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ROLED

灯具名称: 投光灯
灯具描述: FWK2431B9-6-UN-RC-Y(20-OST-6RGBWN-AJ.P4)
报告编号: 电压(V): 220.0000
测试编号: 20230206003 电流(A): 0.3420
光源规格型号: OST 功率(W): 68.8000
每个光源光通量(lm) 功率因数: 0.9150
光源数量: 6 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

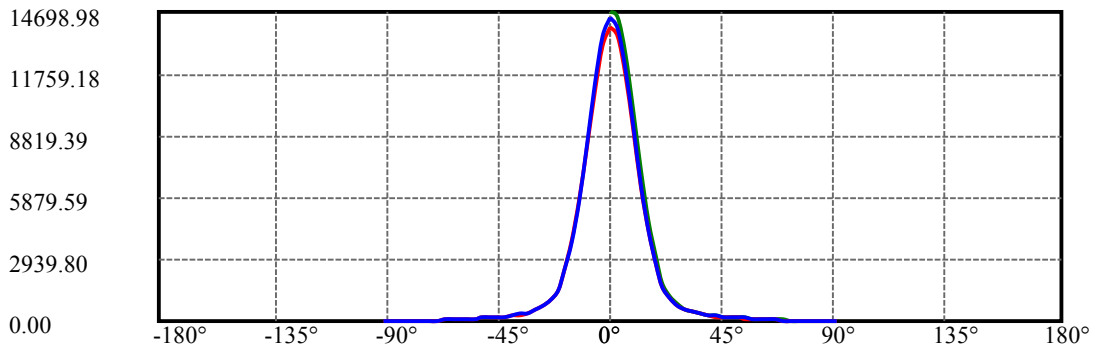
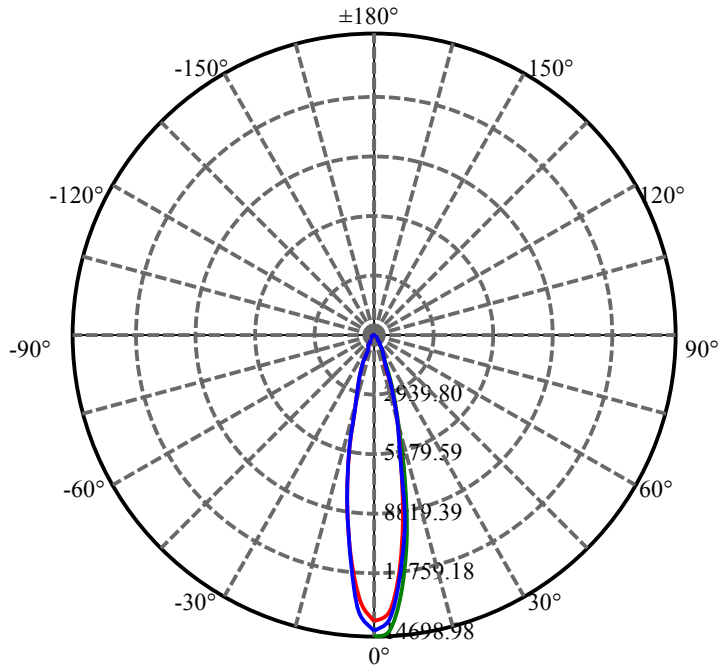
光度结果

灯具光通量(lm): 3252.99
灯具效能(lm/w): 47.28
中心光强(cd): 13995.810
最大光强(cd): 14698.980
最大光强角度: $C=30.0 \gamma=0.0$
半峰边角(50%Imax): [C0/180]Total=21.9
 [C90/270]Total=21.7
光束扩散角(10%Imax): [C0/180]Total=44.0
 [C90/270]Total=43.4

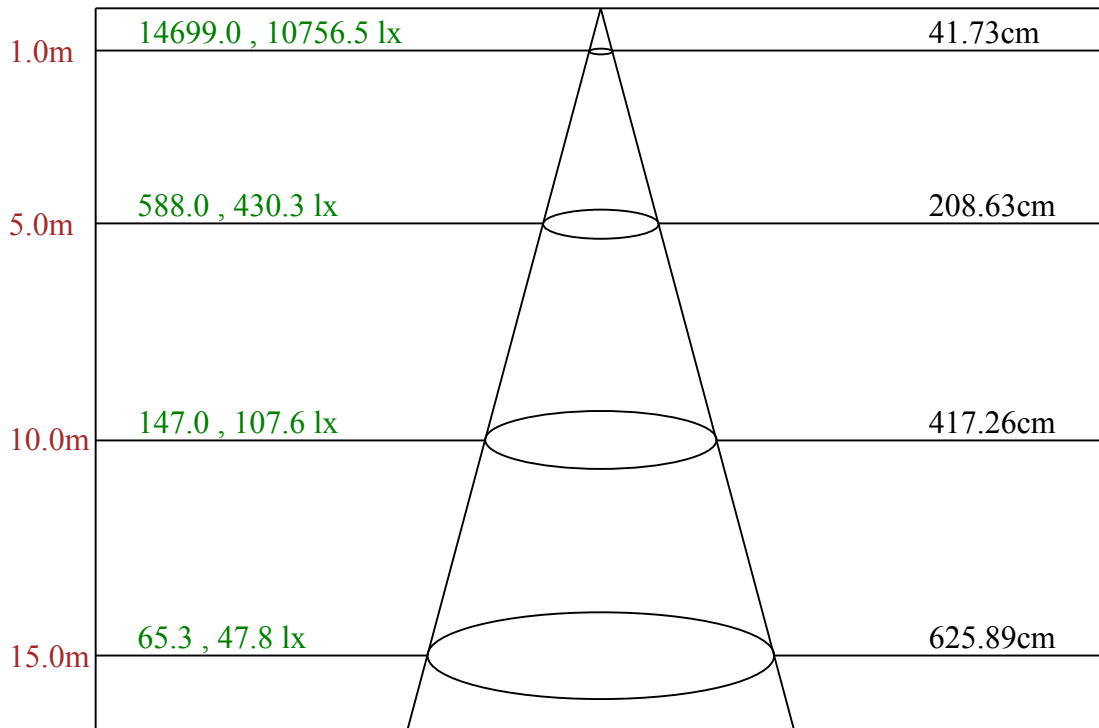
测试设备: GMS-1800
环境温度(°C): 25.0

测试日期: 2023/2/6
环境湿度(%): 60.0%

测试人员: 安培楼
测试距离(m): 9.30

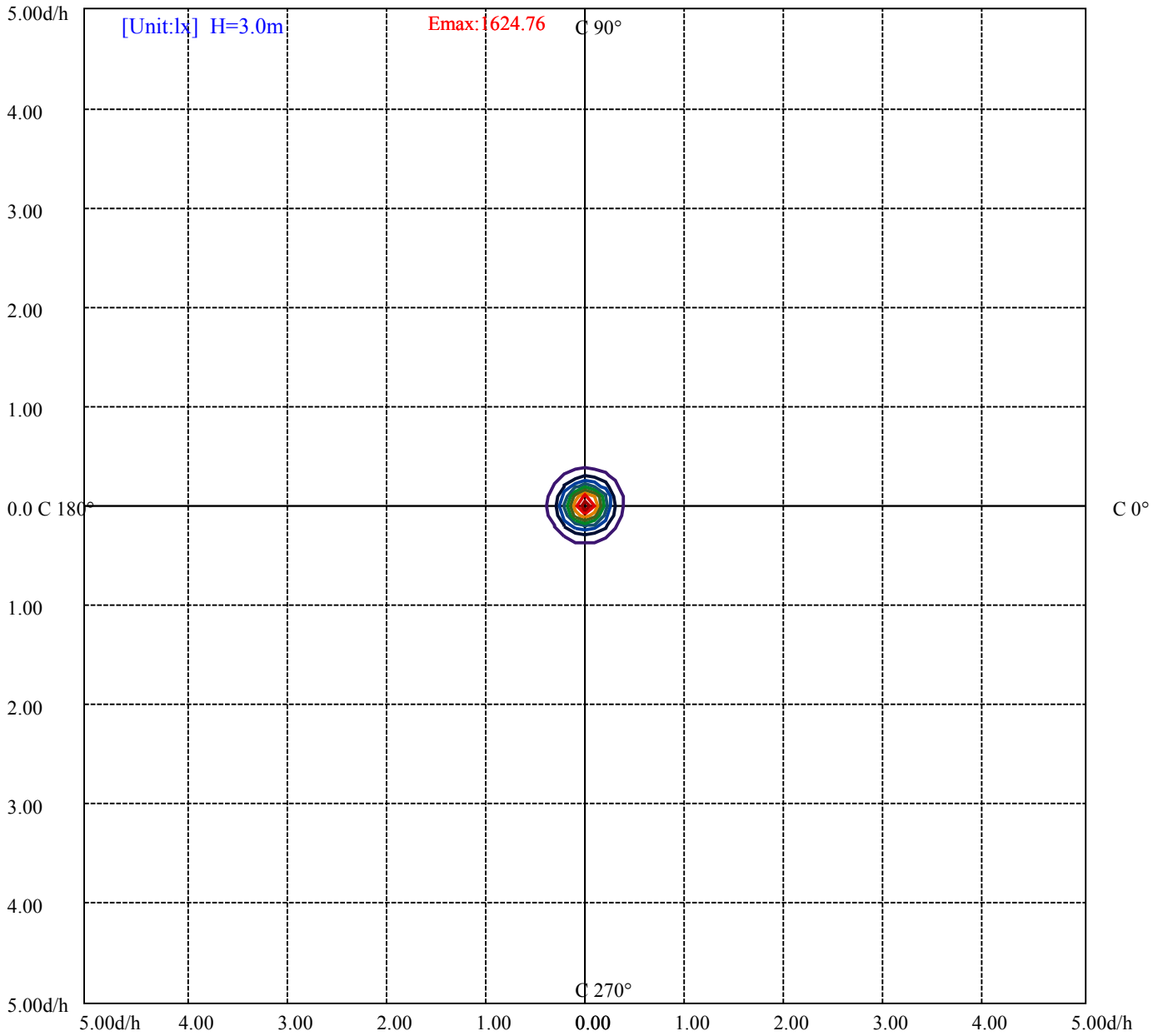


C30(Max): ——
C0/C180: ——
C90/C270: ——



Max , Ave C30面光束角23.57

ROLED 投光灯
平面等照度曲线



- (10%Emax) 162.4756
- (20%Emax) 324.9522
- (30%Emax) 487.4278
- (40%Emax) 649.9033
- (50%Emax) 812.3789
- (60%Emax) 974.8556
- (70%Emax) 1137.333
- (80%Emax) 1299.811
- (90%Emax) 1462.278

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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

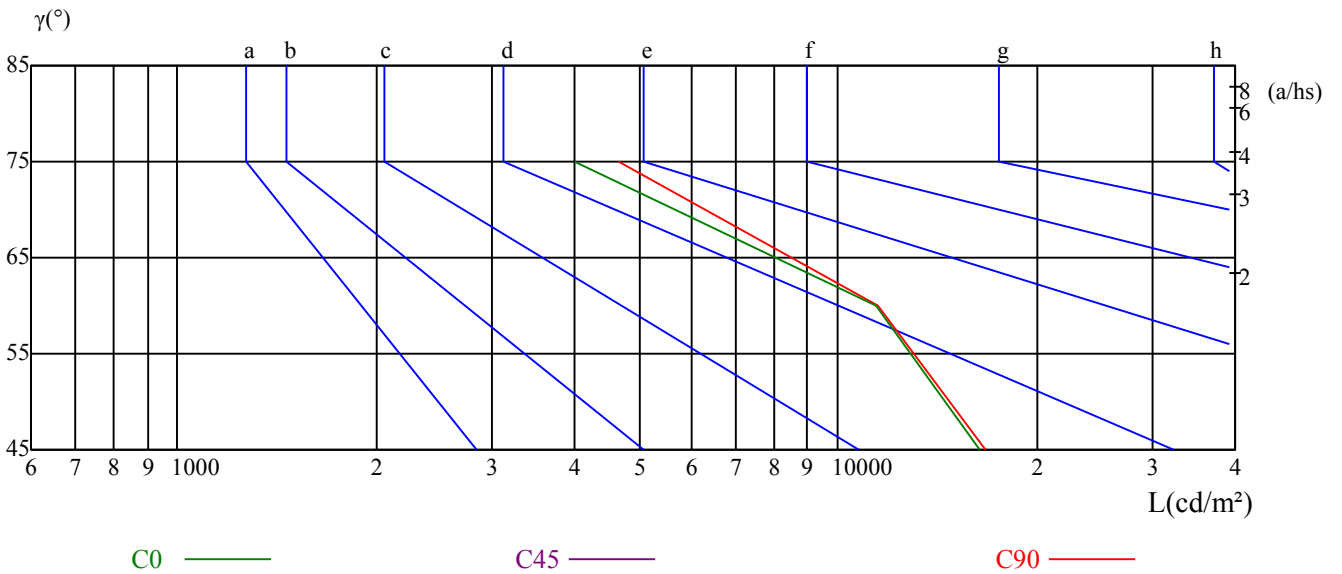
| γ | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 |
|----------|-------|----|----|-------|----|----|------|----|----|
| C0 | 16364 | 0 | 0 | 11443 | 0 | 0 | 3994 | 0 | 0 |
| C45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| C90 | 16777 | 0 | 0 | 11484 | 0 | 0 | 4647 | 0 | 0 |

| 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 | 3688 | 4182 | 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 | 3.0 | 6.0 | 9.0 | 12.0 | 15.0 | 18.0 | 21.0 | 24.0 |
| 0.0 | 13995.81 | 13518.39 | 11672.69 | 9098.75 | 6398.53 | 4250.12 | 2661.30 | 1657.15 | 1089.77 |
| 30.0 | 14698.98 | 14393.67 | 12668.19 | 10056.19 | 7222.78 | 4760.41 | 2973.53 | 1818.02 | 1187.51 |
| 60.0 | 14546.75 | 14090.09 | 12238.34 | 9505.25 | 6818.01 | 4425.69 | 2690.70 | 1683.27 | 1099.46 |
| 90.0 | 14380.69 | 13907.59 | 12003.08 | 9284.70 | 6518.75 | 4264.82 | 2672.54 | 1650.23 | 1078.53 |
| 120.0 | 14253.55 | 13491.58 | 11425.33 | 8604.89 | 6039.60 | 3906.75 | 2435.56 | 1559.93 | 1035.72 |
| 150.0 | 14118.63 | 13422.38 | 11338.84 | 8663.70 | 6030.08 | 3929.24 | 2496.97 | 1586.23 | 1038.74 |
| 180.0 | 13995.81 | 13067.77 | 10908.98 | 8313.42 | 5838.94 | 3789.13 | 2400.10 | 1500.95 | 983.82 |
| 210.0 | 14698.98 | 13598.82 | 11376.89 | 8549.54 | 5987.70 | 3806.42 | 2367.23 | 1489.44 | 1003.89 |
| 240.0 | 14546.75 | 13681.85 | 11465.11 | 8667.16 | 6115.71 | 3961.24 | 2423.45 | 1530.87 | 1010.20 |
| 270.0 | 14380.69 | 13487.25 | 11194.40 | 8354.07 | 5772.34 | 3767.50 | 2356.85 | 1481.83 | 994.98 |
| 300.0 | 14253.55 | 13591.04 | 11471.17 | 8666.30 | 6111.38 | 4055.52 | 2541.08 | 1624.28 | 1070.75 |
| 330.0 | 14118.63 | 13400.76 | 11381.22 | 8608.35 | 5971.27 | 3949.13 | 2526.37 | 1600.41 | 1067.11 |
| 360.0 | 13995.81 | 13518.39 | 11672.69 | 9098.75 | 6398.53 | 4250.12 | 2661.30 | 1657.15 | 1089.77 |
| C/γ(°) | 27.0 | 30.0 | 33.0 | 36.0 | 39.0 | 42.0 | 45.0 | 48.0 | 51.0 |
| 0.0 | 756.79 | 548.35 | 439.37 | 328.66 | 266.99 | 225.48 | 195.55 | 170.99 | 149.54 |
| 30.0 | 822.52 | 592.46 | 447.15 | 353.31 | 286.20 | 240.70 | 207.14 | 182.58 | 161.56 |
| 60.0 | 752.98 | 553.97 | 422.68 | 334.63 | 275.73 | 234.04 | 202.30 | 178.17 | 159.06 |
| 90.0 | 750.73 | 548.35 | 437.64 | 334.37 | 273.22 | 231.62 | 200.48 | 177.13 | 157.58 |
| 120.0 | 722.45 | 536.67 | 410.40 | 324.34 | 266.99 | 225.57 | 196.07 | 172.55 | 153.61 |
| 150.0 | 731.71 | 537.10 | 420.77 | 324.34 | 265.61 | 223.66 | 192.79 | 169.87 | 149.97 |
| 180.0 | 698.75 | 519.80 | 397.34 | 313.61 | 257.39 | 216.48 | 187.51 | 163.21 | 142.36 |
| 210.0 | 710.86 | 531.39 | 407.71 | 325.46 | 266.56 | 226.60 | 195.99 | 172.46 | 152.83 |
| 240.0 | 710.95 | 530.18 | 436.77 | 325.03 | 265.70 | 225.13 | 194.60 | 171.94 | 152.65 |
| 270.0 | 703.86 | 527.07 | 405.55 | 323.56 | 264.57 | 224.79 | 194.86 | 171.94 | 153.00 |
| 300.0 | 749.87 | 556.13 | 437.64 | 334.37 | 271.06 | 228.94 | 197.54 | 174.45 | 154.64 |
| 330.0 | 744.42 | 545.58 | 418.18 | 330.39 | 268.38 | 225.74 | 195.99 | 172.63 | 153.52 |
| 360.0 | 756.79 | 548.35 | 439.37 | 328.66 | 266.99 | 225.48 | 195.55 | 170.99 | 149.54 |
| C/γ(°) | 54.0 | 57.0 | 60.0 | 63.0 | 66.0 | 69.0 | 72.0 | 75.0 | 78.0 |
| 0.0 | 130.60 | 113.30 | 96.70 | 79.74 | 60.89 | 42.55 | 28.02 | 17.47 | 10.81 |
| 30.0 | 141.15 | 122.12 | 103.62 | 85.28 | 67.55 | 49.30 | 31.91 | 18.77 | 9.86 |
| 60.0 | 141.15 | 122.47 | 102.32 | 82.60 | 63.40 | 45.32 | 30.10 | 19.29 | 10.72 |
| 90.0 | 137.52 | 115.98 | 97.04 | 78.10 | 60.80 | 44.63 | 31.74 | 20.33 | 9.77 |
| 120.0 | 135.96 | 118.40 | 99.46 | 80.70 | 62.10 | 44.63 | 29.41 | 18.25 | 9.43 |
| 150.0 | 131.64 | 113.22 | 95.31 | 78.71 | 63.31 | 45.93 | 29.32 | 16.26 | 8.39 |
| 180.0 | 123.08 | 105.43 | 89.43 | 73.17 | 54.92 | 37.54 | 24.39 | 14.79 | 7.70 |
| 210.0 | 133.45 | 114.34 | 96.09 | 79.40 | 60.46 | 42.73 | 26.38 | 13.84 | 7.18 |
| 240.0 | 135.36 | 116.42 | 96.26 | 77.15 | 58.47 | 41.08 | 25.95 | 16.43 | 7.61 |
| 270.0 | 131.64 | 110.88 | 91.16 | 73.08 | 55.44 | 40.22 | 28.46 | 16.26 | 7.09 |
| 300.0 | 137.95 | 120.13 | 99.46 | 80.26 | 62.10 | 44.72 | 28.80 | 18.25 | 9.25 |
| 330.0 | 133.97 | 115.81 | 97.82 | 81.21 | 64.35 | 46.45 | 29.41 | 16.69 | 8.48 |
| 360.0 | 130.60 | 113.30 | 96.70 | 79.74 | 60.89 | 42.55 | 28.02 | 17.47 | 10.81 |
| C/γ(°) | 81.0 | 84.0 | 87.0 | 90.0 | | | | | |
| 0.0 | 2.68 | 0.61 | 0.52 | 0.43 | | | | | |
| 30.0 | 4.41 | 0.69 | 0.52 | 0.35 | | | | | |
| 60.0 | 3.37 | 0.69 | 0.61 | 0.43 | | | | | |
| 90.0 | 3.11 | 0.61 | 0.61 | 0.43 | | | | | |
| 120.0 | 3.37 | 0.69 | 0.52 | 0.35 | | | | | |
| 150.0 | 3.20 | 0.61 | 0.52 | 0.43 | | | | | |
| 180.0 | 1.21 | 0.61 | 0.52 | 0.43 | | | | | |
| 210.0 | 1.56 | 0.61 | 0.52 | 0.43 | | | | | |
| 240.0 | 1.73 | 0.61 | 0.52 | 0.35 | | | | | |
| 270.0 | 1.12 | 0.61 | 0.52 | 0.35 | | | | | |
| 300.0 | 3.20 | 0.61 | 0.52 | 0.43 | | | | | |
| 330.0 | 3.55 | 0.69 | 0.61 | 0.35 | | | | | |
| 360.0 | 2.68 | 0.61 | 0.52 | 0.43 | | | | | |