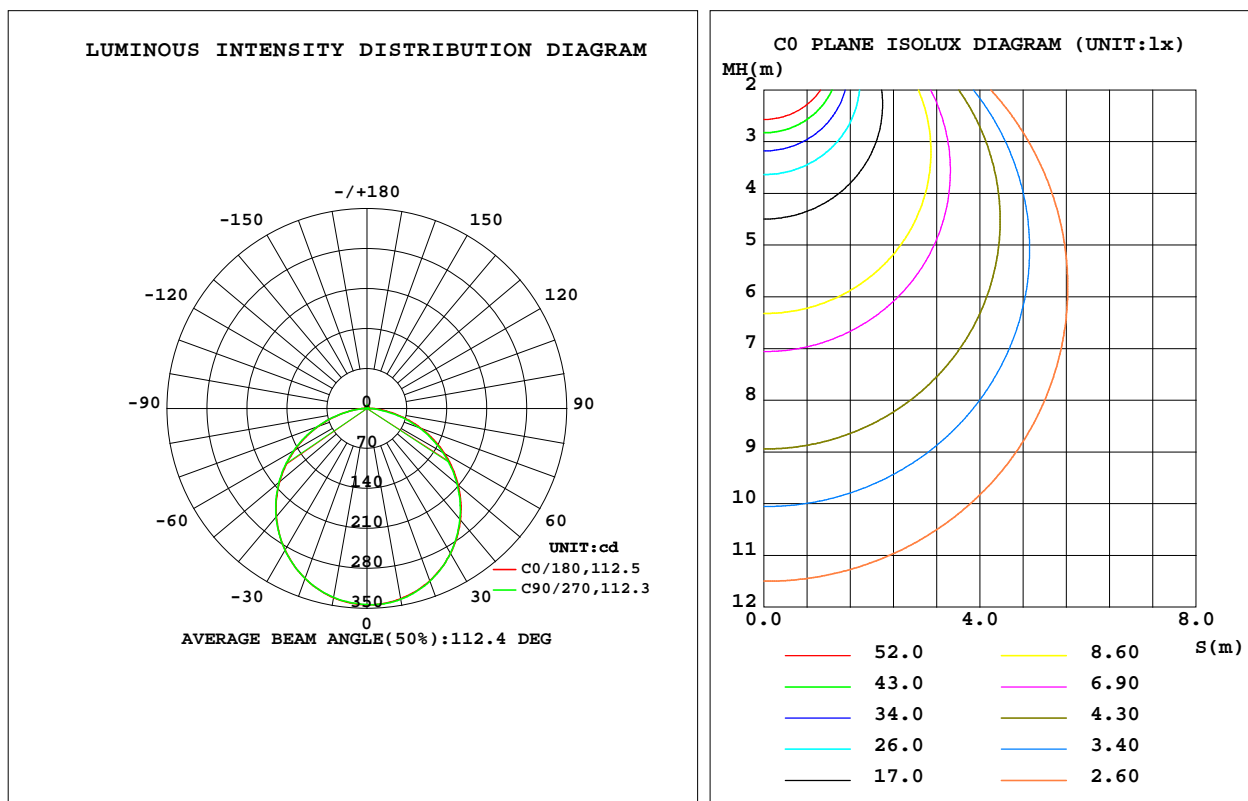


LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|---|--------------------|------------------|
| Test:U:24.00V I:0.6349A P:15.24W PF:1.000 Freq:0Hz Lamp Flux:1007.25x1 lm | | |
| NAME: NMT2015-NP | TYPE: | WEIGHT: |
| SPEC.:NMT2015-9PW24CSS050CC0100-NP | DIM.: 1000*20*15mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*20mm | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 66.11 lm/W | | | |
|------------------|------------|----------------------------------|--------|-------------------|----------|
| MODEL | NMT2015-NP | I _{max} (cd) | 343.7 | S/MH(C0/180) | 1.27 |
| NOMINAL POWER(W) | 14 | LOR(%) | 100.0 | S/MH(C90/270) | 1.24 |
| RATED VOLTAGE(V) | 24 | TOTAL FLUX(lm) | 1007.3 | h UP,DN(C0-180) | 1.3,49.6 |
| NOMINAL FLUX(lm) | 1007.25 | CIE CLASS | DIRECT | h UP,DN(C180-360) | 1.2,48.0 |
| LAMPS INSIDE | 1 | h up(%) | 2.4 | CIBSE SHR NOM | 1.25 |
| TEST VOLTAGE(V) | 24 | h down(%) | 97.6 | CIBSE SHR MAX | 1.35 |



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2021-04-15

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:

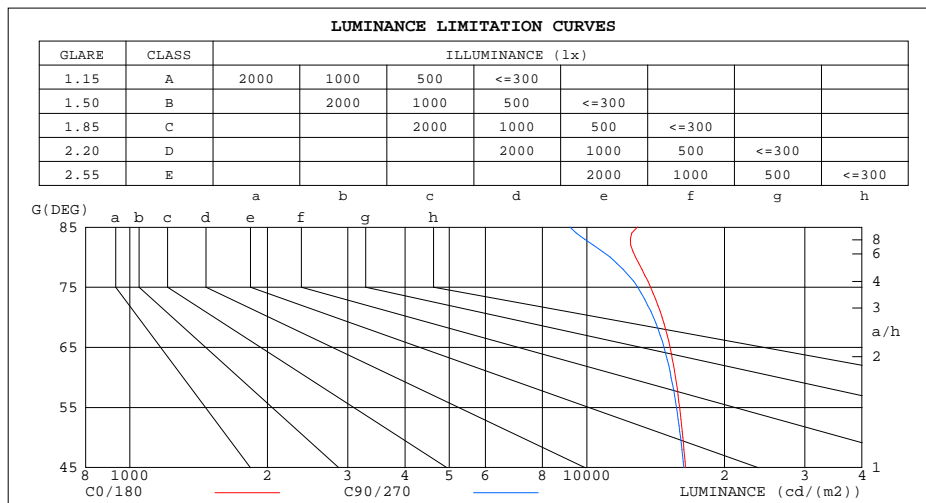
| g | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | g | F zone | F total | %lum,lamp |
|-----|-----------------------|-------|-------|-------|-------|-------|-------|-------|---------|---------|---------|-----------|
| 10 | 338.4 | 339.5 | 339.2 | 335.0 | 336.3 | 334.3 | 335.9 | 333.6 | 0- 10 | 32.41 | 32.41 | 3.22,3.22 |
| 20 | 321.2 | 323.4 | 321.9 | 317.0 | 316.8 | 314.7 | 316.8 | 315.7 | 10- 20 | 92.83 | 125.2 | 12.4,12.4 |
| 30 | 292.8 | 295.9 | 292.6 | 287.8 | 286.5 | 284.9 | 286.8 | 287.4 | 20- 30 | 140.6 | 265.9 | 26.4,26.4 |
| 40 | 254.6 | 257.9 | 253.3 | 248.7 | 247.0 | 245.8 | 247.7 | 250.0 | 30- 40 | 169.5 | 435.4 | 43.2,43.2 |
| 50 | 208.6 | 211.7 | 206.2 | 201.7 | 199.8 | 198.7 | 201.1 | 204.3 | 40- 50 | 176.0 | 611.4 | 60.7,60.7 |
| 60 | 156.3 | 158.0 | 153.0 | 148.9 | 146.6 | 145.5 | 148.5 | 152.2 | 50- 60 | 159.3 | 770.7 | 76.5,76.5 |
| 70 | 100.00 | 99.76 | 95.72 | 91.80 | 89.72 | 88.30 | 91.85 | 96.09 | 60- 70 | 121.5 | 892.2 | 88.6,88.6 |
| 80 | 44.41 | 43.79 | 39.06 | 36.60 | 35.80 | 33.76 | 36.32 | 40.97 | 70- 80 | 69.51 | 961.7 | 95.5,95.5 |
| 90 | 9.123 | 7.259 | 5.001 | 6.683 | 6.636 | 5.708 | 4.147 | 7.243 | 80- 90 | 21.00 | 982.7 | 97.6,97.6 |
| 100 | 3.914 | 3.694 | 1.726 | 4.489 | 3.727 | 4.395 | 2.511 | 3.955 | 90-100 | 4.883 | 987.6 | 98,98 |
| 110 | 4.028 | 4.035 | 1.674 | 4.288 | 3.774 | 4.295 | 1.516 | 4.081 | 100-110 | 3.607 | 991.2 | 98.4,98.4 |
| 120 | 4.261 | 4.357 | 2.551 | 4.261 | 3.814 | 3.540 | 2.246 | 4.095 | 110-120 | 3.522 | 994.7 | 98.8,98.8 |
| 130 | 4.402 | 4.241 | 3.272 | 3.452 | 3.894 | 3.145 | 2.806 | 3.073 | 120-130 | 3.224 | 997.9 | 99.1,99.1 |
| 140 | 4.641 | 3.928 | 3.766 | 3.828 | 4.041 | 4.141 | 3.213 | 3.714 | 130-140 | 2.856 | 1001 | 99.4,99.4 |
| 150 | 4.896 | 4.135 | 4.141 | 4.349 | 4.215 | 4.348 | 3.702 | 3.647 | 140-150 | 2.533 | 1003 | 99.6,99.6 |
| 160 | 5.230 | 4.382 | 4.768 | 4.843 | 4.609 | 4.735 | 4.603 | 3.847 | 150-160 | 2.028 | 1005 | 99.8,99.8 |
| 170 | 5.324 | 5.097 | 5.450 | 5.297 | 4.796 | 5.236 | 5.425 | 4.902 | 160-170 | 1.385 | 1007 | 99.9,99.9 |
| 180 | 5.023 | 5.878 | 6.085 | 5.991 | 4.996 | 5.871 | 6.085 | 5.978 | 170-180 | 0.5115 | 1007 | 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:2021-04-15

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:

LUMINANCE LIMITATION CURVES

| | | |
|---|--------------------|------------------|
| Test:U:24.00V I:0.6349A P:15.24W PF:1.000 Freq:0Hz Lamp Flux:1007.25x1 lm | | |
| NAME: NMT2015-NP | TYPE: | WEIGHT: |
| SPEC.:NMT2015-9PW24CSS050CC0100-NP | DIM.: 1000*20*15mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*20mm | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G(180) | C0/180 | C90/270 |
| 85 | 12907 | 9190 |
| 80 | 12787 | 11246 |
| 75 | 13796 | 12927 |
| 70 | 14618 | 13994 |
| 65 | 15209 | 14753 |
| 60 | 15635 | 15298 |
| 55 | 15960 | 15713 |
| 50 | 16226 | 16039 |
| 45 | 16436 | 16306 |

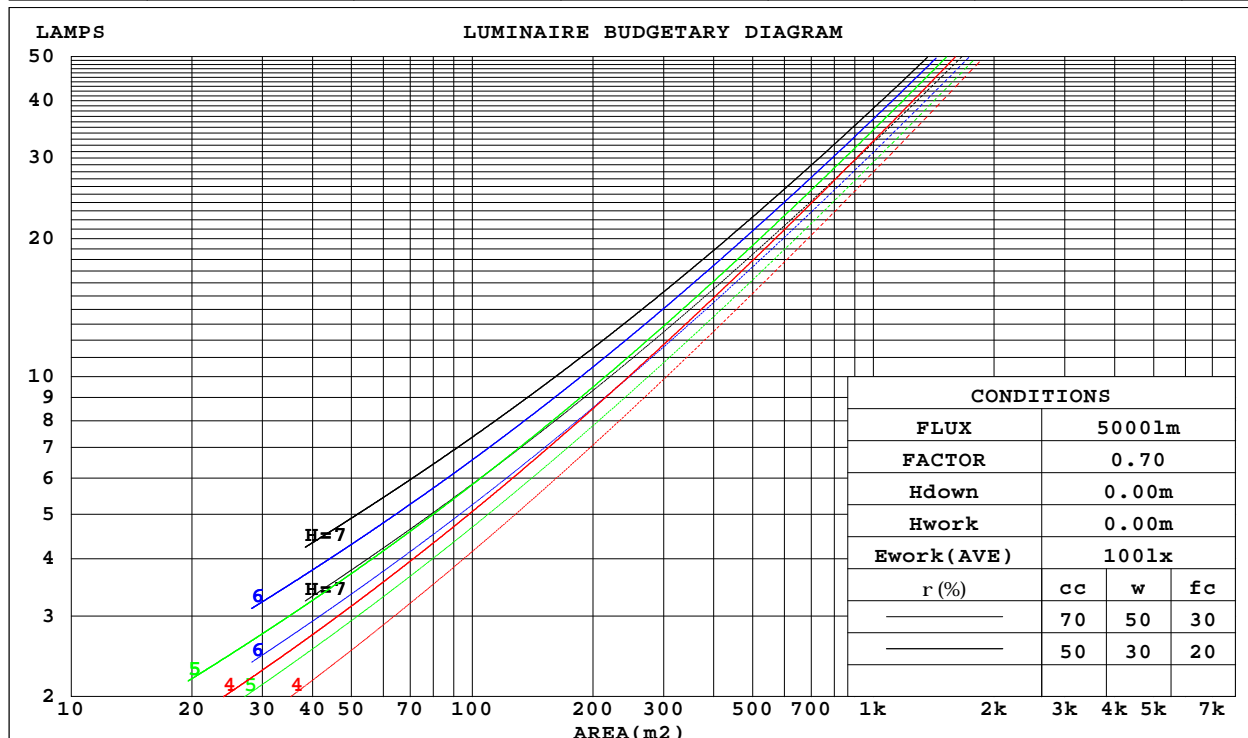
C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JYH
 Test Date:2021-04-15

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:0.6349A P:15.24W PF:1.000 Freq:0Hz Lamp Flux:1007.25x1 lm | | |
| NAME: NMT2015-NP | TYPE: | WEIGHT: |
| SPEC.:NMT2015-9PW24CSS050CC0100-NP | DIM.: 1000*20*15mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*20mm | 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:2021-04-15

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:0.6349A P:15.24W PF:1.000 Freq:0Hz Lamp Flux:1007.25x1 lm | | |
| NAME: NMT2015-NP | TYPE: | WEIGHT: |
| SPEC.:NMT2015-9PW24CSS050CC0100-NP | DIM.: 1000*20*15mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*20mm | 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 | .312 | .177 | .056 | .304 | .173 | .055 | .289 | .166 | .053 | .276 | .159 | .051 | .263 | .153 | .049 | |
| 2.0 | .292 | .160 | .049 | .285 | .157 | .048 | .272 | .151 | .047 | .260 | .146 | .046 | .249 | .141 | .044 | |
| 3.0 | .270 | .144 | .043 | .264 | .141 | .043 | .252 | .137 | .042 | .242 | .132 | .041 | .232 | .128 | .040 | |
| 4.0 | .249 | .129 | .038 | .244 | .127 | .038 | .233 | .124 | .037 | .224 | .120 | .036 | .215 | .117 | .036 | |
| 5.0 | .230 | .117 | .034 | .225 | .116 | .034 | .216 | .112 | .033 | .207 | .109 | .033 | .199 | .107 | .032 | |
| 6.0 | .213 | .107 | .031 | .209 | .106 | .030 | .201 | .103 | .030 | .193 | .100 | .029 | .186 | .098 | .029 | |
| 7.0 | .198 | .098 | .028 | .195 | .097 | .028 | .187 | .095 | .027 | .180 | .092 | .027 | .174 | .090 | .027 | |
| 8.0 | .185 | .091 | .025 | .182 | .090 | .025 | .175 | .088 | .025 | .169 | .086 | .025 | .163 | .084 | .024 | |
| 9.0 | .174 | .084 | .023 | .170 | .083 | .023 | .164 | .081 | .023 | .159 | .080 | .023 | .153 | .078 | .023 | |
| 10.0 | .163 | .078 | .022 | .160 | .077 | .022 | .155 | .076 | .021 | .150 | .074 | .021 | .145 | .073 | .021 | |

| 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 | .209 | .209 | .209 | .179 | .179 | .179 | .122 | .122 | .122 | .070 | .070 | .070 | .022 | .022 | .022 | | |
| 1.0 | .199 | .175 | .153 | .170 | .150 | .132 | .117 | .103 | .091 | .067 | .060 | .053 | .021 | .019 | .017 | | |
| 2.0 | .191 | .151 | .117 | .164 | .130 | .101 | .112 | .090 | .070 | .065 | .052 | .041 | .021 | .017 | .013 | | |
| 3.0 | .183 | .133 | .093 | .157 | .115 | .081 | .108 | .080 | .057 | .062 | .047 | .033 | .020 | .015 | .011 | | |
| 4.0 | .176 | .120 | .077 | .151 | .104 | .067 | .104 | .072 | .047 | .060 | .042 | .028 | .019 | .014 | .009 | | |
| 5.0 | .168 | .110 | .066 | .145 | .095 | .058 | .100 | .066 | .041 | .058 | .039 | .024 | .019 | .013 | .008 | | |
| 6.0 | .161 | .101 | .058 | .139 | .088 | .051 | .096 | .061 | .036 | .055 | .036 | .021 | .018 | .012 | .007 | | |
| 7.0 | .154 | .094 | .052 | .133 | .082 | .046 | .092 | .057 | .032 | .053 | .034 | .019 | .017 | .011 | .006 | | |
| 8.0 | .148 | .089 | .048 | .127 | .077 | .042 | .088 | .054 | .030 | .051 | .032 | .018 | .017 | .010 | .006 | | |
| 9.0 | .142 | .084 | .045 | .122 | .073 | .039 | .085 | .051 | .028 | .049 | .030 | .016 | .016 | .010 | .005 | | |
| 10.0 | .136 | .080 | .042 | .117 | .069 | .036 | .082 | .049 | .026 | .048 | .029 | .015 | .015 | .009 | .005 | | |

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2021-04-15

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:0.6349A P:15.24W PF:1.000 Freq:0Hz Lamp Flux:1007.25x1 lm | | | | | | | | | | |
| NAME: NMT2015-NP | | | | | TYPE: | | | WEIGHT: | | |
| SPEC.:NMT2015-9PW24CSS050CC0100-NP | | | | | DIM.: 1000*20*15mm | | | SERIAL No.: | | |
| MFR.: COLORS | | | | | SUR.:1000*20mm | | | 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 | 22.5 | 24.0 | 22.8 | 24.2 | 24.5 | 22.4 | 23.9 | 22.7 | 24.2 | 24.4 |
| 3H | 24.1 | 25.4 | 24.4 | 25.7 | 26.0 | 23.9 | 25.3 | 24.3 | 25.6 | 25.9 |
| 4H | 24.7 | 26.0 | 25.0 | 26.3 | 26.6 | 24.5 | 25.8 | 24.9 | 26.1 | 26.4 |
| 6H | 25.2 | 26.4 | 25.5 | 26.7 | 27.1 | 24.9 | 26.2 | 25.3 | 26.5 | 26.8 |
| 8H | 25.3 | 26.5 | 25.7 | 26.9 | 27.2 | 25.1 | 26.2 | 25.4 | 26.6 | 26.9 |
| 12H | 25.5 | 26.6 | 25.8 | 26.9 | 27.3 | 25.1 | 26.3 | 25.5 | 26.6 | 27.0 |
| 4H 2H | 23.1 | 24.4 | 23.5 | 24.7 | 25.0 | 23.0 | 24.4 | 23.4 | 24.7 | 25.0 |
| 3H | 24.9 | 26.0 | 25.2 | 26.3 | 26.7 | 24.8 | 25.9 | 25.1 | 26.2 | 26.6 |
| 4H | 25.6 | 26.7 | 26.0 | 27.0 | 27.4 | 25.5 | 26.5 | 25.9 | 26.9 | 27.3 |
| 6H | 26.2 | 27.2 | 26.7 | 27.6 | 28.0 | 26.0 | 26.9 | 26.5 | 27.3 | 27.8 |
| 8H | 26.5 | 27.3 | 26.9 | 27.7 | 28.2 | 26.2 | 27.0 | 26.6 | 27.5 | 27.9 |
| 12H | 26.6 | 27.4 | 27.1 | 27.9 | 28.3 | 26.3 | 27.1 | 26.7 | 27.5 | 28.0 |
| 8H 4H | 25.9 | 26.8 | 26.3 | 27.2 | 27.6 | 25.8 | 26.6 | 26.2 | 27.0 | 27.5 |
| 6H | 26.7 | 27.4 | 27.1 | 27.8 | 28.3 | 26.5 | 27.2 | 26.9 | 27.6 | 28.1 |
| 8H | 27.0 | 27.6 | 27.5 | 28.1 | 28.6 | 26.7 | 27.3 | 27.2 | 27.8 | 28.3 |
| 12H | 27.2 | 27.8 | 27.8 | 28.3 | 28.8 | 26.9 | 27.4 | 27.4 | 27.9 | 28.5 |
| 12H 4H | 25.9 | 26.7 | 26.4 | 27.1 | 27.6 | 25.8 | 26.6 | 26.3 | 27.0 | 27.5 |
| 6H | 26.7 | 27.4 | 27.2 | 27.8 | 28.3 | 26.5 | 27.2 | 27.0 | 27.6 | 28.1 |
| 8H | 27.1 | 27.6 | 27.6 | 28.1 | 28.6 | 26.8 | 27.4 | 27.3 | 27.9 | 28.4 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S = 1.0H | + 0.1 / - 0.2 | | | | | + 0.2 / - 0.2 | | | | |
| 1.5H | + 0.2 / - 0.3 | | | | | + 0.2 / - 0.3 | | | | |
| 2.0H | + 0.1 / - 0.3 | | | | | + 0.2 / - 0.3 | | | | |

CIE Pub.117, 1007 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.0)

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2021-04-15

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:0.6349A P:15.24W PF:1.000 Freq:0Hz Lamp Flux:1007.25x1 lm | | |
| NAME: NMT2015-NP | TYPE: | WEIGHT: |
| SPEC.:NMT2015-9PW24CSS050CC0100-NP | DIM.: 1000*20*15mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*20mm | Shielding Angle: |

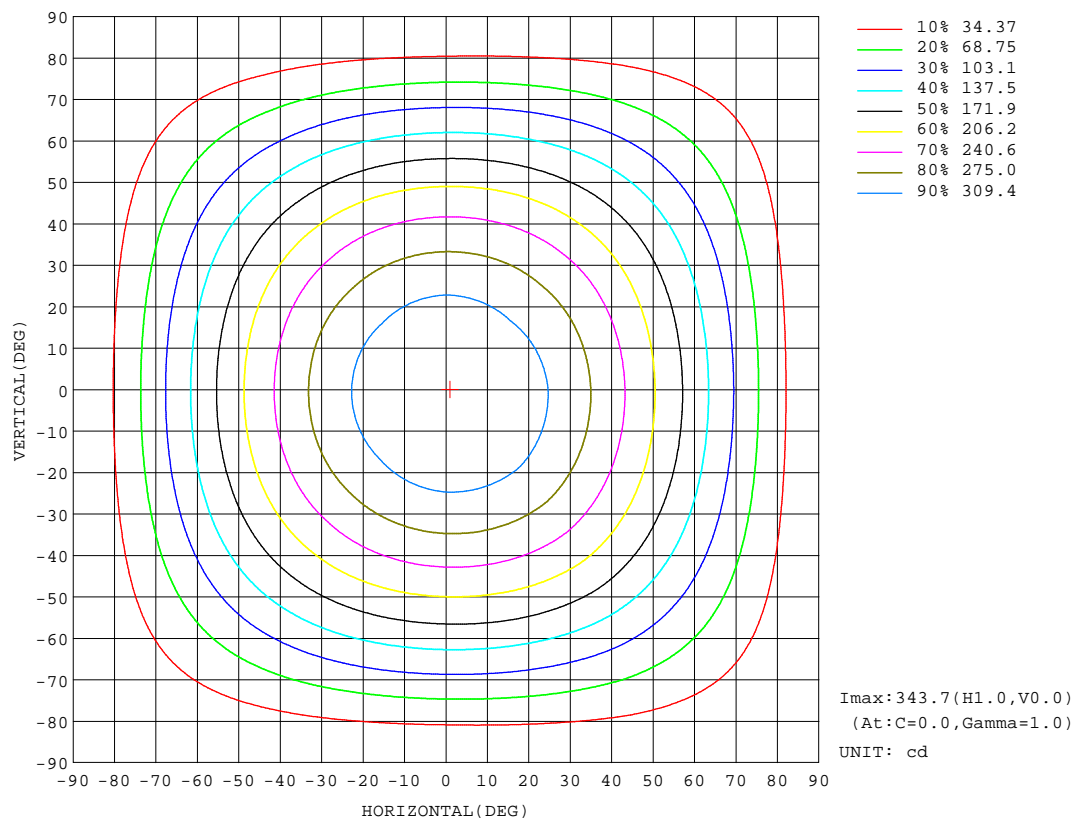
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|---|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 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 | 57 | 45 | 38 | 56 | 45 | 38 | 55 | 44 | 38 | 31 |
| 0.80 | 67 | 55 | 48 | 66 | 54 | 47 | 64 | 54 | 47 | 40 |
| 1.00 | 75 | 64 | 56 | 74 | 63 | 56 | 71 | 64 | 55 | 48 |
| 1.25 | 82 | 71 | 64 | 81 | 71 | 64 | 78 | 69 | 63 | 55 |
| 1.50 | 87 | 77 | 70 | 85 | 76 | 69 | 82 | 74 | 68 | 60 |
| 2.00 | 94 | 85 | 79 | 92 | 84 | 78 | 88 | 81 | 76 | 68 |
| 2.50 | 98 | 90 | 84 | 96 | 88 | 83 | 92 | 86 | 81 | 72 |
| 3.00 | 101 | 94 | 89 | 99 | 93 | 87 | 95 | 89 | 85 | 76 |
| 4.00 | 105 | 100 | 95 | 103 | 98 | 93 | 98 | 94 | 90 | 81 |
| 5.00 | 108 | 103 | 99 | 105 | 101 | 97 | 100 | 97 | 94 | 84 |
| 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:2021-04-15

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:0.6349A P:15.24W PF:1.000 Freq:0Hz Lamp Flux:1007.25x1 lm | | |
| NAME: NMT2015-NP | TYPE: | WEIGHT: |
| SPEC.:NMT2015-9PW24CSS050CC0100-NP | DIM.: 1000*20*15mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*20mm | Shielding Angle: |



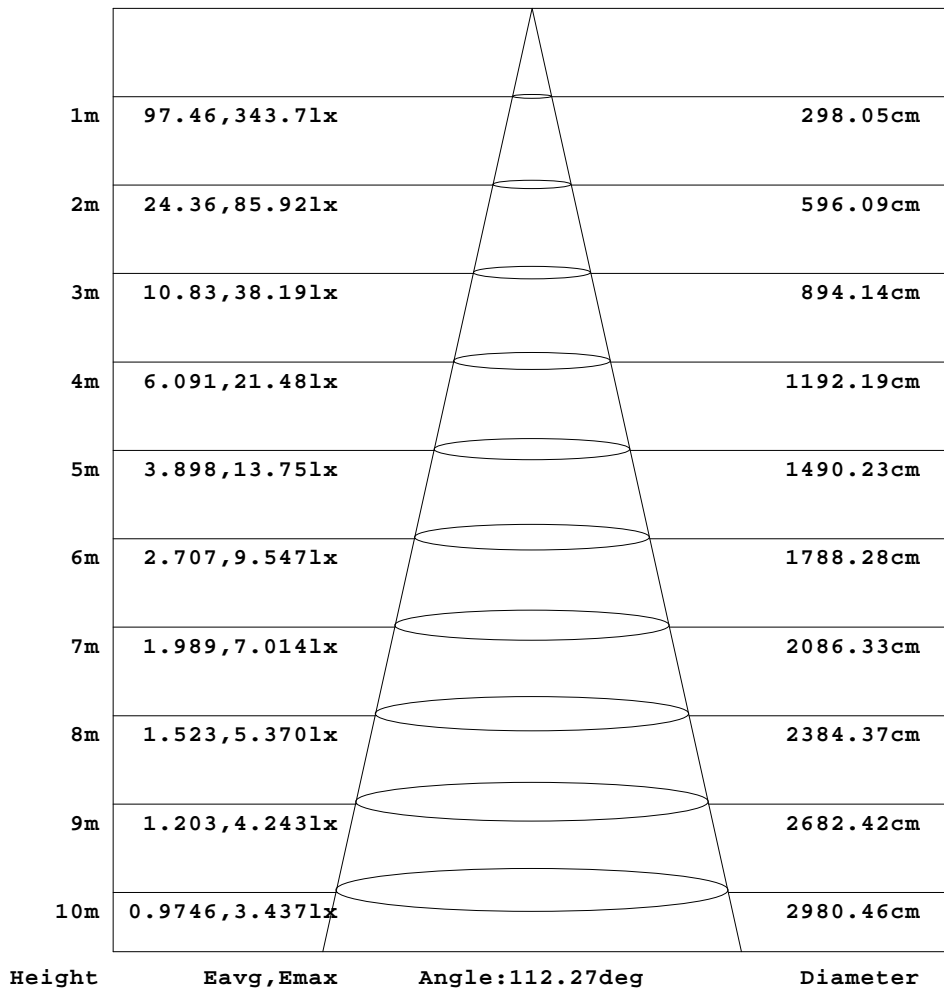
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: JYH
Test Date: 2021-04-15

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:0.6349A P:15.24W PF:1.000 Freq:0Hz Lamp Flux:1007.25x1 lm | | |
| NAME: NMT2015-NP | TYPE: | WEIGHT: |
| SPEC.:NMT2015-9PW24CSS050CC0100-NP | DIM.: 1000*20*15mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*20mm | Shielding Angle: |

Flux out:726.0 lm



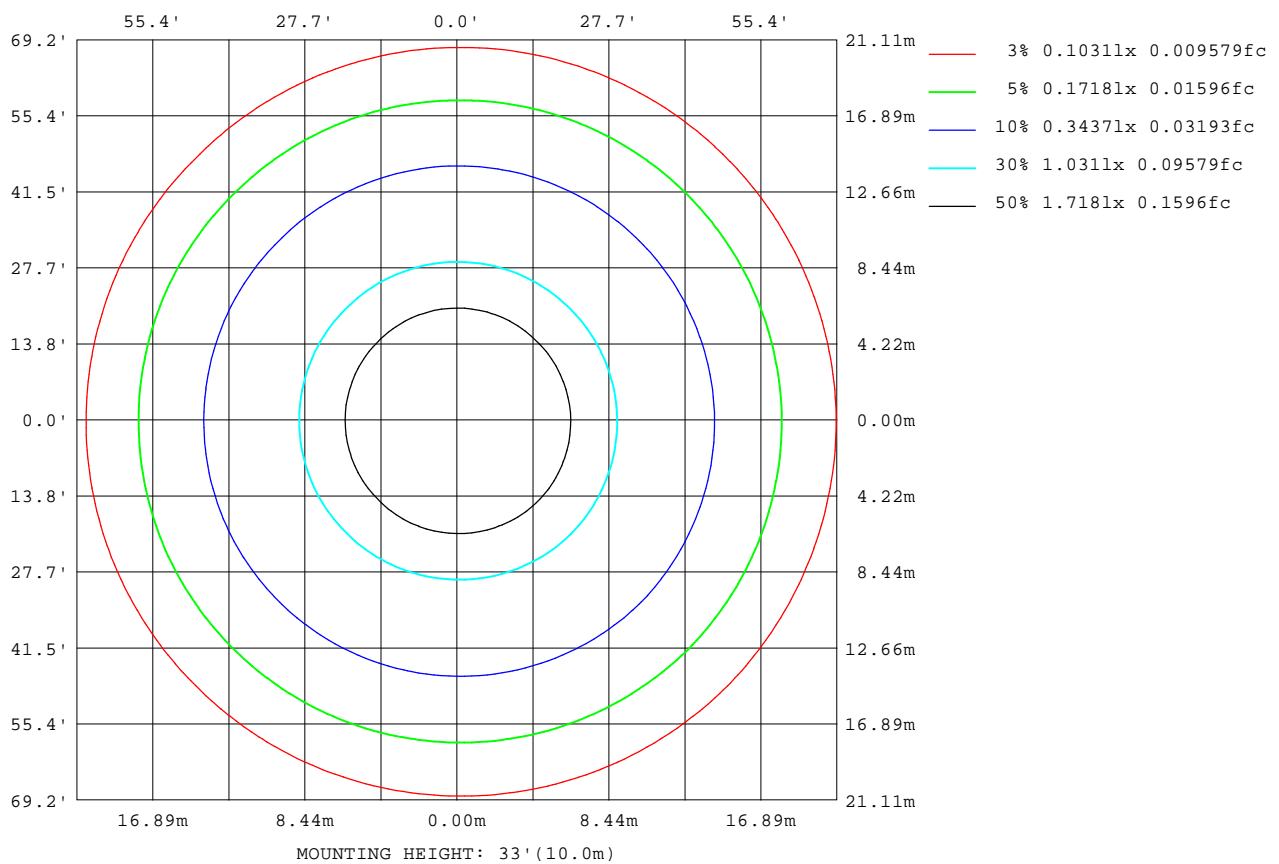
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2021-04-15

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:

ISOLUX DIAGRAM

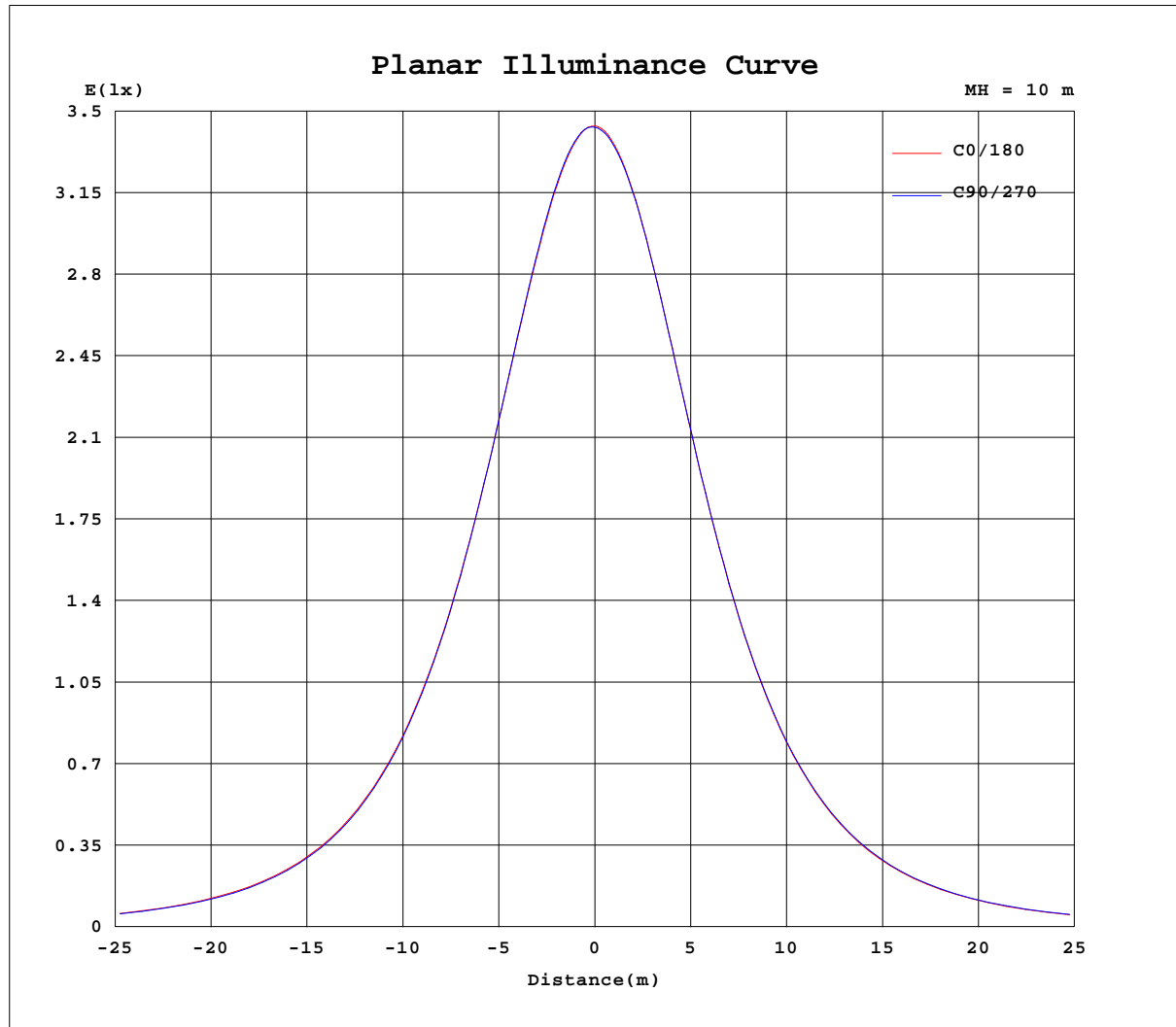
| | | |
|---|--------------------|------------------|
| Test:U:24.00V I:0.6349A P:15.24W PF:1.000 Freq:0Hz Lamp Flux:1007.25x1 lm | | |
| NAME: NMT2015-NP | TYPE: | WEIGHT: |
| SPEC.:NMT2015-9PW24CSS050CC0100-NP | DIM.: 1000*20*15mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*20mm | Shielding Angle: |



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: JYH
 Test Date: 2021-04-15

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: 2021-04-15

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---|--------------------|------------------|
| Test:U:24.00V I:0.6349A P:15.24W PF:1.000 Freq:0Hz Lamp Flux:1007.25x1 lm | | |
| NAME: NMT2015-NP | TYPE: | WEIGHT: |
| SPEC.:NMT2015-9PW24CSS050CC0100-NP | DIM.: 1000*20*15mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*20mm | Shielding Angle: |

Table--1

UNIT: cd

| C(DEG) g (DEG) | 0 | 45 | 90 | 135 | 180 | 225 | 270 | 315 | | | | | | | | | |
|-------------------|-------|------|------|------|------|------|------|------|--|--|--|--|--|--|--|--|--|
| 0 | 344 | 343 | 343 | 340 | 344 | 343 | 343 | 340 | | | | | | | | | |
| 5 | 343 | 343 | 343 | 339 | 342 | 340 | 341 | 338 | | | | | | | | | |
| 10 | 338 | 340 | 339 | 335 | 336 | 334 | 336 | 334 | | | | | | | | | |
| 15 | 331 | 333 | 332 | 327 | 328 | 326 | 328 | 326 | | | | | | | | | |
| 20 | 321 | 323 | 322 | 317 | 317 | 315 | 317 | 316 | | | | | | | | | |
| 25 | 308 | 311 | 309 | 304 | 303 | 301 | 303 | 303 | | | | | | | | | |
| 30 | 293 | 296 | 293 | 288 | 287 | 285 | 287 | 287 | | | | | | | | | |
| 35 | 275 | 278 | 274 | 269 | 268 | 266 | 268 | 270 | | | | | | | | | |
| 40 | 255 | 258 | 253 | 249 | 247 | 246 | 248 | 250 | | | | | | | | | |
| 45 | 232 | 236 | 231 | 226 | 224 | 223 | 225 | 228 | | | | | | | | | |
| 50 | 209 | 212 | 206 | 202 | 200 | 199 | 201 | 204 | | | | | | | | | |
| 55 | 183 | 186 | 180 | 176 | 174 | 173 | 176 | 179 | | | | | | | | | |
| 60 | 156 | 158 | 153 | 149 | 147 | 145 | 149 | 152 | | | | | | | | | |
| 65 | 129 | 129 | 125 | 121 | 118 | 117 | 120 | 124 | | | | | | | | | |
| 70 | 100.0 | 99.8 | 95.7 | 91.8 | 89.7 | 88.3 | 91.8 | 96.1 | | | | | | | | | |
| 75 | 71.4 | 71.1 | 66.9 | 63.1 | 61.5 | 59.7 | 63.8 | 67.6 | | | | | | | | | |
| 80 | 44.4 | 43.8 | 39.1 | 36.6 | 35.8 | 33.8 | 36.3 | 41.0 | | | | | | | | | |
| 85 | 22.5 | 20.7 | 16.0 | 16.4 | 16.7 | 14.2 | 14.5 | 19.3 | | | | | | | | | |
| 90 | 9.12 | 7.26 | 5.00 | 6.68 | 6.64 | 5.71 | 4.15 | 7.24 | | | | | | | | | |
| 95 | 4.27 | 3.82 | 4.12 | 4.68 | 3.72 | 4.46 | 3.92 | 4.36 | | | | | | | | | |
| 100 | 3.91 | 3.69 | 1.73 | 4.49 | 3.73 | 4.40 | 2.51 | 3.96 | | | | | | | | | |
| 105 | 3.93 | 3.83 | 1.24 | 4.36 | 3.77 | 4.33 | 1.45 | 3.90 | | | | | | | | | |
| 110 | 4.03 | 4.04 | 1.67 | 4.29 | 3.77 | 4.29 | 1.52 | 4.08 | | | | | | | | | |
| 115 | 4.15 | 3.43 | 2.12 | 4.27 | 3.79 | 4.27 | 1.88 | 4.14 | | | | | | | | | |
| 120 | 4.26 | 4.36 | 2.55 | 4.26 | 3.81 | 3.54 | 2.25 | 4.10 | | | | | | | | | |
| 125 | 4.38 | 4.56 | 2.96 | 4.13 | 3.85 | 2.97 | 2.53 | 3.36 | | | | | | | | | |
| 130 | 4.40 | 4.24 | 3.27 | 3.45 | 3.89 | 3.15 | 2.81 | 3.07 | | | | | | | | | |
| 135 | 4.59 | 3.81 | 3.53 | 3.57 | 3.97 | 3.51 | 3.03 | 3.42 | | | | | | | | | |
| 140 | 4.64 | 3.93 | 3.77 | 3.83 | 4.04 | 4.14 | 3.21 | 3.71 | | | | | | | | | |
| 145 | 4.75 | 4.05 | 3.93 | 4.08 | 4.13 | 4.27 | 3.41 | 3.67 | | | | | | | | | |
| 150 | 4.90 | 4.13 | 4.14 | 4.35 | 4.21 | 4.35 | 3.70 | 3.65 | | | | | | | | | |
| 155 | 5.09 | 4.24 | 4.38 | 4.67 | 4.38 | 4.58 | 4.16 | 3.65 | | | | | | | | | |
| 160 | 5.23 | 4.38 | 4.77 | 4.84 | 4.61 | 4.74 | 4.60 | 3.85 | | | | | | | | | |
| 165 | 5.45 | 4.65 | 5.11 | 5.04 | 4.79 | 5.00 | 5.01 | 4.27 | | | | | | | | | |
| 170 | 5.32 | 5.10 | 5.45 | 5.30 | 4.80 | 5.24 | 5.42 | 4.90 | | | | | | | | | |
| 175 | 4.97 | 5.53 | 5.84 | 5.62 | 4.76 | 5.53 | 5.80 | 5.44 | | | | | | | | | |
| 180 | 5.02 | 5.88 | 6.09 | 5.99 | 5.00 | 5.87 | 6.09 | 5.98 | | | | | | | | | |

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C Interval: 45.0DEG
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Temperature:25.3DEG
Operators:JYH
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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: