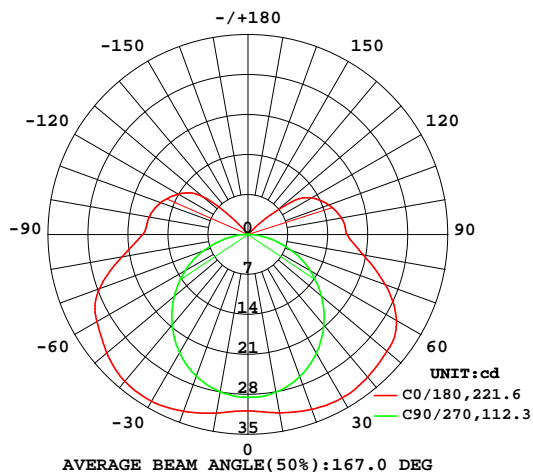


LUMINAIRE PHOTOMETRIC TEST REPORT

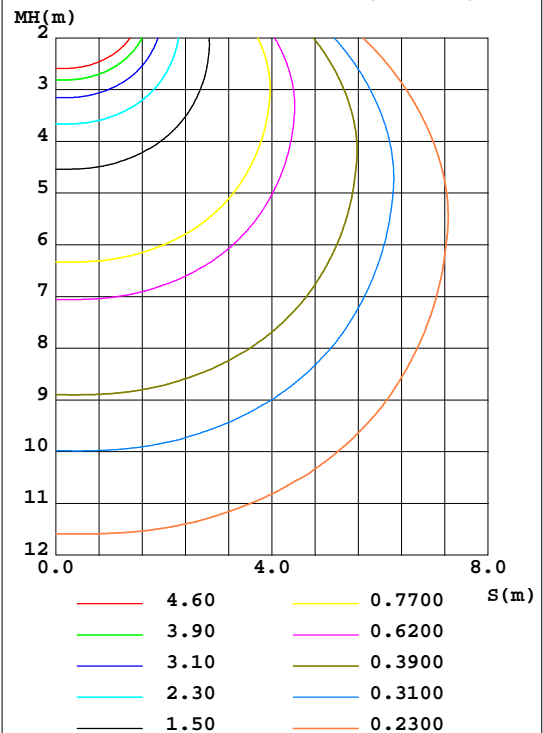
| | | |
|--|--------------------|------------------|
| Test:U:24.00V I:0.4000A P:9.600W PF:1.000 Freq:0Hz Lamp Flux:164.91x1 lm | | |
| NAME: NMT1010 | TYPE: | WEIGHT: |
| SPEC.:NMT1010-0R24NSN000CC0100 | DIM.: 1000*10*10mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*10mm | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 17.18 lm/W | | | |
|------------------|---------|----------------------------------|---------|-------------------|-----------|
| MODEL | NMT1010 | I _{max} (cd) | 33.75 | S/MH(C0/180) | 1.61 |
| NOMINAL POWER(W) | 9.6 | LOR(%) | 100.0 | S/MH(C90/270) | 1.25 |
| RATED VOLTAGE(V) | 24 | TOTAL FLUX(lm) | 164.91 | h UP,DN(C0-180) | 9.8,39.7 |
| NOMINAL FLUX(lm) | 164.91 | CIE CLASS | SEMI-D. | h UP,DN(C180-360) | 10.3,40.2 |
| LAMPS INSIDE | 1 | h up(%) | 20.1 | CIBSE SHR NOM | 1.50 |
| TEST VOLTAGE(V) | 24 | h down(%) | 79.9 | CIBSE SHR MAX | 1.55 |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JYH
 Test Date:2020-10-15

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:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

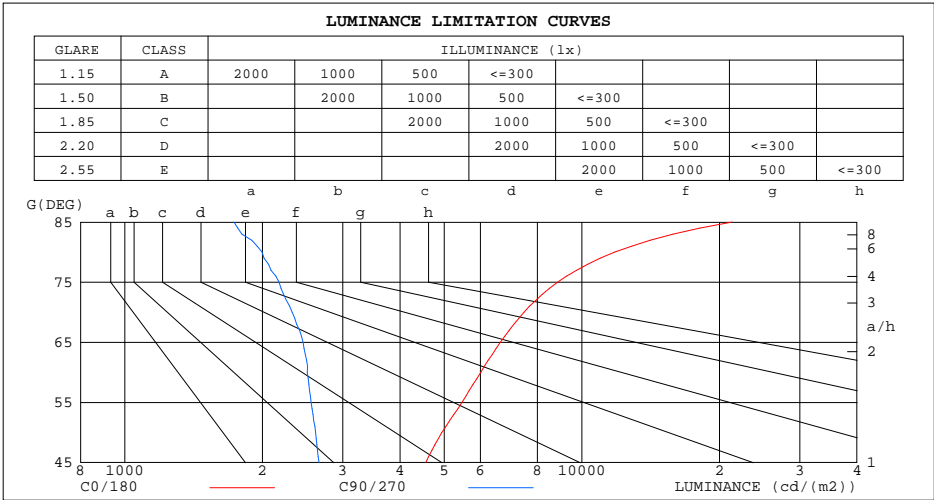
| g | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | g | F zone | F total | %lum,lamp |
|-----|-----------------------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|-----------|
| 10 | 31.69 | 29.80 | 28.06 | 28.15 | 31.73 | 29.70 | 27.98 | 28.10 | 0~ 10 | 2.801 | 2.801 | 1.7,1.7 |
| 20 | 32.58 | 29.67 | 26.48 | 28.06 | 32.94 | 29.80 | 26.42 | 27.97 | 10~ 20 | 8.321 | 11.12 | 6.74,6.74 |
| 30 | 33.03 | 28.99 | 23.98 | 27.45 | 33.73 | 29.24 | 23.95 | 27.17 | 20~ 30 | 13.36 | 24.49 | 14.8,14.8 |
| 40 | 32.60 | 27.63 | 20.67 | 26.22 | 33.54 | 27.99 | 20.67 | 25.74 | 30~ 40 | 17.40 | 41.88 | 25.4,25.4 |
| 50 | 31.75 | 25.43 | 16.80 | 24.19 | 32.25 | 25.92 | 16.85 | 23.49 | 40~ 50 | 19.95 | 61.83 | 37.5,37.5 |
| 60 | 30.03 | 23.05 | 12.54 | 21.39 | 30.56 | 23.05 | 12.70 | 21.08 | 50~ 60 | 20.82 | 82.65 | 50.1,50.1 |
| 70 | 25.54 | 19.51 | 7.951 | 18.39 | 27.68 | 19.95 | 8.229 | 17.79 | 60~ 70 | 19.92 | 102.6 | 62.2,62.2 |
| 80 | 20.48 | 14.78 | 3.469 | 14.18 | 22.36 | 15.46 | 3.590 | 13.27 | 70~ 80 | 16.67 | 119.2 | 72.3,72.3 |
| 90 | 17.38 | 11.35 | 0.4230 | 10.77 | 18.47 | 11.83 | 0.5401 | 10.20 | 80~ 90 | 12.60 | 131.8 | 79.9,79.9 |
| 100 | 16.64 | 10.07 | 0.1136 | 10.02 | 17.60 | 11.01 | 0.0868 | 9.312 | 90~100 | 10.55 | 142.4 | 86.3,86.3 |
| 110 | 15.11 | 9.294 | 0.1069 | 9.303 | 16.31 | 10.23 | 0.1337 | 7.633 | 100~110 | 9.485 | 151.9 | 92.1,92.1 |
| 120 | 12.89 | 5.023 | 0.1870 | 6.773 | 14.15 | 7.844 | 0.1937 | 3.377 | 110~120 | 7.520 | 159.4 | 96.7,96.7 |
| 130 | 6.232 | 0.5141 | 0.2002 | 0.7544 | 10.36 | 1.019 | 0.2339 | 0.3407 | 120~130 | 3.947 | 163.3 | 99,99 |
| 140 | 0.6816 | 0.3941 | 0.2404 | 0.4074 | 1.122 | 0.3741 | 0.2739 | 0.3339 | 130~140 | 0.9923 | 164.3 | 99.6,99.6 |
| 150 | 0.5477 | 0.3807 | 0.2872 | 0.4008 | 0.4274 | 0.3807 | 0.3007 | 0.3273 | 140~150 | 0.2479 | 164.6 | 99.8,99.8 |
| 160 | 0.4942 | 0.3941 | 0.3339 | 0.4208 | 0.4141 | 0.4008 | 0.3742 | 0.3273 | 150~160 | 0.1773 | 164.8 | 99.9,99.9 |
| 170 | 0.4676 | 0.4408 | 0.4008 | 0.4408 | 0.4142 | 0.4008 | 0.4409 | 0.3672 | 160~170 | 0.1152 | 164.9 | 100,100 |
| 180 | 0.4275 | 0.5010 | 0.4275 | 0.4408 | 0.4141 | 0.4342 | 0.4742 | 0.4275 | 170~180 | 0.0409 | 164.9 | 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:2020-10-15

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:0.4000A P:9.600W PF:1.000 Freq:0Hz Lamp Flux:164.91x1 lm | | |
| NAME: NMT1010 | TYPE: | WEIGHT: |
| SPEC.:NMT1010-0R24NSN000CC0100 | DIM.: 1000*10*10mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*10mm | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G(DEG) | C0/180 | C90/270 |
| 85 | 21316 | 1732 |
| 80 | 11795 | 1997 |
| 75 | 8856 | 2176 |
| 70 | 7469 | 2325 |
| 65 | 6635 | 2455 |
| 60 | 6005 | 2507 |
| 55 | 5462 | 2559 |
| 50 | 4940 | 2614 |
| 45 | 4553 | 2660 |

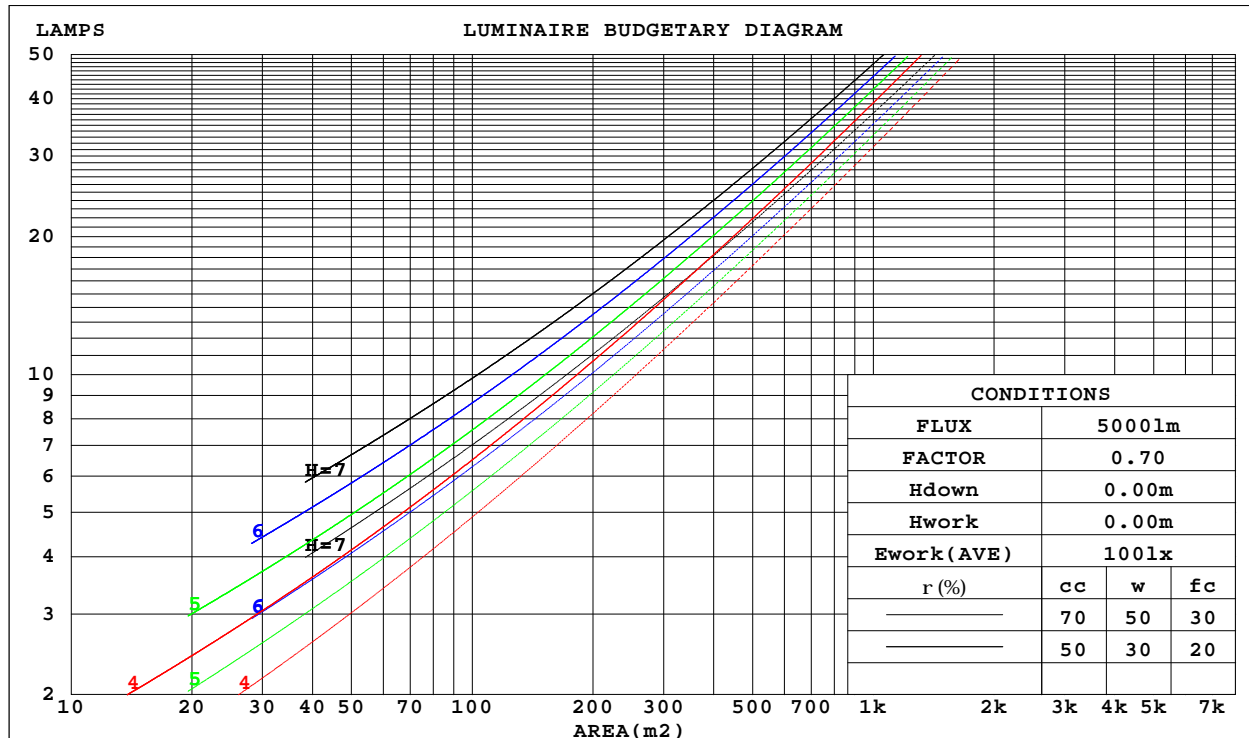
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2020-10-15

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:0.4000A P:9.600W PF:1.000 Freq:0Hz Lamp Flux:164.91x1 lm | | |
| NAME: NMT1010 | TYPE: | WEIGHT: |
| SPEC.:NMT1010-0R24NSN000CC0100 | DIM.: 1000*10*10mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*10mm | 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 Coefficients of Utilization(CU) | | | | | | | | | | | | | | | |
| 0.0 | 1.14 | 1.14 | 1.14 | 1.09 | 1.09 | 1.09 | .00 | .00 | .00 | .91 | .91 | .91 | .84 | .84 | .84 | .80 |
| 1.0 | .95 | .89 | .84 | .90 | .85 | .81 | .82 | .78 | .75 | .75 | .72 | .69 | .68 | .66 | .63 | .60 |
| 2.0 | .81 | .72 | .66 | .77 | .70 | .63 | .70 | .64 | .59 | .64 | .59 | .55 | .58 | .54 | .50 | .47 |
| 3.0 | .70 | .60 | .53 | .66 | .58 | .51 | .60 | .53 | .48 | .55 | .49 | .44 | .50 | .45 | .41 | .38 |
| 4.0 | .61 | .51 | .44 | .58 | .49 | .42 | .53 | .46 | .40 | .48 | .42 | .37 | .44 | .39 | .34 | .31 |
| 5.0 | .54 | .44 | .37 | .51 | .42 | .36 | .47 | .39 | .34 | .43 | .36 | .31 | .39 | .34 | .29 | .26 |
| 6.0 | .48 | .38 | .32 | .46 | .37 | .31 | .42 | .35 | .29 | .38 | .32 | .27 | .35 | .30 | .25 | .23 |
| 7.0 | .43 | .34 | .28 | .41 | .33 | .27 | .38 | .31 | .25 | .35 | .28 | .24 | .32 | .26 | .22 | .20 |
| 8.0 | .39 | .30 | .24 | .38 | .29 | .24 | .35 | .27 | .22 | .32 | .25 | .21 | .29 | .24 | .20 | .17 |
| 9.0 | .36 | .27 | .21 | .34 | .26 | .21 | .32 | .25 | .20 | .29 | .23 | .19 | .27 | .21 | .17 | .15 |
| 10.0 | .33 | .25 | .19 | .32 | .24 | .19 | .29 | .22 | .18 | .27 | .21 | .17 | .25 | .20 | .16 | .14 |



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2020-10-15

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:

WEC AND CCEC

| | | |
|--|--------------------|------------------|
| Test:U:24.00V I:0.4000A P:9.600W PF:1.000 Freq:0Hz Lamp Flux:164.91x1 lm | | |
| NAME: NMT1010 | TYPE: | WEIGHT: |
| SPEC.:NMT1010-0R24NSN000CC0100 | DIM.: 1000*10*10mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*10mm | 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 | .394 .224 .071 | .381 .217 .069 | .356 .204 .065 | .333 .192 .062 | .311 .180 .058 | |
| 2.0 | .341 .187 .057 | .328 .181 .056 | .306 .170 .053 | .285 .160 .050 | .266 .150 .047 | |
| 3.0 | .302 .161 .048 | .291 .156 .047 | .270 .147 .045 | .251 .138 .042 | .234 .129 .040 | |
| 4.0 | .271 .141 .041 | .261 .137 .040 | .243 .129 .038 | .225 .121 .037 | .209 .114 .035 | |
| 5.0 | .246 .125 .036 | .237 .122 .035 | .220 .115 .034 | .204 .108 .032 | .190 .101 .030 | |
| 6.0 | .225 .113 .032 | .217 .110 .032 | .201 .103 .030 | .187 .097 .029 | .173 .091 .027 | |
| 7.0 | .207 .103 .029 | .200 .100 .028 | .186 .094 .027 | .172 .088 .026 | .160 .083 .024 | |
| 8.0 | .192 .094 .026 | .185 .091 .026 | .172 .086 .025 | .160 .081 .023 | .148 .076 .022 | |
| 9.0 | .179 .086 .024 | .172 .084 .024 | .160 .079 .022 | .149 .075 .021 | .138 .070 .020 | |
| 10.0 | .167 .080 .022 | .161 .078 .022 | .150 .074 .021 | .140 .069 .020 | .130 .065 .019 | |

| | | | | | | |
|------|--|----------------|----------------|----------------|----------------|---|
| 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 | .343 .343 .343 | .293 .293 .293 | .200 .200 .200 | .115 .115 .115 | .037 .037 .037 | |
| 1.0 | .340 .309 .282 | .291 .266 .243 | .199 .183 .168 | .115 .106 .098 | .037 .034 .032 | |
| 2.0 | .334 .287 .247 | .286 .247 .214 | .196 .171 .149 | .113 .099 .087 | .036 .032 .028 | |
| 3.0 | .327 .270 .226 | .280 .233 .196 | .192 .162 .137 | .111 .095 .081 | .036 .031 .027 | |
| 4.0 | .319 .258 .212 | .274 .223 .184 | .188 .155 .129 | .109 .091 .077 | .035 .030 .025 | |
| 5.0 | .311 .248 .202 | .267 .215 .176 | .184 .150 .124 | .107 .088 .074 | .034 .029 .024 | |
| 6.0 | .304 .241 .195 | .261 .208 .170 | .180 .146 .120 | .105 .086 .071 | .034 .028 .024 | |
| 7.0 | .297 .234 .190 | .255 .203 .166 | .176 .142 .117 | .102 .084 .070 | .033 .027 .023 | |
| 8.0 | .290 .228 .186 | .250 .198 .162 | .173 .139 .115 | .100 .082 .069 | .032 .027 .023 | |
| 9.0 | .284 .224 .183 | .244 .194 .160 | .169 .136 .113 | .099 .081 .068 | .032 .026 .022 | |
| 10.0 | .278 .220 .181 | .239 .191 .158 | .166 .134 .112 | .097 .079 .067 | .031 .026 .022 | |

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2020-10-15

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:0.4000A P:9.600W PF:1.000 Freq:0Hz Lamp Flux:164.9lx1 lm | | | | | | | | | | |
| NAME: NMT1010 | | | | | TYPE: | | | WEIGHT: | | |
| SPEC.:NMT1010-0R24NSN000CC0100 | | | | | DIM.: 1000*10*10mm | | | SERIAL No.: | | |
| MFR.: COLORS | | | | | SUR.:1000*10mm | | | 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 | 24.4 | 25.8 | 24.9 | 26.3 | 26.9 | 21.4 | 22.8 | 21.9 | 23.3 | 23.9 |
| 3H | 27.1 | 28.4 | 27.7 | 29.0 | 29.6 | 23.0 | 24.2 | 23.5 | 24.8 | 25.5 |
| 4H | 28.6 | 29.8 | 29.1 | 30.3 | 31.0 | 23.6 | 24.8 | 24.2 | 25.4 | 26.1 |
| 6H | 30.1 | 31.2 | 30.7 | 31.8 | 32.5 | 24.1 | 25.2 | 24.7 | 25.8 | 26.5 |
| 8H | 30.9 | 32.0 | 31.5 | 32.6 | 33.3 | 24.2 | 25.3 | 24.8 | 25.9 | 26.6 |
| 12H | 31.9 | 33.0 | 32.5 | 33.6 | 34.3 | 24.3 | 25.4 | 24.9 | 26.0 | 26.7 |
| 4H 2H | 24.9 | 26.2 | 25.5 | 26.7 | 27.4 | 22.9 | 24.1 | 23.5 | 24.7 | 25.3 |
| 3H | 27.9 | 28.9 | 28.5 | 29.6 | 30.3 | 24.8 | 25.8 | 25.4 | 26.4 | 27.2 |
| 4H | 29.5 | 30.4 | 30.1 | 31.1 | 31.8 | 25.6 | 26.6 | 26.2 | 27.2 | 28.0 |
| 6H | 31.2 | 32.1 | 31.9 | 32.7 | 33.5 | 26.3 | 27.1 | 26.9 | 27.8 | 28.6 |
| 8H | 32.2 | 33.0 | 32.9 | 33.7 | 34.5 | 26.5 | 27.3 | 27.2 | 28.0 | 28.8 |
| 12H | 33.3 | 34.1 | 34.0 | 34.8 | 35.6 | 26.7 | 27.4 | 27.4 | 28.1 | 28.9 |
| 8H 4H | 29.8 | 30.6 | 30.5 | 31.3 | 32.1 | 26.8 | 27.6 | 27.5 | 28.3 | 29.1 |
| 6H | 31.8 | 32.5 | 32.5 | 33.2 | 34.0 | 27.9 | 28.5 | 28.6 | 29.3 | 30.1 |
| 8H | 33.0 | 33.6 | 33.7 | 34.3 | 35.2 | 28.3 | 28.9 | 29.1 | 29.7 | 30.5 |
| 12H | 34.3 | 34.9 | 35.1 | 35.6 | 36.5 | 28.7 | 29.3 | 29.5 | 30.0 | 30.9 |
| 12H 4H | 29.8 | 30.6 | 30.5 | 31.3 | 32.1 | 27.1 | 27.9 | 27.8 | 28.6 | 29.4 |
| 6H | 31.9 | 32.5 | 32.6 | 33.3 | 34.1 | 28.4 | 29.0 | 29.2 | 29.8 | 30.6 |
| 8H | 33.2 | 33.7 | 33.9 | 34.5 | 35.3 | 29.1 | 29.6 | 29.8 | 30.4 | 31.3 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S = 1.0H | + 0.1 / - 0.1 | | | | | + 0.1 / - 0.1 | | | | |
| 1.5H | + 0.2 / - 0.2 | | | | | + 0.2 / - 0.3 | | | | |
| 2.0H | + 0.2 / - 0.3 | | | | | + 0.3 / - 0.5 | | | | |

CIE Pub.117, 164.9 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -6.3)

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2020-10-15

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:0.4000A P:9.600W PF:1.000 Freq:0Hz Lamp Flux:164.9lx1 lm | | |
| NAME: NMT1010 | TYPE: | WEIGHT: |
| SPEC.:NMT1010-0R24NSN000CC0100 | DIM.: 1000*10*10mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*10mm | Shielding Angle: |

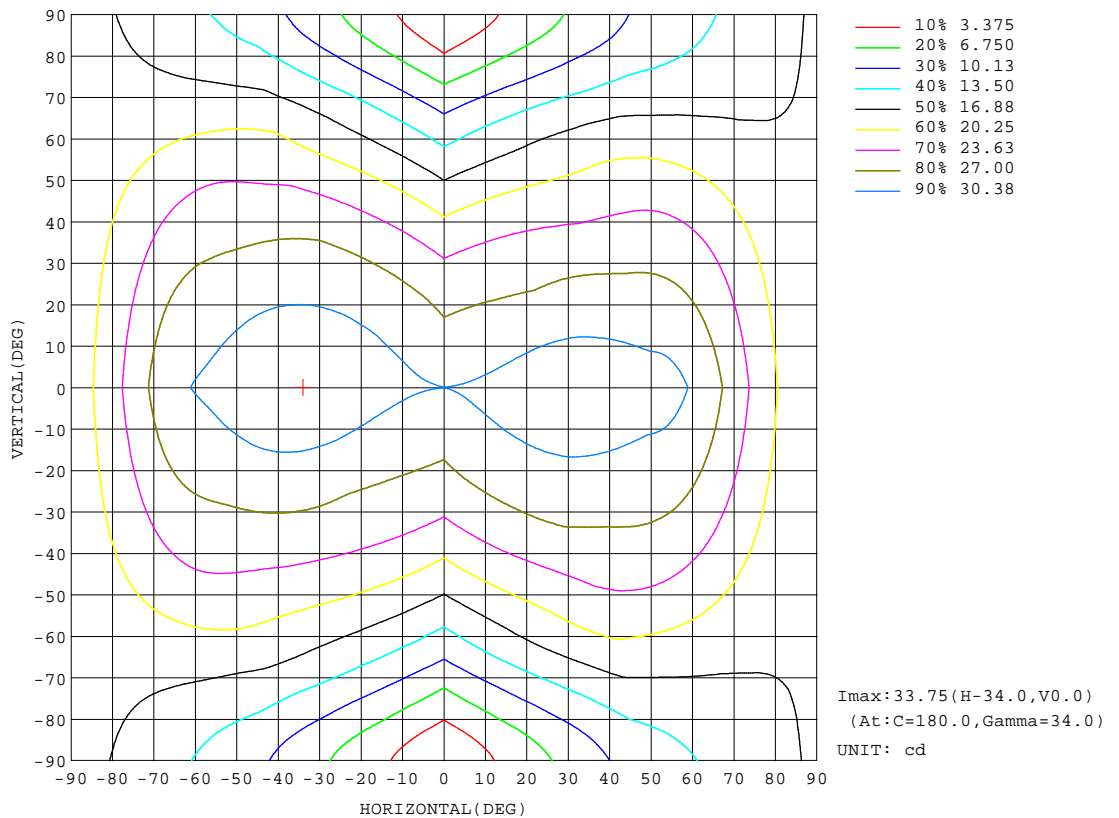
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|---|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 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 | 46 | 33 | 26 | 45 | 33 | 25 | 43 | 32 | 25 | 18 |
| 0.80 | 55 | 41 | 33 | 53 | 41 | 33 | 50 | 39 | 32 | 24 |
| 1.00 | 63 | 49 | 40 | 61 | 48 | 40 | 57 | 49 | 39 | 30 |
| 1.25 | 70 | 56 | 48 | 67 | 55 | 47 | 63 | 52 | 45 | 35 |
| 1.50 | 75 | 62 | 53 | 72 | 60 | 52 | 67 | 57 | 50 | 39 |
| 2.00 | 82 | 71 | 62 | 79 | 69 | 61 | 73 | 64 | 58 | 46 |
| 2.50 | 87 | 76 | 68 | 83 | 74 | 66 | 77 | 69 | 63 | 50 |
| 3.00 | 91 | 81 | 73 | 87 | 78 | 71 | 80 | 73 | 67 | 53 |
| 4.00 | 96 | 87 | 81 | 92 | 84 | 78 | 84 | 78 | 73 | 58 |
| 5.00 | 99 | 92 | 86 | 95 | 88 | 83 | 87 | 82 | 77 | 61 |
| 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:2020-10-15

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:0.4000A P:9.600W PF:1.000 Freq:0Hz Lamp Flux:164.9lx1 lm | | |
| NAME: NMT1010 | TYPE: | WEIGHT: |
| SPEC.:NMT1010-0R24NSN000CC0100 | DIM.: 1000*10*10mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*10mm | Shielding Angle: |



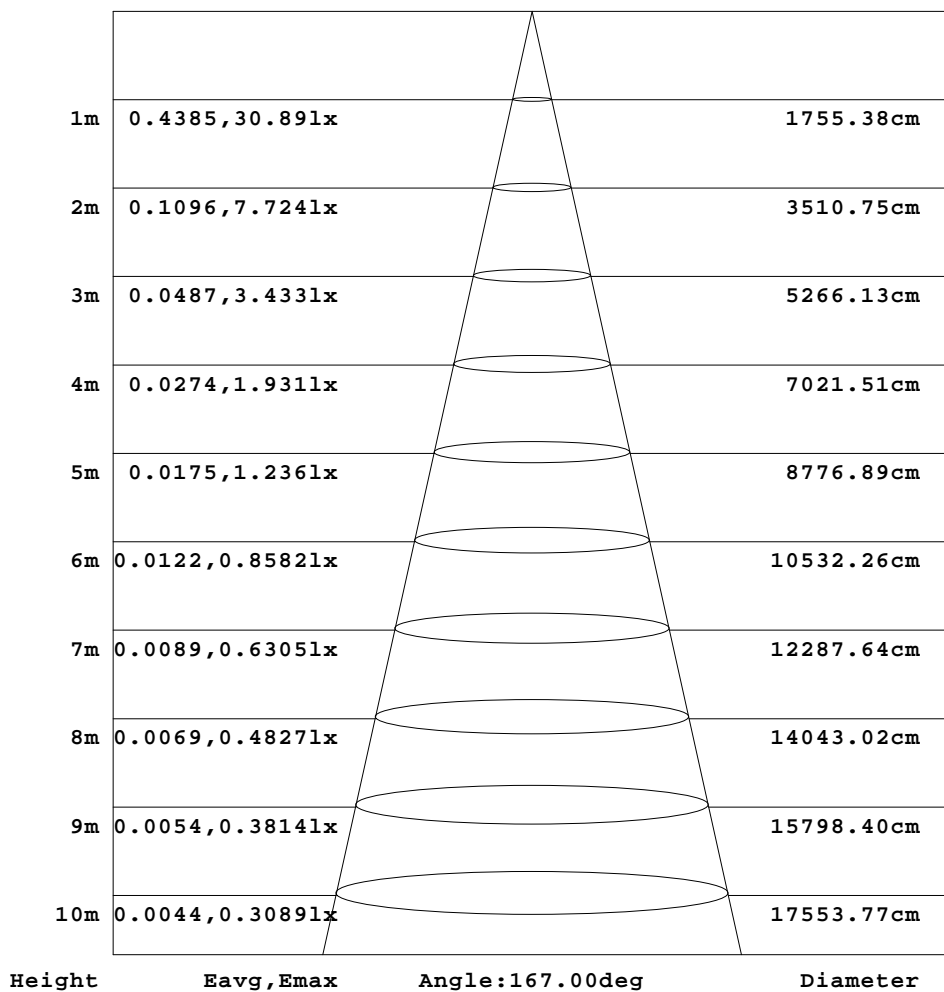
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: JYH
Test Date: 2020-10-15

deg 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:0.4000A P:9.600W PF:1.000 Freq:0Hz Lamp Flux:164.91x1 lm | | |
| NAME: NMT1010 | TYPE: | WEIGHT: |
| SPEC.:NMT1010-0R24NSN000CC0100 | DIM.: 1000*10*10mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*10mm | Shielding Angle: |

Flux out:124.7 lm



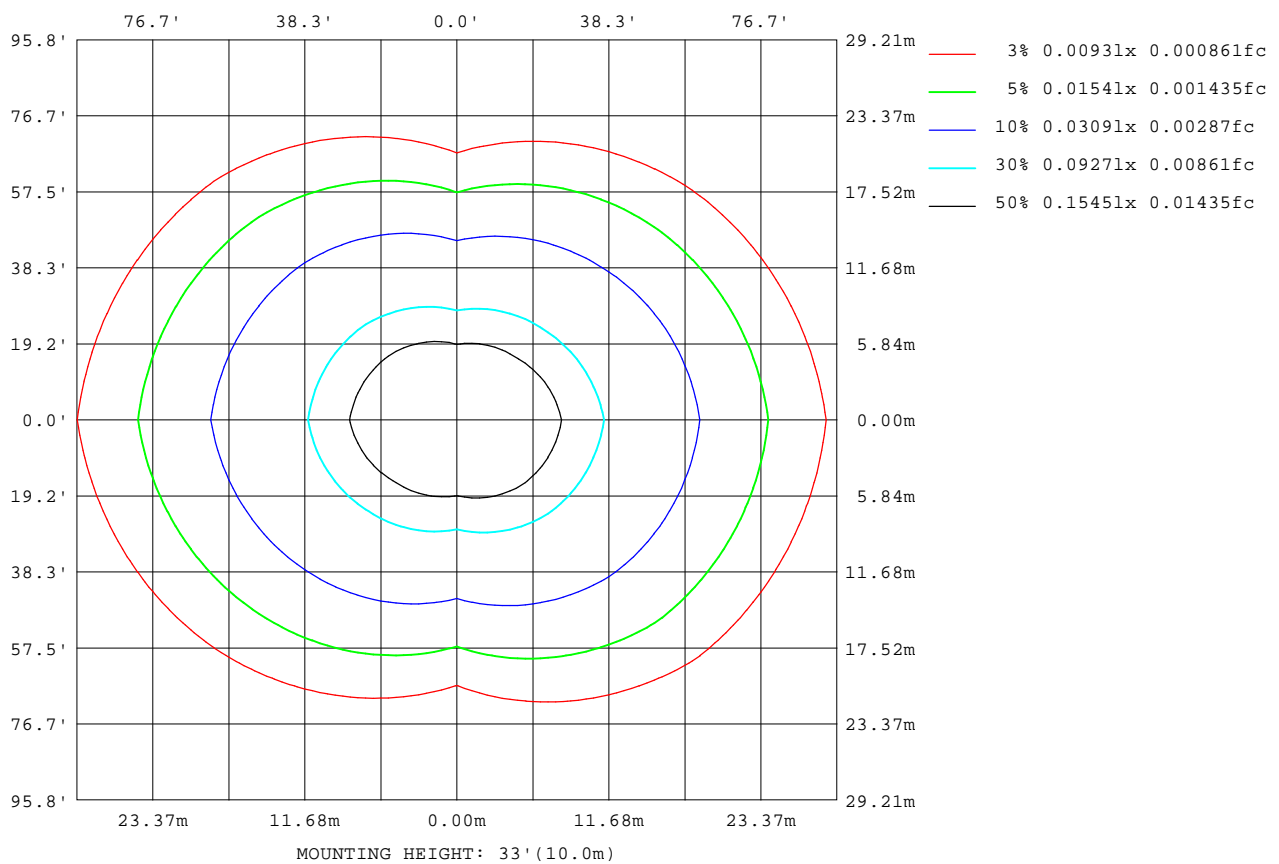
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2020-10-15

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

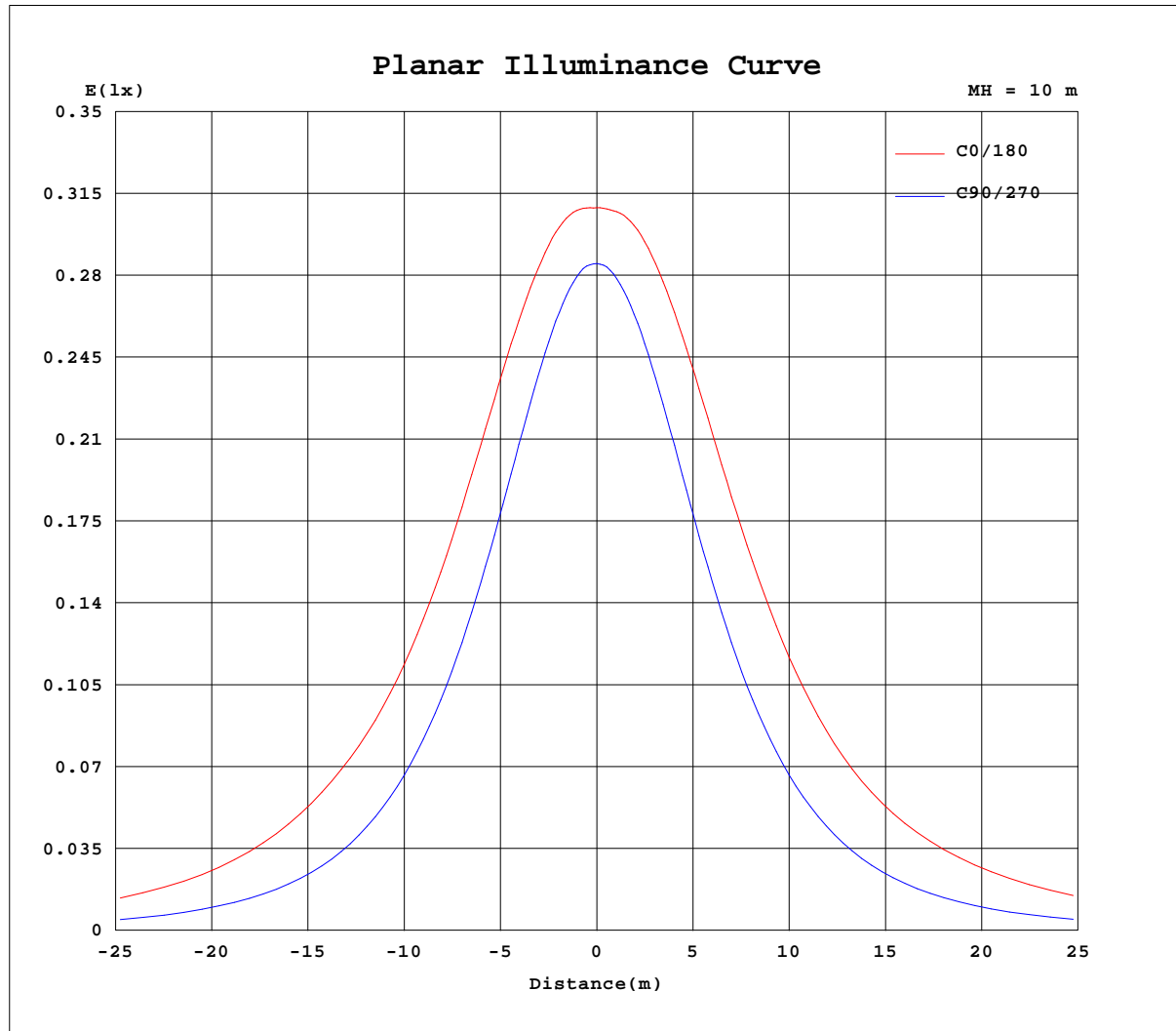
| | | |
|--|--------------------|------------------|
| Test:U:24.00V I:0.4000A P:9.600W PF:1.000 Freq:0Hz Lamp Flux:164.9lx1 lm | | |
| NAME: NMT1010 | TYPE: | WEIGHT: |
| SPEC.:NMT1010-0R24NSN000CC0100 | DIM.: 1000*10*10mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*10mm | Shielding Angle: |



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: JYH
Test Date: 2020-10-15

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:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: JYH
Test Date: 2020-10-15

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:0.4000A P:9.600W PF:1.000 Freq:0Hz Lamp Flux:164.91x1 lm | | |
| NAME: NMT1010 | TYPE: | WEIGHT: |
| SPEC.:NMT1010-0R24NSN000CC0100 | DIM.: 1000*10*10mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*10mm | Shielding Angle: |

Table--1

UNIT: cd

| C(DEG) g (DEG) | 0 | 45 | 90 | 135 | 180 | 225 | 270 | 315 | | | | | | | | | | |
|-------------------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|--|--|--|--|
| 0 | 30.9 | 29.5 | 28.5 | 28.0 | 30.9 | 29.5 | 28.5 | 28.0 | | | | | | | | | | |
| 5 | 31.2 | 29.7 | 28.5 | 28.0 | 31.1 | 29.5 | 28.4 | 28.0 | | | | | | | | | | |
| 10 | 31.7 | 29.8 | 28.1 | 28.1 | 31.7 | 29.7 | 28.0 | 28.1 | | | | | | | | | | |
| 15 | 32.2 | 29.8 | 27.4 | 28.1 | 32.4 | 29.8 | 27.3 | 28.1 | | | | | | | | | | |
| 20 | 32.6 | 29.7 | 26.5 | 28.1 | 32.9 | 29.8 | 26.4 | 28.0 | | | | | | | | | | |
| 25 | 32.9 | 29.4 | 25.3 | 27.8 | 33.4 | 29.6 | 25.3 | 27.6 | | | | | | | | | | |
| 30 | 33.0 | 29.0 | 24.0 | 27.5 | 33.7 | 29.2 | 23.9 | 27.2 | | | | | | | | | | |
| 35 | 32.9 | 28.4 | 22.4 | 26.9 | 33.7 | 28.7 | 22.4 | 26.5 | | | | | | | | | | |
| 40 | 32.6 | 27.6 | 20.7 | 26.2 | 33.5 | 28.0 | 20.7 | 25.7 | | | | | | | | | | |
| 45 | 32.2 | 26.6 | 18.8 | 25.3 | 33.1 | 27.0 | 18.8 | 24.7 | | | | | | | | | | |
| 50 | 31.8 | 25.4 | 16.8 | 24.2 | 32.2 | 25.9 | 16.9 | 23.5 | | | | | | | | | | |
| 55 | 31.3 | 24.2 | 14.7 | 22.9 | 31.3 | 24.6 | 14.8 | 22.2 | | | | | | | | | | |
| 60 | 30.0 | 23.1 | 12.5 | 21.4 | 30.6 | 23.0 | 12.7 | 21.1 | | | | | | | | | | |
| 65 | 28.0 | 21.6 | 10.4 | 19.9 | 29.5 | 21.5 | 10.6 | 19.7 | | | | | | | | | | |
| 70 | 25.5 | 19.5 | 7.95 | 18.4 | 27.7 | 19.9 | 8.23 | 17.8 | | | | | | | | | | |
| 75 | 22.9 | 17.1 | 5.63 | 16.3 | 25.1 | 17.8 | 5.83 | 15.4 | | | | | | | | | | |
| 80 | 20.5 | 14.8 | 3.47 | 14.2 | 22.4 | 15.5 | 3.59 | 13.3 | | | | | | | | | | |
| 85 | 18.6 | 12.7 | 1.51 | 12.2 | 20.1 | 13.3 | 1.76 | 11.3 | | | | | | | | | | |
| 90 | 17.4 | 11.3 | 0.42 | 10.8 | 18.5 | 11.8 | 0.54 | 10.2 | | | | | | | | | | |
| 95 | 17.1 | 10.5 | 0.31 | 10.2 | 17.8 | 11.2 | 0.27 | 9.70 | | | | | | | | | | |
| 100 | 16.6 | 10.1 | 0.11 | 10.0 | 17.6 | 11.0 | 0.09 | 9.31 | | | | | | | | | | |
| 105 | 16.0 | 9.85 | 0.11 | 9.79 | 17.1 | 10.7 | 0.11 | 8.51 | | | | | | | | | | |
| 110 | 15.1 | 9.29 | 0.11 | 9.30 | 16.3 | 10.2 | 0.13 | 7.63 | | | | | | | | | | |
| 115 | 14.1 | 8.09 | 0.14 | 7.77 | 15.3 | 8.86 | 0.15 | 6.35 | | | | | | | | | | |
| 120 | 12.9 | 5.02 | 0.19 | 6.77 | 14.1 | 7.84 | 0.19 | 3.38 | | | | | | | | | | |
| 125 | 11.0 | 1.72 | 0.19 | 3.54 | 12.7 | 4.52 | 0.21 | 0.88 | | | | | | | | | | |
| 130 | 6.23 | 0.51 | 0.20 | 0.75 | 10.4 | 1.02 | 0.23 | 0.34 | | | | | | | | | | |
| 135 | 1.86 | 0.41 | 0.21 | 0.41 | 5.28 | 0.39 | 0.25 | 0.33 | | | | | | | | | | |
| 140 | 0.68 | 0.39 | 0.24 | 0.41 | 1.12 | 0.37 | 0.27 | 0.33 | | | | | | | | | | |
| 145 | 0.60 | 0.38 | 0.29 | 0.39 | 0.43 | 0.37 | 0.29 | 0.33 | | | | | | | | | | |
| 150 | 0.55 | 0.38 | 0.29 | 0.40 | 0.43 | 0.38 | 0.30 | 0.33 | | | | | | | | | | |
| 155 | 0.50 | 0.38 | 0.29 | 0.41 | 0.41 | 0.40 | 0.34 | 0.33 | | | | | | | | | | |
| 160 | 0.49 | 0.39 | 0.33 | 0.42 | 0.41 | 0.40 | 0.37 | 0.33 | | | | | | | | | | |
| 165 | 0.48 | 0.41 | 0.39 | 0.43 | 0.41 | 0.40 | 0.41 | 0.33 | | | | | | | | | | |
| 170 | 0.47 | 0.44 | 0.40 | 0.44 | 0.41 | 0.40 | 0.44 | 0.37 | | | | | | | | | | |
| 175 | 0.43 | 0.48 | 0.41 | 0.44 | 0.41 | 0.41 | 0.47 | 0.41 | | | | | | | | | | |
| 180 | 0.43 | 0.50 | 0.43 | 0.44 | 0.41 | 0.43 | 0.47 | 0.43 | | | | | | | | | | |

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C Interval: 45.0DEG
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