

浙大三色

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ROLED

灯具名称: 地埋灯

灯具描述: G3053A-27-UN(20-OL-27WN-AA, P1)

报告编号:

电压(V): 201.7000

测试编号: 20210310002

电流(A): 0.1670

光源规格型号: OL

功率(W): 29.9000

每个光源光通量(lm)

功率因数: 0.8850

光源数量: 27

镇流器型号:

发光面长度(mm): 920

发光面宽度(mm): 40

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 2608.24

灯具效能(lm/w): 87.23

中心光强(cd): 11600.420

最大光强(cd): 11874.380

最大光强角度: C=150.0 γ =2.0

半峰边角(50%Imax): [C0/180]Total=21.4

[C90/270]Total=21.3

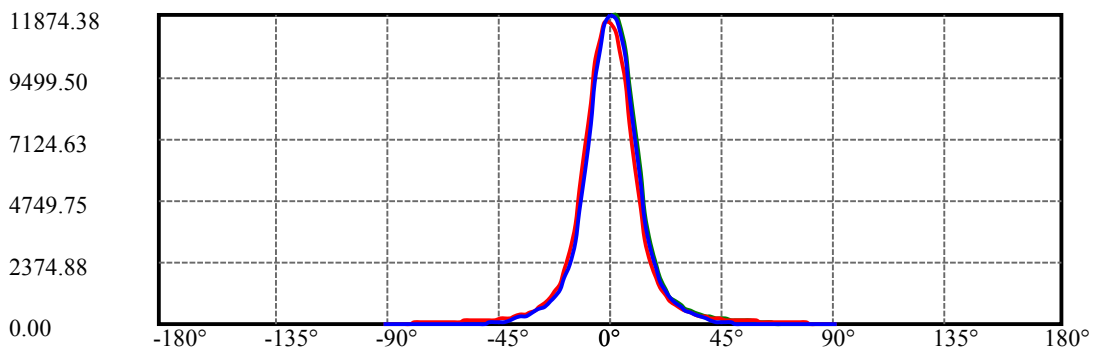
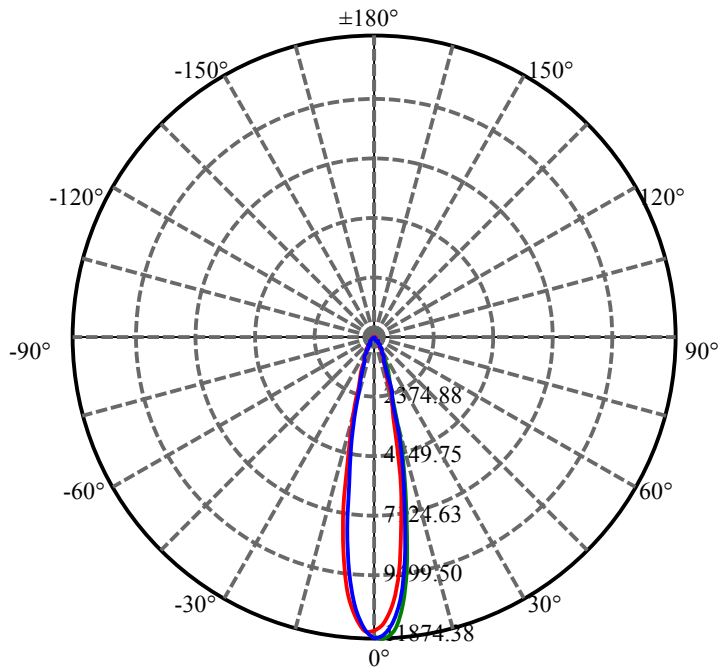
光束扩散角(10%Imax): [C0/180]Total=44.3

[C90/270]Total=43.9

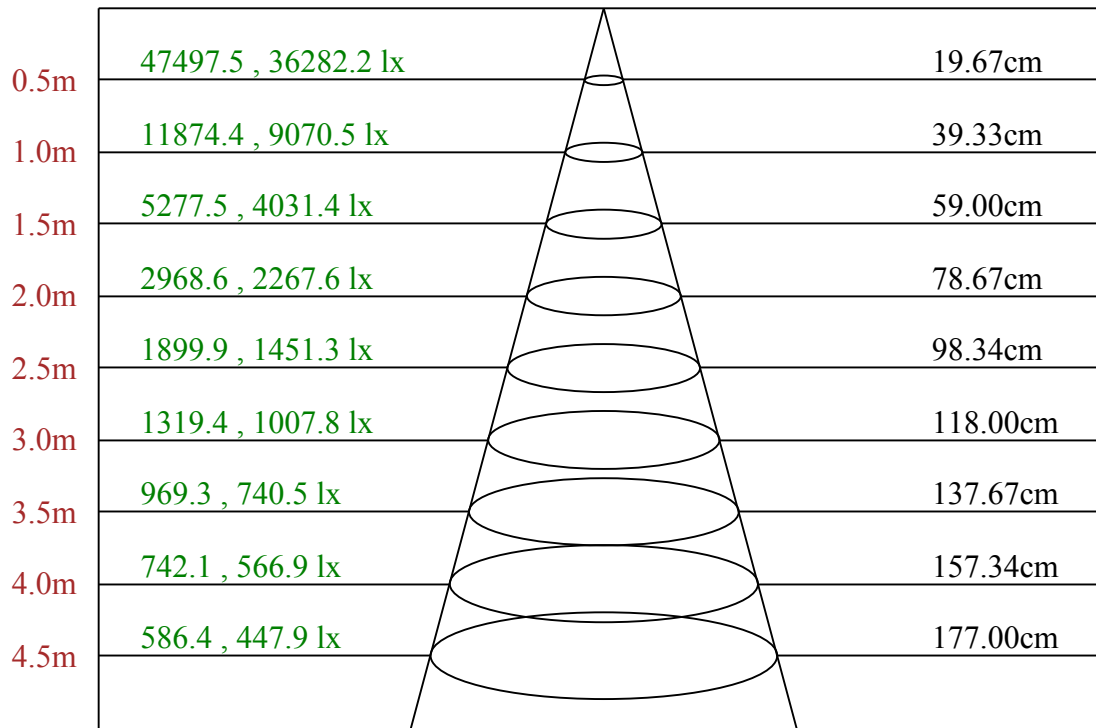
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/3/10
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

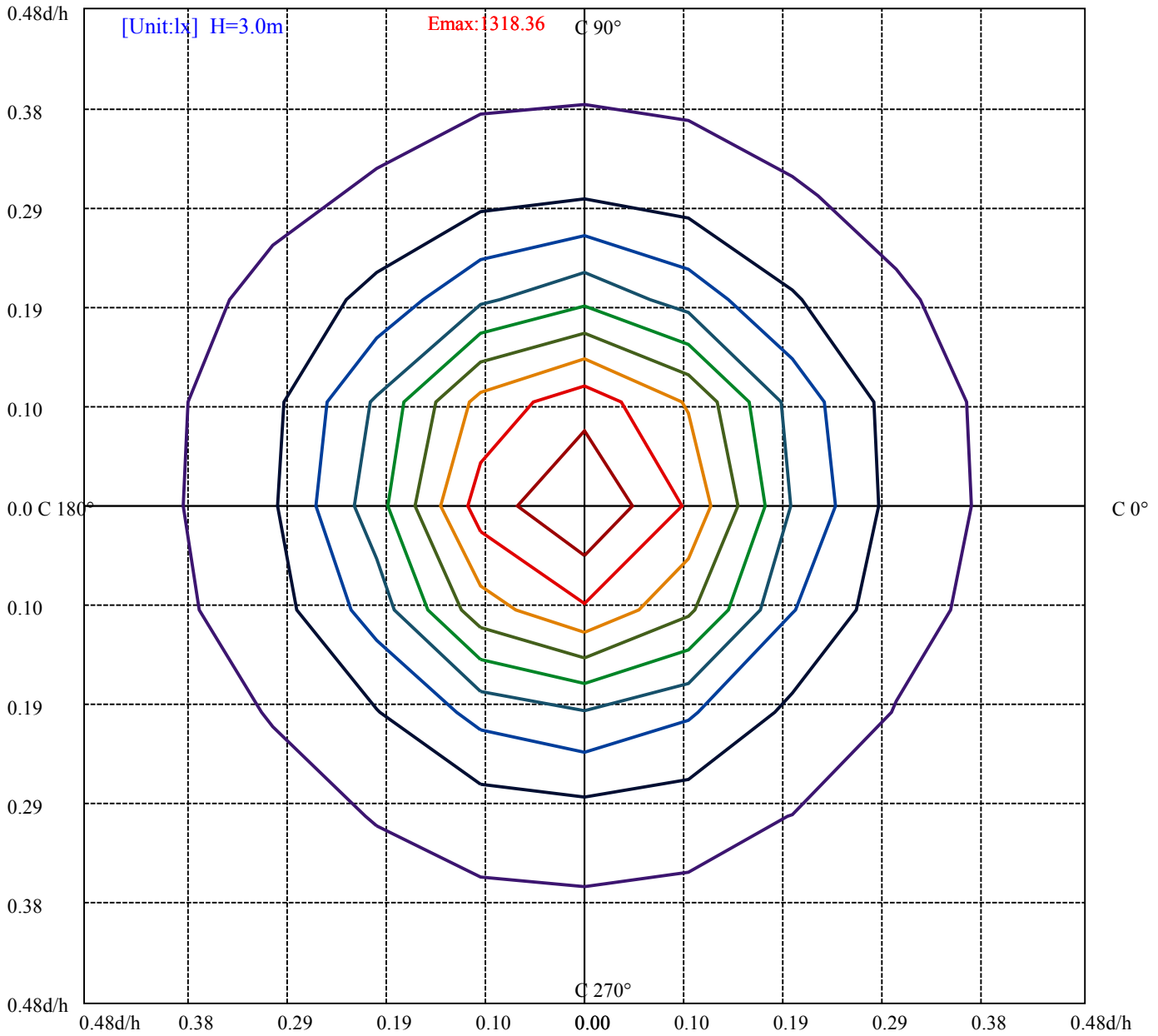


C150(Max): —
C0/C180: —
C90/C270: —



Max , Ave C150面光束角22.25

ROLED 地埋灯
平面等照度曲线



- (10%Emax) 131.8356
- (20%Emax) 263.67
- (30%Emax) 395.5056
- (40%Emax) 527.34
- (50%Emax) 659.1755
- (60%Emax) 791.01
- (70%Emax) 922.8456
- (80%Emax) 1054.68
- (90%Emax) 1186.511

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ROLED 地埋灯

灯具的亮度限制曲线(灯具无发光侧边)

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亮度值表

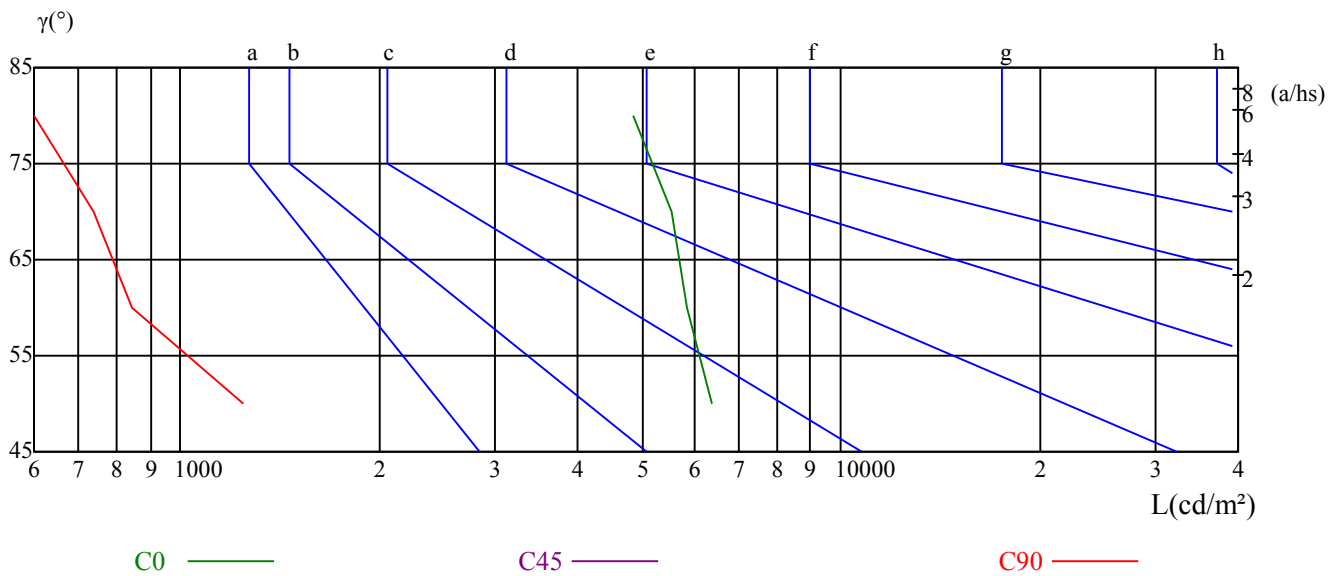
| γ | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 |
|----------|----|------|----|------|----|------|----|------|----|
| C0 | 0 | 6394 | 0 | 5855 | 0 | 5536 | 0 | 4863 | 0 |
| C45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| C90 | 0 | 1242 | 0 | 847 | 0 | 738 | 0 | 120 | 0 |

| L横(65) | L纵(65) | L45(65) | L横(75) | L纵(75) | L45(75) | L横(85) | L纵(85) | L45(85) |
|--------|--------|---------|--------|--------|---------|--------|--------|---------|
| 54522 | 26316 | 0 | 51318 | 32151 | 0 | 68858 | 71610 | 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: 2021/3/10
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

ROLED 地埋灯

光强数据表(cd)

| C/γ(°) | 0.0 | 2.0 | 4.0 | 6.0 | 8.0 | 10.0 | 12.0 | 14.0 | 16.0 |
|--------|----------|----------|----------|----------|---------|---------|---------|---------|---------|
| 0.0 | 11600.42 | 11247.43 | 10450.13 | 9298.29 | 7738.99 | 5987.07 | 4436.20 | 3260.58 | 2367.35 |
| 30.0 | 11865.17 | 11653.37 | 11012.61 | 10006.58 | 8557.78 | 6835.79 | 5145.26 | 3807.72 | 2741.83 |
| 60.0 | 11865.17 | 11648.00 | 10985.75 | 9865.39 | 8392.02 | 6576.41 | 4888.19 | 3583.65 | 2592.20 |
| 90.0 | 11849.82 | 11754.67 | 11249.73 | 10229.12 | 8854.75 | 7108.20 | 5371.63 | 3976.54 | 2863.85 |
| 120.0 | 11859.80 | 11808.38 | 11301.91 | 10275.93 | 8839.40 | 7029.16 | 5301.80 | 3924.36 | 2839.29 |
| 150.0 | 11810.68 | 11874.38 | 11526.75 | 10573.67 | 9256.09 | 7516.45 | 5815.94 | 4252.03 | 3077.95 |
| 180.0 | 11600.42 | 11543.64 | 11018.75 | 10059.53 | 8496.39 | 6841.92 | 5170.58 | 3833.04 | 2770.23 |
| 210.0 | 11865.17 | 11648.00 | 10901.34 | 9731.86 | 8002.96 | 6345.43 | 4750.06 | 3491.56 | 2529.27 |
| 240.0 | 11865.17 | 11663.35 | 10925.13 | 9759.49 | 8117.30 | 6265.63 | 4632.65 | 3400.24 | 2457.14 |
| 270.0 | 11849.82 | 11502.20 | 10636.60 | 9298.29 | 7666.85 | 5877.33 | 4386.32 | 3137.03 | 2283.71 |
| 300.0 | 11859.80 | 11506.04 | 10653.48 | 9337.43 | 7722.10 | 5879.63 | 4365.60 | 3096.36 | 2293.69 |
| 330.0 | 11810.68 | 11357.93 | 10434.01 | 9091.87 | 7488.06 | 5732.30 | 4212.13 | 3013.49 | 2239.97 |
| 360.0 | 11600.42 | 11247.43 | 10450.13 | 9298.29 | 7738.99 | 5987.07 | 4436.20 | 3260.58 | 2367.35 |
| C/γ(°) | 18.0 | 20.0 | 22.0 | 24.0 | 26.0 | 28.0 | 30.0 | 32.0 | 34.0 |
| 0.0 | 1789.52 | 1402.76 | 1100.42 | 885.55 | 721.33 | 596.25 | 498.03 | 422.82 | 360.90 |
| 30.0 | 2046.59 | 1558.54 | 1216.29 | 964.59 | 779.65 | 646.13 | 534.86 | 451.22 | 388.29 |
| 60.0 | 1944.53 | 1508.81 | 1196.26 | 956.92 | 781.04 | 640.15 | 530.03 | 441.47 | 374.56 |
| 90.0 | 2108.75 | 1609.19 | 1270.77 | 1007.56 | 819.56 | 669.15 | 547.91 | 454.29 | 388.29 |
| 120.0 | 2121.79 | 1519.10 | 1297.25 | 1030.59 | 842.66 | 688.80 | 569.32 | 472.70 | 396.04 |
| 150.0 | 2305.96 | 1747.32 | 1330.63 | 1049.77 | 870.20 | 709.06 | 573.23 | 483.45 | 414.38 |
| 180.0 | 2048.13 | 1530.22 | 1247.14 | 1000.50 | 808.81 | 660.25 | 541.84 | 457.66 | 386.99 |
| 210.0 | 1884.68 | 1462.23 | 1143.70 | 923.00 | 744.97 | 611.37 | 508.46 | 431.34 | 367.11 |
| 240.0 | 1849.38 | 1444.97 | 1128.04 | 911.64 | 733.61 | 605.46 | 503.40 | 422.06 | 359.52 |
| 270.0 | 1746.55 | 1355.42 | 1067.04 | 855.78 | 697.77 | 573.61 | 480.38 | 396.43 | 330.36 |
| 300.0 | 1745.01 | 1375.14 | 1079.70 | 875.58 | 715.19 | 584.74 | 487.28 | 408.24 | 347.70 |
| 330.0 | 1612.26 | 1329.94 | 1049.69 | 844.65 | 697.24 | 574.76 | 480.22 | 403.18 | 346.24 |
| 360.0 | 1789.52 | 1402.76 | 1100.42 | 885.55 | 721.33 | 596.25 | 498.03 | 422.82 | 360.90 |
| C/γ(°) | 36.0 | 38.0 | 40.0 | 42.0 | 44.0 | 46.0 | 48.0 | 50.0 | 52.0 |
| 0.0 | 312.71 | 273.11 | 240.88 | 215.48 | 194.07 | 177.95 | 163.60 | 151.25 | 140.51 |
| 30.0 | 328.51 | 288.61 | 253.31 | 224.23 | 200.13 | 180.41 | 163.30 | 149.87 | 136.36 |
| 60.0 | 316.01 | 267.05 | 222.77 | 174.12 | 125.85 | 91.24 | 69.45 | 52.26 | 37.60 |
| 90.0 | 304.34 | 226.91 | 153.86 | 105.44 | 79.12 | 59.32 | 42.36 | 29.39 | 19.95 |
| 120.0 | 333.42 | 281.17 | 236.97 | 186.40 | 134.67 | 96.77 | 73.05 | 55.40 | 40.44 |
| 150.0 | 351.30 | 299.74 | 267.43 | 237.43 | 208.50 | 185.09 | 169.51 | 156.01 | 139.74 |
| 180.0 | 334.58 | 292.83 | 257.76 | 226.45 | 201.13 | 183.63 | 168.67 | 155.85 | 143.19 |
| 210.0 | 317.39 | 276.49 | 243.41 | 216.63 | 193.46 | 176.96 | 161.30 | 146.88 | 134.14 |
| 240.0 | 306.49 | 262.98 | 222.46 | 181.10 | 136.67 | 100.99 | 75.89 | 57.78 | 42.74 |
| 270.0 | 271.88 | 208.04 | 143.96 | 102.29 | 76.43 | 57.25 | 40.90 | 28.16 | 19.72 |
| 300.0 | 296.59 | 254.92 | 214.56 | 172.97 | 128.84 | 95.85 | 71.90 | 54.41 | 39.83 |
| 330.0 | 300.12 | 264.67 | 233.67 | 208.57 | 187.32 | 170.43 | 155.62 | 142.12 | 131.22 |
| 360.0 | 312.71 | 273.11 | 240.88 | 215.48 | 194.07 | 177.95 | 163.60 | 151.25 | 140.51 |
| C/γ(°) | 54.0 | 56.0 | 58.0 | 60.0 | 62.0 | 64.0 | 66.0 | 68.0 | 70.0 |
| 0.0 | 130.91 | 122.32 | 115.18 | 107.74 | 99.91 | 91.93 | 84.49 | 76.97 | 69.68 |
| 30.0 | 123.70 | 110.58 | 95.38 | 77.04 | 56.56 | 39.37 | 25.94 | 14.73 | 10.21 |
| 60.0 | 25.86 | 16.58 | 14.58 | 14.27 | 14.12 | 13.58 | 12.97 | 11.97 | 10.21 |
| 90.0 | 16.11 | 16.04 | 15.88 | 15.58 | 15.12 | 14.43 | 13.20 | 11.36 | 9.29 |
| 120.0 | 28.55 | 17.96 | 14.50 | 14.27 | 13.97 | 13.51 | 13.05 | 12.12 | 10.59 |
| 150.0 | 127.54 | 116.33 | 101.29 | 84.03 | 67.45 | 46.58 | 31.77 | 18.80 | 10.90 |
| 180.0 | 131.91 | 123.39 | 117.02 | 108.35 | 101.06 | 93.77 | 85.64 | 78.73 | 71.52 |
| 210.0 | 122.32 | 111.19 | 96.15 | 80.57 | 59.63 | 40.98 | 27.24 | 15.35 | 10.82 |
| 240.0 | 29.93 | 18.95 | 15.96 | 15.81 | 15.50 | 14.96 | 14.27 | 12.89 | 10.90 |
| 270.0 | 17.80 | 17.57 | 17.57 | 17.11 | 16.58 | 15.27 | 13.43 | 10.97 | 8.82 |
| 300.0 | 27.17 | 17.65 | 15.88 | 15.65 | 15.35 | 14.73 | 13.97 | 12.43 | 10.44 |
| 330.0 | 119.71 | 106.90 | 91.78 | 74.51 | 51.95 | 35.53 | 22.64 | 12.35 | 10.44 |
| 360.0 | 130.91 | 122.32 | 115.18 | 107.74 | 99.91 | 91.93 | 84.49 | 76.97 | 69.68 |

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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 | 62.62 | 54.71 | 47.50 | 39.29 | 31.08 | 23.40 | 15.19 | 6.98 | 0.38 |
| 30.0 | 9.52 | 8.90 | 8.21 | 6.98 | 4.91 | 2.84 | 1.15 | 0.46 | 0.23 |
| 60.0 | 8.29 | 6.14 | 4.22 | 2.23 | 1.07 | 0.61 | 0.54 | 0.31 | 0.31 |
| 90.0 | 7.29 | 5.37 | 3.45 | 1.76 | 0.77 | 0.61 | 0.54 | 0.38 | 0.23 |
| 120.0 | 8.67 | 6.68 | 4.76 | 2.76 | 1.38 | 0.61 | 0.54 | 0.31 | 0.31 |
| 150.0 | 9.52 | 8.98 | 8.36 | 7.52 | 5.68 | 3.68 | 1.76 | 0.69 | 0.46 |
| 180.0 | 64.38 | 56.71 | 49.34 | 41.36 | 33.69 | 25.78 | 17.50 | 11.05 | 3.15 |
| 210.0 | 10.28 | 9.59 | 8.67 | 7.14 | 4.68 | 2.84 | 1.00 | 0.54 | 0.23 |
| 240.0 | 8.59 | 6.45 | 4.37 | 2.38 | 1.00 | 0.54 | 0.46 | 0.38 | 0.23 |
| 270.0 | 6.60 | 4.45 | 2.30 | 1.15 | 0.77 | 0.61 | 0.38 | 0.31 | 0.23 |
| 300.0 | 8.06 | 5.91 | 3.84 | 1.92 | 0.69 | 0.61 | 0.54 | 0.46 | 0.23 |
| 330.0 | 9.98 | 9.06 | 7.90 | 5.99 | 3.84 | 1.76 | 0.61 | 0.38 | 0.31 |
| 360.0 | 62.62 | 54.71 | 47.50 | 39.29 | 31.08 | 23.40 | 15.19 | 6.98 | 0.38 |
| C/γ(°) | 90.0 | | | | | | | | |
| 0.0 | 0.15 | | | | | | | | |
| 30.0 | 0.08 | | | | | | | | |
| 60.0 | 0.00 | | | | | | | | |
| 90.0 | 0.15 | | | | | | | | |
| 120.0 | 0.08 | | | | | | | | |
| 150.0 | 0.31 | | | | | | | | |
| 180.0 | 0.31 | | | | | | | | |
| 210.0 | 0.08 | | | | | | | | |
| 240.0 | 0.00 | | | | | | | | |
| 270.0 | 0.00 | | | | | | | | |
| 300.0 | 0.08 | | | | | | | | |
| 330.0 | 0.08 | | | | | | | | |
| 360.0 | 0.15 | | | | | | | | |