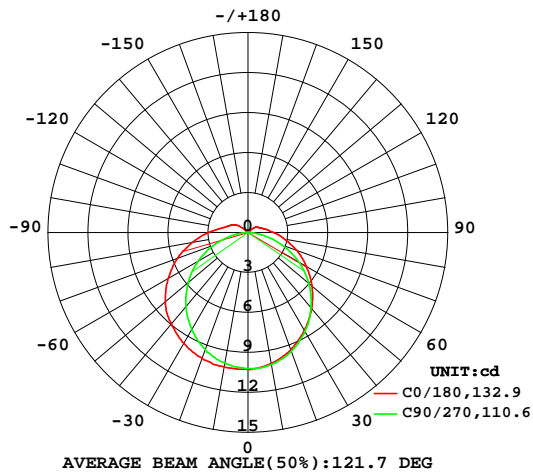


LUMINAIRE PHOTOMETRIC TEST REPORT

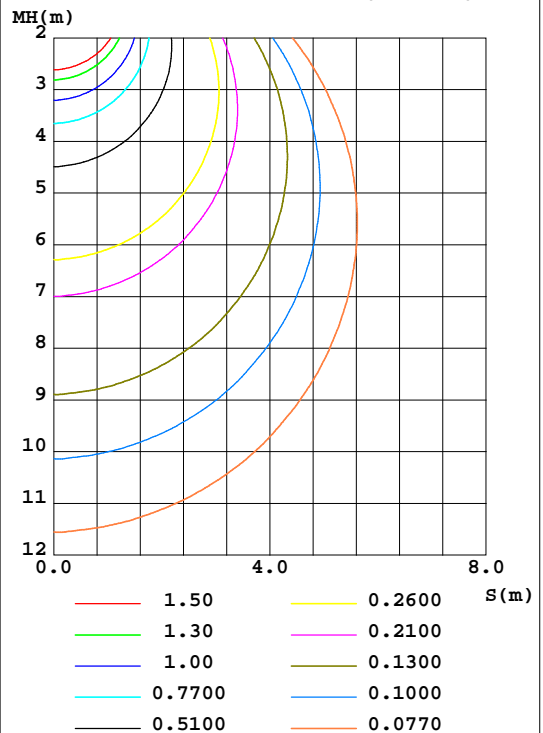
| | | |
|---|-------------------|------------------|
| Test:U:24.00V I:0.4387A P:10.53W PF:1.000 Freq:0Hz Lamp Flux:36.7476x1 lm | | |
| NAME: NNT0711 | TYPE:01 | WEIGHT: |
| SPEC.:NNT0711-0R24CSN050CC0100 | DIM.: 1000*7*11mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*7 | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA | | | | Eff: 3.49 lm/W |
|------------------|---------|-----------------------|--------|-------------------|----------|----------------|
| MODEL | NNT0711 | I _{max} (cd) | 10.28 | S/MH(C0/180) | 1.24 | |
| NOMINAL POWER(W) | 10 | LOR(%) | 100.0 | S/MH(C90/270) | 1.23 | |
| RATED VOLTAGE(V) | 24 | TOTAL FLUX(lm) | 36.748 | h UP,DN(C0-180) | 3.8,44.4 | |
| NOMINAL FLUX(lm) | 36.7476 | CIE CLASS | DIRECT | h UP,DN(C180-360) | 4.5,47.3 | |
| LAMPS INSIDE | 1 | h up(%) | 8.3 | CIBSE SHR NOM | 1.25 | |
| TEST VOLTAGE(V) | 24 | h down(%) | 91.7 | CIBSE SHR MAX | 1.35 | |

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: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:

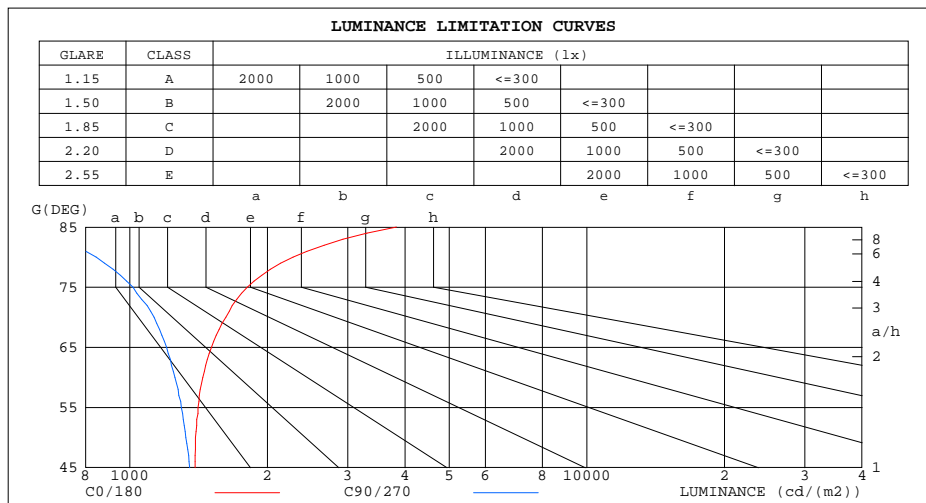
| g | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | g | F zone | F total | %lum,lamp |
|-----|-----------------------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|-----------|
| 10 | 9.987 | 9.945 | 10.07 | 10.15 | 10.26 | 10.21 | 9.965 | 9.954 | 0- 10 | 0.9688 | 0.9688 | 2.64,2.64 |
| 20 | 9.378 | 9.356 | 9.505 | 9.791 | 10.05 | 9.833 | 9.362 | 9.300 | 10- 20 | 2.784 | 3.753 | 10.2,10.2 |
| 30 | 8.490 | 8.408 | 8.572 | 9.148 | 9.612 | 9.165 | 8.420 | 8.336 | 20- 30 | 4.243 | 7.996 | 21.8,21.8 |
| 40 | 7.435 | 7.250 | 7.377 | 8.236 | 8.944 | 8.257 | 7.251 | 7.161 | 30- 40 | 5.182 | 13.18 | 35.9,35.9 |
| 50 | 6.268 | 5.942 | 5.969 | 7.119 | 8.086 | 7.157 | 5.858 | 5.833 | 40- 50 | 5.524 | 18.70 | 50.9,50.9 |
| 60 | 5.059 | 4.579 | 4.395 | 5.947 | 6.904 | 5.959 | 4.320 | 4.490 | 50- 60 | 5.263 | 23.97 | 65.2,65.2 |
| 70 | 3.884 | 3.229 | 2.706 | 4.547 | 5.627 | 4.576 | 2.654 | 3.171 | 60- 70 | 4.459 | 28.42 | 77.4,77.4 |
| 80 | 2.767 | 1.994 | 1.026 | 3.059 | 4.227 | 3.134 | 1.028 | 1.966 | 70- 80 | 3.259 | 31.68 | 86.2,86.2 |
| 90 | 1.944 | 1.182 | 0.0537 | 1.822 | 2.969 | 1.925 | 0.0134 | 1.177 | 80- 90 | 2.019 | 33.70 | 91.7,91.7 |
| 100 | 1.404 | 0.6990 | 0.0267 | 1.062 | 1.983 | 1.123 | 0.0200 | 0.5076 | 90-100 | 1.194 | 34.90 | 95,95 |
| 110 | 1.036 | 0.5076 | 0.0267 | 0.8485 | 1.502 | 0.9020 | 0.0334 | 0.4945 | 100-110 | 0.7927 | 35.69 | 97.1,97.1 |
| 120 | 0.8217 | 0.2918 | 0.0267 | 0.4041 | 1.168 | 0.4372 | 0.0534 | 0.2476 | 110-120 | 0.5684 | 36.26 | 98.7,98.7 |
| 130 | 0.3813 | 0.1136 | 0.0399 | 0.0802 | 0.4634 | 0.0802 | 0.0734 | 0.0802 | 120-130 | 0.2523 | 36.51 | 99.4,99.4 |
| 140 | 0.1336 | 0.1136 | 0.0935 | 0.0938 | 0.0935 | 0.0735 | 0.0867 | 0.0868 | 130-140 | 0.0828 | 36.59 | 99.6,99.6 |
| 150 | 0.1336 | 0.1136 | 0.1002 | 0.1002 | 0.1002 | 0.1002 | 0.1002 | 0.1002 | 140-150 | 0.0637 | 36.66 | 99.8,99.8 |
| 160 | 0.1336 | 0.1269 | 0.1002 | 0.1002 | 0.1002 | 0.1002 | 0.1136 | 0.1069 | 150-160 | 0.0500 | 36.71 | 99.9,99.9 |
| 170 | 0.1336 | 0.1269 | 0.1002 | 0.1002 | 0.1002 | 0.1002 | 0.1136 | 0.1069 | 160-170 | 0.0312 | 36.74 | 100,100 |
| 180 | 0.1269 | 0.1269 | 0.1002 | 0.1002 | 0.1002 | 0.1002 | 0.1136 | 0.1069 | 170-180 | 0.0105 | 36.75 | 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
 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:0.4387A P:10.53W PF:1.000 Freq:0Hz Lamp Flux:36.7476x1 lm | | |
| NAME: NNT0711 | TYPE:01 | WEIGHT: |
| SPEC.:NNT0711-0R24CSN050CC0100 | DIM.: 1000*7*11mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*7 | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G(DEG) | C0/180 | C90/270 |
| 85 | 3833 | 616 |
| 80 | 2276 | 844 |
| 75 | 1808 | 1016 |
| 70 | 1622 | 1130 |
| 65 | 1509 | 1205 |
| 60 | 1446 | 1256 |
| 55 | 1410 | 1296 |
| 50 | 1393 | 1327 |
| 45 | 1389 | 1353 |

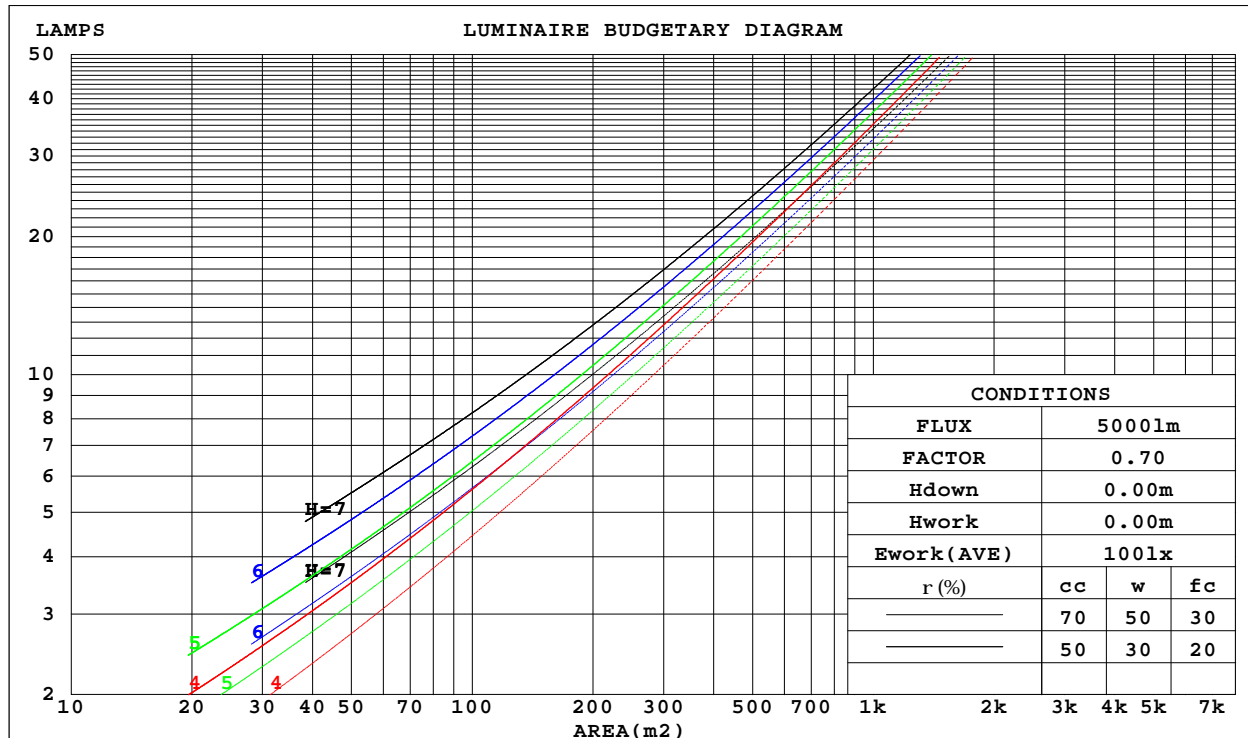
C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JYH
 Test Date:2021-04-08

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:0.4387A P:10.53W PF:1.000 Freq:0Hz Lamp Flux:36.7476x1 lm | | |
| NAME: NNT0711 | TYPE:01 | WEIGHT: |
| SPEC.:NNT0711-0R24CSN050CC0100 | 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 Coefficients of Utilization(CU) | | | | | | | | | | | | | | | |
| 0.0 | 1.17 | 1.17 | 1.17 | 1.13 | 1.13 | 1.13 | 1.07 | 1.07 | 1.07 | 1.00 | 1.00 | 1.00 | .94 | .94 | .94 | .92 |
| 1.0 | .99 | .94 | .90 | .96 | .92 | .88 | .90 | .87 | .83 | .85 | .82 | .79 | .80 | .78 | .75 | .73 |
| 2.0 | .85 | .78 | .72 | .83 | .76 | .70 | .78 | .72 | .67 | .73 | .69 | .64 | .69 | .65 | .62 | .59 |
| 3.0 | .74 | .66 | .59 | .72 | .64 | .58 | .68 | .61 | .56 | .64 | .58 | .53 | .60 | .56 | .52 | .49 |
| 4.0 | .66 | .56 | .49 | .64 | .55 | .48 | .60 | .53 | .47 | .57 | .50 | .45 | .54 | .48 | .44 | .41 |
| 5.0 | .58 | .49 | .42 | .57 | .48 | .41 | .54 | .46 | .40 | .51 | .44 | .39 | .48 | .42 | .38 | .35 |
| 6.0 | .52 | .43 | .36 | .51 | .42 | .36 | .48 | .41 | .35 | .46 | .39 | .34 | .43 | .38 | .33 | .31 |
| 7.0 | .47 | .38 | .32 | .46 | .38 | .32 | .44 | .36 | .31 | .42 | .35 | .30 | .40 | .34 | .29 | .27 |
| 8.0 | .43 | .34 | .28 | .42 | .34 | .28 | .40 | .33 | .27 | .38 | .32 | .27 | .36 | .30 | .26 | .24 |
| 9.0 | .39 | .31 | .25 | .39 | .31 | .25 | .37 | .30 | .25 | .35 | .29 | .24 | .34 | .28 | .23 | .22 |
| 10.0 | .36 | .28 | .23 | .36 | .28 | .23 | .34 | .27 | .22 | .33 | .26 | .22 | .31 | .25 | .21 | .19 |



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:0.4387A P:10.53W PF:1.000 Freq:0Hz Lamp Flux:36.7476x1 lm | | |
| NAME: NNT0711 | TYPE:01 | WEIGHT: |
| SPEC.:NNT0711-0R24CSN050CC0100 | 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 | .360 | .205 | .065 | .350 | .200 | .063 | .332 | .190 | .061 | .315 | .182 | .058 | .300 | .174 | .056 | |
| 2.0 | .320 | .175 | .054 | .311 | .172 | .053 | .295 | .164 | .051 | .280 | .157 | .049 | .266 | .151 | .047 | |
| 3.0 | .288 | .154 | .046 | .281 | .150 | .045 | .266 | .144 | .044 | .252 | .138 | .042 | .240 | .133 | .041 | |
| 4.0 | .262 | .136 | .040 | .255 | .133 | .039 | .242 | .128 | .038 | .230 | .123 | .037 | .218 | .119 | .036 | |
| 5.0 | .239 | .122 | .035 | .233 | .120 | .035 | .221 | .115 | .034 | .210 | .111 | .033 | .200 | .107 | .032 | |
| 6.0 | .220 | .110 | .032 | .215 | .108 | .031 | .204 | .104 | .030 | .194 | .101 | .030 | .185 | .097 | .029 | |
| 7.0 | .204 | .101 | .029 | .199 | .099 | .028 | .189 | .096 | .028 | .180 | .092 | .027 | .171 | .089 | .026 | |
| 8.0 | .189 | .093 | .026 | .185 | .091 | .026 | .176 | .088 | .025 | .168 | .085 | .025 | .160 | .082 | .024 | |
| 9.0 | .177 | .086 | .024 | .173 | .084 | .024 | .165 | .081 | .023 | .157 | .079 | .023 | .150 | .076 | .022 | |
| 10.0 | .166 | .079 | .022 | .162 | .078 | .022 | .155 | .076 | .021 | .148 | .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 | .254 | .254 | .254 | .217 | .217 | .217 | .148 | .148 | .148 | .085 | .085 | .085 | .027 | .027 | .027 | |
| 1.0 | .247 | .219 | .194 | .212 | .188 | .167 | .145 | .130 | .116 | .083 | .075 | .067 | .027 | .024 | .022 | |
| 2.0 | .240 | .196 | .159 | .206 | .169 | .137 | .141 | .117 | .096 | .081 | .068 | .056 | .026 | .022 | .018 | |
| 3.0 | .232 | .179 | .136 | .199 | .154 | .118 | .137 | .107 | .083 | .079 | .063 | .049 | .025 | .020 | .016 | |
| 4.0 | .225 | .166 | .121 | .193 | .143 | .105 | .133 | .100 | .074 | .077 | .059 | .044 | .025 | .019 | .014 | |
| 5.0 | .217 | .156 | .111 | .186 | .135 | .096 | .128 | .094 | .068 | .074 | .055 | .040 | .024 | .018 | .013 | |
| 6.0 | .210 | .148 | .103 | .180 | .128 | .090 | .124 | .090 | .064 | .072 | .053 | .038 | .023 | .017 | .012 | |
| 7.0 | .203 | .141 | .098 | .174 | .122 | .085 | .120 | .086 | .060 | .070 | .050 | .036 | .023 | .017 | .012 | |
| 8.0 | .196 | .135 | .094 | .169 | .117 | .082 | .117 | .082 | .058 | .068 | .049 | .035 | .022 | .016 | .011 | |
| 9.0 | .190 | .130 | .090 | .163 | .113 | .079 | .113 | .080 | .056 | .066 | .047 | .033 | .021 | .015 | .011 | |
| 10.0 | .184 | .126 | .088 | .158 | .110 | .077 | .110 | .077 | .054 | .064 | .046 | .032 | .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:0.4387A P:10.53W PF:1.000 Freq:0Hz Lamp Flux:36.7476x1 lm | | | | | | | | | | | |
| NAME: NNT0711 | | | | | | TYPE:01 | | | WEIGHT: | | |
| SPEC.:NNT0711-0R24CSN050CC0100 | | | | | | 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 | 24.7 | 26.2 | 25.1 | 26.6 | 26.9 | 24.3 | 25.8 | 24.7 | 26.1 | 26.5 | |
| | 3H | 26.8 | 28.2 | 27.2 | 28.5 | 29.0 | 25.8 | 27.2 | 26.2 | 27.6 | 28.0 |
| | 4H | 27.9 | 29.2 | 28.3 | 29.6 | 30.0 | 26.4 | 27.7 | 26.9 | 28.1 | 28.5 |
| | 6H | 29.0 | 30.2 | 29.5 | 30.7 | 31.1 | 26.8 | 28.0 | 27.3 | 28.5 | 28.9 |
| | 8H | 29.7 | 30.8 | 30.1 | 31.3 | 31.7 | 26.9 | 28.1 | 27.4 | 28.5 | 29.0 |
| | 12H | 30.4 | 31.5 | 30.9 | 32.0 | 32.5 | 27.0 | 28.1 | 27.4 | 28.5 | 29.0 |
| 4H | 2H | 25.3 | 26.6 | 25.7 | 27.0 | 27.4 | 25.0 | 26.3 | 25.4 | 26.7 | 27.1 |
| | 3H | 27.6 | 28.7 | 28.1 | 29.2 | 29.6 | 26.7 | 27.9 | 27.2 | 28.3 | 28.8 |
| | 4H | 28.8 | 29.8 | 29.3 | 30.3 | 30.8 | 27.5 | 28.5 | 28.0 | 29.0 | 29.5 |
| | 6H | 30.1 | 31.1 | 30.7 | 31.6 | 32.1 | 28.0 | 29.0 | 28.6 | 29.5 | 30.0 |
| | 8H | 30.9 | 31.8 | 31.4 | 32.3 | 32.8 | 28.2 | 29.1 | 28.8 | 29.6 | 30.2 |
| | 12H | 31.8 | 32.6 | 32.3 | 33.1 | 33.7 | 28.3 | 29.1 | 28.9 | 29.7 | 30.3 |
| 8H | 4H | 29.1 | 30.0 | 29.6 | 30.5 | 31.1 | 28.0 | 28.8 | 28.5 | 29.4 | 29.9 |
| | 6H | 30.7 | 31.4 | 31.2 | 32.0 | 32.6 | 28.8 | 29.5 | 29.4 | 30.1 | 30.7 |
| | 8H | 31.6 | 32.3 | 32.2 | 32.8 | 33.5 | 29.1 | 29.8 | 29.7 | 30.3 | 31.0 |
| | 12H | 32.7 | 33.3 | 33.3 | 33.9 | 34.5 | 29.4 | 29.9 | 30.0 | 30.5 | 31.2 |
| 12H | 4H | 29.1 | 29.9 | 29.7 | 30.5 | 31.0 | 28.1 | 28.9 | 28.6 | 29.4 | 30.0 |
| | 6H | 30.8 | 31.4 | 31.4 | 32.0 | 32.6 | 29.0 | 29.7 | 29.6 | 30.3 | 30.9 |
| | 8H | 31.8 | 32.4 | 32.4 | 32.9 | 33.6 | 29.5 | 30.0 | 30.1 | 30.6 | 31.3 |
| Variations with the observer position at spacings: | | | | | | | | | | | |
| S = 1.0H | + 0.1 / - 0.1 | | | | | + 0.1 / - 0.2 | | | | | |
| 1.5H | + 0.2 / - 0.2 | | | | | + 0.2 / - 0.3 | | | | | |
| 2.0H | + 0.2 / - 0.3 | | | | | + 0.2 / - 0.3 | | | | | |

CIE Pub.117, 36.75 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -11.5)

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:0.4387A P:10.53W PF:1.000 Freq:0Hz Lamp Flux:36.7476x1 lm | | |
| NAME: NNT0711 | TYPE:01 | WEIGHT: |
| SPEC.:NNT0711-0R24CSN050CC0100 | DIM.: 1000*7*11mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*7 | Shielding Angle: |

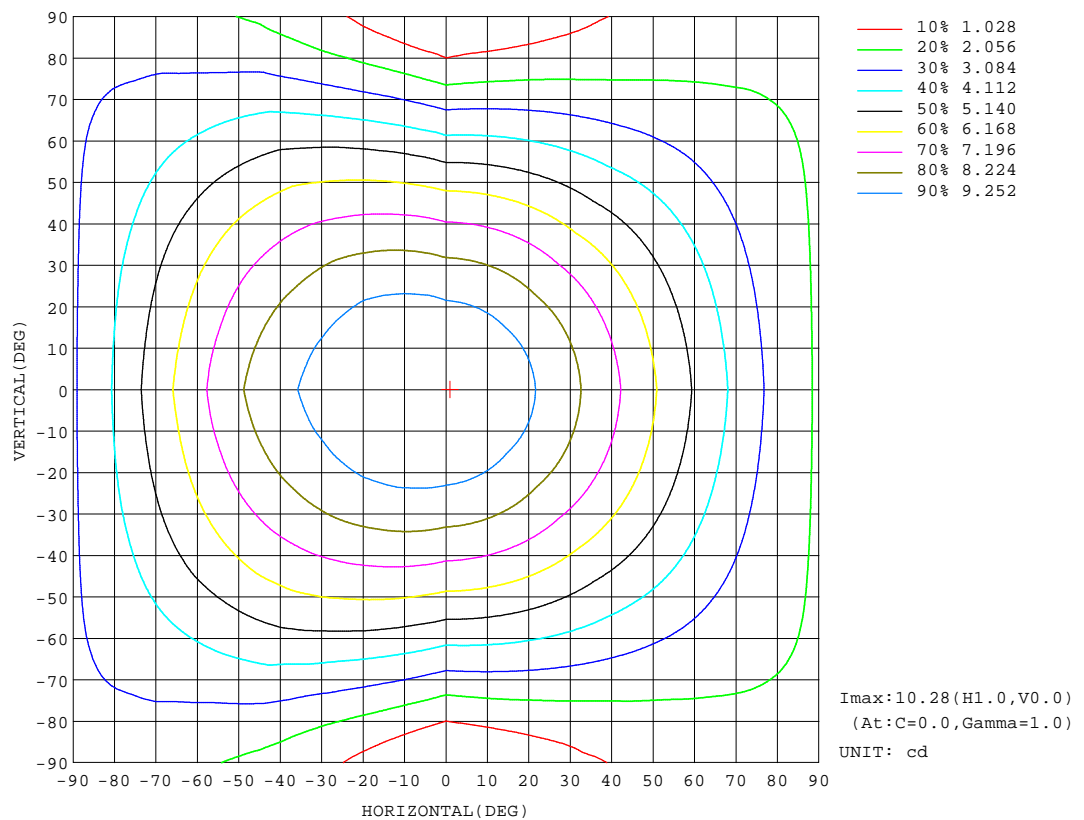
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|---|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 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 | 32 | 26 |
| 0.80 | 62 | 49 | 41 | 60 | 49 | 41 | 58 | 48 | 41 | 33 |
| 1.00 | 70 | 58 | 50 | 68 | 57 | 49 | 65 | 58 | 48 | 40 |
| 1.25 | 77 | 65 | 57 | 75 | 64 | 56 | 71 | 62 | 55 | 47 |
| 1.50 | 82 | 70 | 63 | 80 | 69 | 62 | 76 | 67 | 60 | 51 |
| 2.00 | 89 | 79 | 71 | 87 | 77 | 70 | 82 | 74 | 68 | 59 |
| 2.50 | 93 | 84 | 77 | 91 | 82 | 75 | 86 | 79 | 73 | 63 |
| 3.00 | 97 | 88 | 82 | 94 | 86 | 80 | 89 | 82 | 77 | 67 |
| 4.00 | 101 | 94 | 88 | 98 | 92 | 86 | 93 | 87 | 83 | 71 |
| 5.00 | 104 | 98 | 93 | 101 | 95 | 91 | 95 | 90 | 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:0.4387A P:10.53W PF:1.000 Freq:0Hz Lamp Flux:36.7476x1 lm | | |
| NAME: NNT0711 | TYPE:01 | WEIGHT: |
| SPEC.:NNT0711-0R24CSN050CC0100 | DIM.: 1000*7*11mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*7 | Shielding Angle: |



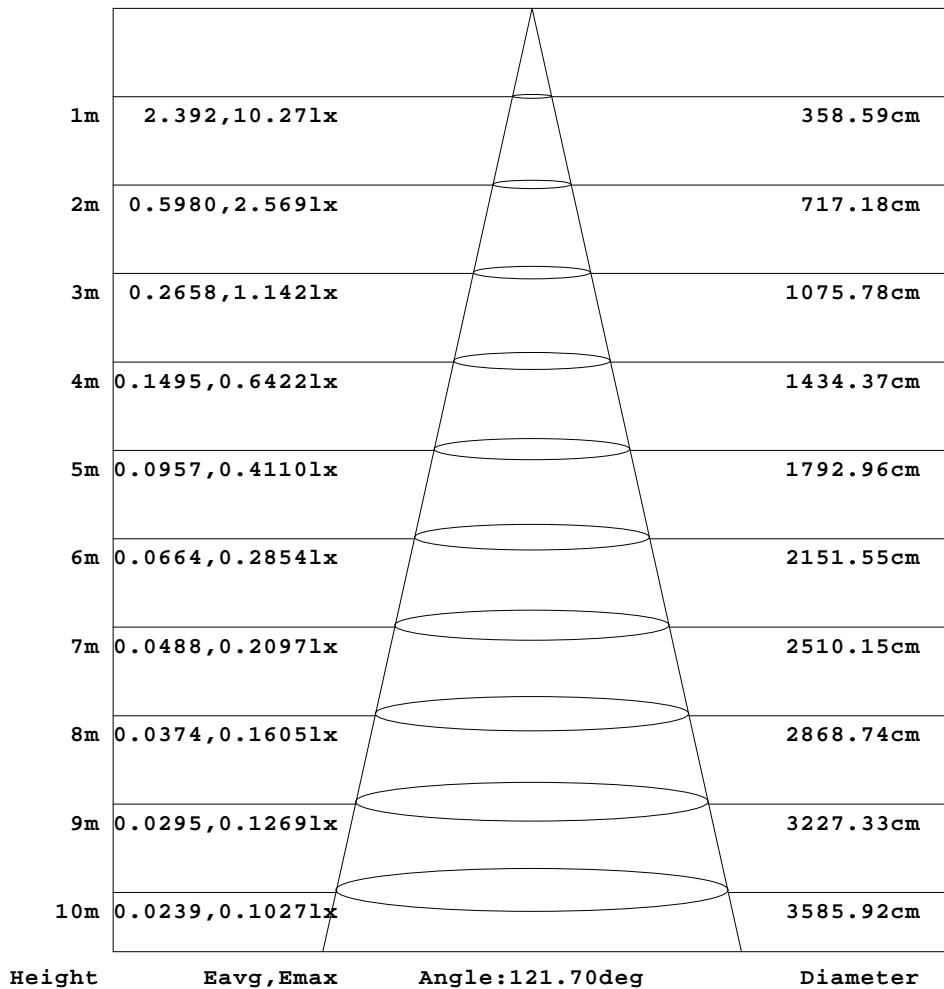
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2021-04-08

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:0.4387A P:10.53W PF:1.000 Freq:0Hz Lamp Flux:36.7476x1 lm | | |
| NAME: NNT0711 | TYPE:01 | WEIGHT: |
| SPEC.:NNT0711-0R24CSN050CC0100 | DIM.: 1000*7*11mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*7 | Shielding Angle: |

Flux out:24.46 lm



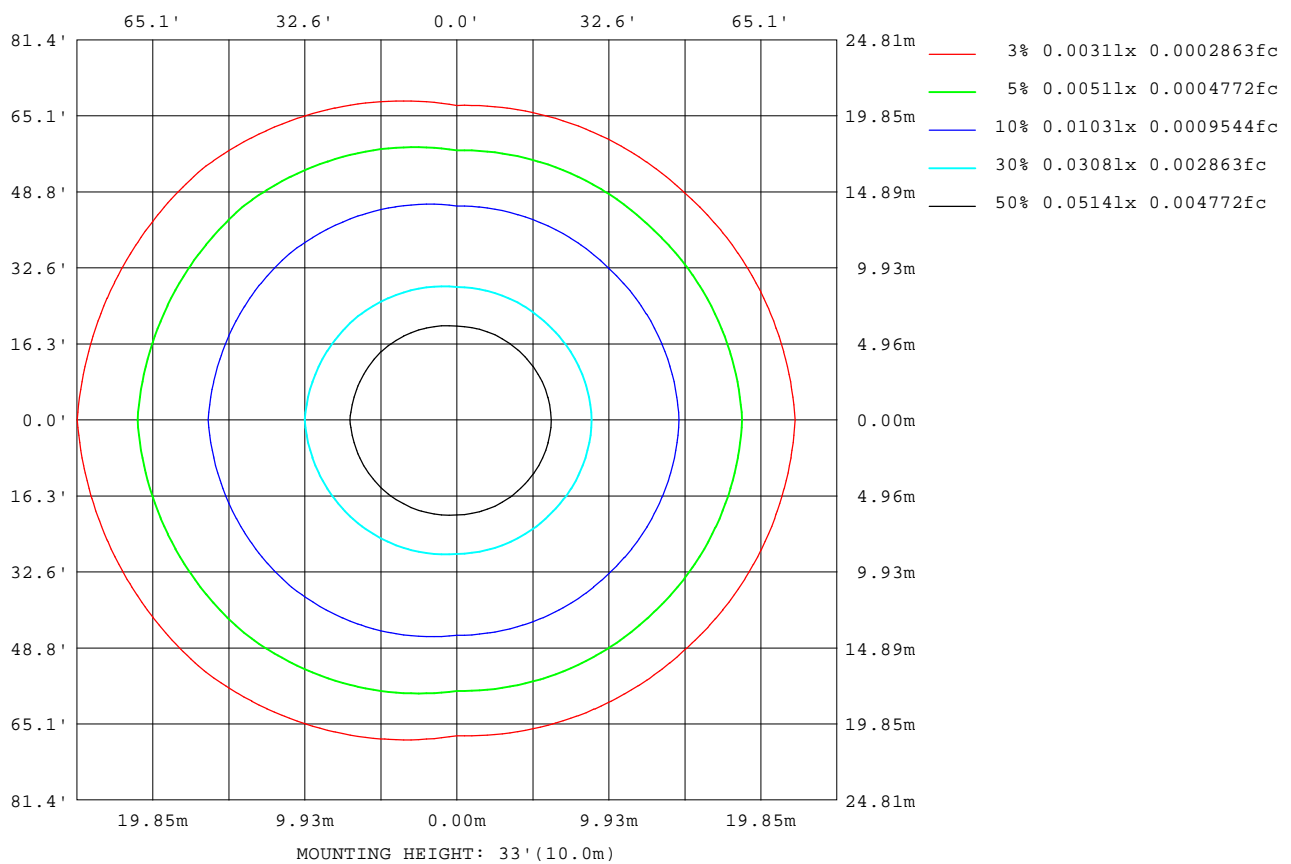
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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
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:0.4387A P:10.53W PF:1.000 Freq:0Hz Lamp Flux:36.7476x1 lm | | |
| NAME: NNT0711 | TYPE:01 | WEIGHT: |
| SPEC.:NNT0711-0R24CSN050CC0100 | 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:

LED Avg.L Report

| | | |
|---|-------------------|------------------|
| Test:U:24.00V I:0.4387A P:10.53W PF:1.000 Freq:0Hz Lamp Flux:36.7476x1 lm | | |
| NAME: NNT0711 | TYPE:01 | WEIGHT: |
| SPEC.:NNT0711-0R24CSN050CC0100 | DIM.: 1000*7*11mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*7 | Shielding Angle: |

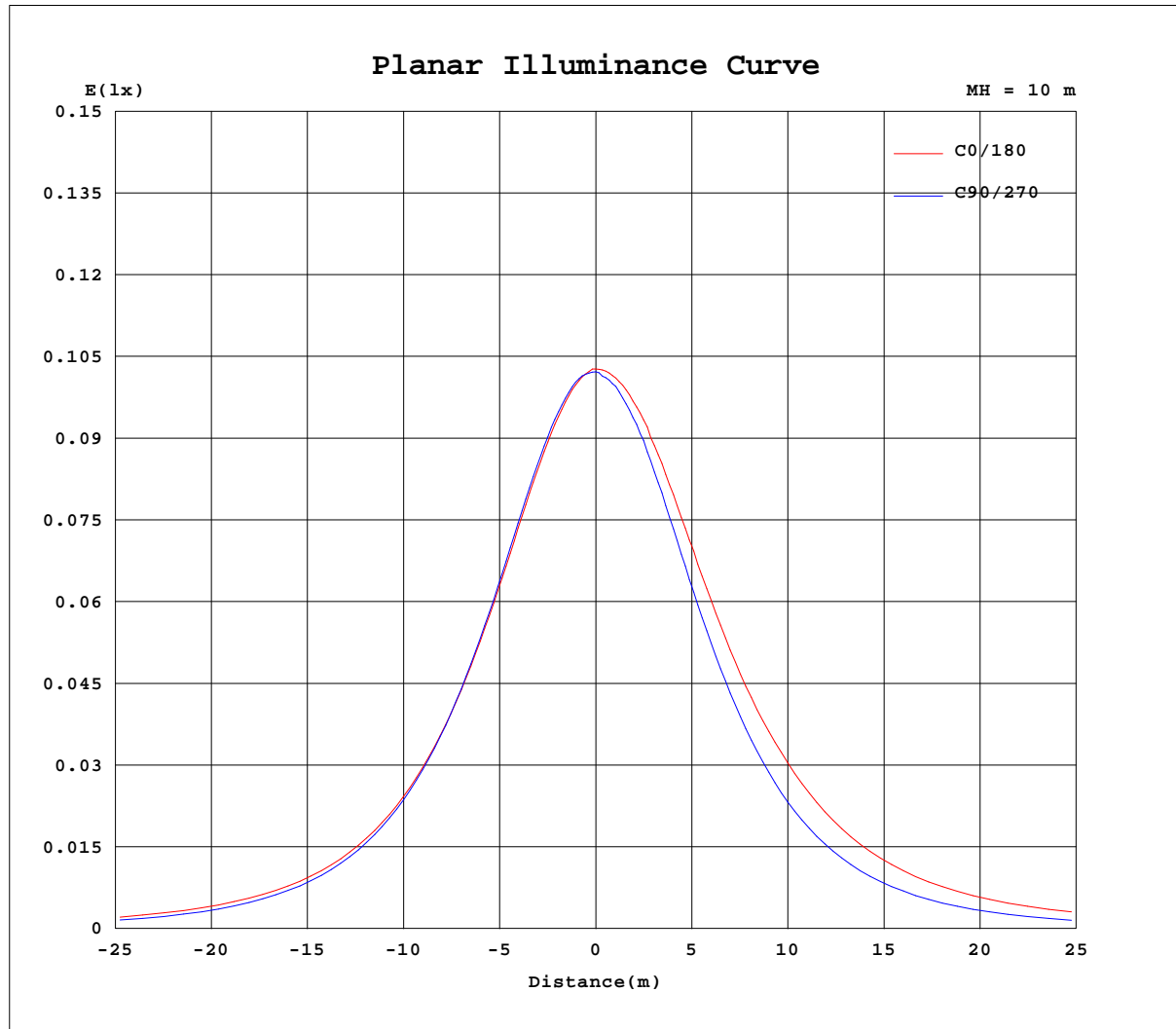
| AvgL | cd/m2 |
|----------------|-------|
| L_0~180(65)av | 1814 |
| L_0~180(75)av | 2260 |
| L_0~180(85)av | 4867 |
| L_90~270(65)av | 1192 |
| L_90~270(75)av | 1004 |
| L_90~270(85)av | 630 |
| L_45(65)av | 1540 |
| L_45(75)av | 1770 |
| L_45(85)av | 3278 |

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:0.4387A P:10.53W PF:1.000 Freq:0Hz Lamp Flux:36.7476x1 lm | | |
| NAME: NNT0711 | TYPE:01 | WEIGHT: |
| SPEC.:NNT0711-0R24CSN050CC0100 | 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 | 10.3 | 10.2 | 10.2 | 10.2 | 10.3 | 10.2 | 10.2 | 10.2 | | | | | | | | | | |
| 5 | 10.2 | 10.1 | 10.2 | 10.2 | 10.3 | 10.2 | 10.1 | 10.1 | | | | | | | | | | |
| 10 | 9.99 | 9.95 | 10.1 | 10.1 | 10.3 | 10.2 | 9.97 | 9.95 | | | | | | | | | | |
| 15 | 9.72 | 9.69 | 9.83 | 10.0 | 10.2 | 10.1 | 9.71 | 9.67 | | | | | | | | | | |
| 20 | 9.38 | 9.36 | 9.51 | 9.79 | 10.1 | 9.83 | 9.36 | 9.30 | | | | | | | | | | |
| 25 | 8.95 | 8.91 | 9.07 | 9.50 | 9.88 | 9.53 | 8.94 | 8.84 | | | | | | | | | | |
| 30 | 8.49 | 8.41 | 8.57 | 9.15 | 9.61 | 9.16 | 8.42 | 8.34 | | | | | | | | | | |
| 35 | 7.98 | 7.86 | 8.01 | 8.72 | 9.30 | 8.73 | 7.87 | 7.78 | | | | | | | | | | |
| 40 | 7.44 | 7.25 | 7.38 | 8.24 | 8.94 | 8.26 | 7.25 | 7.16 | | | | | | | | | | |
| 45 | 6.87 | 6.60 | 6.70 | 7.69 | 8.61 | 7.72 | 6.58 | 6.51 | | | | | | | | | | |
| 50 | 6.27 | 5.94 | 5.97 | 7.12 | 8.09 | 7.16 | 5.86 | 5.83 | | | | | | | | | | |
| 55 | 5.66 | 5.27 | 5.20 | 6.55 | 7.53 | 6.59 | 5.10 | 5.16 | | | | | | | | | | |
| 60 | 5.06 | 4.58 | 4.40 | 5.95 | 6.90 | 5.96 | 4.32 | 4.49 | | | | | | | | | | |
| 65 | 4.46 | 3.90 | 3.56 | 5.23 | 6.27 | 5.28 | 3.49 | 3.81 | | | | | | | | | | |
| 70 | 3.88 | 3.23 | 2.71 | 4.55 | 5.63 | 4.58 | 2.65 | 3.17 | | | | | | | | | | |
| 75 | 3.27 | 2.61 | 1.84 | 3.80 | 4.92 | 3.87 | 1.80 | 2.54 | | | | | | | | | | |
| 80 | 2.77 | 1.99 | 1.03 | 3.06 | 4.23 | 3.13 | 1.03 | 1.97 | | | | | | | | | | |
| 85 | 2.34 | 1.55 | 0.38 | 2.41 | 3.60 | 2.50 | 0.39 | 1.54 | | | | | | | | | | |
| 90 | 1.94 | 1.18 | 0.05 | 1.82 | 2.97 | 1.93 | 0.01 | 1.18 | | | | | | | | | | |
| 95 | 1.64 | 0.86 | 0.05 | 1.36 | 2.42 | 1.44 | 0.01 | 0.87 | | | | | | | | | | |
| 100 | 1.40 | 0.70 | 0.03 | 1.06 | 1.98 | 1.12 | 0.02 | 0.51 | | | | | | | | | | |
| 105 | 1.19 | 0.62 | 0.03 | 0.95 | 1.69 | 0.98 | 0.03 | 0.53 | | | | | | | | | | |
| 110 | 1.04 | 0.51 | 0.03 | 0.85 | 1.50 | 0.90 | 0.03 | 0.49 | | | | | | | | | | |
| 115 | 0.92 | 0.42 | 0.03 | 0.63 | 1.37 | 0.75 | 0.05 | 0.45 | | | | | | | | | | |
| 120 | 0.82 | 0.29 | 0.03 | 0.40 | 1.17 | 0.44 | 0.05 | 0.25 | | | | | | | | | | |
| 125 | 0.71 | 0.11 | 0.03 | 0.09 | 0.95 | 0.15 | 0.05 | 0.09 | | | | | | | | | | |
| 130 | 0.38 | 0.11 | 0.04 | 0.08 | 0.46 | 0.08 | 0.07 | 0.08 | | | | | | | | | | |
| 135 | 0.14 | 0.11 | 0.07 | 0.09 | 0.09 | 0.07 | 0.07 | 0.09 | | | | | | | | | | |
| 140 | 0.13 | 0.11 | 0.09 | 0.09 | 0.09 | 0.07 | 0.09 | 0.09 | | | | | | | | | | |
| 145 | 0.13 | 0.11 | 0.10 | 0.10 | 0.09 | 0.09 | 0.09 | 0.10 | | | | | | | | | | |
| 150 | 0.13 | 0.11 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | | | | | | | | | | |
| 155 | 0.13 | 0.13 | 0.10 | 0.10 | 0.10 | 0.10 | 0.11 | 0.10 | | | | | | | | | | |
| 160 | 0.13 | 0.13 | 0.10 | 0.10 | 0.10 | 0.10 | 0.11 | 0.11 | | | | | | | | | | |
| 165 | 0.13 | 0.13 | 0.10 | 0.10 | 0.10 | 0.10 | 0.11 | 0.11 | | | | | | | | | | |
| 170 | 0.13 | 0.13 | 0.10 | 0.10 | 0.10 | 0.10 | 0.11 | 0.11 | | | | | | | | | | |
| 175 | 0.13 | 0.13 | 0.10 | 0.10 | 0.10 | 0.10 | 0.11 | 0.11 | | | | | | | | | | |
| 180 | 0.13 | 0.13 | 0.10 | 0.10 | 0.10 | 0.10 | 0.11 | 0.11 | | | | | | | | | | |

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
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Humidity:65.0%
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Remarks: