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NT

Client: NT

LumCAT: 3-2853-L2

Luminaire: 92.70.412.00

Report No: 20241226-B014

Ballast type: AC

Test No: 20241226-C014

Voltage(V): 34.430

LampCAT: CITIZEN CLU038

Current(A): 0.451

Lamp flux(lm): 2649.0

Power (W): 15.529

Number of Lamps: 1

PF: 0.000

Length(mm): 85

Width(mm): 85

Phm Type: C

Height(mm): 52

Photometric Results

Lumens(lm): 2564.87, Efficiency(%): 96.82% , Luminous Efficacy(lm/W): 165.17

Central intensity(cd): 21241.330, Maximum intensity(cd): 21241.330

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=14.8

[C90/270]Total=14.8

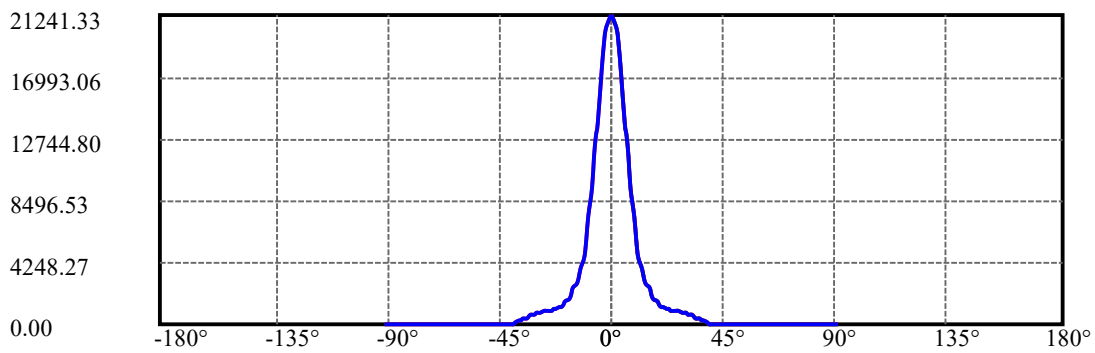
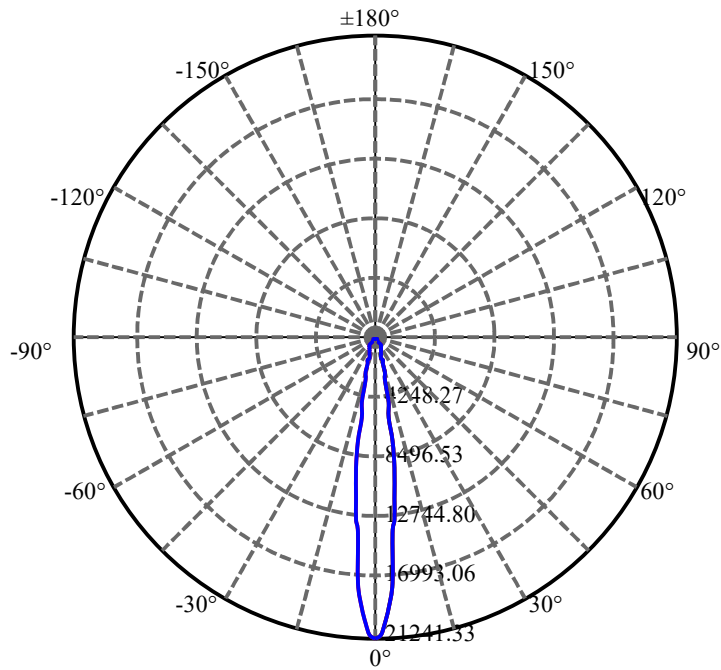
Field angle(10%Imax): [C0/180]Total=31.4

[C90/270]Total=31.4

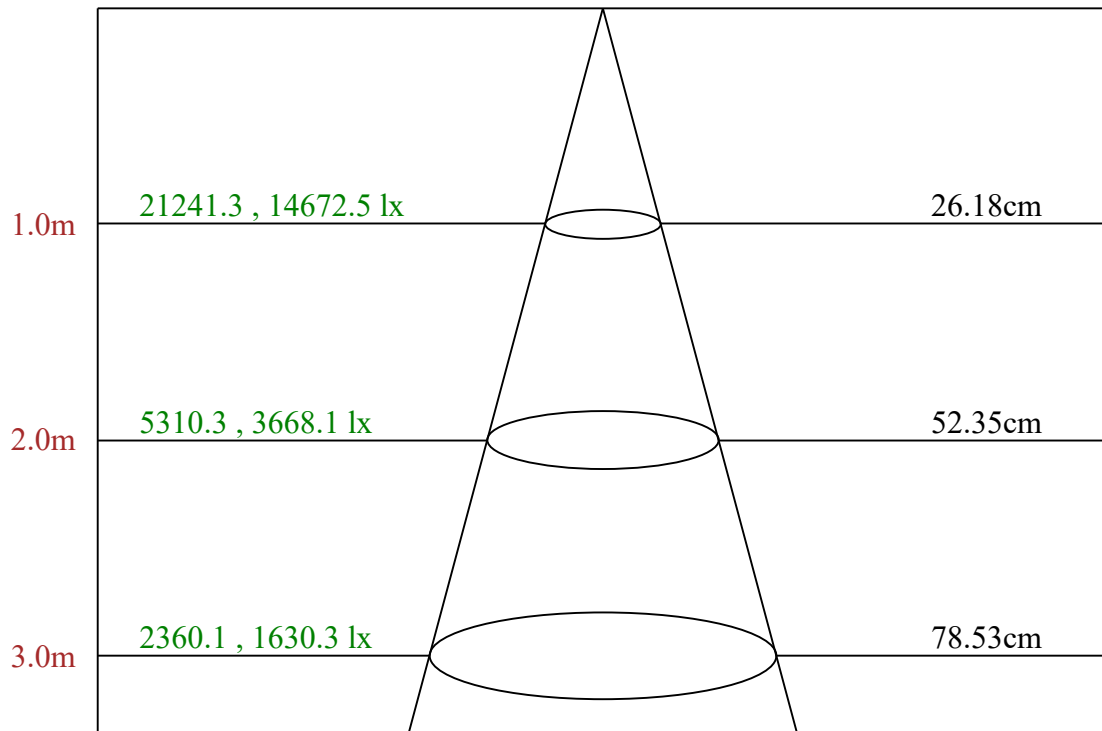
Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/12/26
Humidity(%): 60.0%

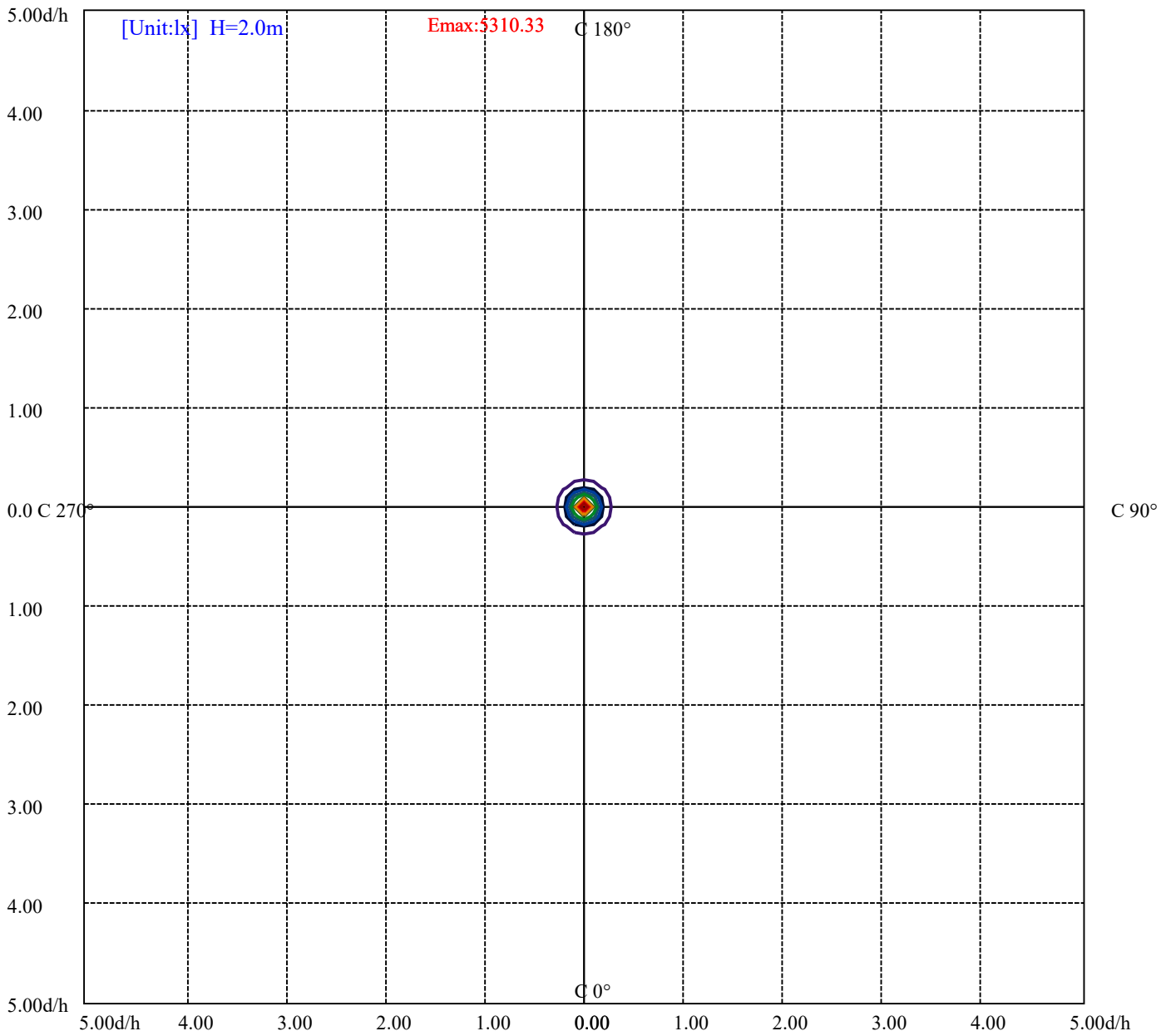
Operator: NT07
Distance(m): 7.65



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



Max , Ave Beam angle of C0 plane 14.91



- (10%Emax) 531.0325
- (20%Emax) 1062.065
- (30%Emax) 1593.098
- (40%Emax) 2124.127
- (50%Emax) 2655.15
- (60%Emax) 3186.2
- (70%Emax) 3717.225
- (80%Emax) 4248.25
- (90%Emax) 4779.3

Luminance Table

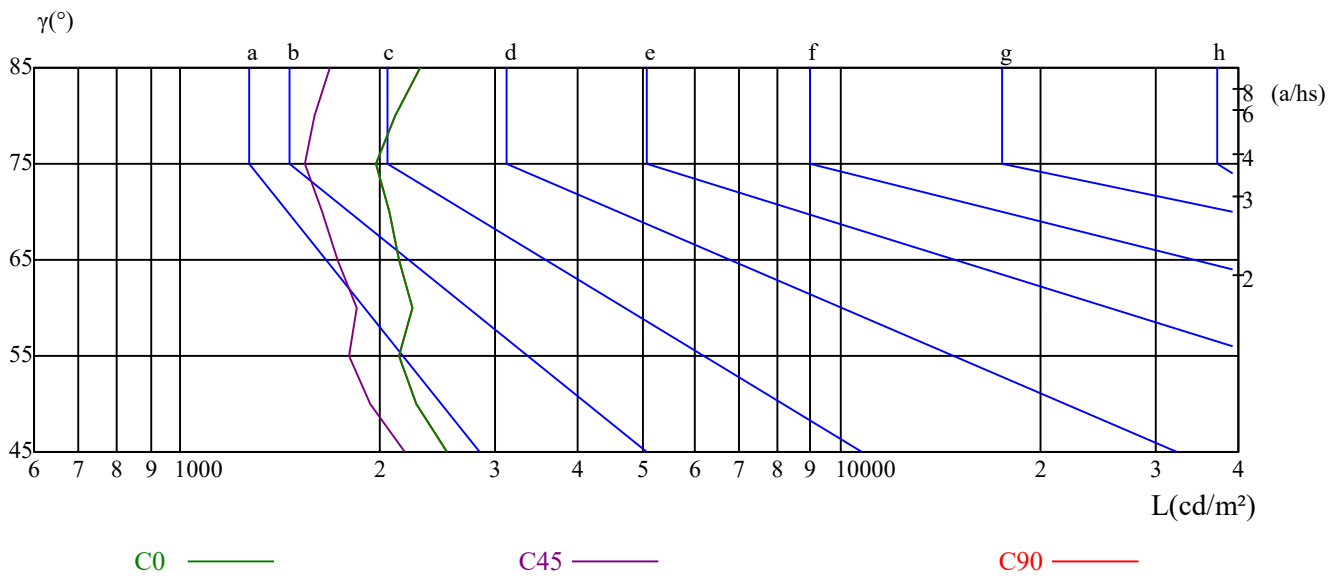
| γ | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 |
|----------|------|------|------|------|------|------|------|------|------|
| C0 | 2531 | 2270 | 2147 | 2243 | 2141 | 2067 | 1983 | 2109 | 2299 |
| C45 | 2187 | 1933 | 1800 | 1849 | 1733 | 1641 | 1539 | 1596 | 1688 |
| C90 | 2531 | 2270 | 2147 | 2243 | 2141 | 2067 | 1983 | 2109 | 2299 |

| L(Hor)(65) | L(Ver)(65) | L45(65) | L(Hor)(75) | L(Ver)(75) | L45(75) | L(Hor)(85) | L(Ver)(85) | L45(85) |
|------------|------------|---------|------------|------------|---------|------------|------------|---------|
| 4950 | 4950 | 4950 | 6510 | 6510 | 6510 | 18378 | 18378 | 18378 |

Glare Table

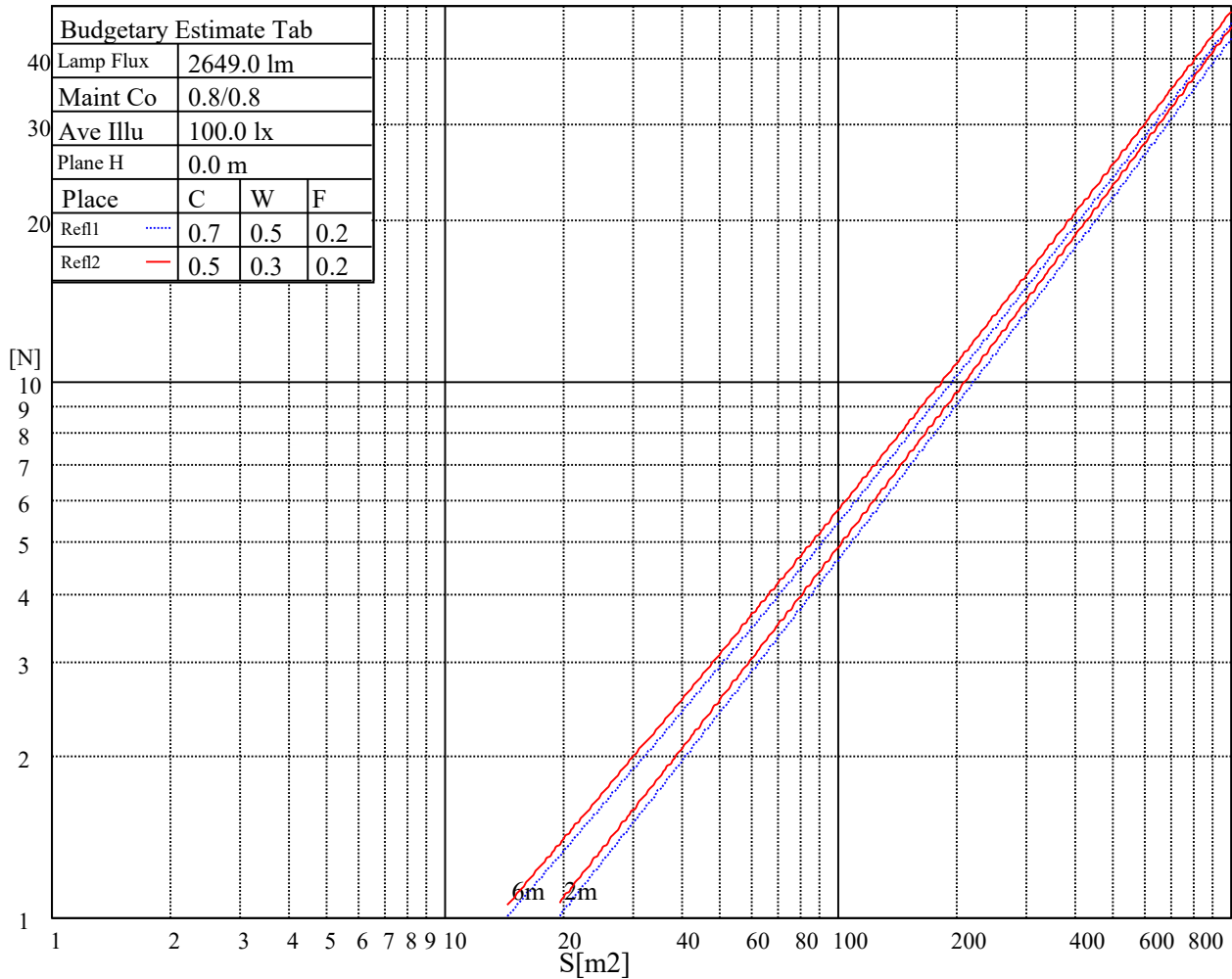
| Glare | Quality | Service Values Illuminance(lx) | | | | | | | |
|-------|---------|--------------------------------|------|------|-------|-------|-------|-------|-------|
| 1.15 | A | 2000 | 1000 | 500 | <=300 | | | | |
| 1.5 | B | | 2000 | 1000 | 500 | <=300 | | | |
| 1.85 | C | | | 2000 | 1000 | 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 | 13.13 | 14.06 | 13.50 | 14.37 | 14.68 | 12.91 | 13.83 | 13.27 | 14.14 | 14.46 |
| | 3H | 13.17 | 13.99 | 13.56 | 14.33 | 14.68 | 12.98 | 13.80 | 13.37 | 14.14 | 14.49 |
| | 4H | 13.25 | 14.01 | 13.65 | 14.37 | 14.74 | 13.09 | 13.85 | 13.49 | 14.20 | 14.57 |
| | 6H | 13.44 | 14.13 | 13.86 | 14.51 | 14.91 | 13.30 | 14.00 | 13.72 | 14.38 | 14.78 |
| | 8H | 13.55 | 14.21 | 13.97 | 14.60 | 15.01 | 13.43 | 14.09 | 13.85 | 14.48 | 14.89 |
| | 12H | 13.70 | 14.33 | 14.13 | 14.73 | 15.15 | 13.59 | 14.22 | 14.02 | 14.62 | 15.04 |
| 4H | 2H | 12.90 | 13.66 | 13.30 | 14.02 | 14.38 | 12.68 | 13.44 | 13.08 | 13.80 | 14.16 |
| | 3H | 13.01 | 13.65 | 13.44 | 14.05 | 14.47 | 12.84 | 13.48 | 13.26 | 13.87 | 14.29 |
| | 4H | 13.22 | 13.78 | 13.66 | 14.20 | 14.65 | 13.08 | 13.63 | 13.52 | 14.06 | 14.51 |
| | 6H | 13.52 | 14.00 | 13.99 | 14.46 | 14.91 | 13.42 | 13.91 | 13.89 | 14.36 | 14.81 |
| | 8H | 13.75 | 14.21 | 14.24 | 14.66 | 15.14 | 13.67 | 14.12 | 14.16 | 14.58 | 15.06 |
| | 12H | 14.05 | 14.47 | 14.54 | 14.92 | 15.45 | 13.98 | 14.40 | 14.47 | 14.85 | 15.37 |
| 8H | 4H | 13.18 | 13.64 | 13.67 | 14.10 | 14.57 | 13.05 | 13.50 | 13.54 | 13.96 | 14.44 |
| | 6H | 13.61 | 13.98 | 14.12 | 14.46 | 14.98 | 13.53 | 13.90 | 14.04 | 14.38 | 14.89 |
| | 8H | 14.02 | 14.33 | 14.55 | 14.85 | 15.35 | 13.95 | 14.26 | 14.49 | 14.78 | 15.28 |
| | 12H | 14.48 | 14.71 | 15.02 | 15.23 | 15.75 | 14.42 | 14.65 | 14.96 | 15.17 | 15.69 |
| 12H | 4H | 13.17 | 13.59 | 13.66 | 14.04 | 14.57 | 13.04 | 13.46 | 13.53 | 13.91 | 14.43 |
| | 6H | 13.69 | 14.00 | 14.23 | 14.53 | 15.02 | 13.61 | 13.92 | 14.14 | 14.44 | 14.94 |
| | 8H | 14.12 | 14.35 | 14.66 | 14.87 | 15.39 | 14.05 | 14.28 | 14.60 | 14.80 | 15.33 |
| Variation with the observer position at spacings: | | | | | | | | | | | |
| S = 1.0H | 5.6/-5.3 | | | | | 5.6/-5.3 | | | | | |
| S = 1.5H | 7.7/-4.0 | | | | | 7.7/-4.0 | | | | | |
| S = 2.0H | 9.1/-3.1 | | | | | 9.1/-3.1 | | | | | |
| Standard tables: | BK2 | | | | | BK2 | | | | | |
| Uncorrected UGR | -4.3 | | | | | -4.3 | | | | | |

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 | 1.15 | 1.15 | 1.15 | 1.13 | 1.13 | 1.13 | 1.08 | 1.08 | 1.08 | 1.03 | 1.03 | 1.03 | 0.99 | 0.99 | 0.99 | 0.97 |
| 1 | 1.09 | 1.07 | 1.05 | 1.07 | 1.05 | 1.03 | 1.03 | 1.02 | 1.00 | 0.99 | 0.98 | 0.97 | 0.96 | 0.95 | 0.94 | 0.93 |
| 2 | 1.03 | 1.00 | 0.98 | 1.02 | 0.99 | 0.97 | 0.99 | 0.97 | 0.95 | 0.96 | 0.94 | 0.93 | 0.93 | 0.92 | 0.91 | 0.89 |
| 3 | 0.99 | 0.95 | 0.92 | 0.98 | 0.94 | 0.92 | 0.95 | 0.92 | 0.90 | 0.93 | 0.91 | 0.89 | 0.91 | 0.89 | 0.87 | 0.86 |
| 4 | 0.95 | 0.91 | 0.88 | 0.94 | 0.90 | 0.87 | 0.92 | 0.89 | 0.86 | 0.90 | 0.88 | 0.85 | 0.88 | 0.86 | 0.84 | 0.83 |
| 5 | 0.91 | 0.87 | 0.84 | 0.91 | 0.87 | 0.84 | 0.89 | 0.86 | 0.83 | 0.88 | 0.85 | 0.82 | 0.86 | 0.84 | 0.82 | 0.81 |
| 6 | 0.88 | 0.84 | 0.81 | 0.88 | 0.84 | 0.81 | 0.86 | 0.83 | 0.80 | 0.85 | 0.82 | 0.80 | 0.84 | 0.81 | 0.79 | 0.78 |
| 7 | 0.85 | 0.81 | 0.78 | 0.85 | 0.81 | 0.78 | 0.84 | 0.80 | 0.78 | 0.83 | 0.80 | 0.77 | 0.82 | 0.79 | 0.77 | 0.76 |
| 8 | 0.83 | 0.79 | 0.76 | 0.82 | 0.78 | 0.76 | 0.81 | 0.78 | 0.76 | 0.81 | 0.77 | 0.75 | 0.80 | 0.77 | 0.75 | 0.74 |
| 9 | 0.80 | 0.76 | 0.74 | 0.80 | 0.76 | 0.74 | 0.79 | 0.76 | 0.73 | 0.79 | 0.75 | 0.73 | 0.78 | 0.75 | 0.73 | 0.72 |
| 10 | 0.78 | 0.74 | 0.72 | 0.78 | 0.74 | 0.72 | 0.77 | 0.74 | 0.72 | 0.77 | 0.74 | 0.71 | 0.76 | 0.73 | 0.71 | 0.70 |

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 | 21311.55 | 20872.63 | 19988.95 | 18719.01 | 17156.46 | 11422.48 | 11422.48 | 10932.65 | 9025.98 |
| 45.0 | 21141.84 | 21258.88 | 20855.08 | 19977.24 | 18332.76 | 16711.69 | 14903.34 | 12989.65 | 10572.67 |
| 90.0 | 21264.74 | 20691.22 | 19754.86 | 18449.80 | 16454.19 | 11196.00 | 11196.00 | 10221.60 | 8366.44 |
| 135.0 | 21247.18 | 21223.77 | 20779.00 | 19871.90 | 18209.86 | 16582.94 | 14780.44 | 12855.05 | 10432.22 |
| 180.0 | 21311.55 | 21159.40 | 20556.61 | 19251.56 | 17852.87 | 15763.62 | 13885.05 | 11912.84 | 9987.45 |
| 225.0 | 21141.84 | 20568.32 | 19269.12 | 17864.58 | 16208.39 | 11330.60 | 11330.60 | 9845.88 | 7976.09 |
| 270.0 | 21264.74 | 21217.92 | 20749.74 | 19830.93 | 18163.04 | 16512.71 | 14645.84 | 12644.37 | 10186.43 |
| 315.0 | 21247.18 | 20679.51 | 19737.30 | 18397.13 | 16740.95 | 11298.41 | 11298.41 | 10292.41 | 7923.42 |
| 360.0 | 21311.55 | 20872.63 | 19988.95 | 18719.01 | 17156.46 | 11422.48 | 11422.48 | 10932.65 | 9025.98 |
| C/γ(°) | 9.0 | 10.0 | 11.0 | 12.0 | 13.0 | 14.0 | 15.0 | 16.0 | 17.0 |
| 0.0 | 6905.13 | 5549.75 | 4496.93 | 3719.16 | 3009.29 | 2586.17 | 2193.48 | 1928.96 | 1716.52 |
| 45.0 | 8694.10 | 7032.06 | 5656.78 | 4591.68 | 3614.35 | 3052.53 | 3052.53 | 2194.65 | 1926.03 |
| 90.0 | 6721.37 | 5117.27 | 4176.81 | 3466.35 | 2928.52 | 2418.21 | 2099.26 | 1837.08 | 1628.74 |
| 135.0 | 8565.35 | 6546.33 | 5288.09 | 4328.32 | 3450.49 | 3046.68 | 3046.68 | 2204.60 | 1883.90 |
| 180.0 | 7734.33 | 6183.49 | 4972.07 | 4082.53 | 3286.62 | 3023.27 | 3023.27 | 2112.14 | 1807.23 |
| 225.0 | 6004.47 | 4818.22 | 3949.16 | 3303.65 | 2700.29 | 2338.62 | 2044.25 | 1806.06 | 1571.39 |
| 270.0 | 8307.85 | 6639.96 | 5001.33 | 4035.71 | 3327.59 | 3040.83 | 3040.83 | 2006.80 | 1694.28 |
| 315.0 | 6315.22 | 4782.52 | 3890.63 | 3233.43 | 2623.62 | 2260.78 | 1970.51 | 1742.27 | 1521.64 |
| 360.0 | 6905.13 | 5549.75 | 4496.93 | 3719.16 | 3009.29 | 2586.17 | 2193.48 | 1928.96 | 1716.52 |
| C/γ(°) | 18.0 | 19.0 | 20.0 | 21.0 | 22.0 | 23.0 | 24.0 | 25.0 | 26.0 |
| 0.0 | 1508.77 | 1373.00 | 1151.31 | 1151.31 | 1085.12 | 1027.42 | 978.91 | 939.87 | 901.19 |
| 45.0 | 1670.29 | 1512.87 | 1388.80 | 1260.05 | 1183.38 | 1118.42 | 1059.90 | 1000.21 | 961.58 |
| 90.0 | 1428.01 | 1163.84 | 1163.84 | 1088.81 | 1025.20 | 957.72 | 913.07 | 875.96 | 838.45 |
| 135.0 | 1686.68 | 1525.74 | 1391.72 | 1256.54 | 1176.36 | 1110.23 | 1051.71 | 993.77 | 953.98 |
| 180.0 | 1604.16 | 1415.72 | 1293.41 | 1195.67 | 1100.87 | 1044.69 | 994.94 | 943.44 | 910.67 |
| 225.0 | 1422.74 | 1154.53 | 1154.53 | 1104.85 | 1031.05 | 980.84 | 940.28 | 907.16 | 871.58 |
| 270.0 | 1511.11 | 1363.63 | 1236.64 | 1117.84 | 1045.27 | 989.67 | 941.10 | 891.94 | 856.83 |
| 315.0 | 1381.77 | 1154.24 | 1154.24 | 1091.91 | 1039.42 | 992.13 | 954.62 | 913.89 | 886.44 |
| 360.0 | 1508.77 | 1373.00 | 1151.31 | 1151.31 | 1085.12 | 1027.42 | 978.91 | 939.87 | 901.19 |
| C/γ(°) | 27.0 | 28.0 | 29.0 | 30.0 | 31.0 | 32.0 | 33.0 | 34.0 | 35.0 |
| 0.0 | 874.38 | 852.61 | 832.83 | 787.36 | 724.10 | 623.62 | 532.38 | 434.65 | 310.40 |
| 45.0 | 928.23 | 897.79 | 870.29 | 848.63 | 810.01 | 726.91 | 644.39 | 532.03 | 436.05 |
| 90.0 | 810.83 | 789.94 | 767.41 | 716.14 | 650.18 | 573.70 | 490.42 | 383.79 | 298.41 |
| 135.0 | 912.42 | 885.50 | 863.27 | 834.00 | 793.62 | 730.42 | 651.41 | 537.88 | 437.81 |
| 180.0 | 883.16 | 858.58 | 838.10 | 804.16 | 753.83 | 680.09 | 572.41 | 479.36 | 383.97 |
| 225.0 | 848.75 | 828.97 | 802.28 | 735.63 | 660.02 | 574.81 | 461.39 | 369.04 | 280.09 |
| 270.0 | 832.83 | 808.84 | 784.26 | 760.27 | 698.82 | 632.10 | 553.10 | 439.56 | 356.46 |
| 315.0 | 859.52 | 839.97 | 810.89 | 747.45 | 674.12 | 587.68 | 492.53 | 368.93 | 272.07 |
| 360.0 | 874.38 | 852.61 | 832.83 | 787.36 | 724.10 | 623.62 | 532.38 | 434.65 | 310.40 |
| C/γ(°) | 36.0 | 37.0 | 38.0 | 39.0 | 40.0 | 41.0 | 42.0 | 43.0 | 44.0 |
| 0.0 | 217.35 | 137.76 | 62.62 | 32.13 | 22.12 | 20.19 | 18.20 | 17.26 | 16.68 |
| 45.0 | 340.66 | 317.84 | 208.16 | 78.07 | 40.50 | 26.92 | 24.05 | 22.12 | 20.78 |
| 90.0 | 218.00 | 144.49 | 74.09 | 42.90 | 30.96 | 28.32 | 26.63 | 25.34 | 24.35 |
| 135.0 | 336.56 | 312.57 | 199.80 | 73.21 | 38.92 | 26.28 | 24.58 | 23.23 | 21.89 |
| 180.0 | 313.15 | 313.15 | 105.28 | 43.89 | 24.29 | 21.48 | 19.37 | 18.79 | 18.55 |
| 225.0 | 177.38 | 107.62 | 55.13 | 25.16 | 23.00 | 21.36 | 20.78 | 20.37 | 19.90 |
| 270.0 | 313.74 | 313.74 | 102.06 | 56.30 | 35.05 | 29.67 | 27.68 | 27.10 | 26.74 |
| 315.0 | 186.04 | 114.59 | 53.67 | 32.71 | 28.32 | 26.63 | 25.57 | 24.40 | 24.23 |
| 360.0 | 217.35 | 137.76 | 62.62 | 32.13 | 22.12 | 20.19 | 18.20 | 17.26 | 16.68 |

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 | 16.39 | 16.09 | 15.92 | 15.86 | 15.68 | 15.57 | 15.39 | 15.22 | 15.16 |
| 45.0 | 19.84 | 19.25 | 18.96 | 18.49 | 17.91 | 17.79 | 17.44 | 17.26 | 16.68 |
| 90.0 | 23.58 | 22.94 | 22.00 | 21.01 | 20.25 | 19.96 | 19.78 | 19.31 | 19.31 |
| 135.0 | 21.30 | 20.48 | 19.37 | 18.61 | 18.08 | 17.67 | 17.50 | 17.03 | 16.62 |
| 180.0 | 18.26 | 17.85 | 17.15 | 16.68 | 16.39 | 16.15 | 15.92 | 15.68 | 15.33 |
| 225.0 | 19.20 | 18.61 | 18.02 | 17.32 | 17.15 | 17.03 | 16.85 | 16.50 | 16.27 |
| 270.0 | 25.40 | 24.76 | 24.17 | 23.76 | 22.82 | 22.41 | 22.18 | 21.07 | 19.96 |
| 315.0 | 22.77 | 21.65 | 20.66 | 20.13 | 19.72 | 19.25 | 18.20 | 17.73 | 17.50 |
| 360.0 | 16.39 | 16.09 | 15.92 | 15.86 | 15.68 | 15.57 | 15.39 | 15.22 | 15.16 |
| C/γ(°) | 54.0 | 55.0 | 56.0 | 57.0 | 58.0 | 59.0 | 60.0 | 61.0 | 62.0 |
| 0.0 | 15.04 | 15.04 | 15.10 | 15.16 | 15.22 | 15.22 | 15.16 | 15.04 | 14.81 |
| 45.0 | 16.50 | 16.44 | 16.15 | 16.04 | 16.15 | 16.50 | 16.56 | 16.44 | 16.27 |
| 90.0 | 19.20 | 18.67 | 18.08 | 18.32 | 18.55 | 18.61 | 18.61 | 18.14 | 17.38 |
| 135.0 | 16.33 | 16.15 | 16.04 | 15.86 | 16.09 | 16.39 | 16.39 | 16.39 | 16.33 |
| 180.0 | 14.98 | 14.81 | 14.81 | 14.86 | 14.92 | 14.98 | 14.92 | 14.81 | 14.75 |
| 225.0 | 16.21 | 15.86 | 15.86 | 15.92 | 15.98 | 15.98 | 15.80 | 15.39 | 15.04 |
| 270.0 | 19.90 | 19.84 | 19.37 | 19.14 | 19.84 | 19.84 | 19.49 | 19.55 | 19.25 |
| 315.0 | 17.32 | 16.56 | 16.04 | 16.27 | 16.39 | 16.39 | 16.56 | 16.74 | 16.39 |
| 360.0 | 15.04 | 15.04 | 15.10 | 15.16 | 15.22 | 15.22 | 15.16 | 15.04 | 14.81 |
| C/γ(°) | 63.0 | 64.0 | 65.0 | 66.0 | 67.0 | 68.0 | 69.0 | 70.0 | 71.0 |
| 0.0 | 14.63 | 14.46 | 14.28 | 14.16 | 13.99 | 13.87 | 13.69 | 13.46 | 13.11 |
| 45.0 | 15.80 | 15.51 | 15.22 | 15.10 | 15.04 | 14.22 | 14.16 | 13.93 | 13.46 |
| 90.0 | 16.44 | 15.86 | 15.39 | 15.16 | 14.98 | 14.57 | 14.16 | 13.75 | 13.40 |
| 135.0 | 15.51 | 15.16 | 14.92 | 14.81 | 14.51 | 14.28 | 14.10 | 13.93 | 13.58 |
| 180.0 | 14.57 | 14.46 | 14.46 | 14.40 | 14.28 | 14.34 | 14.10 | 13.64 | 13.28 |
| 225.0 | 14.69 | 14.51 | 14.40 | 14.34 | 14.16 | 14.10 | 13.75 | 13.40 | 12.99 |
| 270.0 | 18.79 | 17.26 | 17.09 | 16.50 | 15.63 | 15.27 | 14.92 | 14.05 | 13.64 |
| 315.0 | 15.39 | 15.22 | 15.16 | 14.92 | 14.63 | 14.51 | 13.81 | 13.40 | 12.93 |
| 360.0 | 14.63 | 14.46 | 14.28 | 14.16 | 13.99 | 13.87 | 13.69 | 13.46 | 13.11 |
| C/γ(°) | 72.0 | 73.0 | 74.0 | 75.0 | 76.0 | 77.0 | 78.0 | 79.0 | 80.0 |
| 0.0 | 12.70 | 12.41 | 12.17 | 12.06 | 11.94 | 11.88 | 11.82 | 11.76 | 11.76 |
| 45.0 | 13.11 | 12.70 | 12.35 | 12.06 | 11.88 | 11.82 | 11.82 | 11.76 | 11.70 |
| 90.0 | 13.28 | 12.87 | 12.70 | 12.52 | 12.47 | 12.41 | 12.35 | 12.23 | 12.17 |
| 135.0 | 13.28 | 12.93 | 12.52 | 12.29 | 12.11 | 12.00 | 12.00 | 11.94 | 11.88 |
| 180.0 | 12.82 | 12.47 | 12.23 | 12.06 | 11.94 | 11.88 | 11.82 | 11.76 | 11.65 |
| 225.0 | 12.52 | 12.11 | 11.94 | 11.88 | 11.76 | 11.76 | 11.70 | 11.65 | 11.59 |
| 270.0 | 13.28 | 12.99 | 12.70 | 12.52 | 12.47 | 12.41 | 12.35 | 12.29 | 12.17 |
| 315.0 | 12.64 | 12.29 | 12.06 | 12.00 | 11.88 | 11.82 | 11.76 | 11.76 | 11.70 |
| 360.0 | 12.70 | 12.41 | 12.17 | 12.06 | 11.94 | 11.88 | 11.82 | 11.76 | 11.76 |
| C/γ(°) | 81.0 | 82.0 | 83.0 | 84.0 | 85.0 | 86.0 | 87.0 | 88.0 | 89.0 |
| 0.0 | 11.70 | 11.70 | 11.70 | 11.65 | 11.65 | 11.59 | 11.53 | 11.53 | 11.35 |
| 45.0 | 11.65 | 11.65 | 11.59 | 11.59 | 11.53 | 11.53 | 11.47 | 11.47 | 11.41 |
| 90.0 | 12.06 | 11.88 | 11.76 | 11.70 | 11.59 | 11.47 | 11.41 | 11.41 | 11.24 |
| 135.0 | 11.76 | 11.76 | 11.70 | 11.70 | 11.65 | 11.59 | 11.53 | 11.47 | 11.47 |
| 180.0 | 11.70 | 11.65 | 11.59 | 11.59 | 11.53 | 11.53 | 11.47 | 11.47 | 11.29 |
| 225.0 | 11.59 | 11.59 | 11.59 | 11.53 | 11.47 | 11.41 | 11.41 | 11.35 | 11.24 |
| 270.0 | 12.06 | 12.06 | 11.88 | 11.70 | 11.59 | 11.47 | 11.41 | 11.29 | 11.24 |
| 315.0 | 11.70 | 11.65 | 11.65 | 11.59 | 11.59 | 11.53 | 11.47 | 11.41 | 11.24 |
| 360.0 | 11.70 | 11.70 | 11.70 | 11.65 | 11.65 | 11.59 | 11.53 | 11.53 | 11.35 |

Intensity data(cd)

| | |
|--------|-------|
| C/γ(°) | 90.0 |
| 0.0 | 11.24 |
| 45.0 | 11.24 |
| 90.0 | 11.24 |
| 135.0 | 11.29 |
| 180.0 | 11.18 |
| 225.0 | 11.18 |
| 270.0 | 11.24 |
| 315.0 | 11.24 |
| 360.0 | 11.24 |