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ROLED

灯具名称: 投光灯
灯具描述: FWK2411C1.8-12-UN(40-SX-12WN-AJ.P1)
报告编号: 电压(V): 220.3000
测试编号: 20230129005 电流(A): 0.3560
光源规格型号: SX 功率(W): 73.3000
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

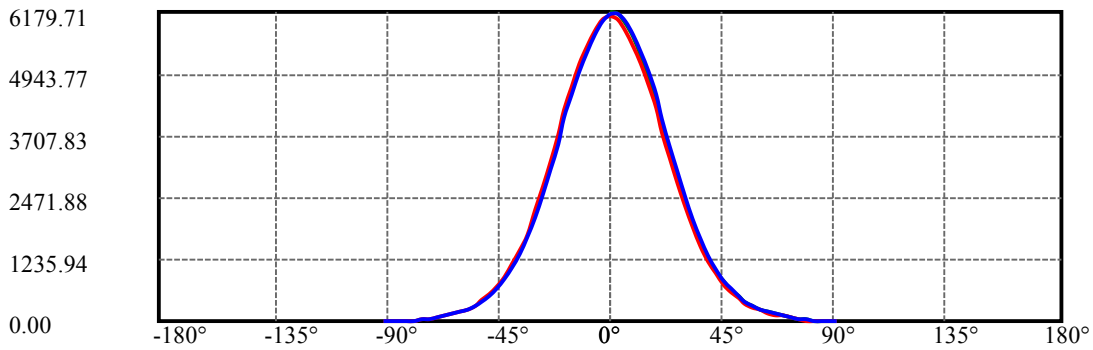
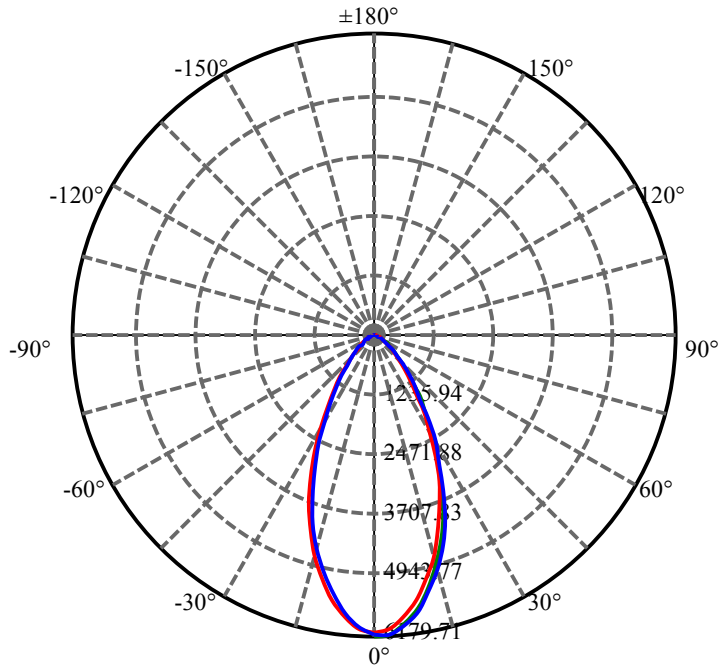
光度结果

灯具光通量(lm): 5337.09
灯具效能(lm/w): 72.81
中心光强(cd): 6108.789
最大光强(cd): 6179.710
最大光强角度: $C=30.0 \gamma=0.0$
半峰边角(50%Imax): [C0/180]Total=50.1
 [C90/270]Total=50.3
光束扩散角(10%Imax): [C0/180]Total=94.2
 [C90/270]Total=94.5

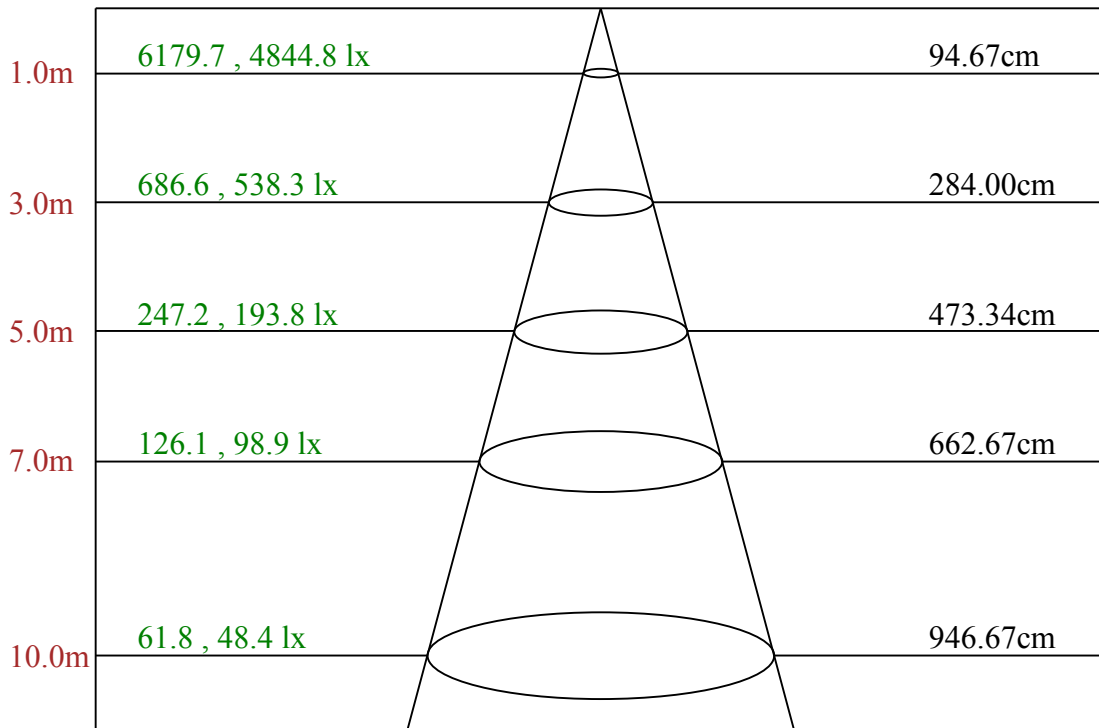
测试设备: GMS-1800
环境温度(°C): 25.0

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

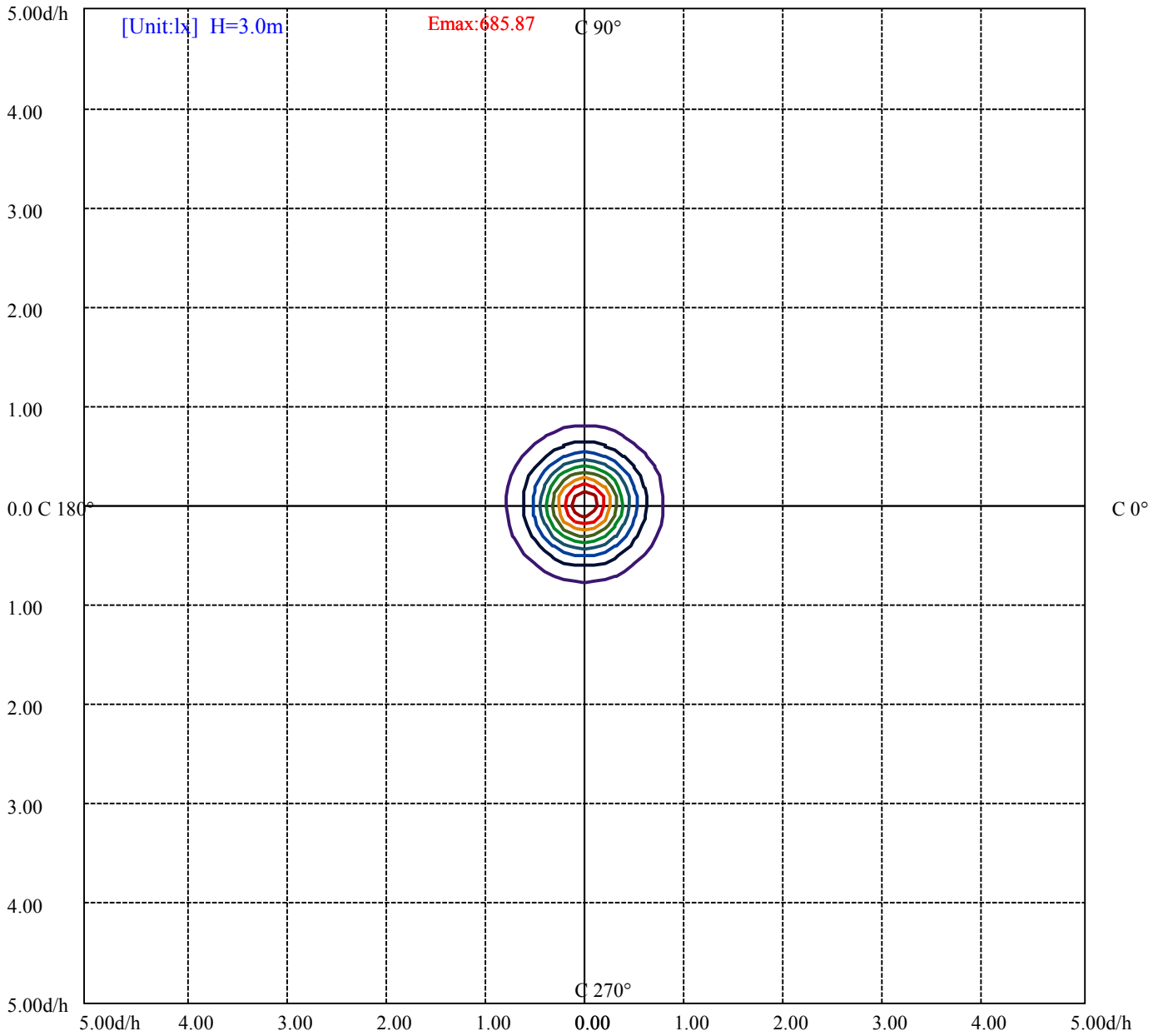


C30(Max): ——
C0/C180: ——
C90/C270: ——



Max, Ave C30面光束角50.65

ROLED 投光灯
平面等照度曲线



- (10%Emax) 68.58656
- (20%Emax) 137.1733
- (30%Emax) 205.76
- (40%Emax) 274.3467
- (50%Emax) 342.9322
- (60%Emax) 411.5189
- (70%Emax) 480.1056
- (80%Emax) 548.6922
- (90%Emax) 617.2789

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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

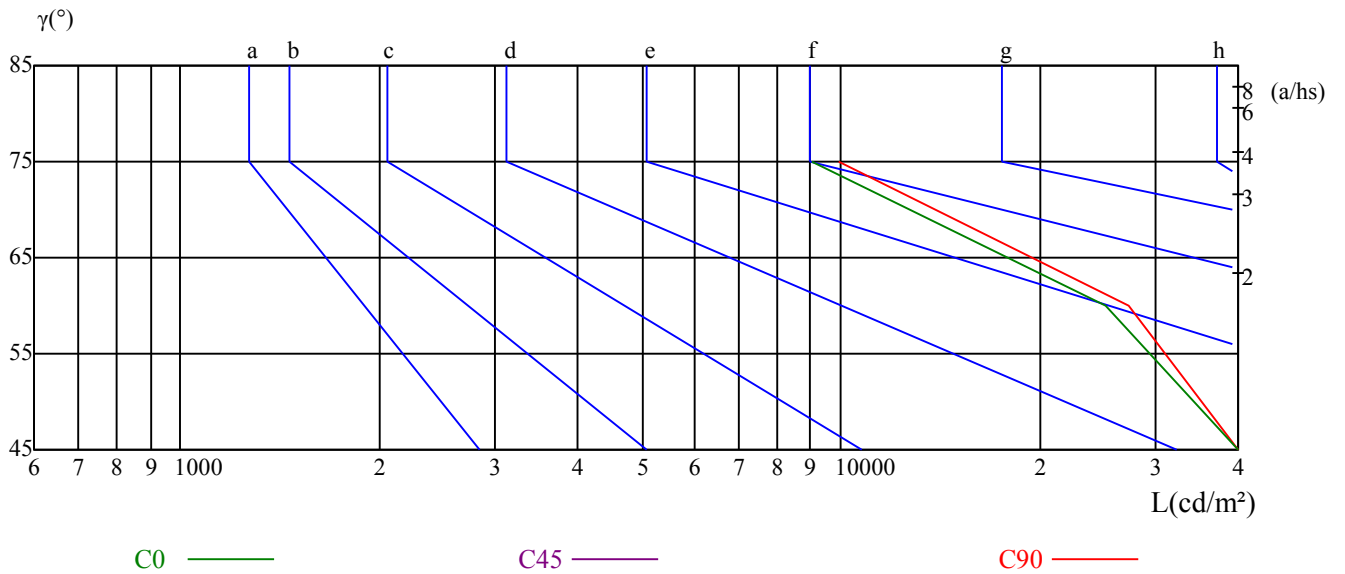
| γ | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 |
|----------|-------|----|----|-------|----|----|------|----|----|
| C0 | 62316 | 0 | 0 | 25118 | 0 | 0 | 9017 | 0 | 0 |
| C45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| C90 | 68106 | 0 | 0 | 27247 | 0 | 0 | 9946 | 0 | 0 |

| 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 | 8236 | 8038 | 0 | 0 | 0 | 0 |

眩光等级表

| 眩光等级 | 质量等级 | 使用照度(lx) | | | | | | | |
|------|------|----------|------|------|-------|-------|-------|-------|-------|
| | | a | b | c | d | e | f | g | h |
| 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 |

亮度限制曲线



ROLED 投光灯

光强数据表(cd)

| C/γ(°) | 0.0 | 3.0 | 6.0 | 9.0 | 12.0 | 15.0 | 18.0 | 21.0 | 24.0 |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0.0 | 6108.79 | 6029.22 | 5800.02 | 5503.36 | 5130.59 | 4711.98 | 4251.85 | 3757.13 | 3265.86 |
| 30.0 | 6179.71 | 6139.93 | 5950.51 | 5670.28 | 5298.38 | 4874.58 | 4401.48 | 3909.35 | 3385.22 |
| 60.0 | 6165.87 | 6133.01 | 5962.62 | 5692.77 | 5332.11 | 4911.77 | 4444.72 | 3938.75 | 3412.03 |
| 90.0 | 6140.79 | 6137.33 | 5981.65 | 5722.18 | 5377.95 | 4971.45 | 4527.75 | 4042.54 | 3508.03 |
| 120.0 | 6132.14 | 6107.06 | 5937.54 | 5673.74 | 5313.95 | 4878.04 | 4417.04 | 3916.27 | 3383.49 |
| 150.0 | 6115.71 | 6079.38 | 5893.43 | 5620.99 | 5268.97 | 4837.39 | 4382.45 | 3866.97 | 3340.24 |
| 180.0 | 6108.79 | 6025.76 | 5806.07 | 5494.71 | 5125.40 | 4694.68 | 4226.77 | 3727.72 | 3193.21 |
| 210.0 | 6179.71 | 6068.14 | 5847.59 | 5512.87 | 5108.10 | 4659.22 | 4160.17 | 3646.42 | 3128.34 |
| 240.0 | 6165.87 | 6041.33 | 5794.83 | 5473.09 | 5063.99 | 4622.89 | 4126.44 | 3619.61 | 3091.15 |
| 270.0 | 6140.79 | 5997.22 | 5729.96 | 5384.87 | 4977.50 | 4542.45 | 4076.27 | 3548.68 | 3038.39 |
| 300.0 | 6132.14 | 6001.54 | 5760.23 | 5427.25 | 5016.42 | 4573.59 | 4089.25 | 3591.93 | 3089.42 |
| 330.0 | 6115.71 | 5992.89 | 5750.72 | 5435.90 | 5031.12 | 4589.16 | 4103.09 | 3598.85 | 3106.72 |
| 360.0 | 6108.79 | 6029.22 | 5800.02 | 5503.36 | 5130.59 | 4711.98 | 4251.85 | 3757.13 | 3265.86 |
| C/γ(°) | 27.0 | 30.0 | 33.0 | 36.0 | 39.0 | 42.0 | 45.0 | 48.0 | 51.0 |
| 0.0 | 2773.73 | 2295.44 | 1862.99 | 1504.93 | 1195.29 | 948.80 | 744.68 | 588.13 | 460.99 |
| 30.0 | 2885.31 | 2395.77 | 1947.75 | 1580.17 | 1270.54 | 1006.74 | 794.84 | 630.51 | 497.32 |
| 60.0 | 2886.17 | 2400.10 | 1968.51 | 1589.08 | 1265.87 | 1012.80 | 806.17 | 635.53 | 504.76 |
| 90.0 | 2985.63 | 2480.53 | 2020.41 | 1636.39 | 1312.05 | 1035.29 | 813.87 | 644.35 | 501.64 |
| 120.0 | 2854.17 | 2370.69 | 1924.40 | 1562.44 | 1241.30 | 986.16 | 774.26 | 609.84 | 480.71 |
| 150.0 | 2825.63 | 2343.01 | 1899.32 | 1530.87 | 1216.05 | 953.98 | 752.46 | 585.54 | 460.99 |
| 180.0 | 2689.84 | 2207.22 | 1722.10 | 1435.04 | 1137.78 | 889.38 | 693.48 | 536.32 | 419.04 |
| 210.0 | 2606.81 | 2130.25 | 1724.70 | 1384.70 | 1102.92 | 864.99 | 681.71 | 532.09 | 418.70 |
| 240.0 | 2587.78 | 2119.01 | 1710.77 | 1374.33 | 1085.45 | 859.71 | 677.22 | 529.32 | 438.50 |
| 270.0 | 2531.56 | 2069.71 | 1687.42 | 1353.57 | 1067.81 | 844.49 | 658.36 | 517.73 | 400.19 |
| 300.0 | 2582.59 | 2119.87 | 1715.10 | 1381.25 | 1101.88 | 869.22 | 687.60 | 540.56 | 437.64 |
| 330.0 | 2607.67 | 2153.60 | 1715.27 | 1411.69 | 1121.86 | 891.19 | 700.91 | 556.04 | 438.16 |
| 360.0 | 2773.73 | 2295.44 | 1862.99 | 1504.93 | 1195.29 | 948.80 | 744.68 | 588.13 | 460.99 |
| C/γ(°) | 54.0 | 57.0 | 60.0 | 63.0 | 66.0 | 69.0 | 72.0 | 75.0 | 78.0 |
| 0.0 | 355.56 | 274.26 | 212.25 | 161.65 | 127.40 | 99.46 | 64.09 | 39.44 | 18.68 |
| 30.0 | 395.69 | 311.71 | 241.65 | 187.34 | 143.92 | 108.20 | 77.50 | 45.15 | 22.83 |
| 60.0 | 398.11 | 312.06 | 244.94 | 189.67 | 144.61 | 106.12 | 75.59 | 45.84 | 22.57 |
| 90.0 | 392.75 | 298.82 | 230.24 | 173.33 | 134.84 | 106.21 | 74.29 | 43.50 | 23.35 |
| 120.0 | 377.70 | 295.28 | 229.89 | 177.65 | 135.36 | 100.93 | 73.34 | 42.38 | 21.62 |
| 150.0 | 360.66 | 283.77 | 219.60 | 171.94 | 130.43 | 97.04 | 68.15 | 40.65 | 20.41 |
| 180.0 | 321.05 | 244.07 | 185.09 | 142.36 | 111.23 | 86.23 | 52.85 | 32.61 | 13.92 |
| 210.0 | 327.88 | 255.49 | 198.06 | 152.40 | 113.22 | 82.42 | 54.14 | 29.23 | 12.45 |
| 240.0 | 326.59 | 253.16 | 197.54 | 151.27 | 113.82 | 83.46 | 53.28 | 28.71 | 12.54 |
| 270.0 | 306.43 | 234.21 | 176.87 | 137.00 | 109.24 | 79.31 | 46.96 | 26.81 | 8.65 |
| 300.0 | 336.53 | 263.54 | 204.29 | 156.81 | 118.92 | 88.74 | 59.51 | 31.48 | 14.18 |
| 330.0 | 347.69 | 272.01 | 211.73 | 165.28 | 126.10 | 92.46 | 63.48 | 34.60 | 15.40 |
| 360.0 | 355.56 | 274.26 | 212.25 | 161.65 | 127.40 | 99.46 | 64.09 | 39.44 | 18.68 |
| C/γ(°) | 81.0 | 84.0 | 87.0 | 90.0 | | | | | |
| 0.0 | 4.50 | 0.69 | 0.61 | 0.35 | | | | | |
| 30.0 | 8.04 | 0.78 | 0.61 | 0.43 | | | | | |
| 60.0 | 8.48 | 0.86 | 0.69 | 0.43 | | | | | |
| 90.0 | 6.05 | 0.69 | 0.69 | 0.43 | | | | | |
| 120.0 | 8.04 | 0.86 | 0.69 | 0.43 | | | | | |
| 150.0 | 6.40 | 0.78 | 0.61 | 0.43 | | | | | |
| 180.0 | 2.42 | 0.69 | 0.61 | 0.35 | | | | | |
| 210.0 | 2.08 | 0.69 | 0.52 | 0.26 | | | | | |
| 240.0 | 2.08 | 0.69 | 0.52 | 0.43 | | | | | |
| 270.0 | 0.86 | 0.69 | 0.52 | 0.35 | | | | | |
| 300.0 | 2.59 | 0.78 | 0.61 | 0.35 | | | | | |
| 330.0 | 3.11 | 0.78 | 0.69 | 0.35 | | | | | |
| 360.0 | 4.50 | 0.69 | 0.61 | 0.35 | | | | | |