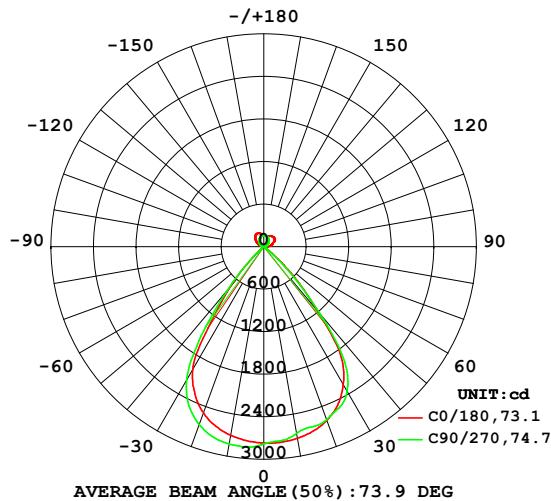


## LUMINAIRE PHOTOMETRIC TEST REPORT

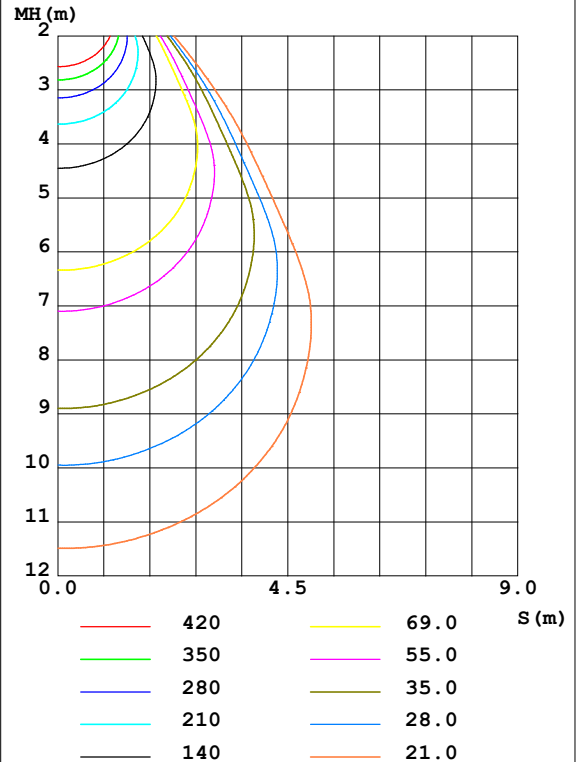
|                                                                                |                 |                  |
|--------------------------------------------------------------------------------|-----------------|------------------|
| Test:U:121.2V I:0.3030A P:36.60W PF:0.9900 Freq:60.00Hz Lamp Flux:4538.17x1 lm |                 |                  |
| NAME: 4FT                                                                      | TYPE:3000K 1.9  | WEIGHT:          |
| SPEC.:                                                                         | DIM.:           | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:1.12*0.045 | Shielding Angle: |

| DATA OF LAMP     |         | PHOTOMETRIC DATA Eff: 123.99 lm/W |         |                   |          |
|------------------|---------|-----------------------------------|---------|-------------------|----------|
| MODEL            |         | I <sub>max</sub> (cd)             | 2840    | S/MH(C0/180)      | 1.12     |
| NOMINAL POWER(W) | 36W     | LOR(%)                            | 100.0   | S/MH(C90/270)     | 1.04     |
| RATED VOLTAGE(V) | 120.0   | TOTAL FLUX(lm)                    | 4538.2  | η UP,DN(C0-180)   | 7.2,44.7 |
| NOMINAL FLUX(lm) | 4538.17 | CIE CLASS                         | SEMI-D. | η UP,DN(C180-360) | 7.2,40.8 |
| LAMPS INSIDE     | 1       | η up(%)                           | 14.4    | CIBSE SHR NOM     | 1.25     |
| TEST VOLTAGE(V)  | 120.0   | η down(%)                         | 85.6    | CIBSE SHR MAX     | 1.25     |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:  
Test Date:

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

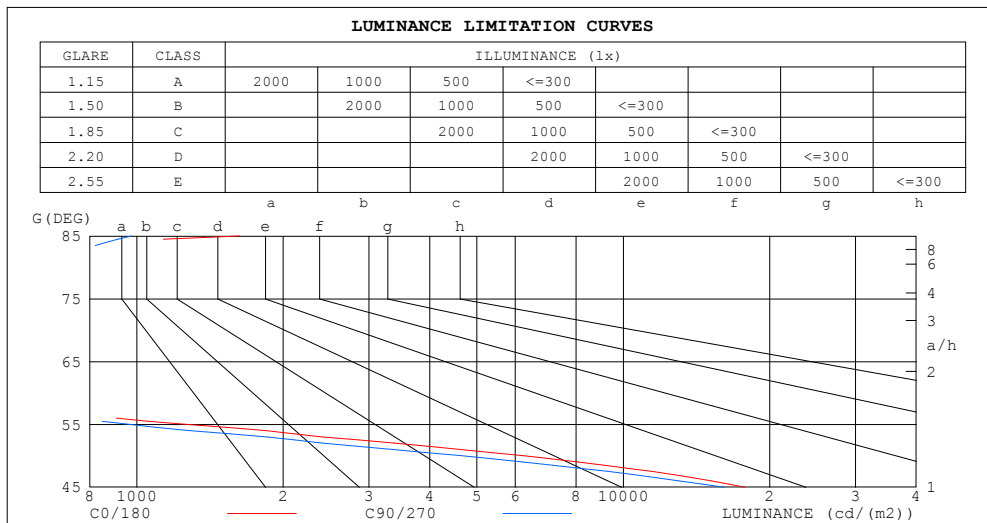
| $\gamma$ | C0                    | C45   | C90   | C135  | C180  | C225  | C270   | C315  | $\gamma$ | $\Phi$ zone | $\Phi$ total | %lum, lamp |
|----------|-----------------------|-------|-------|-------|-------|-------|--------|-------|----------|-------------|--------------|------------|
| 10       | 2744                  | 2716  | 2675  | 2700  | 2701  | 2794  | 2825   | 2817  | 0- 10    | 264.4       | 264.4        | 5.83,5.83  |
| 20       | 2607                  | 2553  | 2598  | 2509  | 2493  | 2625  | 2668   | 2682  | 10- 20   | 756.5       | 1021         | 22.5,22.5  |
| 30       | 2245                  | 2300  | 2354  | 2212  | 2009  | 2171  | 2180   | 2281  | 20- 30   | 1123        | 2143         | 47.2,47.2  |
| 40       | 1170                  | 1722  | 1238  | 1539  | 727.6 | 1224  | 785.1  | 1432  | 30- 40   | 1111        | 3254         | 71.7,71.7  |
| 50       | 199.6                 | 531.5 | 149.0 | 364.3 | 49.79 | 198.2 | 44.08  | 285.9 | 40- 50   | 525.1       | 3779         | 83.3,83.3  |
| 60       | 12.38                 | 56.67 | 13.77 | 33.05 | 11.06 | 10.65 | 8.535  | 18.98 | 50- 60   | 80.14       | 3860         | 85,85      |
| 70       | 7.126                 | 8.826 | 9.207 | 8.497 | 6.546 | 5.601 | 5.734  | 5.921 | 60- 70   | 10.77       | 3870         | 85.3,85.3  |
| 80       | 3.716                 | 5.384 | 5.629 | 5.224 | 3.755 | 3.426 | 3.512  | 3.685 | 70- 80   | 5.988       | 3876         | 85.4,85.4  |
| 90       | 39.26                 | 18.72 | 2.660 | 3.443 | 2.207 | 5.584 | 0.3584 | 37.76 | 80- 90   | 6.413       | 3883         | 85.6,85.6  |
| 100      | 95.87                 | 76.12 | 8.817 | 34.64 | 28.31 | 45.70 | 14.62  | 72.39 | 90-100   | 33.25       | 3916         | 86.3,86.3  |
| 110      | 127.1                 | 111.9 | 29.84 | 68.54 | 76.46 | 79.50 | 36.75  | 104.7 | 100-110  | 67.61       | 3984         | 87.8,87.8  |
| 120      | 173.4                 | 136.4 | 52.94 | 107.8 | 115.2 | 117.9 | 59.99  | 123.4 | 110-120  | 94.16       | 4078         | 89.9,89.9  |
| 130      | 190.2                 | 147.6 | 77.60 | 145.8 | 159.6 | 153.7 | 83.92  | 136.1 | 120-130  | 110.7       | 4189         | 92.3,92.3  |
| 140      | 188.1                 | 149.7 | 102.2 | 172.0 | 195.4 | 176.3 | 107.6  | 141.8 | 130-140  | 112.4       | 4301         | 94.8,94.8  |
| 150      | 175.7                 | 149.8 | 125.1 | 183.1 | 211.9 | 183.8 | 129.5  | 144.2 | 140-150  | 99.40       | 4400         | 97,97      |
| 160      | 162.8                 | 151.4 | 144.1 | 181.6 | 203.0 | 179.7 | 147.1  | 149.3 | 150-160  | 75.78       | 4476         | 98.6,98.6  |
| 170      | 157.2                 | 155.2 | 157.7 | 172.7 | 180.2 | 170.1 | 158.4  | 154.9 | 160-170  | 46.52       | 4523         | 99.7,99.7  |
| 180      | 157.9                 | 157.9 | 157.9 | 157.9 | 157.9 | 157.9 | 157.9  | 157.9 | 170-180  | 15.53       | 4538         | 100,100    |
| DEG      | LUMINOUS INTENSITY:cd |       |       |       |       |       |        |       |          | UNIT:lm     |              |            |

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3DEG  
 Operators:  
 Test Date:

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.353  
 Humidity:65.0%  
 Test Distance:10.000m [K=1.0000]  
 Remarks:

## LUMINANCE LIMITATION CURVES

|                                                                                |                 |                  |
|--------------------------------------------------------------------------------|-----------------|------------------|
| Test:U:121.2V I:0.3030A P:36.60W PF:0.9900 Freq:60.00Hz Lamp Flux:4538.17x1 lm |                 |                  |
| NAME: 4FT                                                                      | TYPE:3000K 1.9  | WEIGHT:          |
| SPEC.:                                                                         | DIM.:           | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:1.12*0.045 | Shielding Angle: |



| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G (DEG)           | C0/180 | C90/270 |
| 85                | 1628   | 977     |
| 80                | 428    | 648     |
| 75                | 407    | 566     |
| 70                | 417    | 538     |
| 65                | 441    | 530     |
| 60                | 495    | 551     |
| 55                | 1255   | 962     |
| 50                | 6211   | 4635    |
| 45                | 17771  | 16123   |

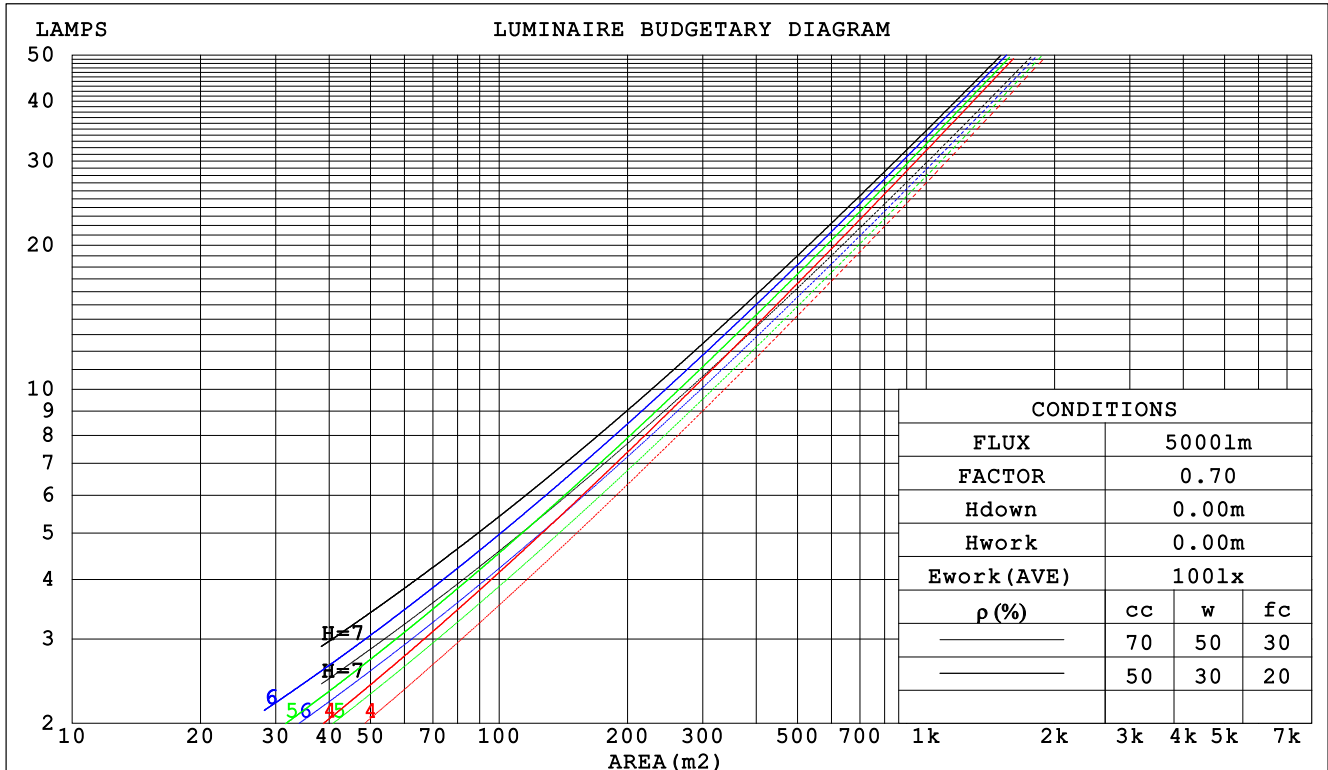
C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:  
Test Date:

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

|                                                                                |                 |                  |
|--------------------------------------------------------------------------------|-----------------|------------------|
| Test:U:121.2V I:0.3030A P:36.60W PF:0.9900 Freq:60.00Hz Lamp Flux:4538.17x1 lm |                 |                  |
| NAME: 4FT                                                                      | TYPE:3000K 1.9  | WEIGHT:          |
| SPEC.:                                                                         | DIM.:           | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:1.12*0.045 | Shielding 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         | 1.16                  | 1.16 | 1.16 | 1.11 | 1.11 | 1.11 | 1.03                            | 1.03 | 1.03 | .96 | .96 | .96 | .89 | .89 | .89 | .86 |
| 1.0         | 1.06                  | 1.03 | 1.00 | 1.02 | .90  | .98  | .96                             | .94  | .92  | .89 | .88 | .87 | .84 | .83 | .82 | .79 |
| 2.0         | .97                   | .92  | .88  | .94  | .90  | .86  | .88                             | .85  | .82  | .83 | .81 | .78 | .78 | .76 | .75 | .72 |
| 3.0         | .89                   | .83  | .79  | .86  | .81  | .77  | .82                             | .77  | .74  | .77 | .74 | .71 | .73 | .70 | .68 | .66 |
| 4.0         | .82                   | .75  | .70  | .79  | .74  | .69  | .75                             | .71  | .67  | .72 | .68 | .65 | .68 | .65 | .62 | .60 |
| 5.0         | .75                   | .68  | .64  | .73  | .67  | .63  | .70                             | .65  | .61  | .66 | .62 | .59 | .63 | .60 | .57 | .55 |
| 6.0         | .69                   | .62  | .58  | .68  | .61  | .57  | .65                             | .59  | .55  | .62 | .57 | .54 | .59 | .55 | .52 | .50 |
| 7.0         | .64                   | .57  | .53  | .63  | .56  | .52  | .60                             | .55  | .51  | .58 | .53 | .49 | .55 | .51 | .48 | .46 |
| 8.0         | .59                   | .53  | .48  | .58  | .52  | .48  | .56                             | .50  | .47  | .54 | .49 | .45 | .52 | .48 | .44 | .43 |
| 9.0         | .55                   | .49  | .44  | .54  | .48  | .44  | .52                             | .47  | .43  | .50 | .45 | .42 | .48 | .44 | .41 | .39 |
| 10.0        | .52                   | .45  | .41  | .51  | .45  | .40  | .49                             | .43  | .40  | .47 | .42 | .39 | .45 | .41 | .38 | .37 |



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:  
Test Date:

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:

### WEC AND CCEC

|                                                                                |  |  |                 |  |                  |
|--------------------------------------------------------------------------------|--|--|-----------------|--|------------------|
| Test:U:121.2V I:0.3030A P:36.60W PF:0.9900 Freq:60.00Hz Lamp Flux:4538.17x1 lm |  |  |                 |  |                  |
| NAME: 4FT                                                                      |  |  | TYPE:3000K 1.9  |  | WEIGHT:          |
| SPEC.:                                                                         |  |  | DIM.:           |  | SERIAL No.:      |
| MFR.: EVERFINE                                                                 |  |  | SUR.:1.12*0.045 |  | Shielding 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  | .205                  | .116 | .037 | .194 | .110 | .035 | .173                            | .099 | .032 | .153 | .089 | .028 | .136 | .079 | .025 |   |  |
| 2.0  | .196                  | .108 | .033 | .186 | .103 | .032 | .168                            | .093 | .029 | .151 | .085 | .027 | .135 | .077 | .024 |   |  |
| 3.0  | .187                  | .100 | .030 | .178 | .095 | .029 | .162                            | .088 | .027 | .147 | .080 | .025 | .133 | .073 | .023 |   |  |
| 4.0  | .178                  | .092 | .027 | .170 | .089 | .026 | .155                            | .082 | .025 | .142 | .076 | .023 | .129 | .070 | .021 |   |  |
| 5.0  | .169                  | .086 | .025 | .162 | .083 | .024 | .149                            | .077 | .023 | .136 | .072 | .021 | .125 | .067 | .020 |   |  |
| 6.0  | .161                  | .081 | .023 | .155 | .078 | .022 | .142                            | .073 | .021 | .131 | .068 | .020 | .120 | .063 | .019 |   |  |
| 7.0  | .153                  | .076 | .021 | .147 | .073 | .021 | .136                            | .069 | .020 | .126 | .065 | .019 | .116 | .060 | .018 |   |  |
| 8.0  | .146                  | .071 | .020 | .141 | .069 | .020 | .131                            | .065 | .019 | .121 | .061 | .018 | .112 | .057 | .017 |   |  |
| 9.0  | .139                  | .067 | .019 | .134 | .066 | .018 | .125                            | .062 | .018 | .116 | .058 | .017 | .108 | .055 | .016 |   |  |
| 10.0 | .133                  | .064 | .018 | .129 | .062 | .017 | .120                            | .059 | .017 | .112 | .055 | .016 | .104 | .052 | .015 |   |  |

| 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  | .301                  | .301 | .301 | .257 | .257 | .257 | .175                                       | .175 | .175 | .101 | .101 | .101 | .032 | .032 | .032 |   |
| 1.0  | .284                  | .268 | .254 | .243 | .230 | .218 | .166                                       | .158 | .151 | .096 | .092 | .088 | .031 | .029 | .028 |   |
| 2.0  | .271                  | .244 | .221 | .232 | .210 | .191 | .159                                       | .145 | .133 | .092 | .085 | .078 | .029 | .027 | .025 |   |
| 3.0  | .261                  | .226 | .198 | .224 | .195 | .172 | .153                                       | .135 | .121 | .089 | .079 | .071 | .028 | .026 | .023 |   |
| 4.0  | .252                  | .212 | .182 | .216 | .183 | .158 | .149                                       | .128 | .111 | .086 | .075 | .066 | .028 | .024 | .022 |   |
| 5.0  | .245                  | .201 | .169 | .210 | .174 | .147 | .145                                       | .122 | .104 | .084 | .071 | .062 | .027 | .023 | .020 |   |
| 6.0  | .238                  | .193 | .160 | .204 | .167 | .140 | .141                                       | .117 | .099 | .082 | .069 | .059 | .026 | .022 | .019 |   |
| 7.0  | .232                  | .186 | .153 | .200 | .161 | .134 | .138                                       | .113 | .095 | .080 | .066 | .056 | .026 | .022 | .019 |   |
| 8.0  | .227                  | .180 | .148 | .195 | .156 | .129 | .135                                       | .110 | .091 | .079 | .065 | .054 | .025 | .021 | .018 |   |
| 9.0  | .222                  | .175 | .143 | .191 | .152 | .125 | .132                                       | .107 | .089 | .077 | .063 | .053 | .025 | .021 | .018 |   |
| 10.0 | .217                  | .171 | .140 | .187 | .148 | .122 | .130                                       | .104 | .087 | .076 | .062 | .052 | .025 | .020 | .017 |   |

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:  
Test Date:

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:

### UGR(Unified Glare Rating) Table

|                                                                                |                  |      |      |      |                 |                |      |                  |      |      |      |
|--------------------------------------------------------------------------------|------------------|------|------|------|-----------------|----------------|------|------------------|------|------|------|
| Test:U:121.2V I:0.3030A P:36.60W PF:0.9900 Freq:60.00Hz Lamp Flux:4538.17x1 lm |                  |      |      |      |                 |                |      |                  |      |      |      |
| NAME: 4FT                                                                      |                  |      |      |      | TYPE:3000K 1.9  |                |      | WEIGHT:          |      |      |      |
| SPEC.:                                                                         |                  |      |      |      | DIM.:           |                |      | SERIAL No.:      |      |      |      |
| MFR.: EVERFINE                                                                 |                  |      |      |      | SUR.:1.12*0.045 |                |      | 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                                                                  | 2H               | 19.9 | 20.9 | 20.3 | 21.3            | 21.7           | 19.5 | 20.5             | 20.0 | 20.9 | 21.4 |
|                                                                                | 3H               | 19.7 | 20.6 | 20.2 | 21.0            | 21.5           | 19.3 | 20.2             | 19.8 | 20.6 | 21.1 |
|                                                                                | 4H               | 19.6 | 20.4 | 20.1 | 20.9            | 21.4           | 19.2 | 20.0             | 19.7 | 20.5 | 21.0 |
|                                                                                | 6H               | 19.4 | 20.2 | 20.0 | 20.7            | 21.2           | 19.1 | 19.9             | 19.6 | 20.3 | 20.9 |
|                                                                                | 8H               | 19.4 | 20.1 | 19.9 | 20.6            | 21.2           | 19.0 | 19.8             | 19.6 | 20.3 | 20.8 |
|                                                                                | 12H              | 19.3 | 20.0 | 19.9 | 20.5            | 21.1           | 19.0 | 19.7             | 19.5 | 20.2 | 20.7 |
| 4H                                                                             | 2H               | 19.6 | 20.4 | 20.1 | 20.9            | 21.4           | 19.2 | 20.1             | 19.7 | 20.5 | 21.0 |
|                                                                                | 3H               | 19.3 | 20.1 | 19.9 | 20.6            | 21.1           | 19.0 | 19.7             | 19.5 | 20.2 | 20.8 |
|                                                                                | 4H               | 19.2 | 19.9 | 19.8 | 20.4            | 21.0           | 18.9 | 19.5             | 19.4 | 20.0 | 20.6 |
|                                                                                | 6H               | 19.1 | 19.6 | 19.7 | 20.2            | 20.9           | 18.7 | 19.3             | 19.3 | 19.9 | 20.5 |
|                                                                                | 8H               | 19.0 | 19.5 | 19.6 | 20.1            | 20.8           | 18.7 | 19.2             | 19.3 | 19.8 | 20.4 |
|                                                                                | 12H              | 19.0 | 19.4 | 19.6 | 20.0            | 20.7           | 18.6 | 19.1             | 19.3 | 19.7 | 20.4 |
| 8H                                                                             | 4H               | 19.0 | 19.5 | 19.6 | 20.1            | 20.8           | 18.7 | 19.2             | 19.3 | 19.8 | 20.4 |
|                                                                                | 6H               | 18.9 | 19.3 | 19.5 | 19.9            | 20.6           | 18.6 | 19.0             | 19.2 | 19.6 | 20.3 |
|                                                                                | 8H               | 18.8 | 19.2 | 19.5 | 19.8            | 20.6           | 18.5 | 18.9             | 19.2 | 19.5 | 20.2 |
|                                                                                | 12H              | 18.8 | 19.1 | 19.5 | 19.8            | 20.5           | 18.4 | 18.7             | 19.1 | 19.4 | 20.2 |
| 12H                                                                            | 4H               | 19.0 | 19.4 | 19.6 | 20.0            | 20.7           | 18.6 | 19.1             | 19.2 | 19.7 | 20.4 |
|                                                                                | 6H               | 18.8 | 19.2 | 19.5 | 19.8            | 20.6           | 18.5 | 18.8             | 19.1 | 19.5 | 20.2 |
|                                                                                | 8H               | 18.8 | 19.1 | 19.5 | 19.7            | 20.5           | 18.4 | 18.7             | 19.1 | 19.4 | 20.2 |
| Variations with the observer position at spacings:                             |                  |      |      |      |                 |                |      |                  |      |      |      |
| S = 1.0H                                                                       | + 3.0 / -14.9    |      |      |      |                 | + 2.7 / -14.6  |      |                  |      |      |      |
| 1.5H                                                                           | + 3.1 / -10.5    |      |      |      |                 | + 3.4 / -11.8  |      |                  |      |      |      |
| 2.0H                                                                           | + 6.3 / -14.8    |      |      |      |                 | + 6.0 / -12.3  |      |                  |      |      |      |

CIE Pub.117 Corrected 4538 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.3)

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:  
Test Date:

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:

### UTILIZATION FACTORS TABLE

|                                                                                |                 |                  |
|--------------------------------------------------------------------------------|-----------------|------------------|
| Test:U:121.2V I:0.3030A P:36.60W PF:0.9900 Freq:60.00Hz Lamp Flux:4538.17x1 lm |                 |                  |
| NAME: 4FT                                                                      | TYPE:3000K 1.9  | WEIGHT:          |
| SPEC.:                                                                         | DIM.:           | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:1.12*0.045 | Shielding Angle: |

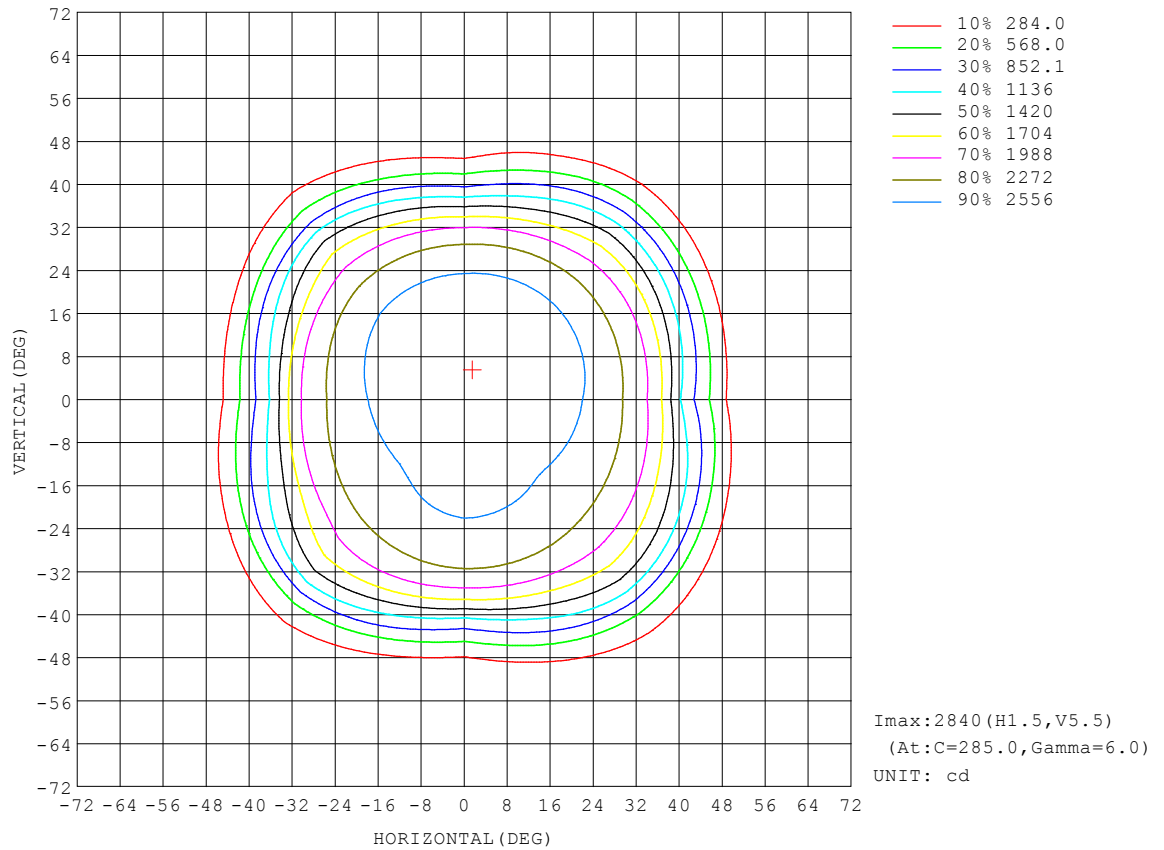
| REFLECTANCE                      |                                                      |     |           |     |     |     |     |               |     |        |
|----------------------------------|------------------------------------------------------|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling                          | 0.8                                                  | 0.8 | 0.8       | 0.7 | 0.7 | 0.7 | 0.5 | 0.5           | 0.5 | 0      |
| Walls                            | 0.7                                                  | 0.5 | 0.3       | 0.7 | 0.5 | 0.3 | 0.7 | 0.5           | 0.3 | 0      |
| Working plane                    | 0.2                                                  | 0.2 | 0.2       | 0.2 | 0.2 | 0.2 | 0.2 | 0.2           | 0.2 | 0      |
| ROOM INDEX                       | UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |               |     |        |
| $k = 0.60$                       | 74                                                   | 66  | 61        | 73  | 65  | 61  | 71  | 64            | 60  | 56     |
| 0.80                             | 82                                                   | 75  | 70        | 81  | 74  | 70  | 78  | 72            | 68  | 63     |
| 1.00                             | 88                                                   | 81  | 76        | 87  | 80  | 76  | 84  | 79            | 74  | 68     |
| 1.25                             | 93                                                   | 87  | 82        | 91  | 85  | 81  | 88  | 83            | 79  | 72     |
| 1.50                             | 97                                                   | 91  | 86        | 95  | 89  | 85  | 90  | 86            | 83  | 75     |
| 2.00                             | 101                                                  | 95  | 91        | 98  | 93  | 90  | 93  | 90            | 87  | 78     |
| 2.50                             | 103                                                  | 98  | 94        | 100 | 96  | 92  | 95  | 92            | 89  | 79     |
| 3.00                             | 105                                                  | 101 | 97        | 102 | 98  | 95  | 96  | 93            | 91  | 80     |
| 4.00                             | 108                                                  | 104 | 101       | 104 | 101 | 99  | 98  | 96            | 94  | 82     |
| 5.00                             | 109                                                  | 106 | 104       | 106 | 103 | 101 | 99  | 97            | 95  | 83     |
| 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: MEDIUM  
Temperature:25.3DEG  
Operators:  
Test Date:

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:

## ISOCANDELA DIAGRAM

|                                                                                |                 |                  |
|--------------------------------------------------------------------------------|-----------------|------------------|
| Test:U:121.2V I:0.3030A P:36.60W PF:0.9900 Freq:60.00Hz Lamp Flux:4538.17x1 lm |                 |                  |
| NAME: 4FT                                                                      | TYPE:3000K 1.9  | WEIGHT:          |
| SPEC.:                                                                         | DIM.:           | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:1.12*0.045 | Shielding Angle: |

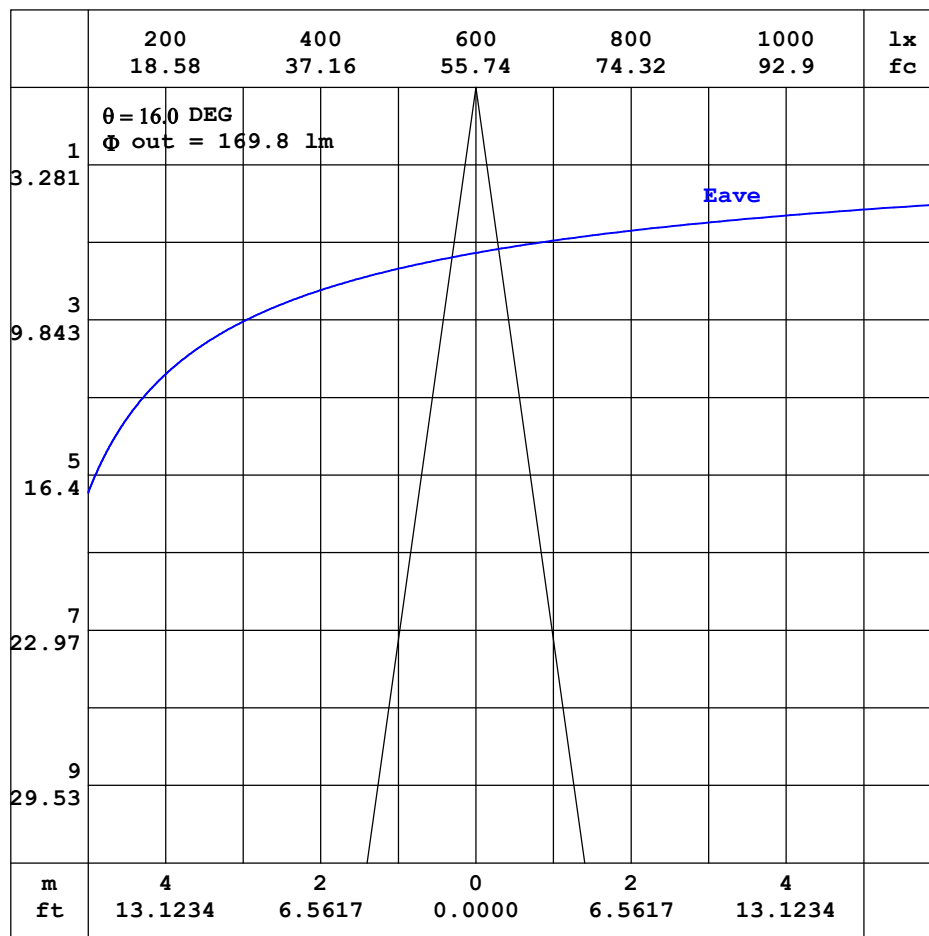


C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:  
Test Date:

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:

## AAI CURVES

|                                                                                |                 |                  |
|--------------------------------------------------------------------------------|-----------------|------------------|
| Test:U:121.2V I:0.3030A P:36.60W PF:0.9900 Freq:60.00Hz Lamp Flux:4538.17x1 lm |                 |                  |
| NAME: 4FT                                                                      | TYPE:3000K 1.9  | WEIGHT:          |
| SPEC.:                                                                         | DIM.:           | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:1.12*0.045 | Shielding Angle: |



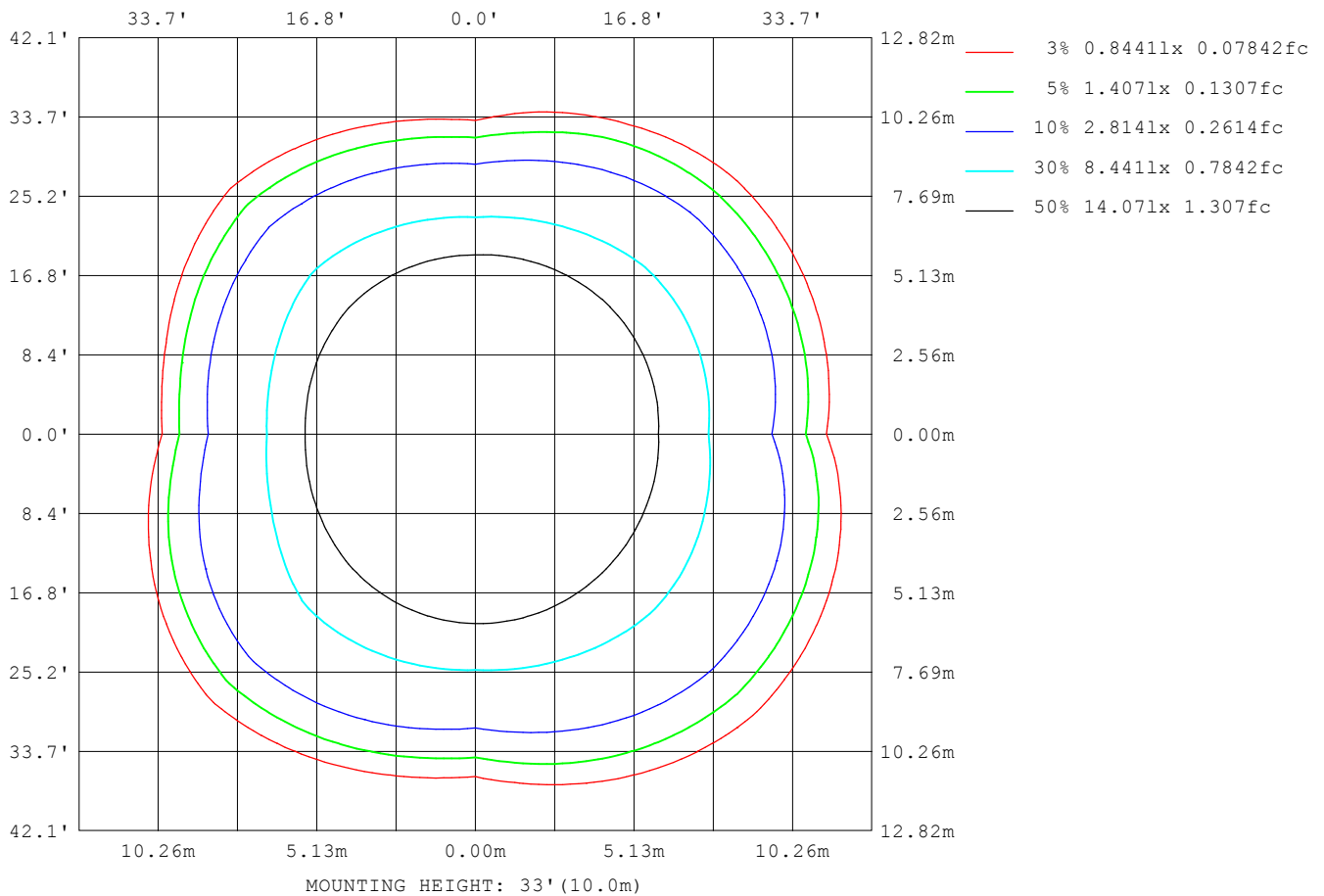
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: MEDIUM  
 Temperature: 25.3DEG  
 Operators:  
 Test Date:

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System: EVERFINE GO-2000\_V1 SYSTEM V2.0.353  
 Humidity: 65.0%  
 Test Distance: 10.000m [K=1.0000]  
 Remarks:

### ISOLUX DIAGRAM

|                                                                                |                 |                  |
|--------------------------------------------------------------------------------|-----------------|------------------|
| Test:U:121.2V I:0.3030A P:36.60W PF:0.9900 Freq:60.00Hz Lamp Flux:4538.17x1 lm |                 |                  |
| NAME: 4FT                                                                      | TYPE:3000K 1.9  | WEIGHT:          |
| SPEC.:                                                                         | DIM.:           | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:1.12*0.045 | Shielding Angle: |



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:  
Test Date:

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:

## LED Avg.L Report

|                                                                                |                 |                  |
|--------------------------------------------------------------------------------|-----------------|------------------|
| Test:U:121.2V I:0.3030A P:36.60W PF:0.9900 Freq:60.00Hz Lamp Flux:4538.17x1 lm |                 |                  |
| NAME: 4FT                                                                      | TYPE:3000K 1.9  | WEIGHT:          |
| SPEC.:                                                                         | DIM.:           | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:1.12*0.045 | Shielding Angle: |

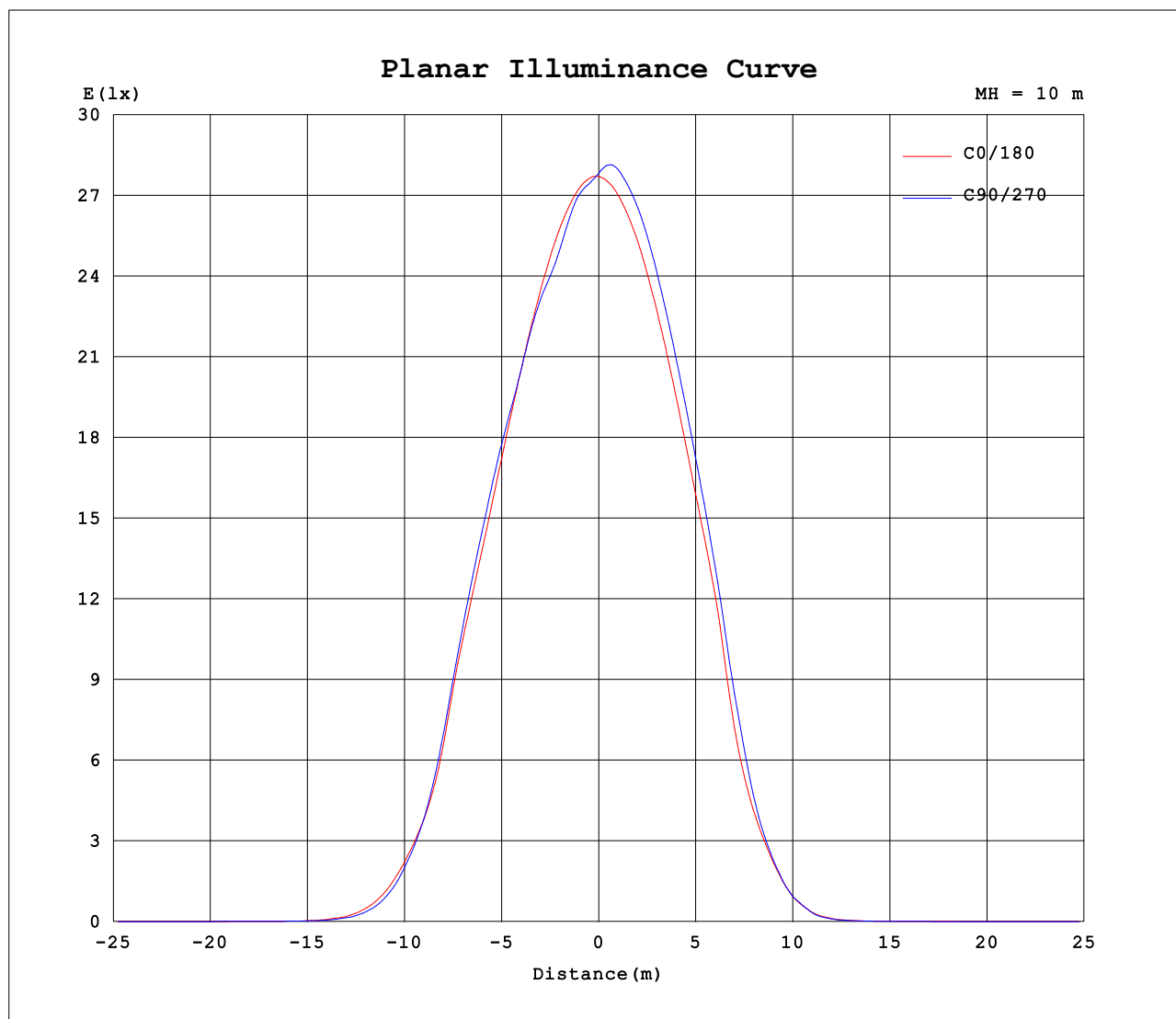
| AvgL             | cd/m2 |
|------------------|-------|
| L_0~180 (65) av  | 421   |
| L_0~180 (75) av  | 398   |
| L_0~180 (85) av  | 1138  |
| L_90~270 (65) av | 431   |
| L_90~270 (75) av | 460   |
| L_90~270 (85) av | 826   |
| L_45 (65) av     | 446   |
| L_45 (75) av     | 440   |
| L_45 (85) av     | 874   |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:  
Test Date:

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature: 25.3DEG  
Operators:  
Test Date:

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System: EVERFINE GO-2000\_V1 SYSTEM V2.0.353  
Humidity: 65.0%  
Test Distance: 10.000m [K=1.0000]  
Remarks:

# LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                                |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |                  |  |  |
|--------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|-----------------|--|--|--|--|--|------------------|--|--|
| Test:U:121.2V I:0.3030A P:36.60W PF:0.9900 Freq:60.00Hz Lamp Flux:4538.17x1 lm |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |                  |  |  |
| NAME: 4FT                                                                      |  |  |  |  |  |  |  |  | TYPE:3000K 1.9  |  |  |  |  |  | WEIGHT:          |  |  |
| SPEC.:                                                                         |  |  |  |  |  |  |  |  | DIM.:           |  |  |  |  |  | SERIAL No.:      |  |  |
| MFR.: EVERFINE                                                                 |  |  |  |  |  |  |  |  | SUR.:1.12*0.045 |  |  |  |  |  | Shielding Angle: |  |  |

Table--1

UNIT: cd

| C (DEG)<br>γ (DEG) | 0    | 5    | 10   | 15   | 20   | 25   | 30   | 35   | 40   | 45   | 50   | 55   | 60   | 65   | 70   | 75   | 80   | 85   | 90   |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0                  | 2771 | 2771 | 2772 | 2773 | 2773 | 2774 | 2775 | 2775 | 2776 | 2777 | 2777 | 2778 | 2779 | 2780 | 2780 | 2781 | 2782 | 2782 | 2783 |
| 5                  | 2771 | 2769 | 2767 | 2765 | 2764 | 2762 | 2761 | 2759 | 2758 | 2756 | 2755 | 2754 | 2753 | 2752 | 2751 | 2750 | 2749 | 2748 | 2747 |
| 10                 | 2744 | 2741 | 2739 | 2736 | 2733 | 2730 | 2727 | 2723 | 2720 | 2716 | 2710 | 2705 | 2700 | 2695 | 2690 | 2685 | 2681 | 2678 | 2675 |
| 15                 | 2694 | 2681 | 2670 | 2660 | 2651 | 2642 | 2635 | 2629 | 2624 | 2620 | 2619 | 2620 | 2620 | 2622 | 2624 | 2625 | 2627 | 2629 | 2630 |
| 20                 | 2607 | 2596 | 2586 | 2578 | 2571 | 2565 | 2560 | 2556 | 2554 | 2553 | 2557 | 2563 | 2568 | 2574 | 2581 | 2586 | 2591 | 2595 | 2598 |
| 25                 | 2466 | 2464 | 2463 | 2462 | 2462 | 2462 | 2462 | 2464 | 2465 | 2468 | 2474 | 2480 | 2486 | 2492 | 2498 | 2503 | 2507 | 2509 | 2510 |
| 30                 | 2245 | 2251 | 2257 | 2263 | 2270 | 2276 | 2282 | 2288 | 2294 | 2300 | 2310 | 2319 | 2328 | 2336 | 2343 | 2348 | 2352 | 2354 | 2354 |
| 35                 | 1908 | 1939 | 1968 | 1993 | 2015 | 2034 | 2049 | 2062 | 2071 | 2078 | 2075 | 2070 | 2063 | 2054 | 2043 | 2031 | 2018 | 2005 | 1992 |
| 40                 | 1170 | 1283 | 1382 | 1469 | 1543 | 1605 | 1653 | 1689 | 1712 | 1722 | 1686 | 1640 | 1586 | 1526 | 1464 | 1402 | 1342 | 1286 | 1238 |
| 45                 | 628  | 752  | 861  | 954  | 1033 | 1097 | 1146 | 1180 | 1200 | 1204 | 1152 | 1089 | 1017 | 939  | 859  | 779  | 702  | 631  | 570  |
| 50                 | 200  | 272  | 335  | 390  | 435  | 472  | 500  | 519  | 530  | 531  | 500  | 462  | 419  | 372  | 323  | 275  | 228  | 186  | 149  |
| 55                 | 36.0 | 69.7 | 99.5 | 125  | 147  | 164  | 178  | 188  | 193  | 195  | 182  | 165  | 146  | 126  | 104  | 83.2 | 62.8 | 44.0 | 27.6 |
| 60                 | 12.4 | 21.6 | 29.8 | 36.8 | 42.8 | 47.7 | 51.6 | 54.4 | 56.1 | 56.7 | 53.5 | 49.4 | 44.7 | 39.5 | 34.0 | 28.5 | 23.2 | 18.2 | 13.8 |
| 65                 | 9.31 | 9.92 | 10.5 | 11.0 | 11.4 | 11.8 | 12.1 | 12.3 | 12.5 | 12.7 | 12.6 | 12.6 | 12.4 | 12.3 | 12.1 | 11.9 | 11.6 | 11.4 | 11.2 |
| 70                 | 7.13 | 7.38 | 7.62 | 7.84 | 8.04 | 8.23 | 8.41 | 8.56 | 8.70 | 8.83 | 8.93 | 9.02 | 9.09 | 9.14 | 9.19 | 9.21 | 9.22 | 9.22 | 9.21 |
| 75                 | 5.27 | 5.53 | 5.77 | 5.99 | 6.20 | 6.39 | 6.56 | 6.72 | 6.86 | 6.98 | 7.08 | 7.16 | 7.23 | 7.28 | 7.31 | 7.33 | 7.34 | 7.34 | 7.32 |
| 80                 | 3.72 | 3.97 | 4.21 | 4.43 | 4.63 | 4.82 | 4.99 | 5.14 | 5.27 | 5.38 | 5.47 | 5.53 | 5.59 | 5.62 | 5.65 | 5.66 | 5.66 | 5.65 | 5.63 |
| 85                 | 7.09 | 6.60 | 6.15 | 5.73 | 5.36 | 5.02 | 4.72 | 4.47 | 4.25 | 4.07 | 4.00 | 3.97 | 4.03 | 4.07 | 4.10 | 4.12 | 4.12 | 4.19 | 4.26 |
| 90                 | 39.3 | 36.8 | 34.3 | 31.9 | 29.6 | 27.3 | 25.1 | 22.9 | 20.8 | 18.7 | 16.5 | 14.3 | 12.3 | 10.3 | 8.45 | 6.75 | 5.21 | 3.84 | 2.66 |
| 95                 | 79.7 | 78.7 | 77.4 | 75.6 | 73.5 | 71.0 | 68.0 | 64.7 | 60.9 | 56.8 | 50.5 | 43.9 | 37.2 | 30.5 | 23.9 | 17.6 | 11.8 | 6.42 | 1.76 |
| 100                | 95.9 | 96.0 | 95.6 | 94.6 | 93.0 | 90.8 | 88.0 | 84.6 | 80.7 | 76.1 | 68.4 | 60.3 | 52.0 | 43.7 | 35.6 | 27.9 | 20.7 | 14.3 | 8.82 |
| 105                | 116  | 116  | 116  | 115  | 113  | 110  | 107  | 104  | 99.2 | 94.1 | 85.4 | 76.3 | 67.0 | 57.6 | 48.5 | 39.9 | 31.9 | 24.8 | 18.8 |
| 110                | 127  | 129  | 130  | 129  | 129  | 127  | 124  | 121  | 117  | 112  | 103  | 92.9 | 82.7 | 72.6 | 62.6 | 53.1 | 44.3 | 36.4 | 29.8 |
| 115                | 153  | 153  | 152  | 150  | 148  | 145  | 141  | 137  | 131  | 126  | 116  | 105  | 94.6 | 84.0 | 73.8 | 64.1 | 55.3 | 47.6 | 41.2 |
| 120                | 173  | 172  | 169  | 166  | 163  | 159  | 154  | 149  | 143  | 136  | 126  | 115  | 105  | 94.1 | 84.0 | 74.5 | 66.0 | 58.8 | 52.9 |
| 125                | 185  | 182  | 179  | 175  | 171  | 167  | 162  | 156  | 150  | 144  | 134  | 123  | 113  | 103  | 93.2 | 84.4 | 76.7 | 70.2 | 65.1 |
| 130                | 190  | 187  | 183  | 179  | 175  | 170  | 165  | 159  | 154  | 148  | 138  | 129  | 119  | 110  | 102  | 93.8 | 87.0 | 81.6 | 77.6 |
| 135                | 191  | 187  | 183  | 179  | 175  | 170  | 165  | 160  | 155  | 149  | 141  | 132  | 124  | 116  | 109  | 103  | 97.2 | 92.9 | 90.1 |
| 140                | 188  | 184  | 180  | 176  | 172  | 168  | 164  | 159  | 154  | 150  | 143  | 136  | 129  | 122  | 116  | 111  | 107  | 104  | 102  |
| 145                | 183  | 180  | 176  | 172  | 169  | 165  | 161  | 157  | 154  | 150  | 144  | 138  | 133  | 128  | 124  | 120  | 117  | 115  | 114  |
| 150                | 176  | 173  | 170  | 167  | 164  | 161  | 158  | 155  | 153  | 150  | 146  | 141  | 137  | 134  | 131  | 128  | 126  | 125  | 125  |
| 155                | 169  | 167  | 165  | 162  | 160  | 158  | 156  | 154  | 152  | 150  | 147  | 145  | 142  | 140  | 138  | 136  | 135  | 135  | 135  |
| 160                | 163  | 161  | 160  | 159  | 157  | 156  | 155  | 154  | 152  | 151  | 150  | 148  | 147  | 145  | 144  | 144  | 143  | 143  | 144  |
| 165                | 159  | 158  | 157  | 156  | 156  | 155  | 154  | 154  | 153  | 153  | 152  | 152  | 151  | 151  | 151  | 151  | 151  | 152  | 152  |
| 170                | 157  | 157  | 156  | 156  | 156  | 156  | 155  | 155  | 155  | 155  | 155  | 155  | 155  | 155  | 156  | 156  | 156  | 157  | 158  |
| 175                | 158  | 158  | 158  | 158  | 158  | 158  | 158  | 158  | 158  | 158  | 158  | 158  | 159  | 159  | 159  | 160  | 160  | 161  | 161  |
| 180                | 158  | 158  | 158  | 158  | 158  | 158  | 158  | 158  | 158  | 158  | 158  | 158  | 158  | 158  | 158  | 158  | 158  | 158  | 158  |

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:  
Test Date:

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                                |                 |                  |
|--------------------------------------------------------------------------------|-----------------|------------------|
| Test:U:121.2V I:0.3030A P:36.60W PF:0.9900 Freq:60.00Hz Lamp Flux:4538.17x1 lm |                 |                  |
| NAME: 4FT                                                                      | TYPE:3000K 1.9  | WEIGHT:          |
| SPEC.:                                                                         | DIM.:           | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:1.12*0.045 | Shielding Angle: |

Table--2

UNIT: cd

| C (DEG)<br>γ (DEG) | 95   | 100  | 105  | 110  | 115  | 120  | 125  | 130  | 135  | 140  | 145  | 150  | 155  | 160  | 165  | 170  | 175  | 180  | 185  |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0                  | 2783 | 2784 | 2784 | 2785 | 2785 | 2785 | 2785 | 2785 | 2784 | 2783 | 2781 | 2779 | 2778 | 2776 | 2775 | 2773 | 2772 | 2771 | 2771 |
| 5                  | 2746 | 2745 | 2744 | 2743 | 2743 | 2742 | 2742 | 2741 | 2741 | 2740 | 2740 | 2740 | 2740 | 2741 | 2742 | 2743 | 2745 | 2748 | 2754 |
| 10                 | 2676 | 2678 | 2680 | 2683 | 2686 | 2690 | 2693 | 2697 | 2700 | 2699 | 2698 | 2697 | 2696 | 2696 | 2696 | 2697 | 2698 | 2701 | 2710 |
| 15                 | 2627 | 2623 | 2619 | 2615 | 2611 | 2607 | 2603 | 2600 | 2597 | 2596 | 2596 | 2597 | 2598 | 2601 | 2604 | 2609 | 2614 | 2620 | 2631 |
| 20                 | 2591 | 2582 | 2573 | 2562 | 2551 | 2540 | 2529 | 2519 | 2509 | 2502 | 2496 | 2491 | 2488 | 2486 | 2485 | 2486 | 2489 | 2493 | 2505 |
| 25                 | 2504 | 2495 | 2486 | 2475 | 2463 | 2451 | 2437 | 2423 | 2409 | 2393 | 2376 | 2360 | 2345 | 2332 | 2320 | 2310 | 2303 | 2299 | 2309 |
| 30                 | 2345 | 2335 | 2322 | 2307 | 2291 | 2273 | 2253 | 2233 | 2212 | 2184 | 2157 | 2130 | 2104 | 2079 | 2057 | 2037 | 2021 | 2009 | 2018 |
| 35                 | 1996 | 2000 | 2002 | 2002 | 2000 | 1993 | 1982 | 1965 | 1942 | 1870 | 1793 | 1713 | 1633 | 1555 | 1482 | 1415 | 1357 | 1311 | 1342 |
| 40                 | 1267 | 1304 | 1345 | 1388 | 1430 | 1469 | 1501 | 1526 | 1539 | 1459 | 1370 | 1273 | 1172 | 1071 | 972  | 880  | 797  | 728  | 759  |
| 45                 | 600  | 639  | 686  | 736  | 787  | 837  | 882  | 920  | 948  | 887  | 817  | 738  | 655  | 571  | 487  | 406  | 333  | 268  | 281  |
| 50                 | 164  | 185  | 210  | 238  | 267  | 296  | 323  | 346  | 364  | 337  | 305  | 269  | 231  | 191  | 152  | 115  | 80.0 | 49.8 | 57.4 |
| 55                 | 33.7 | 42.5 | 53.2 | 65.3 | 78.0 | 90.8 | 103  | 114  | 123  | 114  | 104  | 91.9 | 78.8 | 65.1 | 51.3 | 38.0 | 25.6 | 14.6 | 16.4 |
| 60                 | 14.7 | 16.3 | 18.4 | 20.8 | 23.4 | 26.1 | 28.7 | 31.1 | 33.1 | 31.5 | 29.5 | 27.2 | 24.6 | 21.9 | 19.1 | 16.3 | 13.6 | 11.1 | 10.4 |
| 65                 | 11.2 | 11.1 | 11.1 | 11.0 | 11.0 | 10.9 | 10.9 | 10.8 | 10.7 | 10.5 | 10.3 | 10.1 | 9.80 | 9.54 | 9.27 | 9.00 | 8.74 | 8.48 | 8.26 |
| 70                 | 9.18 | 9.15 | 9.10 | 9.03 | 8.96 | 8.86 | 8.76 | 8.63 | 8.50 | 8.30 | 8.09 | 7.87 | 7.65 | 7.42 | 7.20 | 6.97 | 6.75 | 6.55 | 6.39 |
| 75                 | 7.30 | 7.27 | 7.22 | 7.17 | 7.10 | 7.02 | 6.93 | 6.82 | 6.70 | 6.53 | 6.35 | 6.16 | 5.96 | 5.76 | 5.57 | 5.38 | 5.19 | 5.02 | 4.90 |
| 80                 | 5.62 | 5.61 | 5.59 | 5.55 | 5.51 | 5.46 | 5.39 | 5.31 | 5.22 | 5.07 | 4.91 | 4.74 | 4.57 | 4.40 | 4.23 | 4.06 | 3.90 | 3.76 | 3.68 |
| 85                 | 4.27 | 4.28 | 4.28 | 4.27 | 4.26 | 4.24 | 4.20 | 4.16 | 4.10 | 3.97 | 3.83 | 3.68 | 3.53 | 3.37 | 3.22 | 3.08 | 2.95 | 2.82 | 2.78 |
| 90                 | 2.61 | 2.67 | 2.73 | 2.79 | 2.85 | 2.89 | 2.91 | 3.11 | 3.44 | 3.28 | 3.11 | 2.93 | 2.75 | 2.58 | 2.43 | 2.32 | 2.24 | 2.21 | 2.60 |
| 95                 | 1.15 | 1.25 | 1.94 | 3.11 | 4.66 | 6.48 | 8.45 | 10.5 | 12.4 | 12.2 | 11.9 | 11.5 | 11.0 | 10.5 | 10.1 | 9.76 | 9.55 | 9.51 | 11.2 |
| 100                | 9.38 | 10.9 | 13.3 | 16.2 | 19.7 | 23.4 | 27.3 | 31.1 | 34.6 | 34.5 | 34.0 | 33.3 | 32.5 | 31.5 | 30.5 | 29.6 | 28.9 | 28.3 | 30.4 |
| 105                | 19.6 | 21.6 | 24.6 | 28.3 | 32.6 | 37.3 | 42.2 | 47.2 | 51.9 | 53.3 | 54.3 | 55.0 | 55.5 | 55.9 | 56.0 | 56.1 | 56.1 | 56.1 | 57.5 |
| 110                | 31.0 | 33.3 | 36.8 | 41.1 | 46.1 | 51.6 | 57.3 | 63.0 | 68.5 | 70.5 | 72.0 | 73.3 | 74.3 | 75.1 | 75.6 | 76.0 | 76.3 | 76.5 | 77.8 |
| 115                | 43.0 | 46.2 | 50.5 | 55.7 | 61.6 | 68.0 | 74.6 | 81.1 | 87.5 | 89.6 | 91.3 | 92.5 | 93.5 | 94.2 | 94.6 | 94.8 | 94.9 | 94.9 | 96.4 |
| 120                | 55.6 | 59.7 | 65.0 | 71.3 | 78.2 | 85.6 | 93.2 | 101  | 108  | 110  | 112  | 113  | 114  | 115  | 115  | 115  | 115  | 115  | 117  |
| 125                | 68.7 | 73.8 | 80.1 | 87.3 | 95.2 | 103  | 112  | 120  | 128  | 131  | 133  | 135  | 136  | 137  | 137  | 137  | 137  | 137  | 138  |
| 130                | 81.9 | 87.6 | 94.5 | 102  | 111  | 120  | 129  | 137  | 146  | 149  | 152  | 155  | 157  | 158  | 159  | 159  | 160  | 160  | 161  |
| 135                | 94.8 | 101  | 108  | 116  | 125  | 134  | 143  | 152  | 161  | 165  | 168  | 172  | 174  | 176  | 178  | 179  | 179  | 179  | 180  |
| 140                | 107  | 113  | 120  | 128  | 137  | 146  | 155  | 163  | 172  | 177  | 181  | 185  | 188  | 190  | 193  | 194  | 195  | 195  | 196  |
| 145                | 119  | 125  | 131  | 139  | 147  | 155  | 163  | 172  | 179  | 185  | 189  | 193  | 197  | 200  | 203  | 204  | 206  | 206  | 206  |
| 150                | 130  | 135  | 141  | 147  | 154  | 161  | 169  | 176  | 183  | 188  | 193  | 197  | 201  | 204  | 207  | 209  | 211  | 212  | 211  |
| 155                | 139  | 144  | 149  | 154  | 160  | 166  | 172  | 178  | 184  | 188  | 193  | 197  | 200  | 203  | 206  | 208  | 210  | 210  | 209  |
| 160                | 147  | 151  | 155  | 159  | 163  | 168  | 173  | 177  | 182  | 185  | 189  | 192  | 195  | 197  | 199  | 201  | 202  | 203  | 202  |
| 165                | 155  | 157  | 160  | 163  | 166  | 169  | 172  | 175  | 178  | 180  | 183  | 185  | 187  | 188  | 190  | 191  | 192  | 192  | 191  |
| 170                | 159  | 161  | 162  | 164  | 166  | 168  | 169  | 171  | 173  | 174  | 175  | 177  | 178  | 178  | 179  | 180  | 180  | 180  | 180  |
| 175                | 162  | 162  | 163  | 164  | 165  | 165  | 166  | 167  | 167  | 168  | 168  | 169  | 169  | 169  | 170  | 170  | 170  | 170  | 169  |
| 180                | 158  | 158  | 158  | 158  | 158  | 158  | 158  | 158  | 158  | 158  | 158  | 158  | 158  | 158  | 158  | 158  | 158  | 158  | 158  |

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:  
Test Date:

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:

### LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                                |  |  |  |  |  |  |  |  |                 |  |  |  |  |                  |  |  |  |  |
|--------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|-----------------|--|--|--|--|------------------|--|--|--|--|
| Test:U:121.2V I:0.3030A P:36.60W PF:0.9900 Freq:60.00Hz Lamp Flux:4538.17x1 lm |  |  |  |  |  |  |  |  |                 |  |  |  |  |                  |  |  |  |  |
| NAME: 4FT                                                                      |  |  |  |  |  |  |  |  | TYPE:3000K 1.9  |  |  |  |  | WEIGHT:          |  |  |  |  |
| SPEC.:                                                                         |  |  |  |  |  |  |  |  | DIM.:           |  |  |  |  | SERIAL No.:      |  |  |  |  |
| MFR.: EVERFINE                                                                 |  |  |  |  |  |  |  |  | SUR.:1.12*0.045 |  |  |  |  | Shielding Angle: |  |  |  |  |

Table--3

UNIT: cd

| C (DEG)<br>γ (DEG) | 190  | 195  | 200   | 205  | 210  | 215  | 220  | 225  | 230  | 235  | 240  | 245  | 250  | 255  | 260  | 265  | 270  | 275  | 280  |
|--------------------|------|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0                  | 2771 | 2771 | 2772  | 2773 | 2774 | 2775 | 2776 | 2777 | 2777 | 2778 | 2779 | 2780 | 2780 | 2781 | 2782 | 2782 | 2783 | 2783 | 2784 |
| 5                  | 2760 | 2766 | 2773  | 2780 | 2787 | 2794 | 2801 | 2808 | 2813 | 2817 | 2822 | 2825 | 2829 | 2832 | 2834 | 2836 | 2838 | 2839 | 2839 |
| 10                 | 2719 | 2729 | 2740  | 2751 | 2762 | 2773 | 2784 | 2794 | 2800 | 2806 | 2810 | 2814 | 2818 | 2820 | 2822 | 2824 | 2825 | 2826 | 2827 |
| 15                 | 2643 | 2655 | 2668  | 2682 | 2695 | 2708 | 2720 | 2732 | 2740 | 2748 | 2754 | 2760 | 2765 | 2769 | 2773 | 2776 | 2778 | 2780 | 2781 |
| 20                 | 2518 | 2532 | 2548  | 2563 | 2579 | 2595 | 2611 | 2625 | 2633 | 2641 | 2647 | 2652 | 2656 | 2660 | 2663 | 2666 | 2668 | 2672 | 2676 |
| 25                 | 2322 | 2337 | 2354  | 2372 | 2391 | 2410 | 2429 | 2447 | 2455 | 2461 | 2467 | 2472 | 2476 | 2480 | 2483 | 2485 | 2488 | 2493 | 2499 |
| 30                 | 2031 | 2048 | 2067  | 2087 | 2108 | 2130 | 2151 | 2171 | 2175 | 2178 | 2179 | 2180 | 2180 | 2179 | 2179 | 2179 | 2180 | 2191 | 2203 |
| 35                 | 1385 | 1436 | 1493  | 1554 | 1616 | 1677 | 1734 | 1784 | 1768 | 1745 | 1717 | 1685 | 1652 | 1619 | 1589 | 1562 | 1542 | 1573 | 1611 |
| 40                 | 804  | 859  | 920   | 986  | 1052 | 1116 | 1174 | 1224 | 1184 | 1136 | 1082 | 1024 | 966  | 911  | 860  | 817  | 785  | 840  | 905  |
| 45                 | 304  | 334  | 370   | 409  | 450  | 490  | 527  | 559  | 530  | 495  | 457  | 417  | 378  | 342  | 309  | 284  | 266  | 312  | 366  |
| 50                 | 69.7 | 85.6 | 104   | 124  | 145  | 164  | 183  | 198  | 183  | 166  | 146  | 126  | 105  | 86.0 | 68.7 | 54.4 | 44.1 | 64.6 | 89.1 |
| 55                 | 19.8 | 24.4 | 29.8  | 35.8 | 42.1 | 48.1 | 53.8 | 58.6 | 53.9 | 48.4 | 42.4 | 36.0 | 29.8 | 23.8 | 18.5 | 14.1 | 11.0 | 17.7 | 25.7 |
| 60                 | 9.93 | 9.68 | 9.60  | 9.66 | 9.83 | 10.1 | 10.4 | 10.7 | 10.2 | 9.83 | 9.43 | 9.07 | 8.77 | 8.55 | 8.42 | 8.41 | 8.53 | 9.62 | 10.8 |
| 65                 | 8.06 | 7.86 | 7.68  | 7.51 | 7.35 | 7.22 | 7.09 | 6.99 | 6.94 | 6.91 | 6.89 | 6.89 | 6.90 | 6.92 | 6.94 | 6.98 | 7.02 | 7.01 | 7.00 |
| 70                 | 6.25 | 6.12 | 6.00  | 5.89 | 5.80 | 5.72 | 5.65 | 5.60 | 5.58 | 5.57 | 5.58 | 5.59 | 5.61 | 5.63 | 5.66 | 5.70 | 5.73 | 5.73 | 5.74 |
| 75                 | 4.80 | 4.70 | 4.62  | 4.55 | 4.49 | 4.45 | 4.41 | 4.38 | 4.38 | 4.39 | 4.40 | 4.43 | 4.45 | 4.48 | 4.52 | 4.55 | 4.59 | 4.59 | 4.60 |
| 80                 | 3.61 | 3.55 | 3.51  | 3.48 | 3.45 | 3.44 | 3.43 | 3.43 | 3.42 | 3.42 | 3.42 | 3.43 | 3.44 | 3.46 | 3.47 | 3.49 | 3.51 | 3.53 | 3.55 |
| 85                 | 2.76 | 2.74 | 2.74  | 2.75 | 2.76 | 2.78 | 2.80 | 2.83 | 2.82 | 2.81 | 2.80 | 2.80 | 2.83 | 2.86 | 2.88 | 2.90 | 2.94 | 3.02 | 3.11 |
| 90                 | 3.02 | 3.47 | 3.92  | 4.36 | 4.76 | 5.11 | 5.39 | 5.58 | 4.49 | 3.36 | 2.27 | 1.28 | 0.94 | 0.66 | 0.40 | 0.17 | 0.36 | 3.85 | 7.75 |
| 95                 | 12.9 | 14.8 | 16.7  | 18.5 | 20.2 | 21.7 | 22.9 | 23.8 | 21.4 | 18.8 | 16.1 | 13.4 | 10.9 | 8.67 | 6.96 | 5.87 | 5.55 | 10.1 | 15.5 |
| 100                | 32.7 | 35.0 | 37.4  | 39.7 | 41.7 | 43.5 | 44.8 | 45.7 | 42.1 | 38.1 | 33.9 | 29.7 | 25.6 | 21.9 | 18.7 | 16.2 | 14.6 | 18.9 | 24.1 |
| 105                | 58.8 | 60.1 | 61.1  | 62.0 | 62.6 | 62.8 | 62.6 | 62.0 | 57.4 | 52.4 | 47.3 | 42.3 | 37.5 | 33.2 | 29.7 | 26.9 | 25.3 | 30.3 | 36.4 |
| 110                | 79.0 | 80.0 | 80.8  | 81.4 | 81.5 | 81.3 | 80.7 | 79.5 | 74.1 | 68.4 | 62.6 | 56.8 | 51.4 | 46.4 | 42.2 | 38.9 | 36.7 | 41.7 | 47.8 |
| 115                | 97.8 | 99.0 | 100.0 | 101  | 101  | 101  | 99.9 | 98.5 | 92.5 | 86.0 | 79.3 | 72.6 | 66.3 | 60.4 | 55.3 | 51.1 | 48.2 | 52.6 | 58.1 |
| 120                | 118  | 119  | 120   | 121  | 121  | 121  | 120  | 118  | 111  | 104  | 96.3 | 88.8 | 81.6 | 74.8 | 68.8 | 63.8 | 60.0 | 63.5 | 68.4 |
| 125                | 139  | 140  | 141   | 141  | 141  | 140  | 139  | 136  | 129  | 121  | 113  | 105  | 96.5 | 88.9 | 82.1 | 76.4 | 71.8 | 74.6 | 78.8 |
| 130                | 162  | 162  | 162   | 162  | 161  | 159  | 157  | 154  | 146  | 137  | 128  | 120  | 111  | 103  | 95.4 | 89.0 | 83.9 | 85.9 | 89.2 |
| 135                | 180  | 180  | 179   | 178  | 176  | 174  | 171  | 167  | 159  | 150  | 141  | 132  | 123  | 115  | 108  | 101  | 95.8 | 97.0 | 99.5 |
| 140                | 195  | 194  | 193   | 190  | 188  | 185  | 181  | 176  | 168  | 160  | 151  | 143  | 134  | 127  | 119  | 113  | 108  | 108  | 110  |
| 145                | 205  | 203  | 201   | 198  | 195  | 191  | 187  | 182  | 174  | 167  | 159  | 151  | 143  | 136  | 130  | 124  | 119  | 118  | 119  |
| 150                | 209  | 207  | 205   | 201  | 198  | 193  | 189  | 184  | 177  | 171  | 164  | 157  | 151  | 145  | 139  | 134  | 129  | 129  | 129  |
| 155                | 208  | 205  | 203   | 199  | 196  | 192  | 187  | 183  | 177  | 172  | 167  | 161  | 156  | 151  | 147  | 143  | 139  | 138  | 137  |
| 160                | 200  | 198  | 196   | 193  | 190  | 187  | 183  | 180  | 176  | 172  | 168  | 164  | 160  | 156  | 153  | 150  | 147  | 146  | 145  |
| 165                | 190  | 189  | 187   | 185  | 183  | 180  | 178  | 175  | 173  | 170  | 167  | 165  | 162  | 160  | 158  | 156  | 154  | 153  | 152  |
| 170                | 179  | 178  | 177   | 176  | 174  | 173  | 172  | 170  | 169  | 167  | 166  | 165  | 163  | 162  | 161  | 159  | 158  | 158  | 157  |
| 175                | 169  | 169  | 168   | 168  | 167  | 167  | 166  | 165  | 165  | 164  | 164  | 163  | 163  | 163  | 162  | 162  | 161  | 161  | 161  |
| 180                | 158  | 158  | 158   | 158  | 158  | 158  | 158  | 158  | 158  | 158  | 158  | 158  | 158  | 158  | 158  | 158  | 158  | 158  | 158  |

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:  
Test Date:

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                                |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |                  |  |  |
|--------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|-----------------|--|--|--|--|--|------------------|--|--|
| Test:U:121.2V I:0.3030A P:36.60W PF:0.9900 Freq:60.00Hz Lamp Flux:4538.17x1 lm |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |                  |  |  |
| NAME: 4FT                                                                      |  |  |  |  |  |  |  |  | TYPE:3000K 1.9  |  |  |  |  |  | WEIGHT:          |  |  |
| SPEC.:                                                                         |  |  |  |  |  |  |  |  | DIM.:           |  |  |  |  |  | SERIAL No.:      |  |  |
| MFR.: EVERFINE                                                                 |  |  |  |  |  |  |  |  | SUR.:1.12*0.045 |  |  |  |  |  | Shielding Angle: |  |  |

Table--4

UNIT: cd

| C (DEG)<br>γ (DEG) | 285  | 290  | 295  | 300  | 305  | 310  | 315  | 320  | 325  | 330  | 335  | 340  | 345  | 350  | 355  |  |  |  |  |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|
| 0                  | 2784 | 2785 | 2785 | 2785 | 2785 | 2785 | 2784 | 2783 | 2782 | 2781 | 2780 | 2778 | 2777 | 2775 | 2773 |  |  |  |  |
| 5                  | 2839 | 2839 | 2838 | 2836 | 2834 | 2832 | 2828 | 2824 | 2820 | 2815 | 2809 | 2802 | 2795 | 2788 | 2779 |  |  |  |  |
| 10                 | 2828 | 2828 | 2827 | 2825 | 2823 | 2820 | 2817 | 2812 | 2806 | 2799 | 2792 | 2784 | 2775 | 2766 | 2755 |  |  |  |  |
| 15                 | 2782 | 2782 | 2781 | 2780 | 2777 | 2774 | 2770 | 2765 | 2759 | 2753 | 2745 | 2736 | 2727 | 2717 | 2706 |  |  |  |  |
| 20                 | 2679 | 2681 | 2683 | 2684 | 2684 | 2684 | 2682 | 2678 | 2673 | 2667 | 2659 | 2651 | 2642 | 2631 | 2619 |  |  |  |  |
| 25                 | 2504 | 2509 | 2514 | 2517 | 2520 | 2522 | 2523 | 2521 | 2518 | 2514 | 2509 | 2503 | 2495 | 2487 | 2477 |  |  |  |  |
| 30                 | 2215 | 2227 | 2240 | 2251 | 2262 | 2272 | 2281 | 2283 | 2285 | 2284 | 2282 | 2278 | 2272 | 2264 | 2255 |  |  |  |  |
| 35                 | 1653 | 1699 | 1747 | 1796 | 1844 | 1890 | 1932 | 1950 | 1962 | 1970 | 1972 | 1970 | 1962 | 1949 | 1931 |  |  |  |  |
| 40                 | 978  | 1057 | 1138 | 1219 | 1296 | 1368 | 1432 | 1448 | 1452 | 1446 | 1428 | 1399 | 1358 | 1307 | 1244 |  |  |  |  |
| 45                 | 426  | 490  | 556  | 621  | 684  | 743  | 795  | 811  | 818  | 817  | 807  | 788  | 761  | 725  | 681  |  |  |  |  |
| 50                 | 116  | 146  | 176  | 206  | 235  | 262  | 286  | 293  | 295  | 294  | 288  | 278  | 265  | 247  | 225  |  |  |  |  |
| 55                 | 34.4 | 43.7 | 53.1 | 62.3 | 71.1 | 78.9 | 85.6 | 86.2 | 85.3 | 82.9 | 78.9 | 73.4 | 66.3 | 57.7 | 47.6 |  |  |  |  |
| 60                 | 12.1 | 13.4 | 14.7 | 15.9 | 17.1 | 18.1 | 19.0 | 19.1 | 19.0 | 18.7 | 18.1 | 17.4 | 16.5 | 15.3 | 14.0 |  |  |  |  |
| 65                 | 7.00 | 7.01 | 7.04 | 7.07 | 7.13 | 7.19 | 7.28 | 7.42 | 7.58 | 7.76 | 7.97 | 8.19 | 8.44 | 8.71 | 9.00 |  |  |  |  |
| 70                 | 5.74 | 5.75 | 5.77 | 5.79 | 5.83 | 5.87 | 5.92 | 6.00 | 6.10 | 6.21 | 6.33 | 6.46 | 6.61 | 6.77 | 6.94 |  |  |  |  |
| 75                 | 4.61 | 4.61 | 4.62 | 4.63 | 4.65 | 4.67 | 4.69 | 4.73 | 4.78 | 4.83 | 4.89 | 4.96 | 5.02 | 5.10 | 5.18 |  |  |  |  |
| 80                 | 3.57 | 3.59 | 3.61 | 3.63 | 3.65 | 3.67 | 3.68 | 3.70 | 3.70 | 3.71 | 3.72 | 3.72 | 3.72 | 3.72 | 3.72 |  |  |  |  |
| 85                 | 3.22 | 3.35 | 3.49 | 3.65 | 3.82 | 4.02 | 4.23 | 4.47 | 4.73 | 5.01 | 5.31 | 5.63 | 5.97 | 6.32 | 6.70 |  |  |  |  |
| 90                 | 12.0 | 16.4 | 20.9 | 25.4 | 29.8 | 33.9 | 37.8 | 39.7 | 41.2 | 42.2 | 42.9 | 43.0 | 42.7 | 42.0 | 40.9 |  |  |  |  |
| 95                 | 21.4 | 27.8 | 34.5 | 41.3 | 48.2 | 54.9 | 61.3 | 65.2 | 68.6 | 71.6 | 74.1 | 76.1 | 77.7 | 78.8 | 79.5 |  |  |  |  |
| 100                | 30.1 | 36.6 | 43.6 | 50.9 | 58.2 | 65.4 | 72.4 | 76.7 | 80.6 | 84.0 | 87.1 | 89.7 | 91.9 | 93.6 | 95.0 |  |  |  |  |
| 105                | 43.4 | 51.1 | 59.2 | 67.6 | 76.0 | 84.4 | 92.4 | 97.1 | 101  | 105  | 108  | 111  | 113  | 115  | 116  |  |  |  |  |
| 110                | 54.8 | 62.6 | 70.8 | 79.4 | 88.0 | 96.5 | 105  | 109  | 114  | 117  | 120  | 123  | 125  | 126  | 127  |  |  |  |  |
| 115                | 64.8 | 72.2 | 80.4 | 88.9 | 97.7 | 107  | 115  | 121  | 126  | 131  | 136  | 140  | 144  | 147  | 150  |  |  |  |  |
| 120                | 74.3 | 81.2 | 88.9 | 97.1 | 106  | 115  | 123  | 130  | 136  | 142  | 147  | 153  | 158  | 163  | 169  |  |  |  |  |
| 125                | 84.1 | 90.4 | 97.5 | 105  | 114  | 122  | 131  | 137  | 143  | 149  | 155  | 161  | 167  | 173  | 179  |  |  |  |  |
| 130                | 93.7 | 99.2 | 106  | 113  | 120  | 128  | 136  | 142  | 148  | 154  | 160  | 166  | 172  | 178  | 184  |  |  |  |  |
| 135                | 103  | 108  | 113  | 119  | 126  | 133  | 140  | 145  | 151  | 156  | 162  | 168  | 173  | 179  | 185  |  |  |  |  |
| 140                | 112  | 116  | 120  | 125  | 130  | 136  | 142  | 146  | 151  | 156  | 161  | 166  | 171  | 177  | 182  |  |  |  |  |
| 145                | 121  | 123  | 126  | 130  | 134  | 138  | 143  | 147  | 150  | 155  | 159  | 163  | 168  | 173  | 178  |  |  |  |  |
| 150                | 129  | 131  | 132  | 135  | 138  | 141  | 144  | 147  | 150  | 153  | 156  | 160  | 163  | 167  | 171  |  |  |  |  |
| 155                | 137  | 138  | 139  | 140  | 142  | 144  | 146  | 148  | 150  | 152  | 154  | 157  | 160  | 163  | 166  |  |  |  |  |
| 160                | 145  | 145  | 146  | 146  | 147  | 148  | 149  | 150  | 151  | 153  | 154  | 155  | 157  | 159  | 161  |  |  |  |  |
| 165                | 151  | 151  | 151  | 151  | 151  | 151  | 152  | 152  | 153  | 153  | 154  | 155  | 155  | 156  | 157  |  |  |  |  |
| 170                | 156  | 156  | 156  | 155  | 155  | 155  | 155  | 155  | 155  | 155  | 155  | 155  | 156  | 156  | 157  |  |  |  |  |
| 175                | 160  | 160  | 159  | 159  | 159  | 159  | 158  | 158  | 158  | 158  | 158  | 158  | 158  | 158  | 158  |  |  |  |  |
| 180                | 158  | 158  | 158  | 158  | 158  | 158  | 158  | 158  | 158  | 158  | 158  | 158  | 158  | 158  | 158  |  |  |  |  |

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:  
Test Date:

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks: