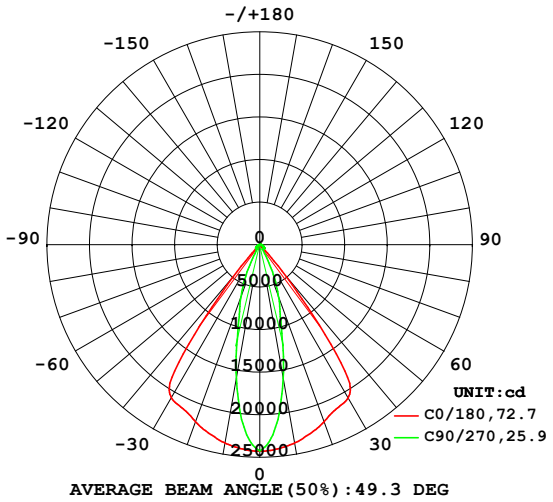
# LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|---|---|---|
| Test:U:230.0V I:0.5318A P:118.7W PF:0.9706 Lamp Flux:14738.7x1 lm | | |
| NAME: LHB01-120 | TYPE:120W | WEIGHT: |
| SPEC.:4000K Ra80 3070DEG L02801 | DIM.: 0.948*0.137*0.102 | SERIAL No.: |
| MFR.: | SUR.:0.92*0.1 | Shielding Angle: |

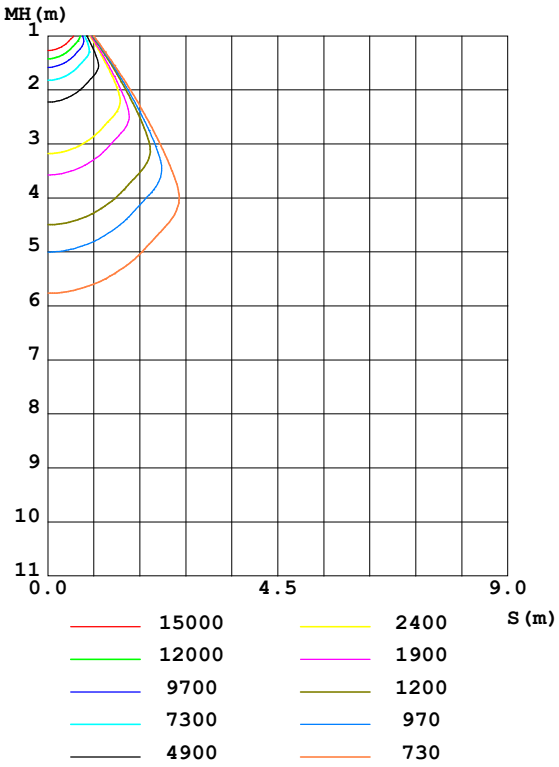
| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 124.14 lm/W | | | |
|---|---|---|---|---|---|
| MODEL | LHB01-120 | Imax(cd) | 24266 | S/MH(C0/180) | 1.05 |
| NOMINAL POWER(W) | 120 | LOR(%) | 100.0 | S/MH(C90/270) | 0.44 |
| RATED VOLTAGE(V) | 230 | TOTAL FLUX(lm) | 14739 | η UP,DN(C0-180) | 0.0,49.6 |
| NOMINAL FLUX(lm) | 14738.7 | CIE CLASS | DIRECT | η UP,DN(C180-360) | 0.0,50.4 |
| LAMPS INSIDE | 1 | η up(%) | 0.0 | CIBSE SHR NOM | 0.00 |
| TEST VOLTAGE(V) | 230 | η down(%) | 100.0 | CIBSE SHR MAX | 1.00 |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM




AVERAGE BEAM ANGLE(50%):49.3 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)




C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-04-22

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:9.500m [K=1.0000]
Remarks:

## ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | %lum,lamp |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 | 2410 | 2262 | 2154 | 2262 | 2410 | 2266 | 2154 | 2266 | 0- 5 | 558.7 | 558.7 | 3.79,3.79 |
| 10 | 2367 | 1912 | 1594 | 1912 | 2367 | 1926 | 1594 | 1926 | 5- 10 | 1502 | 2061 | 14,14 |
| 15 | 2297 | 1457 | 977.7 | 1457 | 2297 | 1477 | 977.7 | 1477 | 10- 15 | 2058 | 4119 | 27.9,27.9 |
| 20 | 2213 | 949.9 | 647.9 | 949.9 | 2213 | 961.2 | 647.9 | 961.2 | 15- 20 | 2245 | 6365 | 43.2,43.2 |
| 25 | 2131 | 656.4 | 356.5 | 656.4 | 2131 | 664.1 | 356.5 | 664.1 | 20- 25 | 2245 | 8610 | 58.4,58.4 |
| 30 | 2079 | 438.4 | 65.10 | 438.4 | 2079 | 445.2 | 65.10 | 445.2 | 25- 30 | 2079 | 10689 | 72.5,72.5 |
| 35 | 1567 | 232.1 | 65.09 | 232.1 | 1567 | 235.0 | 65.09 | 235.0 | 30- 35 | 1774 | 12463 | 84.6,84.6 |
| 40 | 410.7 | 57.81 | 65.08 | 57.81 | 410.7 | 59.58 | 65.08 | 59.58 | 35- 40 | 1069 | 13532 | 91.8,91.8 |
| 45 | 48.54 | 46.51 | 65.07 | 46.51 | 48.54 | 48.48 | 65.07 | 48.48 | 40- 45 | 367.1 | 13899 | 94.3,94.3 |
| 50 | 32.90 | 36.16 | 65.06 | 36.16 | 32.90 | 37.40 | 65.06 | 37.40 | 45- 50 | 174.8 | 14074 | 95.5,95.5 |
| 55 | 26.91 | 29.27 | 54.33 | 29.27 | 26.91 | 29.67 | 54.33 | 29.67 | 50- 55 | 150.1 | 14224 | 96.5,96.5 |
| 60 | 22.81 | 25.05 | 43.60 | 25.05 | 22.81 | 25.07 | 43.60 | 25.07 | 55- 60 | 133.0 | 14357 | 97.4,97.4 |
| 65 | 18.77 | 20.11 | 32.87 | 20.11 | 18.77 | 20.13 | 32.87 | 20.13 | 60- 65 | 116.7 | 14474 | 98.2,98.2 |
| 70 | 14.64 | 15.30 | 22.15 | 15.30 | 14.64 | 15.35 | 22.15 | 15.35 | 65- 70 | 96.94 | 14571 | 98.9,98.9 |
| 75 | 10.06 | 10.44 | 16.76 | 10.44 | 10.06 | 10.55 | 16.76 | 10.55 | 70- 75 | 73.90 | 14645 | 99.4,99.4 |
| 80 | 4.888 | 7.006 | 11.38 | 7.006 | 4.888 | 7.117 | 11.38 | 7.117 | 75- 80 | 51.26 | 14696 | 99.7,99.7 |
| 85 | 1.072 | 3.779 | 5.998 | 3.779 | 1.072 | 3.857 | 5.998 | 3.857 | 80- 85 | 30.76 | 14727 | 99.9,99.9 |
| 90 | 0.1066 | 0.5567 | 0.6158 | 0.5567 | 0.1066 | 0.5920 | 0.6158 | 0.5920 | 85- 90 | 11.91 | 14739 | 100,100 |
| 95 | | | | | | | | | 90- 95 | | | |
| 100 | | | | | | | | | 95-100 | | | |
| 105 | | | | | | | | | 100-105 | | | |
| 110 | | | | | | | | | 105-110 | | | |
| 115 | | | | | | | | | 110-115 | | | |
| 120 | | | | | | | | | 115-120 | | | |
| 125 | | | | | | | | | 120-125 | | | |
| 130 | | | | | | | | | 125-130 | | | |
| 135 | | | | | | | | | 130-135 | | | |
| 140 | | | | | | | | | 135-140 | | | |
| 145 | | | | | | | | | 140-145 | | | |
| 150 | | | | | | | | | 145-150 | | | |
| 155 | | | | | | | | | 150-155 | | | |
| 160 | | | | | | | | | 155-160 | | | |
| 165 | | | | | | | | | 160-165 | | | |
| 170 | | | | | | | | | 165-170 | | | |
| 175 | | | | | | | | | 170-175 | | | |
| 180 | | | | | | | | | 175-180 | | | |
| DEG | LUMINOUS INTENSITY:×10cd | | | | | | | | | UNIT:lm | | |

Conical surface Flux(90deg): 13899 lm

%lum = 94.3%
%lamp = 94.3%

Conical surface Flux(120deg): 14357 lm

%lum = 97.4%
%lamp = 97.4%

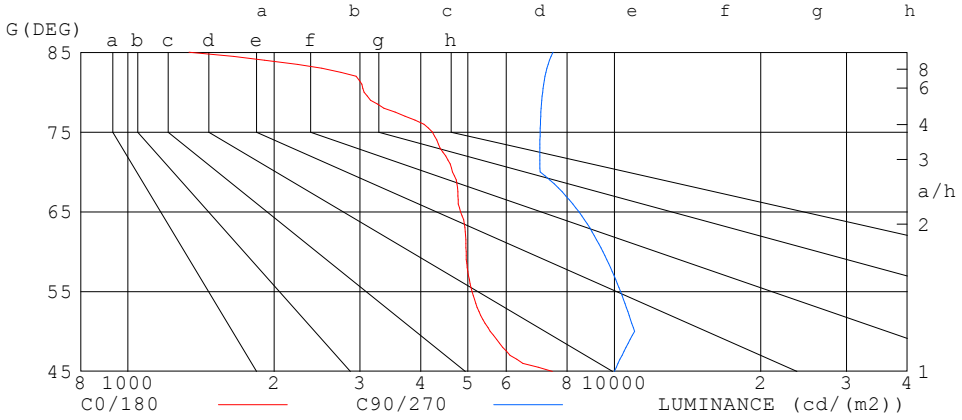
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-04-22

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:9.500m [K=1.0000]
Remarks:

# LUMINANCE LIMITATION CURVES

**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 |



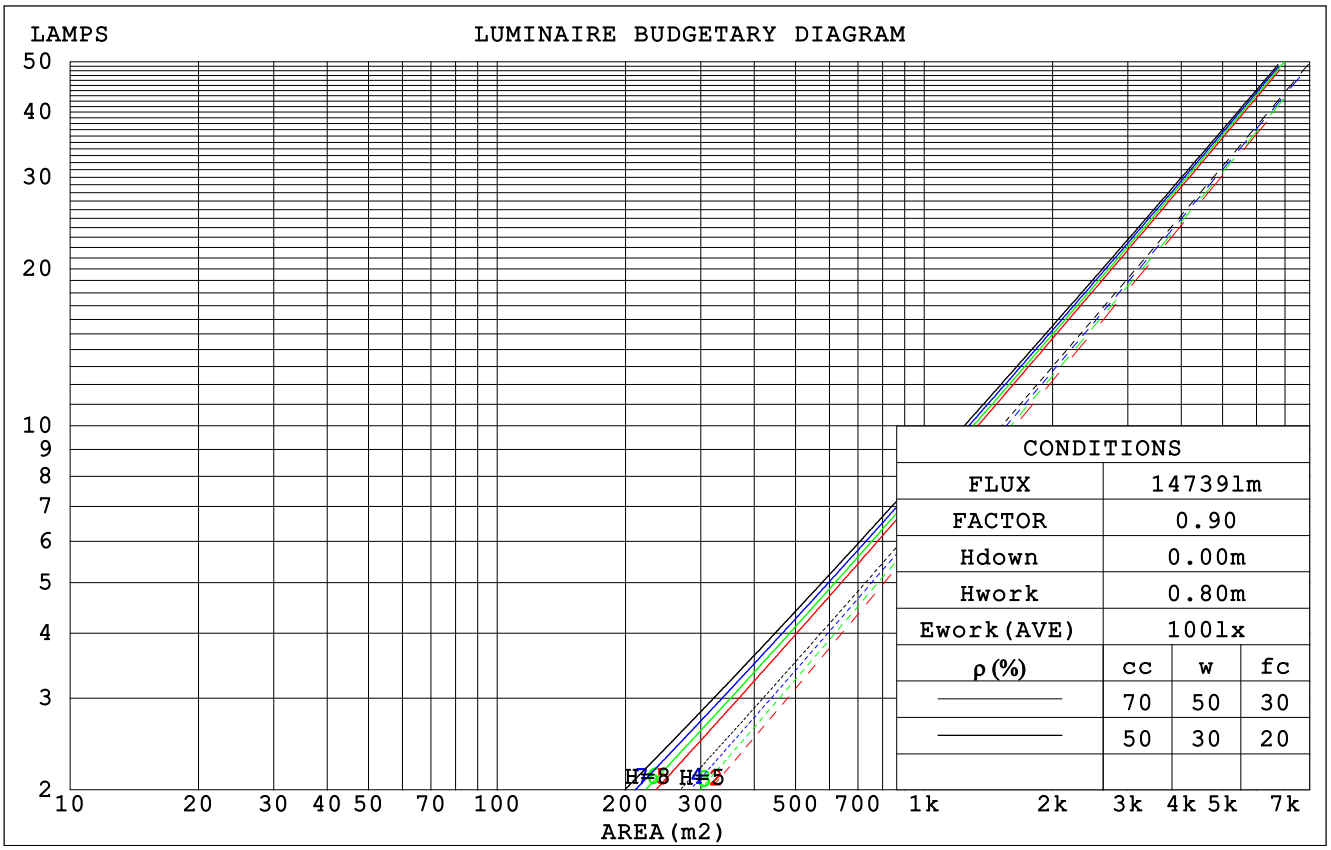

| LUMINANCE cd/(m2) | | |
|---|---|---|
| G(DEG) | C0/180 | C90/270 |
| 85 | 1337 | 7481 |
| 80 | 3059 | 7124 |
| 75 | 4224 | 7040 |
| 70 | 4651 | 7038 |
| 65 | 4827 | 8455 |
| 60 | 4959 | 9479 |
| 55 | 5100 | 10296 |
| 50 | 5563 | 11002 |
| 45 | 7461 | 10003 |

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-04-22

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:9.500m [K=1.0000]
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| 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 | | | Coefficients of Utilization(CU) | | | | | | | | | | | | |
| 0.0 | 1.19 | 1.19 | 1.19 | 1.16 | 1.16 | 1.16 | 1.11 | 1.11 | 1.11 | 1.06 | 1.06 | 1.06 | 1.02 | 1.02 | 1.02 | 1.00 |
| 1.0 | 1.11 | 1.08 | 1.06 | 1.08 | 1.06 | 1.04 | 1.04 | 1.02 | 1.01 | 1.01 | .99 | .98 | .97 | .96 | .95 | .93 |
| 2.0 | 1.03 | .99 | .95 | 1.01 | .97 | .94 | .98 | .95 | .92 | .95 | .92 | .90 | .92 | .90 | .88 | .87 |
| 3.0 | .96 | .91 | .87 | .95 | .90 | .86 | .92 | .88 | .85 | .90 | .86 | .84 | .87 | .85 | .82 | .81 |
| 4.0 | .90 | .84 | .80 | .89 | .84 | .80 | .87 | .82 | .79 | .85 | .81 | .78 | .83 | .80 | .77 | .75 |
| 5.0 | .84 | .79 | .74 | .83 | .78 | .74 | .82 | .77 | .73 | .80 | .76 | .73 | .78 | .75 | .72 | .71 |
| 6.0 | .80 | .74 | .69 | .79 | .73 | .69 | .77 | .72 | .69 | .76 | .72 | .68 | .75 | .71 | .68 | .66 |
| 7.0 | .75 | .69 | .65 | .74 | .69 | .65 | .73 | .68 | .65 | .72 | .68 | .64 | .71 | .67 | .64 | .62 |
| 8.0 | .71 | .65 | .61 | .70 | .65 | .61 | .69 | .64 | .61 | .68 | .64 | .61 | .67 | .63 | .60 | .59 |
| 9.0 | .67 | .62 | .58 | .67 | .61 | .58 | .66 | .61 | .57 | .65 | .61 | .57 | .64 | .60 | .57 | .56 |
| 10.0 | .64 | .58 | .55 | .64 | .58 | .55 | .63 | .58 | .54 | .62 | .57 | .54 | .61 | .57 | .54 | .53 |




C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-04-22

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:9.500m [K=1.0000]
Remarks:

## WEC AND CCEC

| 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 | .183 | .104 | .033 | .176 | .100 | .032 | .163 | .094 | .030 | .152 | .088 | .028 | .141 | .082 | .026 | |
| 2.0 | .173 | .095 | .029 | .168 | .092 | .028 | .157 | .087 | .027 | .147 | .083 | .026 | .138 | .078 | .025 | |
| 3.0 | .164 | .087 | .026 | .159 | .085 | .026 | .150 | .081 | .025 | .141 | .077 | .024 | .134 | .074 | .023 | |
| 4.0 | .155 | .080 | .024 | .151 | .079 | .023 | .143 | .076 | .023 | .136 | .073 | .022 | .129 | .070 | .021 | |
| 5.0 | .147 | .075 | .022 | .143 | .073 | .021 | .136 | .071 | .021 | .130 | .069 | .020 | .124 | .066 | .020 | |
| 6.0 | .139 | .070 | .020 | .136 | .069 | .020 | .130 | .067 | .019 | .125 | .065 | .019 | .120 | .063 | .019 | |
| 7.0 | .133 | .066 | .019 | .130 | .065 | .018 | .125 | .063 | .018 | .120 | .061 | .018 | .115 | .060 | .018 | |
| 8.0 | .127 | .062 | .017 | .124 | .061 | .017 | .120 | .060 | .017 | .115 | .058 | .017 | .111 | .057 | .017 | |
| 9.0 | .121 | .059 | .016 | .119 | .058 | .016 | .115 | .057 | .016 | .111 | .056 | .016 | .107 | .054 | .016 | |
| 10.0 | .116 | .056 | .015 | .114 | .055 | .015 | .110 | .054 | .015 | .107 | .053 | .015 | .103 | .052 | .015 | |

| 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 | .190 | .190 | .190 | .163 | .163 | .163 | .111 | .111 | .111 | .064 | .064 | .064 | .020 | .020 | .020 | |
| 1.0 | .172 | .157 | .144 | .147 | .135 | .124 | .100 | .093 | .086 | .058 | .054 | .050 | .019 | .017 | .016 | |
| 2.0 | .156 | .132 | .112 | .134 | .114 | .097 | .092 | .079 | .068 | .053 | .046 | .040 | .017 | .015 | .013 | |
| 3.0 | .144 | .114 | .089 | .123 | .098 | .077 | .085 | .068 | .054 | .049 | .040 | .032 | .016 | .013 | .010 | |
| 4.0 | .134 | .099 | .072 | .115 | .085 | .063 | .079 | .060 | .044 | .046 | .035 | .026 | .015 | .011 | .009 | |
| 5.0 | .125 | .087 | .060 | .107 | .075 | .052 | .074 | .053 | .037 | .043 | .031 | .022 | .014 | .010 | .007 | |
| 6.0 | .117 | .078 | .050 | .101 | .067 | .043 | .069 | .047 | .031 | .040 | .028 | .018 | .013 | .009 | .006 | |
| 7.0 | .110 | .070 | .042 | .095 | .061 | .037 | .066 | .043 | .026 | .038 | .025 | .016 | .012 | .008 | .005 | |
| 8.0 | .105 | .064 | .036 | .090 | .056 | .032 | .062 | .039 | .022 | .036 | .023 | .013 | .012 | .008 | .004 | |
| 9.0 | .099 | .059 | .031 | .086 | .051 | .027 | .059 | .036 | .019 | .035 | .021 | .012 | .011 | .007 | .004 | |
| 10.0 | .095 | .054 | .028 | .082 | .047 | .024 | .057 | .033 | .017 | .033 | .020 | .010 | .011 | .006 | .003 | |

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-04-22

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:9.500m [K=1.0000]
Remarks:

## UGR(Unified Glare Rating) Table

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | 23.2 | 24.1 | 23.4 | 24.3 | 24.5 | 13.1 | 14.1 | 13.3 | 14.2 | 14.4 |
| | 3H | 23.1 | 23.9 | 23.3 | 24.1 | 24.3 | 14.6 | 15.5 | 14.9 | 15.7 | 15.9 |
| | 4H | 23.0 | 23.8 | 23.3 | 24.1 | 24.3 | 15.3 | 16.2 | 15.6 | 16.4 | 16.6 |
| | 6H | 23.0 | 23.7 | 23.2 | 24.0 | 24.2 | 16.0 | 16.8 | 16.3 | 17.0 | 17.3 |
| | 8H | 22.9 | 23.7 | 23.2 | 23.9 | 24.2 | 16.3 | 17.0 | 16.6 | 17.3 | 17.5 |
| | 12H | 22.9 | 23.6 | 23.2 | 23.9 | 24.1 | 16.5 | 17.2 | 16.8 | 17.5 | 17.7 |
| 4H | 2H | 23.0 | 23.8 | 23.2 | 24.0 | 24.2 | 13.4 | 14.3 | 13.7 | 14.5 | 14.7 |
| | 3H | 22.9 | 23.6 | 23.2 | 23.9 | 24.2 | 15.1 | 15.8 | 15.4 | 16.1 | 16.4 |
| | 4H | 22.9 | 23.5 | 23.2 | 23.8 | 24.1 | 15.9 | 16.6 | 16.3 | 16.9 | 17.2 |
| | 6H | 22.8 | 23.4 | 23.2 | 23.7 | 24.0 | 16.7 | 17.3 | 17.1 | 17.6 | 17.9 |
| | 8H | 22.8 | 23.3 | 23.2 | 23.6 | 24.0 | 17.0 | 17.6 | 17.4 | 17.9 | 18.3 |
| | 12H | 22.7 | 23.2 | 23.1 | 23.6 | 24.0 | 17.3 | 17.8 | 17.7 | 18.2 | 18.6 |
| 8H | 4H | 22.7 | 23.3 | 23.1 | 23.6 | 24.0 | 16.1 | 16.6 | 16.5 | 16.9 | 17.3 |
| | 6H | 22.7 | 23.2 | 23.1 | 23.5 | 24.0 | 17.0 | 17.4 | 17.4 | 17.8 | 18.2 |
| | 8H | 22.7 | 23.1 | 23.1 | 23.5 | 23.9 | 17.4 | 17.8 | 17.8 | 18.2 | 18.6 |
| | 12H | 22.7 | 23.0 | 23.1 | 23.4 | 23.9 | 17.8 | 18.1 | 18.3 | 18.6 | 19.0 |
| 12H | 4H | 22.7 | 23.2 | 23.1 | 23.6 | 24.0 | 16.1 | 16.5 | 16.5 | 16.9 | 17.3 |
| | 6H | 22.7 | 23.1 | 23.1 | 23.5 | 23.9 | 17.0 | 17.4 | 17.4 | 17.8 | 18.2 |
| | 8H | 22.7 | 23.0 | 23.1 | 23.4 | 23.9 | 17.5 | 17.8 | 17.9 | 18.2 | 18.7 |
| Variations with the observer position at spacings: | | | | | | | | | | | |
| S = 1.0H | | + 5.3 / - 6.8 | | | | | + 0.2 / - 0.2 | | | | |
| 1.5H | | + 8.1 / - 6.7 | | | | | + 0.7 / - 0.4 | | | | |
| 2.0H | | + 0.7 / - 0.3 | | | | | + 1.3 / - 0.8 | | | | |

CIE Pub.117 Corrected 14739 lm Total Lamp Luminous Flux.(8log(F/F0) = 9.3)

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-04-22

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:9.500m [K=1.0000]
Remarks:

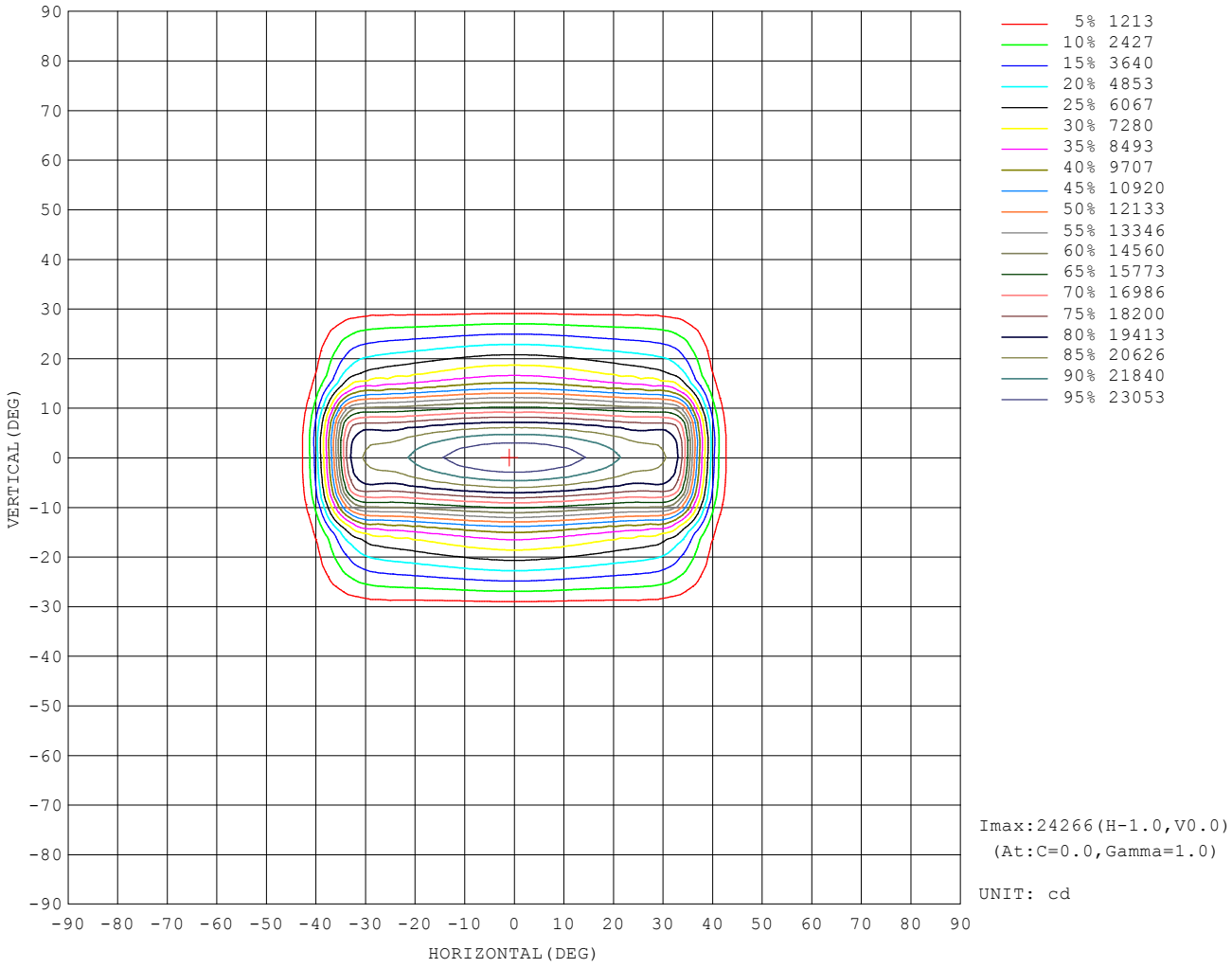
# UTILIZATION FACTORS TABLE

| 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 | 87 | 80 | 76 | 86 | 80 | 76 | 85 | 79 | 76 | 72 |
| 0.80 | 94 | 88 | 84 | 93 | 88 | 84 | 92 | 87 | 84 | 80 |
| 1.00 | 98 | 93 | 89 | 97 | 92 | 89 | 96 | 92 | 88 | 84 |
| 1.25 | 102 | 97 | 93 | 101 | 96 | 93 | 99 | 95 | 92 | 88 |
| 1.50 | 105 | 100 | 97 | 104 | 99 | 96 | 102 | 98 | 95 | 91 |
| 2.00 | 108 | 104 | 100 | 106 | 102 | 99 | 104 | 101 | 98 | 93 |
| 2.50 | 110 | 106 | 103 | 108 | 104 | 102 | 105 | 102 | 100 | 94 |
| 3.00 | 111 | 108 | 105 | 109 | 106 | 104 | 106 | 104 | 102 | 95 |
| 4.00 | 113 | 111 | 108 | 111 | 109 | 107 | 108 | 106 | 104 | 97 |
| 5.00 | 115 | 112 | 110 | 113 | 111 | 109 | 109 | 107 | 106 | 98 |
| ROOM INDEX | UF(total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | | Suspended | | | | | SHRNOM = 1.25 | |

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-04-22

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:9.500m [K=1.0000]
Remarks:

## ISOCANDELA DIAGRAM




C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
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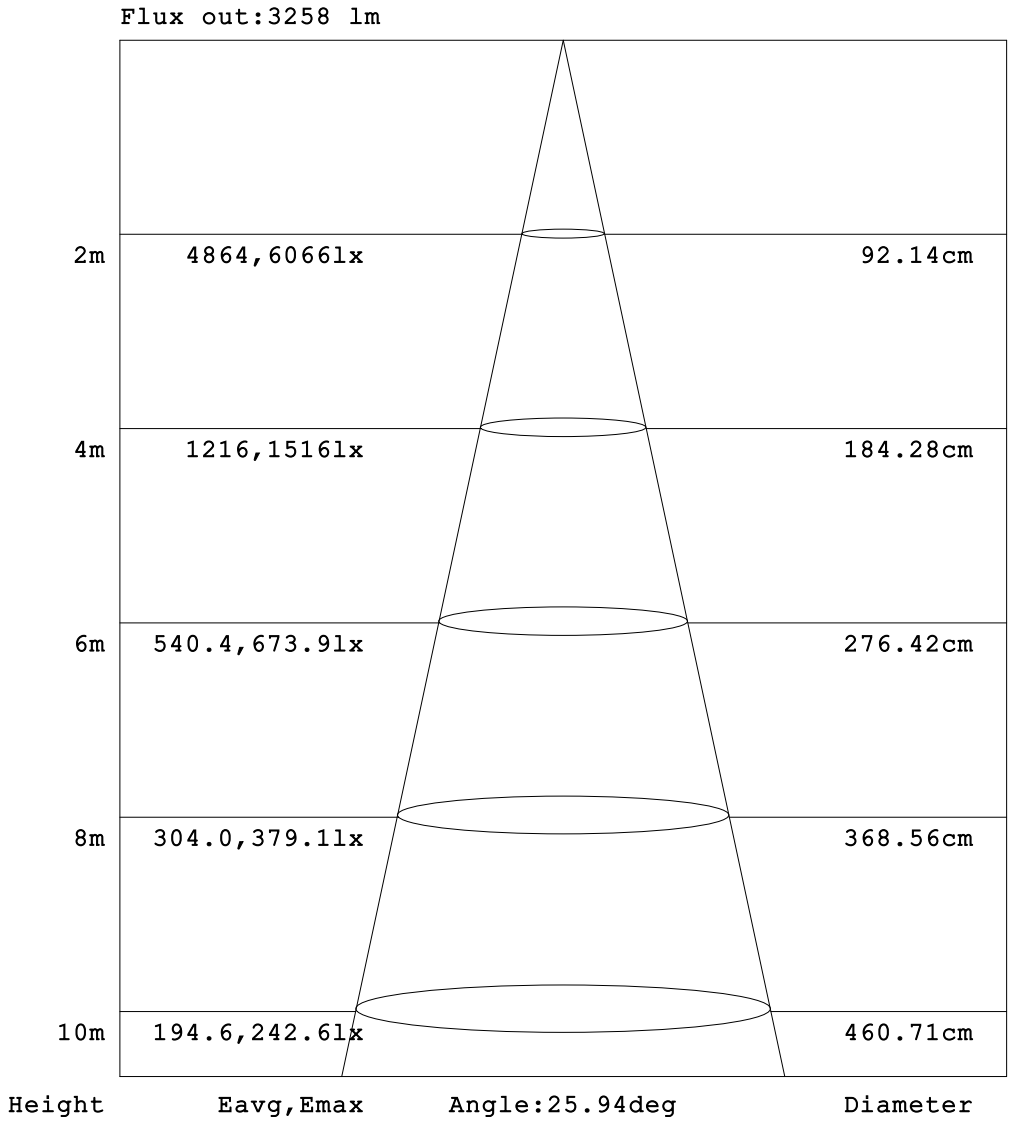
γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:9.500m [K=1.0000]
Remarks:

## AAI Figure

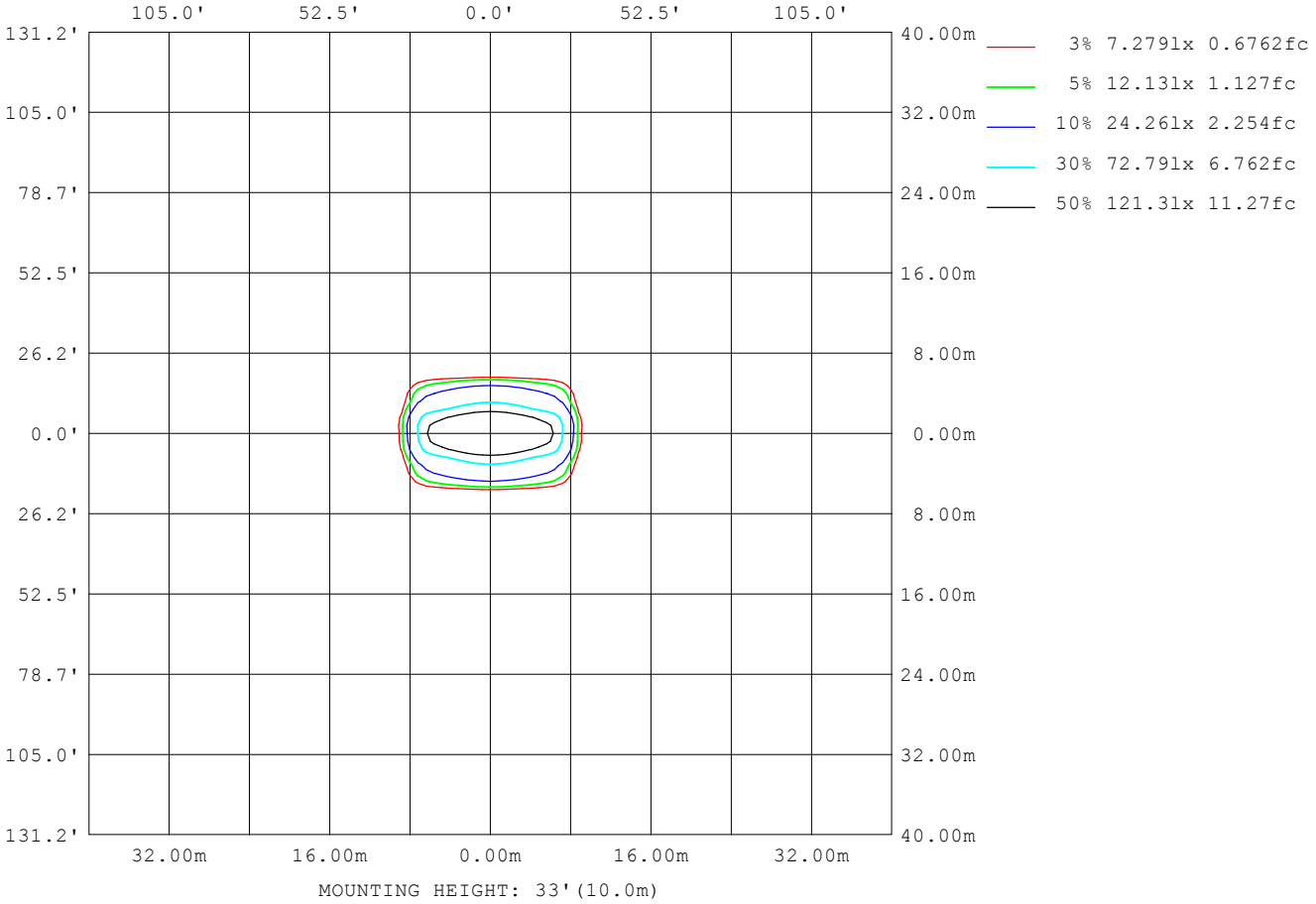



**Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.**

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-04-22

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:9.500m [K=1.0000]
Remarks:

## ISOLUX DIAGRAM




C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-04-22

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:9.500m [K=1.0000]
Remarks:

## LED Avg.L Report

| Test:U:230.0V I:0.5318A P:118.7W PF:0.9706 Lamp Flux:14738.7x1 lm | | |
|---|---|---|
| NAME: LHB01-120 | TYPE:120W | WEIGHT: |
| SPEC.:4000K Ra80 3070DEG L02801 | DIM.: 0.948*0.137*0.102 | SERIAL No.: |
| MFR.: | SUR.:0.92*0.1 | Shielding Angle: |

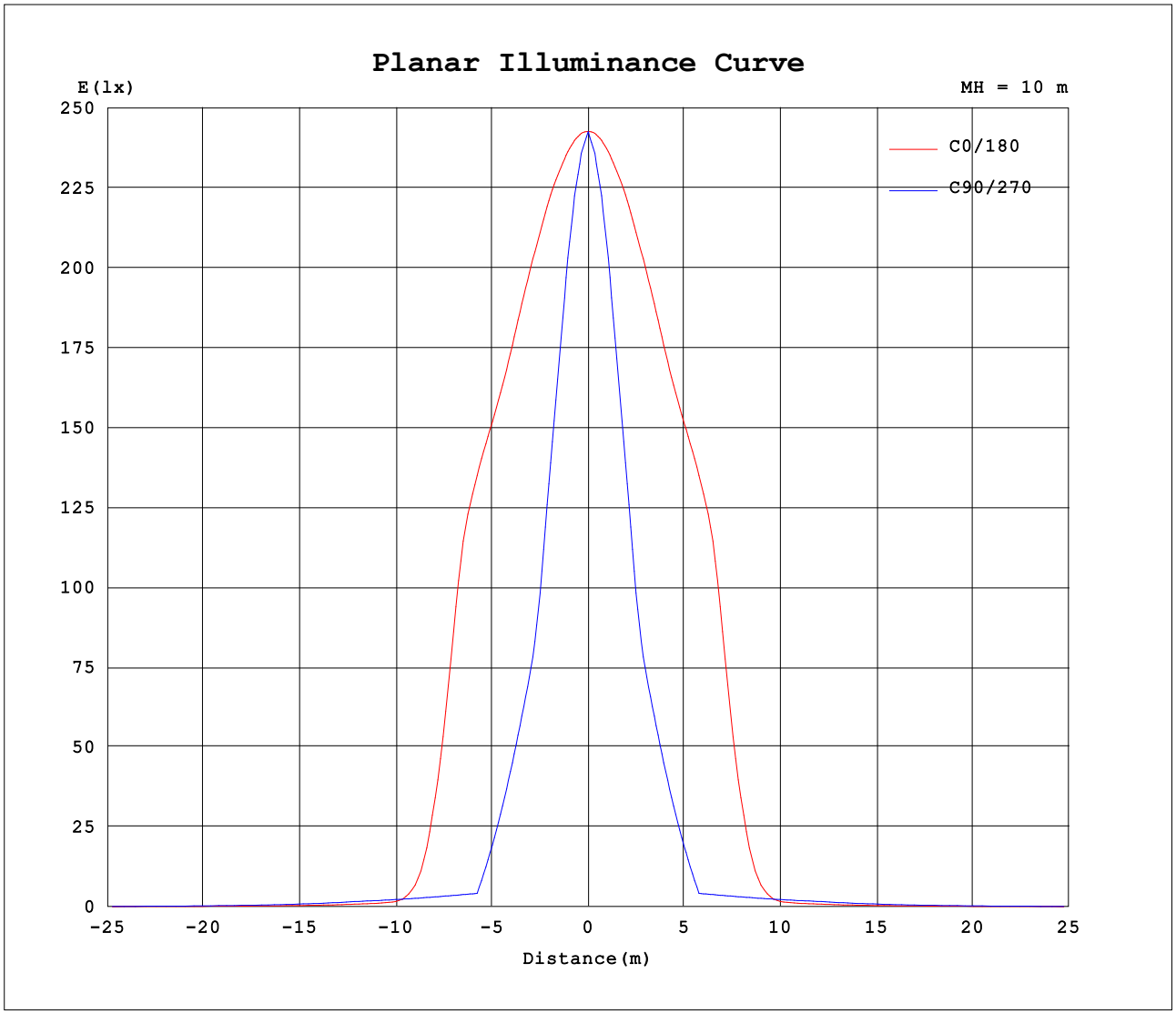
| AvgL | cd/m2 |
|---|---|
| L_0~180(65)av | 4827 |
| L_0~180(75)av | 4224 |
| L_0~180(85)av | 1337 |
| L_90~270(65)av | 8455 |
| L_90~270(75)av | 7040 |
| L_90~270(85)av | 7481 |
| L_45(65)av | 5175 |
| L_45(75)av | 4408 |
| L_45(85)av | 4762 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-04-22

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:9.500m [K=1.0000]
Remarks:

## Planar Illuminance Curve




C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-04-22

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:9.500m [K=1.0000]
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Table--1 UNIT: ×10cd

| C(DEG) / γ (DEG) | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 |
| 5 | 2410 | 2396 | 2383 | 2369 | 2357 | 2341 | 2320 | 2299 | 2280 | 2262 | 2246 | 2228 | 2209 | 2193 | 2179 | 2168 | 2160 | 2155 | 2154 |
| 10 | 2367 | 2340 | 2313 | 2272 | 2226 | 2174 | 2111 | 2052 | 1982 | 1912 | 1848 | 1790 | 1738 | 1694 | 1658 | 1630 | 1611 | 1598 | 1594 |
| 15 | 2297 | 2259 | 2207 | 2141 | 2046 | 1940 | 1814 | 1689 | 1571 | 1457 | 1353 | 1258 | 1172 | 1098 | 1045 | 1016 | 995 | 983 | 978 |
| 20 | 2213 | 2169 | 2093 | 1985 | 1830 | 1649 | 1463 | 1276 | 1096 | 950 | 852 | 790 | 753 | 721 | 694 | 672 | 659 | 651 | 648 |
| 25 | 2131 | 2080 | 1982 | 1813 | 1575 | 1311 | 1045 | 842 | 723 | 656 | 595 | 540 | 491 | 451 | 417 | 390 | 371 | 361 | 356 |
| 30 | 2079 | 2036 | 1928 | 1651 | 1297 | 927 | 699 | 607 | 519 | 438 | 365 | 299 | 239 | 187 | 144 | 110 | 85.3 | 70.3 | 65.1 |
| 35 | 1567 | 1532 | 1449 | 1192 | 822 | 588 | 513 | 420 | 324 | 232 | 146 | 66.1 | 56.2 | 55.2 | 55.5 | 58.0 | 61.6 | 64.3 | 65.1 |
| 40 | 411 | 413 | 424 | 369 | 269 | 287 | 272 | 214 | 126 | 57.8 | 56.5 | 53.3 | 50.8 | 49.7 | 50.0 | 53.1 | 58.7 | 63.5 | 65.1 |
| 45 | 48.5 | 50.2 | 49.1 | 44.9 | 54.4 | 77.8 | 82.5 | 42.2 | 42.5 | 46.5 | 48.2 | 47.1 | 44.9 | 43.8 | 44.1 | 47.6 | 55.1 | 62.5 | 65.1 |
| 50 | 32.9 | 32.4 | 31.6 | 30.8 | 30.4 | 30.3 | 29.8 | 30.7 | 33.0 | 36.2 | 38.7 | 39.2 | 38.1 | 37.6 | 38.1 | 41.7 | 51.0 | 61.4 | 65.1 |
| 55 | 26.9 | 26.5 | 25.8 | 25.2 | 24.9 | 25.0 | 26.2 | 27.1 | 27.8 | 29.3 | 30.5 | 30.8 | 30.9 | 31.5 | 32.5 | 35.0 | 42.5 | 51.1 | 54.3 |
| 60 | 22.8 | 22.3 | 21.4 | 20.8 | 20.8 | 22.8 | 23.8 | 24.7 | 25.0 | 25.1 | 24.9 | 25.2 | 25.7 | 26.3 | 27.2 | 28.8 | 34.3 | 40.9 | 43.6 |
| 65 | 18.8 | 18.2 | 17.2 | 16.7 | 18.5 | 21.3 | 23.2 | 22.5 | 21.2 | 20.1 | 19.9 | 20.2 | 20.7 | 21.2 | 22.0 | 23.2 | 26.7 | 30.9 | 32.9 |
| 70 | 14.6 | 14.0 | 13.0 | 12.9 | 14.5 | 19.1 | 19.8 | 17.9 | 16.3 | 15.3 | 15.0 | 15.3 | 15.7 | 16.2 | 17.0 | 17.8 | 19.7 | 21.2 | 22.1 |
| 75 | 10.1 | 9.39 | 8.75 | 8.76 | 10.2 | 12.2 | 13.8 | 12.7 | 11.2 | 10.4 | 10.3 | 10.9 | 11.4 | 12.0 | 12.7 | 13.4 | 14.7 | 16.0 | 16.8 |
| 80 | 4.89 | 4.72 | 4.93 | 5.20 | 5.80 | 7.08 | 8.22 | 7.86 | 7.21 | 7.01 | 7.03 | 7.34 | 7.75 | 8.12 | 8.60 | 9.09 | 9.98 | 10.8 | 11.4 |
| 85 | 1.07 | 1.72 | 2.15 | 2.44 | 2.84 | 3.50 | 4.26 | 4.25 | 3.90 | 3.78 | 3.78 | 3.93 | 4.16 | 4.35 | 4.59 | 4.85 | 5.28 | 5.72 | 6.00 |
| 90 | 0.11 | 0.59 | 0.62 | 0.62 | 0.61 | 0.59 | 0.57 | 0.56 | 0.56 | 0.56 | 0.57 | 0.58 | 0.59 | 0.60 | 0.61 | 0.62 | 0.62 | 0.62 | 0.62 |

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-04-22

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:9.500m [K=1.0000]
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Table--2 UNIT: ×10cd

| C(DEG) / γ (DEG) | 95 | 100 | 105 | 110 | 115 | 120 | 125 | 130 | 135 | 140 | 145 | 150 | 155 | 160 | 165 | 170 | 175 | 180 | 185 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 |
| 5 | 2155 | 2160 | 2168 | 2179 | 2193 | 2209 | 2228 | 2246 | 2262 | 2280 | 2299 | 2320 | 2341 | 2357 | 2369 | 2383 | 2396 | 2410 | 2397 |
| 10 | 1598 | 1611 | 1630 | 1658 | 1694 | 1738 | 1790 | 1848 | 1912 | 1982 | 2052 | 2111 | 2174 | 2226 | 2272 | 2313 | 2340 | 2367 | 2342 |
| 15 | 983 | 995 | 1016 | 1045 | 1098 | 1172 | 1258 | 1353 | 1457 | 1571 | 1689 | 1814 | 1940 | 2046 | 2141 | 2207 | 2259 | 2297 | 2265 |
| 20 | 651 | 659 | 672 | 694 | 721 | 753 | 790 | 852 | 950 | 1096 | 1276 | 1463 | 1649 | 1830 | 1985 | 2093 | 2169 | 2213 | 2178 |
| 25 | 361 | 371 | 390 | 417 | 451 | 491 | 540 | 595 | 656 | 723 | 842 | 1045 | 1311 | 1575 | 1813 | 1982 | 2080 | 2131 | 2093 |
| 30 | 70.3 | 85.3 | 110 | 144 | 187 | 239 | 299 | 365 | 438 | 519 | 607 | 699 | 927 | 1297 | 1651 | 1928 | 2036 | 2079 | 2047 |
| 35 | 64.3 | 61.6 | 58.0 | 55.5 | 55.2 | 56.2 | 66.1 | 146 | 232 | 324 | 420 | 513 | 588 | 822 | 1192 | 1449 | 1532 | 1567 | 1614 |
| 40 | 63.5 | 58.7 | 53.1 | 50.0 | 49.7 | 50.8 | 53.3 | 56.5 | 57.8 | 126 | 214 | 272 | 287 | 269 | 369 | 424 | 413 | 411 | 461 |
| 45 | 62.5 | 55.1 | 47.6 | 44.1 | 43.8 | 44.9 | 47.1 | 48.2 | 46.5 | 42.5 | 42.2 | 82.5 | 77.8 | 54.4 | 44.9 | 49.1 | 50.2 | 48.5 | 49.7 |
| 50 | 61.4 | 51.0 | 41.7 | 38.1 | 37.6 | 38.1 | 39.2 | 38.7 | 36.2 | 33.0 | 30.7 | 29.8 | 30.3 | 30.4 | 30.8 | 31.6 | 32.4 | 32.9 | 32.5 |
| 55 | 51.1 | 42.5 | 35.0 | 32.5 | 31.5 | 30.9 | 30.8 | 30.5 | 29.3 | 27.8 | 27.1 | 26.2 | 25.0 | 24.9 | 25.2 | 25.8 | 26.5 | 26.9 | 26.5 |
| 60 | 40.9 | 34.3 | 28.8 | 27.2 | 26.3 | 25.7 | 25.2 | 24.9 | 25.1 | 25.0 | 24.7 | 23.8 | 22.8 | 20.8 | 20.8 | 21.4 | 22.3 | 22.8 | 22.3 |
| 65 | 30.9 | 26.7 | 23.2 | 22.0 | 21.2 | 20.7 | 20.2 | 19.9 | 20.1 | 21.2 | 22.5 | 23.2 | 21.3 | 18.5 | 16.7 | 17.2 | 18.2 | 18.8 | 18.2 |
| 70 | 21.2 | 19.7 | 17.8 | 17.0 | 16.2 | 15.7 | 15.3 | 15.0 | 15.3 | 16.3 | 17.9 | 19.8 | 19.1 | 14.5 | 12.9 | 13.0 | 14.0 | 14.6 | 13.9 |
| 75 | 16.0 | 14.7 | 13.4 | 12.7 | 12.0 | 11.4 | 10.9 | 10.3 | 10.4 | 11.2 | 12.7 | 13.8 | 12.2 | 10.2 | 8.76 | 8.75 | 9.39 | 10.1 | 9.35 |
| 80 | 10.8 | 9.98 | 9.09 | 8.60 | 8.12 | 7.75 | 7.34 | 7.03 | 7.01 | 7.21 | 7.86 | 8.22 | 7.08 | 5.80 | 5.20 | 4.93 | 4.72 | 4.89 | 4.75 |
| 85 | 5.72 | 5.28 | 4.85 | 4.59 | 4.35 | 4.16 | 3.93 | 3.78 | 3.78 | 3.90 | 4.25 | 4.26 | 3.50 | 2.84 | 2.44 | 2.15 | 1.72 | 1.07 | 1.75 |
| 90 | 0.62 | 0.62 | 0.62 | 0.61 | 0.60 | 0.59 | 0.58 | 0.57 | 0.56 | 0.56 | 0.56 | 0.57 | 0.59 | 0.61 | 0.62 | 0.62 | 0.59 | 0.11 | 0.57 |

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-04-22

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:9.500m [K=1.0000]
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Table--3 UNIT: ×10cd

| C(DEG) / γ (DEG) | 190 | 195 | 200 | 205 | 210 | 215 | 220 | 225 | 230 | 235 | 240 | 245 | 250 | 255 | 260 | 265 | 270 | 275 | 280 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 |
| 5 | 2384 | 2372 | 2360 | 2345 | 2324 | 2303 | 2284 | 2266 | 2250 | 2232 | 2213 | 2196 | 2181 | 2170 | 2161 | 2156 | 2154 | 2156 | 2161 |
| 10 | 2319 | 2280 | 2235 | 2186 | 2124 | 2066 | 1996 | 1926 | 1862 | 1803 | 1751 | 1705 | 1666 | 1635 | 1612 | 1598 | 1594 | 1598 | 1612 |
| 15 | 2219 | 2157 | 2065 | 1960 | 1836 | 1713 | 1594 | 1477 | 1369 | 1269 | 1182 | 1109 | 1054 | 1021 | 996 | 982 | 978 | 982 | 996 |
| 20 | 2110 | 2008 | 1856 | 1675 | 1487 | 1297 | 1112 | 961 | 862 | 800 | 760 | 726 | 699 | 678 | 661 | 651 | 648 | 651 | 661 |
| 25 | 2003 | 1840 | 1604 | 1340 | 1068 | 856 | 732 | 664 | 602 | 546 | 497 | 455 | 420 | 393 | 373 | 360 | 356 | 360 | 373 |
| 30 | 1942 | 1668 | 1315 | 943 | 709 | 615 | 527 | 445 | 370 | 302 | 241 | 189 | 145 | 110 | 85.3 | 70.1 | 65.1 | 70.1 | 85.3 |
| 35 | 1573 | 1299 | 884 | 623 | 526 | 425 | 329 | 235 | 147 | 66.5 | 56.3 | 55.3 | 55.8 | 58.2 | 61.5 | 63.9 | 65.1 | 63.9 | 61.5 |
| 40 | 470 | 412 | 301 | 321 | 301 | 229 | 130 | 59.6 | 57.1 | 53.6 | 51.1 | 49.9 | 50.5 | 53.7 | 58.8 | 63.0 | 65.1 | 63.0 | 58.8 |
| 45 | 50.6 | 50.3 | 60.8 | 81.9 | 89.2 | 44.2 | 44.6 | 48.5 | 49.5 | 47.5 | 45.2 | 44.1 | 44.7 | 48.5 | 55.5 | 61.8 | 65.1 | 61.8 | 55.5 |
| 50 | 31.8 | 31.0 | 30.6 | 30.7 | 29.9 | 31.1 | 33.8 | 37.4 | 39.7 | 39.7 | 38.4 | 37.9 | 38.7 | 42.9 | 51.8 | 60.5 | 65.1 | 60.5 | 51.8 |
| 55 | 25.9 | 25.3 | 25.0 | 25.0 | 26.3 | 27.2 | 28.0 | 29.7 | 30.9 | 31.0 | 31.1 | 31.8 | 32.9 | 35.9 | 43.3 | 50.8 | 54.3 | 50.8 | 43.3 |
| 60 | 21.5 | 20.8 | 20.9 | 22.4 | 23.4 | 24.6 | 25.0 | 25.1 | 25.0 | 25.4 | 25.9 | 26.5 | 27.4 | 29.4 | 35.1 | 41.0 | 43.6 | 41.0 | 35.1 |
| 65 | 17.2 | 16.7 | 18.1 | 21.1 | 22.0 | 22.0 | 21.2 | 20.1 | 19.9 | 20.2 | 20.8 | 21.4 | 22.2 | 23.5 | 27.3 | 31.5 | 32.9 | 31.5 | 27.3 |
| 70 | 13.0 | 12.9 | 14.2 | 18.0 | 19.4 | 17.0 | 16.2 | 15.4 | 15.0 | 15.3 | 15.8 | 16.4 | 17.0 | 17.9 | 20.0 | 22.2 | 22.1 | 22.2 | 20.0 |
| 75 | 8.79 | 8.75 | 10.0 | 11.7 | 13.4 | 12.3 | 11.2 | 10.5 | 10.4 | 10.8 | 11.5 | 12.1 | 12.7 | 13.4 | 14.9 | 16.7 | 16.8 | 16.7 | 14.9 |
| 80 | 4.93 | 5.17 | 5.71 | 7.14 | 8.01 | 7.81 | 7.32 | 7.12 | 7.06 | 7.34 | 7.81 | 8.19 | 8.63 | 9.13 | 10.1 | 11.4 | 11.4 | 11.4 | 10.1 |
| 85 | 2.09 | 2.36 | 2.77 | 3.53 | 4.18 | 4.23 | 3.95 | 3.86 | 3.82 | 3.94 | 4.19 | 4.39 | 4.61 | 4.86 | 5.34 | 5.98 | 6.00 | 5.98 | 5.34 |
| 90 | 0.59 | 0.59 | 0.58 | 0.60 | 0.59 | 0.58 | 0.58 | 0.59 | 0.61 | 0.60 | 0.61 | 0.61 | 0.62 | 0.62 | 0.62 | 0.61 | 0.62 | 0.61 | 0.62 |

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-04-22

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:9.500m [K=1.0000]
Remarks:

# LUMINOUS DISTRIBUTION INTENSITY DATA

Table--4 UNIT: ×10cd

| C(DEG) / γ (DEG) | 285 | 290 | 295 | 300 | 305 | 310 | 315 | 320 | 325 | 330 | 335 | 340 | 345 | 350 | 355 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 | 2426 | | | | |
| 5 | 2170 | 2181 | 2196 | 2213 | 2232 | 2250 | 2266 | 2284 | 2303 | 2324 | 2345 | 2360 | 2372 | 2384 | 2397 | | | | |
| 10 | 1635 | 1666 | 1705 | 1751 | 1803 | 1862 | 1926 | 1996 | 2066 | 2124 | 2186 | 2235 | 2280 | 2319 | 2342 | | | | |
| 15 | 1021 | 1054 | 1109 | 1182 | 1269 | 1369 | 1477 | 1594 | 1713 | 1836 | 1960 | 2065 | 2157 | 2219 | 2265 | | | | |
| 20 | 678 | 699 | 726 | 760 | 800 | 862 | 961 | 1112 | 1297 | 1487 | 1675 | 1856 | 2008 | 2110 | 2178 | | | | |
| 25 | 393 | 420 | 455 | 497 | 546 | 602 | 664 | 732 | 856 | 1068 | 1340 | 1604 | 1840 | 2003 | 2093 | | | | |
| 30 | 110 | 145 | 189 | 241 | 302 | 370 | 445 | 527 | 615 | 709 | 943 | 1315 | 1668 | 1942 | 2047 | | | | |
| 35 | 58.2 | 55.8 | 55.3 | 56.3 | 66.5 | 147 | 235 | 329 | 425 | 526 | 623 | 884 | 1299 | 1573 | 1614 | | | | |
| 40 | 53.7 | 50.5 | 49.9 | 51.1 | 53.6 | 57.1 | 59.6 | 130 | 229 | 301 | 321 | 301 | 412 | 470 | 461 | | | | |
| 45 | 48.5 | 44.7 | 44.1 | 45.2 | 47.5 | 49.5 | 48.5 | 44.6 | 44.2 | 89.2 | 81.9 | 60.8 | 50.3 | 50.6 | 49.7 | | | | |
| 50 | 42.9 | 38.7 | 37.9 | 38.4 | 39.7 | 39.7 | 37.4 | 33.8 | 31.1 | 29.9 | 30.7 | 30.6 | 31.0 | 31.8 | 32.5 | | | | |
| 55 | 35.9 | 32.9 | 31.8 | 31.1 | 31.0 | 30.9 | 29.7 | 28.0 | 27.2 | 26.3 | 25.0 | 25.0 | 25.3 | 25.9 | 26.5 | | | | |
| 60 | 29.4 | 27.4 | 26.5 | 25.9 | 25.4 | 25.0 | 25.1 | 25.0 | 24.6 | 23.4 | 22.4 | 20.9 | 20.8 | 21.5 | 22.3 | | | | |
| 65 | 23.5 | 22.2 | 21.4 | 20.8 | 20.2 | 19.9 | 20.1 | 21.2 | 22.0 | 22.0 | 21.1 | 18.1 | 16.7 | 17.2 | 18.2 | | | | |
| 70 | 17.9 | 17.0 | 16.4 | 15.8 | 15.3 | 15.0 | 15.4 | 16.2 | 17.0 | 19.4 | 18.0 | 14.2 | 12.9 | 13.0 | 13.9 | | | | |
| 75 | 13.4 | 12.7 | 12.1 | 11.5 | 10.8 | 10.4 | 10.5 | 11.2 | 12.3 | 13.4 | 11.7 | 10.0 | 8.75 | 8.79 | 9.35 | | | | |
| 80 | 9.13 | 8.63 | 8.19 | 7.81 | 7.34 | 7.06 | 7.12 | 7.32 | 7.81 | 8.01 | 7.14 | 5.71 | 5.17 | 4.93 | 4.75 | | | | |
| 85 | 4.86 | 4.61 | 4.39 | 4.19 | 3.94 | 3.82 | 3.86 | 3.95 | 4.23 | 4.18 | 3.53 | 2.77 | 2.36 | 2.09 | 1.75 | | | | |
| 90 | 0.62 | 0.62 | 0.61 | 0.61 | 0.60 | 0.61 | 0.59 | 0.58 | 0.58 | 0.59 | 0.60 | 0.58 | 0.59 | 0.59 | 0.57 | | | | |

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-04-22

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:9.500m [K=1.0000]
Remarks: