
Client: 10heures10
LumCAT: IRIS C W 80 & IRIS W 80
Luminaire:
Report No:
Ballast type:
Test No: Voltage(V): 230.050
LampCAT: Current(A): 0.266
Lamp flux(lm): 4251.7 Power (W): 57.760
Number of Lamps: 1 PF: 0.944
Length(mm): -780 Width(mm): -780
Phm Type: C Height(mm): 35

Photometric Results

Lumens(lm): 4251.71, Efficiency(%): 100.00% , Luminous Efficacy(lm/W): 73.61
Central intensity(cd): 759.766, Maximum intensity(cd): 759.766
Angle of maximum intensity: C=15.0 γ =0.0
Beam Angle(50%Imax): [C0/180]Total=358.4
[C90/270]Total=358.6
Field angle(10%Imax): [C0/180]Total=N.A.
[C90/270]Total=N.A.
Maximum s/h(1/2): C0_180=1.27 C90_270=1.27
Maximum s/h(1/4): C0_180=1.39 C90_270=1.39
Up flux rate of lamp(%): 46.29%
Down flux rate of lamp(%): 53.71%
Up flux rate of LUM(%): 46.29%
Down flux rate of LUM(%): 53.71%
CIE Type : General diffuse lighting
Output flux ratio in π solid angle : 40.894%

IRIS C W 80 & IRIS W 80

Zonal flux distribution table

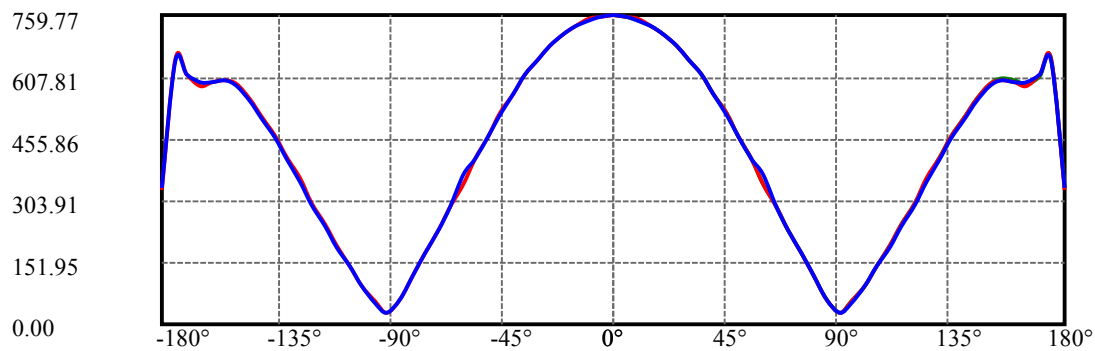
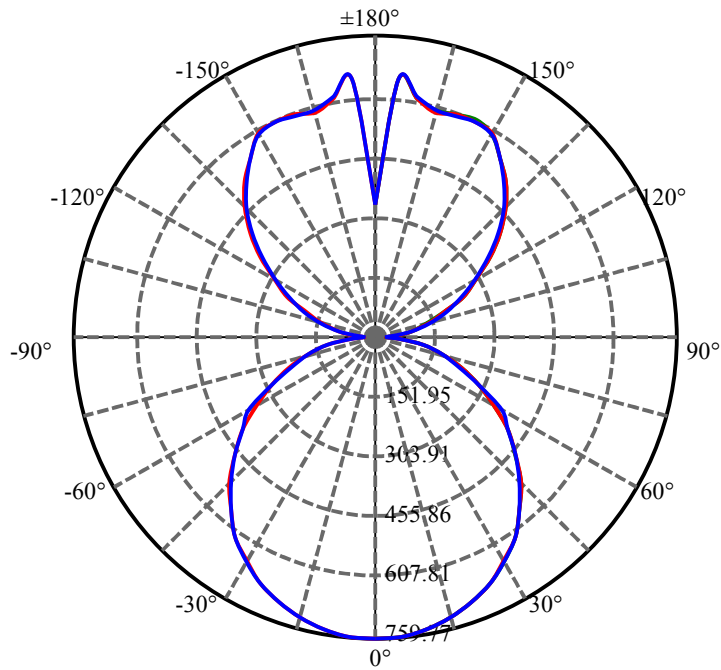
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| $\gamma(^{\circ})$ | Average I(cd) | Zonal F(lm) | Sum F(lm) | Eff Flux(%) | Eff Sum(%) |
|--------------------|---------------|-------------|-----------|-------------|------------|
| 0.0 | 759.766 | 0.000 | 0 | 0.00% | 0.00% |
| 5.0 | 756.850 | 18.131 | 18.131 | 0.43% | 0.43% |
| 10.0 | 747.921 | 53.830 | 71.961 | 1.27% | 1.69% |
| 15.0 | 732.296 | 87.805 | 159.767 | 2.07% | 3.76% |
| 20.0 | 711.331 | 118.975 | 278.742 | 2.80% | 6.56% |
| 25.0 | 684.268 | 146.373 | 425.114 | 3.44% | 10.00% |
| 30.0 | 651.170 | 169.001 | 594.115 | 3.97% | 13.97% |
| 35.0 | 612.214 | 186.042 | 780.157 | 4.38% | 18.35% |
| 40.0 | 569.137 | 197.099 | 977.257 | 4.64% | 22.99% |
| 45.0 | 516.982 | 201.104 | 1178.36 | 4.73% | 27.71% |
| 50.0 | 462.327 | 197.884 | 1376.244 | 4.65% | 32.37% |
| 55.0 | 405.220 | 188.634 | 1564.877 | 4.44% | 36.81% |
| 60.0 | 346.788 | 173.825 | 1738.702 | 4.09% | 40.89% |
| 65.0 | 287.114 | 154.103 | 1892.805 | 3.62% | 44.52% |
| 70.0 | 229.839 | 130.896 | 2023.701 | 3.08% | 47.60% |
| 75.0 | 174.607 | 105.715 | 2129.416 | 2.49% | 50.08% |
| 80.0 | 123.110 | 79.661 | 2209.077 | 1.87% | 51.96% |
| 85.0 | 61.710 | 50.220 | 2259.297 | 1.18% | 53.14% |
| 90.0 | 27.433 | 24.408 | 2283.705 | 0.57% | 53.71% |
| 95.0 | 55.842 | 22.801 | 2306.506 | 0.54% | 54.25% |
| 100.0 | 93.716 | 40.638 | 2347.145 | 0.96% | 55.20% |
| 105.0 | 141.059 | 62.819 | 2409.964 | 1.48% | 56.68% |
| 110.0 | 190.894 | 86.767 | 2496.731 | 2.04% | 58.72% |
| 115.0 | 243.345 | 109.952 | 2606.683 | 2.59% | 61.31% |
| 120.0 | 294.516 | 130.755 | 2737.438 | 3.08% | 64.38% |
| 125.0 | 353.307 | 149.743 | 2887.181 | 3.52% | 67.91% |
| 130.0 | 407.783 | 165.486 | 3052.667 | 3.89% | 71.80% |
| 135.0 | 459.052 | 175.157 | 3227.824 | 4.12% | 75.92% |
| 140.0 | 505.574 | 178.608 | 3406.432 | 4.20% | 80.12% |
| 145.0 | 550.182 | 176.145 | 3582.577 | 4.14% | 84.26% |
| 150.0 | 586.907 | 167.444 | 3750.022 | 3.94% | 88.20% |
| 155.0 | 600.593 | 150.279 | 3900.301 | 3.53% | 91.73% |
| 160.0 | 595.867 | 125.487 | 4025.787 | 2.95% | 94.69% |
| 165.0 | 590.050 | 97.736 | 4123.524 | 2.30% | 96.98% |
| 170.0 | 611.828 | 71.295 | 4194.818 | 1.68% | 98.66% |
| 175.0 | 649.767 | 45.131 | 4239.949 | 1.06% | 99.72% |
| 180.0 | 334.250 | 11.764 | 4251.713 | 0.28% | 100.00% |

| ZONAL LUMEN SUMMARY | | | |
|---------------------|---------|---------|---------|
| Zone | Lumens | %Lamp | %Fixt |
| 0-30 | 594.11 | 13.97% | 13.97% |
| 0-40 | 977.26 | 22.99% | 22.99% |
| 0-60 | 1738.70 | 40.89% | 40.89% |
| 0-90 | 2283.71 | 53.71% | 53.71% |
| 0-120 | 2737.44 | 64.38% | 64.38% |
| 0-180 | 4251.71 | 100.00% | 100.00% |
| 60-90 | 545.00 | 12.82% | 12.82% |
| 90-120 | 453.73 | 10.67% | 10.67% |
| 90-130 | 768.96 | 18.09% | 18.09% |
| 90-150 | 1466.32 | 34.49% | 34.49% |
| 90-180 | 1956.24 | 46.01% | 46.01% |
| 0-139.86 | 3401.37 | 80.00% | 80.00% |

ZONAL LUMEN SUMMARY

| | |
|---------|--------|
| 0-10 | 71.96 |
| 10-20 | 206.78 |
| 20-30 | 315.37 |
| 30-40 | 383.14 |
| 40-50 | 398.99 |
| 50-60 | 362.46 |
| 60-70 | 285.00 |
| 70-80 | 185.38 |
| 80-90 | 74.63 |
| 90-100 | 63.44 |
| 100-110 | 149.59 |
| 110-120 | 240.71 |
| 120-130 | 315.23 |
| 130-140 | 353.77 |
| 140-150 | 343.59 |
| 150-160 | 275.77 |
| 160-170 | 169.03 |
| 170-180 | 45.13 |



C15(Max): ————

C0/C180: ————

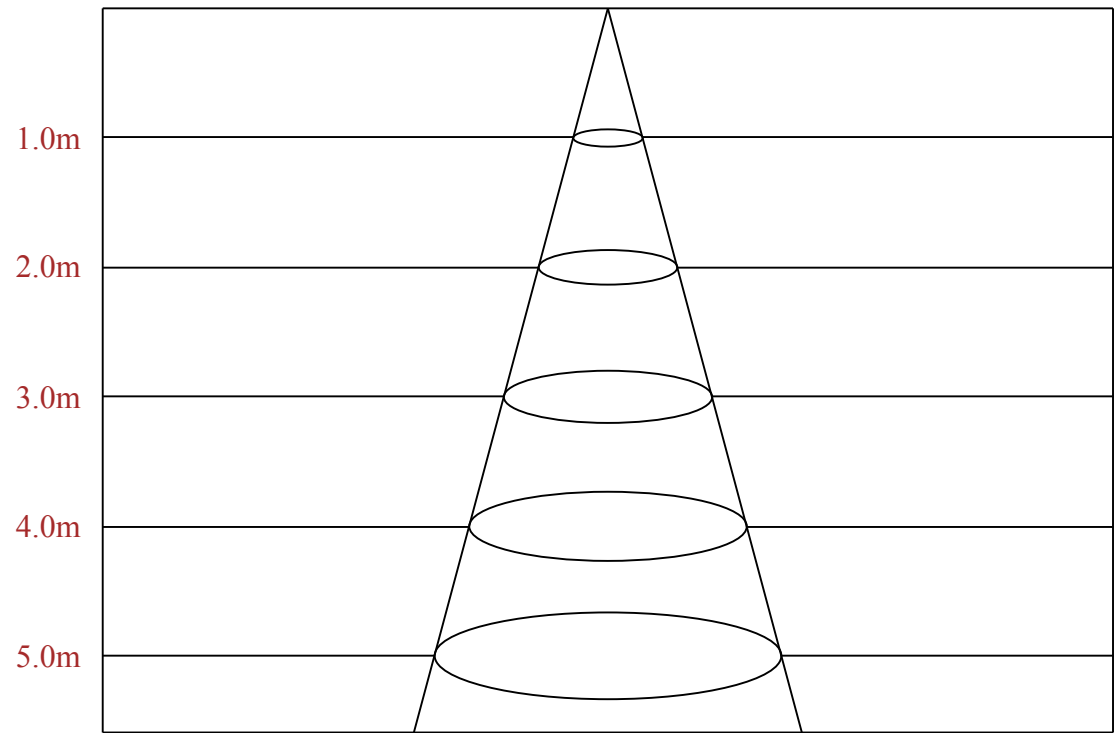
C90/C270: ————

Field angle(10%Imax):C0/180Left:0.0 Right:0.0

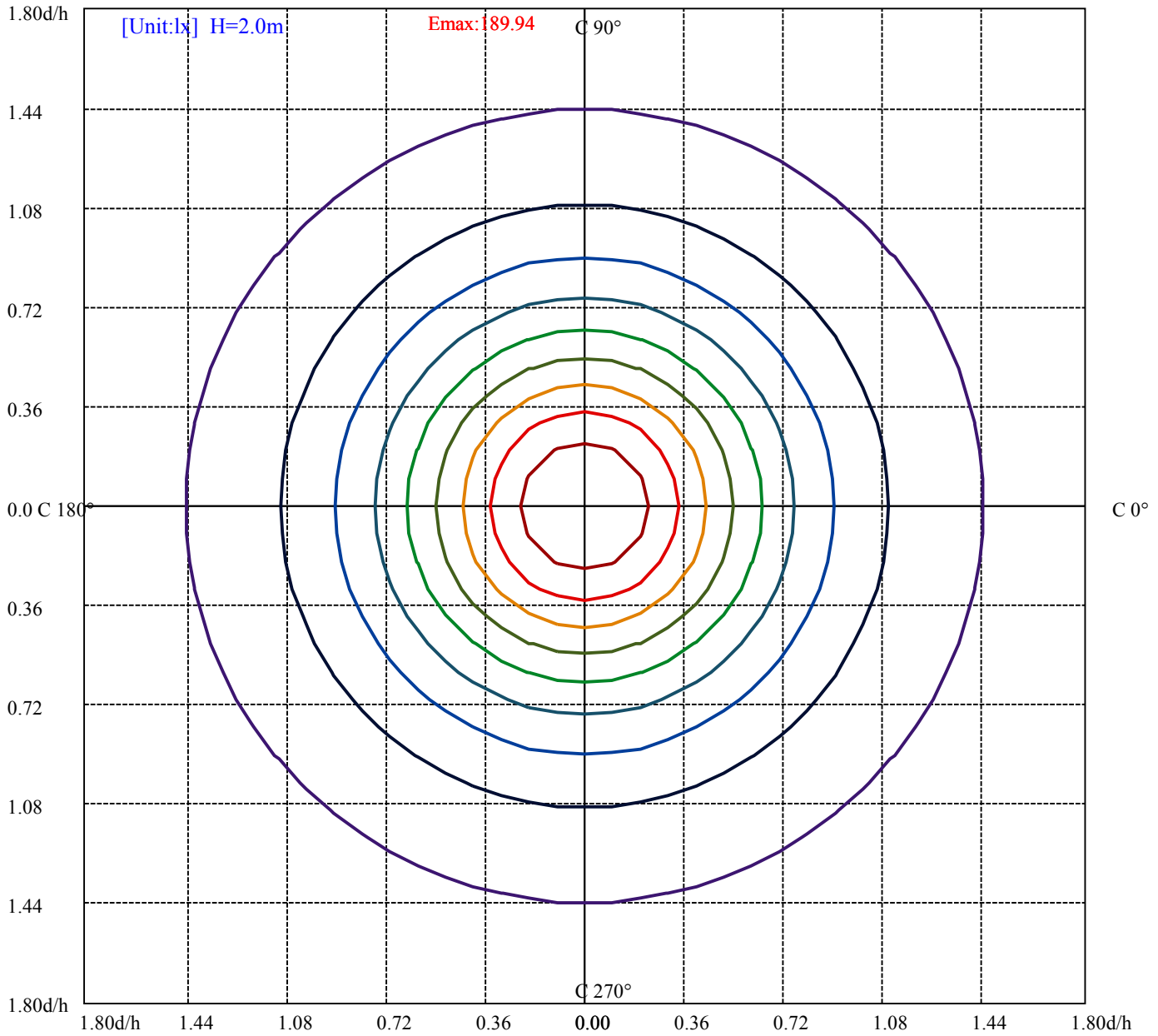
:C90/270Left:0.0 Right:0.0

Beam Angle(50%Imax):C0/180Left:179.2 Right:179.2

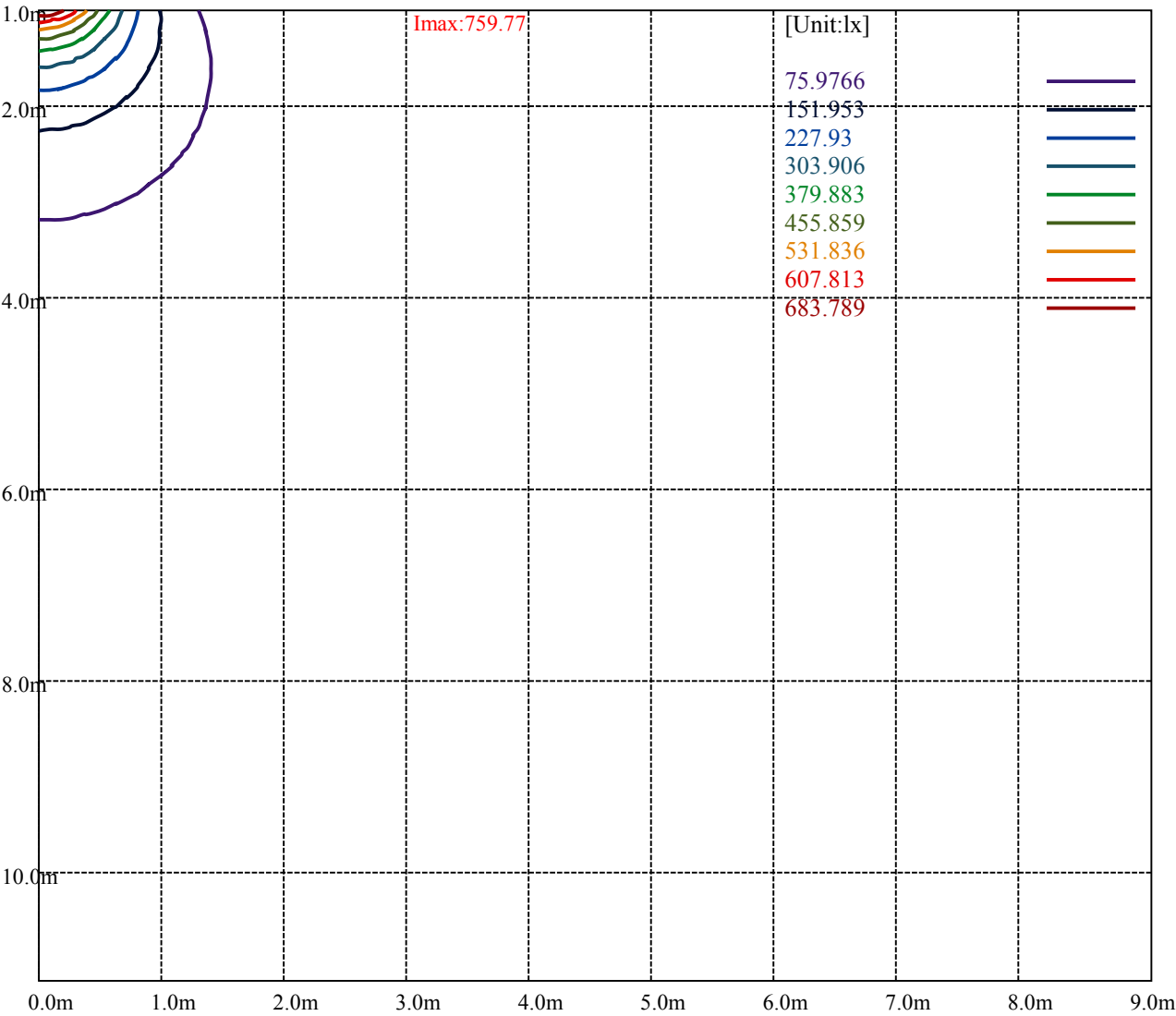
:C90/270Left:179.3 Right:179.3



Max , Ave Beam angle of C15 plane 236.56



| | |
|--------------------|---|
| (10%Emax) 18.99415 | — |
| (20%Emax) 37.98825 | — |
| (30%Emax) 56.9825 | — |
| (40%Emax) 75.9765 | — |
| (50%Emax) 94.97075 | — |
| (60%Emax) 113.9648 | — |
| (70%Emax) 132.959 | — |
| (80%Emax) 151.9532 | — |
| (90%Emax) 170.9473 | — |



Luminance Table

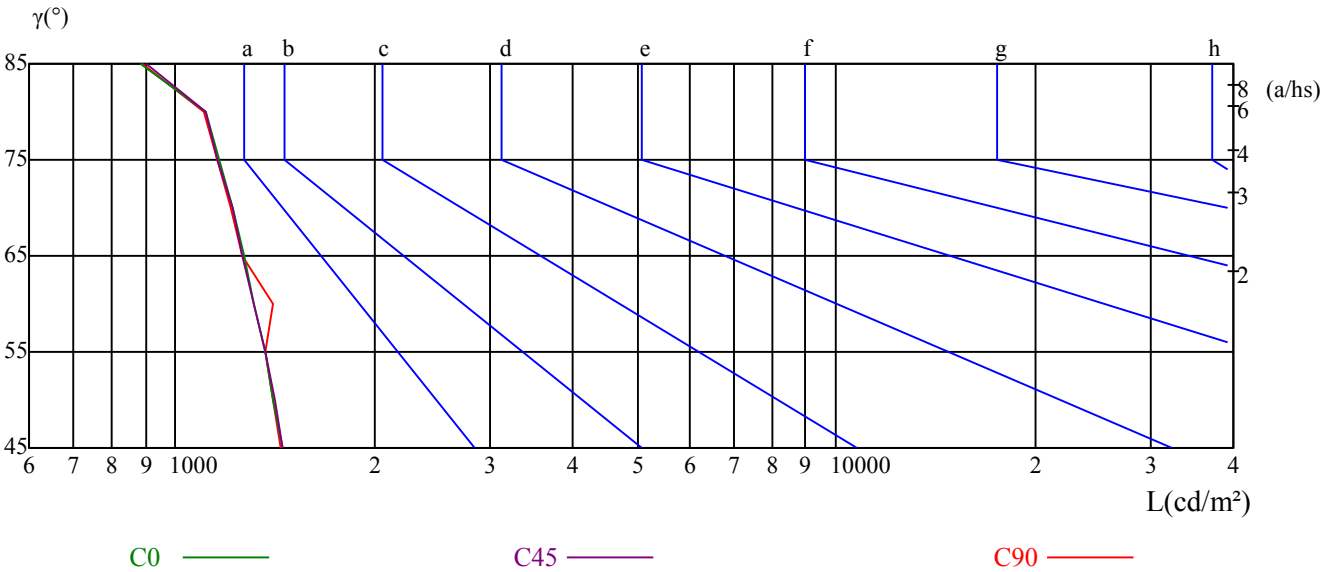
| γ | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 |
|----------|------|------|------|------|------|------|------|------|-----|
| C0 | 1448 | 1409 | 1368 | 1312 | 1273 | 1223 | 1167 | 1109 | 884 |
| C45 | 1448 | 1411 | 1365 | 1314 | 1262 | 1221 | 1158 | 1111 | 900 |
| C90 | 1446 | 1406 | 1370 | 1402 | 1264 | 1212 | 1157 | 1104 | 888 |

| L(Hor)(65) | L(Ver)(65) | L45(65) | L(Hor)(75) | L(Ver)(75) | L45(75) | L(Hor)(85) | L(Ver)(85) | L45(85) |
|------------|------------|---------|------------|------------|---------|------------|------------|---------|
| 1429 | 1419 | 1417 | 1416 | 1403 | 1405 | 1461 | 1468 | 1488 |

Glare Table

| Glare | Quality | Service Values Illuminance(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 |

Luminance Limiting Curve



IRIS C W 80 & IRIS W 80

Utilization factor table for indoor luminaire

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| RHOCC | 80 | | | 70 | | | 50 | | | 30 | | | 10 | | | 0 |
|-------|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| RHOW | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| RCR | COEFFCIENTS OF UTILIZATION RHOFC=20 CU | | | | | | | | | | | | | | | |
| 0 | 1.08 | 1.08 | 1.08 | 1.00 | 1.00 | 1.00 | 0.85 | 0.85 | 0.85 | 0.72 | 0.72 | 0.72 | 0.60 | 0.60 | 0.60 | 0.54 |
| 1 | 0.93 | 0.89 | 0.86 | 0.87 | 0.83 | 0.80 | 0.74 | 0.71 | 0.69 | 0.62 | 0.61 | 0.59 | 0.52 | 0.50 | 0.49 | 0.44 |
| 2 | 0.81 | 0.75 | 0.69 | 0.75 | 0.70 | 0.65 | 0.64 | 0.60 | 0.57 | 0.54 | 0.51 | 0.49 | 0.45 | 0.43 | 0.41 | 0.36 |
| 3 | 0.71 | 0.63 | 0.57 | 0.66 | 0.59 | 0.54 | 0.57 | 0.51 | 0.47 | 0.48 | 0.44 | 0.41 | 0.40 | 0.37 | 0.34 | 0.30 |
| 4 | 0.63 | 0.55 | 0.48 | 0.58 | 0.51 | 0.46 | 0.50 | 0.44 | 0.40 | 0.42 | 0.38 | 0.35 | 0.35 | 0.32 | 0.29 | 0.26 |
| 5 | 0.56 | 0.47 | 0.41 | 0.52 | 0.45 | 0.39 | 0.45 | 0.39 | 0.34 | 0.38 | 0.33 | 0.30 | 0.32 | 0.28 | 0.25 | 0.22 |
| 6 | 0.50 | 0.42 | 0.36 | 0.47 | 0.39 | 0.34 | 0.40 | 0.34 | 0.30 | 0.34 | 0.30 | 0.26 | 0.29 | 0.25 | 0.22 | 0.19 |
| 7 | 0.45 | 0.37 | 0.31 | 0.42 | 0.35 | 0.30 | 0.36 | 0.31 | 0.26 | 0.31 | 0.26 | 0.23 | 0.26 | 0.23 | 0.20 | 0.17 |
| 8 | 0.41 | 0.33 | 0.28 | 0.38 | 0.31 | 0.26 | 0.33 | 0.27 | 0.23 | 0.28 | 0.24 | 0.20 | 0.24 | 0.20 | 0.18 | 0.15 |
| 9 | 0.37 | 0.30 | 0.24 | 0.35 | 0.28 | 0.23 | 0.30 | 0.25 | 0.21 | 0.26 | 0.22 | 0.18 | 0.22 | 0.19 | 0.16 | 0.14 |
| 10 | 0.34 | 0.27 | 0.22 | 0.32 | 0.25 | 0.21 | 0.28 | 0.22 | 0.19 | 0.24 | 0.20 | 0.17 | 0.20 | 0.17 | 0.14 | 0.12 |

新特丽 IRIS C W 80&IRIS W 80

| Intensity data(cd) | | | | | | | | | Appendix Page: 10 Total:12 | | |
|--------------------|--------|--------|--------|--------|--------|--------|--------|--------|----------------------------|--|--|
| C/ γ (°) | 0.0 | 5.0 | 10.0 | 15.0 | 20.0 | 25.0 | 30.0 | 35.0 | 40.0 | | |
| 0.0 | 759.77 | 758.24 | 751.59 | 737.75 | 718.52 | 693.27 | 661.82 | 625.96 | 583.55 | | |
| 15.0 | 759.77 | 758.78 | 751.77 | 738.64 | 718.78 | 694.59 | 663.40 | 626.01 | 583.22 | | |
| 30.0 | 759.77 | 759.05 | 752.04 | 738.91 | 720.48 | 694.50 | 664.84 | 627.71 | 584.84 | | |
| 45.0 | 759.77 | 758.87 | 752.67 | 738.56 | 719.96 | 695.25 | 664.44 | 626.97 | 584.56 | | |
| 60.0 | 759.77 | 759.23 | 752.49 | 739.01 | 721.05 | 695.17 | 665.61 | 628.51 | 585.93 | | |
| 75.0 | 759.77 | 759.32 | 753.12 | 739.82 | 720.95 | 696.24 | 665.15 | 629.84 | 585.10 | | |
| 90.0 | 759.77 | 759.23 | 752.94 | 739.55 | 720.33 | 696.89 | 666.25 | 629.07 | 586.13 | | |
| 105.0 | 759.77 | 759.32 | 752.58 | 739.74 | 720.53 | 695.66 | 664.86 | 628.05 | 586.93 | | |
| 120.0 | 759.77 | 759.14 | 753.12 | 739.03 | 721.16 | 696.21 | 665.41 | 628.34 | 585.51 | | |
| 135.0 | 759.77 | 758.78 | 752.32 | 739.31 | 719.92 | 694.71 | 663.48 | 628.22 | 585.42 | | |
| 150.0 | 759.77 | 758.60 | 752.32 | 739.03 | 700.89 | 695.05 | 664.00 | 626.48 | 583.85 | | |
| 165.0 | 759.77 | 758.51 | 751.86 | 739.12 | 719.90 | 694.85 | 663.52 | 625.81 | 580.46 | | |
| 180.0 | 759.77 | 755.27 | 744.58 | 726.79 | 704.68 | 675.66 | 639.98 | 598.92 | 551.83 | | |
| 195.0 | 759.77 | 755.00 | 744.21 | 726.78 | 703.67 | 674.37 | 640.21 | 599.22 | 552.21 | | |
| 210.0 | 759.77 | 754.73 | 743.76 | 725.70 | 703.40 | 674.37 | 638.41 | 597.24 | 550.41 | | |
| 225.0 | 759.77 | 754.82 | 743.41 | 725.80 | 702.26 | 673.06 | 637.12 | 598.04 | 550.96 | | |
| 240.0 | 759.77 | 754.38 | 743.33 | 724.91 | 702.54 | 673.52 | 637.41 | 596.08 | 549.36 | | |
| 255.0 | 759.77 | 754.82 | 743.32 | 725.26 | 701.99 | 672.61 | 638.38 | 594.98 | 550.15 | | |
| 270.0 | 759.77 | 754.56 | 742.70 | 724.73 | 702.37 | 671.46 | 637.24 | 596.10 | 548.76 | | |
| 285.0 | 759.77 | 754.92 | 742.98 | 725.20 | 701.41 | 671.87 | 636.13 | 594.92 | 585.13 | | |
| 300.0 | 759.77 | 754.47 | 742.62 | 724.66 | 719.82 | 672.32 | 636.41 | 595.21 | 550.68 | | |
| 315.0 | 759.77 | 754.47 | 742.90 | 725.13 | 701.08 | 673.44 | 635.76 | 596.90 | 550.24 | | |
| 330.0 | 759.77 | 754.92 | 743.70 | 725.12 | 702.77 | 673.51 | 637.79 | 596.95 | 550.55 | | |
| 345.0 | 759.77 | 755.01 | 743.78 | 726.55 | 703.47 | 673.84 | 640.44 | 597.61 | 553.53 | | |
| 360.0 | 759.77 | 758.24 | 751.59 | 737.75 | 718.52 | 693.27 | 661.82 | 625.96 | 583.55 | | |
| C/ γ (°) | 45.0 | 50.0 | 55.0 | 60.0 | 65.0 | 70.0 | 75.0 | 80.0 | 85.0 | | |
| 0.0 | 534.94 | 481.20 | 424.23 | 364.83 | 308.40 | 250.26 | 193.29 | 138.38 | 87.34 | | |
| 15.0 | 534.50 | 483.62 | 426.81 | 367.30 | 308.24 | 250.17 | 193.00 | 140.05 | 89.35 | | |
| 30.0 | 536.56 | 483.26 | 426.18 | 366.67 | 310.58 | 249.63 | 195.16 | 139.60 | 88.27 | | |
| 45.0 | 535.77 | 485.19 | 428.04 | 368.29 | 308.99 | 250.86 | 193.80 | 141.06 | 89.49 | | |
| 60.0 | 537.41 | 483.42 | 429.07 | 366.36 | 310.03 | 251.91 | 195.31 | 139.70 | 87.95 | | |
| 75.0 | 538.83 | 485.01 | 427.50 | 367.84 | 308.09 | 249.87 | 196.14 | 140.52 | 88.77 | | |
| 90.0 | 537.08 | 482.92 | 428.21 | 368.47 | 308.56 | 250.44 | 194.12 | 141.30 | 86.68 | | |
| 105.0 | 535.21 | 483.85 | 426.03 | 366.24 | 306.53 | 248.17 | 194.48 | 139.17 | 87.36 | | |
| 120.0 | 536.14 | 481.82 | 426.70 | 364.04 | 307.12 | 248.86 | 192.30 | 137.00 | 88.25 | | |
| 135.0 | 536.33 | 482.22 | 424.35 | 364.49 | 304.64 | 249.73 | 193.01 | 137.29 | 86.23 | | |
| 150.0 | 535.02 | 480.72 | 425.43 | 365.30 | 305.52 | 247.63 | 193.69 | 135.98 | 86.88 | | |
| 165.0 | 535.30 | 481.07 | 422.98 | 363.09 | 306.53 | 245.38 | 191.96 | 137.01 | 84.94 | | |
| 180.0 | 499.62 | 443.19 | 386.85 | 324.21 | 268.86 | 212.25 | 156.99 | 105.32 | 34.33 | | |
| 195.0 | 499.98 | 443.53 | 384.29 | 324.87 | 266.26 | 209.90 | 155.06 | 103.47 | 35.15 | | |
| 210.0 | 497.91 | 441.10 | 384.92 | 325.32 | 267.25 | 210.62 | 155.87 | 104.27 | 33.44 | | |
| 225.0 | 498.66 | 442.15 | 382.94 | 323.37 | 265.06 | 211.42 | 153.91 | 104.76 | 34.50 | | |
| 240.0 | 496.99 | 440.30 | 384.24 | 321.71 | 266.37 | 209.68 | 154.70 | 103.13 | 33.60 | | |
| 255.0 | 495.16 | 441.25 | 382.49 | 323.10 | 264.70 | 207.91 | 155.35 | 140.88 | 33.96 | | |
| 270.0 | 496.03 | 439.44 | 383.84 | 367.49 | 264.54 | 207.77 | 152.98 | 101.33 | 35.57 | | |
| 285.0 | 496.51 | 439.86 | 380.87 | 321.34 | 263.07 | 209.38 | 154.70 | 102.89 | 34.93 | | |
| 300.0 | 495.92 | 441.69 | 383.07 | 323.64 | 265.46 | 208.73 | 153.96 | 102.70 | 37.71 | | |
| 315.0 | 498.11 | 441.66 | 383.16 | 323.49 | 265.52 | 211.68 | 154.25 | 105.26 | 37.60 | | |
| 330.0 | 498.04 | 441.95 | 386.21 | 323.83 | 268.45 | 211.82 | 156.98 | 105.46 | 37.25 | | |
| 345.0 | 501.54 | 445.43 | 386.89 | 327.63 | 271.96 | 212.07 | 159.55 | 108.10 | 41.48 | | |
| 360.0 | 534.94 | 481.20 | 424.23 | 364.83 | 308.40 | 250.26 | 193.29 | 138.38 | 87.34 | | |

IRIS C W 80 & IRIS W 80

| Intensity data(cd) | | | | | | | | | | Appendix Page: 11 Total:12 | |
|--------------------|-------|-------|--------|--------|--------|--------|--------|--------|--------|----------------------------|--|
| C/γ(°) | 90.0 | 95.0 | 100.0 | 105.0 | 110.0 | 115.0 | 120.0 | 125.0 | 130.0 | | |
| 0.0 | 26.60 | 44.39 | 79.80 | 125.44 | 171.99 | 222.85 | 274.25 | 334.28 | 388.28 | | |
| 15.0 | 25.98 | 41.08 | 80.00 | 123.24 | 172.05 | 220.41 | 274.35 | 331.07 | 387.16 | | |
| 30.0 | 25.53 | 41.71 | 78.21 | 121.35 | 169.36 | 220.06 | 271.38 | 330.35 | 383.84 | | |
| 45.0 | 26.42 | 38.73 | 78.71 | 118.87 | 170.44 | 218.78 | 272.51 | 327.77 | 382.58 | | |
| 60.0 | 27.22 | 40.70 | 77.35 | 120.20 | 170.06 | 221.45 | 271.40 | 328.72 | 381.10 | | |
| 75.0 | 26.69 | 37.38 | 72.60 | 119.50 | 168.83 | 220.22 | 270.99 | 327.05 | 381.23 | | |
| 90.0 | 27.04 | 34.94 | 77.16 | 119.74 | 169.86 | 221.34 | 269.39 | 326.61 | 383.48 | | |
| 105.0 | 26.13 | 37.80 | 78.38 | 118.79 | 168.89 | 220.51 | 271.51 | 330.23 | 386.62 | | |
| 120.0 | 26.03 | 37.26 | 78.37 | 121.91 | 169.05 | 223.36 | 273.99 | 330.46 | 388.64 | | |
| 135.0 | 24.77 | 42.44 | 78.96 | 122.75 | 172.91 | 225.23 | 278.98 | 332.46 | 389.53 | | |
| 150.0 | 23.78 | 43.80 | 81.68 | 125.83 | 175.47 | 225.10 | 280.03 | 336.58 | 394.11 | | |
| 165.0 | 23.34 | 48.66 | 81.35 | 125.79 | 176.43 | 229.13 | 281.75 | 341.99 | 395.77 | | |
| 180.0 | 28.22 | 70.45 | 109.99 | 160.31 | 211.98 | 267.51 | 320.17 | 378.31 | 432.05 | | |
| 195.0 | 29.39 | 69.85 | 112.54 | 162.34 | 210.89 | 266.44 | 322.26 | 380.06 | 433.46 | | |
| 210.0 | 30.29 | 71.82 | 113.35 | 161.36 | 212.41 | 267.25 | 322.80 | 376.20 | 432.47 | | |
| 225.0 | 29.47 | 72.96 | 113.12 | 161.64 | 212.58 | 265.33 | 279.97 | 375.57 | 434.60 | | |
| 240.0 | 30.10 | 71.51 | 81.93 | 161.89 | 209.68 | 265.65 | 318.03 | 376.87 | 431.85 | | |
| 255.0 | 29.92 | 73.05 | 111.95 | 162.63 | 210.97 | 263.71 | 318.52 | 376.38 | 428.13 | | |
| 270.0 | 30.18 | 72.13 | 113.36 | 160.34 | 211.46 | 264.27 | 315.93 | 374.22 | 427.67 | | |
| 285.0 | 29.09 | 73.18 | 112.95 | 159.10 | 210.19 | 263.25 | 317.66 | 374.94 | 426.93 | | |
| 300.0 | 28.28 | 68.77 | 110.69 | 159.98 | 210.43 | 264.12 | 315.83 | 375.08 | 423.29 | | |
| 315.0 | 28.45 | 66.94 | 111.54 | 157.93 | 211.14 | 261.12 | 316.31 | 372.93 | 425.51 | | |
| 330.0 | 27.55 | 71.44 | 107.88 | 157.52 | 208.95 | 261.63 | 316.83 | 370.41 | 423.73 | | |
| 345.0 | 27.92 | 69.22 | 107.29 | 156.95 | 205.43 | 261.55 | 313.53 | 370.81 | 424.78 | | |
| 360.0 | 26.60 | 44.39 | 79.80 | 125.44 | 171.99 | 222.85 | 274.25 | 334.28 | 388.28 | | |

| C/γ(°) | 135.0 | 140.0 | 145.0 | 150.0 | 155.0 | 160.0 | 165.0 | 170.0 | 175.0 | | |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|--|
| 0.0 | 441.12 | 491.35 | 536.37 | 575.73 | 595.68 | 596.58 | 574.47 | 603.05 | 639.89 | | |
| 15.0 | 436.69 | 489.19 | 531.71 | 572.34 | 596.16 | 595.71 | 574.86 | 599.04 | 641.47 | | |
| 30.0 | 436.60 | 485.78 | 531.62 | 568.39 | 595.17 | 596.70 | 575.40 | 597.96 | 637.42 | | |
| 45.0 | 433.52 | 482.94 | 529.93 | 571.53 | 595.52 | 597.32 | 578.36 | 598.04 | 635.32 | | |
| 60.0 | 433.56 | 485.40 | 532.29 | 571.64 | 597.70 | 600.39 | 583.77 | 603.90 | 633.63 | | |
| 75.0 | 436.22 | 484.11 | 533.53 | 577.46 | 602.62 | 604.51 | 586.36 | 605.05 | 634.97 | | |
| 90.0 | 436.12 | 485.34 | 530.88 | 574.27 | 598.88 | 599.42 | 585.59 | 607.06 | 633.38 | | |
| 105.0 | 437.17 | 486.73 | 533.33 | 575.17 | 598.60 | 597.88 | 583.79 | 608.66 | 636.13 | | |
| 120.0 | 440.88 | 491.70 | 533.89 | 575.55 | 600.86 | 598.89 | 582.10 | 608.94 | 636.77 | | |
| 135.0 | 442.56 | 492.90 | 538.04 | 578.24 | 601.93 | 600.58 | 582.90 | 604.80 | 636.02 | | |
| 150.0 | 447.15 | 494.99 | 538.70 | 576.22 | 603.32 | 601.98 | 583.67 | 603.59 | 633.21 | | |
| 165.0 | 448.93 | 499.48 | 543.47 | 581.09 | 606.32 | 603.72 | 586.75 | 605.78 | 633.26 | | |
| 180.0 | 482.91 | 528.38 | 568.27 | 604.85 | 605.39 | 596.31 | 599.46 | 619.76 | 661.73 | | |
| 195.0 | 487.03 | 530.09 | 571.98 | 606.59 | 606.86 | 607.31 | 600.57 | 618.91 | 663.67 | | |
| 210.0 | 482.99 | 493.69 | 567.76 | 601.56 | 602.37 | 592.75 | 599.85 | 620.16 | 662.95 | | |
| 225.0 | 482.49 | 527.42 | 567.85 | 600.46 | 602.44 | 591.75 | 597.77 | 618.34 | 665.60 | | |
| 240.0 | 483.33 | 527.53 | 568.23 | 598.77 | 600.84 | 589.70 | 598.06 | 618.54 | 666.96 | | |
| 255.0 | 478.90 | 525.71 | 567.94 | 600.91 | 603.52 | 591.12 | 597.68 | 623.73 | 664.97 | | |
| 270.0 | 476.36 | 524.60 | 566.55 | 598.70 | 601.58 | 589.90 | 600.32 | 621.52 | 663.83 | | |
| 285.0 | 473.17 | 524.53 | 564.30 | 598.24 | 600.76 | 590.25 | 599.68 | 621.32 | 663.52 | | |
| 300.0 | 475.18 | 521.95 | 563.79 | 594.85 | 599.34 | 590.09 | 599.43 | 622.05 | 661.82 | | |
| 315.0 | 474.60 | 520.27 | 563.79 | 596.63 | 601.30 | 590.89 | 598.43 | 618.98 | 661.33 | | |
| 330.0 | 474.08 | 519.58 | 559.17 | 592.73 | 597.40 | 588.16 | 597.04 | 619.03 | 660.68 | | |
| 345.0 | 475.68 | 520.13 | 560.98 | 593.84 | 599.68 | 588.90 | 594.92 | 615.66 | 665.85 | | |
| 360.0 | 441.12 | 491.35 | 536.37 | 575.73 | 595.68 | 596.58 | 574.47 | 603.05 | 639.89 | | |

IRIS C W 80 & IRIS W 80

Intensity data(cd)

Appendix Page: 12 Total:12

| | |
|-----------------|--------|
| C/ γ (°) | 180.0 |
| 0.0 | 663.80 |
| 15.0 | 668.35 |
| 30.0 | 671.67 |
| 45.0 | 671.44 |
| 60.0 | 667.68 |
| 75.0 | 667.40 |
| 90.0 | 667.60 |
| 105.0 | 666.12 |
| 120.0 | 667.03 |
| 135.0 | 669.05 |
| 150.0 | 671.90 |
| 165.0 | 669.98 |
| 180.0 | 0.00 |
| 195.0 | 0.00 |
| 210.0 | 0.00 |
| 225.0 | 0.00 |
| 240.0 | 0.00 |
| 255.0 | 0.00 |
| 270.0 | 0.00 |
| 285.0 | 0.00 |
| 300.0 | 0.00 |
| 315.0 | 0.00 |
| 330.0 | 0.00 |
| 345.0 | 0.00 |
| 360.0 | 663.80 |