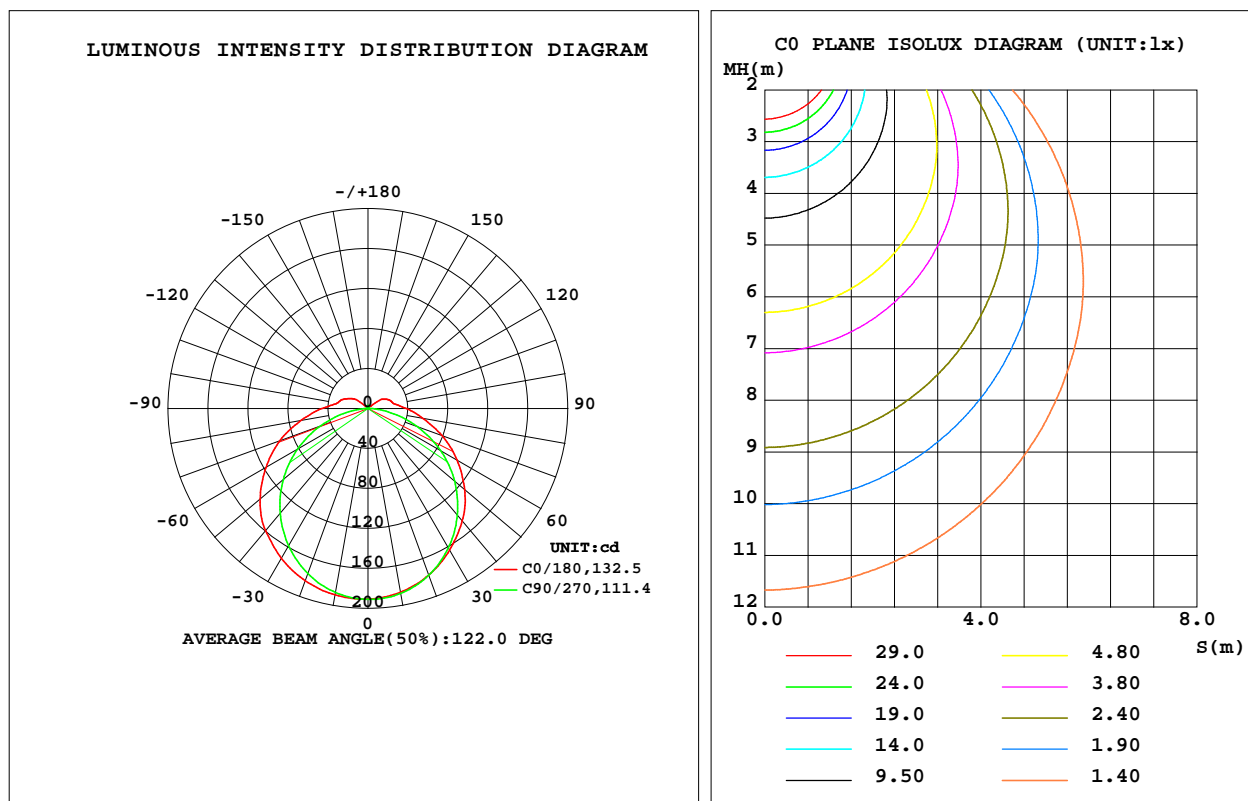


LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|---|-------------------|------------------|
| Test:U:24.00V I:0.4078A P:9.786W PF:1.000 Freq:0Hz Lamp Flux:685.504x1 lm | | |
| NAME: NNT0711 | TYPE:01 | WEIGHT: |
| SPEC.:NNT0711-9SW24CSN050CC0100 | DIM.: 1000*7*11mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*7 | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 70.05 lm/W | | | |
|------------------|---------|----------------------------------|--------|-------------------|----------|
| MODEL | NNT0711 | I _{max} (cd) | 191.4 | S/MH(C0/180) | 1.28 |
| NOMINAL POWER(W) | 10 | LOR(%) | 100.0 | S/MH(C90/270) | 1.24 |
| RATED VOLTAGE(V) | 24 | TOTAL FLUX(lm) | 685.50 | h UP,DN(C0-180) | 4.2,45.4 |
| NOMINAL FLUX(lm) | 685.504 | CIE CLASS | DIRECT | h UP,DN(C180-360) | 4.3,46.2 |
| LAMPS INSIDE | 1 | h up(%) | 8.4 | CIBSE SHR NOM | 1.50 |
| TEST VOLTAGE(V) | 24 | h down(%) | 91.6 | CIBSE SHR MAX | 1.50 |



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2021-04-08

g Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.950m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

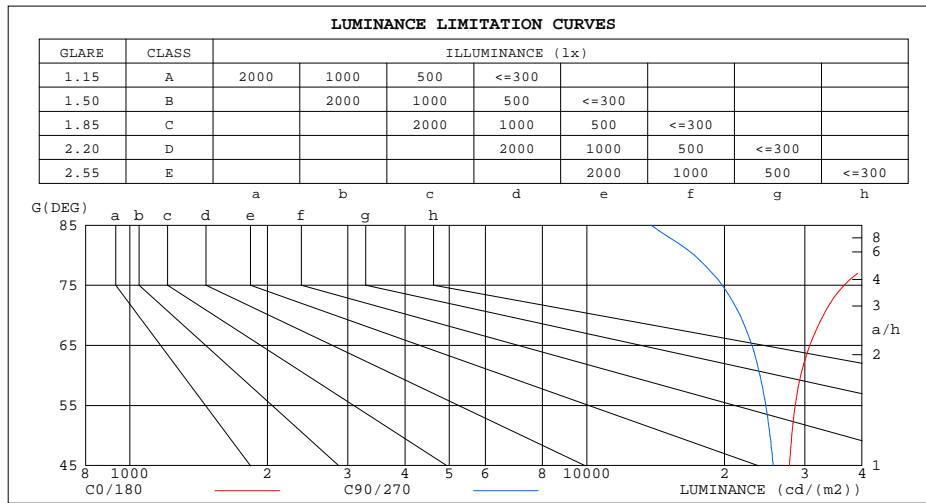
| g | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | g | F zone | F total | %lum,lamp |
|-----|-----------------------|-------|--------|-------|-------|-------|--------|-------|---------|---------|---------|-----------|
| 10 | 186.8 | 187.5 | 187.9 | 189.5 | 189.3 | 188.4 | 186.9 | 186.9 | 0- 10 | 18.09 | 18.09 | 2.64,2.64 |
| 20 | 177.5 | 177.6 | 177.6 | 181.6 | 183.5 | 179.9 | 175.8 | 176.3 | 10- 20 | 51.96 | 70.05 | 10.2,10.2 |
| 30 | 163.6 | 162.2 | 161.0 | 168.2 | 173.3 | 166.1 | 158.7 | 160.2 | 20- 30 | 79.34 | 149.4 | 21.8,21.8 |
| 40 | 146.8 | 142.2 | 139.2 | 150.2 | 159.5 | 148.0 | 136.7 | 139.8 | 30- 40 | 97.12 | 246.5 | 36,36 |
| 50 | 126.4 | 119.1 | 113.3 | 128.1 | 141.0 | 126.2 | 110.7 | 116.6 | 40- 50 | 103.7 | 350.2 | 51.1,51.1 |
| 60 | 102.8 | 94.26 | 83.73 | 104.4 | 117.8 | 102.6 | 81.39 | 91.71 | 50- 60 | 98.67 | 448.9 | 65.5,65.5 |
| 70 | 78.85 | 67.88 | 51.84 | 77.85 | 93.82 | 76.31 | 49.98 | 65.66 | 60- 70 | 83.07 | 532.0 | 77.6,77.6 |
| 80 | 55.53 | 42.48 | 20.91 | 50.77 | 67.60 | 49.63 | 19.71 | 40.71 | 70- 80 | 59.72 | 591.7 | 86.3,86.3 |
| 90 | 38.56 | 24.98 | 1.372 | 29.57 | 46.16 | 28.94 | 0.9780 | 23.98 | 80- 90 | 36.00 | 627.7 | 91.6,91.6 |
| 100 | 27.42 | 15.45 | 0.6013 | 18.16 | 31.53 | 18.01 | 0.4148 | 11.85 | 90-100 | 20.80 | 648.5 | 94.6,94.6 |
| 110 | 23.78 | 13.84 | 0.9204 | 14.87 | 27.02 | 14.86 | 0.8684 | 12.49 | 100-110 | 15.46 | 664.0 | 96.9,96.9 |
| 120 | 19.09 | 4.608 | 1.363 | 6.940 | 19.92 | 6.928 | 1.236 | 3.964 | 110-120 | 11.37 | 675.3 | 98.5,98.5 |
| 130 | 5.137 | 2.124 | 1.696 | 2.011 | 7.982 | 1.737 | 1.543 | 1.703 | 120-130 | 4.924 | 680.3 | 99.2,99.2 |
| 140 | 2.812 | 2.171 | 1.989 | 2.031 | 2.124 | 1.897 | 1.764 | 1.896 | 130-140 | 1.766 | 682.0 | 99.5,99.5 |
| 150 | 2.678 | 2.244 | 2.190 | 2.351 | 2.171 | 2.297 | 2.018 | 1.997 | 140-150 | 1.350 | 683.4 | 99.7,99.7 |
| 160 | 2.785 | 2.405 | 2.565 | 2.652 | 2.451 | 2.585 | 2.492 | 2.211 | 150-160 | 1.095 | 684.5 | 99.8,99.8 |
| 170 | 2.859 | 2.772 | 2.972 | 2.912 | 2.518 | 2.845 | 2.919 | 2.745 | 160-170 | 0.7527 | 685.2 | 100,100 |
| 180 | 2.732 | 3.199 | 3.233 | 3.306 | 2.752 | 3.199 | 3.260 | 3.293 | 170-180 | 0.2779 | 685.5 | 100,100 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JYH
 Test Date:2021-04-08

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.950m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|---|-------------------|------------------|
| Test:U:24.00V I:0.4078A P:9.786W PF:1.000 Freq:0Hz Lamp Flux:685.504x1 lm | | |
| NAME: NNT0711 | TYPE:01 | WEIGHT: |
| SPEC.:NNT0711-9SW24CSN050CC0100 | DIM.: 1000*7*11mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*7 | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G(180) | C0/180 | C90/270 |
| 85 | 76239 | 13806 |
| 80 | 45684 | 17200 |
| 75 | 36548 | 19790 |
| 70 | 32935 | 21651 |
| 65 | 30748 | 22975 |
| 60 | 29372 | 23923 |
| 55 | 28569 | 24636 |
| 50 | 28090 | 25175 |
| 45 | 27757 | 25591 |

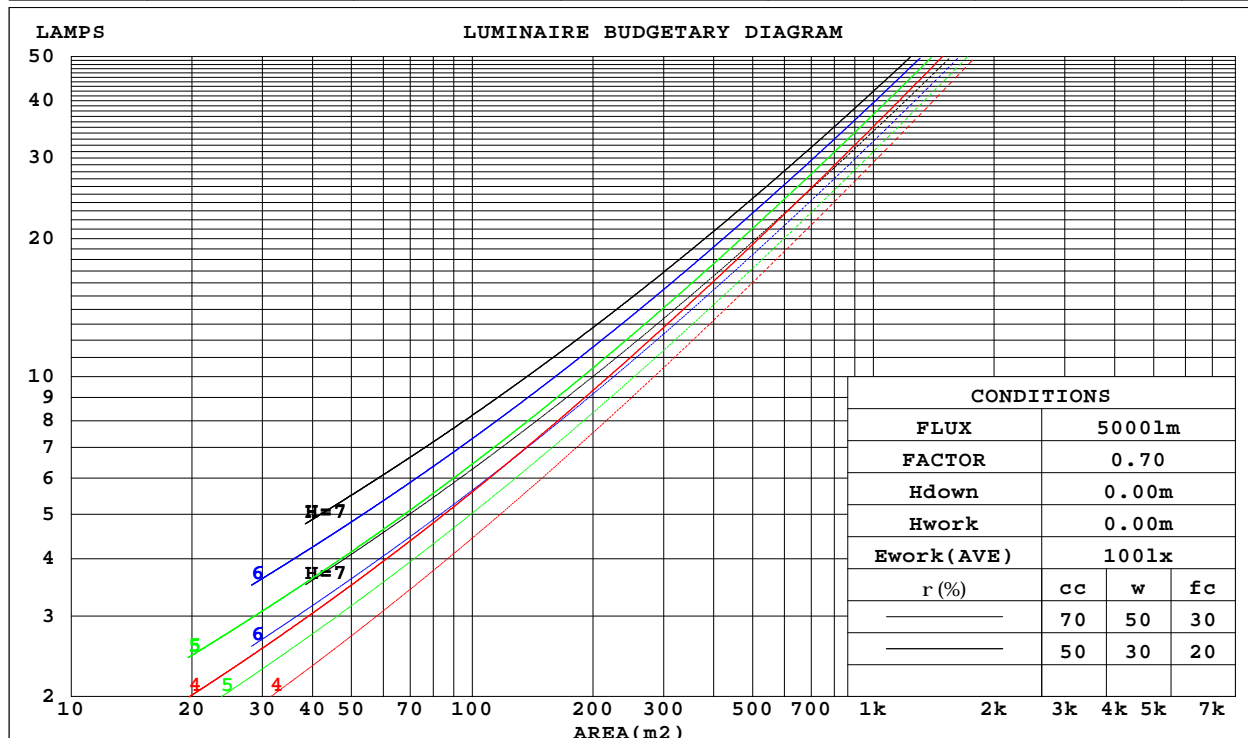
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2021-04-08

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.950m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|---|-------------------|------------------|
| Test:U:24.00V I:0.4078A P:9.786W PF:1.000 Freq:0Hz Lamp Flux:685.504x1 lm | | |
| NAME: NNT0711 | TYPE:01 | WEIGHT: |
| SPEC.:NNT0711-9SW24CSN050CC0100 | DIM.: 1000*7*11mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*7 | Shielding Angle: |

| r _{cc} | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|-----------------|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|
| r _w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| r _{fc} | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | | | | | | | | | | |



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2021-04-08

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.950m [K=1.0000]
Remarks:

WEC AND CCEC

| | | |
|---|-------------------|------------------|
| Test:U:24.00V I:0.4078A P:9.786W PF:1.000 Freq:0Hz Lamp Flux:685.504x1 lm | | |
| NAME: NNT0711 | TYPE:01 | WEIGHT: |
| SPEC.:NNT0711-9SW24CSN050CC0100 | DIM.: 1000*7*11mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*7 | Shielding Angle: |

| | | | | | | | | | | | | | | | | |
|------|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|
| rcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
| rw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| rfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio Wall Exitance Coefficients(WEC) | | | | | | | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | |
| 1.0 | .356 | .203 | .064 | .347 | .198 | .063 | .328 | .188 | .060 | .312 | .180 | .058 | .296 | .172 | .055 | |
| 2.0 | .318 | .174 | .054 | .310 | .171 | .053 | .293 | .163 | .051 | .278 | .156 | .049 | .264 | .149 | .047 | |
| 3.0 | .287 | .153 | .046 | .279 | .150 | .045 | .265 | .143 | .044 | .251 | .138 | .042 | .239 | .132 | .041 | |
| 4.0 | .261 | .136 | .040 | .254 | .133 | .039 | .241 | .128 | .038 | .229 | .123 | .037 | .217 | .118 | .036 | |
| 5.0 | .239 | .122 | .035 | .232 | .119 | .035 | .221 | .115 | .034 | .210 | .111 | .033 | .199 | .106 | .032 | |
| 6.0 | .220 | .110 | .032 | .214 | .108 | .031 | .203 | .104 | .030 | .193 | .100 | .030 | .184 | .097 | .029 | |
| 7.0 | .203 | .101 | .029 | .198 | .099 | .028 | .189 | .095 | .027 | .179 | .092 | .027 | .171 | .089 | .026 | |
| 8.0 | .189 | .092 | .026 | .184 | .091 | .026 | .176 | .088 | .025 | .167 | .085 | .024 | .159 | .082 | .024 | |
| 9.0 | .177 | .085 | .024 | .172 | .084 | .024 | .164 | .081 | .023 | .157 | .079 | .022 | .150 | .076 | .022 | |
| 10.0 | .166 | .079 | .022 | .162 | .078 | .022 | .154 | .076 | .021 | .147 | .073 | .021 | .141 | .071 | .020 | |

| | | | | | | | | | | | | | | | | |
|------|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|
| rcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
| rw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| rfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio Ceiling Cavity Exitance Coefficients(CCEC) | | | | | | | | | | | | | | | |
| 0.0 | .255 | .255 | .255 | .218 | .218 | .218 | .149 | .149 | .149 | .085 | .085 | .085 | .027 | .027 | .027 | |
| 1.0 | .248 | .220 | .195 | .212 | .189 | .168 | .145 | .130 | .116 | .084 | .075 | .068 | .027 | .024 | .022 | |
| 2.0 | .241 | .197 | .160 | .206 | .170 | .138 | .141 | .117 | .096 | .082 | .068 | .057 | .026 | .022 | .018 | |
| 3.0 | .233 | .180 | .137 | .200 | .155 | .119 | .137 | .108 | .084 | .079 | .063 | .049 | .025 | .020 | .016 | |
| 4.0 | .226 | .167 | .122 | .194 | .144 | .106 | .133 | .101 | .075 | .077 | .059 | .044 | .025 | .019 | .015 | |
| 5.0 | .218 | .157 | .112 | .187 | .136 | .097 | .129 | .095 | .069 | .075 | .056 | .041 | .024 | .018 | .013 | |
| 6.0 | .211 | .149 | .105 | .181 | .129 | .091 | .125 | .090 | .064 | .072 | .053 | .038 | .023 | .017 | .013 | |
| 7.0 | .204 | .142 | .099 | .175 | .123 | .086 | .121 | .086 | .061 | .070 | .051 | .036 | .023 | .017 | .012 | |
| 8.0 | .197 | .136 | .095 | .170 | .118 | .083 | .117 | .083 | .059 | .068 | .049 | .035 | .022 | .016 | .012 | |
| 9.0 | .191 | .132 | .092 | .164 | .114 | .080 | .114 | .080 | .057 | .066 | .047 | .034 | .021 | .016 | .011 | |
| 10.0 | .185 | .127 | .089 | .159 | .111 | .078 | .111 | .078 | .055 | .064 | .046 | .033 | .021 | .015 | .011 | |

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2021-04-08

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.950m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | | |
|---|------------------|------|------|------|-------------------|----------------|------|------------------|------|------|------|
| Test:U:24.00V I:0.4078A P:9.786W PF:1.000 Freq:0Hz Lamp Flux:685.504x1 lm | | | | | | | | | | | |
| NAME: NNT0711 | | | | | TYPE:01 | | | WEIGHT: | | | |
| SPEC.:NNT0711-9SW24CSN050CC0100 | | | | | DIM.: 1000*7*11mm | | | SERIAL No.: | | | |
| MFR.: COLORS | | | | | SUR.:1000*7 | | | Shielding Angle: | | | |
| ceiling/cavity | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | |
| walls | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | |
| working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | |
| Room dimensions | Viewed crosswise | | | | | Viewed endwise | | | | | |
| x = 2H y = 2H | 25.3 | 26.8 | 25.7 | 27.1 | 27.5 | 24.6 | 26.1 | 25.0 | 26.4 | 26.8 | |
| | 3H | 27.4 | 28.8 | 27.8 | 29.2 | 29.6 | 26.2 | 27.5 | 26.6 | 27.9 | 28.3 |
| | 4H | 28.5 | 29.8 | 28.9 | 30.2 | 30.6 | 26.8 | 28.1 | 27.2 | 28.5 | 28.9 |
| | 6H | 29.6 | 30.8 | 30.1 | 31.3 | 31.7 | 27.2 | 28.4 | 27.6 | 28.8 | 29.3 |
| | 8H | 30.2 | 31.4 | 30.7 | 31.9 | 32.3 | 27.3 | 28.5 | 27.8 | 28.9 | 29.4 |
| | 12H | 31.0 | 32.1 | 31.4 | 32.5 | 33.0 | 27.4 | 28.5 | 27.9 | 29.0 | 29.5 |
| 4H | 2H | 25.9 | 27.2 | 26.3 | 27.6 | 28.0 | 25.4 | 26.7 | 25.8 | 27.1 | 27.5 |
| | 3H | 28.2 | 29.3 | 28.7 | 29.8 | 30.3 | 27.2 | 28.3 | 27.6 | 28.7 | 29.2 |
| | 4H | 29.4 | 30.5 | 29.9 | 31.0 | 31.5 | 27.9 | 29.0 | 28.4 | 29.5 | 30.0 |
| | 6H | 30.8 | 31.7 | 31.3 | 32.2 | 32.7 | 28.5 | 29.5 | 29.1 | 30.0 | 30.5 |
| | 8H | 31.5 | 32.4 | 32.0 | 32.9 | 33.4 | 28.7 | 29.6 | 29.3 | 30.1 | 30.7 |
| | 12H | 32.3 | 33.2 | 32.9 | 33.7 | 34.3 | 28.9 | 29.7 | 29.4 | 30.2 | 30.8 |
| 8H | 4H | 29.8 | 30.6 | 30.3 | 31.1 | 31.7 | 28.5 | 29.4 | 29.0 | 29.9 | 30.4 |
| | 6H | 31.3 | 32.1 | 31.9 | 32.6 | 33.2 | 29.4 | 30.1 | 29.9 | 30.6 | 31.3 |
| | 8H | 32.2 | 32.9 | 32.8 | 33.5 | 34.1 | 29.7 | 30.4 | 30.3 | 30.9 | 31.6 |
| | 12H | 33.3 | 33.9 | 33.9 | 34.5 | 35.1 | 30.0 | 30.6 | 30.6 | 31.2 | 31.8 |
| 12H | 4H | 29.8 | 30.6 | 30.3 | 31.1 | 31.7 | 28.6 | 29.4 | 29.2 | 30.0 | 30.5 |
| | 6H | 31.4 | 32.1 | 32.0 | 32.7 | 33.3 | 29.6 | 30.3 | 30.2 | 30.8 | 31.5 |
| | 8H | 32.4 | 33.0 | 33.0 | 33.6 | 34.2 | 30.1 | 30.7 | 30.7 | 31.3 | 31.9 |
| Variations with the observer position at spacings: | | | | | | | | | | | |
| S = 1.0H | + 0.1 / - 0.1 | | | | | + 0.1 / - 0.2 | | | | | |
| 1.5H | + 0.2 / - 0.3 | | | | | + 0.2 / - 0.3 | | | | | |
| 2.0H | + 0.2 / - 0.3 | | | | | + 0.2 / - 0.4 | | | | | |

CIE Pub.117, 685.5 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.3)

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2021-04-08

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.950m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

| | | |
|---|-------------------|------------------|
| Test:U:24.00V I:0.4078A P:9.786W PF:1.000 Freq:0Hz Lamp Flux:685.504x1 lm | | |
| NAME: NNT0711 | TYPE:01 | WEIGHT: |
| SPEC.:NNT0711-9SW24CSN050CC0100 | DIM.: 1000*7*11mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*7 | Shielding Angle: |

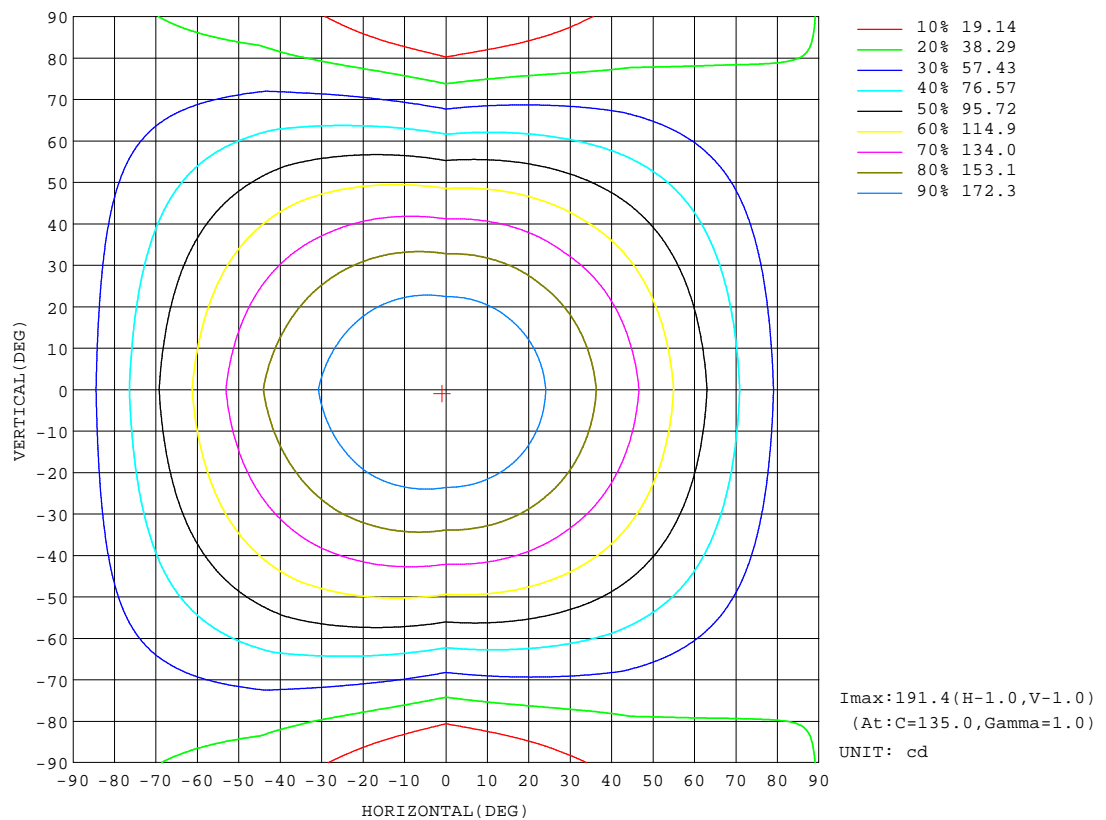
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|---|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| k = 0.60 | 52 | 40 | 33 | 51 | 40 | 33 | 50 | 39 | 33 | 26 |
| 0.80 | 62 | 49 | 42 | 61 | 49 | 41 | 58 | 48 | 41 | 33 |
| 1.00 | 70 | 58 | 50 | 68 | 57 | 49 | 65 | 58 | 49 | 41 |
| 1.25 | 77 | 65 | 57 | 75 | 64 | 57 | 72 | 62 | 55 | 47 |
| 1.50 | 82 | 71 | 63 | 80 | 69 | 62 | 76 | 67 | 61 | 52 |
| 2.00 | 89 | 79 | 72 | 87 | 77 | 70 | 82 | 74 | 68 | 59 |
| 2.50 | 93 | 84 | 77 | 91 | 82 | 76 | 86 | 79 | 73 | 63 |
| 3.00 | 97 | 89 | 82 | 94 | 87 | 80 | 89 | 83 | 78 | 67 |
| 4.00 | 101 | 94 | 89 | 98 | 92 | 87 | 93 | 87 | 83 | 72 |
| 5.00 | 104 | 98 | 93 | 101 | 95 | 91 | 95 | 91 | 87 | 75 |
| ROOM INDEX | UF(total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | | SHRNOM = 1.25 | | |

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JYH
 Test Date:2021-04-08

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.950m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

| | | |
|---|-------------------|------------------|
| Test:U:24.00V I:0.4078A P:9.786W PF:1.000 Freq:0Hz Lamp Flux:685.504x1 lm | | |
| NAME: NNT0711 | TYPE:01 | WEIGHT: |
| SPEC.:NNT0711-9SW24CSN050CC0100 | DIM.: 1000*7*11mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*7 | Shielding Angle: |



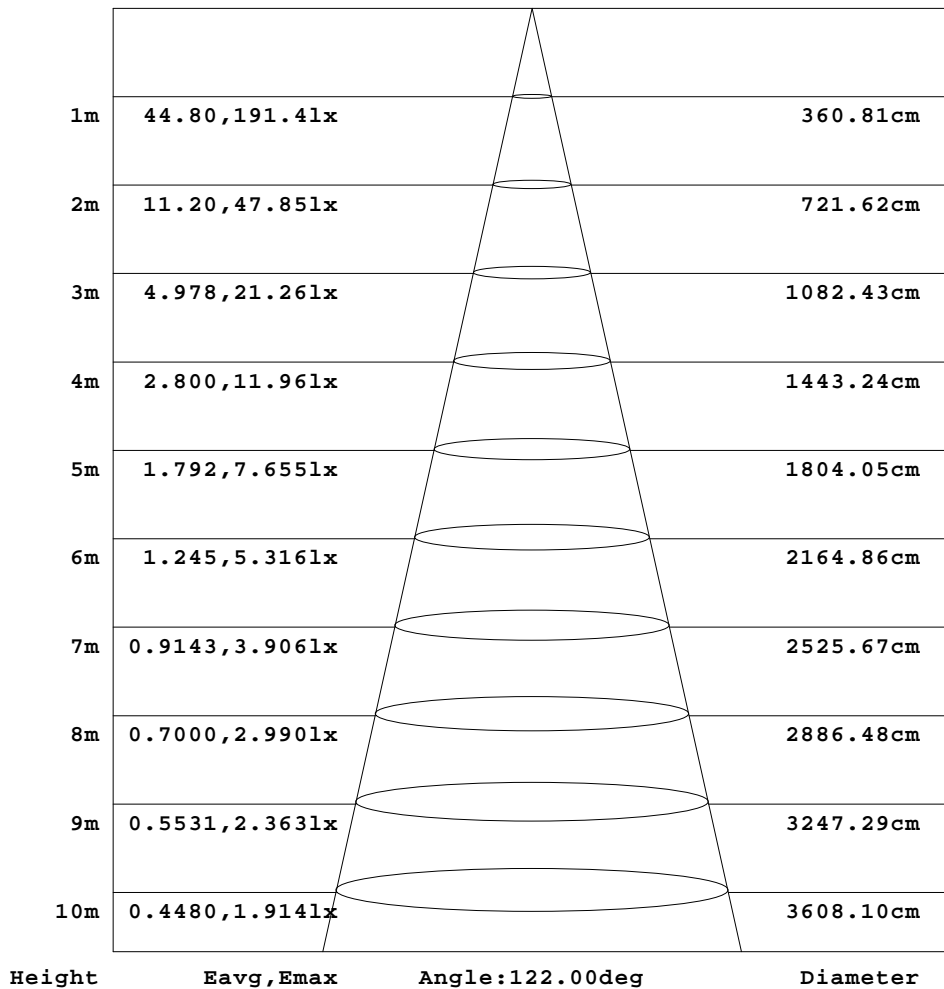
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2021-04-08

Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.950m [K=1.0000]
Remarks:

AAI Figure

| | | |
|---|-------------------|------------------|
| Test:U:24.00V I:0.4078A P:9.786W PF:1.000 Freq:0Hz Lamp Flux:685.504x1 lm | | |
| NAME: NNT0711 | TYPE:01 | WEIGHT: |
| SPEC.:NNT0711-9SW24CSN050CC0100 | DIM.: 1000*7*11mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*7 | Shielding Angle: |

Flux out:458.1 lm



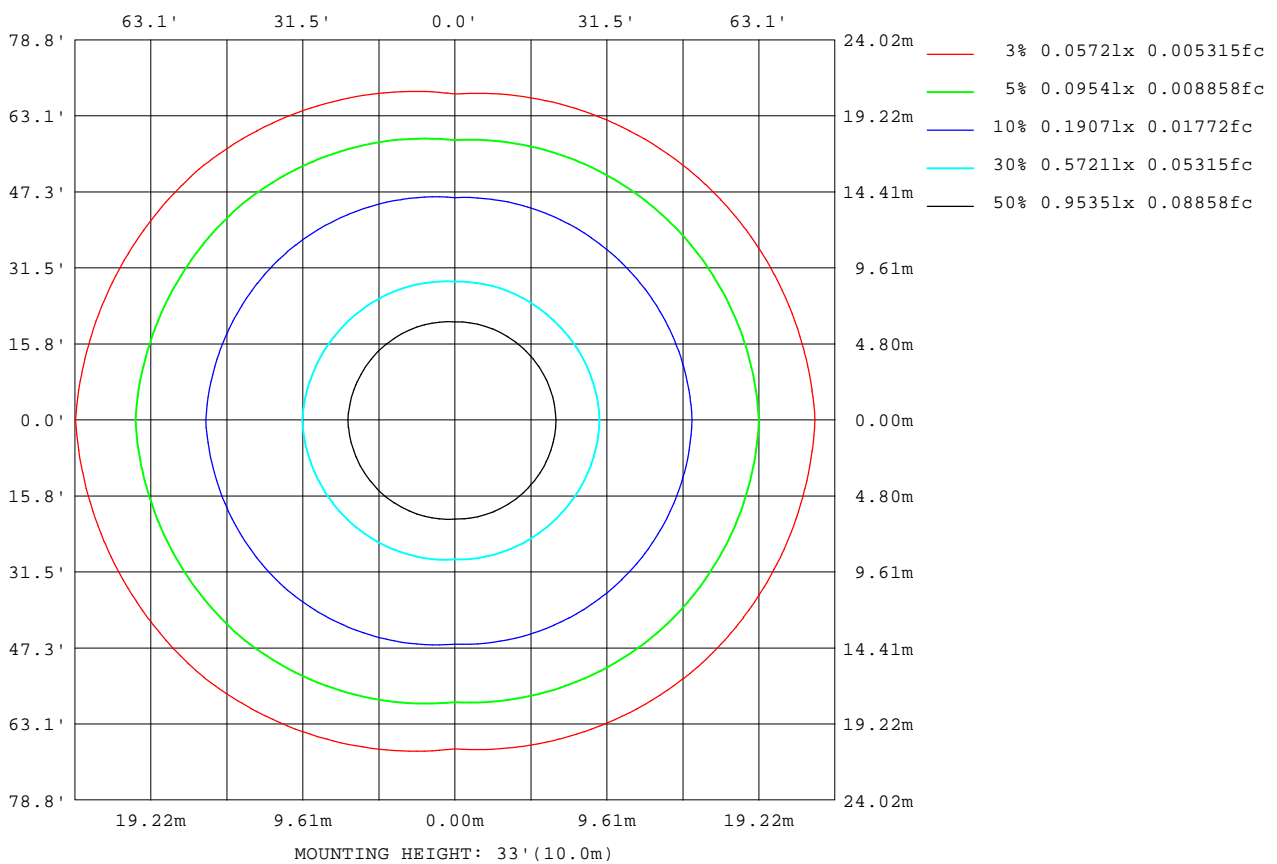
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2021-04-08

g Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.950m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

| | | |
|---|-------------------|------------------|
| Test:U:24.00V I:0.4078A P:9.786W PF:1.000 Freq:0Hz Lamp Flux:685.504x1 lm | | |
| NAME: NNT0711 | TYPE:01 | WEIGHT: |
| SPEC.:NNT0711-9SW24CSN050CC0100 | DIM.: 1000*7*11mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*7 | Shielding Angle: |



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2021-04-08

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.950m [K=1.0000]
Remarks:

LED Avg.L Report

| | | |
|---|-------------------|------------------|
| Test:U:24.00V I:0.4078A P:9.786W PF:1.000 Freq:0Hz Lamp Flux:685.504x1 lm | | |
| NAME: NNT0711 | TYPE:01 | WEIGHT: |
| SPEC.:NNT0711-9SW24CSN050CC0100 | DIM.: 1000*7*11mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*7 | Shielding Angle: |

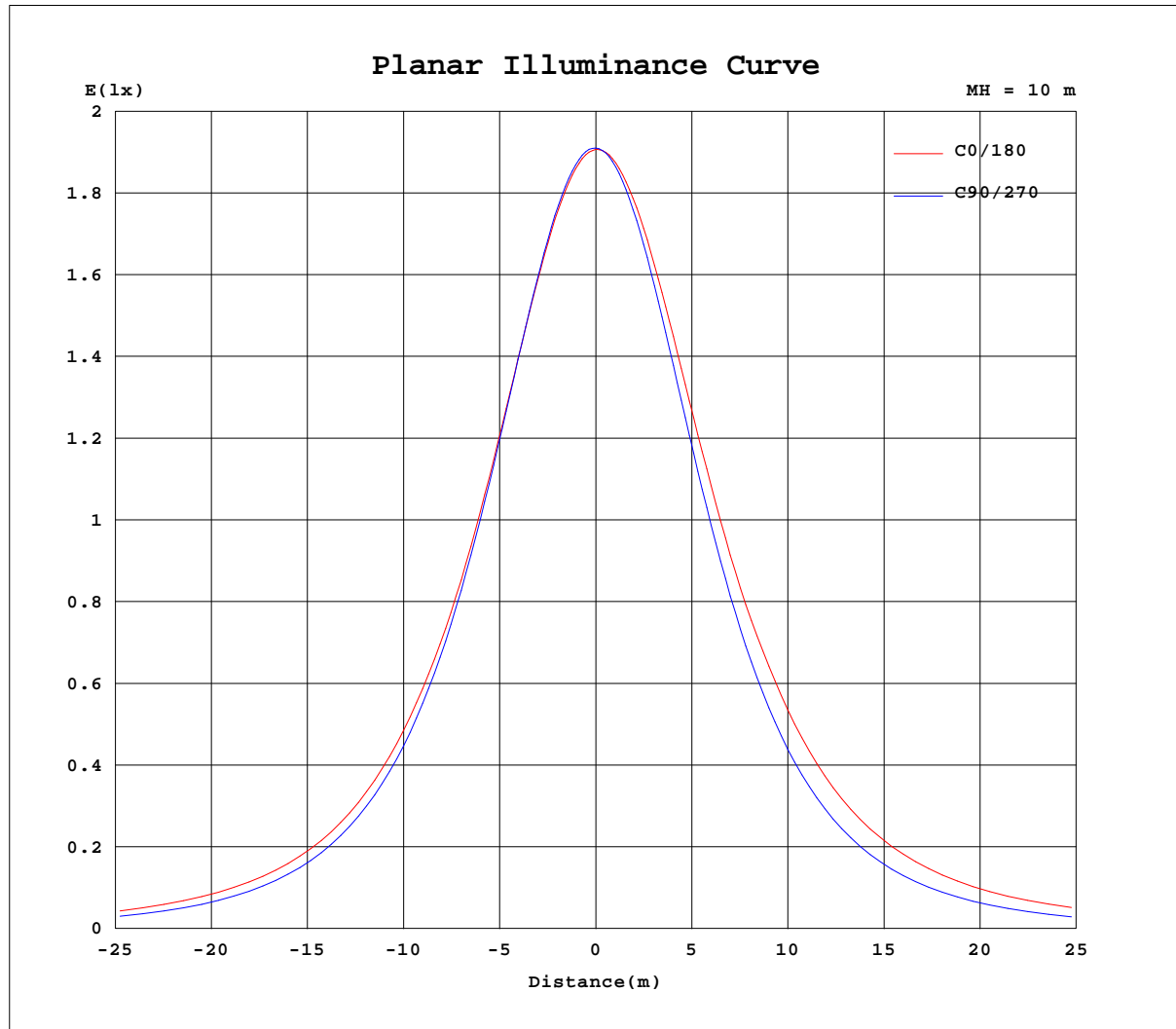
| AvgL | cd/m2 |
|----------------|-------|
| L_0~180(65)av | 33270 |
| L_0~180(75)av | 40448 |
| L_0~180(85)av | 84205 |
| L_90~270(65)av | 22610 |
| L_90~270(75)av | 19393 |
| L_90~270(85)av | 12964 |
| L_45(65)av | 28774 |
| L_45(75)av | 32331 |
| L_45(85)av | 58239 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2021-04-08

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.950m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: JYH
Test Date: 2021-04-08

deg Range: 0 - 180DEG
deg Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 10.950m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---|-------------------|------------------|
| Test:U:24.00V I:0.4078A P:9.786W PF:1.000 Freq:0Hz Lamp Flux:685.504x1 lm | | |
| NAME: NNT0711 | TYPE:01 | WEIGHT: |
| SPEC.:NNT0711-9SW24CSN050CC0100 | DIM.: 1000*7*11mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*7 | Shielding Angle: |

Table--1

UNIT: cd

| C(DEG) g (DEG) | 0 | 45 | 90 | 135 | 180 | 225 | 270 | 315 | | | | | | | | | | |
|-------------------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|--|--|--|--|
| 0 | 191 | 191 | 191 | 191 | 191 | 191 | 191 | 191 | | | | | | | | | | |
| 5 | 189 | 190 | 190 | 191 | 191 | 190 | 190 | 190 | | | | | | | | | | |
| 10 | 187 | 187 | 188 | 190 | 189 | 188 | 187 | 187 | | | | | | | | | | |
| 15 | 183 | 183 | 184 | 186 | 187 | 185 | 182 | 182 | | | | | | | | | | |
| 20 | 177 | 178 | 178 | 182 | 183 | 180 | 176 | 176 | | | | | | | | | | |
| 25 | 171 | 171 | 170 | 176 | 179 | 174 | 168 | 169 | | | | | | | | | | |
| 30 | 164 | 162 | 161 | 168 | 173 | 166 | 159 | 160 | | | | | | | | | | |
| 35 | 155 | 153 | 151 | 160 | 166 | 158 | 148 | 150 | | | | | | | | | | |
| 40 | 147 | 142 | 139 | 150 | 159 | 148 | 137 | 140 | | | | | | | | | | |
| 45 | 137 | 131 | 127 | 139 | 151 | 137 | 124 | 128 | | | | | | | | | | |
| 50 | 126 | 119 | 113 | 128 | 141 | 126 | 111 | 117 | | | | | | | | | | |
| 55 | 115 | 107 | 98.9 | 117 | 130 | 115 | 96.4 | 104 | | | | | | | | | | |
| 60 | 103 | 94.3 | 83.7 | 104 | 118 | 103 | 81.4 | 91.7 | | | | | | | | | | |
| 65 | 91.0 | 81.1 | 68.0 | 91.3 | 106 | 89.5 | 65.8 | 78.6 | | | | | | | | | | |
| 70 | 78.9 | 67.9 | 51.8 | 77.9 | 93.8 | 76.3 | 50.0 | 65.7 | | | | | | | | | | |
| 75 | 66.2 | 54.7 | 35.9 | 64.2 | 80.3 | 62.8 | 34.4 | 52.6 | | | | | | | | | | |
| 80 | 55.5 | 42.5 | 20.9 | 50.8 | 67.6 | 49.6 | 19.7 | 40.7 | | | | | | | | | | |
| 85 | 46.5 | 33.0 | 8.42 | 39.2 | 56.2 | 38.3 | 7.40 | 31.5 | | | | | | | | | | |
| 90 | 38.6 | 25.0 | 1.37 | 29.6 | 46.2 | 28.9 | 0.98 | 24.0 | | | | | | | | | | |
| 95 | 31.9 | 18.4 | 1.01 | 21.9 | 37.4 | 21.3 | 0.77 | 16.7 | | | | | | | | | | |
| 100 | 27.4 | 15.4 | 0.60 | 18.2 | 31.5 | 18.0 | 0.41 | 11.8 | | | | | | | | | | |
| 105 | 25.0 | 15.0 | 0.71 | 16.7 | 29.4 | 16.7 | 0.65 | 13.4 | | | | | | | | | | |
| 110 | 23.8 | 13.8 | 0.92 | 14.9 | 27.0 | 14.9 | 0.87 | 12.5 | | | | | | | | | | |
| 115 | 21.8 | 11.0 | 1.14 | 11.8 | 23.5 | 12.4 | 1.06 | 10.7 | | | | | | | | | | |
| 120 | 19.1 | 4.61 | 1.36 | 6.94 | 19.9 | 6.93 | 1.24 | 3.96 | | | | | | | | | | |
| 125 | 15.7 | 2.09 | 1.56 | 2.66 | 17.0 | 2.44 | 1.41 | 1.66 | | | | | | | | | | |
| 130 | 5.14 | 2.12 | 1.70 | 2.01 | 7.98 | 1.74 | 1.54 | 1.70 | | | | | | | | | | |
| 135 | 2.99 | 2.16 | 1.86 | 2.00 | 3.14 | 1.80 | 1.67 | 1.80 | | | | | | | | | | |
| 140 | 2.81 | 2.17 | 1.99 | 2.03 | 2.12 | 1.90 | 1.76 | 1.90 | | | | | | | | | | |
| 145 | 2.73 | 2.20 | 2.08 | 2.17 | 2.12 | 2.09 | 1.87 | 1.94 | | | | | | | | | | |
| 150 | 2.68 | 2.24 | 2.19 | 2.35 | 2.17 | 2.30 | 2.02 | 2.00 | | | | | | | | | | |
| 155 | 2.74 | 2.30 | 2.35 | 2.51 | 2.30 | 2.45 | 2.25 | 2.11 | | | | | | | | | | |
| 160 | 2.79 | 2.40 | 2.56 | 2.65 | 2.45 | 2.58 | 2.49 | 2.21 | | | | | | | | | | |
| 165 | 2.86 | 2.55 | 2.75 | 2.78 | 2.56 | 2.72 | 2.71 | 2.43 | | | | | | | | | | |
| 170 | 2.86 | 2.77 | 2.97 | 2.91 | 2.52 | 2.85 | 2.92 | 2.74 | | | | | | | | | | |
| 175 | 2.73 | 3.04 | 3.09 | 3.11 | 2.52 | 3.01 | 3.12 | 3.03 | | | | | | | | | | |
| 180 | 2.73 | 3.20 | 3.23 | 3.31 | 2.75 | 3.20 | 3.26 | 3.29 | | | | | | | | | | |

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C Interval: 45.0DEG
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