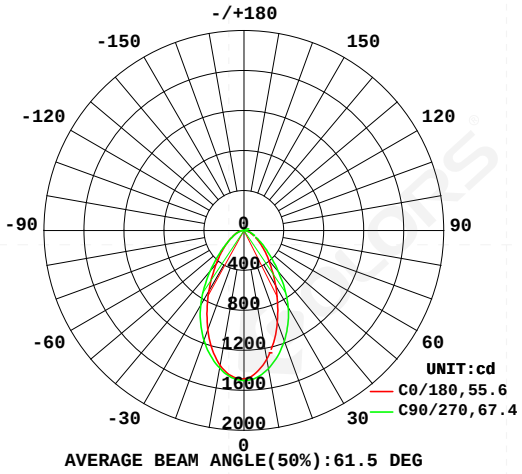
# LUMINAIRE PHOTOMETRIC TEST REPORT

| Test:U:220.0V I:0.1650A P:35.10W PF:0.9670 Freq:50.00Hz Lamp Flux:1930x1 lm | | |
|---|---|---|
| NAME: | TYPE: | WEIGHT: |
| SPEC.:TLS-S60HPXWS1200(N)-T34WWW8D-DC-W | DIM.: 1200*60mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1200*60mm | Shielding Angle: |

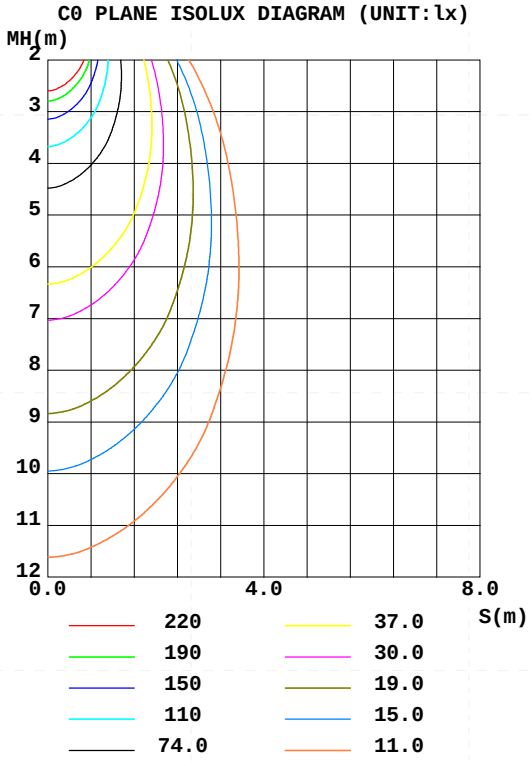
| DATA OF LAMP | | PHOTOMETRIC DATA | | Eff: 54.99 lm/W | |
|---|---|---|---|---|---|
| MODEL | | Imax(cd) | 1501 | S/MH(C0/180) | 0.79 |
| NOMINAL POWER(W) | 34 | LOR(%) | 100.0 | S/MH(C90/270) | 0.95 |
| RATED VOLTAGE(V) | 220 | TOTAL FLUX(lm) | 1930.0 | h UP,DN(C0-180) | 0.6,49.2 |
| NOMINAL FLUX(lm) | 1930 | CIE CLASS | DIRECT | h UP,DN(C180-360) | 0.6,49.6 |
| LAMPS INSIDE | 1 | h up(%) | 1.2 | CIBSE SHR NOM | 0.75 |
| TEST VOLTAGE(V) | 220 | h down(%) | 98.8 | CIBSE SHR MAX | 0.95 |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM




AVERAGE BEAM ANGLE(50%):61.5 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)




C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2022-08-03

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:

# ZONAL FLUX DIAGRAM

**ZONAL FLUX DIAGRAM:**

| g | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | g | F zone | F total | %lum,lamp |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10 | 1309 | 1372 | 1405 | 1391 | 1372 | 1381 | 1400 | 1365 | 0- 10 | 136.9 | 136.9 | 7.09,7.09 |
| 20 | 976.1 | 1092 | 1180 | 1119 | 1060 | 1096 | 1171 | 1081 | 10- 20 | 348.5 | 485.4 | 25.1,25.1 |
| 30 | 636.1 | 746.4 | 886.2 | 778.5 | 708.7 | 753.6 | 870.0 | 736.7 | 20- 30 | 426.0 | 911.3 | 47.2,47.2 |
| 40 | 385.6 | 451.3 | 535.6 | 473.8 | 431.4 | 456.9 | 523.9 | 441.4 | 30- 40 | 377.5 | 1289 | 66.8,66.8 |
| 50 | 226.6 | 253.5 | 282.6 | 265.8 | 255.4 | 258.2 | 272.2 | 246.8 | 40- 50 | 270.0 | 1559 | 80.8,80.8 |
| 60 | 125.1 | 139.9 | 147.6 | 146.6 | 143.8 | 141.6 | 142.3 | 134.5 | 50- 60 | 172.5 | 1731 | 89.7,89.7 |
| 70 | 69.38 | 77.14 | 80.36 | 81.47 | 81.10 | 78.48 | 77.38 | 74.07 | 60- 70 | 105.3 | 1837 | 95.2,95.2 |
| 80 | 25.49 | 30.25 | 32.35 | 33.53 | 35.07 | 31.96 | 30.72 | 28.47 | 70- 80 | 56.16 | 1893 | 98.1,98.1 |
| 90 | 0.4342 | 0.6478 | 0.8461 | 0.6984 | 0.7906 | 0.2608 | 0.1478 | 0.2279 | 80- 90 | 14.26 | 1907 | 98.8,98.8 |
| 100 | 0.7414 | 0.7552 | 0.8201 | 0.7081 | 0.5012 | 0.4663 | 0.5424 | 0.5206 | 90-100 | 0.5425 | 1908 | 98.8,98.8 |
| 110 | 1.289 | 1.256 | 1.366 | 1.090 | 1.002 | 0.8946 | 1.263 | 1.048 | 100-110 | 0.9186 | 1909 | 98.9,98.9 |
| 120 | 2.212 | 2.099 | 2.456 | 1.698 | 1.646 | 1.603 | 2.164 | 1.801 | 110-120 | 1.505 | 1910 | 99,99 |
| 130 | 3.577 | 3.538 | 3.976 | 2.875 | 2.682 | 2.668 | 3.642 | 3.072 | 120-130 | 2.276 | 1912 | 99.1,99.1 |
| 140 | 5.715 | 5.505 | 6.381 | 4.729 | 4.282 | 4.563 | 5.929 | 4.925 | 130-140 | 3.222 | 1916 | 99.3,99.3 |
| 150 | 8.816 | 7.925 | 9.660 | 7.625 | 6.637 | 7.633 | 9.341 | 7.385 | 140-150 | 4.114 | 1920 | 99.5,99.5 |
| 160 | 12.88 | 11.03 | 13.99 | 11.89 | 9.937 | 11.97 | 13.68 | 10.98 | 150-160 | 4.575 | 1924 | 99.7,99.7 |
| 170 | 17.42 | 16.29 | 17.96 | 17.36 | 14.03 | 17.30 | 17.78 | 16.62 | 160-170 | 4.008 | 1928 | 99.9,99.9 |
| 180 | 17.69 | 20.39 | 20.60 | 20.52 | 17.65 | 20.39 | 20.61 | 20.51 | 170-180 | 1.733 | 1930 | 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:2022-08-03

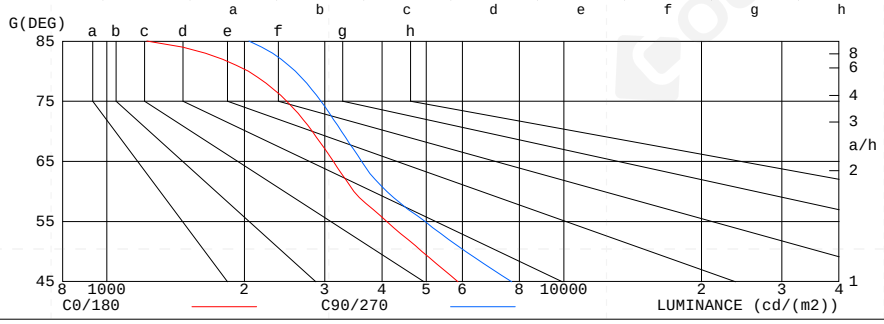
g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.950m [K=1.0000]
Remarks:

# LUMINANCE LIMITATION CURVES

| Test:U:220.0V I:0.1650A P:35.10W PF:0.9670 Freq:50.00Hz Lamp Flux:1930x1 lm | | |
|---|---|---|
| NAME: | TYPE: | WEIGHT: |
| SPEC.:TLS-S60HPXWS1200(N)-T34WWW8D-DC-W | DIM.: 1200*60mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1200*60mm | Shielding Angle: |

**LUMINANCE LIMITATION CURVES**

| GLARE | CLASS | ILLUMINANCE (lx) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1.15 | A | 2000 | 1000 | 500 | <=300 | | | | |
| 1.50 | B | | 2000 | 1000 | 500 | <=300 | | | |
| 1.85 | C | | | 2000 | 1000 | 500 | <=300 | | |
| 2.20 | D | | | | 2000 | 1000 | 500 | <=300 | |
| 2.55 | E | | | | | 2000 | 1000 | 500 | <=300 |
| | | a | b | c | d | e | f | g | h |




| LUMINANCE cd/(m2) | | |
|---|---|---|
| G(DEG) | C0/180 | C90/270 |
| 85 | 1223 | 2048 |
| 80 | 2039 | 2588 |
| 75 | 2477 | 2942 |
| 70 | 2817 | 3263 |
| 65 | 3132 | 3608 |
| 60 | 3475 | 4101 |
| 55 | 4102 | 4972 |
| 50 | 4896 | 6107 |
| 45 | 5867 | 7688 |

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2022-08-03

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:

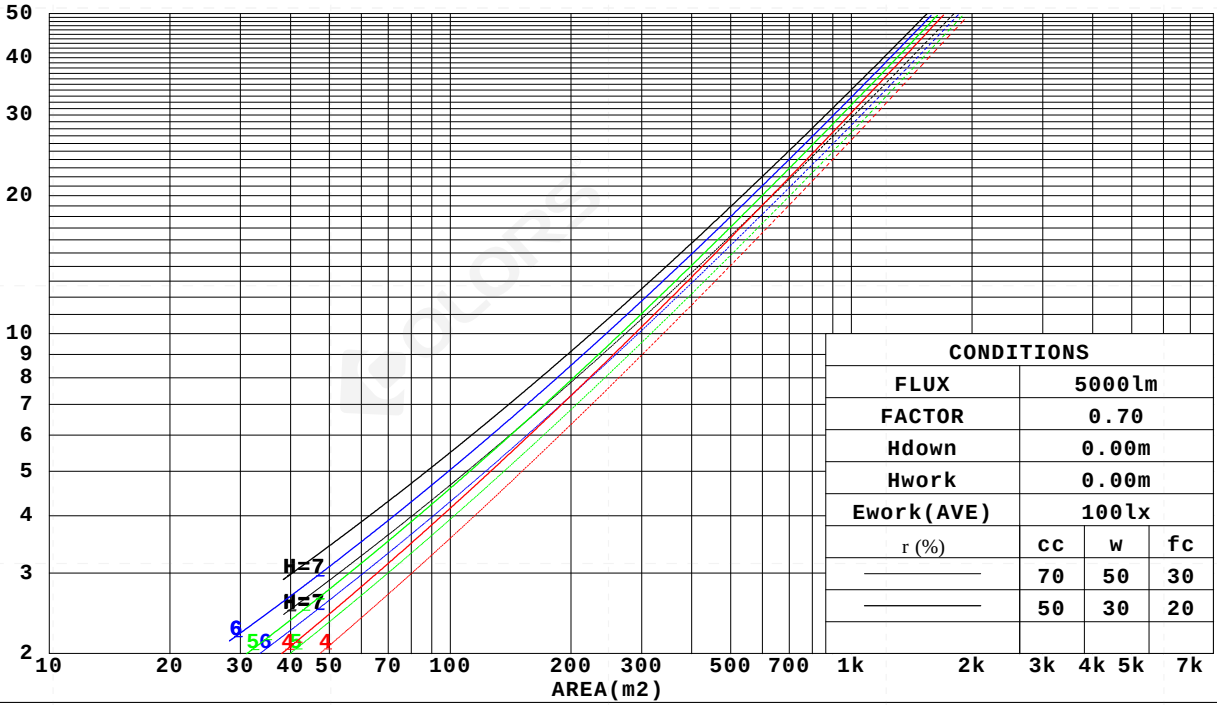
# CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|---|---|---|
| Test:U:220.0V I:0.1650A P:35.10W PF:0.9670 Freq:50.00Hz Lamp Flux:1930x1 lm | | |
| NAME: | TYPE: | WEIGHT: |
| SPEC.:TLS-S60HPXWS1200(N)-T34WWW8D-DC-W | DIM.: 1200*60mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1200*60mm | 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 | | | Coefficients of Utilization(CU) | | | | | | | | | | | | |
| 0.0 | 1.19 | 1.19 | 1.19 | 1.16 | 1.16 | 1.16 | 1.10 | 1.10 | 1.10 | 1.05 | 1.05 | 1.05 | 1.01 | 1.01 | 1.01 | .99 |
| 1.0 | 1.07 | 1.04 | 1.01 | 1.05 | 1.02 | .99 | 1.01 | .98 | .96 | .97 | .95 | .93 | .93 | .91 | .90 | .88 |
| 2.0 | .97 | .91 | .87 | .95 | .90 | .86 | .91 | .87 | .84 | .88 | .85 | .82 | .85 | .82 | .80 | .78 |
| 3.0 | .88 | .81 | .76 | .86 | .80 | .75 | .83 | .78 | .74 | .80 | .76 | .73 | .78 | .74 | .71 | .69 |
| 4.0 | .80 | .73 | .67 | .79 | .72 | .67 | .76 | .70 | .66 | .74 | .69 | .65 | .72 | .68 | .64 | .62 |
| 5.0 | .73 | .66 | .60 | .72 | .65 | .60 | .70 | .64 | .59 | .68 | .63 | .59 | .66 | .62 | .58 | .56 |
| 6.0 | .67 | .60 | .55 | .67 | .59 | .54 | .65 | .59 | .54 | .63 | .58 | .53 | .62 | .57 | .53 | .51 |
| 7.0 | .62 | .55 | .50 | .62 | .55 | .50 | .60 | .54 | .49 | .59 | .53 | .49 | .57 | .52 | .48 | .47 |
| 8.0 | .58 | .51 | .46 | .57 | .50 | .46 | .56 | .50 | .45 | .55 | .49 | .45 | .54 | .48 | .45 | .43 |
| 9.0 | .54 | .47 | .42 | .53 | .47 | .42 | .52 | .46 | .42 | .51 | .46 | .42 | .50 | .45 | .41 | .40 |
| 10.0 | .51 | .44 | .39 | .50 | .43 | .39 | .49 | .43 | .39 | .48 | .43 | .39 | .47 | .42 | .38 | .37 |

LAMPS

LUMINAIRE BUDGETARY DIAGRAM




C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2022-08-03

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:220.0V I:0.1650A P:35.10W PF:0.9670 Freq:50.00Hz Lamp Flux:1930x1 lm | | |
|---|---|---|
| NAME: | TYPE: | WEIGHT: |
| SPEC.:TLS-S60HPXWS1200(N)-T34WWW8D-DC-W | DIM.: 1200*60mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1200*60mm | Shielding Angle: |

| ρcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ρw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| ρfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Wall Exitance Coeffcients(WEC) | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | |
| 1.0 | .239 | .136 | .043 | .231 | .132 | .042 | .218 | .125 | .040 | .205 | .118 | .038 | .194 | .112 | .036 | |
| 2.0 | .228 | .125 | .038 | .222 | .122 | .038 | .210 | .117 | .036 | .199 | .112 | .035 | .189 | .107 | .034 | |
| 3.0 | .214 | .114 | .034 | .209 | .112 | .034 | .199 | .108 | .033 | .189 | .104 | .032 | .180 | .100 | .031 | |
| 4.0 | .201 | .104 | .031 | .196 | .103 | .030 | .187 | .099 | .030 | .179 | .096 | .029 | .171 | .093 | .028 | |
| 5.0 | .189 | .096 | .028 | .184 | .095 | .028 | .176 | .092 | .027 | .169 | .089 | .027 | .162 | .087 | .026 | |
| 6.0 | .177 | .089 | .025 | .174 | .088 | .025 | .166 | .085 | .025 | .160 | .083 | .024 | .154 | .081 | .024 | |
| 7.0 | .167 | .083 | .023 | .164 | .082 | .023 | .157 | .080 | .023 | .151 | .078 | .023 | .146 | .076 | .022 | |
| 8.0 | .158 | .077 | .022 | .155 | .076 | .022 | .149 | .074 | .021 | .144 | .073 | .021 | .139 | .071 | .021 | |
| 9.0 | .149 | .072 | .020 | .147 | .071 | .020 | .141 | .070 | .020 | .137 | .069 | .020 | .132 | .067 | .019 | |
| 10.0 | .142 | .068 | .019 | .139 | .067 | .019 | .135 | .066 | .019 | .130 | .065 | .018 | .126 | .063 | .018 | |

| ρcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ρw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| ρfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Ceiling Cavity Exitance Coefficients(CCEC) | | | | | | | | | |
| 0.0 | .200 | .200 | .200 | .171 | .171 | .171 | .116 | .116 | .116 | .067 | .067 | .067 | .021 | .021 | .021 | |
| 1.0 | .185 | .166 | .149 | .158 | .142 | .128 | .108 | .098 | .089 | .062 | .057 | .052 | .020 | .018 | .017 | |
| 2.0 | .173 | .141 | .115 | .148 | .122 | .099 | .101 | .084 | .069 | .059 | .049 | .041 | .019 | .016 | .013 | |
| 3.0 | .163 | .123 | .091 | .140 | .106 | .079 | .096 | .074 | .056 | .055 | .043 | .033 | .018 | .014 | .011 | |
| 4.0 | .154 | .109 | .075 | .132 | .094 | .065 | .091 | .066 | .046 | .053 | .039 | .027 | .017 | .013 | .009 | |
| 5.0 | .146 | .098 | .063 | .126 | .085 | .055 | .087 | .059 | .039 | .050 | .035 | .023 | .016 | .011 | .008 | |
| 6.0 | .139 | .089 | .054 | .120 | .077 | .047 | .083 | .054 | .033 | .048 | .032 | .020 | .015 | .010 | .006 | |
| 7.0 | .133 | .082 | .047 | .114 | .071 | .041 | .079 | .050 | .029 | .046 | .029 | .017 | .015 | .010 | .006 | |
| 8.0 | .127 | .076 | .042 | .109 | .066 | .036 | .076 | .046 | .026 | .044 | .027 | .015 | .014 | .009 | .005 | |
| 9.0 | .121 | .071 | .037 | .105 | .062 | .033 | .072 | .043 | .023 | .042 | .026 | .014 | .014 | .008 | .005 | |
| 10.0 | .116 | .067 | .034 | .100 | .058 | .030 | .070 | .041 | .021 | .041 | .024 | .013 | .013 | .008 | .004 | |

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2022-08-03

γ Range: 0 - 180DEG
γ 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:220.0V I:0.1650A P:35.10W PF:0.9670 Freq:50.00Hz Lamp Flux:1930x1 lm | | |
|---|---|---|
| NAME: | TYPE: | WEIGHT: |
| SPEC.:TLS-S60HPXWS1200(N)-T34WWW8D-DC-W | DIM.: 1200*60mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1200*60mm | 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 | 14.0 | 15.2 | 14.2 | 15.4 | 15.6 | 14.9 | 16.1 | 15.1 | 16.3 | 16.5 |
| | 3H | 14.7 | 15.9 | 15.0 | 16.1 | 16.3 | 15.6 | 16.7 | 15.9 | 17.0 | 17.2 |
| | 4H | 15.0 | 16.1 | 15.4 | 16.4 | 16.6 | 15.9 | 17.0 | 16.2 | 17.2 | 17.5 |
| | 6H | 15.2 | 16.2 | 15.6 | 16.5 | 16.8 | 16.1 | 17.1 | 16.5 | 17.4 | 17.7 |
| | 8H | 15.3 | 16.2 | 15.6 | 16.5 | 16.8 | 16.2 | 17.2 | 16.6 | 17.5 | 17.8 |
| | 12H | 15.3 | 16.2 | 15.6 | 16.5 | 16.8 | 16.2 | 17.2 | 16.6 | 17.5 | 17.8 |
| 4H | 2H | 14.3 | 15.4 | 14.6 | 15.6 | 15.9 | 15.1 | 16.1 | 15.4 | 16.4 | 16.7 |
| | 3H | 15.3 | 16.2 | 15.7 | 16.5 | 16.8 | 16.0 | 16.9 | 16.4 | 17.2 | 17.6 |
| | 4H | 15.7 | 16.6 | 16.1 | 16.9 | 17.2 | 16.5 | 17.3 | 16.8 | 17.6 | 18.0 |
| | 6H | 16.0 | 16.8 | 16.4 | 17.1 | 17.5 | 16.8 | 17.5 | 17.2 | 17.9 | 18.3 |
| | 8H | 16.1 | 16.8 | 16.5 | 17.2 | 17.6 | 16.9 | 17.6 | 17.3 | 18.0 | 18.4 |
| | 12H | 16.1 | 16.7 | 16.6 | 17.1 | 17.6 | 17.0 | 17.6 | 17.4 | 18.0 | 18.4 |
| 8H | 4H | 15.9 | 16.6 | 16.3 | 17.0 | 17.4 | 16.6 | 17.3 | 17.0 | 17.6 | 18.0 |
| | 6H | 16.3 | 16.9 | 16.8 | 17.3 | 17.7 | 17.0 | 17.6 | 17.5 | 18.0 | 18.4 |
| | 8H | 16.4 | 16.9 | 16.9 | 17.4 | 17.8 | 17.2 | 17.7 | 17.7 | 18.1 | 18.6 |
| | 12H | 16.5 | 16.9 | 17.0 | 17.4 | 17.9 | 17.3 | 17.7 | 17.8 | 18.2 | 18.7 |
| 12H | 4H | 15.9 | 16.5 | 16.3 | 16.9 | 17.3 | 16.5 | 17.2 | 17.0 | 17.6 | 18.0 |
| | 6H | 16.3 | 16.8 | 16.8 | 17.3 | 17.7 | 17.0 | 17.5 | 17.5 | 18.0 | 18.4 |
| | 8H | 16.5 | 16.9 | 17.0 | 17.4 | 17.9 | 17.2 | 17.7 | 17.7 | 18.1 | 18.6 |
| Variations with the observer position at spacings: | | | | | | | | | | | |
| S = 1.0H | | + 0.5 / - 0.6 | | | | | + 0.5 / - 0.6 | | | | |
| 1.5H | | + 0.3 / - 0.5 | | | | | + 0.7 / - 0.4 | | | | |
| 2.0H | | + 0.8 / - 0.8 | | | | | + 1.2 / - 0.7 | | | | |

CIE Pub.117, 1930 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.3)

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2022-08-03

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:220.0V I:0.1650A P:35.10W PF:0.9670 Freq:50.00Hz Lamp Flux:1930x1 lm | | |
|---|---|---|
| NAME: | TYPE: | WEIGHT: |
| SPEC.:TLS-S60HPXWS1200(N)-T34WWW8D-DC-W | DIM.: 1200*60mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1200*60mm | Shielding Angle: |

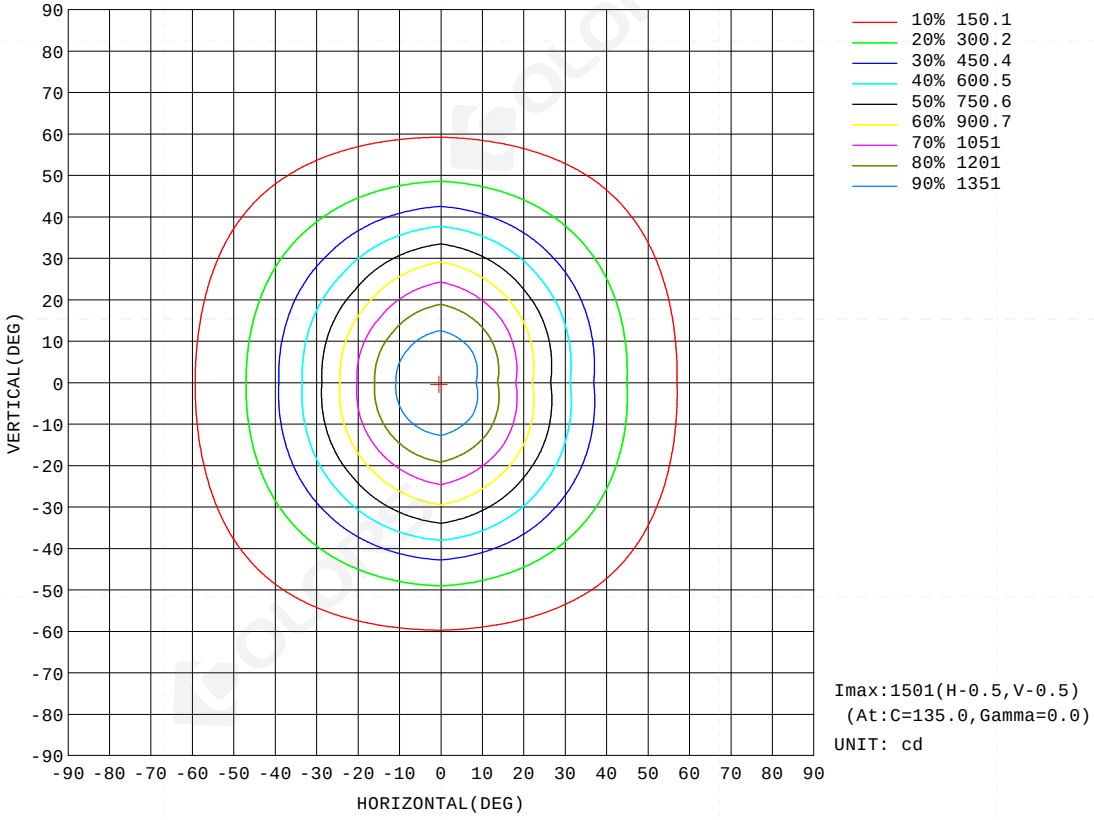
| REFLECTANCE | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5 | | | | | | | | | |
| k = 0.60 | 71 | 62 | 56 | 70 | 61 | 56 | 69 | 61 | 56 | 51 |
| 0.80 | 80 | 71 | 65 | 79 | 71 | 65 | 77 | 70 | 65 | 59 |
| 1.00 | 87 | 78 | 73 | 86 | 78 | 73 | 84 | 78 | 72 | 66 |
| 1.25 | 93 | 85 | 79 | 91 | 84 | 79 | 89 | 83 | 78 | 72 |
| 1.50 | 97 | 89 | 84 | 95 | 88 | 84 | 92 | 87 | 82 | 76 |
| 2.00 | 102 | 95 | 90 | 100 | 94 | 90 | 97 | 92 | 88 | 81 |
| 2.50 | 104 | 99 | 94 | 102 | 97 | 93 | 99 | 94 | 91 | 84 |
| 3.00 | 107 | 102 | 98 | 105 | 100 | 96 | 101 | 97 | 94 | 86 |
| 4.00 | 110 | 106 | 102 | 107 | 104 | 101 | 103 | 100 | 98 | 89 |
| 5.00 | 112 | 108 | 105 | 109 | 106 | 103 | 105 | 102 | 100 | 91 |
| 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:2022-08-03

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:220.0V I:0.1650A P:35.10W PF:0.9670 Freq:50.00Hz Lamp Flux:1930x1 lm | | |
|---|---|---|
| NAME: | TYPE: | WEIGHT: |
| SPEC.:TLS-S60HPXWS1200(N)-T34WWW8D-DC-W | DIM.: 1200*60mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1200*60mm | Shielding Angle: |



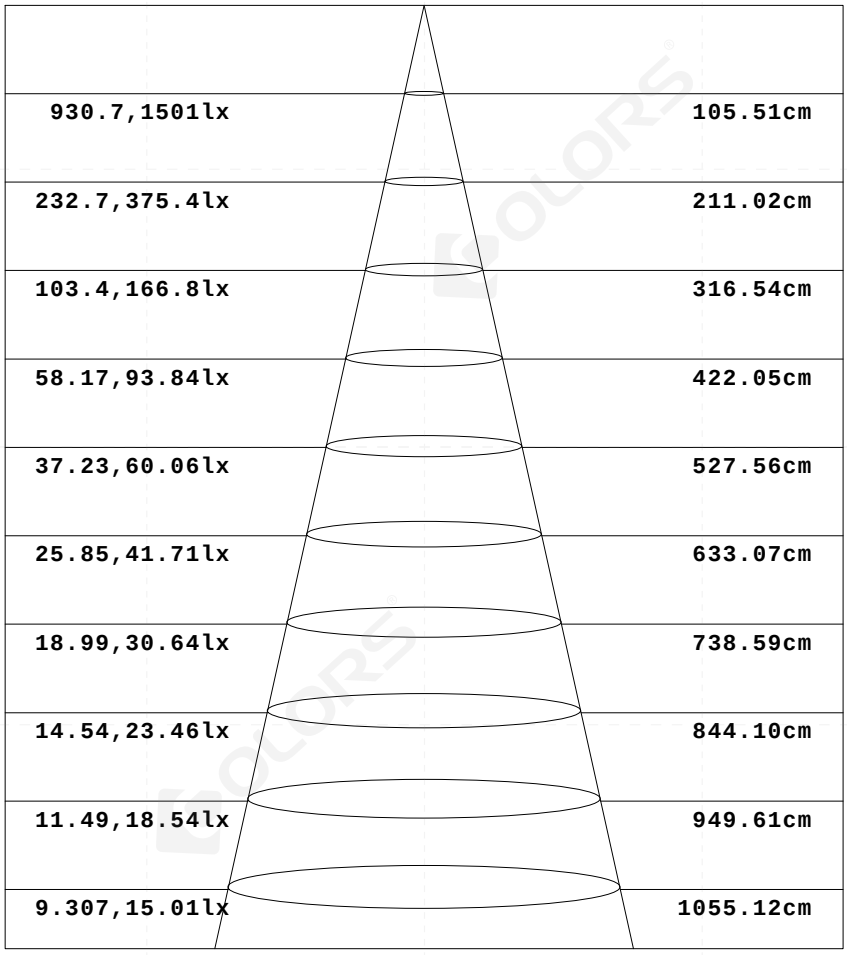

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2022-08-03

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:

## AAI Figure

| Test:U:220.0V I:0.1650A P:35.10W PF:0.9670 Freq:50.00Hz Lamp Flux:1930x1 lm | | |
|---|---|---|
| NAME: | TYPE: | WEIGHT: |
| SPEC.:TLS-S60HPXWS1200(N)-T34WWW8D-DC-W | DIM.: 1200*60mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1200*60mm | Shielding Angle: |

Flux out:826.6 lm



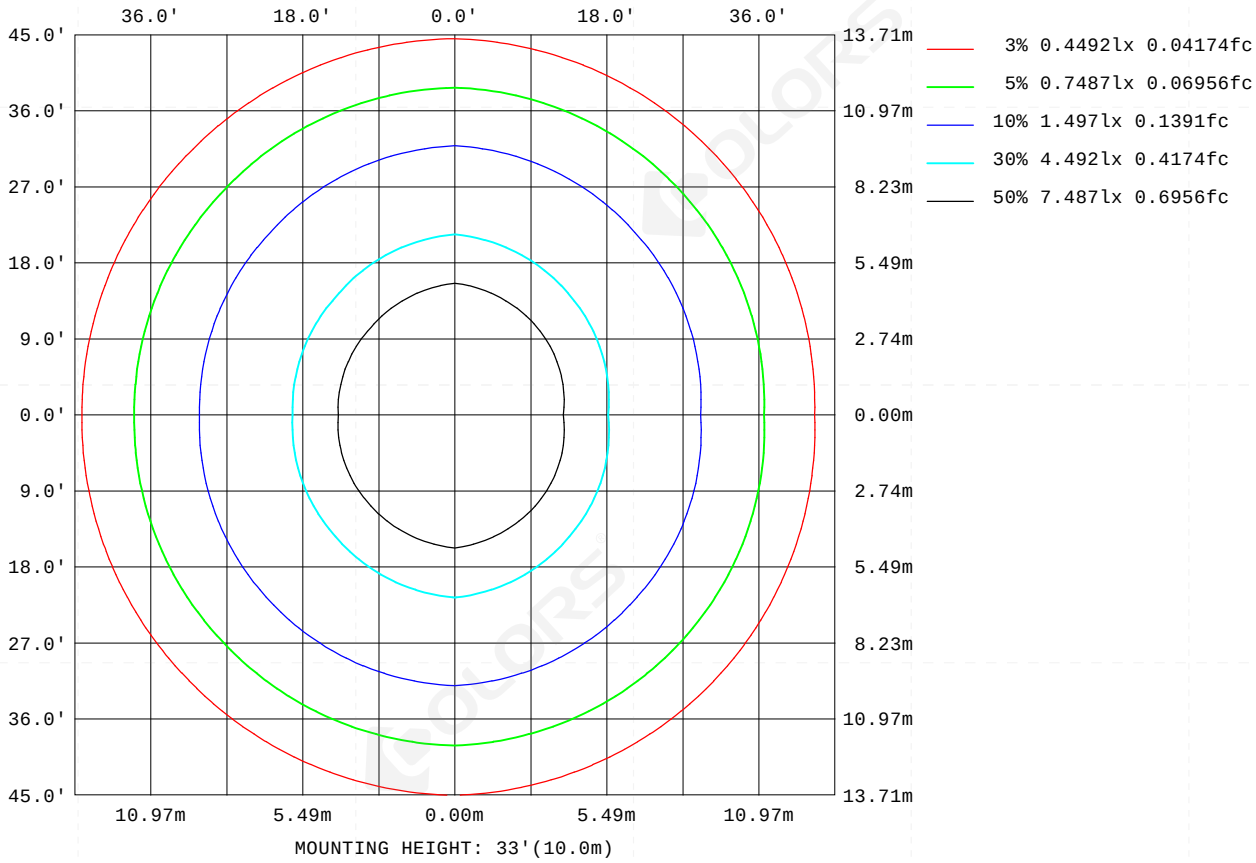

Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2022-08-03

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:220.0V I:0.1650A P:35.10W PF:0.9670 Freq:50.00Hz Lamp Flux:1930x1 lm | | |
|---|---|---|
| NAME: | TYPE: | WEIGHT: |
| SPEC.:TLS-S60HPXWS1200(N)-T34WWW8D-DC-W | DIM.: 1200*60mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1200*60mm | Shielding Angle: |




C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2022-08-03

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:220.0V I:0.1650A P:35.10W PF:0.9670 Freq:50.00Hz Lamp Flux:1930x1 lm | | |
|---|---|---|
| NAME: | TYPE: | WEIGHT: |
| SPEC.:TLS-S60HPXWS1200(N)-T34WWW8D-DC-W | DIM.: 1200*60mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1200*60mm | Shielding Angle: |

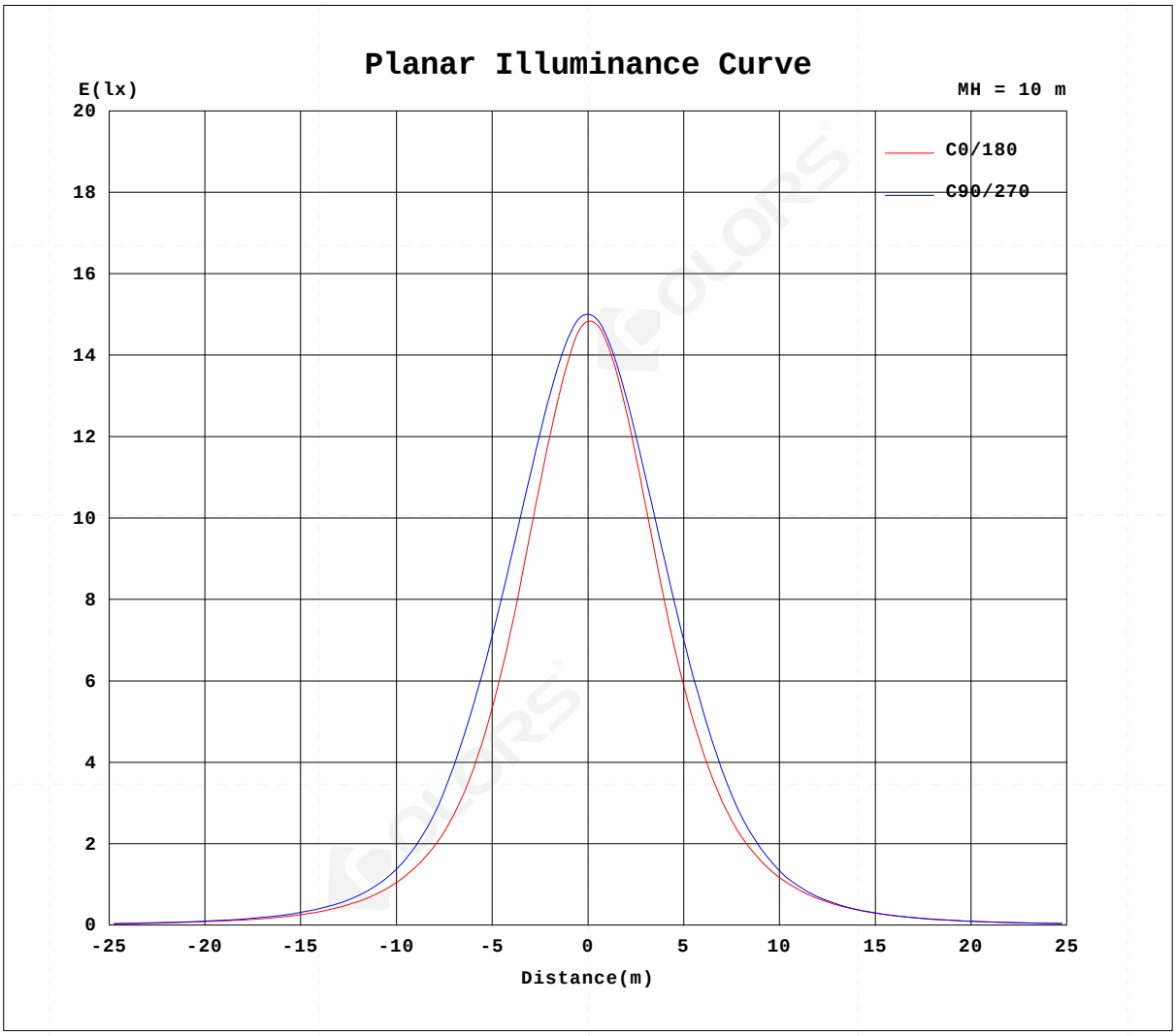
| AvgL | cd/m2 |
|---|---|
| L_0~180(65)av | 3348 |
| L_0~180(75)av | 2766 |
| L_0~180(85)av | 1880 |
| L_90~270(65)av | 3542 |
| L_90~270(75)av | 2884 |
| L_90~270(85)av | 1957 |
| L_45(65)av | 3491 |
| L_45(75)av | 2843 |
| L_45(85)av | 1923 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2022-08-03

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:2022-08-03

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:

# LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---|---|---|
| Test:U:220.0V I:0.1650A P:35.10W PF:0.9670 Freq:50.00Hz Lamp Flux:1930x1 lm | | |
| NAME: | TYPE: | WEIGHT: |
| SPEC.:TLS-S60HPXWS1200(N)-T34WWW8D-DC-W | DIM.: 1200*60mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1200*60mm | Shielding Angle: |

Table--1 UNIT: cd

| γ (DEG) \ C(DEG) | 0 | 45 | 90 | 135 | 180 | 225 | 270 | 315 |
|---|---|---|---|---|---|---|---|---|
| 0 | 1484 | 1501 | 1501 | 1501 | 1484 | 1501 | 1501 | 1501 |
| 5 | 1428 | 1469 | 1477 | 1476 | 1461 | 1470 | 1475 | 1465 |
| 10 | 1309 | 1372 | 1405 | 1391 | 1372 | 1381 | 1400 | 1365 |
| 15 | 1158 | 1242 | 1302 | 1269 | 1233 | 1253 | 1296 | 1235 |
| 20 | 976 | 1092 | 1180 | 1119 | 1060 | 1096 | 1171 | 1081 |
| 25 | 800 | 917 | 1041 | 948 | 878 | 922 | 1028 | 909 |
| 30 | 636 | 746 | 886 | 778 | 709 | 754 | 870 | 737 |
| 35 | 495 | 588 | 713 | 616 | 555 | 594 | 694 | 578 |
| 40 | 386 | 451 | 536 | 474 | 431 | 457 | 524 | 441 |
| 45 | 299 | 339 | 391 | 356 | 333 | 346 | 382 | 332 |
| 50 | 227 | 253 | 283 | 266 | 255 | 258 | 272 | 247 |
| 55 | 169 | 189 | 205 | 198 | 193 | 191 | 196 | 182 |
| 60 | 125 | 140 | 148 | 147 | 144 | 142 | 142 | 134 |
| 65 | 95.3 | 106 | 110 | 111 | 108 | 107 | 106 | 102 |
| 70 | 69.4 | 77.1 | 80.4 | 81.5 | 81.1 | 78.5 | 77.4 | 74.1 |
| 75 | 46.2 | 52.2 | 54.8 | 56.0 | 56.9 | 53.8 | 52.7 | 49.9 |
| 80 | 25.5 | 30.2 | 32.4 | 33.5 | 35.1 | 32.0 | 30.7 | 28.5 |
| 85 | 7.67 | 11.3 | 12.9 | 14.0 | 15.9 | 12.9 | 11.7 | 10.1 |
| 90 | 0.43 | 0.65 | 0.85 | 0.70 | 0.79 | 0.26 | 0.15 | 0.23 |
| 95 | 0.51 | 0.67 | 0.78 | 0.59 | 0.32 | 0.31 | 0.33 | 0.34 |
| 100 | 0.74 | 0.76 | 0.82 | 0.71 | 0.50 | 0.47 | 0.54 | 0.52 |
| 105 | 0.97 | 0.95 | 0.95 | 0.86 | 0.76 | 0.69 | 0.88 | 0.77 |
| 110 | 1.29 | 1.26 | 1.37 | 1.09 | 1.00 | 0.89 | 1.26 | 1.05 |
| 115 | 1.67 | 1.61 | 1.81 | 1.34 | 1.30 | 1.18 | 1.68 | 1.38 |
| 120 | 2.21 | 2.10 | 2.46 | 1.70 | 1.65 | 1.60 | 2.16 | 1.80 |
| 125 | 2.83 | 2.76 | 3.07 | 2.21 | 2.10 | 2.01 | 2.83 | 2.41 |
| 130 | 3.58 | 3.54 | 3.98 | 2.87 | 2.68 | 2.67 | 3.64 | 3.07 |
| 135 | 4.55 | 4.45 | 5.10 | 3.70 | 3.40 | 3.48 | 4.68 | 3.90 |
| 140 | 5.72 | 5.50 | 6.38 | 4.73 | 4.28 | 4.56 | 5.93 | 4.92 |
| 145 | 7.19 | 6.66 | 7.88 | 6.03 | 5.34 | 5.93 | 7.45 | 6.09 |
| 150 | 8.82 | 7.92 | 9.66 | 7.62 | 6.64 | 7.63 | 9.34 | 7.38 |
| 155 | 10.7 | 9.34 | 11.8 | 9.58 | 8.17 | 9.67 | 11.5 | 8.90 |
| 160 | 12.9 | 11.0 | 14.0 | 11.9 | 9.94 | 12.0 | 13.7 | 11.0 |
| 165 | 15.2 | 13.4 | 16.1 | 14.5 | 11.9 | 14.6 | 15.8 | 13.6 |
| 170 | 17.4 | 16.3 | 18.0 | 17.4 | 14.0 | 17.3 | 17.8 | 16.6 |
| 175 | 18.5 | 18.8 | 19.6 | 19.6 | 15.3 | 19.6 | 19.6 | 19.2 |
| 180 | 17.7 | 20.4 | 20.6 | 20.5 | 17.7 | 20.4 | 20.6 | 20.5 |

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2022-08-03

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