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ROLED

灯具名称: 投光灯
灯具描述: FWK2411C1.8-12-UN(15-SX-12WN-AJ.P1)
报告编号: 电压(V): 220.3000
测试编号: 20230129002 电流(A): 0.3590
光源规格型号: SX 功率(W): 74.1000
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

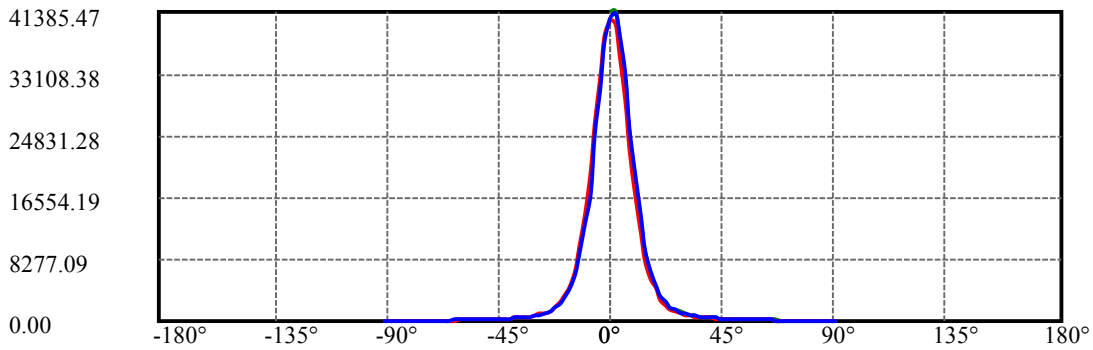
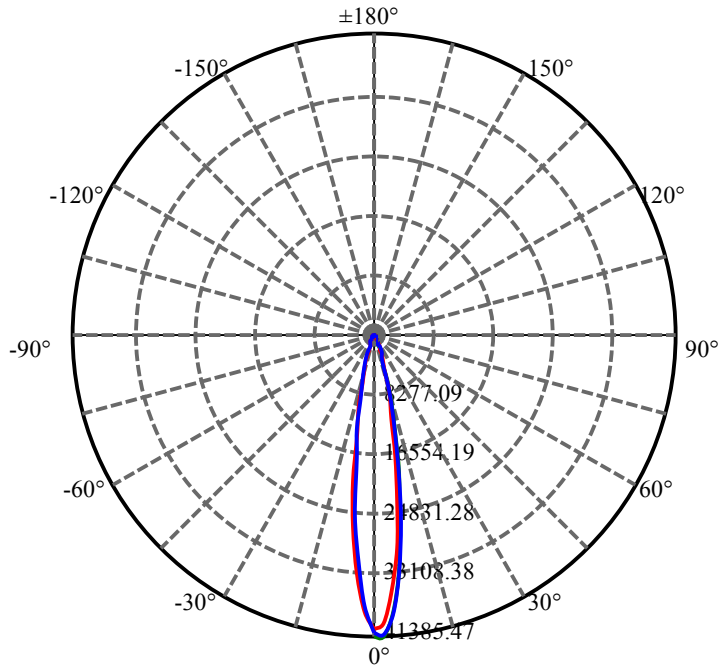
光度结果

灯具光通量(lm): 6132.65
灯具效能(lm/w): 82.76
中心光强(cd): 40287.040
最大光强(cd): 41385.470
最大光强角度: $C=30.0 \gamma=0.0$
半峰边角(50%Imax): [C0/180]Total=17.0
 [C90/270]Total=17.0
光束扩散角(10%Imax): [C0/180]Total=35.5
 [C90/270]Total=35.4

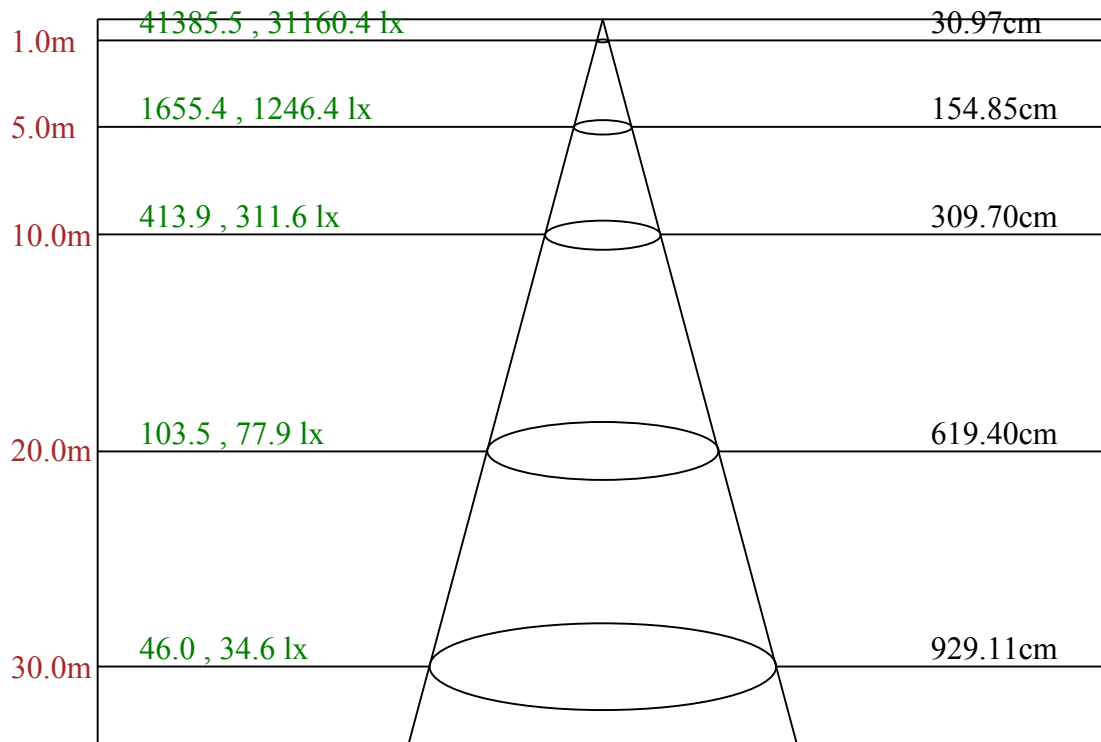
测试设备: GMS-1800
环境温度(°C): 25.0

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

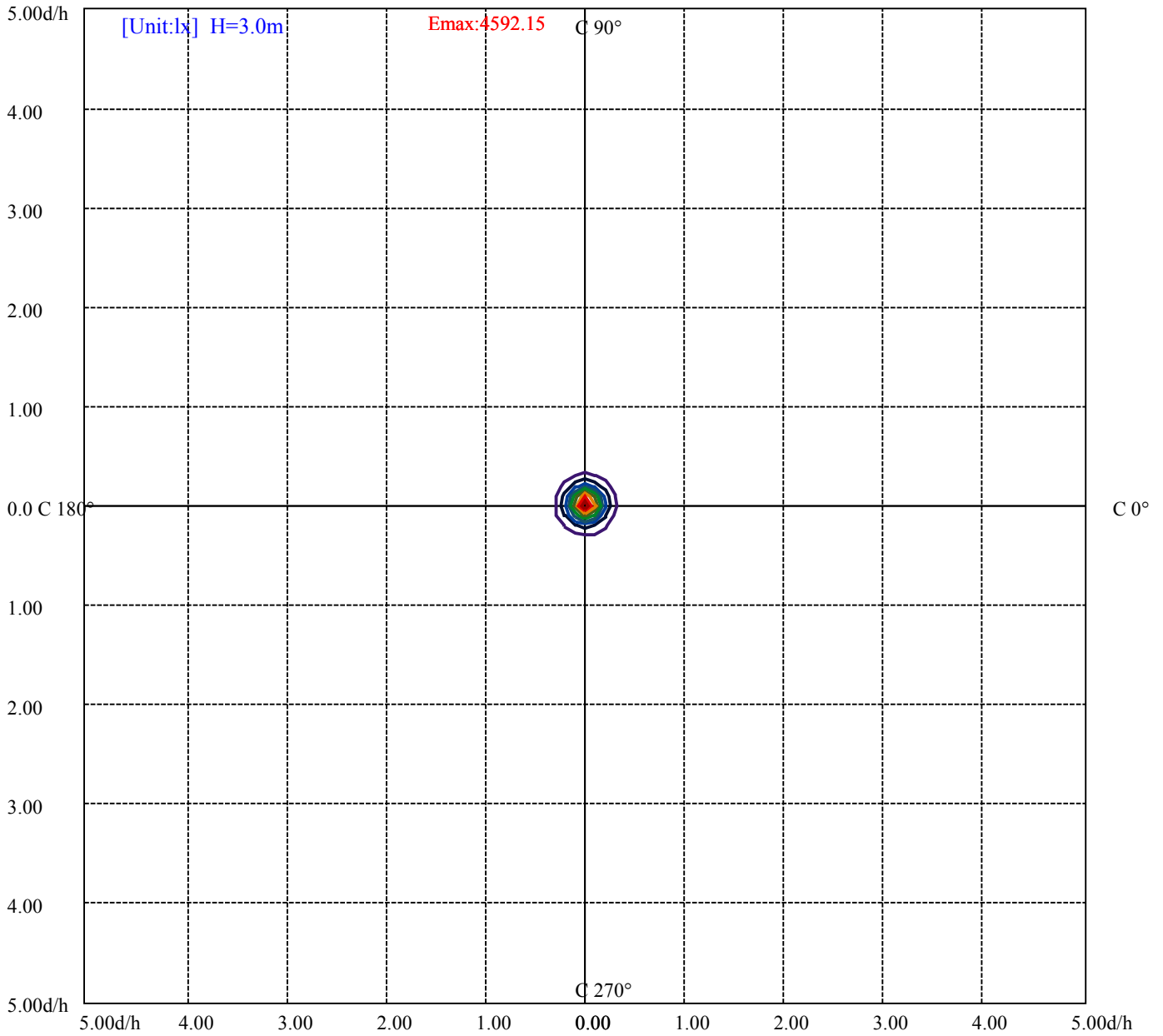


C30(Max): ——
C0/C180: ——
C90/C270: ——



Max , Ave C30面光束角17.60

ROLED 投光灯
平面等照度曲线



- (10%Emax) 459.2133
- (20%Emax) 918.4277
- (30%Emax) 1377.644
- (40%Emax) 1836.855
- (50%Emax) 2296.067
- (60%Emax) 2755.278
- (70%Emax) 3214.5
- (80%Emax) 3673.711
- (90%Emax) 4132.922

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ROLED 投光灯

灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

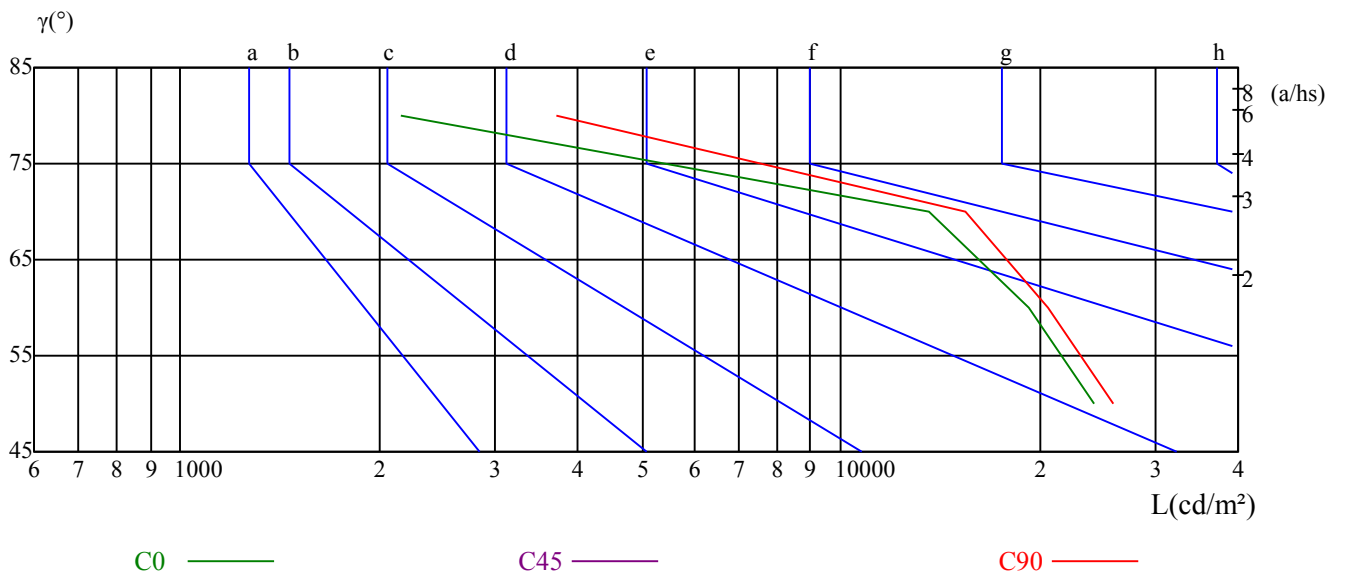
γ	45	50	55	60	65	70	75	80	85
C0	0	24148	0	19243	0	13632	0	2151	0
C45	0	0	0	0	0	0	0	0	0
C90	0	25963	0	20635	0	15502	0	3713	0

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



ROLED 投光灯

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	40287.04	39474.04	35486.85	29380.65	23222.57	16995.29	11831.83	8199.25	5751.59
30.0	41385.47	41307.62	37943.16	32260.77	25454.01	19174.83	13648.12	9626.34	6616.49
60.0	41273.03	41177.89	37770.18	32355.91	25505.90	17076.59	13601.42	9350.43	6560.27
90.0	40728.14	41247.08	38280.47	32805.66	26076.74	19702.42	14020.03	9851.21	6737.57
120.0	40840.58	40304.34	36550.67	30729.90	23879.89	17144.05	12486.56	8706.08	5980.78
150.0	40503.27	39569.18	35677.13	29717.96	23006.34	16718.52	11909.67	8138.71	5682.39
180.0	40287.04	37925.87	32883.50	26526.48	20186.77	14333.12	10089.92	6854.33	4718.03
210.0	41385.47	38211.28	32459.70	26076.74	17205.46	13961.22	9496.60	6679.62	4637.59
240.0	41273.03	38081.55	32667.27	25791.32	19321.87	13950.84	9574.44	6677.03	4670.46
270.0	40728.14	37320.44	31335.33	24909.12	17146.64	13172.43	8943.93	6318.09	4397.15
300.0	40840.58	38176.69	32848.90	26483.24	20039.73	14599.51	9903.11	7031.64	4921.28
330.0	40503.27	38133.44	33298.65	26898.39	20723.00	14753.46	10283.66	7120.72	5037.18
360.0	40287.04	39474.04	35486.85	29380.65	23222.57	16995.29	11831.83	8199.25	5751.59
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	4385.04	2925.96	2163.11	1638.12	1277.46	1031.83	842.41	707.49	607.16
30.0	4653.16	3316.03	2479.67	1885.48	1463.41	1171.07	956.58	804.36	682.41
60.0	4616.84	3289.21	2433.83	1724.61	1462.72	1173.15	956.32	793.29	673.84
90.0	4687.76	3375.70	2467.56	1869.05	1442.65	1146.86	931.50	779.27	660.78
120.0	4203.41	3005.53	2266.90	1713.89	1337.91	1075.68	876.58	728.51	619.27
150.0	4419.64	2854.17	2113.82	1632.93	1263.62	1005.01	828.57	690.19	589.86
180.0	3329.00	2445.07	1723.05	1412.04	1117.28	900.88	747.53	625.24	533.30
210.0	3371.38	2484.86	1717.86	1464.28	1154.73	928.82	770.54	656.37	560.63
240.0	3364.46	2490.05	1907.10	1453.90	1151.18	928.04	771.49	653.00	560.46
270.0	3158.61	2366.37	1724.09	1397.68	1108.11	896.47	746.06	638.56	548.52
300.0	3546.09	2619.78	1972.84	1523.95	1195.29	962.63	791.38	672.03	576.89
330.0	3594.52	2638.81	2004.84	1547.91	1210.34	970.16	806.69	680.07	582.08
360.0	4385.04	2925.96	2163.11	1638.12	1277.46	1031.83	842.41	707.49	607.16
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	525.86	462.72	413.51	370.87	336.71	307.39	283.95	262.32	240.62
30.0	589.00	517.21	458.40	414.03	375.45	344.84	316.81	293.98	271.41
60.0	587.27	514.62	457.01	413.34	375.28	343.54	316.03	293.29	272.27
90.0	569.97	499.91	444.56	398.98	361.10	331.17	304.53	282.04	259.21
120.0	540.48	473.88	423.28	380.38	345.27	315.77	291.90	267.51	250.13
150.0	506.83	447.15	397.08	358.50	325.12	297.35	274.26	253.07	234.47
180.0	462.81	408.41	361.96	327.02	296.06	270.54	248.92	230.58	213.02
210.0	492.04	434.09	385.75	350.11	318.54	291.04	268.21	249.18	231.01
240.0	490.40	437.64	387.39	350.37	320.70	293.37	270.80	251.25	232.83
270.0	480.62	427.69	381.68	346.05	315.69	290.17	267.08	246.41	224.10
300.0	501.64	445.42	398.55	359.54	329.87	302.37	278.58	259.21	240.01
330.0	511.24	450.87	403.91	365.07	332.99	305.40	283.08	262.50	243.30
360.0	525.86	462.72	413.51	370.87	336.71	307.39	283.95	262.32	240.62
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	218.47	198.06	179.64	162.60	145.82	128.70	114.60	101.11	78.79
30.0	252.38	231.71	210.86	188.98	169.17	150.41	130.69	111.14	92.20
60.0	252.90	234.30	214.06	192.79	171.42	151.62	131.12	110.27	90.30
90.0	238.19	216.23	194.34	174.36	154.99	137.52	120.65	106.73	89.60
120.0	233.61	216.05	198.49	176.87	158.10	138.82	120.74	101.89	84.07
150.0	217.70	201.95	185.00	166.49	149.11	131.03	113.82	95.05	77.58
180.0	194.34	176.70	160.09	143.31	126.53	111.49	98.08	84.93	65.82
210.0	215.19	197.54	177.56	158.10	139.08	120.74	101.80	84.85	68.24
240.0	214.84	197.63	178.43	158.97	141.50	122.12	103.70	84.24	67.03
270.0	202.47	184.05	164.76	146.51	129.13	114.43	100.50	82.08	61.32
300.0	221.93	202.39	182.58	163.12	145.04	126.79	107.85	90.38	73.08
330.0	226.43	207.75	188.03	168.40	150.58	131.64	113.82	93.76	75.51
360.0	218.47	198.06	179.64	162.60	145.82	128.70	114.60	101.11	78.79

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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	57.78	42.21	28.89	17.73	6.31	1.12	0.69	0.61	0.52
30.0	73.78	51.03	33.99	21.02	11.68	3.20	0.78	0.78	0.61
60.0	71.01	52.33	35.46	21.88	11.94	3.11	0.86	0.78	0.69
90.0	68.59	48.78	35.46	22.40	10.90	4.07	0.78	0.69	0.61
120.0	68.41	46.19	30.70	19.55	10.47	3.11	0.86	0.78	0.61
150.0	60.72	43.59	28.46	17.56	9.51	2.34	0.86	0.78	0.69
180.0	47.57	34.94	21.97	12.20	4.15	0.95	0.69	0.61	0.52
210.0	48.87	32.69	20.58	11.16	3.20	0.95	0.95	0.78	0.52
240.0	48.61	33.04	20.33	11.16	3.46	0.95	0.78	0.69	0.43
270.0	43.33	30.53	17.99	7.61	2.51	0.78	0.78	0.61	0.43
300.0	52.93	35.63	23.70	12.71	5.02	0.95	0.69	0.61	0.52
330.0	56.91	38.23	25.17	14.10	6.23	1.47	0.69	0.69	0.52
360.0	57.78	42.21	28.89	17.73	6.31	1.12	0.69	0.61	0.52

C/γ(°)	90.0
0.0	0.35
30.0	0.43
60.0	0.43
90.0	0.43
120.0	0.52
150.0	0.35
180.0	0.35
210.0	0.43
240.0	0.35
270.0	0.35
300.0	0.43
330.0	0.43
360.0	0.35