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ROLED

灯具名称: 轮廓灯
灯具描述: TP-C3621S5-48-24DC-PC-16824(120-CR-48WN-C1-PM1, L1000mm, U, CT)
报告编号: 电压(V): 24.1000
测试编号: 20221017001 电流(A): 0.4920
光源规格型号: CR 功率(W): 11.8000
每个光源光通量(lm) 功率因数: 1.0240
光源数量: 48 镇流器型号:
发光面长度(mm): 980 发光面宽度 (mm): 37
测试模式: C 发光面高度(mm): 0

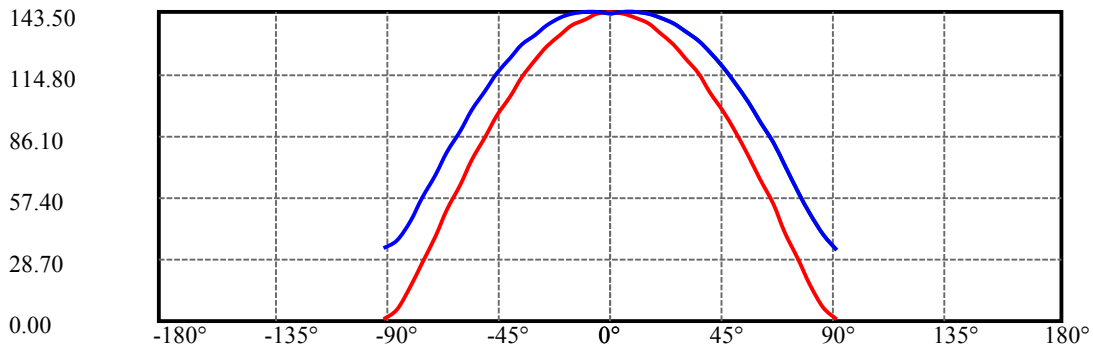
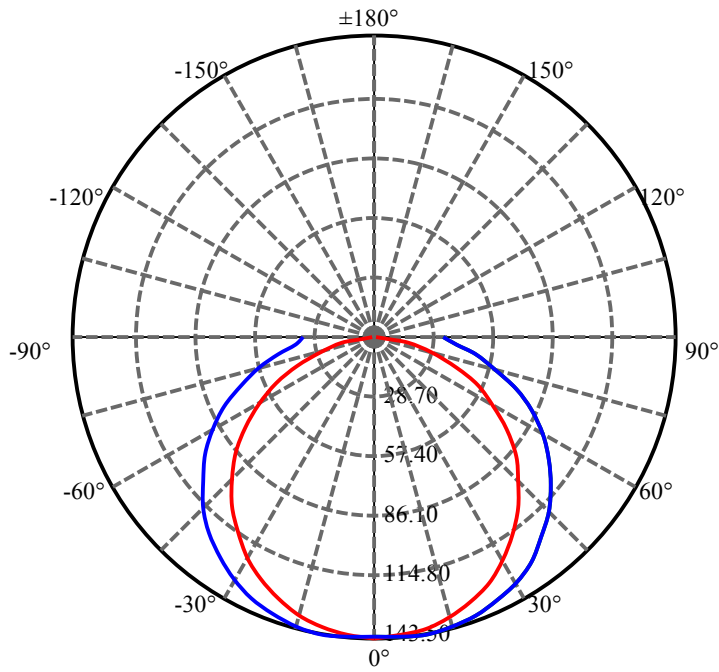
光度结果

灯具光通量(lm): 501.94
灯具效能(lm/w): 42.54
中心光强(cd): 143.116
最大光强(cd): 143.499
最大光强角度: C=90.0 γ =10.0
半峰边角(50%Imax): [C0/180]Total=113.7
[C90/270]Total=138.3
光束扩散角(10%Imax): [C0/180]Total=N.A.
[C90/270]Total=N.A.

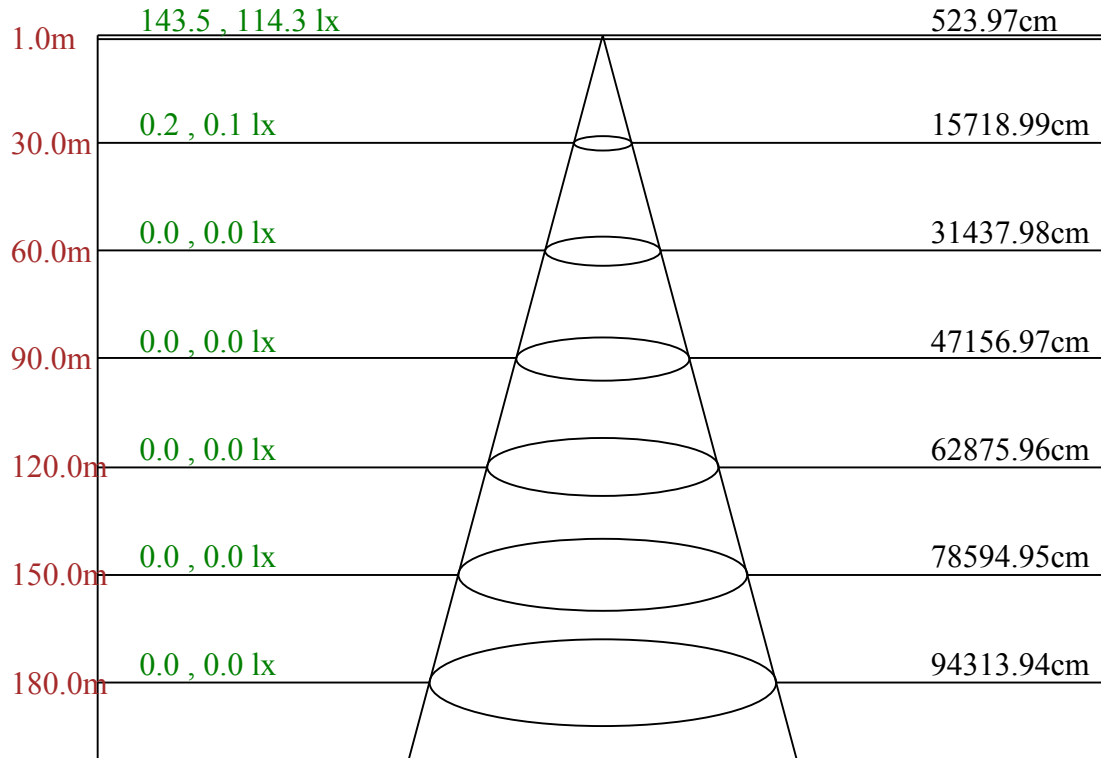
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2022/10/17
环境湿度(%): 60.0%

测试人员: muran
测试距离(m): 8.76

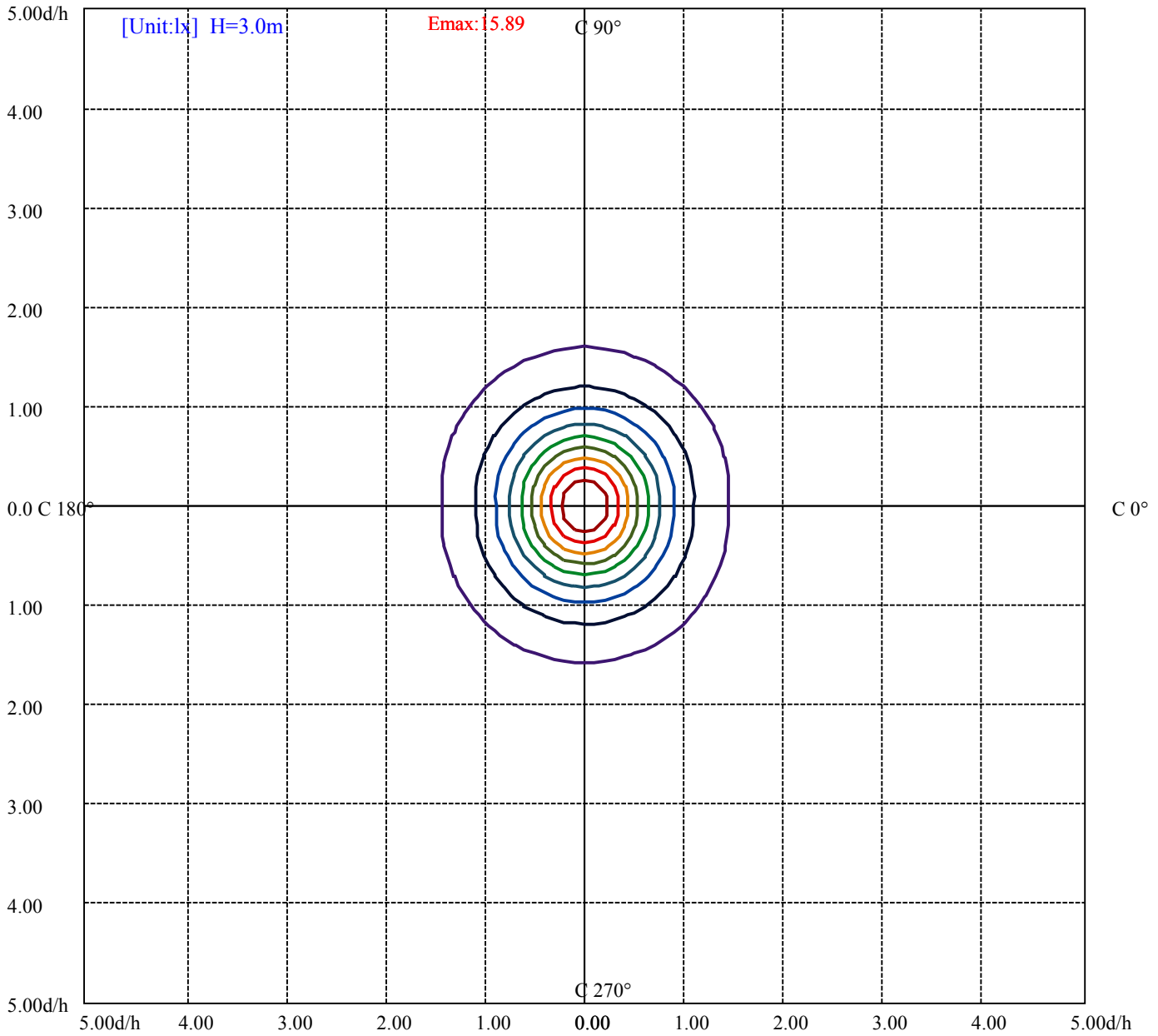


C90(Max): —
C0/C180: —
C90/C270: —



Max , Ave C90面光束角138.12

ROLED 轮廓灯
平面等照度曲线



- (10%Emax) 1.589322
- (20%Emax) 3.178644
- (30%Emax) 4.767967
- (40%Emax) 6.357289
- (50%Emax) 7.9466
- (60%Emax) 9.535923
- (70%Emax) 11.12522
- (80%Emax) 12.71456
- (90%Emax) 14.30389

ROLED 轮廓灯

灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

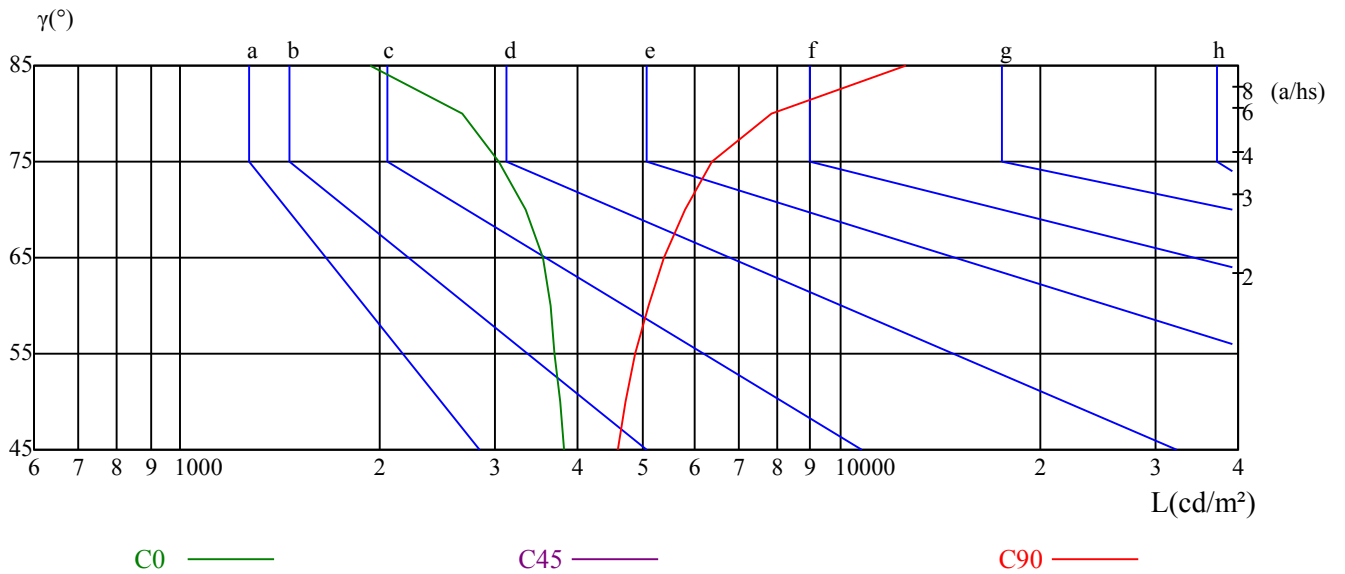
| γ | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 |
|----------|------|------|------|------|------|------|------|------|-------|
| C0 | 3801 | 3770 | 3697 | 3627 | 3530 | 3341 | 3042 | 2669 | 1943 |
| C45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| C90 | 4597 | 4725 | 4881 | 5100 | 5398 | 5804 | 6402 | 7861 | 12554 |

| L横(65) | L纵(65) | L45(65) | L横(75) | L纵(75) | L45(75) | L横(85) | L纵(85) | L45(85) |
|--------|--------|---------|--------|--------|---------|--------|--------|---------|
| 3448 | 5258 | 0 | 2952 | 6223 | 0 | 1858 | 12250 | 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 | 20.28 | 22.01 | 20.65 | 22.32 | 22.64 | 18.95 | 20.68 | 19.32 | 20.99 | 21.31 |
| | 3H | 22.79 | 24.37 | 23.17 | 24.69 | 25.05 | 20.82 | 22.39 | 21.19 | 22.72 | 23.08 |
| | 4H | 23.97 | 25.46 | 24.36 | 25.81 | 26.18 | 21.51 | 23.00 | 21.90 | 23.35 | 23.72 |
| | 6H | 25.17 | 26.56 | 25.57 | 26.92 | 27.31 | 22.01 | 23.40 | 22.42 | 23.77 | 24.16 |
| | 8H | 25.79 | 27.12 | 26.21 | 27.51 | 27.91 | 22.17 | 23.50 | 22.59 | 23.89 | 24.29 |
| | 12H | 26.82 | 28.10 | 27.25 | 28.48 | 28.91 | 22.34 | 23.63 | 22.77 | 24.01 | 24.44 |
| 4H | 2H | 20.94 | 22.43 | 21.33 | 22.78 | 23.15 | 19.94 | 21.44 | 20.34 | 21.78 | 22.16 |
| | 3H | 23.73 | 25.00 | 24.13 | 25.39 | 25.79 | 22.10 | 23.37 | 22.51 | 23.77 | 24.17 |
| | 4H | 25.08 | 26.25 | 25.51 | 26.66 | 27.09 | 22.97 | 24.13 | 23.40 | 24.54 | 24.98 |
| | 6H | 26.35 | 27.38 | 26.80 | 27.81 | 28.26 | 23.53 | 24.56 | 23.98 | 24.99 | 25.44 |
| | 8H | 27.11 | 28.07 | 27.56 | 28.51 | 28.97 | 23.76 | 24.73 | 24.22 | 25.17 | 25.63 |
| | 12H | 28.17 | 29.05 | 28.65 | 29.52 | 29.99 | 23.98 | 24.85 | 24.45 | 25.33 | 25.79 |
| 8H | 4H | 25.48 | 26.45 | 25.93 | 26.89 | 27.35 | 23.72 | 24.69 | 24.18 | 25.13 | 25.59 |
| | 6H | 27.01 | 27.83 | 27.50 | 28.31 | 28.78 | 24.57 | 25.38 | 25.05 | 25.87 | 26.34 |
| | 8H | 27.94 | 28.68 | 28.44 | 29.18 | 29.66 | 24.95 | 25.69 | 25.46 | 26.19 | 26.68 |
| | 12H | 29.32 | 29.98 | 29.82 | 30.47 | 31.02 | 25.62 | 26.28 | 26.12 | 26.77 | 27.32 |
| 12H | 4H | 25.53 | 26.41 | 26.01 | 26.88 | 27.35 | 23.93 | 24.81 | 24.40 | 25.28 | 25.74 |
| | 6H | 28.46 | 27.88 | 27.65 | 28.33 | 28.87 | 26.23 | 25.65 | 25.42 | 26.11 | 26.64 |
| | 8H | 28.17 | 28.83 | 28.67 | 29.31 | 29.87 | 25.42 | 26.08 | 25.92 | 26.57 | 27.12 |
| 对应照射距离，改变观察者位置S | | | | | | | | | | | |
| S = 1.0H | 0.2/-1.0 | | | | | 0.2/-0.7 | | | | | |
| S = 1.5H | 0.4/-0.9 | | | | | 0.5/-0.6 | | | | | |
| S = 2.0H | 0.3/-0.6 | | | | | 0.4/-0.7 | | | | | |
| 标准表格 | BKBF | | | | | BKBF | | | | | |
| 更正系数 | 9.3 | | | | | 6.9 | | | | | |

ROLED 轮廓灯

光强数据表(cd)

附页 第 7页 共 7页

| C/γ(°) | 0.0 | 5.0 | 10.0 | 15.0 | 20.0 | 25.0 | 30.0 | 35.0 | 40.0 |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0.0 | 143.12 | 142.66 | 140.81 | 137.97 | 133.75 | 128.69 | 122.17 | 115.03 | 106.44 |
| 30.0 | 143.04 | 142.73 | 141.66 | 139.82 | 136.82 | 132.68 | 127.61 | 121.40 | 114.42 |
| 60.0 | 143.04 | 143.12 | 142.96 | 141.89 | 139.82 | 136.67 | 132.60 | 127.46 | 121.25 |
| 90.0 | 143.04 | 143.27 | 143.50 | 142.89 | 141.20 | 138.59 | 134.98 | 129.99 | 124.39 |
| 120.0 | 143.04 | 143.04 | 142.81 | 141.58 | 139.43 | 136.06 | 131.91 | 126.62 | 120.25 |
| 150.0 | 142.96 | 142.66 | 141.43 | 139.20 | 136.13 | 131.84 | 126.54 | 120.55 | 113.03 |
| 180.0 | 143.12 | 142.27 | 140.28 | 137.13 | 132.53 | 127.23 | 120.86 | 113.11 | 104.59 |
| 210.0 | 143.04 | 142.73 | 141.43 | 139.13 | 135.52 | 131.14 | 125.47 | 119.02 | 111.42 |
| 240.0 | 143.04 | 143.27 | 142.89 | 141.58 | 139.28 | 135.83 | 131.45 | 126.16 | 119.48 |
| 270.0 | 143.04 | 143.50 | 143.50 | 142.50 | 140.43 | 137.36 | 133.06 | 128.00 | 121.86 |
| 300.0 | 143.04 | 143.42 | 143.19 | 141.89 | 139.66 | 136.13 | 131.99 | 126.69 | 120.25 |
| 330.0 | 142.96 | 142.89 | 141.73 | 139.66 | 136.13 | 131.84 | 126.31 | 120.09 | 112.50 |
| 360.0 | 143.12 | 142.66 | 140.81 | 137.97 | 133.75 | 128.69 | 122.17 | 115.03 | 106.44 |

| C/γ(°) | 45.0 | 50.0 | 55.0 | 60.0 | 65.0 | 70.0 | 75.0 | 80.0 | 85.0 |
|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 0.0 | 97.46 | 87.86 | 76.89 | 65.76 | 54.10 | 41.44 | 28.55 | 16.81 | 6.14 |
| 30.0 | 106.36 | 97.76 | 88.02 | 77.89 | 67.30 | 55.48 | 44.05 | 32.69 | 22.10 |
| 60.0 | 113.96 | 106.13 | 97.15 | 87.86 | 77.74 | 66.68 | 55.86 | 45.35 | 34.15 |
| 90.0 | 117.87 | 110.12 | 101.52 | 92.47 | 82.72 | 71.98 | 60.09 | 49.50 | 39.67 |
| 120.0 | 112.96 | 105.05 | 96.31 | 86.48 | 76.35 | 65.30 | 53.56 | 42.44 | 33.53 |
| 150.0 | 104.90 | 96.08 | 86.64 | 75.97 | 65.38 | 54.02 | 42.05 | 30.77 | 19.80 |
| 180.0 | 95.38 | 85.41 | 74.51 | 63.31 | 51.57 | 38.83 | 26.86 | 15.81 | 5.60 |
| 210.0 | 102.91 | 94.31 | 84.10 | 73.82 | 62.77 | 50.95 | 39.52 | 28.01 | 19.34 |
| 240.0 | 112.34 | 104.06 | 95.15 | 85.64 | 75.13 | 64.23 | 53.18 | 42.36 | 33.00 |
| 270.0 | 114.65 | 106.74 | 97.84 | 88.56 | 78.43 | 67.38 | 56.71 | 46.43 | 37.75 |
| 300.0 | 113.03 | 105.05 | 95.92 | 86.33 | 75.97 | 65.00 | 53.64 | 42.90 | 33.46 |
| 330.0 | 104.52 | 95.54 | 85.56 | 75.28 | 63.77 | 52.34 | 40.98 | 29.16 | 20.03 |
| 360.0 | 97.46 | 87.86 | 76.89 | 65.76 | 54.10 | 41.44 | 28.55 | 16.81 | 6.14 |

| C/γ(°) | 90.0 |
|--------|-------|
| 0.0 | 0.61 |
| 30.0 | 15.04 |
| 60.0 | 23.33 |
| 90.0 | 33.30 |
| 120.0 | 28.01 |
| 150.0 | 14.66 |
| 180.0 | 0.92 |
| 210.0 | 15.50 |
| 240.0 | 28.78 |
| 270.0 | 33.46 |
| 300.0 | 28.62 |
| 330.0 | 15.27 |
| 360.0 | 0.61 |