

| $\gamma(^{\circ})$ | Average I(cd) | Zonal F(lm) | Sum F(lm) | Eff Flux(%) | Eff Sum(%) |
|--------------------|---------------|-------------|-----------|-------------|------------|
| 0.0 | 8080.242 | 0.000 | 0 | 0.00% | 0.00% |
| 1.0 | 8046.199 | 7.716 | 7.716 | 0.25% | 0.27% |
| 2.0 | 7930.095 | 22.931 | 30.647 | 0.75% | 1.09% |
| 3.0 | 7754.486 | 37.512 | 68.159 | 1.23% | 2.41% |
| 4.0 | 7530.996 | 51.165 | 119.325 | 1.68% | 4.23% |
| 5.0 | 7237.414 | 63.533 | 182.858 | 2.08% | 6.48% |
| 6.0 | 6926.258 | 74.434 | 257.291 | 2.44% | 9.12% |
| 7.0 | 6571.579 | 83.781 | 341.072 | 2.75% | 12.08% |
| 8.0 | 6178.776 | 91.252 | 432.324 | 2.99% | 15.32% |
| 9.0 | 5769.782 | 96.837 | 529.161 | 3.18% | 18.75% |
| 10.0 | 5361.411 | 100.733 | 629.894 | 3.31% | 22.32% |
| 11.0 | 4999.606 | 103.528 | 733.422 | 3.40% | 25.98% |
| 12.0 | 4612.408 | 105.073 | 838.495 | 3.45% | 29.71% |
| 13.0 | 4292.602 | 105.680 | 944.175 | 3.47% | 33.45% |
| 14.0 | 3956.675 | 105.590 | 1049.765 | 3.46% | 37.19% |
| 15.0 | 3647.525 | 104.394 | 1154.159 | 3.43% | 40.89% |
| 16.0 | 3369.235 | 102.815 | 1256.974 | 3.37% | 44.53% |
| 17.0 | 3089.907 | 100.586 | 1357.56 | 3.30% | 48.10% |
| 18.0 | 2847.458 | 97.894 | 1455.454 | 3.21% | 51.56% |
| 19.0 | 2634.001 | 95.366 | 1550.821 | 3.13% | 54.94% |
| 20.0 | 2424.073 | 92.577 | 1643.397 | 3.04% | 58.22% |
| 21.0 | 2244.243 | 89.641 | 1733.038 | 2.94% | 61.40% |
| 22.0 | 2061.991 | 86.536 | 1819.574 | 2.84% | 64.47% |
| 23.0 | 1911.083 | 83.366 | 1902.94 | 2.74% | 67.42% |
| 24.0 | 1761.421 | 80.294 | 1983.234 | 2.63% | 70.26% |
| 25.0 | 1629.748 | 77.108 | 2060.342 | 2.53% | 73.00% |
| 26.0 | 1473.015 | 73.241 | 2133.583 | 2.40% | 75.59% |
| 27.0 | 1325.587 | 68.468 | 2202.051 | 2.25% | 78.02% |
| 28.0 | 1201.810 | 63.988 | 2266.04 | 2.10% | 80.28% |
| 29.0 | 1111.964 | 60.535 | 2326.574 | 1.99% | 82.43% |
| 30.0 | 999.029 | 56.996 | 2383.571 | 1.87% | 84.45% |
| 31.0 | 875.708 | 52.171 | 2435.742 | 1.71% | 86.30% |
| 32.0 | 761.486 | 46.904 | 2482.646 | 1.54% | 87.96% |
| 33.0 | 647.326 | 41.504 | 2524.15 | 1.36% | 89.43% |
| 34.0 | 540.244 | 35.939 | 2560.089 | 1.18% | 90.70% |
| 35.0 | 452.211 | 30.822 | 2590.911 | 1.01% | 91.79% |
| 36.0 | 366.392 | 26.065 | 2616.976 | 0.86% | 92.72% |
| 37.0 | 297.297 | 21.646 | 2638.621 | 0.71% | 93.48% |

| $\gamma(^{\circ})$ | Average I(cd) | Zonal F(lm) | Sum F(lm) | Eff Flux(%) | Eff Sum(%) |
|--------------------|---------------|-------------|-----------|-------------|------------|
| 38.0 | 245.272 | 18.110 | 2656.732 | 0.59% | 94.12% |
| 39.0 | 210.620 | 15.561 | 2672.292 | 0.51% | 94.68% |
| 40.0 | 154.485 | 12.734 | 2685.026 | 0.42% | 95.13% |
| 41.0 | 114.741 | 9.587 | 2694.613 | 0.31% | 95.47% |
| 42.0 | 92.703 | 7.537 | 2702.15 | 0.25% | 95.73% |
| 43.0 | 77.578 | 6.308 | 2708.458 | 0.21% | 95.96% |
| 44.0 | 66.217 | 5.427 | 2713.885 | 0.18% | 96.15% |
| 45.0 | 58.059 | 4.776 | 2718.661 | 0.16% | 96.32% |
| 46.0 | 51.804 | 4.297 | 2722.957 | 0.14% | 96.47% |
| 47.0 | 47.078 | 3.933 | 2726.89 | 0.13% | 96.61% |
| 48.0 | 43.273 | 3.652 | 2730.543 | 0.12% | 96.74% |
| 49.0 | 40.574 | 3.443 | 2733.986 | 0.11% | 96.86% |
| 50.0 | 38.249 | 3.286 | 2737.272 | 0.11% | 96.98% |
| 51.0 | 36.561 | 3.165 | 2740.437 | 0.10% | 97.09% |
| 52.0 | 35.343 | 3.085 | 2743.523 | 0.10% | 97.20% |
| 53.0 | 34.506 | 3.038 | 2746.561 | 0.10% | 97.31% |
| 54.0 | 33.939 | 3.017 | 2749.578 | 0.10% | 97.41% |
| 55.0 | 33.517 | 3.011 | 2752.589 | 0.10% | 97.52% |
| 56.0 | 33.226 | 3.016 | 2755.605 | 0.10% | 97.63% |
| 57.0 | 32.880 | 3.023 | 2758.628 | 0.10% | 97.73% |
| 58.0 | 32.520 | 3.024 | 2761.652 | 0.10% | 97.84% |
| 59.0 | 32.008 | 3.017 | 2764.669 | 0.10% | 97.95% |
| 60.0 | 31.199 | 2.986 | 2767.655 | 0.10% | 98.05% |
| 61.0 | 30.092 | 2.925 | 2770.58 | 0.10% | 98.16% |
| 62.0 | 28.805 | 2.838 | 2773.418 | 0.09% | 98.26% |
| 63.0 | 27.386 | 2.733 | 2776.151 | 0.09% | 98.36% |
| 64.0 | 25.788 | 2.609 | 2778.76 | 0.09% | 98.45% |
| 65.0 | 24.328 | 2.480 | 2781.24 | 0.08% | 98.54% |
| 66.0 | 22.826 | 2.353 | 2783.593 | 0.08% | 98.62% |
| 67.0 | 21.408 | 2.224 | 2785.817 | 0.07% | 98.70% |
| 68.0 | 20.239 | 2.110 | 2787.927 | 0.07% | 98.77% |
| 69.0 | 19.235 | 2.014 | 2789.94 | 0.07% | 98.84% |
| 70.0 | 18.467 | 1.936 | 2791.877 | 0.06% | 98.91% |
| 71.0 | 17.865 | 1.878 | 2793.755 | 0.06% | 98.98% |
| 72.0 | 17.319 | 1.829 | 2795.584 | 0.06% | 99.04% |
| 73.0 | 16.869 | 1.788 | 2797.372 | 0.06% | 99.11% |
| 74.0 | 16.405 | 1.749 | 2799.121 | 0.06% | 99.17% |
| 75.0 | 15.963 | 1.710 | 2800.831 | 0.06% | 99.23% |

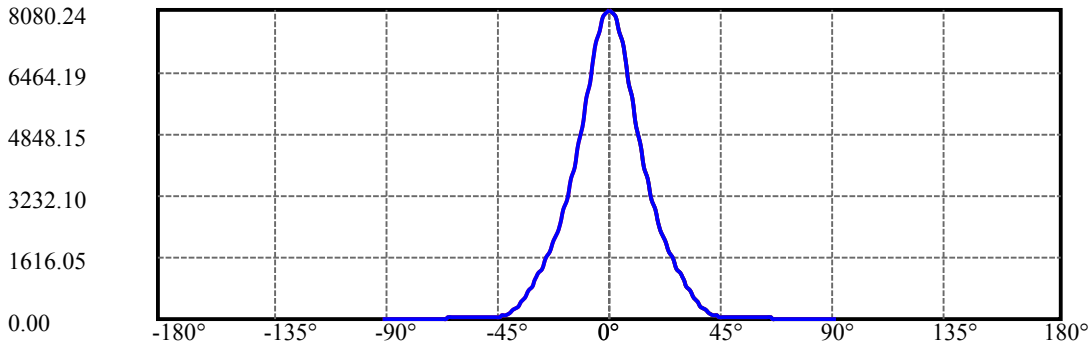
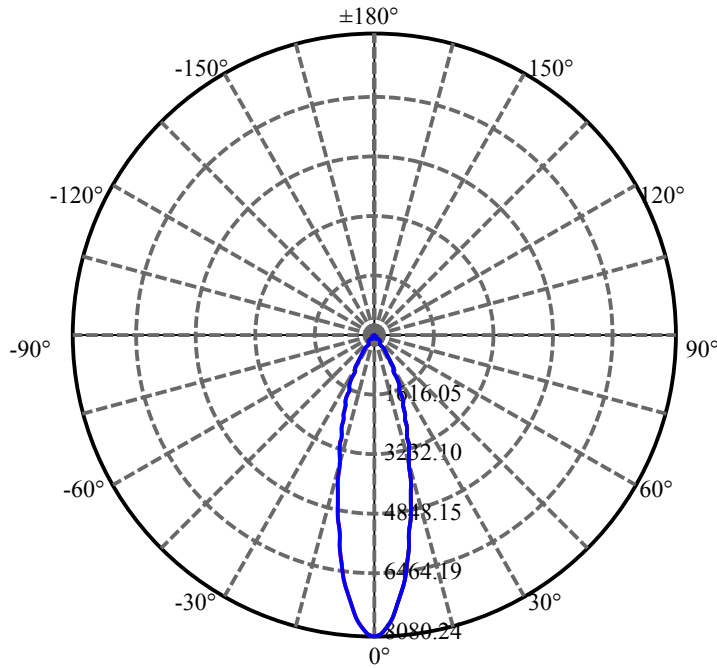
| $\gamma(^{\circ})$ | Average I(cd) | Zonal F(lm) | Sum F(lm) | Eff Flux(%) | Eff Sum(%) |
|--------------------|---------------|-------------|-----------|-------------|------------|
| 76.0 | 15.561 | 1.673 | 2802.505 | 0.05% | 99.29% |
| 77.0 | 15.195 | 1.640 | 2804.144 | 0.05% | 99.35% |
| 78.0 | 14.800 | 1.606 | 2805.75 | 0.05% | 99.40% |
| 79.0 | 14.413 | 1.570 | 2807.32 | 0.05% | 99.46% |
| 80.0 | 14.053 | 1.535 | 2808.854 | 0.05% | 99.51% |
| 81.0 | 13.707 | 1.501 | 2810.356 | 0.05% | 99.57% |
| 82.0 | 13.368 | 1.468 | 2811.824 | 0.05% | 99.62% |
| 83.0 | 13.063 | 1.437 | 2813.261 | 0.05% | 99.67% |
| 84.0 | 12.766 | 1.407 | 2814.668 | 0.05% | 99.72% |
| 85.0 | 12.510 | 1.380 | 2816.047 | 0.05% | 99.77% |
| 86.0 | 12.261 | 1.354 | 2817.401 | 0.04% | 99.82% |
| 87.0 | 12.019 | 1.329 | 2818.73 | 0.04% | 99.86% |
| 88.0 | 11.756 | 1.302 | 2820.032 | 0.04% | 99.91% |
| 89.0 | 11.548 | 1.277 | 2821.31 | 0.04% | 99.96% |
| 90.0 | 11.465 | 1.262 | 2822.571 | 0.04% | 100.00% |

ZONAL LUMEN SUMMARY

| Zone | Lumens | %Lamp | %Fixt |
|---------|---------|--------|---------|
| 0-30 | 2383.57 | 78.21% | 84.45% |
| 0-40 | 2685.03 | 88.10% | 95.13% |
| 0-60 | 2767.65 | 90.81% | 98.05% |
| 0-90 | 2821.31 | 92.57% | 99.96% |
| 0-120 | 2821.31 | 92.57% | 99.96% |
| 0-180 | 2822.57 | 92.61% | 100.00% |
| 60-90 | 53.65 | 1.76% | 1.90% |
| 90-120 | 0.00 | 0.00% | 0.00% |
| 90-130 | 0.00 | 0.00% | 0.00% |
| 90-150 | 0.00 | 0.00% | 0.00% |
| 90-180 | 0.00 | 0.00% | 0.00% |
| 0-27.88 | 2258.06 | 74.09% | 80.00% |

ZONAL LUMEN SUMMARY

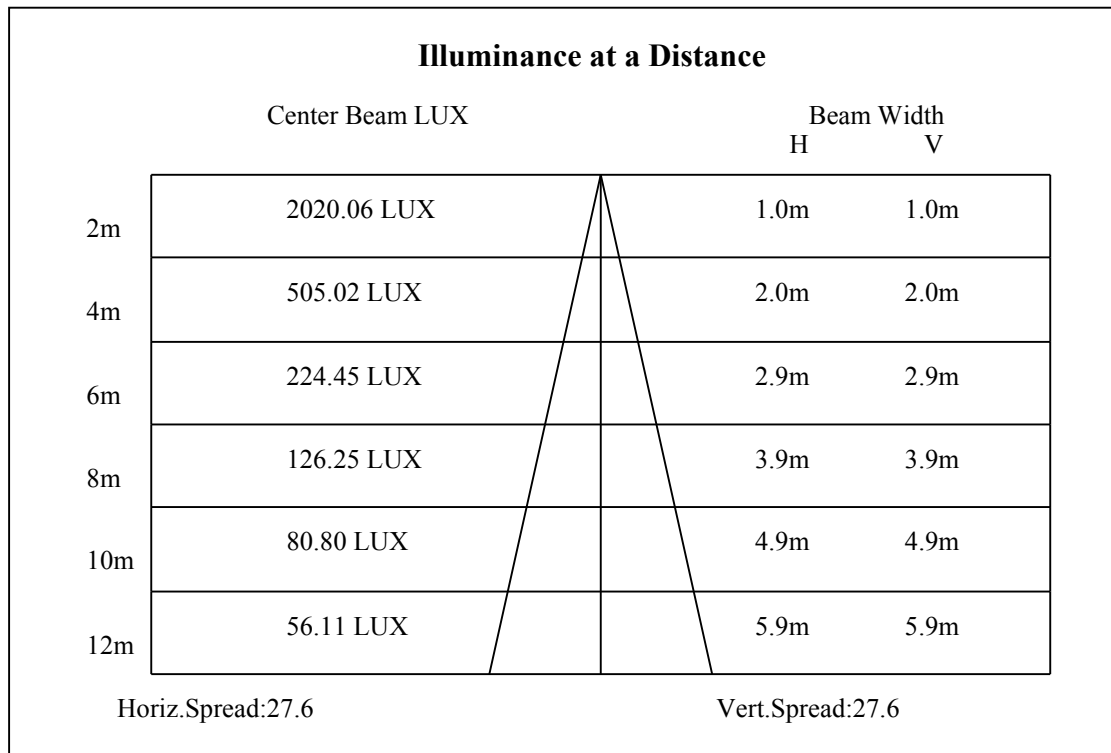
| | |
|---------|---------|
| 0-10 | 629.89 |
| 10-20 | 1013.50 |
| 20-30 | 740.17 |
| 30-40 | 301.46 |
| 40-50 | 52.25 |
| 50-60 | 30.38 |
| 60-70 | 24.22 |
| 70-80 | 16.98 |
| 80-90 | 12.46 |
| 90-100 | 0.00 |
| 100-110 | 0.00 |
| 110-120 | 0.00 |
| 120-130 | 0.00 |
| 130-140 | 0.00 |
| 140-150 | 0.00 |
| 150-160 | 0.00 |
| 160-170 | 0.00 |
| 170-180 | 0.00 |

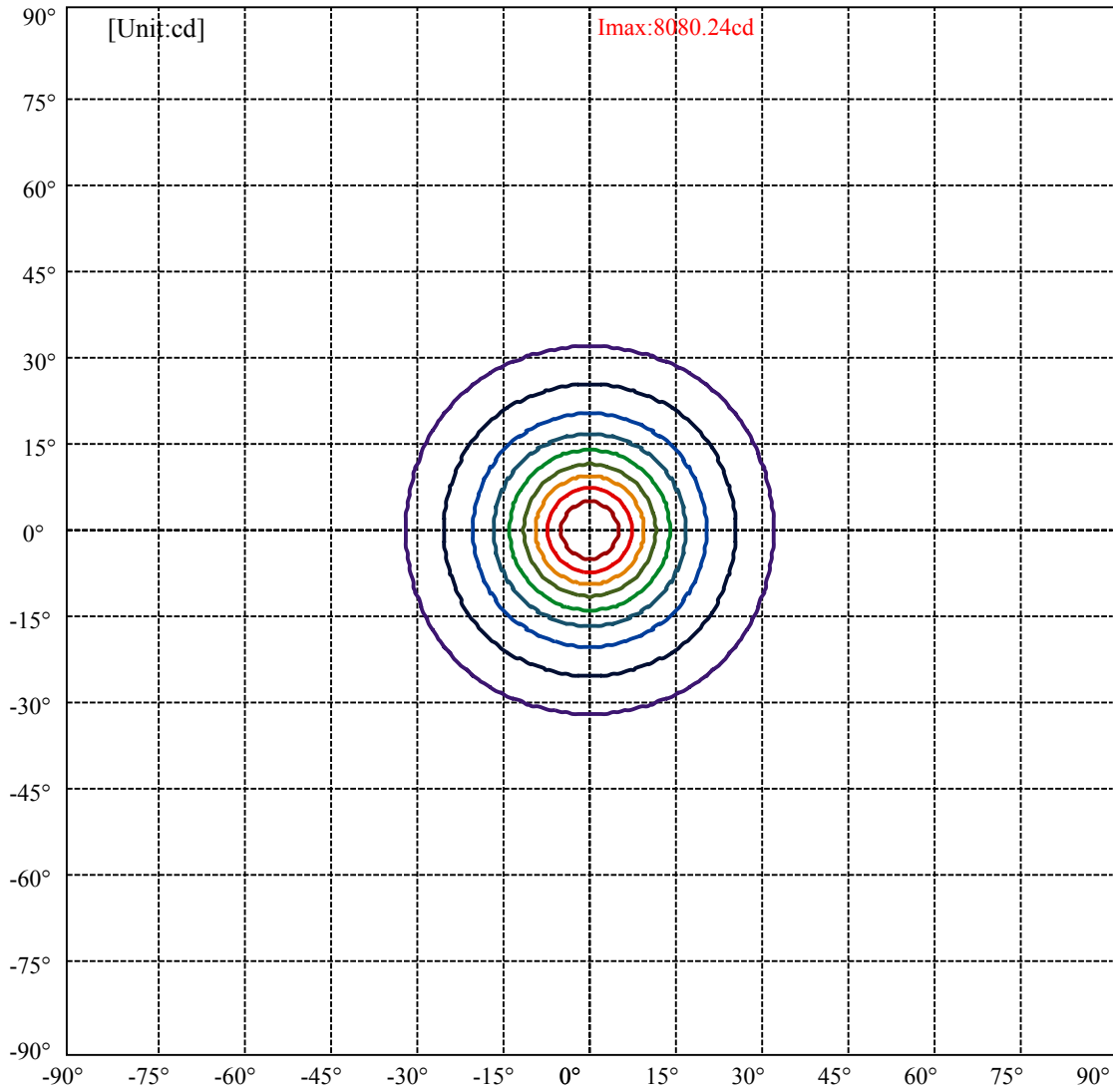


C0(Max): —————
C0/C180: —————
C90/C270: —————

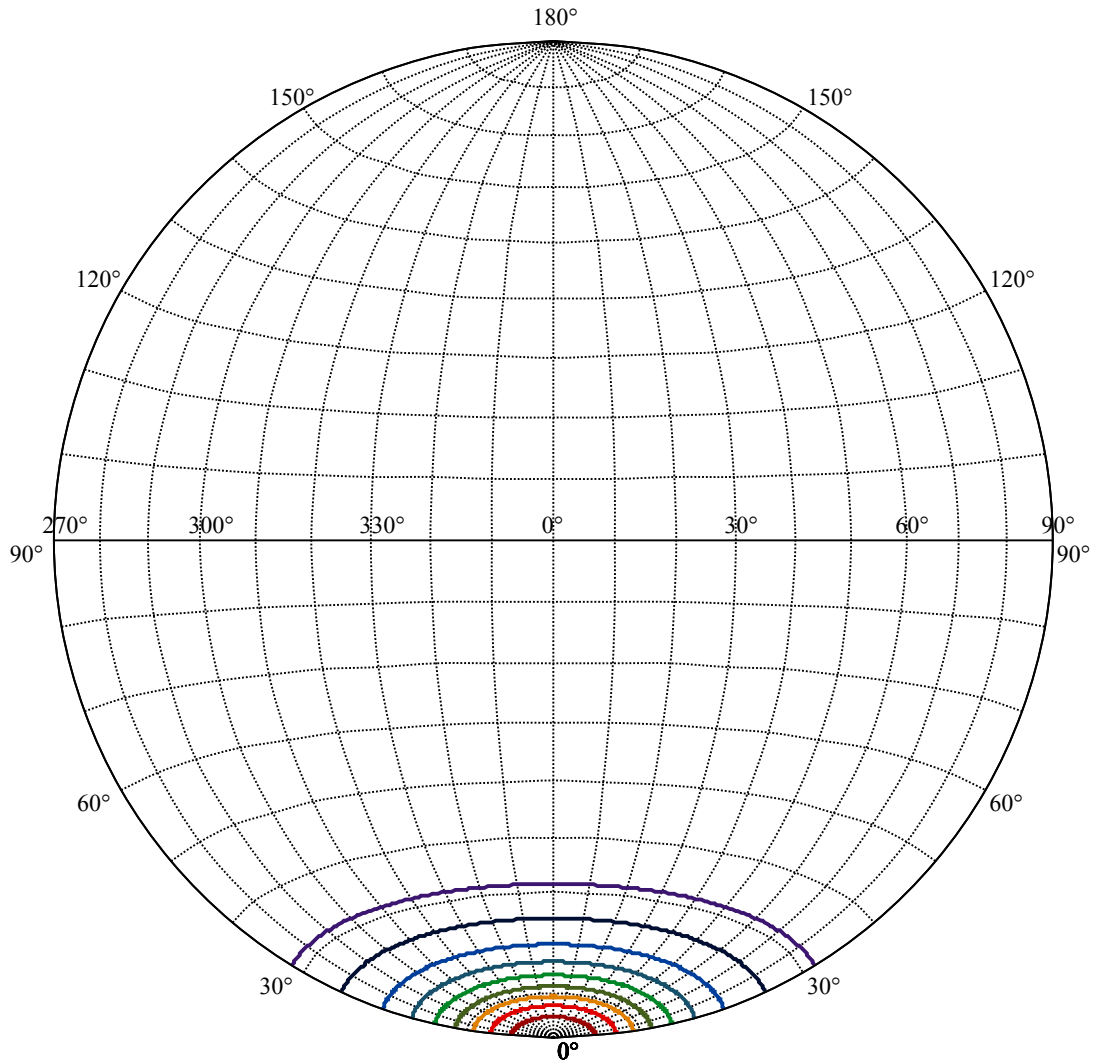
Field angle(10%Imax):C0/180Left:31.6 Right:31.6
:C90/270Left:31.6 Right:31.6

Beam Angle(50%Imax):C0/180Left:13.8 Right:13.8
:C90/270Left:13.8 Right:13.8





| | |
|-------------------|---|
| (10%Imax) 808.024 | — |
| (20%Imax) 1616.05 | — |
| (30%Imax) 2424.07 | — |
| (40%Imax) 3232.1 | — |
| (50%Imax) 4040.12 | — |
| (60%Imax) 4848.15 | — |
| (70%Imax) 5656.17 | — |
| (80%Imax) 6464.19 | — |
| (90%Imax) 7272.22 | — |



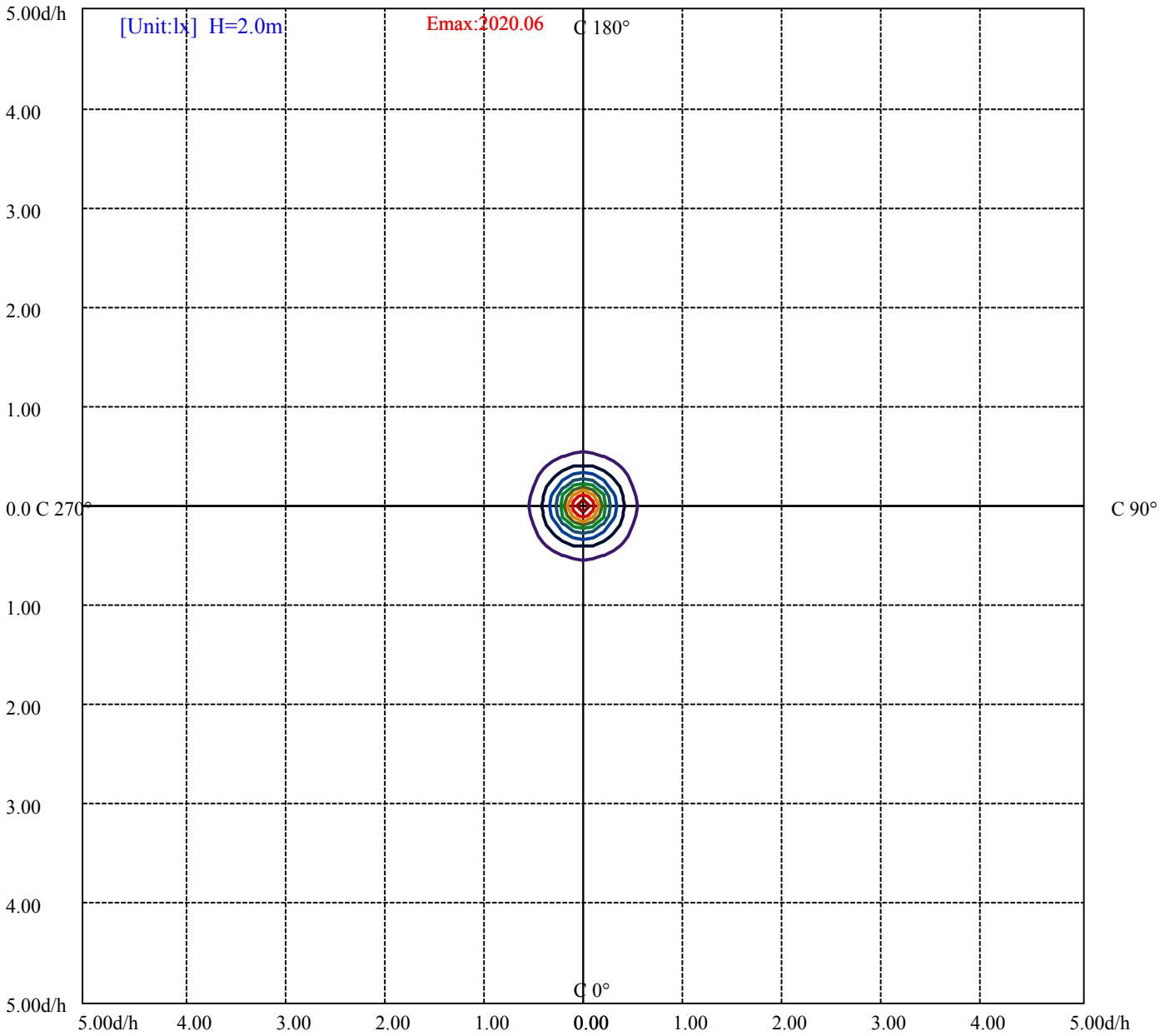
House

[Unit:cd]

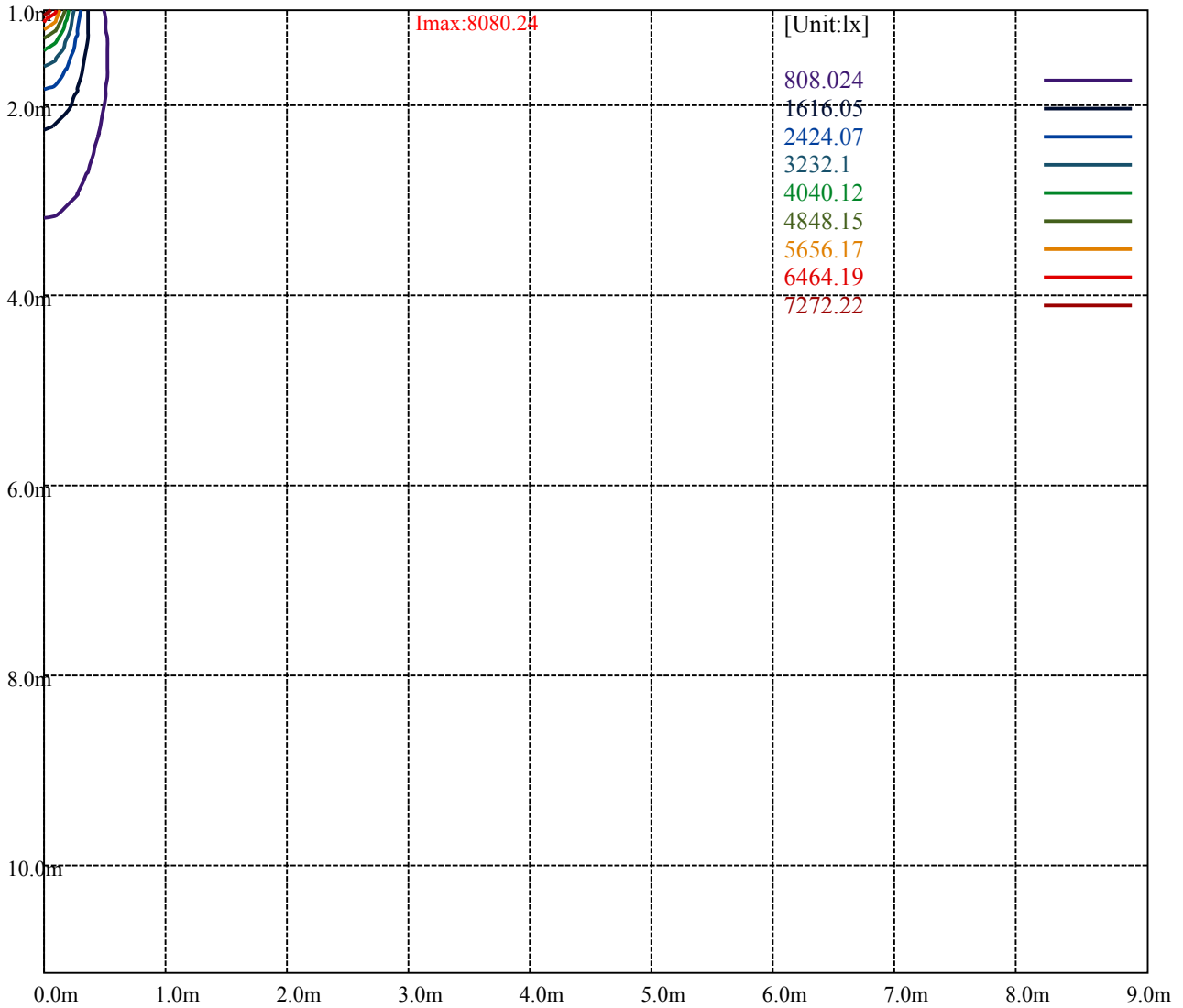
Road

Imax:8080.24

| | | |
|-----------|---------|---|
| (10%Imax) | 808.024 | — |
| (20%Imax) | 1616.05 | — |
| (30%Imax) | 2424.07 | — |
| (40%Imax) | 3232.1 | — |
| (50%Imax) | 4040.12 | — |
| (60%Imax) | 4848.15 | — |
| (70%Imax) | 5656.17 | — |
| (80%Imax) | 6464.19 | — |
| (90%Imax) | 7272.22 | — |



- (10%Emax) 202.006
- (20%Emax) 404.0125
- (30%Emax) 606.0175
- (40%Emax) 808.0225
- (50%Emax) 1010.03
- (60%Emax) 1212.035
- (70%Emax) 1414.042
- (80%Emax) 1616.047
- (90%Emax) 1818.052



Luminance Table

| γ | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 |
|----------|----|----|----|----|----|----|----|----|----|
| C0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| C45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| C90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| L(Hor)(65) | L(Ver)(65) | L45(65) | L(Hor)(75) | L(Ver)(75) | L45(75) | L(Hor)(85) | L(Ver)(85) | L45(85) |
|------------|------------|---------|------------|------------|---------|------------|------------|---------|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Glare Table

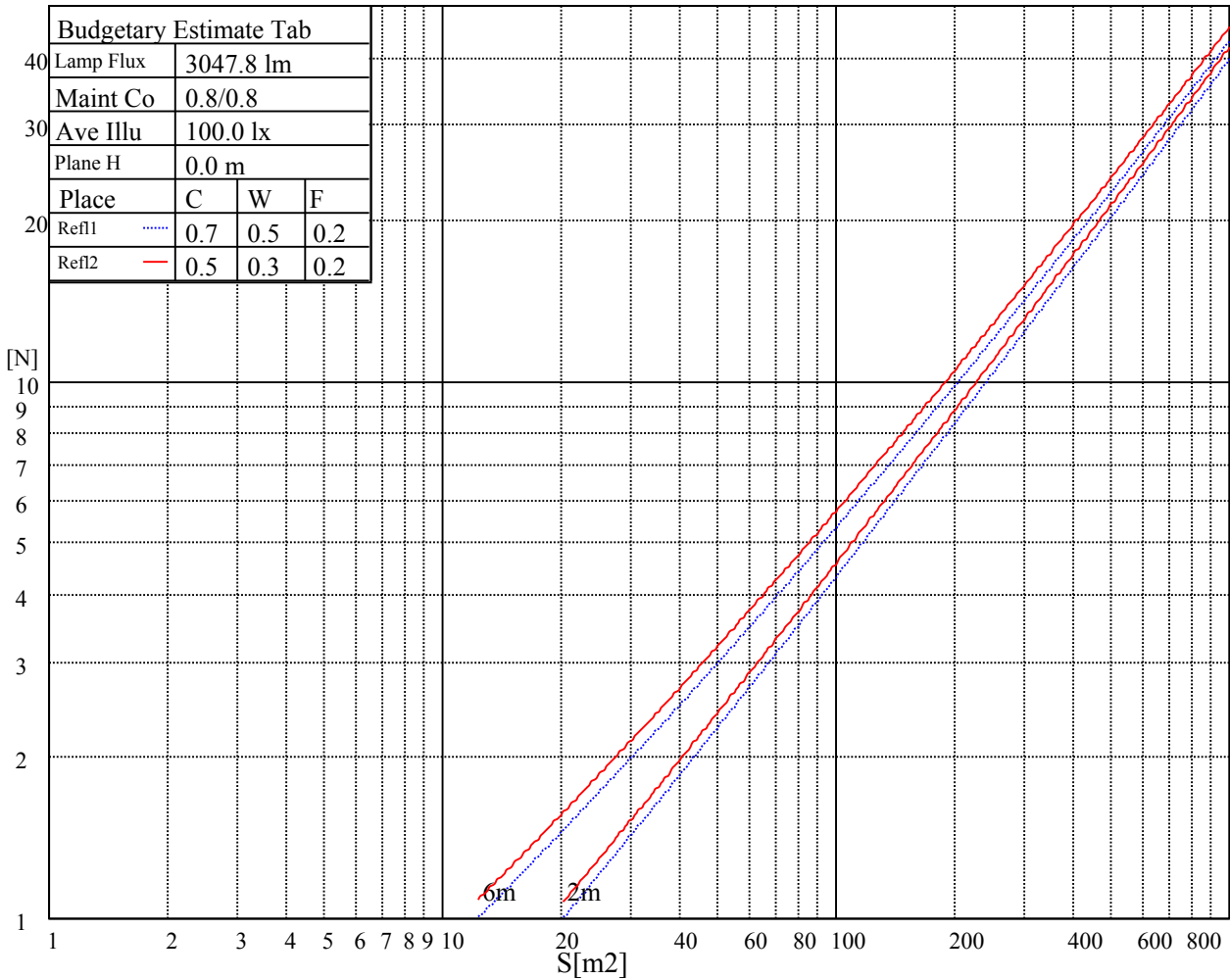
| Glare | Quality | Service Values Illuminance(lx) | | | | | | | |
|-------|---------|--------------------------------|------|------|-------|-------|-------|-------|-------|
| 1.15 | A | 2000 | 1000 | 500 | <=300 | | | | |
| 1.5 | B | | 2000 | 1000 | 500 | <=300 | | | |
| 1.85 | C | | | 2000 | 1000 | 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

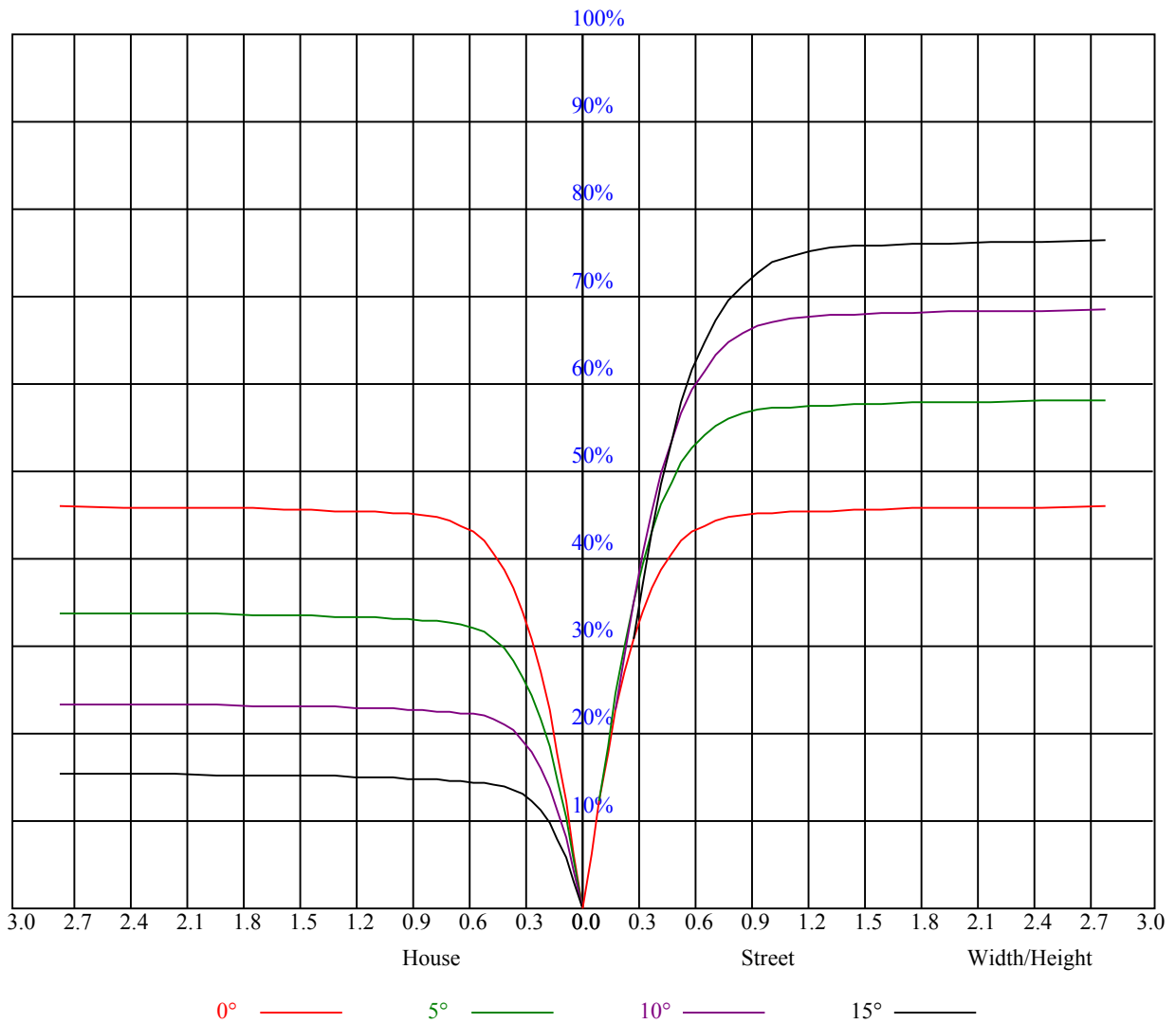


| Illumination assessment according UGR | | | | | | | | | | | |
|---|-----|------------------|-----|-----|-----|-----|----------------|-----|-----|-----|--|
| Rf of Ceiling | 70 | 70 | 50 | 50 | 30 | 70 | 70 | 50 | 50 | 30 | |
| Rf of Wall | 50 | 30 | 50 | 30 | 30 | 50 | 30 | 50 | 30 | 30 | |
| Rf of Floor | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | |
| Room dimensions | | Viewed crosswise | | | | | Viewed endwise | | | | |
| X | Y | | | | | | | | | | |
| 2H | 2H | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | |
| | 3H | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | |
| | 4H | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | |
| | 6H | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | |
| | 8H | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | |
| | 12H | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | |
| 4H | 2H | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | |
| | 3H | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | |
| | 4H | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | |
| | 6H | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | |
| | 8H | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | |
| 8H | 12H | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | |
| | 4H | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | |
| | 6H | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | |
| | 8H | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | |
| 12H | 12H | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | |
| | 4H | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | |
| | 6H | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | |
| | 8H | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | 非数字 | |
| Variation with the observer position at spacings: | | | | | | | | | | | |
| S = 1.0H | | 非数字/非数字 | | | | | 非数字/非数字 | | | | |
| S = 1.5H | | 非数字/非数字 | | | | | 非数字/非数字 | | | | |
| S = 2.0H | | 非数字/非数字 | | | | | 非数字/非数字 | | | | |
| Standard tables: | | BK0 | | | | | BK0 | | | | |
| Uncorrected UGR | | 负无穷大 | | | | | 负无穷大 | | | | |

UGR calculation is based on CIE Publ. 117 ,S/H = 0.25



| 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 | COEFFICIENTS OF UTILIZATION RHOFC=20 CU | | | | | | | | | | | | | | | |
| 0 | 1.10 | 1.10 | 1.10 | 1.08 | 1.08 | 1.08 | 1.03 | 1.03 | 1.03 | 0.99 | 0.99 | 0.99 | 0.95 | 0.95 | 0.95 | 0.93 |
| 1 | 1.03 | 1.01 | 0.99 | 1.01 | 0.99 | 0.97 | 0.97 | 0.96 | 0.95 | 0.94 | 0.93 | 0.92 | 0.91 | 0.90 | 0.89 | 0.87 |
| 2 | 0.97 | 0.94 | 0.91 | 0.95 | 0.92 | 0.90 | 0.92 | 0.90 | 0.88 | 0.90 | 0.88 | 0.86 | 0.87 | 0.86 | 0.84 | 0.83 |
| 3 | 0.92 | 0.88 | 0.84 | 0.90 | 0.87 | 0.84 | 0.88 | 0.85 | 0.82 | 0.86 | 0.83 | 0.81 | 0.84 | 0.82 | 0.80 | 0.78 |
| 4 | 0.87 | 0.82 | 0.79 | 0.86 | 0.82 | 0.78 | 0.84 | 0.80 | 0.78 | 0.82 | 0.79 | 0.77 | 0.80 | 0.78 | 0.76 | 0.75 |
| 5 | 0.83 | 0.78 | 0.74 | 0.82 | 0.77 | 0.74 | 0.80 | 0.76 | 0.73 | 0.79 | 0.75 | 0.73 | 0.77 | 0.74 | 0.72 | 0.71 |
| 6 | 0.79 | 0.74 | 0.70 | 0.78 | 0.74 | 0.70 | 0.77 | 0.73 | 0.70 | 0.75 | 0.72 | 0.69 | 0.74 | 0.71 | 0.69 | 0.68 |
| 7 | 0.75 | 0.70 | 0.67 | 0.75 | 0.70 | 0.67 | 0.73 | 0.69 | 0.67 | 0.72 | 0.69 | 0.66 | 0.71 | 0.68 | 0.66 | 0.65 |
| 8 | 0.72 | 0.67 | 0.64 | 0.71 | 0.67 | 0.64 | 0.71 | 0.66 | 0.64 | 0.70 | 0.66 | 0.63 | 0.69 | 0.66 | 0.63 | 0.62 |
| 9 | 0.69 | 0.64 | 0.61 | 0.69 | 0.64 | 0.61 | 0.68 | 0.64 | 0.61 | 0.67 | 0.63 | 0.61 | 0.66 | 0.63 | 0.61 | 0.59 |
| 10 | 0.66 | 0.62 | 0.59 | 0.66 | 0.62 | 0.59 | 0.65 | 0.61 | 0.58 | 0.65 | 0.61 | 0.58 | 0.64 | 0.61 | 0.58 | 0.57 |



Intensity data(cd)

| | | | | | | | | | |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| C/γ(°) | 0.0 | 1.0 | 2.0 | 3.0 | 4.0 | 5.0 | 6.0 | 7.0 | 8.0 |
| 0.0 | 8046.75 | 7890.10 | 7663.71 | 7464.43 | 7181.58 | 6788.01 | 6457.55 | 6110.48 | 5728.54 |
| 45.0 | 8099.89 | 8080.52 | 7968.70 | 7794.34 | 7529.75 | 7268.48 | 6970.68 | 6650.18 | 6207.91 |
| 90.0 | 8058.93 | 7950.99 | 7763.34 | 7548.02 | 7305.57 | 6918.65 | 6580.99 | 6230.05 | 5845.34 |
| 135.0 | 8115.39 | 8060.59 | 7970.92 | 7807.63 | 7536.39 | 7282.32 | 6981.75 | 6560.51 | 6214.55 |
| 180.0 | 8046.75 | 8112.07 | 8089.93 | 7984.76 | 7823.68 | 7564.07 | 7313.32 | 7014.41 | 6686.71 |
| 225.0 | 8099.89 | 8081.07 | 7950.44 | 7763.90 | 7577.35 | 7246.89 | 6934.15 | 6587.63 | 6123.22 |
| 270.0 | 8058.93 | 8115.94 | 8103.21 | 7947.67 | 7783.82 | 7580.12 | 7238.59 | 6920.86 | 6494.64 |
| 315.0 | 8115.39 | 8078.30 | 7930.51 | 7725.15 | 7509.82 | 7250.77 | 6933.04 | 6498.51 | 6129.30 |
| 360.0 | 8046.75 | 7890.10 | 7663.71 | 7464.43 | 7181.58 | 6788.01 | 6457.55 | 6110.48 | 5728.54 |
| C/γ(°) | 9.0 | 10.0 | 11.0 | 12.0 | 13.0 | 14.0 | 15.0 | 16.0 | 17.0 |
| 0.0 | 5250.29 | 4891.60 | 4560.03 | 4164.80 | 3855.38 | 3567.54 | 3291.88 | 3051.09 | 2768.23 |
| 45.0 | 5844.23 | 5357.67 | 5001.20 | 4590.47 | 4257.80 | 3948.93 | 3653.34 | 3378.23 | 3059.95 |
| 90.0 | 5356.01 | 4994.56 | 4658.56 | 4251.71 | 3941.18 | 3653.89 | 3307.93 | 3063.27 | 2839.09 |
| 135.0 | 5844.23 | 5467.83 | 5007.29 | 4667.97 | 4363.52 | 4052.44 | 3677.14 | 3399.26 | 3082.09 |
| 180.0 | 6249.97 | 5885.75 | 5506.58 | 5039.95 | 4723.32 | 4321.46 | 4014.24 | 3720.32 | 3444.65 |
| 225.0 | 5746.81 | 5279.63 | 4939.20 | 4622.58 | 4313.15 | 3937.30 | 3645.03 | 3383.77 | 3140.76 |
| 270.0 | 6128.75 | 5745.15 | 5394.76 | 4966.32 | 4620.92 | 4299.31 | 3989.33 | 3622.34 | 3354.43 |
| 315.0 | 5737.95 | 5269.11 | 4929.24 | 4595.46 | 4265.55 | 3872.54 | 3601.31 | 3335.61 | 3030.06 |
| 360.0 | 5250.29 | 4891.60 | 4560.03 | 4164.80 | 3855.38 | 3567.54 | 3291.88 | 3051.09 | 2768.23 |
| C/γ(°) | 18.0 | 19.0 | 20.0 | 21.0 | 22.0 | 23.0 | 24.0 | 25.0 | 26.0 |
| 0.0 | 2566.19 | 2379.65 | 2164.33 | 2006.57 | 1829.99 | 1699.36 | 1570.94 | 1418.71 | 1088.14 |
| 45.0 | 2835.76 | 2633.72 | 2441.09 | 2218.02 | 2061.92 | 1918.00 | 1743.64 | 1616.33 | 1490.67 |
| 90.0 | 2591.10 | 2401.79 | 2229.09 | 2072.44 | 1894.20 | 1764.67 | 1635.15 | 1515.58 | 1375.54 |
| 135.0 | 2855.69 | 2657.53 | 2412.86 | 2239.61 | 2081.85 | 1938.48 | 1769.65 | 1644.00 | 1522.78 |
| 180.0 | 3148.51 | 2921.56 | 2709.56 | 2515.27 | 2287.76 | 2118.38 | 1965.05 | 1834.42 | 1669.46 |
| 225.0 | 2855.69 | 2650.33 | 2458.81 | 2280.57 | 2085.17 | 1941.80 | 1774.08 | 1655.07 | 1532.19 |
| 270.0 | 3118.62 | 2876.73 | 2618.23 | 2428.92 | 2216.91 | 2046.42 | 1902.50 | 1744.19 | 1615.22 |
| 315.0 | 2808.09 | 2550.69 | 2358.62 | 2192.56 | 2038.12 | 1861.54 | 1730.35 | 1609.68 | 1490.12 |
| 360.0 | 2566.19 | 2379.65 | 2164.33 | 2006.57 | 1829.99 | 1699.36 | 1570.94 | 1418.71 | 1088.14 |
| C/γ(°) | 27.0 | 28.0 | 29.0 | 30.0 | 31.0 | 32.0 | 33.0 | 34.0 | 35.0 |
| 0.0 | 1088.14 | 1060.63 | 943.89 | 807.72 | 698.40 | 596.10 | 483.68 | 403.64 | 331.24 |
| 45.0 | 1337.90 | 1218.33 | 1075.52 | 963.15 | 853.55 | 742.85 | 616.09 | 524.20 | 440.06 |
| 90.0 | 1083.44 | 1083.44 | 1001.18 | 891.14 | 780.98 | 650.68 | 551.76 | 463.36 | 362.79 |
| 135.0 | 1404.32 | 1261.51 | 1146.93 | 1037.88 | 899.50 | 789.34 | 685.28 | 565.16 | 481.02 |
| 180.0 | 1544.37 | 1402.66 | 1288.63 | 1174.60 | 1031.24 | 918.32 | 804.29 | 671.99 | 572.91 |
| 225.0 | 1387.16 | 1096.22 | 1096.22 | 1008.32 | 892.30 | 778.71 | 672.10 | 550.88 | 464.14 |
| 270.0 | 1502.30 | 1388.82 | 1240.47 | 1124.23 | 1007.44 | 886.76 | 742.85 | 636.57 | 542.47 |
| 315.0 | 1257.08 | 1102.87 | 1102.87 | 985.18 | 842.26 | 729.12 | 622.56 | 506.15 | 423.07 |
| 360.0 | 1088.14 | 1060.63 | 943.89 | 807.72 | 698.40 | 596.10 | 483.68 | 403.64 | 331.24 |
| C/γ(°) | 36.0 | 37.0 | 38.0 | 39.0 | 40.0 | 41.0 | 42.0 | 43.0 | 44.0 |
| 0.0 | 255.57 | 206.97 | 158.20 | 128.53 | 105.67 | 88.73 | 73.51 | 64.54 | 57.62 |
| 45.0 | 363.12 | 280.09 | 280.09 | 213.28 | 141.26 | 109.88 | 91.61 | 75.34 | 65.93 |
| 90.0 | 294.48 | 236.64 | 187.93 | 141.76 | 114.47 | 94.38 | 79.54 | 66.31 | 58.51 |
| 135.0 | 383.05 | 313.85 | 281.75 | 281.75 | 147.07 | 118.57 | 97.26 | 81.31 | 67.42 |
| 180.0 | 486.56 | 404.08 | 314.96 | 282.30 | 282.30 | 156.48 | 118.62 | 96.81 | 80.82 |
| 225.0 | 385.32 | 314.63 | 238.68 | 189.81 | 149.95 | 113.53 | 92.94 | 77.94 | 64.82 |
| 270.0 | 433.97 | 356.48 | 288.39 | 288.39 | 168.77 | 133.51 | 102.68 | 85.30 | 72.62 |
| 315.0 | 329.08 | 265.64 | 212.17 | 159.14 | 126.37 | 102.85 | 85.47 | 73.07 | 62.00 |
| 360.0 | 255.57 | 206.97 | 158.20 | 128.53 | 105.67 | 88.73 | 73.51 | 64.54 | 57.62 |

Intensity data(cd)

| | | | | | | | | | |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| C/γ(°) | 45.0 | 46.0 | 47.0 | 48.0 | 49.0 | 50.0 | 51.0 | 52.0 | 53.0 |
| 0.0 | 52.14 | 46.77 | 43.51 | 40.85 | 38.69 | 36.75 | 35.54 | 34.43 | 33.82 |
| 45.0 | 58.56 | 51.70 | 47.27 | 43.78 | 41.02 | 38.36 | 36.92 | 35.70 | 34.93 |
| 90.0 | 51.31 | 46.83 | 43.34 | 40.13 | 38.08 | 36.70 | 35.37 | 34.65 | 34.21 |
| 135.0 | 59.45 | 53.31 | 48.55 | 43.84 | 41.13 | 38.47 | 37.09 | 36.04 | 35.15 |
| 180.0 | 66.92 | 58.95 | 52.86 | 47.11 | 43.67 | 41.02 | 38.36 | 36.92 | 35.76 |
| 225.0 | 57.35 | 51.70 | 46.16 | 42.79 | 40.19 | 38.14 | 36.26 | 35.15 | 34.37 |
| 270.0 | 63.27 | 54.80 | 49.65 | 45.50 | 42.18 | 39.19 | 37.20 | 35.32 | 34.26 |
| 315.0 | 55.46 | 50.37 | 45.28 | 42.18 | 39.63 | 37.36 | 35.76 | 34.54 | 33.54 |
| 360.0 | 52.14 | 46.77 | 43.51 | 40.85 | 38.69 | 36.75 | 35.54 | 34.43 | 33.82 |
| C/γ(°) | 54.0 | 55.0 | 56.0 | 57.0 | 58.0 | 59.0 | 60.0 | 61.0 | 62.0 |
| 0.0 | 33.32 | 32.99 | 32.60 | 32.11 | 31.50 | 30.72 | 29.61 | 28.45 | 26.79 |
| 45.0 | 34.21 | 33.77 | 33.54 | 33.27 | 32.82 | 32.27 | 31.50 | 30.39 | 29.17 |
| 90.0 | 33.93 | 33.65 | 33.49 | 33.10 | 32.82 | 32.05 | 30.89 | 29.61 | 27.90 |
| 135.0 | 34.76 | 34.43 | 34.21 | 33.99 | 33.65 | 33.27 | 32.49 | 31.05 | 29.78 |
| 180.0 | 34.98 | 34.32 | 33.88 | 33.65 | 33.38 | 32.94 | 32.49 | 31.50 | 30.39 |
| 225.0 | 33.77 | 33.38 | 33.10 | 32.60 | 32.16 | 31.77 | 30.72 | 29.67 | 28.51 |
| 270.0 | 33.49 | 32.88 | 32.66 | 32.33 | 32.05 | 31.66 | 31.27 | 30.50 | 29.34 |
| 315.0 | 33.05 | 32.71 | 32.33 | 31.99 | 31.77 | 31.39 | 30.61 | 29.56 | 28.56 |
| 360.0 | 33.32 | 32.99 | 32.60 | 32.11 | 31.50 | 30.72 | 29.61 | 28.45 | 26.79 |
| C/γ(°) | 63.0 | 64.0 | 65.0 | 66.0 | 67.0 | 68.0 | 69.0 | 70.0 | 71.0 |
| 0.0 | 25.35 | 24.02 | 22.64 | 21.26 | 20.04 | 19.10 | 18.27 | 17.71 | 17.21 |
| 45.0 | 27.40 | 25.96 | 24.63 | 23.08 | 21.42 | 20.37 | 19.37 | 18.60 | 17.82 |
| 90.0 | 26.40 | 24.52 | 22.97 | 21.70 | 20.48 | 19.21 | 18.49 | 17.82 | 17.38 |
| 135.0 | 28.29 | 26.74 | 24.91 | 23.30 | 21.64 | 20.59 | 19.54 | 18.60 | 17.93 |
| 180.0 | 29.23 | 27.40 | 25.96 | 24.52 | 22.97 | 21.48 | 20.43 | 19.43 | 18.71 |
| 225.0 | 27.01 | 25.30 | 23.86 | 22.36 | 21.20 | 19.98 | 19.04 | 18.38 | 17.77 |
| 270.0 | 28.17 | 26.85 | 25.46 | 24.02 | 22.31 | 21.09 | 19.76 | 18.88 | 18.27 |
| 315.0 | 27.23 | 25.52 | 24.19 | 22.36 | 21.20 | 20.09 | 18.99 | 18.32 | 17.82 |
| 360.0 | 25.35 | 24.02 | 22.64 | 21.26 | 20.04 | 19.10 | 18.27 | 17.71 | 17.21 |
| C/γ(°) | 72.0 | 73.0 | 74.0 | 75.0 | 76.0 | 77.0 | 78.0 | 79.0 | 80.0 |
| 0.0 | 16.72 | 16.38 | 15.94 | 15.50 | 15.11 | 14.78 | 14.45 | 14.06 | 13.73 |
| 45.0 | 17.33 | 16.83 | 16.38 | 15.94 | 15.55 | 15.17 | 14.78 | 14.39 | 14.06 |
| 90.0 | 16.83 | 16.38 | 16.00 | 15.61 | 15.17 | 14.83 | 14.45 | 14.06 | 13.73 |
| 135.0 | 17.49 | 16.99 | 16.44 | 16.05 | 15.72 | 15.33 | 14.89 | 14.56 | 14.23 |
| 180.0 | 17.99 | 17.49 | 17.05 | 16.55 | 16.11 | 15.72 | 15.28 | 14.89 | 14.45 |
| 225.0 | 17.27 | 16.88 | 16.33 | 15.94 | 15.44 | 15.11 | 14.72 | 14.39 | 13.95 |
| 270.0 | 17.60 | 17.16 | 16.72 | 16.16 | 15.78 | 15.44 | 15.06 | 14.56 | 14.28 |
| 315.0 | 17.33 | 16.83 | 16.38 | 15.94 | 15.61 | 15.17 | 14.78 | 14.39 | 14.00 |
| 360.0 | 16.72 | 16.38 | 15.94 | 15.50 | 15.11 | 14.78 | 14.45 | 14.06 | 13.73 |
| C/γ(°) | 81.0 | 82.0 | 83.0 | 84.0 | 85.0 | 86.0 | 87.0 | 88.0 | 89.0 |
| 0.0 | 13.40 | 13.12 | 12.84 | 12.57 | 12.40 | 12.12 | 11.90 | 11.62 | 11.51 |
| 45.0 | 13.73 | 13.34 | 13.06 | 12.79 | 12.57 | 12.29 | 12.07 | 11.79 | 11.51 |
| 90.0 | 13.40 | 13.17 | 12.84 | 12.57 | 12.29 | 12.07 | 11.85 | 11.57 | 11.40 |
| 135.0 | 13.78 | 13.45 | 13.06 | 12.79 | 12.51 | 12.29 | 12.07 | 11.73 | 11.51 |
| 180.0 | 14.12 | 13.73 | 13.34 | 13.06 | 12.79 | 12.45 | 12.23 | 11.96 | 11.79 |
| 225.0 | 13.62 | 13.28 | 13.06 | 12.73 | 12.45 | 12.23 | 11.96 | 11.73 | 11.51 |
| 270.0 | 13.95 | 13.51 | 13.23 | 12.90 | 12.62 | 12.40 | 12.07 | 11.85 | 11.62 |
| 315.0 | 13.67 | 13.34 | 13.06 | 12.73 | 12.45 | 12.23 | 12.01 | 11.79 | 11.51 |
| 360.0 | 13.40 | 13.12 | 12.84 | 12.57 | 12.40 | 12.12 | 11.90 | 11.62 | 11.51 |

Intensity data(cd)

| | |
|---------------|--------------|
| C/γ(°) | 90.0 |
| 0.0 | 11.46 |
| 45.0 | 11.46 |
| 90.0 | 11.46 |
| 135.0 | 11.51 |
| 180.0 | 11.51 |
| 225.0 | 11.40 |
| 270.0 | 11.46 |
| 315.0 | 11.46 |
| 360.0 | 11.46 |