

浙大三色

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ROLED

灯具名称: 投光灯

灯具描述: F1018A-36-UN(20-OL-36WN-AA, CT)

报告编号:

电压(V): 202.1000

测试编号: 20210224003

电流(A): 0.2040

光源规格型号: OL

功率(W): 40.3000

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): 210

发光面宽度(mm): 210

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 3900.98

灯具效能(lm/w): 96.80

中心光强(cd): 16667.410

最大光强(cd): 16744.140

最大光强角度: C=150.0 γ =2.0

半峰边角(50%Imax): [C0/180]Total=21.2

[C90/270]Total=21.2

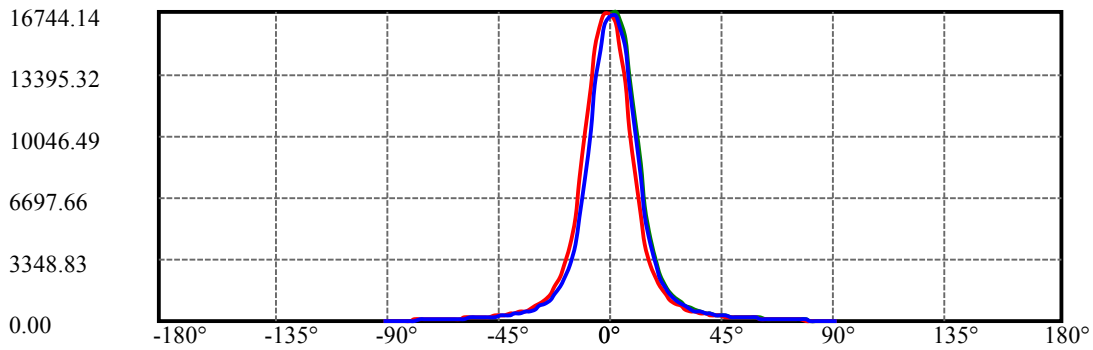
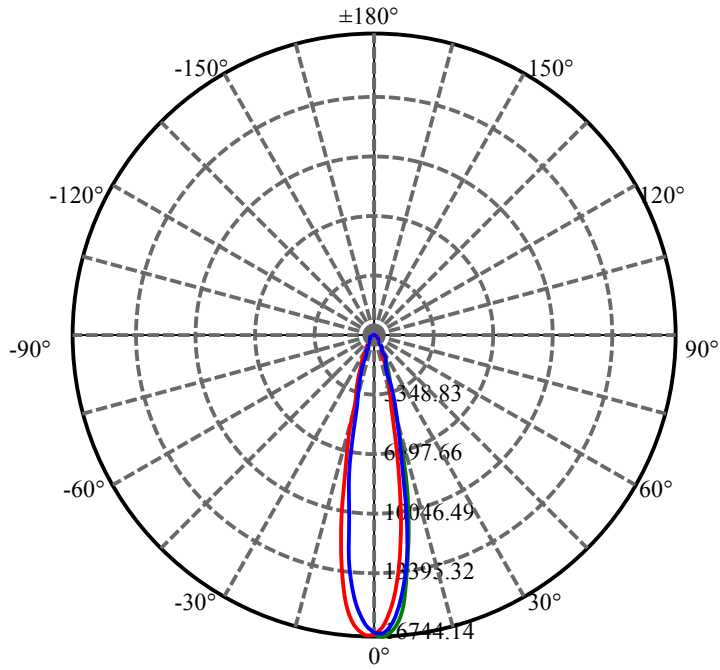
光束扩散角(10%Imax): [C0/180]Total=44.0

[C90/270]Total=43.8

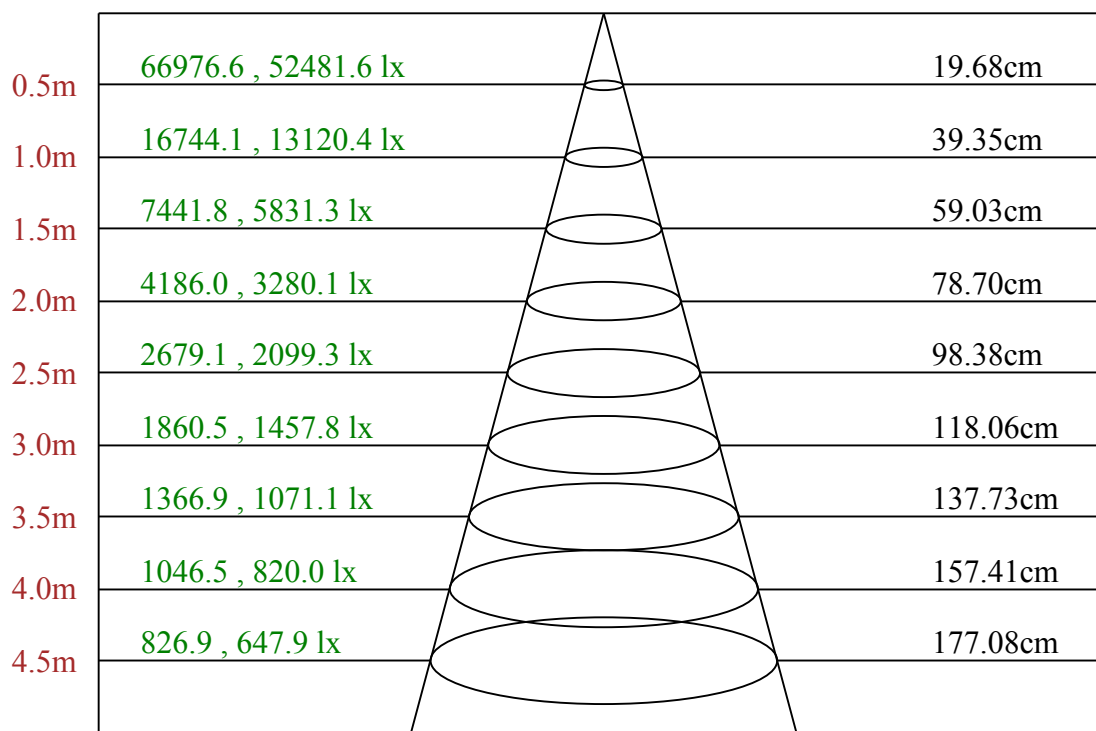
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/2/24
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

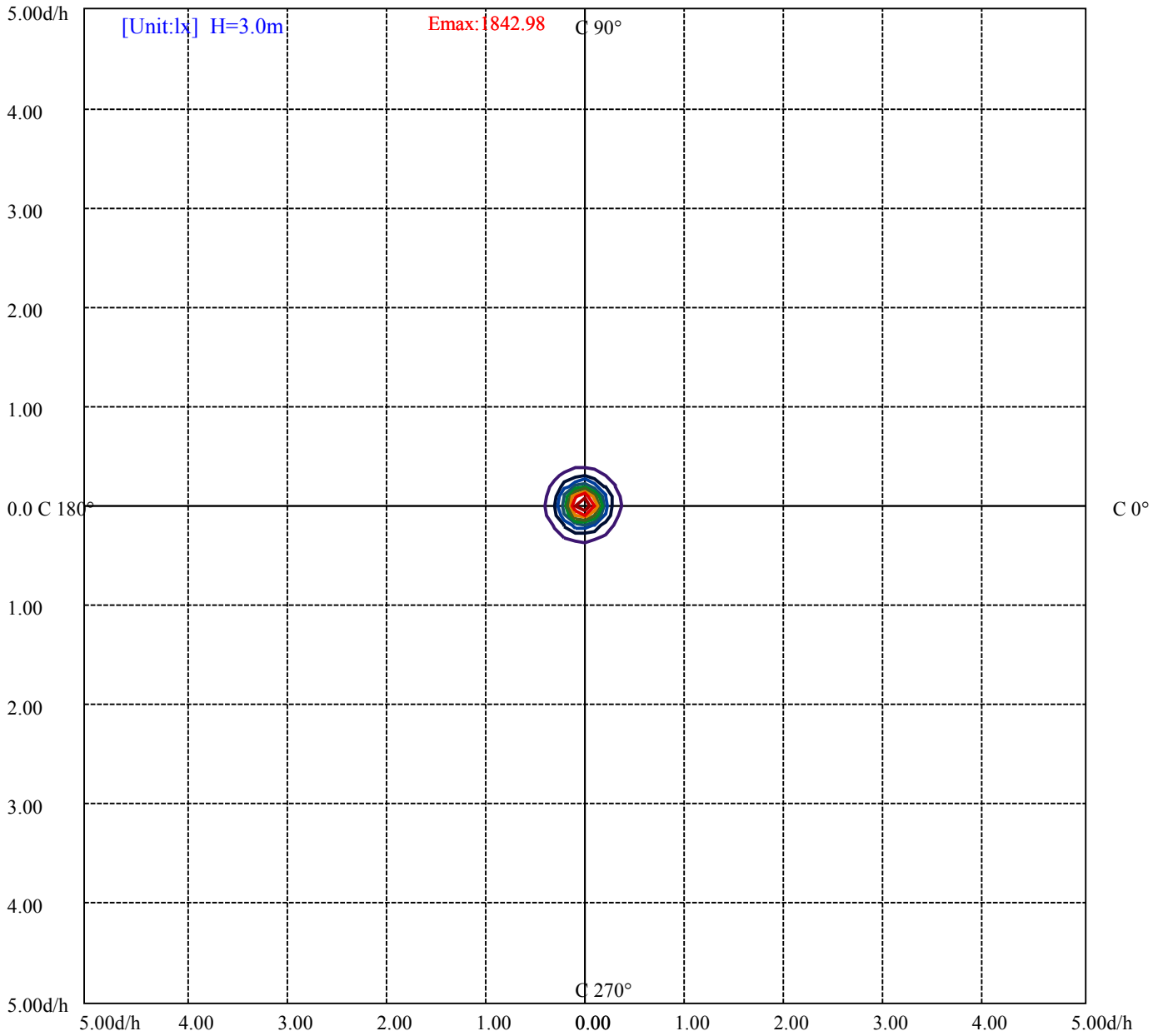


C150(Max): —
C0/C180: —
C90/C270: —



Max , Ave C150面光束角22.25

ROLED 投光灯
平面等照度曲线



- (10%Emax) 184.2978
- (20%Emax) 368.5956
- (30%Emax) 552.8933
- (40%Emax) 737.1912
- (50%Emax) 921.489
- (60%Emax) 1105.787
- (70%Emax) 1290.089
- (80%Emax) 1474.378
- (90%Emax) 1658.678

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ROLED 投光灯

灯具的亮度限制曲线(灯具无发光侧边)

附页 第 5页 共8页

亮度值表

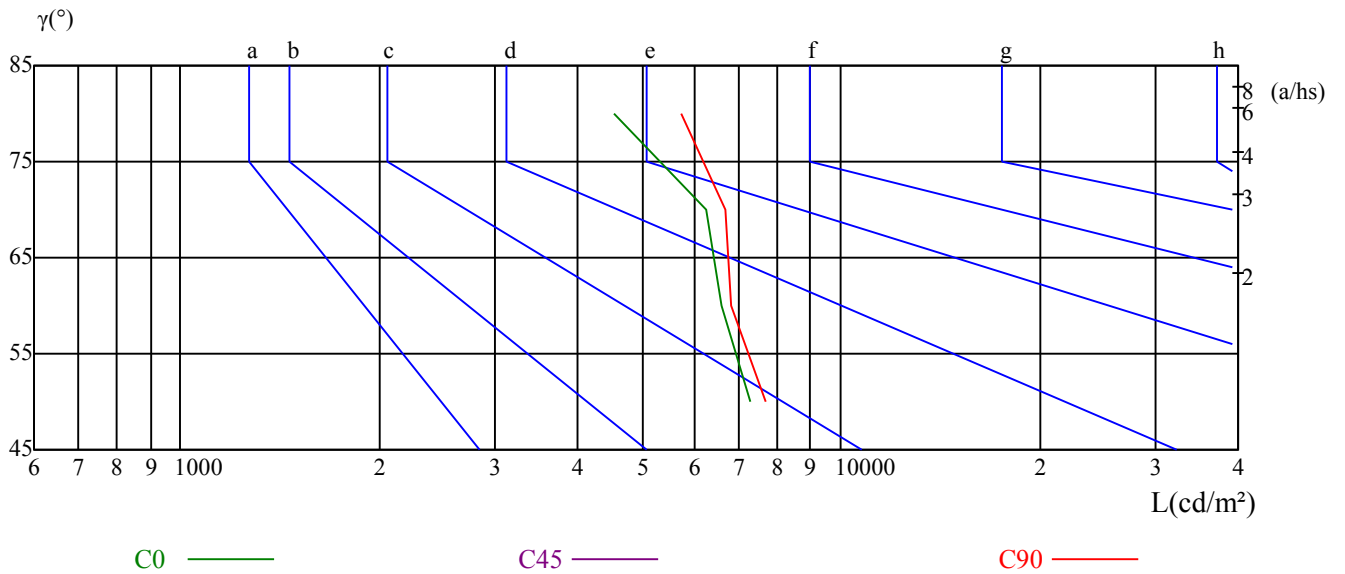
| γ | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 |
|----------|----|------|----|------|----|------|----|------|----|
| C0 | 0 | 7279 | 0 | 6591 | 0 | 6248 | 0 | 4549 | 0 |
| C45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| C90 | 0 | 7704 | 0 | 6842 | 0 | 6675 | 0 | 5732 | 0 |

| L横(65) | L纵(65) | L45(65) | L横(75) | L纵(75) | L45(75) | L横(85) | L纵(85) | L45(85) |
|--------|--------|---------|--------|--------|---------|--------|--------|---------|
| 350556 | 396527 | 0 | 353662 | 334571 | 0 | 224449 | 201469 | 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: GMS1800
环境温度(°C): 25.0

测试日期: 2021/2/24
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

| 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 | 10.03 | 11.12 | 10.39 | 11.43 | 11.75 | 10.13 | 11.22 | 10.49 | 11.53 | 11.85 |
| | 3H | 11.88 | 12.85 | 12.26 | 13.18 | 13.55 | 12.00 | 12.98 | 12.39 | 13.31 | 13.68 |
| | 4H | 12.55 | 13.45 | 12.96 | 13.81 | 14.19 | 12.70 | 13.60 | 13.10 | 13.95 | 14.34 |
| | 6H | 13.00 | 13.83 | 13.42 | 14.20 | 14.60 | 13.16 | 13.99 | 13.58 | 14.36 | 14.76 |
| | 8H | 13.11 | 13.89 | 13.54 | 14.28 | 14.69 | 13.27 | 14.05 | 13.70 | 14.44 | 14.85 |
| | 12H | 13.19 | 13.94 | 13.63 | 14.32 | 14.75 | 13.35 | 14.10 | 13.79 | 14.48 | 14.91 |
| 4H | 2H | 10.61 | 11.52 | 11.02 | 11.87 | 12.26 | 10.69 | 11.59 | 11.10 | 11.95 | 12.33 |
| | 3H | 12.68 | 13.42 | 13.09 | 13.83 | 14.23 | 12.78 | 13.52 | 13.19 | 13.93 | 14.33 |
| | 4H | 13.47 | 14.13 | 13.90 | 14.55 | 15.00 | 13.59 | 14.25 | 14.02 | 14.67 | 15.12 |
| | 6H | 13.93 | 14.50 | 14.40 | 14.95 | 15.42 | 14.06 | 14.63 | 14.53 | 15.08 | 15.55 |
| | 8H | 14.07 | 14.60 | 14.54 | 15.05 | 15.53 | 14.21 | 14.74 | 14.68 | 15.19 | 15.66 |
| | 12H | 14.16 | 14.62 | 14.65 | 15.11 | 15.58 | 14.30 | 14.76 | 14.79 | 15.24 | 15.72 |
| 8H | 4H | 13.73 | 14.26 | 14.20 | 14.71 | 15.18 | 13.83 | 14.37 | 14.31 | 14.81 | 15.29 |
| | 6H | 14.32 | 14.75 | 14.83 | 15.25 | 15.73 | 14.44 | 14.87 | 14.95 | 15.37 | 15.85 |
| | 8H | 14.52 | 14.90 | 15.05 | 15.42 | 15.92 | 14.65 | 15.02 | 15.18 | 15.54 | 16.04 |
| | 12H | 15.11 | 15.44 | 15.63 | 15.94 | 16.51 | 15.24 | 15.56 | 15.76 | 16.06 | 16.64 |
| 12H | 4H | 13.73 | 14.19 | 14.22 | 14.68 | 15.15 | 13.83 | 14.29 | 14.32 | 14.78 | 15.26 |
| | 6H | 14.73 | 14.73 | 14.89 | 15.20 | 15.75 | 14.84 | 14.85 | 15.00 | 15.32 | 15.87 |
| | 8H | 14.60 | 14.92 | 15.12 | 15.42 | 16.00 | 14.72 | 15.04 | 15.24 | 15.54 | 16.12 |
| 对应照射距离，改变观察者位置S | | | | | | | | | | | |
| S = 1.0H | 0.3/-0.6 | | | | | 0.3/-0.5 | | | | | |
| S = 1.5H | 0.8/-0.7 | | | | | 0.9/-0.8 | | | | | |
| S = 2.0H | 1.5/-0.8 | | | | | 1.4/-0.8 | | | | | |
| 标准表格 | BK3 | | | | | BK3 | | | | | |
| 更正系数 | 0.7 | | | | | 0.3 | | | | | |

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 | 16667.41 | 16084.20 | 14795.01 | 12899.59 | 10405.62 | 7965.36 | 5732.30 | 4128.48 | 3044.95 |
| 30.0 | 16598.34 | 16160.94 | 15048.24 | 13252.58 | 10850.70 | 8441.14 | 6215.75 | 4466.13 | 3319.67 |
| 60.0 | 16575.32 | 16276.04 | 15259.27 | 13746.01 | 11452.32 | 9032.78 | 6678.47 | 4800.70 | 3509.21 |
| 90.0 | 16552.30 | 16552.30 | 15953.75 | 14741.29 | 12746.12 | 10267.49 | 7804.21 | 5747.65 | 4136.16 |
| 120.0 | 16613.69 | 16667.41 | 16130.24 | 14879.42 | 12987.07 | 10497.70 | 7930.06 | 5827.45 | 4195.24 |
| 150.0 | 16606.02 | 16744.14 | 16299.07 | 15247.76 | 13360.02 | 10927.43 | 8502.53 | 6192.72 | 4435.43 |
| 180.0 | 16667.41 | 16675.08 | 16076.53 | 14804.99 | 12713.12 | 10285.91 | 7731.31 | 5569.62 | 4017.21 |
| 210.0 | 16598.34 | 16490.91 | 15554.71 | 14279.33 | 12120.70 | 9545.39 | 7204.89 | 5252.69 | 3802.35 |
| 240.0 | 16575.32 | 16299.07 | 15431.93 | 13743.70 | 11556.68 | 9008.99 | 6607.11 | 4857.49 | 3928.97 |
| 270.0 | 16552.30 | 16007.46 | 14705.23 | 12769.90 | 10324.28 | 7787.33 | 5625.63 | 4137.69 | 3036.51 |
| 300.0 | 16613.69 | 15999.79 | 14656.88 | 12669.38 | 10114.02 | 7589.35 | 5425.35 | 3982.68 | 2961.30 |
| 330.0 | 16606.02 | 15616.10 | 14448.92 | 12266.51 | 9882.27 | 7362.21 | 5350.91 | 3803.88 | 2845.43 |
| 360.0 | 16667.41 | 16084.20 | 14795.01 | 12899.59 | 10405.62 | 7965.36 | 5732.30 | 4128.48 | 3044.95 |
| C/γ(°) | 18.0 | 20.0 | 22.0 | 24.0 | 26.0 | 28.0 | 30.0 | 32.0 | 34.0 |
| 0.0 | 2338.96 | 1827.89 | 1450.34 | 1172.55 | 960.75 | 802.68 | 659.18 | 563.25 | 481.91 |
| 30.0 | 2519.30 | 1975.99 | 1540.12 | 1248.52 | 1015.24 | 836.44 | 702.15 | 590.88 | 507.24 |
| 60.0 | 2640.54 | 2068.08 | 1530.30 | 1323.88 | 1072.33 | 882.64 | 738.68 | 618.27 | 525.88 |
| 90.0 | 3047.25 | 2337.43 | 1811.77 | 1454.18 | 1153.37 | 951.55 | 787.33 | 656.87 | 558.65 |
| 120.0 | 3084.08 | 2341.26 | 1850.91 | 1473.29 | 1193.96 | 976.03 | 805.98 | 671.61 | 571.77 |
| 150.0 | 3233.72 | 2464.04 | 1904.63 | 1522.47 | 1217.06 | 990.68 | 825.70 | 687.57 | 578.60 |
| 180.0 | 2982.02 | 2341.26 | 1920.74 | 1443.13 | 1159.20 | 958.30 | 784.34 | 660.02 | 557.88 |
| 210.0 | 2869.99 | 2215.41 | 1756.52 | 1399.62 | 1136.10 | 929.75 | 774.82 | 649.66 | 549.21 |
| 240.0 | 2668.17 | 2073.45 | 1656.00 | 1316.82 | 1072.02 | 890.92 | 735.15 | 617.74 | 530.26 |
| 270.0 | 2305.20 | 1826.35 | 1451.49 | 1175.62 | 964.75 | 794.77 | 661.71 | 564.87 | 482.07 |
| 300.0 | 2251.48 | 1785.68 | 1418.11 | 1147.99 | 940.04 | 778.12 | 646.13 | 552.51 | 473.47 |
| 330.0 | 2164.77 | 1698.97 | 1370.30 | 1102.80 | 915.17 | 756.17 | 631.17 | 537.09 | 464.65 |
| 360.0 | 2338.96 | 1827.89 | 1450.34 | 1172.55 | 960.75 | 802.68 | 659.18 | 563.25 | 481.91 |
| C/γ(°) | 36.0 | 38.0 | 40.0 | 42.0 | 44.0 | 46.0 | 48.0 | 50.0 | 52.0 |
| 0.0 | 419.75 | 377.63 | 330.13 | 292.29 | 265.59 | 242.26 | 222.00 | 206.35 | 191.84 |
| 30.0 | 438.17 | 388.29 | 339.33 | 303.88 | 273.11 | 248.02 | 228.45 | 210.95 | 196.52 |
| 60.0 | 452.91 | 396.81 | 348.93 | 311.78 | 277.64 | 252.77 | 231.06 | 212.79 | 197.75 |
| 90.0 | 477.31 | 413.62 | 365.58 | 322.99 | 288.15 | 260.75 | 237.20 | 218.40 | 201.36 |
| 120.0 | 489.20 | 423.51 | 372.87 | 329.59 | 295.59 | 264.74 | 242.34 | 222.69 | 205.66 |
| 150.0 | 494.19 | 431.27 | 389.83 | 334.27 | 299.35 | 269.12 | 245.87 | 224.46 | 208.04 |
| 180.0 | 482.30 | 418.07 | 366.88 | 326.98 | 291.99 | 263.36 | 240.27 | 221.77 | 205.12 |
| 210.0 | 475.47 | 414.31 | 362.89 | 323.22 | 289.76 | 261.45 | 239.73 | 221.00 | 204.51 |
| 240.0 | 453.52 | 395.97 | 349.69 | 310.94 | 279.02 | 252.77 | 231.36 | 213.48 | 198.29 |
| 270.0 | 417.15 | 368.11 | 324.22 | 288.61 | 260.52 | 237.89 | 217.93 | 202.20 | 187.24 |
| 300.0 | 409.78 | 364.04 | 322.76 | 287.61 | 260.22 | 238.81 | 219.24 | 204.20 | 190.08 |
| 330.0 | 404.02 | 356.14 | 317.16 | 283.62 | 257.22 | 234.51 | 216.78 | 200.98 | 187.24 |
| 360.0 | 419.75 | 377.63 | 330.13 | 292.29 | 265.59 | 242.26 | 222.00 | 206.35 | 191.84 |
| C/γ(°) | 54.0 | 56.0 | 58.0 | 60.0 | 62.0 | 64.0 | 66.0 | 68.0 | 70.0 |
| 0.0 | 178.95 | 166.67 | 156.08 | 145.34 | 135.98 | 126.08 | 115.57 | 105.59 | 94.23 |
| 30.0 | 182.33 | 170.66 | 159.08 | 148.87 | 138.20 | 127.77 | 117.95 | 107.74 | 96.69 |
| 60.0 | 183.86 | 171.82 | 160.07 | 149.18 | 138.59 | 128.84 | 118.64 | 108.97 | 98.15 |
| 90.0 | 186.47 | 174.04 | 161.46 | 150.87 | 140.35 | 130.61 | 120.86 | 111.35 | 100.68 |
| 120.0 | 191.77 | 178.72 | 167.21 | 155.55 | 145.34 | 134.90 | 125.16 | 114.95 | 104.36 |
| 150.0 | 193.07 | 180.26 | 167.98 | 156.70 | 146.57 | 135.98 | 125.62 | 115.26 | 105.28 |
| 180.0 | 190.54 | 178.03 | 166.06 | 155.16 | 144.65 | 134.98 | 125.01 | 115.18 | 104.29 |
| 210.0 | 190.85 | 178.34 | 166.21 | 154.93 | 144.88 | 133.98 | 124.01 | 113.80 | 102.75 |
| 240.0 | 183.71 | 171.36 | 159.77 | 148.56 | 138.90 | 128.54 | 118.56 | 108.43 | 97.69 |
| 270.0 | 174.04 | 162.99 | 151.86 | 141.43 | 131.45 | 121.94 | 111.81 | 101.75 | 91.09 |
| 300.0 | 177.03 | 165.52 | 154.55 | 144.27 | 134.06 | 124.39 | 113.73 | 103.67 | 92.39 |
| 330.0 | 174.65 | 163.14 | 152.09 | 142.27 | 132.07 | 121.55 | 111.96 | 101.60 | 90.86 |
| 360.0 | 178.95 | 166.67 | 156.08 | 145.34 | 135.98 | 126.08 | 115.57 | 105.59 | 94.23 |

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环境温度(°C): 25.0

测试日期: 2021/2/24
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

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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 | 81.80 | 70.21 | 58.47 | 46.50 | 34.84 | 22.41 | 10.74 | 1.53 | 0.69 |
| 30.0 | 84.80 | 72.98 | 60.93 | 49.34 | 37.83 | 25.17 | 13.35 | 2.84 | 0.84 |
| 60.0 | 86.64 | 74.74 | 62.46 | 51.49 | 39.75 | 27.63 | 15.96 | 5.37 | 0.92 |
| 90.0 | 90.17 | 78.27 | 66.22 | 55.10 | 43.89 | 32.31 | 20.57 | 9.82 | 0.92 |
| 120.0 | 93.85 | 81.57 | 69.22 | 56.94 | 46.35 | 33.84 | 22.41 | 10.74 | 1.53 |
| 150.0 | 94.31 | 82.19 | 70.52 | 58.55 | 47.73 | 34.99 | 23.48 | 12.28 | 2.07 |
| 180.0 | 92.78 | 80.57 | 68.99 | 56.71 | 44.74 | 32.54 | 20.72 | 9.29 | 1.00 |
| 210.0 | 91.70 | 78.89 | 66.92 | 54.94 | 44.05 | 30.62 | 18.57 | 7.37 | 1.00 |
| 240.0 | 85.72 | 74.28 | 62.08 | 50.57 | 39.67 | 26.78 | 14.96 | 4.60 | 0.84 |
| 270.0 | 79.19 | 67.30 | 55.48 | 44.74 | 32.92 | 21.72 | 10.21 | 1.76 | 0.61 |
| 300.0 | 80.42 | 68.37 | 56.25 | 45.43 | 33.30 | 21.56 | 9.59 | 1.07 | 0.54 |
| 330.0 | 78.58 | 66.45 | 54.33 | 43.13 | 31.46 | 20.11 | 8.75 | 1.00 | 0.46 |
| 360.0 | 81.80 | 70.21 | 58.47 | 46.50 | 34.84 | 22.41 | 10.74 | 1.53 | 0.69 |

| C/γ(°) | 90.0 |
|--------|------|
| 0.0 | 0.31 |
| 30.0 | 0.23 |
| 60.0 | 0.31 |
| 90.0 | 0.61 |
| 120.0 | 0.61 |
| 150.0 | 0.69 |
| 180.0 | 0.61 |
| 210.0 | 0.46 |
| 240.0 | 0.23 |
| 270.0 | 0.31 |
| 300.0 | 0.23 |
| 330.0 | 0.23 |
| 360.0 | 0.31 |