

浙大三色

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ROLED

灯具名称: 投光灯

灯具描述: F1018A-36-UN(45-OL-36WN-AA, CT)

报告编号:

电压(V): 201.8000

测试编号: 20210301007

电流(A): 0.1990

光源规格型号: OL

功率(W): 39.2000

每个光源光通量(lm)

功率因数: 0.9770

光源数量: 36

镇流器型号:

发光面长度(mm): 156

发光面宽度(mm): 156

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 3628.12

灯具效能(lm/w): 92.55

中心光强(cd): 4509.102

最大光强(cd): 4521.379

最大光强角度: C=120.0 γ =2.0

半峰边角(50%Imax): [C0/180]Total=44.2

[C90/270]Total=44.1

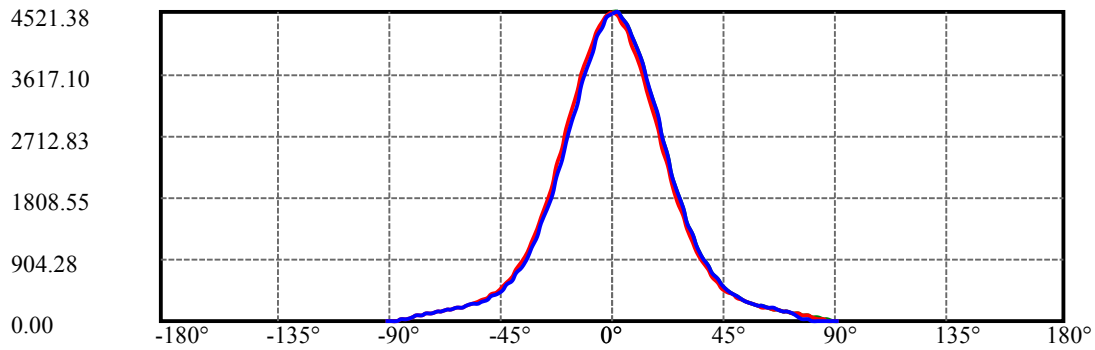
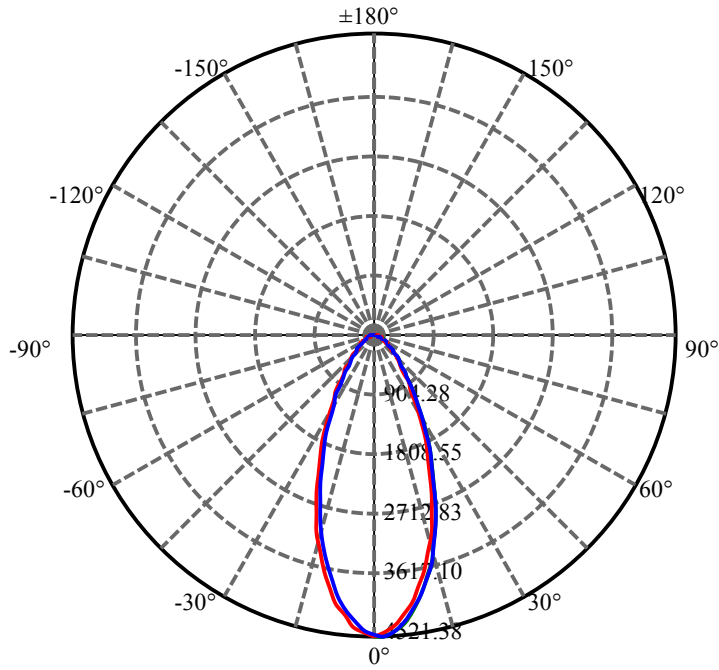
光束扩散角(10%Imax): [C0/180]Total=90.8

[C90/270]Total=90.7

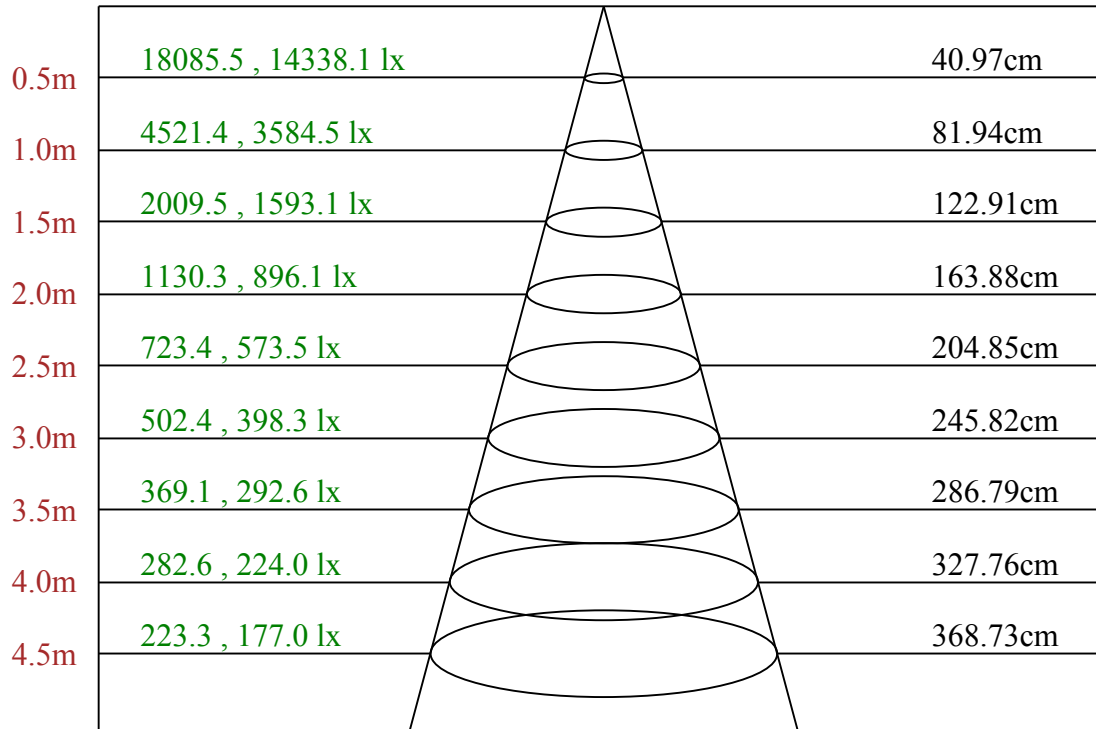
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/3/1
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

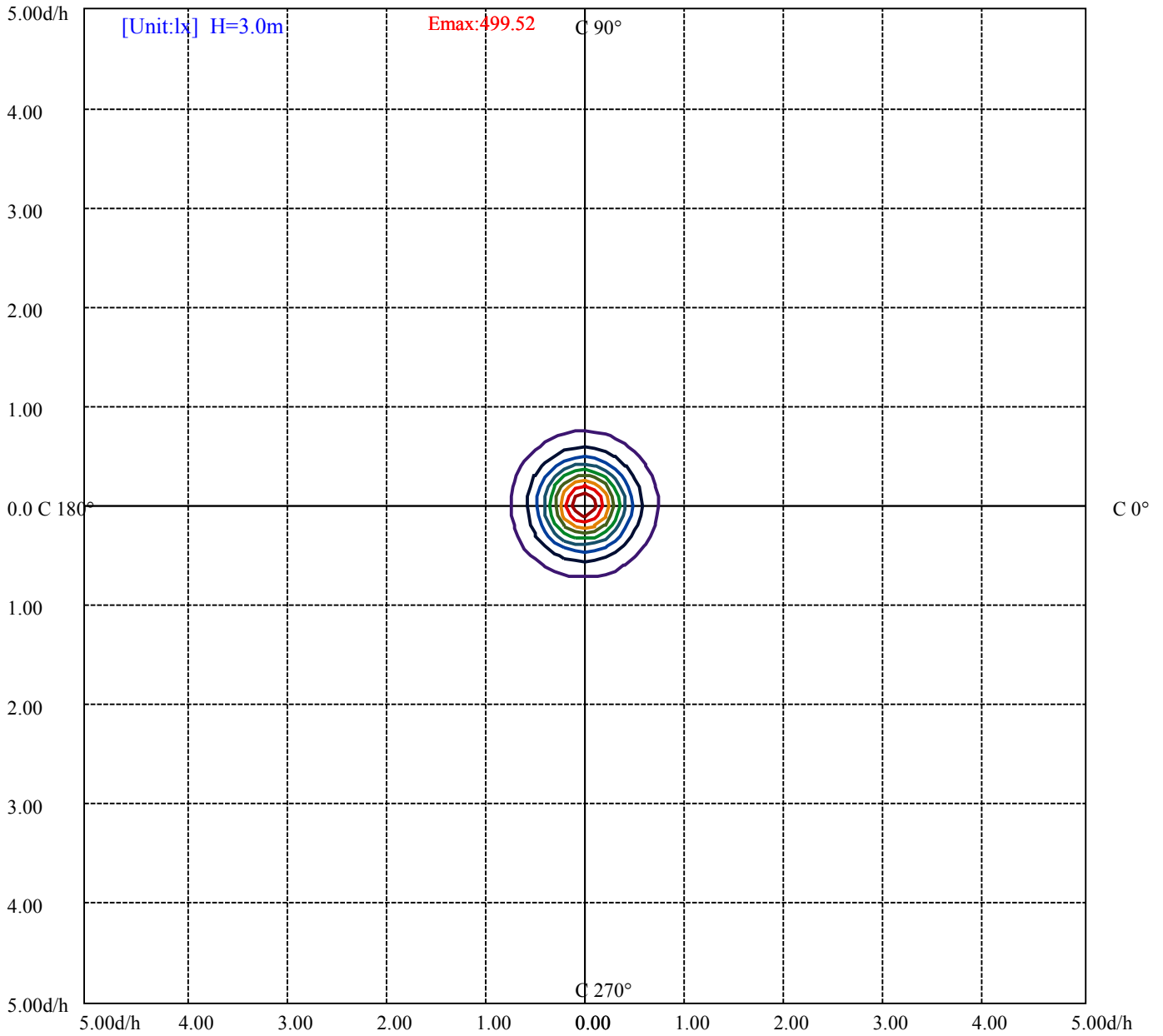


C120(Max): —
C0/C180: —
C90/C270: —



Max , Ave C120面光束角44.54

ROLED 投光灯
平面等照度曲线



| | |
|--------------------|---|
| (10%Emax) 49.95189 | — |
| (20%Emax) 99.90378 | — |
| (30%Emax) 149.8555 | — |
| (40%Emax) 199.8078 | — |
| (50%Emax) 249.76 | — |
| (60%Emax) 299.7111 | — |
| (70%Emax) 349.6633 | — |
| (80%Emax) 399.6156 | — |
| (90%Emax) 449.5667 | — |

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环境湿度(%): 60.0%

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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

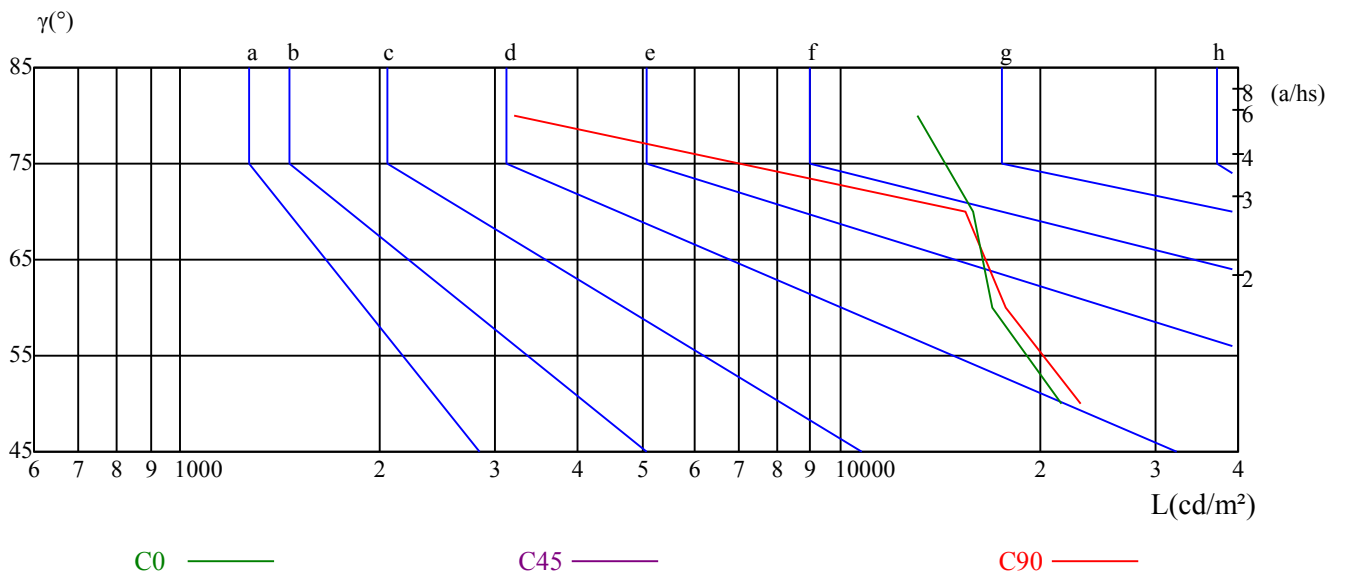
| γ | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 |
|----------|----|-------|----|-------|----|-------|----|-------|----|
| C0 | 0 | 21575 | 0 | 16933 | 0 | 15858 | 0 | 13038 | 0 |
| C45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| C90 | 0 | 23125 | 0 | 17803 | 0 | 15498 | 0 | 3196 | 0 |

| L横(65) | L纵(65) | L45(65) | L横(75) | L纵(75) | L45(75) | L横(85) | L纵(85) | L45(85) |
|--------|--------|---------|--------|--------|---------|--------|--------|---------|
| 164610 | 176634 | 0 | 145846 | 156128 | 0 | 48589 | 49964 | 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



| 参照UGR的照射评估 | | | | | | | | | | | |
|-----------------|------------------|-------|-------|-------|-------|----------------|-------|-------|-------|-------|-------|
| 天花板反射率 | 70 | 70 | 50 | 50 | 30 | 70 | 70 | 50 | 50 | 30 | |
| 墙壁反射率 | 50 | 30 | 50 | 30 | 30 | 50 | 30 | 50 | 30 | 30 | |
| 地板反射率 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | |
| 空间尺寸 | Viewed crosswise | | | | | Viewed endwise | | | | | |
| X | Y | | | | | | | | | | |
| 2H | 2H | 15.00 | 16.23 | 15.37 | 16.55 | 16.86 | 14.86 | 16.09 | 15.22 | 16.40 | 16.71 |
| | 3H | 16.72 | 17.81 | 17.10 | 18.15 | 18.51 | 16.59 | 17.69 | 16.97 | 18.02 | 18.38 |
| | 4H | 17.24 | 18.25 | 17.64 | 18.61 | 18.99 | 17.27 | 18.29 | 17.68 | 18.65 | 19.03 |
| | 6H | 17.50 | 18.44 | 17.92 | 18.81 | 19.20 | 17.76 | 18.69 | 18.17 | 19.06 | 19.46 |
| | 8H | 17.54 | 18.43 | 17.97 | 18.82 | 19.23 | 17.88 | 18.77 | 18.31 | 19.16 | 19.56 |
| | 12H | 17.57 | 18.42 | 18.00 | 18.80 | 19.23 | 17.98 | 18.83 | 18.41 | 19.21 | 19.64 |
| 4H | 2H | 15.51 | 16.53 | 15.91 | 16.88 | 17.26 | 15.39 | 16.41 | 15.79 | 16.76 | 17.14 |
| | 3H | 17.48 | 18.32 | 17.89 | 18.72 | 19.13 | 17.35 | 18.19 | 17.76 | 18.59 | 19.00 |
| | 4H | 18.14 | 18.90 | 18.58 | 19.32 | 19.76 | 18.16 | 18.91 | 18.60 | 19.33 | 19.78 |
| | 6H | 18.46 | 19.11 | 18.93 | 19.56 | 20.03 | 18.66 | 19.31 | 19.13 | 19.76 | 20.23 |
| | 8H | 18.54 | 19.14 | 19.01 | 19.59 | 20.06 | 18.83 | 19.43 | 19.30 | 19.88 | 20.35 |
| | 12H | 18.57 | 19.10 | 19.06 | 19.58 | 20.06 | 18.93 | 19.46 | 19.42 | 19.95 | 20.42 |
| 8H | 4H | 18.42 | 19.03 | 18.89 | 19.48 | 19.95 | 18.44 | 19.04 | 18.91 | 19.49 | 19.96 |
| | 6H | 18.91 | 19.40 | 19.41 | 19.89 | 20.38 | 19.07 | 19.56 | 19.58 | 20.06 | 20.54 |
| | 8H | 19.05 | 19.48 | 19.57 | 20.00 | 20.49 | 19.30 | 19.73 | 19.82 | 20.25 | 20.75 |
| | 12H | 19.62 | 20.00 | 20.14 | 20.50 | 21.07 | 19.88 | 20.26 | 20.39 | 20.75 | 21.33 |
| 12H | 4H | 18.43 | 18.96 | 18.92 | 19.45 | 19.92 | 18.45 | 18.98 | 18.93 | 19.46 | 19.94 |
| | 6H | 19.47 | 19.39 | 19.48 | 19.86 | 20.40 | 19.63 | 19.55 | 19.65 | 20.02 | 20.57 |
| | 8H | 19.14 | 19.52 | 19.66 | 20.02 | 20.59 | 19.38 | 19.76 | 19.90 | 20.26 | 20.83 |
| 对应照射距离，改变观察者位置S | | | | | | | | | | | |
| S = 1.0H | 0.6/-0.8 | | | | | 0.5/-0.8 | | | | | |
| S = 1.5H | 1.3/-1.2 | | | | | 1.1/-1.0 | | | | | |
| S = 2.0H | 2.9/-1.2 | | | | | 2.3/-1.1 | | | | | |
| 标准表格 | BK3 | | | | | BK3 | | | | | |
| 更正系数 | 5.4 | | | | | 5.6 | | | | | |

ROLED 投光灯

光强数据表(cd)

附页 第7页 共8页

| C/γ(°) | 0.0 | 2.0 | 4.0 | 6.0 | 8.0 | 10.0 | 12.0 | 14.0 | 16.0 |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0.0 | 4509.10 | 4467.66 | 4362.53 | 4226.71 | 4049.44 | 3843.02 | 3606.67 | 3356.50 | 3090.99 |
| 30.0 | 4492.22 | 4443.11 | 4354.09 | 4225.17 | 4054.05 | 3858.37 | 3619.71 | 3368.78 | 3088.69 |
| 60.0 | 4499.13 | 4480.71 | 4396.30 | 4257.40 | 4097.02 | 3895.97 | 3675.73 | 3414.82 | 3159.29 |
| 90.0 | 4502.96 | 4516.01 | 4443.11 | 4320.33 | 4172.22 | 3984.98 | 3764.75 | 3527.63 | 3261.35 |
| 120.0 | 4516.78 | 4521.38 | 4443.87 | 4332.60 | 4179.13 | 3988.82 | 3757.84 | 3517.65 | 3246.00 |
| 150.0 | 4508.33 | 4514.47 | 4435.43 | 4308.05 | 4142.30 | 3948.15 | 3724.84 | 3489.26 | 3229.12 |
| 180.0 | 4509.10 | 4473.80 | 4378.65 | 4234.38 | 4067.09 | 3855.30 | 3608.97 | 3361.87 | 3087.92 |
| 210.0 | 4492.22 | 4458.45 | 4363.30 | 4230.54 | 4060.95 | 3860.67 | 3633.53 | 3380.29 | 3111.71 |
| 240.0 | 4499.13 | 4447.71 | 4337.98 | 4182.97 | 4001.87 | 3787.77 | 3546.04 | 3285.14 | 3035.74 |
| 270.0 | 4502.96 | 4425.46 | 4302.68 | 4143.83 | 3941.24 | 3707.96 | 3443.22 | 3186.91 | 2910.66 |
| 300.0 | 4516.78 | 4435.43 | 4312.65 | 4161.48 | 3951.99 | 3737.89 | 3483.89 | 3206.86 | 2944.42 |
| 330.0 | 4508.33 | 4430.06 | 4301.14 | 4145.37 | 3940.48 | 3727.91 | 3473.91 | 3216.07 | 2959.00 |
| 360.0 | 4509.10 | 4467.66 | 4362.53 | 4226.71 | 4049.44 | 3843.02 | 3606.67 | 3356.50 | 3090.99 |
| C/γ(°) | 18.0 | 20.0 | 22.0 | 24.0 | 26.0 | 28.0 | 30.0 | 32.0 | 34.0 |
| 0.0 | 2811.67 | 2535.41 | 2263.76 | 2012.06 | 1748.08 | 1538.59 | 1335.23 | 1151.06 | 1003.73 |
| 30.0 | 2803.22 | 2510.85 | 2245.34 | 1979.06 | 1733.50 | 1520.17 | 1319.89 | 1148.76 | 986.08 |
| 60.0 | 2876.13 | 2591.43 | 2319.78 | 2047.36 | 1807.94 | 1524.62 | 1383.81 | 1196.11 | 1038.49 |
| 90.0 | 2995.07 | 2705.77 | 2420.30 | 2144.05 | 1882.37 | 1656.00 | 1441.13 | 1256.19 | 1085.84 |
| 120.0 | 2972.81 | 2685.82 | 2401.12 | 2124.10 | 1880.07 | 1642.95 | 1435.07 | 1252.66 | 1082.38 |
| 150.0 | 2971.28 | 2688.89 | 2407.26 | 2135.61 | 1875.47 | 1649.09 | 1436.53 | 1251.59 | 1079.70 |
| 180.0 | 2805.53 | 2525.43 | 2262.22 | 1995.94 | 1750.38 | 1525.93 | 1342.52 | 1162.50 | 1006.03 |
| 210.0 | 2824.71 | 2561.50 | 2288.32 | 2031.24 | 1784.15 | 1521.78 | 1357.56 | 1185.83 | 1026.98 |
| 240.0 | 2761.79 | 2478.62 | 2224.62 | 1961.41 | 1723.53 | 1508.66 | 1316.05 | 1134.18 | 986.85 |
| 270.0 | 2625.19 | 2365.82 | 2099.54 | 1840.17 | 1621.47 | 1419.65 | 1224.96 | 1069.42 | 925.99 |
| 300.0 | 2659.73 | 2387.31 | 2108.75 | 1867.03 | 1628.37 | 1429.62 | 1238.54 | 1066.65 | 930.83 |
| 330.0 | 2674.31 | 2410.33 | 2137.91 | 1886.21 | 1648.32 | 1445.20 | 1247.91 | 1078.93 | 939.19 |
| 360.0 | 2811.67 | 2535.41 | 2263.76 | 2012.06 | 1748.08 | 1538.59 | 1335.23 | 1151.06 | 1003.73 |
| C/γ(°) | 36.0 | 38.0 | 40.0 | 42.0 | 44.0 | 46.0 | 48.0 | 50.0 | 52.0 |
| 0.0 | 864.83 | 749.73 | 645.36 | 561.72 | 488.82 | 431.27 | 387.52 | 337.49 | 303.57 |
| 30.0 | 857.16 | 739.75 | 639.99 | 557.88 | 486.52 | 428.20 | 389.83 | 336.49 | 300.58 |
| 60.0 | 895.83 | 773.75 | 673.53 | 583.13 | 510.69 | 443.39 | 391.82 | 347.01 | 311.09 |
| 90.0 | 936.97 | 807.28 | 702.15 | 606.23 | 525.65 | 461.96 | 405.17 | 361.74 | 319.77 |
| 120.0 | 933.97 | 806.36 | 700.77 | 606.00 | 530.26 | 462.65 | 406.25 | 359.06 | 319.61 |
| 150.0 | 931.59 | 802.68 | 697.54 | 600.86 | 518.75 | 449.68 | 388.29 | 340.10 | 297.13 |
| 180.0 | 874.81 | 755.40 | 657.64 | 570.08 | 496.49 | 434.80 | 385.22 | 341.41 | 304.96 |
| 210.0 | 883.86 | 771.75 | 668.38 | 581.52 | 507.31 | 444.62 | 390.59 | 349.62 | 312.86 |
| 240.0 | 851.79 | 735.91 | 644.60 | 559.42 | 487.28 | 428.20 | 388.29 | 338.95 | 305.65 |
| 270.0 | 796.38 | 694.94 | 602.70 | 522.35 | 458.20 | 405.94 | 358.44 | 320.53 | 289.91 |
| 300.0 | 804.21 | 692.17 | 600.09 | 525.65 | 458.12 | 405.94 | 360.28 | 320.92 | 288.61 |
| 330.0 | 808.20 | 705.53 | 612.37 | 530.03 | 463.96 | 409.78 | 360.44 | 322.76 | 289.15 |
| 360.0 | 864.83 | 749.73 | 645.36 | 561.72 | 488.82 | 431.27 | 387.52 | 337.49 | 303.57 |
| C/γ(°) | 54.0 | 56.0 | 58.0 | 60.0 | 62.0 | 64.0 | 66.0 | 68.0 | 70.0 |
| 0.0 | 272.57 | 246.33 | 224.61 | 206.04 | 188.93 | 174.73 | 160.00 | 145.65 | 131.99 |
| 30.0 | 272.03 | 246.40 | 224.38 | 206.58 | 190.00 | 174.73 | 160.61 | 147.26 | 133.14 |
| 60.0 | 278.94 | 252.01 | 229.98 | 210.11 | 193.00 | 177.34 | 163.30 | 148.79 | 134.37 |
| 90.0 | 288.38 | 260.06 | 237.12 | 216.63 | 198.90 | 183.79 | 169.28 | 153.86 | 129.00 |
| 120.0 | 287.84 | 259.60 | 236.66 | 216.09 | 197.98 | 181.87 | 167.75 | 153.32 | 139.97 |
| 150.0 | 262.37 | 233.36 | 211.03 | 192.53 | 176.50 | 161.69 | 147.64 | 134.44 | 121.86 |
| 180.0 | 275.56 | 249.17 | 227.60 | 206.73 | 190.46 | 174.81 | 160.69 | 146.26 | 131.99 |
| 210.0 | 281.09 | 256.46 | 233.74 | 213.48 | 196.60 | 181.79 | 166.52 | 152.71 | 139.05 |
| 240.0 | 273.65 | 249.40 | 227.60 | 209.11 | 192.30 | 177.34 | 163.14 | 148.49 | 134.29 |
| 270.0 | 261.83 | 239.57 | 218.47 | 201.59 | 186.40 | 172.97 | 158.77 | 145.72 | 133.45 |
| 300.0 | 261.83 | 237.73 | 217.78 | 200.59 | 184.48 | 169.97 | 155.70 | 142.66 | 128.84 |
| 330.0 | 259.76 | 236.58 | 214.33 | 196.68 | 180.87 | 165.91 | 152.02 | 138.36 | 125.08 |
| 360.0 | 272.57 | 246.33 | 224.61 | 206.04 | 188.93 | 174.73 | 160.00 | 145.65 | 131.99 |

测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/3/1
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

ROLED 投光灯

光强数据表(cd)

附页 第 8页 共8页

| C/γ(°) | 72.0 | 74.0 | 76.0 | 78.0 | 80.0 | 82.0 | 84.0 | 86.0 | 88.0 |
|--------|--------|--------|-------|-------|-------|-------|-------|-------|------|
| 0.0 | 118.10 | 102.44 | 86.25 | 70.75 | 55.10 | 38.91 | 21.95 | 6.91 | 1.38 |
| 30.0 | 119.25 | 103.60 | 87.02 | 72.13 | 55.56 | 38.06 | 20.72 | 4.60 | 1.07 |
| 60.0 | 120.25 | 104.44 | 88.09 | 72.13 | 57.86 | 40.98 | 23.94 | 8.59 | 1.23 |
| 90.0 | 99.22 | 67.99 | 36.22 | 18.57 | 13.51 | 9.36 | 5.53 | 2.30 | 0.61 |
| 120.0 | 125.39 | 110.12 | 93.93 | 77.35 | 62.39 | 45.89 | 29.39 | 14.04 | 1.61 |
| 150.0 | 108.97 | 95.85 | 83.41 | 70.29 | 57.78 | 43.05 | 27.70 | 12.20 | 1.46 |
| 180.0 | 117.95 | 101.68 | 85.95 | 70.21 | 56.02 | 39.60 | 23.64 | 7.60 | 1.07 |
| 210.0 | 123.93 | 109.20 | 92.55 | 75.66 | 60.01 | 43.51 | 26.70 | 11.66 | 1.61 |
| 240.0 | 119.25 | 104.44 | 88.40 | 72.82 | 56.71 | 39.98 | 23.33 | 8.36 | 2.00 |
| 270.0 | 119.56 | 105.13 | 89.71 | 74.36 | 57.78 | 40.67 | 22.33 | 5.99 | 2.76 |
| 300.0 | 113.96 | 99.30 | 83.80 | 69.37 | 52.49 | 36.22 | 18.26 | 3.53 | 1.69 |
| 330.0 | 110.50 | 95.92 | 80.19 | 65.38 | 49.27 | 32.92 | 16.19 | 3.30 | 1.23 |
| 360.0 | 118.10 | 102.44 | 86.25 | 70.75 | 55.10 | 38.91 | 21.95 | 6.91 | 1.38 |

| C/γ(°) | 90.0 |
|--------|------|
| 0.0 | 0.38 |
| 30.0 | 0.31 |
| 60.0 | 0.46 |
| 90.0 | 0.46 |
| 120.0 | 0.84 |
| 150.0 | 0.84 |
| 180.0 | 0.54 |
| 210.0 | 0.92 |
| 240.0 | 0.92 |
| 270.0 | 1.53 |
| 300.0 | 0.77 |
| 330.0 | 0.54 |
| 360.0 | 0.38 |