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ROLED

灯具名称: 投光灯
灯具描述: F1073C1.1-18-UN(20-OL-18WN-C.P1)
报告编号: 电压(V): 219.7000
测试编号: 20211018002 电流(A): 0.3060
光源规格型号: OL 功率(W): 61.4000
每个光源光通量(lm) 功率因数: 0.9120
光源数量: 18 镇流器型号:
发光面长度(mm): 150 发光面宽度 (mm): 150
测试模式: C 发光面高度(mm): 0

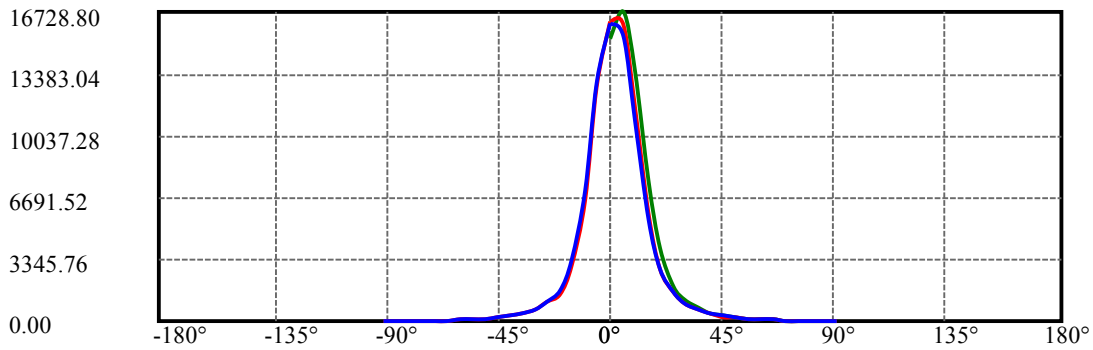
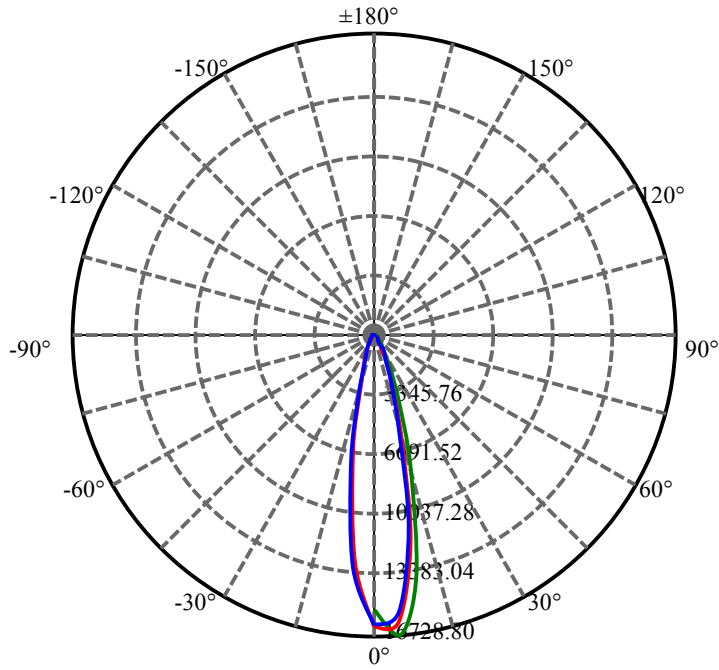
光度结果

灯具光通量(lm): 3919.64
灯具效能(lm/w): 63.84
中心光强(cd): 16199.310
最大光强(cd): 16728.800
最大光强角度: $C=30.0 \gamma=5.0$
半峰边角(50%Imax): [C0/180]Total=21.7
 [C90/270]Total=21.8
光束扩散角(10%Imax): [C0/180]Total=44.3
 [C90/270]Total=45.2

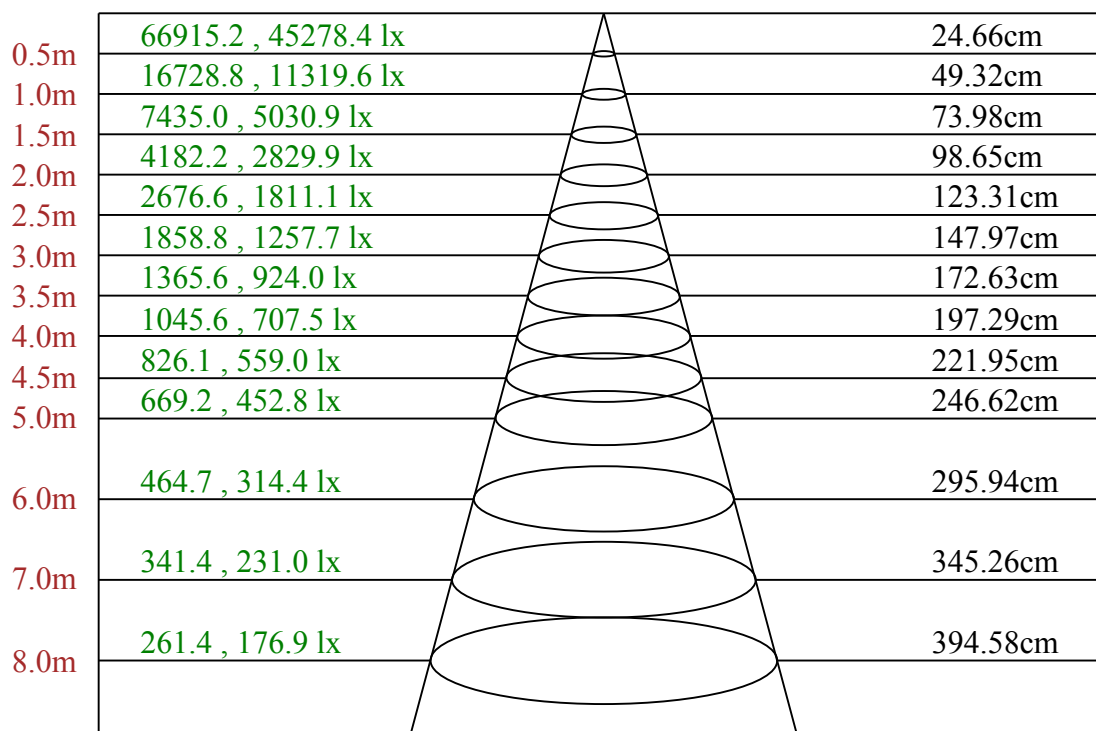
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/10/18
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

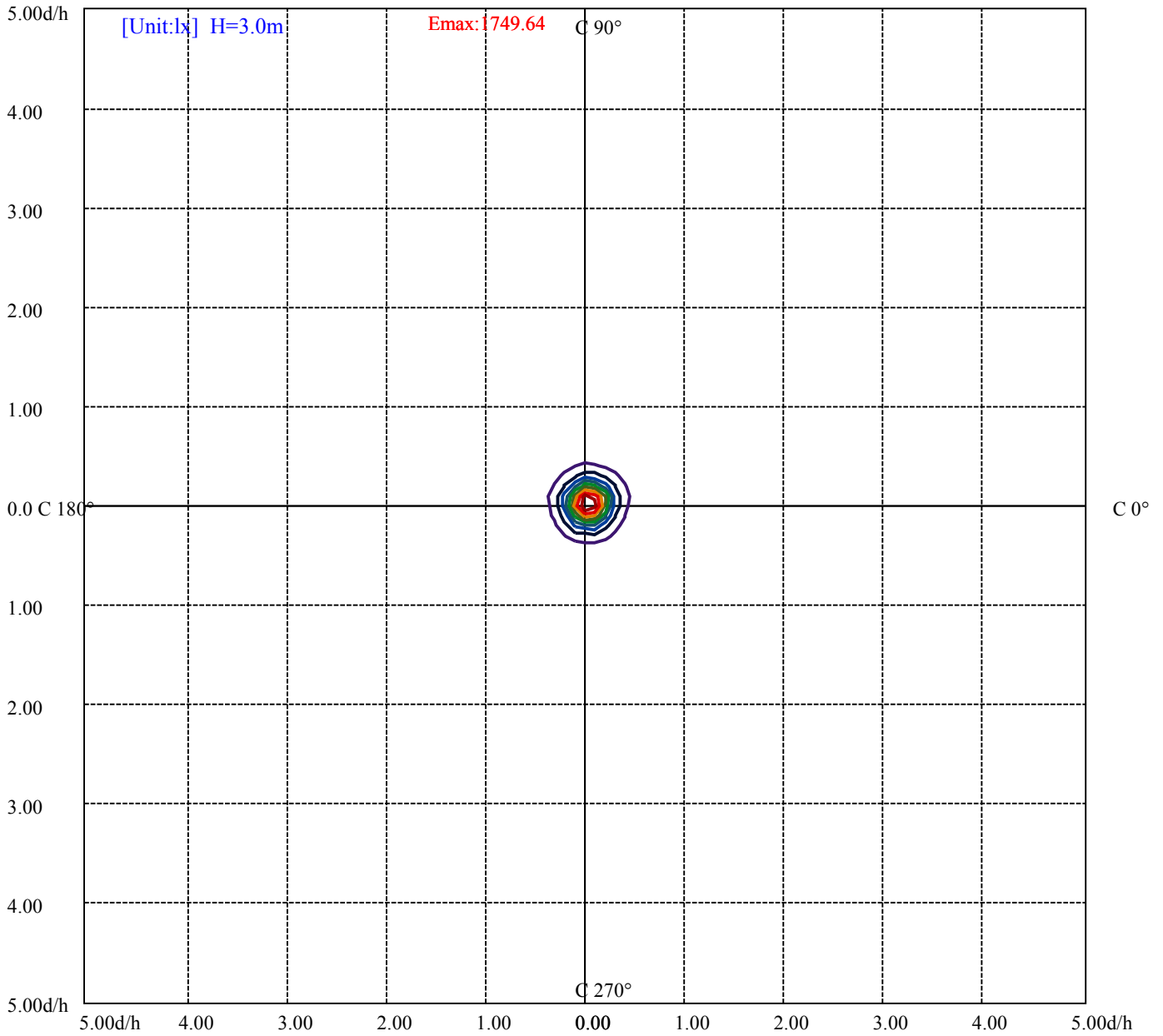


C30(Max): ————
C0/C180: ————
C90/C270: ————



Max , Ave C30面光束角27.58

ROLED 投光灯
平面等照度曲线



| | |
|--------------------|---|
| (10%Emax) 174.9633 | — |
| (20%Emax) 349.9256 | — |
| (30%Emax) 524.8889 | — |
| (40%Emax) 699.8522 | — |
| (50%Emax) 874.8145 | — |
| (60%Emax) 1049.778 | — |
| (70%Emax) 1224.745 | — |
| (80%Emax) 1399.7 | — |
| (90%Emax) 1574.667 | — |

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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

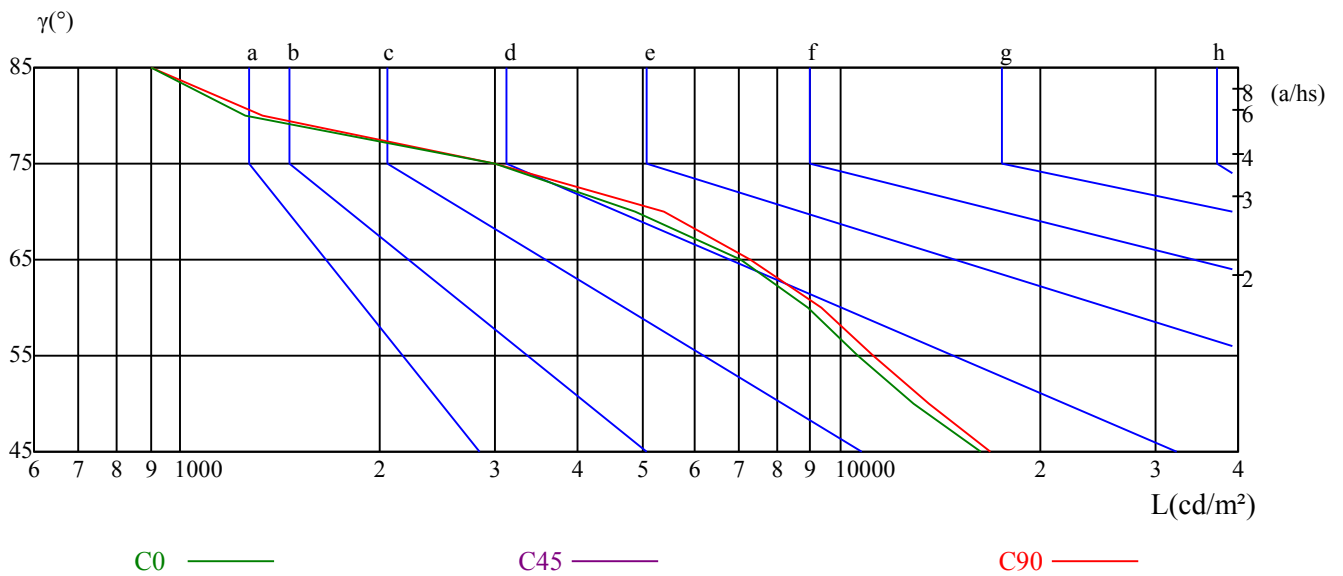
| γ | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 |
|----------|-------|-------|-------|------|------|------|------|------|-----|
| C0 | 16327 | 12909 | 10638 | 8908 | 7077 | 4876 | 2991 | 1257 | 900 |
| C45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| C90 | 16881 | 13578 | 11214 | 9365 | 7287 | 5395 | 2991 | 1336 | 900 |

| L横(65) | L纵(65) | L45(65) | L横(75) | L纵(75) | L45(75) | L横(85) | L纵(85) | L45(85) |
|--------|--------|---------|--------|--------|---------|--------|--------|---------|
| 5883 | 6178 | 0 | 2161 | 2234 | 0 | 646 | 665 | 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 | 9.60 | 10.61 | 9.96 | 10.92 | 11.24 | 9.38 | 10.39 | 9.75 | 10.70 | 11.02 |
| | 3H | 10.20 | 11.09 | 10.58 | 11.42 | 11.79 | 9.96 | 10.85 | 10.34 | 11.19 | 11.55 |
| | 4H | 10.23 | 11.06 | 10.64 | 11.41 | 11.80 | 9.99 | 10.82 | 10.40 | 11.17 | 11.56 |
| | 6H | 10.17 | 10.92 | 10.59 | 11.30 | 11.70 | 9.93 | 10.69 | 10.35 | 11.06 | 11.46 |
| | 8H | 10.12 | 10.83 | 10.56 | 11.22 | 11.63 | 9.89 | 10.59 | 10.32 | 10.99 | 11.40 |
| | 12H | 10.07 | 10.75 | 10.51 | 11.13 | 11.56 | 9.84 | 10.51 | 10.27 | 10.90 | 11.33 |
| 4H | 2H | 9.76 | 10.59 | 10.17 | 10.94 | 11.33 | 9.57 | 10.40 | 9.98 | 10.75 | 11.14 |
| | 3H | 10.45 | 11.12 | 10.86 | 11.53 | 11.93 | 10.25 | 10.92 | 10.66 | 11.33 | 11.74 |
| | 4H | 10.49 | 11.09 | 10.93 | 11.51 | 11.96 | 10.30 | 10.89 | 10.73 | 11.32 | 11.77 |
| | 6H | 10.44 | 10.95 | 10.91 | 11.40 | 11.88 | 10.25 | 10.76 | 10.72 | 11.21 | 11.68 |
| | 8H | 10.38 | 10.86 | 10.86 | 11.31 | 11.78 | 10.19 | 10.66 | 10.66 | 11.11 | 11.59 |
| | 12H | 10.33 | 10.74 | 10.82 | 11.23 | 11.71 | 10.14 | 10.55 | 10.63 | 11.03 | 11.51 |
| 8H | 4H | 10.40 | 10.88 | 10.88 | 11.33 | 11.80 | 10.21 | 10.68 | 10.69 | 11.13 | 11.61 |
| | 6H | 10.35 | 10.73 | 10.86 | 11.23 | 11.71 | 10.16 | 10.54 | 10.67 | 11.04 | 11.53 |
| | 8H | 10.30 | 10.63 | 10.83 | 11.15 | 11.65 | 10.11 | 10.44 | 10.64 | 10.97 | 11.46 |
| | 12H | 11.03 | 11.32 | 11.55 | 11.82 | 12.40 | 10.82 | 11.10 | 11.34 | 11.60 | 12.18 |
| 12H | 4H | 10.34 | 10.75 | 10.83 | 11.24 | 11.72 | 10.15 | 10.56 | 10.64 | 11.05 | 11.53 |
| | 6H | 10.56 | 10.62 | 10.82 | 11.09 | 11.64 | 10.37 | 10.44 | 10.64 | 10.91 | 11.46 |
| | 8H | 10.25 | 10.54 | 10.77 | 11.04 | 11.62 | 10.07 | 10.35 | 10.59 | 10.85 | 11.43 |
| 对应照射距离，改变观察者位置S | | | | | | | | | | | |
| S = 1.0H | 1.4/-1.4 | | | | | 1.4/-1.6 | | | | | |
| S = 1.5H | 2.7/-2.4 | | | | | 2.9/-2.6 | | | | | |
| S = 2.0H | 5.0/-3.3 | | | | | 5.0/-3.5 | | | | | |
| 标准表格 | BK1 | | | | | BK1 | | | | | |
| 更正系数 | -0.3 | | | | | -0.2 | | | | | |

ROLED 投光灯

光强数据表(cd)

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| | | | | | | | | | |
|--------|----------|----------|----------|---------|---------|---------|---------|--------|--------|
| C/γ(°) | 0.0 | 5.0 | 10.0 | 15.0 | 20.0 | 25.0 | 30.0 | 35.0 | 40.0 |
| 0.0 | 16199.31 | 15969.09 | 11495.29 | 5786.02 | 2819.34 | 1547.03 | 950.01 | 588.58 | 390.59 |
| 30.0 | 15263.11 | 16728.80 | 13528.84 | 7620.04 | 3951.99 | 1910.77 | 1137.25 | 699.08 | 447.38 |
| 60.0 | 16230.00 | 15215.53 | 11865.17 | 6007.79 | 3005.81 | 1515.26 | 1031.89 | 636.85 | 415.15 |
| 90.0 | 16114.90 | 15393.56 | 10781.63 | 5532.78 | 2786.34 | 1565.45 | 963.82 | 594.72 | 392.13 |
| 120.0 | 16222.33 | 14066.00 | 8522.48 | 4047.14 | 2131.00 | 1235.09 | 771.83 | 486.06 | 325.90 |
| 150.0 | 16337.44 | 13666.97 | 8118.84 | 3928.97 | 1954.51 | 1131.11 | 709.06 | 448.91 | 300.89 |
| 180.0 | 16199.31 | 12673.21 | 6558.76 | 3018.86 | 1505.75 | 1017.23 | 623.95 | 403.56 | 270.58 |
| 210.0 | 15263.11 | 11336.45 | 5573.45 | 2668.17 | 1502.60 | 905.89 | 561.80 | 366.50 | 250.16 |
| 240.0 | 16230.00 | 12469.86 | 6614.78 | 3890.60 | 1693.60 | 1012.17 | 617.74 | 392.90 | 269.81 |
| 270.0 | 16114.90 | 12898.06 | 7114.34 | 3368.78 | 1658.30 | 1051.38 | 654.57 | 417.84 | 286.00 |
| 300.0 | 16222.33 | 14357.60 | 8993.65 | 4328.00 | 2187.02 | 1248.52 | 781.19 | 491.89 | 326.06 |
| 330.0 | 16337.44 | 14918.56 | 9896.08 | 4671.79 | 2348.17 | 1371.22 | 831.45 | 519.36 | 349.39 |
| 360.0 | 16199.31 | 15969.09 | 11495.29 | 5786.02 | 2819.34 | 1547.03 | 950.01 | 588.58 | 390.59 |
| C/γ(°) | 45.0 | 50.0 | 55.0 | 60.0 | 65.0 | 70.0 | 75.0 | 80.0 | 85.0 |
| 0.0 | 259.76 | 186.70 | 137.28 | 100.22 | 67.30 | 37.52 | 17.42 | 4.91 | 1.76 |
| 30.0 | 297.13 | 214.25 | 154.93 | 111.50 | 74.21 | 46.50 | 22.56 | 8.44 | 2.30 |
| 60.0 | 284.31 | 204.20 | 150.10 | 110.50 | 75.20 | 43.82 | 20.72 | 6.22 | 2.15 |
| 90.0 | 268.58 | 196.37 | 144.73 | 105.36 | 69.29 | 41.52 | 17.42 | 5.22 | 1.76 |
| 120.0 | 230.44 | 169.97 | 125.39 | 88.40 | 58.17 | 30.23 | 11.82 | 3.45 | 1.23 |
| 150.0 | 217.09 | 161.15 | 118.18 | 84.33 | 52.10 | 28.39 | 11.51 | 2.84 | 1.00 |
| 180.0 | 196.45 | 144.11 | 103.75 | 72.44 | 44.58 | 21.56 | 7.75 | 2.38 | 0.77 |
| 210.0 | 183.17 | 132.37 | 96.46 | 64.00 | 38.52 | 16.11 | 5.14 | 1.92 | 0.38 |
| 240.0 | 198.21 | 144.34 | 106.51 | 74.82 | 44.43 | 21.41 | 7.67 | 2.23 | 0.61 |
| 270.0 | 205.96 | 152.63 | 110.20 | 76.20 | 48.19 | 22.02 | 8.59 | 2.38 | 0.84 |
| 300.0 | 233.90 | 172.66 | 123.24 | 88.02 | 57.71 | 28.93 | 11.66 | 2.92 | 1.15 |
| 330.0 | 242.11 | 175.96 | 128.69 | 93.93 | 58.78 | 34.46 | 12.66 | 3.84 | 1.46 |
| 360.0 | 259.76 | 186.70 | 137.28 | 100.22 | 67.30 | 37.52 | 17.42 | 4.91 | 1.76 |
| C/γ(°) | 90.0 | | | | | | | | |
| 0.0 | 0.31 | | | | | | | | |
| 30.0 | 0.61 | | | | | | | | |
| 60.0 | 0.46 | | | | | | | | |
| 90.0 | 0.23 | | | | | | | | |
| 120.0 | 0.08 | | | | | | | | |
| 150.0 | 0.08 | | | | | | | | |
| 180.0 | 0.00 | | | | | | | | |
| 210.0 | 0.08 | | | | | | | | |
| 240.0 | 0.00 | | | | | | | | |
| 270.0 | 0.00 | | | | | | | | |
| 300.0 | 0.00 | | | | | | | | |
| 330.0 | 0.23 | | | | | | | | |
| 360.0 | 0.31 | | | | | | | | |