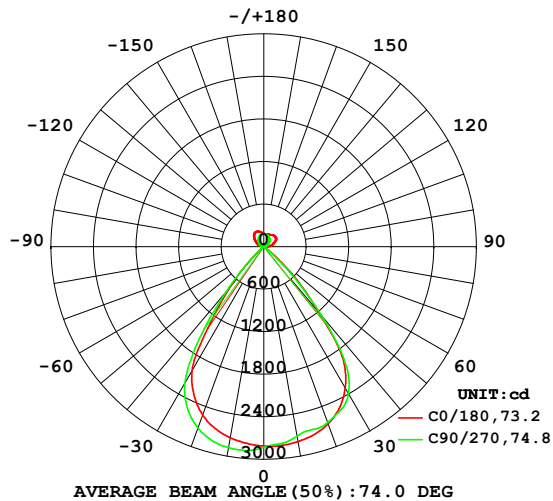


## LUMINAIRE PHOTOMETRIC TEST REPORT

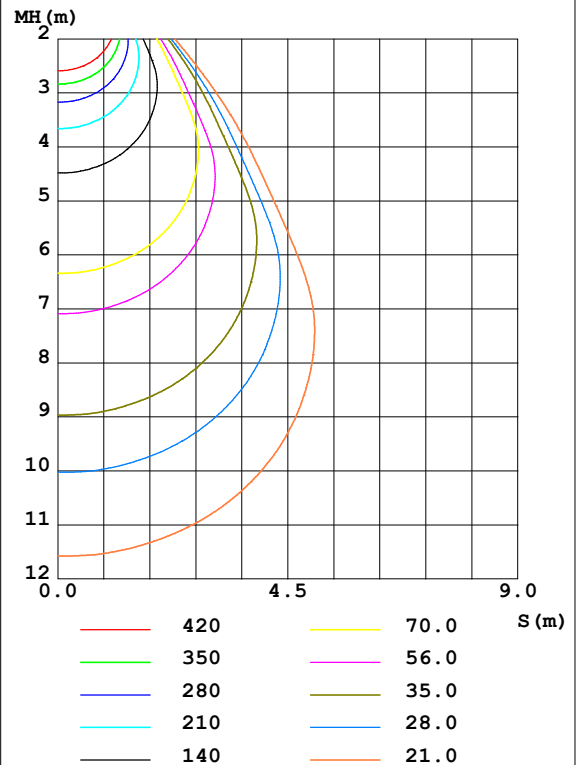
|                                                                                |                 |                  |
|--------------------------------------------------------------------------------|-----------------|------------------|
| Test:U:121.1V I:0.3020A P:36.50W PF:0.9900 Freq:60.00Hz Lamp Flux:4694.25x1 lm |                 |                  |
| NAME: 4FT                                                                      | TYPE:400K 1.9   | WEIGHT:          |
| SPEC.:                                                                         | DIM.:           | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:1.12*0.045 | Shielding Angle: |

| DATA OF LAMP     |         | PHOTOMETRIC DATA Eff: 128.61 lm/W |         |                        |          |
|------------------|---------|-----------------------------------|---------|------------------------|----------|
| MODEL            |         | Imax(cd)                          | 2892    | S/MH(C0/180)           | 1.12     |
| NOMINAL POWER(W) | 36W     | LOR(%)                            | 100.0   | S/MH(C90/270)          | 1.05     |
| RATED VOLTAGE(V) | 120.0   | TOTAL FLUX(lm)                    | 4694.3  | $\eta$ UP,DN(C0-180)   | 7.8,44.0 |
| NOMINAL FLUX(lm) | 4694.25 | CIE CLASS                         | SEMI-D. | $\eta$ UP,DN(C180-360) | 8.0,40.2 |
| LAMPS INSIDE     | 1       | $\eta$ up(%)                      | 15.8    | CIBSE SHR NOM          | 1.25     |
| TEST VOLTAGE(V)  | 120.0   | $\eta$ down(%)                    | 84.2    | 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:

$\gamma$  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:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

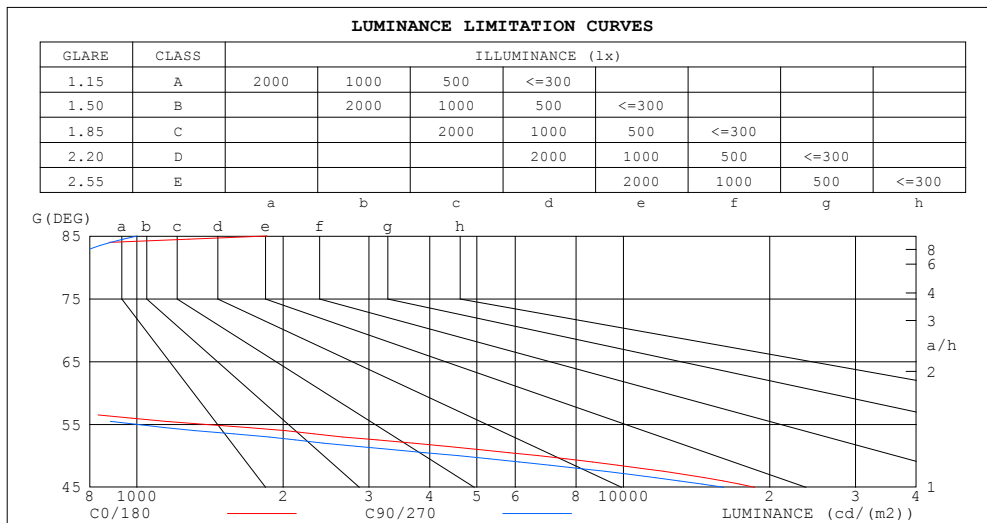
| $\gamma$ | C0                    | C45   | C90   | C135  | C180  | C225  | C270   | C315  | $\gamma$ | $\Phi$ zone | $\Phi$ total | %lum, lamp |
|----------|-----------------------|-------|-------|-------|-------|-------|--------|-------|----------|-------------|--------------|------------|
| 10       | 2791                  | 2750  | 2713  | 2733  | 2736  | 2841  | 2877   | 2870  | 0- 10    | 268.5       | 268.5        | 5.72,5.72  |
| 20       | 2657                  | 2599  | 2639  | 2543  | 2525  | 2673  | 2721   | 2733  | 10- 20   | 769.0       | 1038         | 22.1,22.1  |
| 30       | 2299                  | 2349  | 2391  | 2247  | 2025  | 2209  | 2231   | 2330  | 20- 30   | 1143        | 2180         | 46.4,46.4  |
| 40       | 1209                  | 1757  | 1265  | 1568  | 733.9 | 1241  | 804.8  | 1465  | 30- 40   | 1132        | 3312         | 70.5,70.5  |
| 50       | 214.9                 | 549.4 | 146.9 | 375.2 | 49.96 | 199.6 | 47.36  | 293.3 | 40- 50   | 536.2       | 3848         | 82,82      |
| 60       | 12.57                 | 57.46 | 14.03 | 34.05 | 11.21 | 11.04 | 8.852  | 19.40 | 50- 60   | 82.55       | 3931         | 83.7,83.7  |
| 70       | 7.279                 | 9.039 | 9.376 | 8.633 | 6.635 | 5.897 | 5.965  | 6.088 | 60- 70   | 11.01       | 3942         | 84,84      |
| 80       | 3.798                 | 5.502 | 5.736 | 5.319 | 3.898 | 3.619 | 3.665  | 3.825 | 70- 80   | 6.150       | 3948         | 84.1,84.1  |
| 90       | 44.73                 | 20.39 | 2.836 | 3.562 | 2.389 | 6.090 | 0.4127 | 41.28 | 80- 90   | 6.936       | 3955         | 84.2,84.2  |
| 100      | 107.5                 | 84.52 | 9.818 | 38.50 | 31.54 | 52.80 | 16.88  | 81.80 | 90-100   | 37.15       | 3992         | 85,85      |
| 110      | 143.8                 | 123.7 | 33.59 | 77.06 | 87.18 | 90.73 | 42.24  | 116.0 | 100-110  | 76.00       | 4068         | 86.7,86.7  |
| 120      | 196.0                 | 149.5 | 59.56 | 120.4 | 131.2 | 135.0 | 68.44  | 139.4 | 110-120  | 106.1       | 4174         | 88.9,88.9  |
| 130      | 211.8                 | 162.9 | 86.77 | 162.6 | 181.4 | 176.1 | 95.81  | 154.7 | 120-130  | 124.8       | 4299         | 91.6,91.6  |
| 140      | 210.3                 | 166.4 | 114.4 | 193.3 | 221.9 | 203.1 | 123.2  | 161.3 | 130-140  | 126.7       | 4425         | 94.3,94.3  |
| 150      | 195.7                 | 167.0 | 140.9 | 206.3 | 240.4 | 212.3 | 148.6  | 165.1 | 140-150  | 112.5       | 4538         | 96.7,96.7  |
| 160      | 182.5                 | 169.3 | 163.4 | 204.8 | 230.2 | 207.2 | 169.3  | 169.9 | 150-160  | 85.99       | 4624         | 98.5,98.5  |
| 170      | 176.9                 | 174.6 | 177.9 | 195.3 | 204.5 | 194.8 | 181.3  | 176.2 | 160-170  | 52.76       | 4677         | 99.6,99.6  |
| 180      | 179.4                 | 179.4 | 179.4 | 179.4 | 179.4 | 179.4 | 179.4  | 179.4 | 170-180  | 17.61       | 4694         | 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:121.1V I:0.3020A P:36.50W PF:0.9900 Freq:60.00Hz Lamp Flux:4694.25x1 lm |                 |                  |
| NAME: 4FT                                                                      | TYPE:400K 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                | 1854   | 1002    |
| 80                | 437    | 661     |
| 75                | 417    | 575     |
| 70                | 426    | 548     |
| 65                | 449    | 539     |
| 60                | 503    | 561     |
| 55                | 1366   | 995     |
| 50                | 6686   | 4569    |
| 45                | 18614  | 16069   |

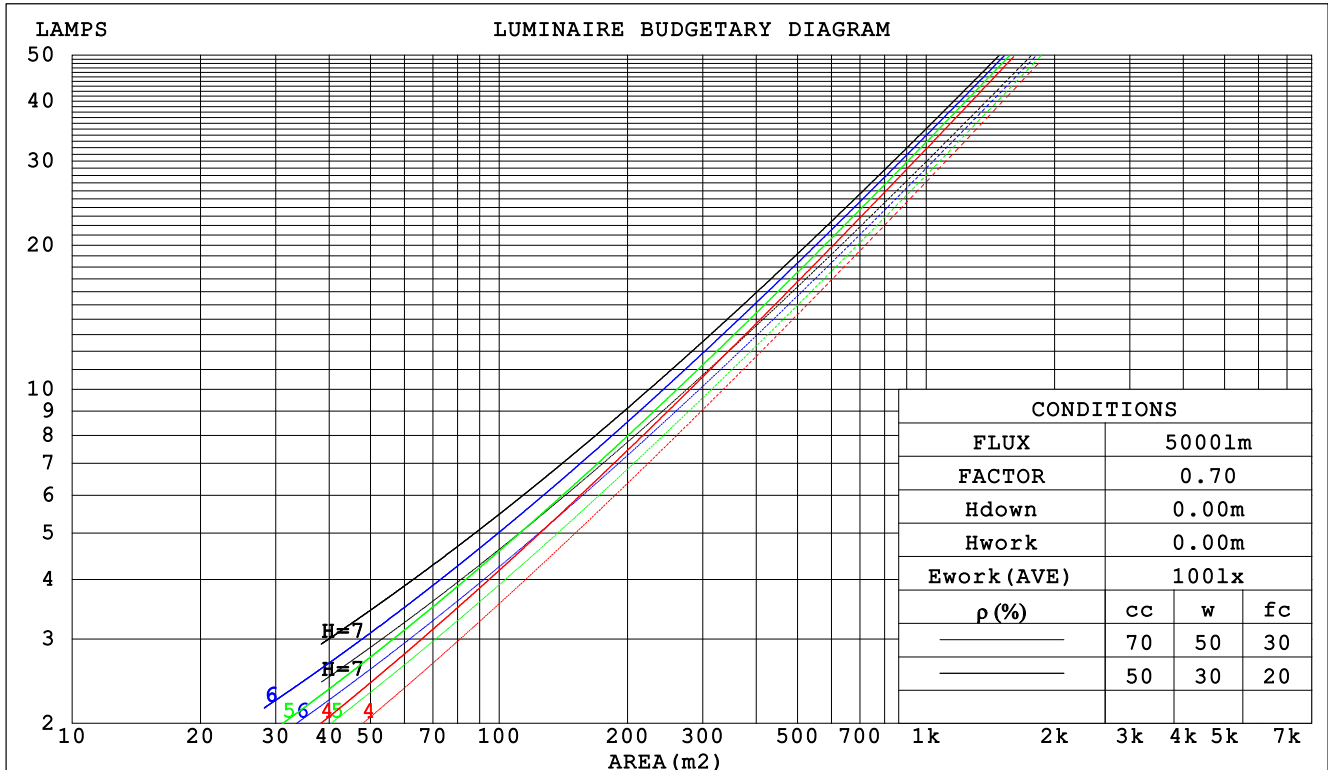
C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:  
Test Date:

$\gamma$  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:121.1V I:0.3020A P:36.50W PF:0.9900 Freq:60.00Hz Lamp Flux:4694.25x1 lm |                 |                  |
| NAME: 4FT                                                                      | TYPE:400K 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         | 1.15                  | 1.15 | 1.15 | 1.11                            | 1.11 | 1.11 | 1.02 | 1.02 | 1.02 | .95 | .95 | .95 | .88 | .88 | .88 | .84 |
| 1.0         | 1.06                  | 1.03 | 1.00 | 1.02                            | .99  | .97  | .95  | .93  | .91  | .88 | .87 | .86 | .83 | .82 | .81 | .78 |
| 2.0         | .97                   | .92  | .88  | .93                             | .89  | .86  | .88  | .84  | .81  | .82 | .80 | .77 | .77 | .75 | .74 | .71 |
| 3.0         | .88                   | .83  | .78  | .86                             | .81  | .76  | .81  | .77  | .73  | .76 | .73 | .70 | .72 | .69 | .67 | .65 |
| 4.0         | .81                   | .75  | .70  | .79                             | .73  | .69  | .75  | .70  | .66  | .71 | .67 | .64 | .67 | .64 | .61 | .59 |
| 5.0         | .75                   | .68  | .63  | .73                             | .67  | .62  | .69  | .64  | .60  | .66 | .61 | .58 | .63 | .59 | .56 | .54 |
| 6.0         | .69                   | .62  | .57  | .67                             | .61  | .56  | .64  | .59  | .55  | .61 | .57 | .53 | .58 | .55 | .52 | .50 |
| 7.0         | .64                   | .57  | .52  | .62                             | .56  | .51  | .59  | .54  | .50  | .57 | .52 | .49 | .54 | .50 | .47 | .46 |
| 8.0         | .59                   | .52  | .48  | .58                             | .52  | .47  | .55  | .50  | .46  | .53 | .48 | .45 | .51 | .47 | .44 | .42 |
| 9.0         | .55                   | .48  | .44  | .54                             | .48  | .43  | .52  | .46  | .42  | .50 | .45 | .41 | .48 | .44 | .40 | .39 |
| 10.0        | .51                   | .45  | .40  | .50                             | .44  | .40  | .48  | .43  | .39  | .46 | .42 | .38 | .45 | .41 | .38 | .36 |



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:121.1V I:0.3020A P:36.50W PF:0.9900 Freq:60.00Hz Lamp Flux:4694.25x1 lm |  |  |                 |  |  |                  |  |  |
| NAME: 4FT                                                                      |  |  | TYPE:400K 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  | .206                  | .117 | .037 | .194 | .111 | .035 | .173                            | .099 | .032 | .153 | .088 | .028 | .134 | .078 | .025 |   |  |
| 2.0  | .197                  | .108 | .033 | .187 | .103 | .032 | .168                            | .093 | .029 | .150 | .084 | .026 | .134 | .076 | .024 |   |  |
| 3.0  | .188                  | .100 | .030 | .179 | .096 | .029 | .161                            | .088 | .027 | .146 | .080 | .024 | .131 | .073 | .022 |   |  |
| 4.0  | .178                  | .093 | .027 | .170 | .089 | .026 | .155                            | .082 | .025 | .141 | .076 | .023 | .127 | .069 | .021 |   |  |
| 5.0  | .170                  | .086 | .025 | .162 | .083 | .024 | .148                            | .077 | .023 | .135 | .071 | .021 | .123 | .066 | .020 |   |  |
| 6.0  | .161                  | .081 | .023 | .155 | .078 | .022 | .142                            | .073 | .021 | .130 | .068 | .020 | .119 | .063 | .019 |   |  |
| 7.0  | .154                  | .076 | .022 | .147 | .073 | .021 | .136                            | .069 | .020 | .125 | .064 | .019 | .115 | .060 | .018 |   |  |
| 8.0  | .146                  | .071 | .020 | .141 | .069 | .020 | .130                            | .065 | .019 | .120 | .061 | .018 | .111 | .057 | .017 |   |  |
| 9.0  | .140                  | .068 | .019 | .134 | .065 | .018 | .125                            | .062 | .017 | .115 | .058 | .017 | .107 | .054 | .016 |   |  |
| 10.0 | .133                  | .064 | .018 | .129 | .062 | .017 | .119                            | .058 | .016 | .111 | .055 | .016 | .103 | .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  | .311                  | .311 | .311 | .265 | .265 | .265 | .181                                       | .181 | .181 | .104 | .104 | .104 | .033 | .033 | .033 |   |
| 1.0  | .294                  | .278 | .264 | .252 | .239 | .227 | .172                                       | .164 | .157 | .099 | .095 | .091 | .032 | .031 | .030 |   |
| 2.0  | .281                  | .254 | .231 | .241 | .219 | .200 | .165                                       | .151 | .139 | .095 | .088 | .082 | .031 | .028 | .027 |   |
| 3.0  | .271                  | .236 | .208 | .232 | .204 | .181 | .160                                       | .142 | .127 | .092 | .083 | .075 | .030 | .027 | .024 |   |
| 4.0  | .262                  | .222 | .192 | .225 | .192 | .167 | .155                                       | .134 | .117 | .090 | .078 | .069 | .029 | .026 | .023 |   |
| 5.0  | .255                  | .212 | .180 | .219 | .183 | .156 | .151                                       | .128 | .110 | .087 | .075 | .065 | .028 | .025 | .022 |   |
| 6.0  | .248                  | .203 | .171 | .213 | .176 | .148 | .147                                       | .123 | .105 | .085 | .072 | .062 | .028 | .024 | .021 |   |
| 7.0  | .242                  | .196 | .164 | .209 | .170 | .143 | .144                                       | .119 | .101 | .084 | .070 | .060 | .027 | .023 | .020 |   |
| 8.0  | .237                  | .190 | .158 | .204 | .165 | .138 | .141                                       | .116 | .098 | .082 | .068 | .058 | .027 | .022 | .019 |   |
| 9.0  | .232                  | .185 | .154 | .200 | .161 | .134 | .139                                       | .113 | .095 | .081 | .067 | .057 | .026 | .022 | .019 |   |
| 10.0 | .228                  | .181 | .150 | .196 | .157 | .131 | .136                                       | .111 | .093 | .079 | .065 | .056 | .026 | .022 | .018 |   |

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:121.1V I:0.3020A P:36.50W PF:0.9900 Freq:60.00Hz Lamp Flux:4694.25x1 lm |                  |      |      |      |                 |                |      |                  |      |      |      |
| NAME: 4FT                                                                      |                  |      |      |      | TYPE:400K 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               | 20.0 | 20.9 | 20.4 | 21.4            | 21.8           | 19.5 | 20.5             | 20.0 | 20.9 | 21.4 |
|                                                                                | 3H               | 19.7 | 20.6 | 20.2 | 21.1            | 21.6           | 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               | 19.5 | 20.3 | 20.0 | 20.7            | 21.3           | 19.1 | 19.8             | 19.6 | 20.3 | 20.9 |
|                                                                                | 8H               | 19.4 | 20.2 | 20.0 | 20.7            | 21.2           | 19.0 | 19.7             | 19.5 | 20.2 | 20.8 |
|                                                                                | 12H              | 19.4 | 20.1 | 19.9 | 20.6            | 21.2           | 18.9 | 19.6             | 19.5 | 20.2 | 20.7 |
| 4H                                                                             | 2H               | 19.6 | 20.5 | 20.1 | 20.9            | 21.4           | 19.2 | 20.0             | 19.7 | 20.5 | 21.0 |
|                                                                                | 3H               | 19.4 | 20.1 | 19.9 | 20.6            | 21.2           | 19.0 | 19.7             | 19.5 | 20.2 | 20.8 |
|                                                                                | 4H               | 19.3 | 19.9 | 19.8 | 20.4            | 21.1           | 18.8 | 19.5             | 19.4 | 20.0 | 20.6 |
|                                                                                | 6H               | 19.1 | 19.7 | 19.7 | 20.3            | 20.9           | 18.7 | 19.3             | 19.3 | 19.8 | 20.5 |
|                                                                                | 8H               | 19.1 | 19.6 | 19.7 | 20.2            | 20.9           | 18.7 | 19.2             | 19.3 | 19.8 | 20.4 |
|                                                                                | 12H              | 19.0 | 19.5 | 19.7 | 20.1            | 20.8           | 18.6 | 19.0             | 19.2 | 19.7 | 20.4 |
| 8H                                                                             | 4H               | 19.1 | 19.6 | 19.7 | 20.2            | 20.8           | 18.6 | 19.1             | 19.3 | 19.8 | 20.4 |
|                                                                                | 6H               | 18.9 | 19.3 | 19.6 | 20.0            | 20.7           | 18.5 | 18.9             | 19.2 | 19.6 | 20.3 |
|                                                                                | 8H               | 18.9 | 19.2 | 19.5 | 19.9            | 20.6           | 18.5 | 18.8             | 19.1 | 19.5 | 20.2 |
|                                                                                | 12H              | 18.8 | 19.1 | 19.5 | 19.8            | 20.6           | 18.4 | 18.7             | 19.1 | 19.4 | 20.2 |
| 12H                                                                            | 4H               | 19.0 | 19.5 | 19.6 | 20.1            | 20.8           | 18.6 | 19.0             | 19.2 | 19.7 | 20.4 |
|                                                                                | 6H               | 18.9 | 19.2 | 19.5 | 19.9            | 20.6           | 18.5 | 18.8             | 19.1 | 19.5 | 20.2 |
|                                                                                | 8H               | 18.8 | 19.1 | 19.5 | 19.8            | 20.6           | 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                                                                           | + 3.0 / -10.1    |      |      |      |                 | + 3.4 / -11.9  |      |                  |      |      |      |
| 2.0H                                                                           | + 6.3 / -14.9    |      |      |      |                 | + 6.0 / -12.3  |      |                  |      |      |      |

CIE Pub.117 Corrected 4694 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.4)

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:121.1V I:0.3020A P:36.50W PF:0.9900 Freq:60.00Hz Lamp Flux:4694.25x1 lm |                 |                  |
| NAME: 4FT                                                                      | TYPE:400K 1.9   | WEIGHT:          |
| SPEC.:                                                                         | DIM.:           | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:1.12*0.045 | Shielding Angle: |

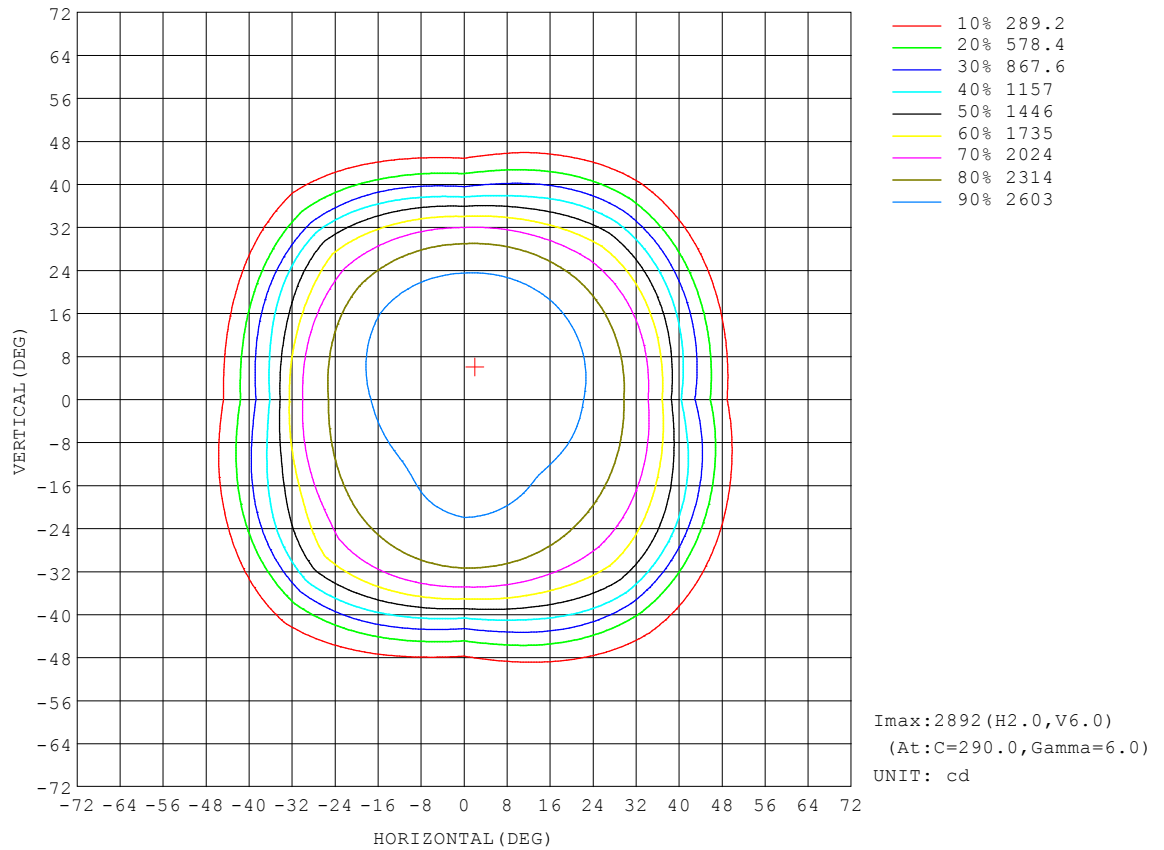
| REFLECTANCE                      |                                                     |     |           |     |     |     |     |               |     |        |
|----------------------------------|-----------------------------------------------------|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| 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) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |               |     |        |
| $k = 0.60$                       | 73                                                  | 65  | 60        | 72  | 65  | 60  | 70  | 64            | 60  | 55     |
| 0.80                             | 82                                                  | 74  | 69        | 80  | 73  | 69  | 78  | 72            | 68  | 62     |
| 1.00                             | 88                                                  | 80  | 76        | 86  | 79  | 75  | 83  | 78            | 73  | 67     |
| 1.25                             | 93                                                  | 86  | 81        | 91  | 85  | 80  | 87  | 82            | 78  | 71     |
| 1.50                             | 96                                                  | 90  | 85        | 94  | 88  | 84  | 90  | 85            | 82  | 74     |
| 2.00                             | 100                                                 | 95  | 91        | 98  | 93  | 89  | 93  | 89            | 86  | 77     |
| 2.50                             | 103                                                 | 98  | 94        | 100 | 95  | 92  | 94  | 91            | 88  | 78     |
| 3.00                             | 105                                                 | 100 | 97        | 102 | 98  | 94  | 96  | 93            | 90  | 79     |
| 4.00                             | 107                                                 | 104 | 100       | 104 | 101 | 98  | 97  | 95            | 93  | 81     |
| 5.00                             | 109                                                 | 106 | 103       | 105 | 102 | 100 | 98  | 96            | 95  | 81     |
| 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:121.1V I:0.3020A P:36.50W PF:0.9900 Freq:60.00Hz Lamp Flux:4694.25x1 lm |                 |                  |
| NAME: 4FT                                                                      | TYPE:400K 1.9   | WEIGHT:          |
| SPEC.:                                                                         | DIM.:           | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:1.12*0.045 | Shielding Angle: |

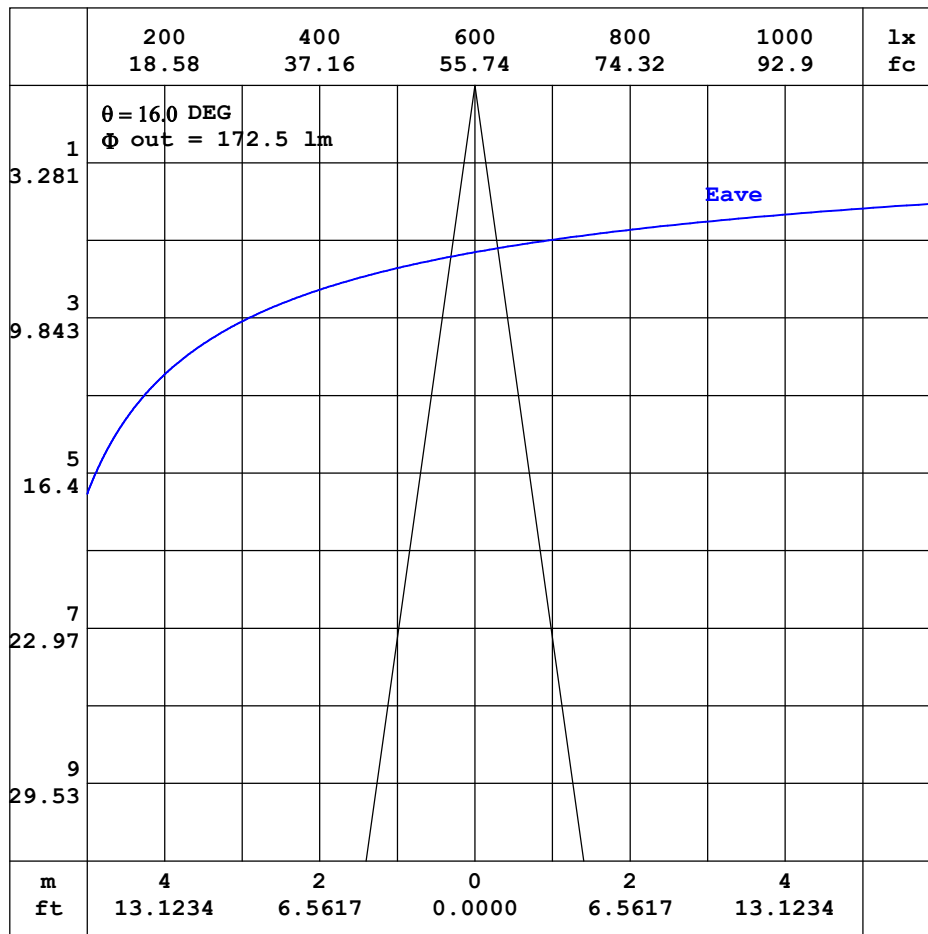


C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:  
Test Date:

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:

### AAI CURVES

|                                                                                |                 |                  |
|--------------------------------------------------------------------------------|-----------------|------------------|
| Test:U:121.1V I:0.3020A P:36.50W PF:0.9900 Freq:60.00Hz Lamp Flux:4694.25x1 lm |                 |                  |
| NAME: 4FT                                                                      | TYPE:400K 1.9   | WEIGHT:          |
| SPEC.:                                                                         | DIM.:           | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:1.12*0.045 | Shielding Angle: |



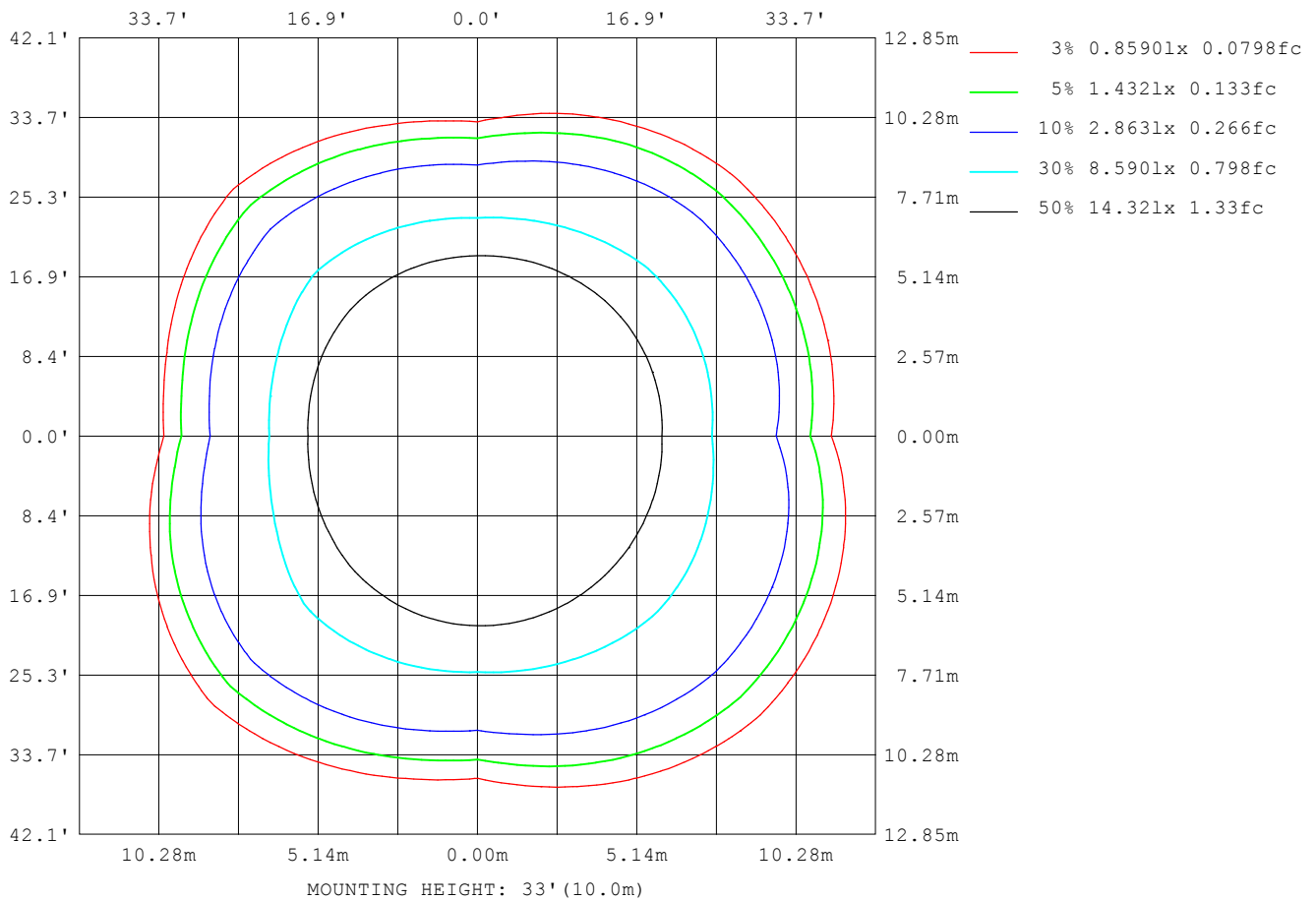
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:121.1V I:0.3020A P:36.50W PF:0.9900 Freq:60.00Hz Lamp Flux:4694.25x1 lm |                 |                  |
| NAME: 4FT                                                                      | TYPE:400K 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:

### LED Avg.L Report

|                                                                                |                 |                  |
|--------------------------------------------------------------------------------|-----------------|------------------|
| Test:U:121.1V I:0.3020A P:36.50W PF:0.9900 Freq:60.00Hz Lamp Flux:4694.25x1 lm |                 |                  |
| NAME: 4FT                                                                      | TYPE:400K 1.9   | WEIGHT:          |
| SPEC.:                                                                         | DIM.:           | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:1.12*0.045 | Shielding Angle: |

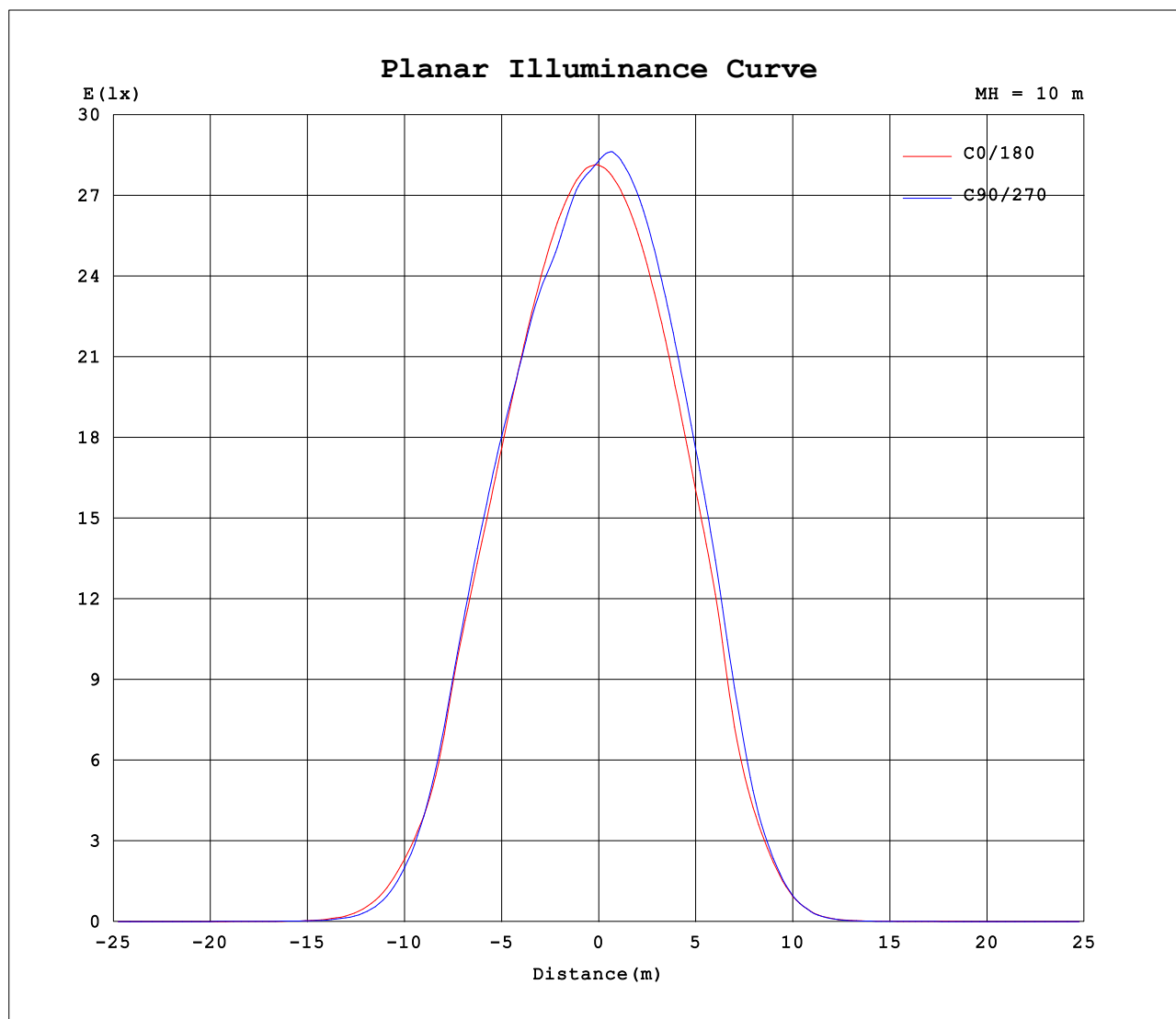
| AvgL             | cd/m2 |
|------------------|-------|
| L_0~180 (65) av  | 428   |
| L_0~180 (75) av  | 407   |
| L_0~180 (85) av  | 1270  |
| L_90~270 (65) av | 442   |
| L_90~270 (75) av | 472   |
| L_90~270 (85) av | 854   |
| L_45 (65) av     | 458   |
| L_45 (75) av     | 452   |
| L_45 (85) av     | 920   |

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:121.1V I:0.3020A P:36.50W PF:0.9900 Freq:60.00Hz Lamp Flux:4694.25x1 lm |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |                  |  |  |
| NAME: 4FT                                                                      |  |  |  |  |  |  |  |  | TYPE:400K 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                  | 2812 | 2813 | 2813 | 2814 | 2815 | 2816 | 2816 | 2817 | 2818 | 2819 | 2820 | 2821 | 2822 | 2824 | 2825 | 2826 | 2827 | 2828 | 2829 |
| 5                  | 2815 | 2812 | 2810 | 2807 | 2805 | 2803 | 2801 | 2799 | 2797 | 2796 | 2794 | 2793 | 2792 | 2791 | 2790 | 2789 | 2788 | 2788 | 2787 |
| 10                 | 2791 | 2786 | 2782 | 2777 | 2772 | 2768 | 2763 | 2759 | 2754 | 2750 | 2745 | 2740 | 2735 | 2730 | 2726 | 2722 | 2718 | 2715 | 2713 |
| 15                 | 2745 | 2731 | 2719 | 2707 | 2697 | 2688 | 2680 | 2673 | 2667 | 2662 | 2662 | 2661 | 2662 | 2663 | 2665 | 2667 | 2668 | 2670 | 2671 |
| 20                 | 2657 | 2646 | 2636 | 2627 | 2619 | 2613 | 2607 | 2603 | 2601 | 2599 | 2603 | 2608 | 2613 | 2619 | 2624 | 2629 | 2634 | 2637 | 2639 |
| 25                 | 2519 | 2516 | 2514 | 2513 | 2512 | 2512 | 2512 | 2512 | 2513 | 2515 | 2521 | 2526 | 2532 | 2538 | 2543 | 2547 | 2550 | 2552 | 2553 |
| 30                 | 2299 | 2305 | 2311 | 2317 | 2322 | 2328 | 2333 | 2339 | 2344 | 2349 | 2357 | 2365 | 2373 | 2379 | 2385 | 2389 | 2391 | 2392 | 2391 |
| 35                 | 1959 | 1990 | 2017 | 2041 | 2061 | 2079 | 2093 | 2104 | 2112 | 2116 | 2111 | 2104 | 2094 | 2082 | 2069 | 2055 | 2040 | 2025 | 2011 |
| 40                 | 1209 | 1322 | 1421 | 1507 | 1581 | 1642 | 1690 | 1725 | 1747 | 1757 | 1720 | 1673 | 1618 | 1558 | 1495 | 1431 | 1370 | 1314 | 1265 |
| 45                 | 658  | 783  | 893  | 987  | 1066 | 1130 | 1179 | 1212 | 1230 | 1233 | 1178 | 1111 | 1036 | 954  | 870  | 786  | 705  | 632  | 568  |
| 50                 | 215  | 288  | 353  | 408  | 455  | 492  | 520  | 539  | 549  | 549  | 516  | 475  | 430  | 380  | 329  | 278  | 230  | 185  | 147  |
| 55                 | 39.2 | 73.4 | 104  | 130  | 152  | 169  | 183  | 193  | 198  | 200  | 186  | 169  | 150  | 128  | 107  | 84.9 | 64.1 | 45.0 | 28.5 |
| 60                 | 12.6 | 21.9 | 30.2 | 37.3 | 43.4 | 48.4 | 52.3 | 55.1 | 56.8 | 57.5 | 54.2 | 50.1 | 45.3 | 40.0 | 34.5 | 29.0 | 23.5 | 18.5 | 14.0 |
| 65                 | 9.49 | 10.1 | 10.7 | 11.2 | 11.7 | 12.1 | 12.4 | 12.6 | 12.9 | 13.0 | 12.9 | 12.9 | 12.7 | 12.5 | 12.3 | 12.1 | 11.9 | 11.6 | 11.4 |
| 70                 | 7.28 | 7.54 | 7.79 | 8.02 | 8.24 | 8.43 | 8.61 | 8.77 | 8.91 | 9.04 | 9.14 | 9.23 | 9.29 | 9.34 | 9.38 | 9.40 | 9.41 | 9.40 | 9.38 |
| 75                 | 5.40 | 5.66 | 5.91 | 6.13 | 6.34 | 6.53 | 6.71 | 6.86 | 7.00 | 7.12 | 7.22 | 7.30 | 7.36 | 7.41 | 7.44 | 7.46 | 7.46 | 7.46 | 7.44 |
| 80                 | 3.80 | 4.06 | 4.30 | 4.53 | 4.74 | 4.93 | 5.10 | 5.25 | 5.39 | 5.50 | 5.59 | 5.65 | 5.70 | 5.74 | 5.76 | 5.77 | 5.77 | 5.76 | 5.74 |
| 85                 | 8.08 | 7.45 | 6.86 | 6.33 | 5.84 | 5.41 | 5.02 | 4.69 | 4.41 | 4.18 | 4.08 | 4.06 | 4.11 | 4.15 | 4.18 | 4.20 | 4.20 | 4.28 | 4.37 |
| 90                 | 44.7 | 41.7 | 38.7 | 35.9 | 33.1 | 30.4 | 27.7 | 25.2 | 22.8 | 20.4 | 17.9 | 15.5 | 13.2 | 11.1 | 9.06 | 7.22 | 5.56 | 4.09 | 2.84 |
| 95                 | 89.4 | 88.0 | 86.2 | 84.0 | 81.4 | 78.4 | 75.0 | 71.1 | 66.9 | 62.2 | 55.2 | 48.0 | 40.6 | 33.3 | 26.1 | 19.2 | 12.8 | 7.01 | 1.94 |
| 100                | 107  | 108  | 107  | 106  | 104  | 101  | 97.9 | 94.1 | 89.6 | 84.5 | 75.9 | 66.9 | 57.7 | 48.5 | 39.5 | 30.9 | 22.9 | 15.8 | 9.82 |
| 105                | 129  | 129  | 129  | 127  | 125  | 123  | 119  | 115  | 110  | 104  | 94.8 | 84.6 | 74.3 | 63.9 | 53.8 | 44.2 | 35.4 | 27.6 | 21.0 |
| 110                | 144  | 145  | 145  | 145  | 144  | 141  | 138  | 134  | 129  | 124  | 113  | 103  | 91.4 | 80.2 | 69.3 | 58.8 | 49.2 | 40.7 | 33.6 |
| 115                | 176  | 174  | 172  | 169  | 166  | 162  | 157  | 151  | 145  | 138  | 127  | 116  | 104  | 92.4 | 81.3 | 70.9 | 61.4 | 53.2 | 46.4 |
| 120                | 196  | 193  | 189  | 185  | 181  | 176  | 170  | 164  | 157  | 150  | 138  | 126  | 115  | 103  | 92.5 | 82.4 | 73.4 | 65.7 | 59.6 |
| 125                | 208  | 204  | 200  | 195  | 190  | 184  | 178  | 172  | 165  | 158  | 147  | 135  | 124  | 113  | 103  | 93.5 | 85.2 | 78.3 | 73.1 |
| 130                | 212  | 208  | 203  | 199  | 193  | 188  | 182  | 176  | 170  | 163  | 153  | 142  | 132  | 122  | 113  | 104  | 96.9 | 91.0 | 86.8 |
| 135                | 212  | 207  | 203  | 198  | 193  | 188  | 183  | 177  | 171  | 165  | 156  | 147  | 138  | 129  | 121  | 114  | 108  | 104  | 101  |
| 140                | 210  | 206  | 201  | 197  | 192  | 187  | 182  | 177  | 172  | 166  | 158  | 151  | 143  | 136  | 130  | 124  | 120  | 116  | 114  |
| 145                | 205  | 201  | 196  | 192  | 188  | 184  | 179  | 175  | 171  | 167  | 160  | 154  | 148  | 143  | 138  | 134  | 131  | 129  | 128  |
| 150                | 196  | 192  | 189  | 186  | 183  | 179  | 176  | 173  | 170  | 167  | 162  | 158  | 154  | 150  | 146  | 144  | 142  | 141  | 141  |
| 155                | 189  | 187  | 184  | 181  | 179  | 176  | 174  | 172  | 170  | 168  | 165  | 162  | 159  | 157  | 155  | 154  | 153  | 153  | 154  |
| 160                | 183  | 181  | 179  | 177  | 176  | 174  | 173  | 172  | 170  | 169  | 168  | 166  | 165  | 163  | 163  | 162  | 162  | 162  | 163  |
| 165                | 178  | 177  | 176  | 175  | 174  | 174  | 173  | 172  | 172  | 172  | 171  | 170  | 170  | 169  | 169  | 169  | 170  | 171  | 172  |
| 170                | 177  | 176  | 176  | 176  | 175  | 175  | 175  | 175  | 175  | 175  | 175  | 175  | 175  | 175  | 175  | 176  | 176  | 177  | 178  |
| 175                | 179  | 178  | 178  | 178  | 178  | 178  | 178  | 178  | 178  | 178  | 179  | 179  | 179  | 180  | 180  | 180  | 181  | 181  | 182  |
| 180                | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 179  |

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:121.1V I:0.3020A P:36.50W PF:0.9900 Freq:60.00Hz Lamp Flux:4694.25x1 lm |                 |                  |
| NAME: 4FT                                                                      | TYPE:400K 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                  | 2830 | 2831 | 2832 | 2832 | 2833 | 2833 | 2833 | 2833 | 2832 | 2830 | 2828 | 2826 | 2823 | 2821 | 2818 | 2816 | 2814 | 2812 | 2812 |
| 5                  | 2787 | 2786 | 2786 | 2785 | 2785 | 2785 | 2784 | 2784 | 2784 | 2783 | 2781 | 2780 | 2780 | 2779 | 2779 | 2780 | 2782 | 2784 | 2790 |
| 10                 | 2714 | 2715 | 2717 | 2720 | 2722 | 2725 | 2728 | 2731 | 2733 | 2732 | 2731 | 2730 | 2729 | 2729 | 2730 | 2731 | 2733 | 2736 | 2746 |
| 15                 | 2667 | 2662 | 2657 | 2651 | 2646 | 2641 | 2636 | 2632 | 2629 | 2628 | 2628 | 2628 | 2630 | 2633 | 2636 | 2641 | 2647 | 2654 | 2666 |
| 20                 | 2631 | 2622 | 2612 | 2600 | 2589 | 2577 | 2565 | 2554 | 2543 | 2536 | 2529 | 2524 | 2520 | 2518 | 2517 | 2518 | 2521 | 2525 | 2538 |
| 25                 | 2545 | 2536 | 2526 | 2514 | 2502 | 2488 | 2474 | 2459 | 2444 | 2426 | 2408 | 2391 | 2375 | 2360 | 2347 | 2337 | 2329 | 2325 | 2337 |
| 30                 | 2382 | 2371 | 2358 | 2343 | 2327 | 2309 | 2289 | 2269 | 2247 | 2217 | 2187 | 2158 | 2129 | 2103 | 2078 | 2057 | 2039 | 2025 | 2036 |
| 35                 | 2017 | 2023 | 2027 | 2030 | 2030 | 2026 | 2017 | 2002 | 1980 | 1905 | 1824 | 1741 | 1657 | 1575 | 1498 | 1427 | 1366 | 1317 | 1350 |
| 40                 | 1295 | 1332 | 1373 | 1416 | 1459 | 1498 | 1531 | 1555 | 1568 | 1486 | 1393 | 1294 | 1190 | 1086 | 985  | 891  | 806  | 734  | 766  |
| 45                 | 598  | 639  | 686  | 738  | 791  | 843  | 890  | 929  | 958  | 897  | 826  | 746  | 662  | 576  | 491  | 410  | 335  | 269  | 282  |
| 50                 | 163  | 185  | 211  | 241  | 272  | 302  | 331  | 356  | 375  | 348  | 315  | 278  | 238  | 197  | 156  | 117  | 81.5 | 50.0 | 57.3 |
| 55                 | 35.8 | 45.9 | 57.9 | 71.4 | 85.5 | 99.5 | 113  | 125  | 135  | 125  | 114  | 101  | 86.0 | 70.9 | 55.7 | 40.9 | 27.1 | 14.8 | 16.4 |
| 60                 | 15.1 | 16.7 | 18.9 | 21.4 | 24.1 | 26.9 | 29.6 | 32.0 | 34.1 | 32.4 | 30.4 | 28.0 | 25.3 | 22.5 | 19.5 | 16.6 | 13.8 | 11.2 | 10.5 |
| 65                 | 11.3 | 11.3 | 11.3 | 11.2 | 11.2 | 11.1 | 11.1 | 11.0 | 10.9 | 10.7 | 10.5 | 10.2 | 9.95 | 9.68 | 9.41 | 9.14 | 8.87 | 8.61 | 8.42 |
| 70                 | 9.35 | 9.31 | 9.26 | 9.19 | 9.11 | 9.01 | 8.90 | 8.77 | 8.63 | 8.43 | 8.21 | 7.98 | 7.75 | 7.52 | 7.29 | 7.06 | 6.84 | 6.64 | 6.50 |
| 75                 | 7.42 | 7.39 | 7.34 | 7.29 | 7.22 | 7.14 | 7.05 | 6.95 | 6.83 | 6.65 | 6.47 | 6.27 | 6.08 | 5.88 | 5.68 | 5.49 | 5.31 | 5.14 | 5.03 |
| 80                 | 5.73 | 5.71 | 5.69 | 5.65 | 5.61 | 5.55 | 5.49 | 5.41 | 5.32 | 5.17 | 5.01 | 4.85 | 4.68 | 4.52 | 4.35 | 4.19 | 4.04 | 3.90 | 3.83 |
| 85                 | 4.38 | 4.39 | 4.40 | 4.39 | 4.38 | 4.36 | 4.33 | 4.28 | 4.23 | 4.10 | 3.97 | 3.82 | 3.67 | 3.53 | 3.38 | 3.24 | 3.11 | 2.99 | 2.94 |
| 90                 | 2.76 | 2.82 | 2.87 | 2.92 | 2.96 | 2.99 | 3.01 | 3.21 | 3.56 | 3.40 | 3.23 | 3.05 | 2.87 | 2.71 | 2.57 | 2.47 | 2.40 | 2.39 | 2.82 |
| 95                 | 1.23 | 1.29 | 2.01 | 3.25 | 4.91 | 6.86 | 8.99 | 11.2 | 13.3 | 13.1 | 12.7 | 12.3 | 11.8 | 11.3 | 10.9 | 10.6 | 10.4 | 10.5 | 12.4 |
| 100                | 10.4 | 12.2 | 14.8 | 18.1 | 21.9 | 26.0 | 30.3 | 34.5 | 38.5 | 38.3 | 37.8 | 37.0 | 36.0 | 34.9 | 33.9 | 32.9 | 32.1 | 31.5 | 34.1 |
| 105                | 22.0 | 24.3 | 27.7 | 31.9 | 36.8 | 42.1 | 47.7 | 53.3 | 58.6 | 60.1 | 61.3 | 62.1 | 62.7 | 63.1 | 63.3 | 63.4 | 63.4 | 63.5 | 65.1 |
| 110                | 34.9 | 37.6 | 41.5 | 46.3 | 51.9 | 58.0 | 64.4 | 70.8 | 77.1 | 79.3 | 81.2 | 82.8 | 84.1 | 85.1 | 85.9 | 86.4 | 86.9 | 87.2 | 88.7 |
| 115                | 48.5 | 52.0 | 56.9 | 62.7 | 69.3 | 76.4 | 83.7 | 91.1 | 98.1 | 101  | 103  | 104  | 106  | 107  | 107  | 108  | 108  | 108  | 110  |
| 120                | 62.5 | 67.1 | 73.0 | 79.9 | 87.6 | 95.8 | 104  | 112  | 120  | 123  | 126  | 127  | 129  | 130  | 130  | 131  | 131  | 131  | 133  |
| 125                | 77.0 | 82.5 | 89.4 | 97.3 | 106  | 115  | 124  | 134  | 143  | 146  | 149  | 151  | 153  | 155  | 156  | 156  | 157  | 157  | 159  |
| 130                | 91.5 | 97.8 | 105  | 114  | 123  | 133  | 143  | 153  | 163  | 167  | 171  | 174  | 176  | 178  | 179  | 181  | 181  | 181  | 183  |
| 135                | 106  | 113  | 121  | 130  | 140  | 150  | 160  | 170  | 180  | 185  | 189  | 193  | 196  | 199  | 201  | 202  | 203  | 204  | 205  |
| 140                | 120  | 127  | 135  | 144  | 154  | 164  | 174  | 184  | 193  | 199  | 204  | 208  | 212  | 215  | 218  | 220  | 221  | 222  | 222  |
| 145                | 134  | 140  | 148  | 156  | 165  | 174  | 184  | 193  | 202  | 208  | 213  | 218  | 223  | 226  | 229  | 232  | 233  | 234  | 234  |
| 150                | 146  | 152  | 159  | 166  | 174  | 182  | 190  | 198  | 206  | 212  | 218  | 223  | 227  | 231  | 234  | 237  | 239  | 240  | 240  |
| 155                | 158  | 163  | 168  | 174  | 181  | 187  | 194  | 201  | 207  | 212  | 217  | 222  | 226  | 230  | 233  | 235  | 237  | 239  | 238  |
| 160                | 167  | 171  | 175  | 180  | 185  | 190  | 195  | 200  | 205  | 209  | 213  | 217  | 220  | 223  | 226  | 228  | 229  | 230  | 229  |
| 165                | 174  | 177  | 180  | 183  | 187  | 190  | 194  | 197  | 201  | 203  | 206  | 209  | 211  | 213  | 215  | 216  | 217  | 218  | 217  |
| 170                | 179  | 181  | 183  | 185  | 187  | 189  | 191  | 193  | 195  | 197  | 198  | 200  | 201  | 202  | 203  | 204  | 204  | 204  | 204  |
| 175                | 183  | 184  | 185  | 186  | 186  | 187  | 188  | 189  | 190  | 190  | 191  | 191  | 192  | 192  | 192  | 192  | 192  | 192  | 192  |
| 180                | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 179  |

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:121.1V I:0.3020A P:36.50W PF:0.9900 Freq:60.00Hz Lamp Flux:4694.25x1 lm |  |  |  |  |  |  |  |  |                 |  |  |  |  |                  |  |  |  |  |
| NAME: 4FT                                                                      |  |  |  |  |  |  |  |  | TYPE:400K 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                  | 2812 | 2813 | 2813 | 2814 | 2815 | 2816 | 2818 | 2819 | 2820 | 2821 | 2822 | 2824 | 2825 | 2826 | 2827 | 2828 | 2829 | 2830 | 2831 |
| 5                  | 2797 | 2804 | 2812 | 2820 | 2829 | 2837 | 2845 | 2853 | 2858 | 2863 | 2868 | 2872 | 2876 | 2879 | 2882 | 2884 | 2886 | 2888 | 2889 |
| 10                 | 2757 | 2768 | 2780 | 2793 | 2805 | 2818 | 2830 | 2841 | 2848 | 2854 | 2860 | 2864 | 2868 | 2871 | 2873 | 2875 | 2877 | 2878 | 2880 |
| 15                 | 2679 | 2693 | 2707 | 2722 | 2737 | 2751 | 2765 | 2779 | 2788 | 2796 | 2804 | 2810 | 2816 | 2821 | 2825 | 2829 | 2831 | 2834 | 2836 |
| 20                 | 2553 | 2569 | 2586 | 2604 | 2622 | 2639 | 2656 | 2673 | 2682 | 2690 | 2697 | 2703 | 2708 | 2712 | 2716 | 2719 | 2721 | 2725 | 2729 |
| 25                 | 2351 | 2369 | 2388 | 2408 | 2429 | 2451 | 2472 | 2492 | 2500 | 2508 | 2514 | 2519 | 2523 | 2526 | 2529 | 2532 | 2534 | 2541 | 2547 |
| 30                 | 2051 | 2070 | 2091 | 2114 | 2138 | 2162 | 2186 | 2209 | 2215 | 2219 | 2222 | 2224 | 2226 | 2227 | 2228 | 2229 | 2231 | 2242 | 2253 |
| 35                 | 1394 | 1448 | 1508 | 1571 | 1637 | 1701 | 1761 | 1815 | 1800 | 1778 | 1751 | 1721 | 1688 | 1657 | 1627 | 1601 | 1581 | 1613 | 1651 |
| 40                 | 811  | 867  | 930  | 997  | 1064 | 1130 | 1190 | 1241 | 1202 | 1154 | 1100 | 1043 | 985  | 929  | 879  | 836  | 805  | 861  | 928  |
| 45                 | 305  | 336  | 372  | 412  | 454  | 494  | 532  | 564  | 535  | 501  | 463  | 423  | 385  | 348  | 317  | 291  | 274  | 322  | 378  |
| 50                 | 69.5 | 85.4 | 104  | 124  | 145  | 165  | 184  | 200  | 185  | 167  | 148  | 128  | 107  | 88.4 | 71.4 | 57.4 | 47.4 | 68.2 | 93.0 |
| 55                 | 19.7 | 24.2 | 29.8 | 36.0 | 42.5 | 48.8 | 54.7 | 59.8 | 55.1 | 49.5 | 43.4 | 37.0 | 30.6 | 24.6 | 19.2 | 14.7 | 11.4 | 18.0 | 25.9 |
| 60                 | 10.1 | 9.86 | 9.81 | 9.90 | 10.1 | 10.4 | 10.7 | 11.0 | 10.6 | 10.2 | 9.81 | 9.44 | 9.13 | 8.89 | 8.76 | 8.74 | 8.85 | 9.95 | 11.2 |
| 65                 | 8.23 | 8.06 | 7.91 | 7.77 | 7.64 | 7.52 | 7.42 | 7.34 | 7.29 | 7.26 | 7.24 | 7.23 | 7.23 | 7.24 | 7.25 | 7.27 | 7.30 | 7.28 | 7.26 |
| 70                 | 6.38 | 6.27 | 6.18 | 6.10 | 6.03 | 5.98 | 5.93 | 5.90 | 5.88 | 5.87 | 5.87 | 5.87 | 5.88 | 5.90 | 5.92 | 5.94 | 5.96 | 5.96 | 5.95 |
| 75                 | 4.94 | 4.86 | 4.79 | 4.73 | 4.69 | 4.65 | 4.63 | 4.61 | 4.61 | 4.62 | 4.63 | 4.65 | 4.67 | 4.69 | 4.72 | 4.75 | 4.77 | 4.77 | 4.77 |
| 80                 | 3.77 | 3.72 | 3.68 | 3.65 | 3.64 | 3.62 | 3.62 | 3.62 | 3.61 | 3.61 | 3.61 | 3.61 | 3.62 | 3.63 | 3.64 | 3.65 | 3.66 | 3.68 | 3.70 |
| 85                 | 2.92 | 2.90 | 2.89 | 2.90 | 2.91 | 2.93 | 2.95 | 2.97 | 2.95 | 2.94 | 2.93 | 2.92 | 2.94 | 2.97 | 3.00 | 3.02 | 3.08 | 3.17 | 3.29 |
| 90                 | 3.29 | 3.78 | 4.28 | 4.76 | 5.19 | 5.58 | 5.88 | 6.09 | 4.90 | 3.67 | 2.48 | 1.40 | 0.97 | 0.67 | 0.41 | 0.18 | 0.41 | 4.19 | 8.43 |
| 95                 | 14.5 | 16.7 | 18.9 | 21.0 | 22.9 | 24.7 | 26.1 | 27.2 | 24.5 | 21.5 | 18.4 | 15.4 | 12.5 | 10.0 | 8.05 | 6.79 | 6.40 | 11.6 | 17.6 |
| 100                | 36.8 | 39.7 | 42.6 | 45.3 | 47.8 | 50.0 | 51.7 | 52.8 | 48.7 | 44.2 | 39.4 | 34.5 | 29.8 | 25.5 | 21.7 | 18.8 | 16.9 | 21.7 | 27.5 |
| 105                | 66.8 | 68.3 | 69.6 | 70.7 | 71.5 | 71.9 | 71.8 | 71.1 | 65.9 | 60.3 | 54.5 | 48.8 | 43.4 | 38.6 | 34.4 | 31.3 | 29.3 | 34.8 | 41.5 |
| 110                | 90.1 | 91.3 | 92.3 | 92.9 | 93.1 | 92.8 | 92.1 | 90.7 | 84.7 | 78.3 | 71.7 | 65.2 | 59.1 | 53.4 | 48.6 | 44.8 | 42.2 | 47.5 | 54.0 |
| 115                | 112  | 113  | 114  | 115  | 115  | 115  | 114  | 113  | 106  | 98.4 | 90.8 | 83.2 | 75.9 | 69.2 | 63.4 | 58.6 | 55.1 | 59.8 | 65.8 |
| 120                | 135  | 136  | 138  | 138  | 138  | 138  | 137  | 135  | 127  | 119  | 110  | 102  | 93.4 | 85.6 | 78.7 | 72.8 | 68.4 | 72.3 | 77.7 |
| 125                | 160  | 162  | 163  | 163  | 163  | 162  | 160  | 158  | 149  | 140  | 130  | 121  | 111  | 102  | 94.5 | 87.7 | 82.3 | 85.4 | 90.0 |
| 130                | 184  | 185  | 185  | 185  | 184  | 182  | 179  | 176  | 167  | 157  | 147  | 137  | 127  | 118  | 109  | 102  | 95.8 | 98.1 | 102  |
| 135                | 205  | 205  | 205  | 204  | 202  | 199  | 196  | 192  | 182  | 172  | 162  | 152  | 142  | 132  | 123  | 116  | 109  | 111  | 114  |
| 140                | 222  | 222  | 220  | 218  | 215  | 212  | 208  | 203  | 194  | 184  | 174  | 164  | 155  | 146  | 137  | 130  | 123  | 124  | 125  |
| 145                | 234  | 232  | 230  | 227  | 224  | 220  | 215  | 210  | 201  | 192  | 183  | 174  | 165  | 157  | 149  | 142  | 136  | 136  | 136  |
| 150                | 239  | 237  | 234  | 231  | 227  | 223  | 218  | 212  | 205  | 197  | 189  | 181  | 174  | 167  | 160  | 154  | 149  | 148  | 148  |
| 155                | 236  | 234  | 232  | 228  | 225  | 221  | 216  | 211  | 205  | 199  | 193  | 186  | 180  | 174  | 169  | 164  | 160  | 158  | 158  |
| 160                | 228  | 226  | 224  | 221  | 218  | 215  | 211  | 207  | 203  | 198  | 194  | 189  | 185  | 180  | 176  | 173  | 169  | 168  | 167  |
| 165                | 216  | 215  | 213  | 211  | 209  | 207  | 204  | 201  | 198  | 196  | 193  | 190  | 187  | 184  | 181  | 179  | 176  | 175  | 174  |
| 170                | 203  | 203  | 202  | 200  | 199  | 198  | 196  | 195  | 193  | 192  | 190  | 189  | 187  | 185  | 184  | 183  | 181  | 180  | 180  |
| 175                | 192  | 191  | 191  | 191  | 190  | 190  | 189  | 188  | 188  | 187  | 187  | 186  | 186  | 185  | 185  | 184  | 184  | 183  | 183  |
| 180                | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 179  |

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:121.1V I:0.3020A P:36.50W PF:0.9900 Freq:60.00Hz Lamp Flux:4694.25x1 lm |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |                  |  |  |
| NAME: 4FT                                                                      |  |  |  |  |  |  |  |  | TYPE:400K 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                  | 2832 | 2832 | 2833 | 2833 | 2833 | 2833 | 2832 | 2831 | 2830 | 2828 | 2826 | 2824 | 2821 | 2819 | 2816 |  |  |  |  |
| 5                  | 2890 | 2890 | 2889 | 2888 | 2886 | 2884 | 2881 | 2877 | 2872 | 2866 | 2859 | 2852 | 2844 | 2835 | 2825 |  |  |  |  |
| 10                 | 2881 | 2881 | 2880 | 2879 | 2877 | 2874 | 2870 | 2865 | 2859 | 2852 | 2844 | 2835 | 2826 | 2815 | 2803 |  |  |  |  |
| 15                 | 2837 | 2837 | 2837 | 2835 | 2833 | 2830 | 2826 | 2821 | 2814 | 2807 | 2799 | 2790 | 2780 | 2769 | 2758 |  |  |  |  |
| 20                 | 2732 | 2734 | 2736 | 2736 | 2736 | 2735 | 2733 | 2729 | 2724 | 2718 | 2710 | 2702 | 2692 | 2682 | 2670 |  |  |  |  |
| 25                 | 2553 | 2558 | 2563 | 2567 | 2570 | 2573 | 2574 | 2573 | 2570 | 2566 | 2561 | 2555 | 2548 | 2539 | 2530 |  |  |  |  |
| 30                 | 2265 | 2278 | 2290 | 2301 | 2312 | 2322 | 2330 | 2333 | 2334 | 2334 | 2332 | 2329 | 2324 | 2317 | 2309 |  |  |  |  |
| 35                 | 1693 | 1740 | 1788 | 1837 | 1885 | 1931 | 1973 | 1992 | 2005 | 2014 | 2017 | 2015 | 2009 | 1997 | 1981 |  |  |  |  |
| 40                 | 1002 | 1082 | 1165 | 1247 | 1327 | 1400 | 1465 | 1482 | 1487 | 1482 | 1465 | 1436 | 1396 | 1345 | 1283 |  |  |  |  |
| 45                 | 440  | 506  | 574  | 642  | 707  | 768  | 822  | 839  | 847  | 846  | 837  | 819  | 792  | 756  | 711  |  |  |  |  |
| 50                 | 121  | 150  | 181  | 212  | 241  | 269  | 293  | 301  | 304  | 303  | 299  | 290  | 277  | 260  | 240  |  |  |  |  |
| 55                 | 34.6 | 43.8 | 53.2 | 62.4 | 71.1 | 79.1 | 85.8 | 86.6 | 85.9 | 83.7 | 80.0 | 74.8 | 68.2 | 60.0 | 50.3 |  |  |  |  |
| 60                 | 12.4 | 13.8 | 15.1 | 16.3 | 17.5 | 18.5 | 19.4 | 19.5 | 19.4 | 19.1 | 18.5 | 17.8 | 16.8 | 15.6 | 14.2 |  |  |  |  |
| 65                 | 7.26 | 7.26 | 7.27 | 7.30 | 7.34 | 7.40 | 7.48 | 7.61 | 7.77 | 7.95 | 8.15 | 8.37 | 8.62 | 8.89 | 9.18 |  |  |  |  |
| 70                 | 5.95 | 5.95 | 5.96 | 5.98 | 6.00 | 6.04 | 6.09 | 6.17 | 6.26 | 6.37 | 6.49 | 6.62 | 6.76 | 6.92 | 7.09 |  |  |  |  |
| 75                 | 4.77 | 4.78 | 4.78 | 4.79 | 4.80 | 4.81 | 4.83 | 4.87 | 4.91 | 4.96 | 5.02 | 5.08 | 5.15 | 5.23 | 5.31 |  |  |  |  |
| 80                 | 3.72 | 3.74 | 3.76 | 3.78 | 3.80 | 3.81 | 3.83 | 3.83 | 3.84 | 3.84 | 3.84 | 3.83 | 3.83 | 3.82 | 3.81 |  |  |  |  |
| 85                 | 3.42 | 3.57 | 3.75 | 3.94 | 4.16 | 4.40 | 4.66 | 4.95 | 5.26 | 5.59 | 5.95 | 6.33 | 6.73 | 7.16 | 7.61 |  |  |  |  |
| 90                 | 13.0 | 17.8 | 22.7 | 27.7 | 32.5 | 37.1 | 41.3 | 43.5 | 45.3 | 46.6 | 47.4 | 47.8 | 47.7 | 47.2 | 46.2 |  |  |  |  |
| 95                 | 24.3 | 31.5 | 39.0 | 46.7 | 54.5 | 62.0 | 69.2 | 73.5 | 77.3 | 80.6 | 83.4 | 85.7 | 87.4 | 88.6 | 89.3 |  |  |  |  |
| 100                | 34.2 | 41.6 | 49.5 | 57.6 | 65.8 | 74.0 | 81.8 | 86.6 | 90.9 | 94.7 | 98.1 | 101  | 103  | 105  | 107  |  |  |  |  |
| 105                | 49.2 | 57.7 | 66.6 | 75.9 | 85.3 | 94.5 | 103  | 109  | 113  | 117  | 121  | 124  | 126  | 128  | 129  |  |  |  |  |
| 110                | 61.6 | 69.9 | 78.9 | 88.2 | 97.7 | 107  | 116  | 121  | 126  | 130  | 134  | 137  | 140  | 142  | 143  |  |  |  |  |
| 115                | 73.0 | 81.2 | 90.2 | 99.6 | 109  | 119  | 129  | 136  | 142  | 148  | 153  | 158  | 163  | 168  | 172  |  |  |  |  |
| 120                | 84.3 | 92.0 | 101  | 110  | 120  | 129  | 139  | 146  | 153  | 160  | 166  | 173  | 179  | 185  | 190  |  |  |  |  |
| 125                | 96.0 | 103  | 111  | 120  | 129  | 139  | 148  | 155  | 162  | 169  | 176  | 182  | 189  | 195  | 201  |  |  |  |  |
| 130                | 107  | 113  | 120  | 128  | 137  | 146  | 155  | 161  | 168  | 174  | 180  | 187  | 193  | 199  | 206  |  |  |  |  |
| 135                | 118  | 123  | 129  | 136  | 143  | 151  | 159  | 164  | 170  | 176  | 182  | 188  | 194  | 200  | 206  |  |  |  |  |
| 140                | 128  | 132  | 137  | 142  | 148  | 155  | 161  | 166  | 171  | 176  | 182  | 187  | 193  | 198  | 204  |  |  |  |  |
| 145                | 138  | 141  | 144  | 148  | 153  | 158  | 163  | 167  | 171  | 175  | 180  | 185  | 189  | 194  | 200  |  |  |  |  |
| 150                | 148  | 150  | 152  | 155  | 158  | 161  | 165  | 168  | 171  | 174  | 177  | 180  | 184  | 188  | 192  |  |  |  |  |
| 155                | 158  | 158  | 159  | 161  | 163  | 165  | 167  | 169  | 171  | 173  | 175  | 178  | 180  | 183  | 186  |  |  |  |  |
| 160                | 167  | 166  | 167  | 167  | 168  | 169  | 170  | 171  | 172  | 173  | 174  | 175  | 177  | 179  | 181  |  |  |  |  |
| 165                | 173  | 173  | 173  | 172  | 172  | 173  | 173  | 173  | 173  | 174  | 174  | 175  | 175  | 176  | 177  |  |  |  |  |
| 170                | 179  | 178  | 178  | 177  | 177  | 176  | 176  | 176  | 176  | 176  | 176  | 176  | 176  | 176  | 177  |  |  |  |  |
| 175                | 182  | 182  | 181  | 181  | 181  | 180  | 180  | 180  | 180  | 179  | 179  | 179  | 179  | 179  | 179  |  |  |  |  |
| 180                | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 179  |  |  |  |  |

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: