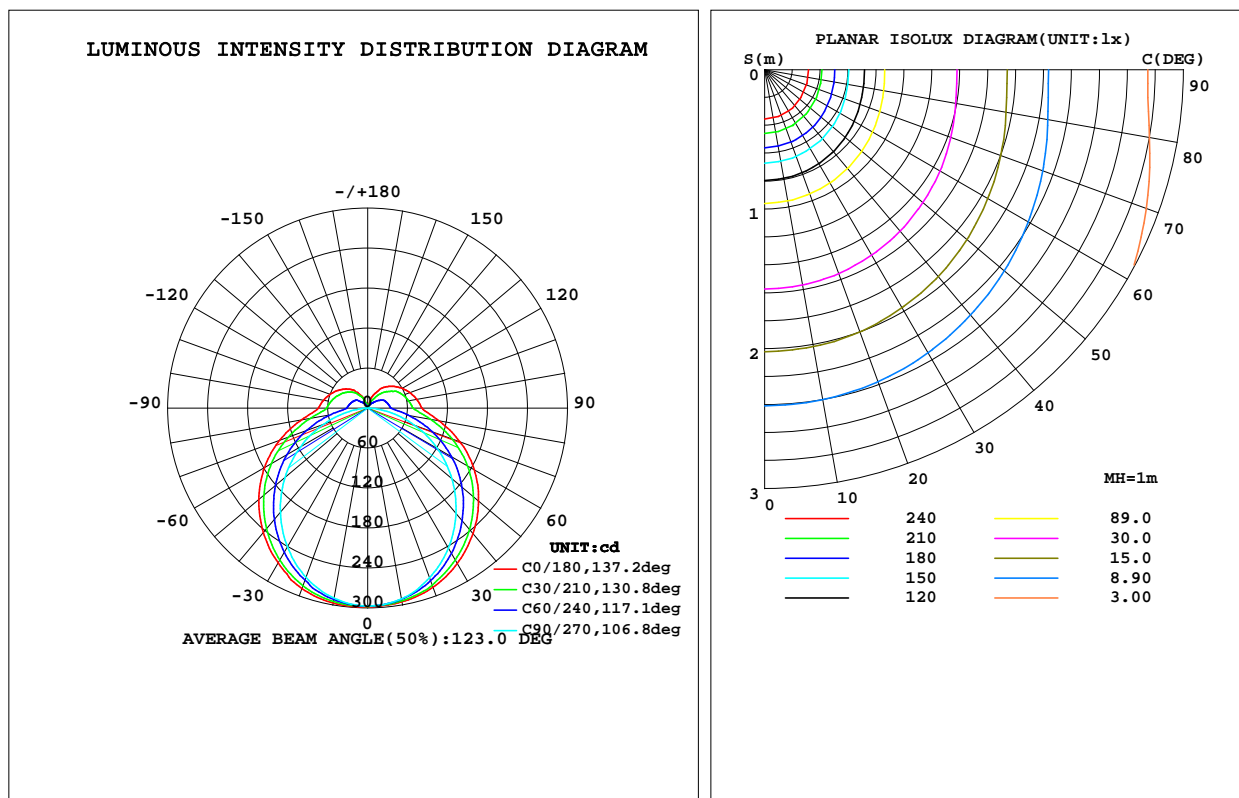


## LUMINAIRE PHOTOMETRIC TEST REPORT

|   |          |                   |
|---|----------|-------------------|
| Test:U:120.2V I:0.0892A P:10.49W PF:0.9787 Lamp Flux:6709.54x1 lm |          |                   |
| NAME: TB2-10W-40S   | TYPE:LED | WEIGHT:           |
| SPEC.:  | DIM.:    | SERIAL No.:1      |
| MFR.: EVERFINE  | SUR.:    | PROTECTION ANGLE: |

| DATA OF LAMP     |             | PHOTOMETRIC DATA Eff: 111.99 lm/W |         |                   |         |
|------------------|-------------|-----------------------------------|---------|-------------------|---------|
| MODEL            | TB2-10W-40S | I <sub>max</sub> (cd)             | 298.5   | S/MH(C0/180)      | 1.34    |
| NOMINAL POWER(W) | 10          | LOR(%)                            | 17.5    | S/MH(C90/270)     | 1.21    |
| RATED VOLTAGE(V) | 120         | TOTAL FLUX(lm)                    | 1174.5  | η UP,DN(C0-180)   | 1.4,7.4 |
| NOMINAL FLUX(lm) | 6709.54     | CIE CLASS                         | SEMI-D. | η UP,DN(C180-360) | 1.3,7.3 |
| LAMPS INSIDE     | 1           | η up(%)                           | 2.7     | CIBSE SHR NOM     | 1.50    |
| TEST VOLTAGE(V)  | 120         | η down(%)                         | 14.8    | CIBSE SHR MAX     | 1.50    |



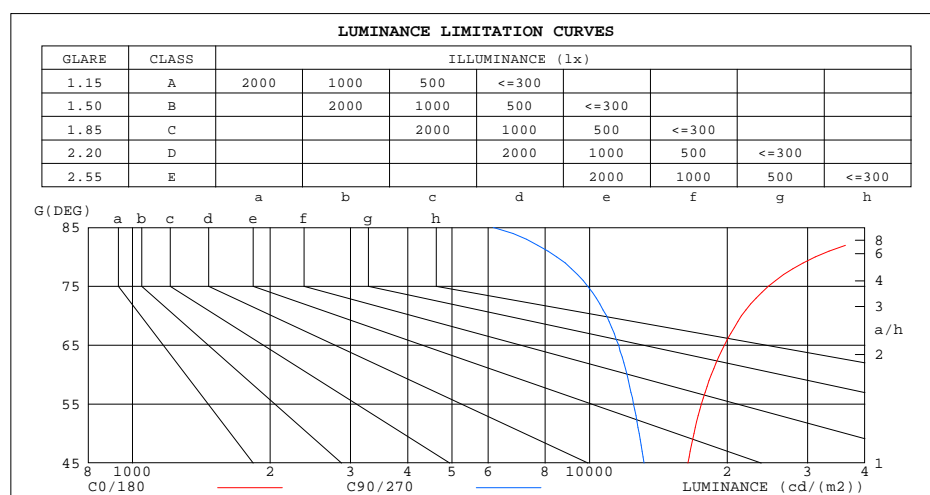
C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2018-07-16

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
Humidity:65.0%  
Test Distance:8.370m [K=1.0000]  
Remarks:

### ZONAL FLUX DIAGRAM AND LUMINANCE LIMITATION CURVES

#### ZONAL FLUX DIAGRAM:

| $\gamma$ | C0                    | C45   | C90    | C135  | C180  | C225  | C270   | C315  | $\gamma$ | $\Phi$ zone | $\Phi$ total | $\Phi$ lum, lamp |
|----------|-----------------------|-------|--------|-------|-------|-------|--------|-------|----------|-------------|--------------|------------------|
| 10       | 295.2                 | 292.6 | 290.7  | 293.3 | 297.1 | 293.3 | 289.8  | 291.5 | 0- 10    | 28.15       | 28.15        | 2.4,0.42         |
| 20       | 286.2                 | 279.0 | 271.0  | 280.0 | 288.2 | 279.9 | 270.3  | 277.1 | 10- 20   | 81.06       | 109.2        | 9.3,1.63         |
| 30       | 269.2                 | 258.0 | 242.3  | 258.0 | 268.8 | 257.4 | 240.8  | 255.3 | 20- 30   | 123.8       | 233.0        | 19.8,3.47        |
| 40       | 245.7                 | 230.0 | 206.2  | 228.6 | 243.6 | 227.7 | 203.8  | 226.8 | 30- 40   | 151.5       | 384.5        | 32.7,5.73        |
| 50       | 217.4                 | 197.1 | 165.0  | 193.9 | 213.5 | 192.9 | 162.2  | 193.4 | 40- 50   | 162.0       | 546.5        | 46.5,8.15        |
| 60       | 184.6                 | 160.2 | 120.7  | 155.5 | 178.9 | 154.1 | 116.3  | 155.9 | 50- 60   | 155.1       | 701.6        | 59.7,10.5        |
| 70       | 147.0                 | 120.1 | 74.50  | 114.2 | 140.2 | 112.6 | 69.35  | 115.5 | 60- 70   | 132.0       | 833.6        | 71,12.4          |
| 80       | 108.2                 | 79.96 | 29.44  | 73.39 | 100.4 | 72.28 | 24.87  | 75.81 | 70- 80   | 96.80       | 930.4        | 79.2,13.9        |
| 90       | 81.66                 | 53.09 | 0.0606 | 46.95 | 74.29 | 48.08 | 0.0211 | 48.83 | 80- 90   | 60.91       | 991.3        | 84.4,14.8        |
| 100      | 75.12                 | 48.82 | 0.1779 | 42.64 | 67.65 | 43.89 | 0.1542 | 47.09 | 90-100   | 46.89       | 1038         | 88.4,15.5        |
| 110      | 67.85                 | 44.33 | 0.4353 | 38.34 | 60.48 | 39.51 | 0.4134 | 42.70 | 100-110  | 41.81       | 1080         | 92,16.1          |
| 120      | 59.70                 | 37.73 | 0.7066 | 33.71 | 52.84 | 34.81 | 0.6922 | 35.44 | 110-120  | 34.82       | 1115         | 94.9,16.6        |
| 130      | 50.99                 | 28.25 | 1.001  | 28.76 | 44.72 | 29.75 | 0.9963 | 26.88 | 120-130  | 26.30       | 1141         | 97.2,17          |
| 140      | 41.67                 | 18.05 | 1.259  | 21.21 | 36.14 | 22.17 | 1.258  | 17.71 | 130-140  | 17.75       | 1159         | 98.7,17.3        |
| 150      | 28.94                 | 10.06 | 1.483  | 13.27 | 23.58 | 13.48 | 1.488  | 11.68 | 140-150  | 10.08       | 1169         | 99.5,17.4        |
| 160      | 16.50                 | 3.541 | 1.708  | 5.309 | 10.17 | 5.555 | 1.707  | 7.175 | 150-160  | 4.287       | 1173         | 99.9,17.5        |
| 170      | 1.786                 | 1.838 | 1.839  | 1.828 | 1.773 | 1.946 | 1.801  | 1.884 | 160-170  | 1.051       | 1174         | 100,17.5         |
| 180      | 1.787                 | 1.806 | 1.867  | 1.841 | 1.787 | 1.801 | 1.867  | 1.827 | 170-180  | 0.1749      | 1174         | 100,17.5         |
| DEG      | LUMINOUS INTENSITY:cd |       |        |       |       |       |        |       |          | UNIT:lm     |              |                  |



| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G(DEG)            | C0/180 | C90/270 |
| 85                | 52542  | 6159    |
| 80                | 31166  | 8476    |
| 75                | 24618  | 9914    |
| 70                | 21484  | 10892   |
| 65                | 19716  | 11577   |
| 60                | 18460  | 12072   |
| 55                | 17572  | 12482   |
| 50                | 16912  | 12838   |
| 45                | 16417  | 13163   |

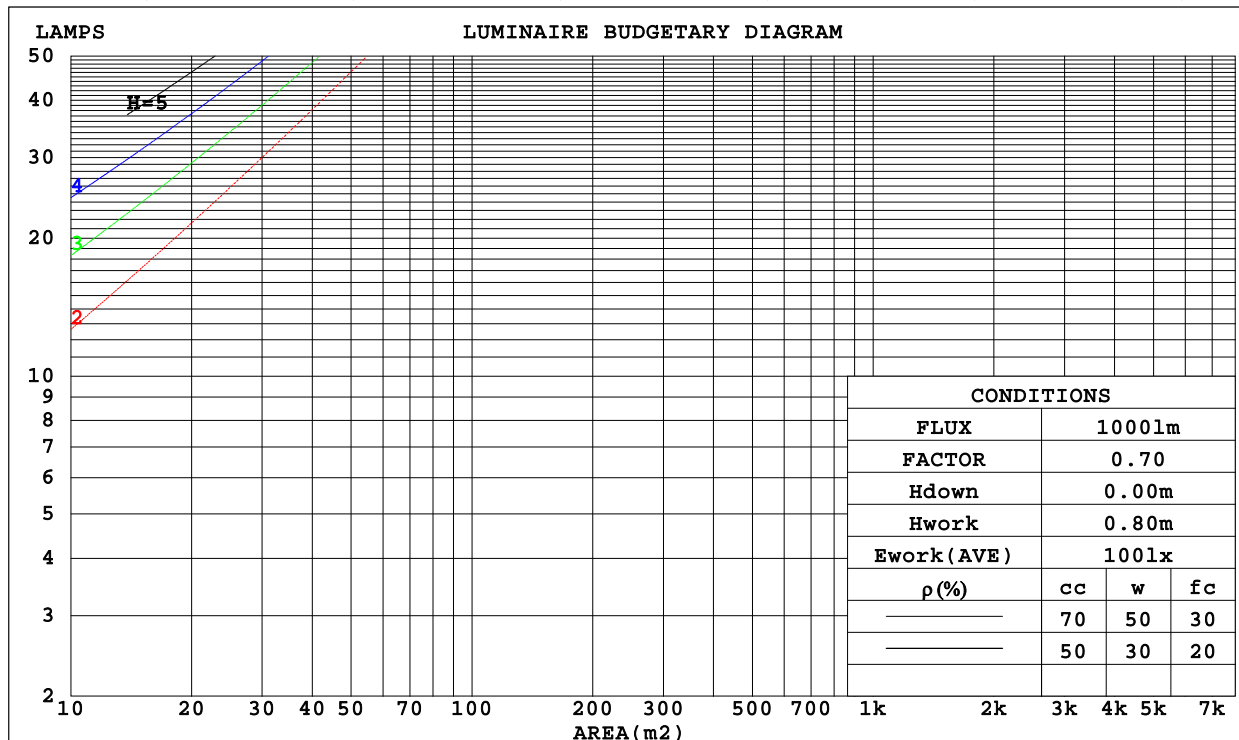
C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2018-07-16

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
Humidity: 65.0%  
Test Distance: 8.370m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

|   |          |                   |
|---|----------|-------------------|
| Test:U:120.2V I:0.0892A P:10.49W PF:0.9787 Lamp Flux:6709.54x1 lm |          |                   |
| NAME: TB2-10W-40S   | TYPE:LED | WEIGHT:           |
| SPEC.:  | DIM.:    | SERIAL No.:1      |
| MFR.: EVERFINE  | SUR.:    | PROTECTION ANGLE: |

| $\rho_{cc}$ | 80%                   |     |     | 70%                             |     |     | 50% |     |     | 30% |     |     | 10% |     |     | 0   |
|-------------|-----------------------|-----|-----|---------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| $\rho_w$    | 50%                   | 30% | 10% | 50%                             | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0   |
| $\rho_{fc}$ | 20%                   |     |     | 20%                             |     |     | 20% |     |     | 20% |     |     | 20% |     |     | 0   |
| RCR         | RCR:Room Cavity Ratio |     |     | Coefficients of Utilization(CU) |     |     |     |     |     |     |     |     |     |     |     |     |
| 0.0         | .20                   | .20 | .20 | .19                             | .19 | .19 | .18 | .18 | .18 | .17 | .17 | .17 | .15 | .15 | .15 | .15 |
| 1.0         | .17                   | .16 | .15 | .16                             | .16 | .15 | .15 | .15 | .14 | .14 | .14 | .13 | .13 | .13 | .12 | .12 |
| 2.0         | .15                   | .13 | .12 | .14                             | .13 | .12 | .13 | .12 | .11 | .12 | .11 | .11 | .11 | .11 | .10 | .09 |
| 3.0         | .13                   | .11 | .10 | .12                             | .11 | .10 | .11 | .10 | .09 | .11 | .10 | .09 | .10 | .09 | .08 | .08 |
| 4.0         | .11                   | .10 | .08 | .11                             | .09 | .08 | .10 | .09 | .08 | .09 | .08 | .07 | .09 | .08 | .07 | .07 |
| 5.0         | .10                   | .08 | .07 | .10                             | .08 | .07 | .09 | .08 | .07 | .08 | .07 | .06 | .08 | .07 | .06 | .06 |
| 6.0         | .09                   | .07 | .06 | .09                             | .07 | .06 | .08 | .07 | .06 | .08 | .06 | .06 | .07 | .06 | .05 | .05 |
| 7.0         | .08                   | .07 | .06 | .08                             | .06 | .05 | .07 | .06 | .05 | .07 | .06 | .05 | .06 | .05 | .05 | .04 |
| 8.0         | .07                   | .06 | .05 | .07                             | .06 | .05 | .07 | .05 | .05 | .06 | .05 | .04 | .06 | .05 | .04 | .04 |
| 9.0         | .07                   | .05 | .04 | .07                             | .05 | .04 | .06 | .05 | .04 | .06 | .05 | .04 | .05 | .04 | .04 | .03 |
| 10.0        | .06                   | .05 | .04 | .06                             | .05 | .04 | .06 | .05 | .04 | .05 | .04 | .04 | .05 | .04 | .03 | .03 |



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2018-07-16

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
 Humidity: 65.0%  
 Test Distance: 8.370m [K=1.0000]  
 Remarks:

## WEC AND CCEC

|   |          |                   |
|---|----------|-------------------|
| Test:U:120.2V I:0.0892A P:10.49W PF:0.9787 Lamp Flux:6709.54x1 lm |          |                   |
| NAME: TB2-10W-40S   | TYPE:LED | WEIGHT:           |
| SPEC.:  | DIM.:    | SERIAL No.:1      |
| MFR.: EVERFINE  | SUR.:    | PROTECTION ANGLE: |

| pcc  | 80%                   |      |      | 70%  |      |      | 50%                             |      |      | 30%  |      |      | 10%  |      |      | 0 |
|------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|---|
| pw   | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%                             | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |
| pfc  | 20%                   |      |      | 20%  |      |      | 20%                             |      |      | 20%  |      |      | 20%  |      |      | 0 |
| RCR  | RCR:Room Cavity Ratio |      |      |      |      |      | Wall Exitance Coefficients(WEC) |      |      |      |      |      |      |      |      |   |
| 0.0  |                       |      |      |      |      |      |                                 |      |      |      |      |      |      |      |      |   |
| 1.0  | .062                  | .035 | .011 | .060 | .034 | .011 | .056                            | .032 | .010 | .052 | .030 | .010 | .049 | .028 | .009 |   |
| 2.0  | .055                  | .030 | .009 | .053 | .029 | .009 | .050                            | .028 | .009 | .046 | .026 | .008 | .043 | .025 | .008 |   |
| 3.0  | .050                  | .026 | .008 | .048 | .026 | .008 | .045                            | .024 | .007 | .042 | .023 | .007 | .039 | .022 | .007 |   |
| 4.0  | .045                  | .023 | .007 | .044 | .023 | .007 | .041                            | .022 | .006 | .038 | .020 | .006 | .036 | .019 | .006 |   |
| 5.0  | .041                  | .021 | .006 | .040 | .020 | .006 | .037                            | .019 | .006 | .035 | .018 | .005 | .033 | .017 | .005 |   |
| 6.0  | .038                  | .019 | .005 | .037 | .019 | .005 | .034                            | .018 | .005 | .032 | .017 | .005 | .030 | .016 | .005 |   |
| 7.0  | .035                  | .017 | .005 | .034 | .017 | .005 | .032                            | .016 | .005 | .030 | .015 | .004 | .028 | .015 | .004 |   |
| 8.0  | .033                  | .016 | .004 | .032 | .016 | .004 | .030                            | .015 | .004 | .028 | .014 | .004 | .026 | .013 | .004 |   |
| 9.0  | .031                  | .015 | .004 | .030 | .014 | .004 | .028                            | .014 | .004 | .026 | .013 | .004 | .024 | .012 | .004 |   |
| 10.0 | .029                  | .014 | .004 | .028 | .013 | .004 | .026                            | .013 | .004 | .024 | .012 | .003 | .023 | .012 | .003 |   |

| pcc  | 80%                   |      |      | 70%  |      |      | 50%  |      |      | 30%  |      |      | 10%  |      |      | 0 |
|------|-----------------------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|---|
| pw   | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |
| pfc  | 20%                   |      |      | 20%  |      |      | 20%  |      |      | 20%  |      |      | 20%  |      |      | 0 |
| RCR  | RCR:Room Cavity Ratio |      |      |      |      |      | Ceiling Cavity Exitance Coefficients(CCEC) |      |      |      |      |      |      |      |      |   |
| 0.0  | .054                  | .054 | .054 | .046 | .046 | .046 | .032                                       | .032 | .032 | .018 | .018 | .018 | .006 | .006 | .006 |   |
| 1.0  | .053                  | .048 | .044 | .045 | .041 | .038 | .031                                       | .028 | .026 | .018 | .016 | .015 | .006 | .005 | .005 |   |
| 2.0  | .052                  | .044 | .038 | .044 | .038 | .033 | .030                                       | .026 | .023 | .018 | .015 | .013 | .006 | .005 | .004 |   |
| 3.0  | .050                  | .041 | .034 | .043 | .036 | .029 | .030                                       | .025 | .021 | .017 | .014 | .012 | .006 | .005 | .004 |   |
| 4.0  | .049                  | .039 | .031 | .042 | .034 | .027 | .029                                       | .024 | .019 | .017 | .014 | .011 | .005 | .004 | .004 |   |
| 5.0  | .048                  | .037 | .030 | .041 | .032 | .026 | .028                                       | .023 | .018 | .016 | .013 | .011 | .005 | .004 | .004 |   |
| 6.0  | .047                  | .036 | .028 | .040 | .031 | .025 | .028                                       | .022 | .017 | .016 | .013 | .010 | .005 | .004 | .003 |   |
| 7.0  | .045                  | .035 | .027 | .039 | .030 | .024 | .027                                       | .021 | .017 | .016 | .012 | .010 | .005 | .004 | .003 |   |
| 8.0  | .044                  | .034 | .027 | .038 | .029 | .023 | .026                                       | .021 | .016 | .015 | .012 | .010 | .005 | .004 | .003 |   |
| 9.0  | .043                  | .033 | .026 | .037 | .029 | .023 | .026                                       | .020 | .016 | .015 | .012 | .010 | .005 | .004 | .003 |   |
| 10.0 | .042                  | .032 | .026 | .036 | .028 | .022 | .025                                       | .020 | .016 | .015 | .012 | .009 | .005 | .004 | .003 |   |

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2018-07-16

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
 Humidity:65.0%  
 Test Distance:8.370m [K=1.0000]  
 Remarks:

UGR(Unified Glare Rating) Table

|   |               |                  |      |      |          |               |                |                   |      |      |      |
|---|---------------|------------------|------|------|----------|---------------|----------------|-------------------|------|------|------|
| Test:U:120.2V I:0.0892A P:10.49W PF:0.9787 Lamp Flux:6709.54x1 lm |               |                  |      |      |          |               |                |                   |      |      |      |
| NAME: TB2-10W-40S   |               |                  |      |      | TYPE:LED |               |                | WEIGHT:           |      |      |      |
| SPEC.:  |               |                  |      |      | DIM.:    |               |                | SERIAL No.:1      |      |      |      |
| MFR.: EVERFINE  |               |                  |      |      | SUR.:    |               |                | PROTECTION 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   | 2H            | 22.3             | 23.7 | 22.8 | 24.1     | 24.6          | 20.6           | 22.0              | 21.1 | 22.4 | 22.9 |
|   | 3H            | 24.6             | 25.9 | 25.1 | 26.4     | 26.9          | 22.0           | 23.3              | 22.5 | 23.8 | 24.3 |
|   | 4H            | 25.8             | 27.0 | 26.4 | 27.5     | 28.1          | 22.6           | 23.8              | 23.1 | 24.3 | 24.9 |
|   | 6H            | 27.1             | 28.2 | 27.6 | 28.8     | 29.4          | 23.0           | 24.1              | 23.5 | 24.6 | 25.2 |
|   | 8H            | 27.8             | 28.9 | 28.3 | 29.4     | 30.0          | 23.1           | 24.1              | 23.6 | 24.7 | 25.3 |
|   | 12H           | 28.5             | 29.6 | 29.1 | 30.1     | 30.8          | 23.1           | 24.1              | 23.7 | 24.7 | 25.3 |
| 4H  | 2H            | 22.8             | 24.0 | 23.4 | 24.6     | 25.1          | 21.6           | 22.8              | 22.1 | 23.3 | 23.9 |
|   | 3H            | 25.4             | 26.4 | 26.0 | 27.0     | 27.6          | 23.3           | 24.3              | 23.9 | 24.9 | 25.5 |
|   | 4H            | 26.8             | 27.7 | 27.4 | 28.3     | 29.0          | 24.0           | 25.0              | 24.6 | 25.5 | 26.2 |
|   | 6H            | 28.3             | 29.1 | 28.9 | 29.7     | 30.4          | 24.5           | 25.4              | 25.2 | 26.0 | 26.7 |
|   | 8H            | 29.1             | 29.8 | 29.7 | 30.5     | 31.2          | 24.7           | 25.5              | 25.3 | 26.1 | 26.8 |
|   | 12H           | 30.0             | 30.7 | 30.6 | 31.3     | 32.1          | 24.8           | 25.5              | 25.4 | 26.2 | 26.9 |
| 8H  | 4H            | 27.1             | 27.9 | 27.7 | 28.5     | 29.2          | 24.8           | 25.6              | 25.4 | 26.2 | 26.9 |
|   | 6H            | 28.8             | 29.5 | 29.5 | 30.1     | 30.9          | 25.6           | 26.3              | 26.3 | 27.0 | 27.7 |
|   | 8H            | 29.8             | 30.4 | 30.5 | 31.1     | 31.9          | 26.0           | 26.6              | 26.7 | 27.2 | 28.0 |
|   | 12H           | 31.0             | 31.5 | 31.7 | 32.2     | 33.0          | 26.2           | 26.7              | 26.9 | 27.4 | 28.2 |
| 12H   | 4H            | 27.1             | 27.8 | 27.7 | 28.4     | 29.2          | 25.0           | 25.7              | 25.7 | 26.4 | 27.1 |
|   | 6H            | 28.9             | 29.5 | 29.6 | 30.2     | 30.9          | 26.0           | 26.6              | 26.7 | 27.3 | 28.1 |
|   | 8H            | 30.0             | 30.5 | 30.7 | 31.2     | 32.0          | 26.5           | 27.0              | 27.2 | 27.7 | 28.5 |
| Variations with the observer position at spacings:                |               |                  |      |      |          |               |                |                   |      |      |      |
| S = 1.0H  | + 0.1 / - 0.1 |                  |      |      |          | + 0.1 / - 0.1 |                |                   |      |      |      |
| 1.5H  | + 0.2 / - 0.3 |                  |      |      |          | + 0.2 / - 0.3 |                |                   |      |      |      |
| 2.0H  | + 0.2 / - 0.4 |                  |      |      |          | + 0.2 / - 0.4 |                |                   |      |      |      |

CIE Pub.117 Corrected 6710 lm Total Lamp Luminous Flux.(8log(F/F0) = 6.6)

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2018-07-16

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
 Humidity:65.0%  
 Test Distance:8.370m [K=1.0000]  
 Remarks:

## UTILIZATION FACTORS TABLE

|   |          |                   |
|---|----------|-------------------|
| Test:U:120.2V I:0.0892A P:10.49W PF:0.9787 Lamp Flux:6709.54x1 lm |          |                   |
| NAME: TB2-10W-40S   | TYPE:LED | WEIGHT:           |
| SPEC.:  | DIM.:    | SERIAL No.:1      |
| MFR.: EVERFINE  | SUR.:    | PROTECTION 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                         | 9   | 7   | 5         | 9   | 7   | 5   | 8   | 6             | 5   | 4      |
| 0.80                             | 10  | 8   | 7         | 10  | 8   | 7   | 10  | 8             | 7   | 5      |
| 1.00                             | 12  | 10  | 8         | 11  | 9   | 8   | 11  | 10            | 8   | 6      |
| 1.25                             | 13  | 11  | 10        | 13  | 11  | 9   | 12  | 10            | 9   | 7      |
| 1.50                             | 14  | 12  | 11        | 13  | 12  | 10  | 13  | 11            | 10  | 8      |
| 2.00                             | 15  | 13  | 12        | 15  | 13  | 12  | 14  | 12            | 11  | 9      |
| 2.50                             | 16  | 14  | 13        | 15  | 14  | 13  | 14  | 13            | 12  | 10     |
| 3.00                             | 17  | 15  | 14        | 16  | 15  | 14  | 15  | 14            | 13  | 11     |
| 4.00                             | 17  | 16  | 15        | 17  | 16  | 15  | 16  | 15            | 14  | 11     |
| 5.00                             | 18  | 17  | 16        | 17  | 16  | 15  | 16  | 15            | 14  | 12     |
| ROOM INDEX                       | UF(total)   |     |           |     |     |     |     |               |     | Direct |
| According to DIN EN 13032-2 2004 |   |     | Suspended |     |     |     |     | SHRNOM = 1.25 |     |        |

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2018-07-16

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
 Humidity:65.0%  
 Test Distance:8.370m [K=1.0000]  
 Remarks:

## ISOCANDELA DIAGRAM

|   |          |                   |
|---|----------|-------------------|
| Test:U:120.2V I:0.0892A P:10.49W PF:0.9787 Lamp Flux:6709.54x1 lm |          |                   |
| NAME: TB2-10W-40S   | TYPE:LED | WEIGHT:           |
| SPEC.:  | DIM.:    | SERIAL No.:1      |
| MFR.: EVERFINE  | SUR.:    | PROTECTION ANGLE: |

Conical surface Flux(90deg):

465.3 lm

%lum = 39.6%

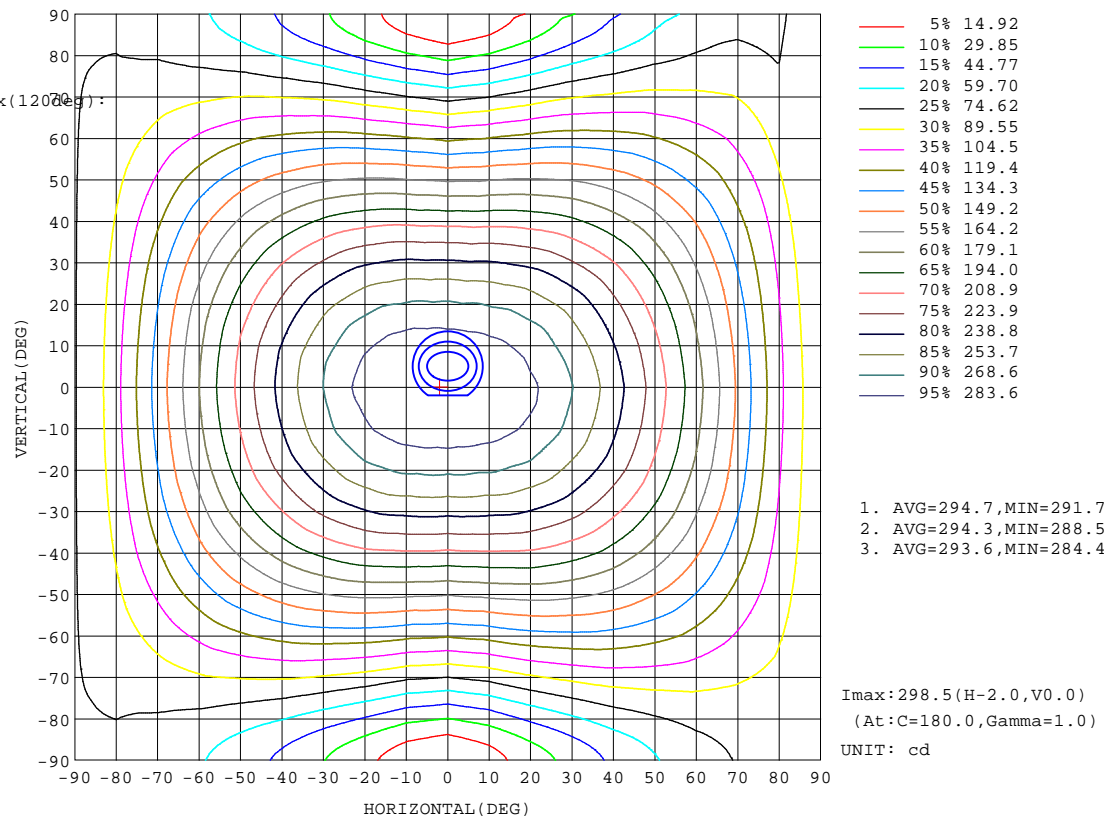
%lamp = 6.9%

Conical surface Flux(120deg):

701.6 lm

%lum = 59.7%

%lamp = 10.5%

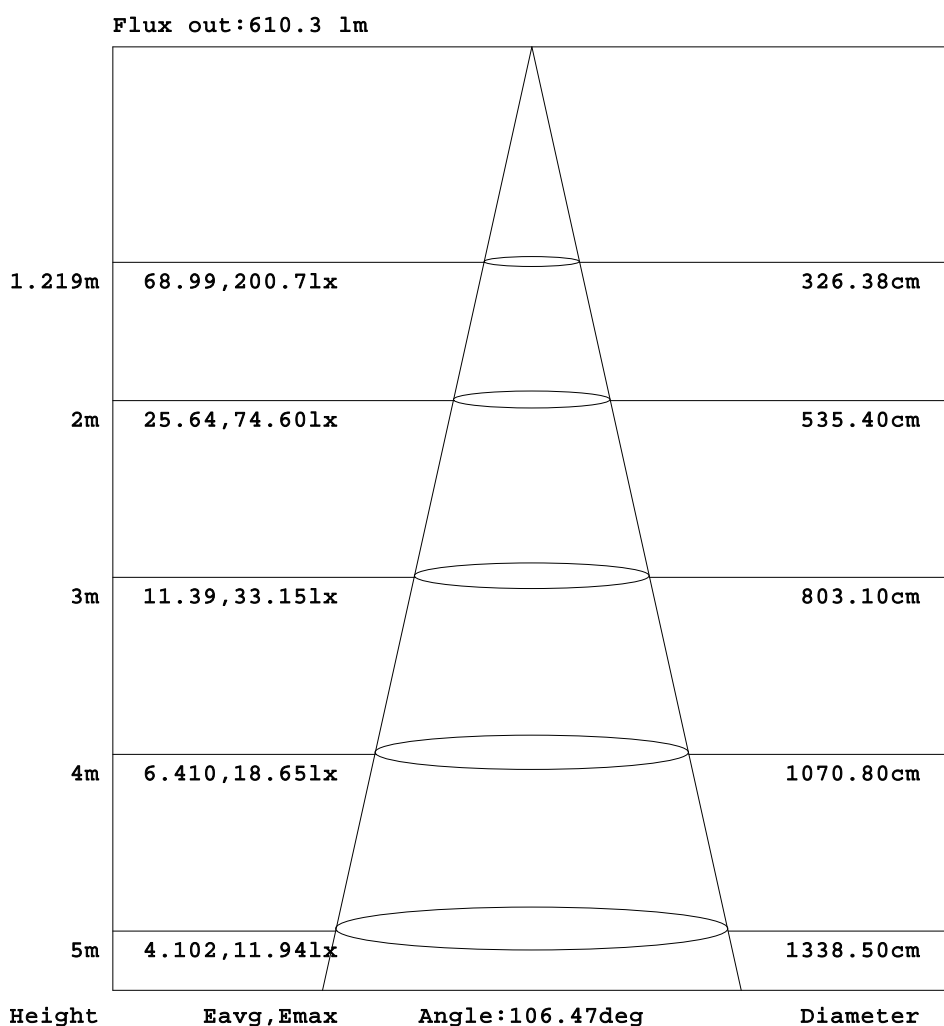


C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2018-07-16

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
Humidity: 65.0%  
Test Distance: 8.370m [K=1.0000]  
Remarks:

## AAI Figure

|   |          |                   |
|---|----------|-------------------|
| Test:U:120.2V I:0.0892A P:10.49W PF:0.9787 Lamp Flux:6709.54x1 lm |          |                   |
| NAME: TB2-10W-40S   | TYPE:LED | WEIGHT:           |
| SPEC.:  | DIM.:    | SERIAL No.:1      |
| MFR.: EVERFINE  | SUR.:    | PROTECTION ANGLE: |



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

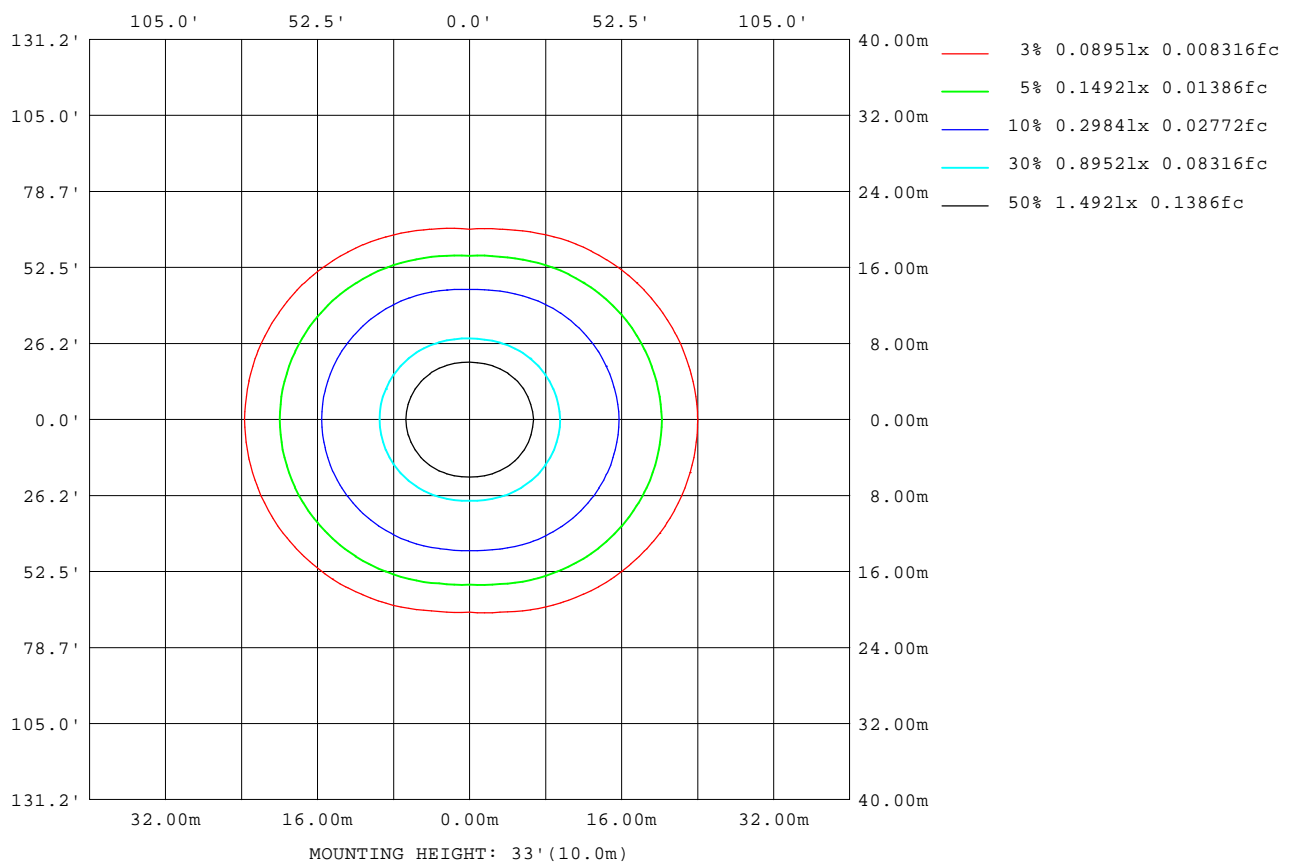
C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2018-07-16

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
 Humidity:65.0%  
 Test Distance:8.370m [K=1.0000]  
 Remarks:



## ISOLUX DIAGRAM

|   |          |                   |
|---|----------|-------------------|
| Test:U:120.2V I:0.0892A P:10.49W PF:0.9787 Lamp Flux:6709.54x1 lm |          |                   |
| NAME: TB2-10W-40S   | TYPE:LED | WEIGHT:           |
| SPEC.:  | DIM.:    | SERIAL No.:1      |
| MFR.: EVERFINE  | SUR.:    | PROTECTION ANGLE: |



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2018-07-16

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
Humidity:65.0%  
Test Distance:8.370m [K=1.0000]  
Remarks:

## LED Avg.L Report

|   |          |                   |
|---|----------|-------------------|
| Test:U:120.2V I:0.0892A P:10.49W PF:0.9787 Lamp Flux:6709.54x1 lm |          |                   |
| NAME: TB2-10W-40S   | TYPE:LED | WEIGHT:           |
| SPEC.:  | DIM.:    | SERIAL No.:1      |
| MFR.: EVERFINE  | SUR.:    | PROTECTION ANGLE: |

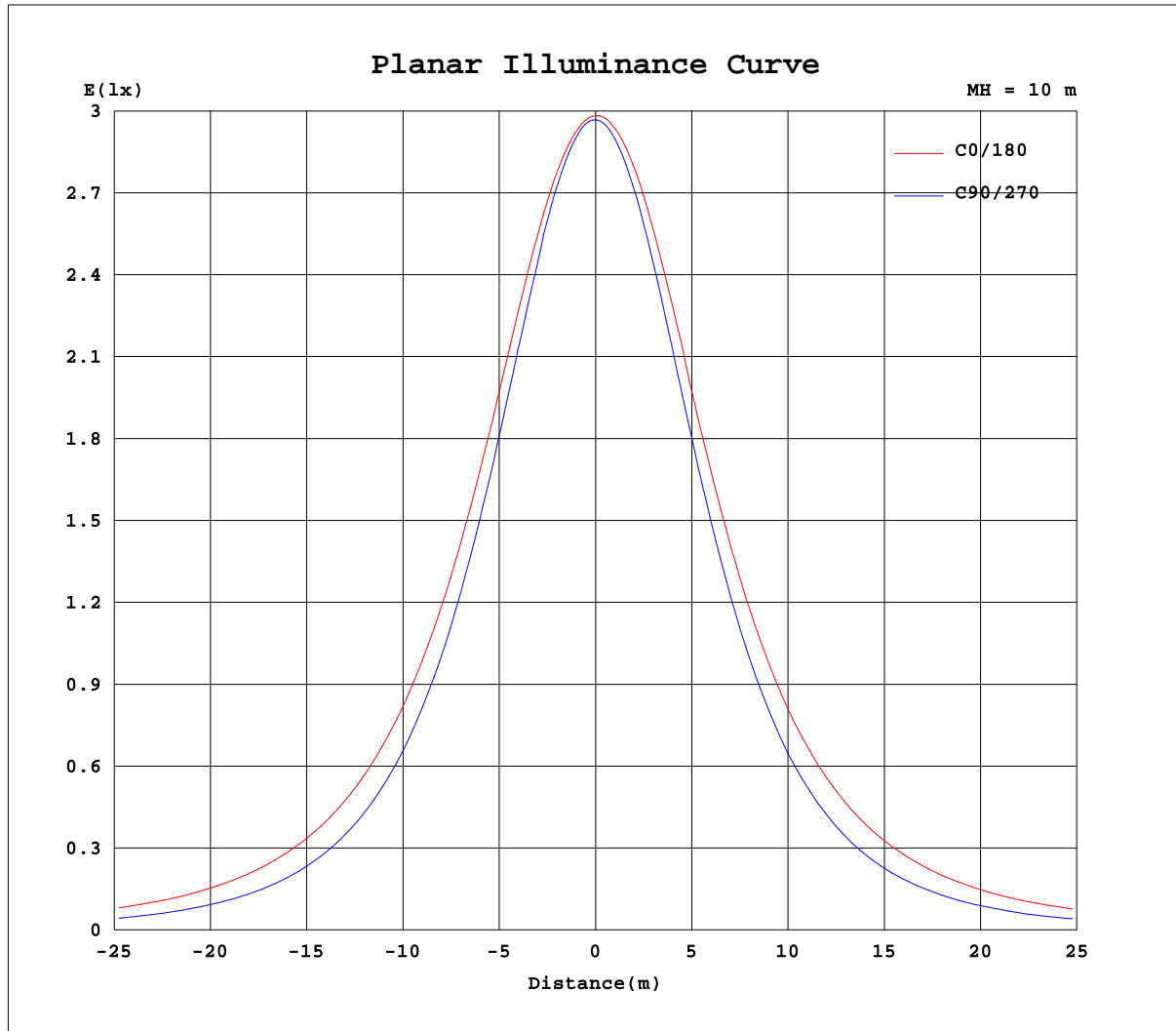
| AvgL           | cd/m2 |
|----------------|-------|
| L_0~180(65)av  | 19321 |
| L_0~180(75)av  | 23897 |
| L_0~180(85)av  | 50277 |
| L_90~270(65)av | 11288 |
| L_90~270(75)av | 9416  |
| L_90~270(85)av | 5326  |
| L_45(65)av     | 16121 |
| L_45(75)av     | 18374 |
| L_45(85)av     | 33837 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2018-07-16

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
Humidity:65.0%  
Test Distance:8.370m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2018-07-16

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
Humidity: 65.0%  
Test Distance: 8.370m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|   |          |                   |
|---|----------|-------------------|
| Test:U:120.2V I:0.0892A P:10.49W PF:0.9787 Lamp Flux:6709.54x1 lm |          |                   |
| NAME: TB2-10W-40S   | TYPE:LED | WEIGHT:           |
| SPEC.:  | DIM.:    | SERIAL No.:1      |
| MFR.: EVERFINE  | SUR.:    | PROTECTION ANGLE: |

Table--1

UNIT: cd

| C(DEG)<br>γ (DEG) | 0    | 10   | 20   | 30   | 40   | 50   | 60   | 70   | 80   | 90   | 100  | 110  | 120  | 130  | 140  | 150  | 160  | 170  | 180  |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0                 | 298  | 298  | 298  | 298  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 298  |
| 5                 | 297  | 297  | 297  | 296  | 296  | 296  | 296  | 295  | 295  | 295  | 295  | 296  | 296  | 296  | 296  | 296  | 297  | 297  | 298  |
| 10                | 295  | 295  | 294  | 294  | 293  | 292  | 291  | 291  | 291  | 291  | 291  | 291  | 292  | 293  | 294  | 295  | 295  | 295  | 297  |
| 15                | 292  | 291  | 290  | 290  | 288  | 287  | 285  | 284  | 283  | 283  | 283  | 284  | 286  | 288  | 289  | 290  | 291  | 292  | 294  |
| 20                | 286  | 286  | 284  | 283  | 281  | 277  | 276  | 273  | 272  | 271  | 272  | 273  | 277  | 278  | 282  | 284  | 285  | 286  | 288  |
| 25                | 279  | 277  | 277  | 273  | 272  | 267  | 265  | 261  | 259  | 258  | 259  | 261  | 265  | 268  | 272  | 274  | 277  | 277  | 280  |
| 30                | 269  | 268  | 267  | 263  | 261  | 255  | 252  | 247  | 244  | 242  | 244  | 247  | 252  | 256  | 260  | 263  | 266  | 267  | 269  |
| 35                | 258  | 257  | 255  | 251  | 247  | 242  | 237  | 231  | 227  | 225  | 227  | 231  | 237  | 241  | 247  | 250  | 254  | 255  | 257  |
| 40                | 246  | 244  | 242  | 238  | 233  | 227  | 221  | 214  | 209  | 206  | 209  | 213  | 220  | 225  | 232  | 236  | 240  | 242  | 244  |
| 45                | 232  | 231  | 228  | 223  | 218  | 210  | 203  | 195  | 189  | 186  | 189  | 194  | 202  | 208  | 215  | 220  | 225  | 227  | 229  |
| 50                | 217  | 216  | 213  | 207  | 201  | 193  | 185  | 176  | 169  | 165  | 168  | 174  | 183  | 190  | 198  | 204  | 209  | 212  | 213  |
| 55                | 202  | 200  | 197  | 191  | 184  | 175  | 166  | 156  | 147  | 143  | 146  | 154  | 163  | 171  | 179  | 186  | 192  | 195  | 197  |
| 60                | 185  | 183  | 179  | 173  | 165  | 155  | 145  | 135  | 125  | 121  | 124  | 132  | 141  | 151  | 160  | 167  | 174  | 177  | 179  |
| 65                | 167  | 165  | 161  | 154  | 145  | 135  | 124  | 114  | 103  | 97.9 | 101  | 111  | 120  | 131  | 139  | 148  | 155  | 158  | 160  |
| 70                | 147  | 146  | 141  | 135  | 125  | 115  | 103  | 91.8 | 80.1 | 74.5 | 78.3 | 88.5 | 98.6 | 110  | 119  | 128  | 134  | 139  | 140  |
| 75                | 127  | 126  | 121  | 115  | 105  | 94.4 | 82.0 | 70.0 | 57.7 | 51.3 | 55.6 | 66.4 | 77.1 | 88.5 | 98.1 | 107  | 114  | 118  | 120  |
| 80                | 108  | 107  | 102  | 95.3 | 85.3 | 74.6 | 61.9 | 49.4 | 36.6 | 29.4 | 34.3 | 45.6 | 56.9 | 68.5 | 78.3 | 87.6 | 94.1 | 98.9 | 100  |
| 85                | 91.6 | 90.5 | 85.4 | 78.4 | 68.5 | 57.6 | 44.8 | 32.1 | 18.9 | 10.7 | 16.6 | 28.3 | 39.8 | 51.5 | 61.6 | 70.8 | 77.4 | 82.1 | 83.7 |
| 90                | 81.7 | 80.3 | 75.5 | 68.3 | 58.6 | 47.6 | 35.1 | 22.1 | 9.24 | 0.06 | 7.04 | 18.5 | 30.3 | 41.8 | 52.1 | 61.1 | 67.9 | 72.4 | 74.3 |
| 95                | 78.3 | 77.0 | 72.4 | 65.4 | 56.2 | 45.4 | 33.4 | 20.7 | 8.36 | 0.07 | 6.18 | 17.1 | 28.7 | 39.7 | 49.7 | 58.3 | 64.8 | 69.1 | 71.0 |
| 100               | 75.1 | 73.8 | 69.5 | 62.9 | 54.0 | 43.6 | 32.0 | 19.7 | 7.74 | 0.18 | 5.57 | 16.1 | 27.2 | 37.9 | 47.4 | 55.6 | 61.8 | 65.9 | 67.7 |
| 105               | 71.6 | 70.4 | 66.3 | 60.0 | 51.6 | 41.7 | 30.6 | 18.8 | 7.47 | 0.30 | 5.07 | 15.2 | 25.8 | 36.0 | 45.0 | 52.8 | 58.6 | 62.5 | 64.1 |
| 110               | 67.9 | 66.8 | 62.8 | 57.0 | 49.1 | 39.6 | 29.1 | 17.9 | 6.26 | 0.44 | 4.30 | 14.4 | 24.4 | 34.1 | 42.6 | 49.9 | 55.3 | 59.0 | 60.5 |
| 115               | 63.9 | 62.9 | 59.2 | 53.8 | 44.8 | 37.3 | 27.6 | 17.1 | 5.18 | 0.57 | 3.71 | 13.6 | 23.0 | 32.1 | 40.1 | 46.9 | 51.9 | 55.3 | 56.7 |
| 120               | 59.7 | 58.8 | 55.4 | 50.4 | 41.1 | 34.3 | 24.2 | 14.0 | 3.69 | 0.71 | 2.87 | 11.8 | 21.6 | 30.0 | 37.4 | 43.8 | 48.4 | 51.6 | 52.8 |
| 125               | 55.4 | 54.6 | 51.5 | 44.6 | 37.8 | 29.2 | 20.5 | 10.8 | 2.51 | 0.86 | 1.84 | 9.48 | 20.1 | 27.9 | 34.7 | 40.5 | 44.8 | 47.7 | 48.8 |
| 130               | 51.0 | 50.2 | 47.4 | 38.8 | 32.0 | 24.5 | 16.2 | 8.37 | 1.54 | 1.00 | 1.04 | 7.84 | 15.5 | 25.6 | 31.9 | 37.2 | 41.0 | 43.7 | 44.7 |
| 135               | 46.4 | 45.7 | 41.0 | 33.6 | 26.5 | 20.2 | 12.5 | 6.56 | 1.17 | 1.13 | 1.11 | 6.22 | 12.7 | 22.7 | 28.9 | 33.7 | 37.2 | 39.6 | 40.5 |
| 140               | 41.7 | 41.1 | 33.8 | 27.1 | 21.2 | 14.9 | 9.86 | 4.69 | 1.20 | 1.26 | 1.22 | 4.71 | 10.3 | 17.3 | 25.1 | 30.1 | 33.2 | 35.3 | 36.1 |
| 145               | 36.7 | 36.1 | 26.0 | 19.9 | 15.1 | 11.5 | 7.54 | 2.79 | 1.34 | 1.37 | 1.34 | 2.92 | 7.94 | 14.3 | 19.8 | 24.7 | 28.7 | 30.9 | 27.9 |
| 150               | 28.9 | 23.9 | 17.2 | 14.1 | 11.4 | 8.76 | 4.99 | 1.65 | 1.43 | 1.48 | 1.47 | 1.55 | 5.78 | 10.9 | 15.6 | 20.3 | 22.5 | 24.1 | 23.6 |
| 155               | 23.2 | 14.5 | 11.3 | 10.1 | 8.08 | 5.65 | 2.61 | 1.60 | 1.55 | 1.60 | 1.56 | 1.64 | 3.21 | 7.71 | 11.5 | 15.1 | 18.1 | 19.4 | 18.5 |
| 160               | 16.5 | 7.84 | 7.14 | 6.17 | 4.44 | 2.64 | 1.69 | 1.70 | 1.65 | 1.71 | 1.65 | 1.74 | 1.86 | 3.76 | 6.85 | 10.2 | 12.6 | 14.7 | 10.2 |
| 165               | 3.35 | 3.45 | 2.94 | 2.40 | 1.85 | 1.78 | 1.85 | 1.77 | 1.73 | 1.79 | 1.72 | 1.80 | 1.77 | 1.81 | 2.25 | 4.01 | 5.77 | 6.60 | 5.11 |
| 170               | 1.79 | 1.78 | 1.78 | 1.78 | 1.82 | 1.85 | 1.82 | 1.82 | 1.79 | 1.84 | 1.79 | 1.84 | 1.81 | 1.83 | 1.82 | 1.78 | 1.97 | 1.76 | 1.77 |
| 175               | 1.79 | 1.79 | 1.78 | 1.79 | 1.81 | 1.81 | 1.80 | 1.85 | 1.87 | 1.86 | 1.80 | 1.87 | 1.87 | 1.85 | 1.82 | 1.82 | 1.79 | 1.78 | 1.79 |
| 180               | 1.79 | 1.79 | 1.79 | 1.79 | 1.81 | 1.81 | 1.81 | 1.85 | 1.88 | 1.87 | 1.82 | 1.87 | 1.87 | 1.85 | 1.83 | 1.82 | 1.79 | 1.79 | 1.79 |

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2018-07-16

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
Humidity:65.0%  
Test Distance:8.370m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|   |  |  |  |  |  |  |  |  |          |  |  |  |  |  |                   |  |  |
|---|--|--|--|--|--|--|--|--|----------|--|--|--|--|--|-------------------|--|--|
| Test:U:120.2V I:0.0892A P:10.49W PF:0.9787 Lamp Flux:6709.54x1 lm |  |  |  |  |  |  |  |  |          |  |  |  |  |  |                   |  |  |
| NAME: TB2-10W-40S   |  |  |  |  |  |  |  |  | TYPE:LED |  |  |  |  |  | WEIGHT:           |  |  |
| SPEC.:  |  |  |  |  |  |  |  |  | DIM.:    |  |  |  |  |  | SERIAL No.:1      |  |  |
| MFR.: EVERFINE  |  |  |  |  |  |  |  |  | SUR.:    |  |  |  |  |  | PROTECTION ANGLE: |  |  |

Table--2

UNIT: cd

| C(DEC)<br>γ (DEC) | 190  | 200  | 210  | 220  | 230  | 240  | 250  | 260  | 270  | 280  | 290  | 300  | 310  | 320  | 330  | 340  | 350  |  |  |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|
| 0                 | 298  | 298  | 298  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  |  |  |
| 5                 | 298  | 297  | 297  | 297  | 296  | 296  | 295  | 295  | 295  | 295  | 295  | 295  | 295  | 295  | 295  | 295  | 296  |  |  |
| 10                | 296  | 296  | 295  | 294  | 293  | 292  | 291  | 290  | 290  | 290  | 290  | 290  | 291  | 292  | 292  | 293  | 293  |  |  |
| 15                | 293  | 292  | 290  | 289  | 287  | 285  | 283  | 283  | 282  | 281  | 282  | 284  | 285  | 287  | 288  | 289  | 290  |  |  |
| 20                | 287  | 286  | 284  | 281  | 279  | 275  | 273  | 270  | 270  | 270  | 272  | 273  | 276  | 278  | 281  | 283  | 284  |  |  |
| 25                | 279  | 276  | 275  | 271  | 268  | 264  | 261  | 257  | 257  | 256  | 259  | 262  | 266  | 268  | 272  | 274  | 276  |  |  |
| 30                | 268  | 266  | 264  | 259  | 256  | 250  | 246  | 242  | 241  | 241  | 244  | 248  | 254  | 257  | 262  | 264  | 267  |  |  |
| 35                | 256  | 253  | 251  | 245  | 241  | 235  | 230  | 225  | 223  | 224  | 228  | 233  | 239  | 244  | 249  | 252  | 255  |  |  |
| 40                | 243  | 240  | 236  | 230  | 225  | 218  | 212  | 206  | 204  | 205  | 211  | 217  | 224  | 230  | 236  | 239  | 243  |  |  |
| 45                | 228  | 225  | 220  | 214  | 208  | 200  | 193  | 186  | 183  | 185  | 192  | 199  | 207  | 214  | 221  | 225  | 229  |  |  |
| 50                | 212  | 208  | 204  | 196  | 189  | 181  | 173  | 165  | 162  | 164  | 172  | 180  | 190  | 197  | 205  | 210  | 214  |  |  |
| 55                | 196  | 191  | 186  | 178  | 170  | 161  | 152  | 144  | 139  | 143  | 151  | 161  | 171  | 180  | 188  | 194  | 198  |  |  |
| 60                | 178  | 173  | 167  | 159  | 150  | 140  | 130  | 122  | 116  | 121  | 129  | 141  | 151  | 161  | 170  | 176  | 181  |  |  |
| 65                | 158  | 154  | 146  | 139  | 128  | 119  | 108  | 98.9 | 93.0 | 98.0 | 108  | 120  | 130  | 141  | 151  | 158  | 163  |  |  |
| 70                | 138  | 134  | 126  | 118  | 107  | 97.2 | 85.3 | 76.0 | 69.3 | 75.2 | 85.5 | 98.5 | 110  | 121  | 130  | 139  | 143  |  |  |
| 75                | 118  | 114  | 106  | 97.4 | 86.2 | 75.8 | 63.5 | 53.5 | 46.2 | 52.7 | 63.7 | 77.4 | 89.0 | 101  | 110  | 119  | 124  |  |  |
| 80                | 98.3 | 94.1 | 86.6 | 77.8 | 66.7 | 55.8 | 43.4 | 32.5 | 24.9 | 31.7 | 43.7 | 57.6 | 69.6 | 82.0 | 91.5 | 100  | 105  |  |  |
| 85                | 81.7 | 77.6 | 70.3 | 61.6 | 50.7 | 39.5 | 27.0 | 15.6 | 7.83 | 14.8 | 27.3 | 41.1 | 53.6 | 65.6 | 75.4 | 83.6 | 82.5 |  |  |
| 90                | 72.7 | 68.7 | 61.8 | 53.3 | 42.9 | 31.6 | 19.6 | 7.97 | 0.02 | 6.95 | 16.2 | 28.9 | 42.8 | 54.9 | 63.0 | 68.4 | 73.1 |  |  |
| 95                | 69.5 | 65.7 | 59.2 | 50.9 | 41.0 | 30.0 | 18.4 | 7.26 | 0.08 | 6.52 | 18.5 | 31.3 | 42.0 | 49.8 | 56.7 | 66.2 | 71.6 |  |  |
| 100               | 66.3 | 62.7 | 56.5 | 48.6 | 39.2 | 28.6 | 17.5 | 6.87 | 0.15 | 6.35 | 17.8 | 30.0 | 41.8 | 52.4 | 59.2 | 62.3 | 69.4 |  |  |
| 105               | 62.9 | 59.4 | 53.7 | 46.2 | 37.2 | 27.2 | 16.7 | 6.54 | 0.28 | 5.56 | 17.2 | 28.8 | 40.0 | 50.1 | 58.2 | 64.8 | 61.5 |  |  |
| 110               | 59.2 | 56.1 | 50.7 | 43.8 | 35.2 | 25.8 | 15.8 | 5.30 | 0.41 | 4.78 | 16.3 | 27.6 | 38.0 | 47.4 | 55.2 | 61.5 | 65.2 |  |  |
| 115               | 55.6 | 52.7 | 47.6 | 41.2 | 33.2 | 24.4 | 15.0 | 4.65 | 0.55 | 4.42 | 15.2 | 25.5 | 35.1 | 43.2 | 50.1 | 57.4 | 61.4 |  |  |
| 120               | 51.8 | 49.1 | 44.5 | 38.5 | 31.1 | 22.9 | 12.4 | 3.74 | 0.69 | 4.00 | 11.8 | 22.4 | 31.4 | 39.5 | 47.4 | 52.2 | 57.5 |  |  |
| 125               | 47.9 | 45.4 | 41.2 | 35.7 | 29.0 | 21.3 | 9.84 | 2.67 | 0.84 | 3.34 | 10.0 | 19.3 | 27.2 | 35.2 | 41.5 | 47.9 | 52.4 |  |  |
| 130               | 43.8 | 41.7 | 37.8 | 32.9 | 26.6 | 17.1 | 8.15 | 1.40 | 1.00 | 2.53 | 8.69 | 14.9 | 23.4 | 30.4 | 37.3 | 44.1 | 48.1 |  |  |
| 135               | 39.7 | 37.8 | 34.3 | 29.9 | 23.8 | 12.8 | 6.62 | 1.20 | 1.14 | 1.77 | 7.88 | 12.6 | 18.9 | 25.8 | 31.7 | 38.0 | 41.9 |  |  |
| 140               | 35.4 | 33.7 | 30.6 | 26.2 | 18.1 | 10.8 | 5.19 | 1.32 | 1.26 | 1.36 | 6.81 | 10.9 | 14.8 | 20.7 | 26.2 | 32.4 | 38.0 |  |  |
| 145               | 31.0 | 29.3 | 25.1 | 21.1 | 13.8 | 8.89 | 3.17 | 1.45 | 1.39 | 1.39 | 5.42 | 9.54 | 12.4 | 15.5 | 19.3 | 25.4 | 32.1 |  |  |
| 150               | 24.1 | 22.8 | 20.5 | 15.6 | 11.4 | 6.43 | 1.62 | 1.56 | 1.49 | 1.49 | 3.79 | 8.00 | 10.6 | 12.7 | 14.7 | 17.5 | 22.0 |  |  |
| 155               | 16.2 | 18.4 | 14.4 | 11.8 | 8.02 | 3.45 | 1.66 | 1.67 | 1.60 | 1.59 | 2.28 | 5.95 | 8.71 | 10.6 | 11.8 | 12.8 | 14.8 |  |  |
| 160               | 14.2 | 13.2 | 10.2 | 7.36 | 3.75 | 1.78 | 1.73 | 1.77 | 1.71 | 1.68 | 1.71 | 3.55 | 6.13 | 8.22 | 9.40 | 10.2 | 10.5 |  |  |
| 165               | 6.63 | 5.37 | 3.95 | 2.27 | 1.82 | 1.81 | 1.78 | 1.81 | 1.79 | 1.77 | 1.73 | 1.85 | 3.14 | 4.93 | 6.11 | 7.11 | 7.43 |  |  |
| 170               | 1.76 | 1.75 | 1.80 | 2.07 | 1.82 | 1.83 | 1.79 | 1.83 | 1.80 | 1.81 | 1.78 | 1.82 | 1.83 | 1.94 | 2.33 | 2.89 | 3.10 |  |  |
| 175               | 1.76 | 1.79 | 1.79 | 1.88 | 1.81 | 1.83 | 1.81 | 1.86 | 1.83 | 1.84 | 1.82 | 1.85 | 1.82 | 1.82 | 1.82 | 1.81 | 1.81 |  |  |
| 180               | 1.79 | 1.79 | 1.79 | 1.79 | 1.81 | 1.83 | 1.82 | 1.87 | 1.87 | 1.84 | 1.86 | 1.86 | 1.82 | 1.83 | 1.82 | 1.81 | 1.81 |  |  |

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2018-07-16

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
Humidity:65.0%  
Test Distance:8.370m [K=1.0000]  
Remarks: