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ROLED

灯具名称: 投光灯
灯具描述: F2224A-18-36DC-RC-Y(20-XL-18RGBWN-C,CT)
报告编号: ROLED20170922011 电压(V): 36.2000
测试编号: 电流(A): 1.9310
光源规格型号: XL 功率(W): 69.9000
每个光源光通量(lm) 功率因数: 0.0000
光源数量: 18 镇流器型号:
发光面长度(mm): 270 发光面宽度(mm): 160
测试模式: C 发光面高度(mm): 0

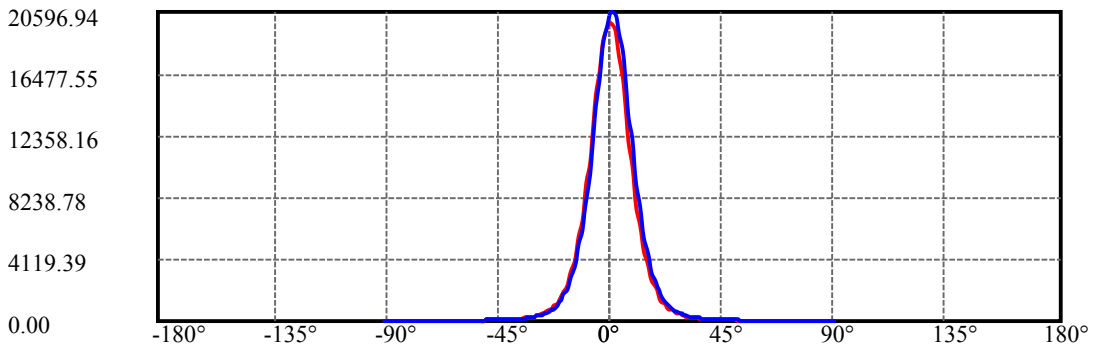
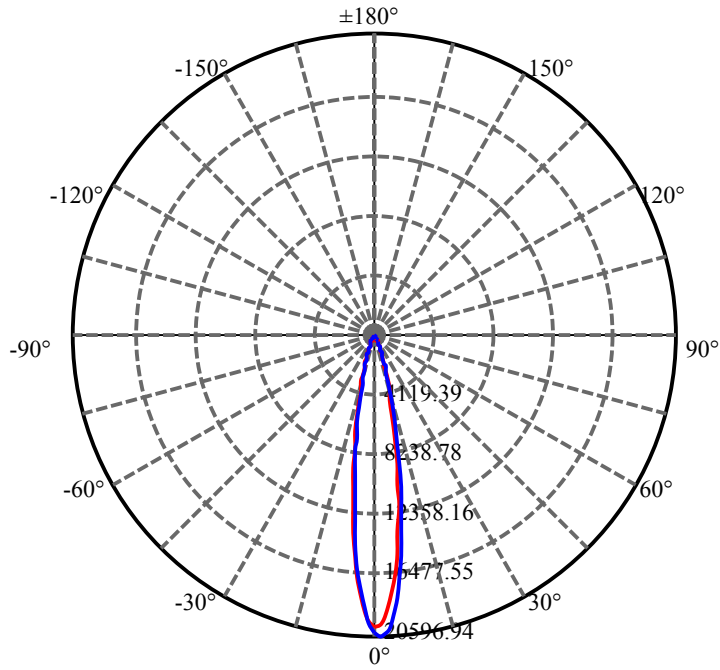
光度结果

灯具光通量(lm): 2972.14
灯具效能(lm/w): 42.52
中心光强(cd): 19885.020
最大光强(cd): 20596.940
最大光强角度: C=90.0 γ =1.0
半峰边角(50%Imax): [V]Left=7.8 Right=10.3
 [H]Left=8.3 Right=9.2
光束扩散角(10%Imax): [V]Left=17.2 Right=20.1
 [H]Left=17.9 Right=18.7
有效光通量(lm): 2238.03

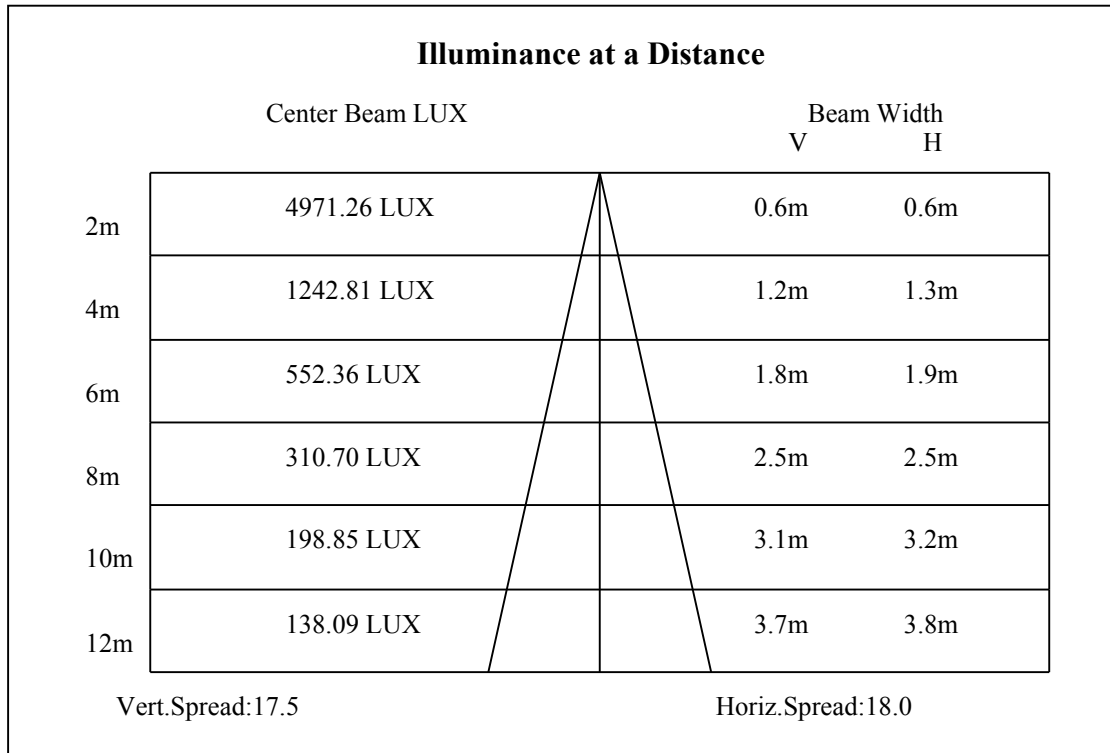
测试设备: GMS-1800
环境温度(°C): 25.0

测试日期: 2017/9/22
环境湿度(%): 60.0%

测试人员: 2464
测试距离(m): 6.36



H=0 ———
V=0 ———



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光强数据表(cd)

| C/γ(°) | 0.0 | 1.0 | 2.0 | 3.0 | 4.0 | 5.0 | 6.0 | 7.0 | 8.0 |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 0.0 | 19885.02 | 19872.89 | 19456.26 | 18703.89 | 17640.07 | 16293.10 | 14998.71 | 13445.45 | 11839.60 |
| 30.0 | 20309.74 | 20131.77 | 19565.47 | 18687.71 | 17636.03 | 16107.03 | 14780.28 | 13198.70 | 11609.04 |
| 60.0 | 20402.78 | 20423.00 | 20095.36 | 19407.72 | 18283.22 | 17102.09 | 15654.00 | 14125.00 | 12498.93 |
| 90.0 | 20313.79 | 20596.94 | 20507.95 | 20046.82 | 19209.52 | 18044.57 | 16697.59 | 15160.51 | 13518.26 |
| 120.0 | 20378.51 | 20499.86 | 20216.71 | 19545.25 | 18667.49 | 17377.15 | 15916.92 | 14351.52 | 12676.90 |
| 150.0 | 20107.50 | 20164.13 | 19804.13 | 19080.08 | 18137.60 | 16685.46 | 15382.98 | 13785.22 | 12151.06 |
| 180.0 | 19885.02 | 19525.02 | 18857.60 | 17850.41 | 16612.65 | 15128.15 | 13595.11 | 12058.03 | 10496.67 |
| 210.0 | 20309.74 | 20111.54 | 19605.92 | 18610.86 | 17575.35 | 16187.93 | 14667.03 | 13117.80 | 11544.32 |
| 240.0 | 20402.78 | 20006.37 | 19237.83 | 18307.49 | 16883.66 | 15524.56 | 13987.47 | 12405.89 | 10820.27 |
| 270.0 | 20313.79 | 19658.51 | 18647.27 | 17506.59 | 16070.63 | 14319.16 | 12854.88 | 11273.30 | 9732.17 |
| 300.0 | 20378.51 | 19848.62 | 19039.63 | 17745.24 | 16479.17 | 14889.50 | 13275.56 | 11665.66 | 10071.95 |
| 330.0 | 20107.50 | 19735.36 | 18934.46 | 17822.09 | 16495.35 | 14958.26 | 13352.41 | 11758.70 | 10330.83 |
| 360.0 | 19885.02 | 19872.89 | 19456.26 | 18703.89 | 17640.07 | 16293.10 | 14998.71 | 13445.45 | 11839.60 |
| C/γ(°) | 9.0 | 10.0 | 11.0 | 12.0 | 13.0 | 14.0 | 15.0 | 16.0 | 17.0 |
| 0.0 | 10318.69 | 8894.87 | 7551.94 | 6395.08 | 5476.88 | 4570.81 | 3826.53 | 3195.52 | 2653.49 |
| 30.0 | 10124.54 | 8712.84 | 7523.63 | 6289.91 | 5387.89 | 4510.13 | 3794.17 | 3175.29 | 2649.45 |
| 60.0 | 11103.42 | 9639.14 | 7968.57 | 6981.60 | 5927.48 | 4968.83 | 4160.24 | 3564.01 | 2965.36 |
| 90.0 | 12098.48 | 10516.90 | 9020.26 | 7713.74 | 6524.52 | 5468.79 | 4595.08 | 3907.43 | 3244.06 |
| 120.0 | 11075.10 | 9582.51 | 8004.17 | 6994.14 | 5905.64 | 4926.36 | 4110.89 | 3446.71 | 2864.24 |
| 150.0 | 10605.89 | 9125.43 | 7875.54 | 6569.02 | 5614.41 | 4692.15 | 3939.79 | 3292.60 | 2742.48 |
| 180.0 | 9198.24 | 7862.59 | 6643.04 | 5603.08 | 4730.58 | 4013.41 | 3297.45 | 2821.36 | 2348.91 |
| 210.0 | 10177.12 | 8068.89 | 7459.31 | 6319.85 | 5438.85 | 4495.97 | 3767.07 | 3221.81 | 2696.37 |
| 240.0 | 9372.17 | 8166.77 | 6929.02 | 5764.07 | 4942.94 | 4133.95 | 3462.49 | 2900.24 | 2463.38 |
| 270.0 | 8027.63 | 7172.93 | 6032.65 | 5054.18 | 4230.62 | 3521.95 | 2927.34 | 2442.35 | 2072.64 |
| 300.0 | 8781.61 | 7454.86 | 6253.51 | 5246.31 | 4376.65 | 3636.42 | 3033.72 | 2572.59 | 2143.83 |
| 330.0 | 8016.71 | 7506.23 | 6312.97 | 5277.06 | 4495.16 | 3674.85 | 3113.41 | 2601.72 | 2172.14 |
| 360.0 | 10318.69 | 8894.87 | 7551.94 | 6395.08 | 5476.88 | 4570.81 | 3826.53 | 3195.52 | 2653.49 |
| C/γ(°) | 18.0 | 19.0 | 20.0 | 21.0 | 22.0 | 23.0 | 24.0 | 25.0 | 26.0 |
| 0.0 | 2265.18 | 2062.93 | 1584.82 | 1335.65 | 1128.54 | 954.61 | 826.79 | 706.25 | 604.72 |
| 30.0 | 2265.18 | 2058.89 | 1584.82 | 1340.10 | 1131.38 | 969.58 | 813.44 | 705.85 | 603.51 |
| 60.0 | 2479.16 | 2087.20 | 1742.97 | 1491.38 | 1240.59 | 1061.80 | 851.06 | 771.78 | 656.13 |
| 90.0 | 2718.21 | 2261.13 | 2066.98 | 1613.94 | 1332.41 | 1138.25 | 968.36 | 822.74 | 699.37 |
| 120.0 | 2433.85 | 2045.94 | 1709.40 | 1436.77 | 1219.96 | 1030.25 | 802.12 | 766.76 | 654.92 |
| 150.0 | 2342.03 | 2058.89 | 1644.28 | 1391.06 | 1175.47 | 993.04 | 848.23 | 736.99 | 631.01 |
| 180.0 | 1967.06 | 1660.05 | 1391.87 | 1194.07 | 1014.88 | 798.80 | 734.36 | 641.09 | 540.61 |
| 210.0 | 2257.49 | 1896.68 | 1620.01 | 1338.88 | 1152.81 | 975.64 | 806.61 | 712.36 | 611.88 |
| 240.0 | 2066.98 | 1734.48 | 1456.59 | 1230.07 | 1042.79 | 883.01 | 766.12 | 656.09 | 563.06 |
| 270.0 | 1732.86 | 1456.19 | 1226.03 | 1037.53 | 804.34 | 756.45 | 658.36 | 567.59 | 491.62 |
| 300.0 | 1917.72 | 1512.41 | 1293.98 | 1079.60 | 918.61 | 794.83 | 681.17 | 586.11 | 505.62 |
| 330.0 | 1819.02 | 1530.61 | 1311.78 | 1109.94 | 943.28 | 795.97 | 703.05 | 596.71 | 523.90 |
| 360.0 | 2265.18 | 2062.93 | 1584.82 | 1335.65 | 1128.54 | 954.61 | 826.79 | 706.25 | 604.72 |
| C/γ(°) | 27.0 | 28.0 | 29.0 | 30.0 | 31.0 | 32.0 | 33.0 | 34.0 | 35.0 |
| 0.0 | 522.20 | 453.44 | 395.19 | 347.87 | 311.06 | 276.27 | 246.74 | 220.85 | 206.29 |
| 30.0 | 522.20 | 453.44 | 394.38 | 351.91 | 307.01 | 275.06 | 246.34 | 221.26 | 205.89 |
| 60.0 | 562.21 | 495.10 | 428.52 | 375.29 | 332.46 | 294.15 | 262.15 | 235.58 | 213.17 |
| 90.0 | 612.00 | 527.87 | 450.20 | 400.05 | 351.10 | 308.63 | 274.65 | 247.55 | 221.26 |
| 120.0 | 563.75 | 490.53 | 426.14 | 378.33 | 335.21 | 296.70 | 264.22 | 237.32 | 212.48 |
| 150.0 | 547.28 | 474.88 | 418.25 | 362.83 | 319.96 | 285.57 | 254.83 | 228.14 | 206.29 |
| 180.0 | 466.75 | 413.88 | 361.30 | 318.58 | 283.83 | 254.83 | 225.14 | 202.49 | 183.52 |
| 210.0 | 535.96 | 465.41 | 406.15 | 356.36 | 314.98 | 279.83 | 252.73 | 226.80 | 204.27 |
| 240.0 | 488.23 | 425.93 | 379.01 | 330.88 | 297.71 | 265.35 | 237.84 | 213.17 | 206.29 |
| 270.0 | 427.88 | 374.60 | 333.83 | 295.32 | 262.80 | 235.01 | 211.03 | 190.48 | 172.36 |
| 300.0 | 446.56 | 390.74 | 338.97 | 304.18 | 271.42 | 242.29 | 217.21 | 205.89 | 175.75 |
| 330.0 | 455.10 | 397.46 | 348.68 | 307.26 | 275.91 | 242.94 | 219.92 | 197.84 | 178.63 |
| 360.0 | 522.20 | 453.44 | 395.19 | 347.87 | 311.06 | 276.27 | 246.74 | 220.85 | 206.29 |

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光强数据表(cd)

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| | | | | | | | | | |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| C/γ(°) | 36.0 | 37.0 | 38.0 | 39.0 | 40.0 | 41.0 | 42.0 | 43.0 | 44.0 |
| 0.0 | 177.74 | 160.71 | 147.24 | 134.41 | 123.17 | 113.34 | 104.80 | 98.01 | 91.29 |
| 30.0 | 182.27 | 165.56 | 150.51 | 138.09 | 127.09 | 116.98 | 108.61 | 101.93 | 95.02 |
| 60.0 | 192.18 | 174.42 | 158.08 | 144.12 | 132.47 | 121.79 | 113.46 | 105.61 | 98.29 |
| 90.0 | 207.10 | 180.45 | 163.17 | 150.31 | 136.23 | 125.68 | 116.25 | 107.60 | 99.75 |
| 120.0 | 191.16 | 175.07 | 158.24 | 143.88 | 131.83 | 121.63 | 111.03 | 102.90 | 96.03 |
| 150.0 | 186.47 | 168.72 | 151.40 | 139.59 | 127.66 | 116.78 | 107.84 | 100.52 | 93.03 |
| 180.0 | 165.56 | 150.51 | 136.68 | 126.08 | 116.01 | 105.98 | 98.78 | 91.94 | 85.63 |
| 210.0 | 184.73 | 167.66 | 154.07 | 139.47 | 129.07 | 118.84 | 109.86 | 101.97 | 94.98 |
| 240.0 | 175.07 | 158.81 | 144.53 | 132.31 | 121.67 | 112.33 | 104.24 | 97.65 | 91.21 |
| 270.0 | 158.12 | 144.20 | 132.03 | 121.47 | 113.06 | 104.04 | 97.52 | 91.05 | 85.19 |
| 300.0 | 160.91 | 146.14 | 133.20 | 122.24 | 112.53 | 104.68 | 97.08 | 90.36 | 84.26 |
| 330.0 | 161.84 | 147.24 | 135.63 | 124.22 | 114.27 | 105.41 | 97.65 | 90.81 | 84.70 |
| 360.0 | 177.74 | 160.71 | 147.24 | 134.41 | 123.17 | 113.34 | 104.80 | 98.01 | 91.29 |
| C/γ(°) | 45.0 | 46.0 | 47.0 | 48.0 | 49.0 | 50.0 | 51.0 | 52.0 | 53.0 |
| 0.0 | 85.43 | 80.17 | 75.60 | 71.56 | 67.91 | 65.00 | 62.05 | 59.22 | 56.67 |
| 30.0 | 89.35 | 84.30 | 79.56 | 76.09 | 72.20 | 69.09 | 66.18 | 63.38 | 60.59 |
| 60.0 | 92.02 | 86.64 | 81.71 | 77.30 | 73.94 | 70.34 | 67.15 | 64.27 | 61.40 |
| 90.0 | 93.20 | 87.86 | 81.67 | 77.50 | 72.97 | 68.68 | 64.92 | 61.52 | 58.49 |
| 120.0 | 89.39 | 83.77 | 78.43 | 74.14 | 69.65 | 65.81 | 62.70 | 59.70 | 56.83 |
| 150.0 | 86.76 | 81.14 | 75.88 | 71.47 | 67.47 | 64.03 | 60.88 | 57.96 | 55.25 |
| 180.0 | 80.13 | 75.96 | 71.60 | 67.47 | 64.56 | 61.40 | 58.57 | 56.10 | 53.88 |
| 210.0 | 89.43 | 83.49 | 79.08 | 74.87 | 71.11 | 67.79 | 64.76 | 62.25 | 59.54 |
| 240.0 | 85.59 | 80.49 | 76.09 | 72.20 | 68.60 | 65.77 | 62.90 | 60.07 | 57.40 |
| 270.0 | 80.01 | 75.36 | 71.51 | 67.39 | 64.23 | 61.12 | 57.84 | 54.93 | 52.18 |
| 300.0 | 78.96 | 74.18 | 69.82 | 66.34 | 62.86 | 59.78 | 57.03 | 54.53 | 52.46 |
| 330.0 | 79.81 | 74.91 | 70.63 | 66.74 | 63.30 | 60.19 | 57.36 | 55.05 | 52.75 |
| 360.0 | 85.43 | 80.17 | 75.60 | 71.56 | 67.91 | 65.00 | 62.05 | 59.22 | 56.67 |
| C/γ(°) | 54.0 | 55.0 | 56.0 | 57.0 | 58.0 | 59.0 | 60.0 | 61.0 | 62.0 |
| 0.0 | 54.32 | 52.10 | 50.00 | 48.26 | 46.15 | 44.13 | 42.15 | 40.00 | 37.74 |
| 30.0 | 58.00 | 55.66 | 53.07 | 50.64 | 48.30 | 45.83 | 43.44 | 41.22 | 38.95 |
| 60.0 | 58.98 | 56.14 | 53.72 | 51.13 | 48.78 | 46.27 | 43.69 | 41.38 | 38.67 |
| 90.0 | 55.62 | 52.91 | 50.28 | 47.85 | 45.63 | 43.48 | 41.22 | 38.79 | 36.04 |
| 120.0 | 54.28 | 52.26 | 49.91 | 47.53 | 45.75 | 43.56 | 41.42 | 39.32 | 37.29 |
| 150.0 | 52.87 | 50.68 | 48.54 | 46.76 | 44.86 | 42.88 | 40.93 | 39.03 | 37.09 |
| 180.0 | 51.53 | 49.47 | 47.37 | 45.26 | 43.24 | 41.10 | 38.99 | 36.73 | 34.26 |
| 210.0 | 56.95 | 54.32 | 51.90 | 49.55 | 47.33 | 45.18 | 42.76 | 40.33 | 37.86 |
| 240.0 | 54.89 | 52.54 | 50.12 | 47.73 | 45.38 | 42.96 | 40.53 | 37.90 | 35.56 |
| 270.0 | 49.87 | 47.41 | 45.06 | 42.76 | 40.49 | 38.14 | 35.76 | 33.37 | 30.66 |
| 300.0 | 50.08 | 48.26 | 46.36 | 44.41 | 42.27 | 40.21 | 38.18 | 35.76 | 33.49 |
| 330.0 | 50.60 | 48.62 | 46.92 | 44.90 | 43.04 | 41.34 | 39.40 | 37.33 | 35.31 |
| 360.0 | 54.32 | 52.10 | 50.00 | 48.26 | 46.15 | 44.13 | 42.15 | 40.00 | 37.74 |
| C/γ(°) | 63.0 | 64.0 | 65.0 | 66.0 | 67.0 | 68.0 | 69.0 | 70.0 | 71.0 |
| 0.0 | 35.43 | 33.37 | 31.15 | 28.96 | 26.86 | 25.08 | 22.81 | 20.59 | 18.53 |
| 30.0 | 36.65 | 34.30 | 31.75 | 29.29 | 26.74 | 24.19 | 22.17 | 19.94 | 17.64 |
| 60.0 | 36.00 | 33.33 | 30.66 | 27.99 | 25.36 | 22.81 | 20.22 | 18.00 | 15.90 |
| 90.0 | 33.37 | 30.82 | 28.31 | 26.41 | 24.31 | 22.21 | 20.18 | 18.28 | 16.50 |
| 120.0 | 34.99 | 32.32 | 29.93 | 27.10 | 24.55 | 22.09 | 19.98 | 17.92 | 15.98 |
| 150.0 | 34.83 | 32.93 | 30.58 | 28.19 | 25.85 | 23.42 | 21.24 | 19.38 | 17.27 |
| 180.0 | 31.91 | 29.77 | 27.47 | 25.32 | 23.62 | 21.52 | 19.62 | 17.47 | 15.49 |
| 210.0 | 35.39 | 32.85 | 30.46 | 27.91 | 25.36 | 22.93 | 20.63 | 18.69 | 16.46 |
| 240.0 | 32.56 | 30.13 | 27.51 | 24.92 | 22.21 | 19.90 | 17.60 | 15.45 | 13.59 |
| 270.0 | 28.07 | 25.69 | 23.46 | 21.32 | 19.17 | 17.39 | 15.57 | 13.75 | 12.05 |
| 300.0 | 31.07 | 28.48 | 25.77 | 23.14 | 20.91 | 18.73 | 16.79 | 14.85 | 13.11 |
| 330.0 | 33.49 | 31.31 | 28.92 | 26.53 | 24.11 | 21.76 | 19.58 | 17.64 | 15.57 |
| 360.0 | 35.43 | 33.37 | 31.15 | 28.96 | 26.86 | 25.08 | 22.81 | 20.59 | 18.53 |

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光强数据表(cd)

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| | | | | | | | | | |
|--------|-------|-------|-------|-------|------|------|------|------|------|
| C/γ(°) | 72.0 | 73.0 | 74.0 | 75.0 | 76.0 | 77.0 | 78.0 | 79.0 | 80.0 |
| 0.0 | 16.34 | 14.32 | 12.54 | 10.96 | 9.30 | 7.73 | 6.51 | 5.26 | 4.21 |
| 30.0 | 15.53 | 13.67 | 11.49 | 9.91 | 8.33 | 6.80 | 5.50 | 4.29 | 3.44 |
| 60.0 | 13.91 | 12.18 | 10.52 | 9.02 | 7.69 | 6.35 | 5.14 | 4.25 | 3.24 |
| 90.0 | 14.48 | 12.98 | 11.24 | 9.75 | 8.33 | 6.96 | 5.91 | 4.81 | 3.76 |
| 120.0 | 14.12 | 12.42 | 10.76 | 9.22 | 8.01 | 6.71 | 5.54 | 4.49 | 3.44 |
| 150.0 | 15.33 | 13.51 | 11.69 | 10.23 | 8.58 | 7.04 | 5.70 | 4.57 | 3.56 |
| 180.0 | 13.75 | 11.85 | 10.40 | 8.86 | 7.52 | 6.27 | 5.14 | 4.21 | 3.28 |
| 210.0 | 14.76 | 12.86 | 11.12 | 9.42 | 7.97 | 6.67 | 5.30 | 4.29 | 3.36 |
| 240.0 | 11.89 | 10.19 | 8.74 | 7.36 | 6.19 | 5.10 | 4.09 | 3.20 | 2.47 |
| 270.0 | 10.48 | 9.02 | 7.69 | 6.55 | 5.38 | 4.29 | 3.48 | 2.51 | 1.86 |
| 300.0 | 11.45 | 9.87 | 8.58 | 7.24 | 5.95 | 4.81 | 3.84 | 2.91 | 2.31 |
| 330.0 | 13.67 | 11.81 | 10.07 | 8.49 | 7.00 | 5.74 | 4.57 | 3.64 | 2.79 |
| 360.0 | 16.34 | 14.32 | 12.54 | 10.96 | 9.30 | 7.73 | 6.51 | 5.26 | 4.21 |
| C/γ(°) | 81.0 | 82.0 | 83.0 | 84.0 | 85.0 | 86.0 | 87.0 | 88.0 | 89.0 |
| 0.0 | 3.28 | 2.43 | 1.74 | 1.21 | 0.85 | 0.49 | 0.20 | 0.12 | 0.00 |
| 30.0 | 2.63 | 1.94 | 1.33 | 0.85 | 0.57 | 0.32 | 0.12 | 0.04 | 0.00 |
| 60.0 | 2.51 | 1.90 | 1.25 | 0.89 | 0.53 | 0.28 | 0.12 | 0.08 | 0.00 |
| 90.0 | 2.87 | 2.10 | 1.54 | 1.01 | 0.65 | 0.32 | 0.12 | 0.12 | 0.00 |
| 120.0 | 2.67 | 2.06 | 1.42 | 0.93 | 0.65 | 0.36 | 0.16 | 0.08 | 0.00 |
| 150.0 | 2.79 | 2.14 | 1.46 | 1.01 | 0.69 | 0.40 | 0.16 | 0.08 | 0.00 |
| 180.0 | 2.39 | 1.78 | 1.25 | 0.81 | 0.53 | 0.24 | 0.08 | 0.00 | 0.00 |
| 210.0 | 2.63 | 1.90 | 1.38 | 0.89 | 0.61 | 0.36 | 0.16 | 0.04 | 0.00 |
| 240.0 | 1.86 | 1.25 | 0.81 | 0.57 | 0.24 | 0.12 | 0.04 | 0.00 | 0.00 |
| 270.0 | 1.33 | 0.81 | 0.53 | 0.28 | 0.12 | 0.04 | 0.00 | 0.00 | 0.00 |
| 300.0 | 1.58 | 1.05 | 0.69 | 0.44 | 0.16 | 0.12 | 0.00 | 0.00 | 0.00 |
| 330.0 | 2.14 | 1.54 | 1.01 | 0.65 | 0.40 | 0.20 | 0.08 | 0.00 | 0.00 |
| 360.0 | 3.28 | 2.43 | 1.74 | 1.21 | 0.85 | 0.49 | 0.20 | 0.12 | 0.00 |
| C/γ(°) | 90.0 | | | | | | | | |
| 0.0 | 0.00 | | | | | | | | |
| 30.0 | 0.00 | | | | | | | | |
| 60.0 | 0.00 | | | | | | | | |
| 90.0 | 0.00 | | | | | | | | |
| 120.0 | 0.00 | | | | | | | | |
| 150.0 | 0.00 | | | | | | | | |
| 180.0 | 0.00 | | | | | | | | |
| 210.0 | 0.00 | | | | | | | | |
| 240.0 | 0.00 | | | | | | | | |
| 270.0 | 0.00 | | | | | | | | |
| 300.0 | 0.00 | | | | | | | | |
| 330.0 | 0.00 | | | | | | | | |
| 360.0 | 0.00 | | | | | | | | |