.57	32.43	20.58	11.50	4.15	1.21	1.12	0.95	0.86
270.0	43.68	31.40	19.03	8.65	3.29	1.21	1.12	1.04	0.86
300.0	55.27	37.45	25.08	13.84	6.75	1.82	1.12	1.04	0.86
330.0	58.90	41.69	27.59	16.69	8.39	2.25	1.04	1.04	0.86
360.0	62.45	46.96	33.13	20.50	8.56	3.03	1.12	1.04	0.95

C/γ(°)	90.0
0.0	0.78
30.0	0.78
60.0	0.86
90.0	0.78
120.0	0.78
150.0	0.69
180.0	0.78
210.0	0.78
240.0	0.78
270.0	0.78
300.0	0.69
330.0	0.78
360.0	0.78