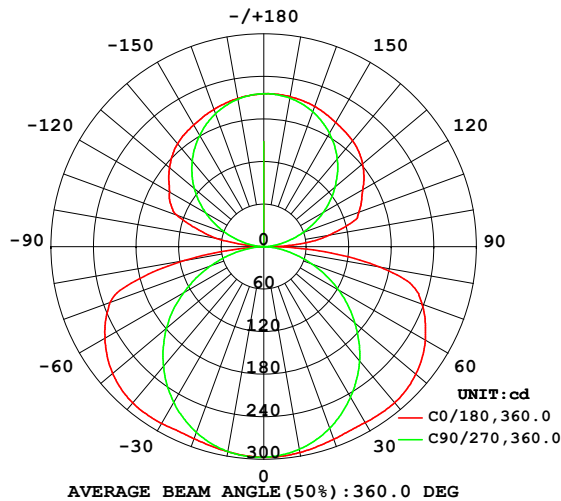


## LUMINAIRE PHOTOMETRIC TEST REPORT

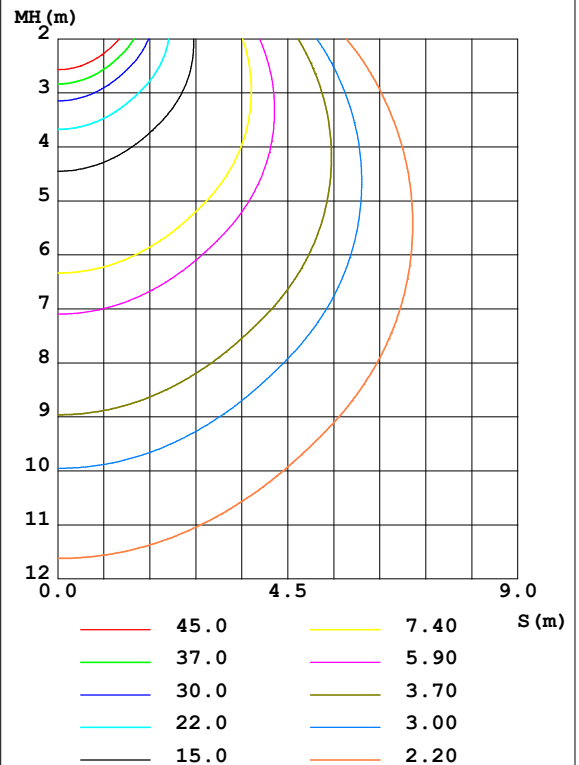
|                                                                               |            |                  |
|-------------------------------------------------------------------------------|------------|------------------|
| Test:U:121.3V I:0.1310A P:15.90W PF:0.9900 Freq:60.00Hz Lamp Flux:1896.9x1 lm |            |                  |
| NAME: 14代2FT                                                                  | TYPE:3000K | WEIGHT:          |
| SPEC.:                                                                        | DIM.:      | SERIAL No.:      |
| MFR.: EVERFINE                                                                | SUR.:      | Shielding Angle: |

| DATA OF LAMP     |        | PHOTOMETRIC DATA Eff: 119.30 lm/W |         |                   |           |
|------------------|--------|-----------------------------------|---------|-------------------|-----------|
| MODEL            |        | I <sub>max</sub> (cd)             | 297.3   | S/MH(C0/180)      | 1.49      |
| NOMINAL POWER(W) | 15W    | LOR(%)                            | 100.0   | S/MH(C90/270)     | 1.27      |
| RATED VOLTAGE(V) | 120.0  | TOTAL FLUX(lm)                    | 1896.9  | η UP,DN(C0-180)   | 20.2,29.6 |
| NOMINAL FLUX(lm) | 1896.9 | CIE CLASS                         | DIFFUSE | η UP,DN(C180-360) | 20.0,30.1 |
| LAMPS INSIDE     | 1      | η up(%)                           | 40.2    | CIBSE SHR NOM     | 1.50      |
| TEST VOLTAGE(V)  | 120.0  | η down(%)                         | 59.8    | CIBSE SHR MAX     | 1.55      |

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:

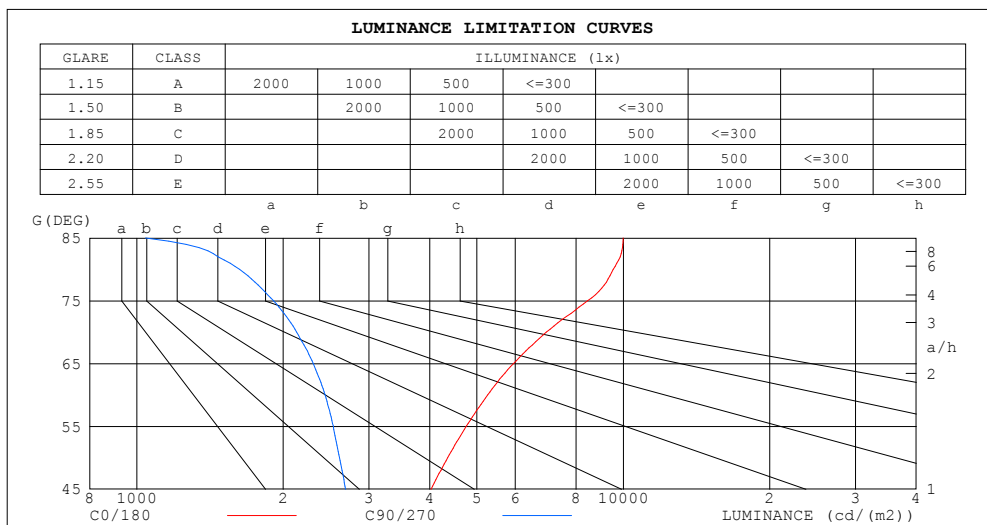
| $\gamma$ | C0                    | C45   | C90    | C135  | C180  | C225  | C270   | C315  | $\gamma$ | $\Phi$ zone | $\Phi$ total | %lum, lamp |
|----------|-----------------------|-------|--------|-------|-------|-------|--------|-------|----------|-------------|--------------|------------|
| 10       | 294.8                 | 292.3 | 290.0  | 292.4 | 293.6 | 294.0 | 293.3  | 294.0 | 0- 10    | 28.16       | 28.16        | 1.48,1.48  |
| 20       | 289.0                 | 279.4 | 272.5  | 280.2 | 288.3 | 283.6 | 278.7  | 283.3 | 10- 20   | 81.42       | 109.6        | 5.78,5.78  |
| 30       | 286.4                 | 261.7 | 245.0  | 264.1 | 288.0 | 269.1 | 254.0  | 267.8 | 20- 30   | 126.7       | 236.3        | 12.5,12.5  |
| 40       | 287.2                 | 243.6 | 210.4  | 248.1 | 287.7 | 254.5 | 220.0  | 252.0 | 30- 40   | 162.0       | 398.3        | 21,21      |
| 50       | 279.9                 | 224.5 | 167.8  | 229.3 | 278.2 | 235.3 | 179.2  | 233.2 | 40- 50   | 185.0       | 583.2        | 30.7,30.7  |
| 60       | 263.1                 | 196.9 | 121.9  | 201.2 | 258.8 | 203.5 | 130.9  | 202.7 | 50- 60   | 190.5       | 773.7        | 40.8,40.8  |
| 70       | 237.6                 | 159.9 | 72.91  | 163.0 | 230.9 | 160.5 | 79.85  | 162.2 | 60- 70   | 175.6       | 949.3        | 50,50      |
| 80       | 165.7                 | 109.5 | 28.24  | 100.5 | 113.7 | 97.85 | 31.30  | 114.9 | 70- 80   | 137.4       | 1087         | 57.3,57.3  |
| 90       | 11.02                 | 2.577 | 0.6702 | 2.015 | 1.155 | 2.188 | 0.9671 | 3.597 | 80- 90   | 46.75       | 1133         | 59.8,59.8  |
| 100      | 92.98                 | 65.00 | 22.58  | 53.52 | 67.15 | 57.77 | 22.03  | 67.45 | 90-100   | 28.80       | 1162         | 61.3,61.3  |
| 110      | 142.7                 | 104.7 | 59.32  | 96.83 | 131.0 | 101.9 | 57.47  | 98.80 | 100-110  | 83.65       | 1246         | 65.7,65.7  |
| 120      | 161.4                 | 134.6 | 97.19  | 125.9 | 153.6 | 128.5 | 94.07  | 128.1 | 110-120  | 112.0       | 1358         | 71.6,71.6  |
| 130      | 182.0                 | 159.0 | 131.4  | 152.1 | 173.7 | 153.9 | 128.1  | 152.5 | 120-130  | 126.1       | 1484         | 78.2,78.2  |
| 140      | 195.0                 | 177.4 | 161.3  | 172.1 | 189.4 | 172.7 | 157.1  | 172.2 | 130-140  | 127.0       | 1611         | 84.9,84.9  |
| 150      | 202.6                 | 194.1 | 185.1  | 189.9 | 198.2 | 189.6 | 181.1  | 191.0 | 140-150  | 114.7       | 1726         | 91,91      |
| 160      | 210.4                 | 207.0 | 202.5  | 203.7 | 205.9 | 203.1 | 199.5  | 204.8 | 150-160  | 91.57       | 1817         | 95.8,95.8  |
| 170      | 214.9                 | 214.3 | 212.8  | 212.4 | 212.3 | 212.1 | 211.3  | 213.1 | 160-170  | 59.16       | 1876         | 98.9,98.9  |
| 180      | 215.2                 | 215.2 | 215.2  | 215.2 | 215.2 | 215.2 | 215.2  | 215.2 | 170-180  | 20.46       | 1897         | 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:121.3V I:0.1310A P:15.90W PF:0.9900 Freq:60.00Hz Lamp Flux:1896.9x1 lm |            |                  |
| NAME: 14代2FT                                                                  | TYPE:3000K | WEIGHT:          |
| SPEC.:                                                                        | DIM.:      | SERIAL No.:      |
| MFR.: EVERFINE                                                                | SUR.:      | Shielding Angle: |



| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G (DEG)           | C0/180 | C90/270 |
| 85                | 9994   | 1042    |
| 80                | 9540   | 1626    |
| 75                | 8440   | 1910    |
| 70                | 6946   | 2132    |
| 65                | 5947   | 2307    |
| 60                | 5262   | 2437    |
| 55                | 4756   | 2534    |
| 50                | 4355   | 2610    |
| 45                | 4029   | 2686    |

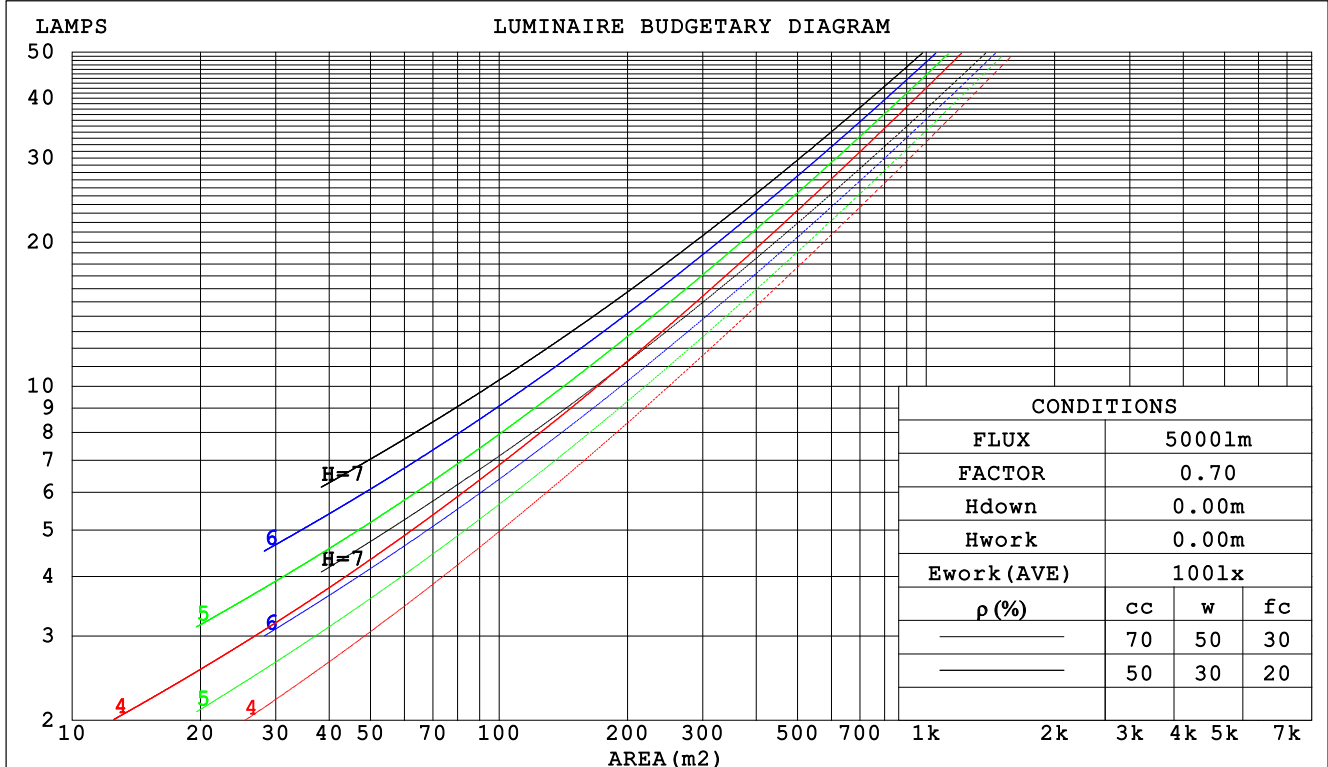
C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:  
Test Date:

$\gamma$  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:121.3V I:0.1310A P:15.90W PF:0.9900 Freq:60.00Hz Lamp Flux:1896.9x1 lm |            |                  |
| NAME: 14代2FT                                                                  | TYPE:3000K | WEIGHT:          |
| SPEC.:                                                                        | DIM.:      | SERIAL No.:      |
| MFR.: EVERFINE                                                                | SUR.:      | 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         | 1.09                  | 1.09 | 1.09 | 1.02 | 1.02 | 1.02 | .89                             | .89 | .89 | .76 | .76 | .76 | .65 | .65 | .65 | .60 |
| 1.0         | .93                   | .89  | .85  | .87  | .83  | .80  | .76                             | .73 | .70 | .65 | .63 | .61 | .55 | .54 | .52 | .47 |
| 2.0         | .80                   | .73  | .67  | .75  | .69  | .64  | .65                             | .60 | .56 | .56 | .52 | .49 | .47 | .44 | .42 | .38 |
| 3.0         | .70                   | .61  | .55  | .65  | .58  | .52  | .56                             | .51 | .46 | .48 | .44 | .40 | .41 | .37 | .35 | .31 |
| 4.0         | .61                   | .52  | .46  | .57  | .49  | .43  | .50                             | .43 | .38 | .43 | .38 | .34 | .36 | .32 | .29 | .26 |
| 5.0         | .54                   | .45  | .39  | .51  | .43  | .37  | .44                             | .38 | .33 | .38 | .33 | .29 | .32 | .28 | .25 | .22 |
| 6.0         | .48                   | .40  | .33  | .45  | .37  | .31  | .39                             | .33 | .28 | .34 | .29 | .25 | .29 | .25 | .21 | .19 |
| 7.0         | .43                   | .35  | .29  | .41  | .33  | .27  | .36                             | .29 | .24 | .31 | .26 | .22 | .26 | .22 | .19 | .16 |
| 8.0         | .39                   | .31  | .25  | .37  | .29  | .24  | .32                             | .26 | .22 | .28 | .23 | .19 | .24 | .20 | .17 | .14 |
| 9.0         | .36                   | .28  | .22  | .34  | .26  | .21  | .30                             | .23 | .19 | .26 | .21 | .17 | .22 | .18 | .15 | .13 |
| 10.0        | .33                   | .25  | .20  | .31  | .24  | .19  | .27                             | .21 | .17 | .24 | .19 | .15 | .20 | .16 | .13 | .11 |



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:121.3V I:0.1310A P:15.90W PF:0.9900 Freq:60.00Hz Lamp Flux:1896.9x1 lm |            |                  |
| NAME: 14代2FT                                                                  | TYPE:3000K | WEIGHT:          |
| SPEC.:                                                                        | DIM.:      | SERIAL No.:      |
| MFR.: EVERFINE                                                                | SUR.:      | 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  | .325                  | .185 | .058 | .305 | .174 | .055 | .269                            | .154 | .049 | .236 | .136 | .044 | .206 | .119 | .038 |   |  |
| 2.0  | .296                  | .162 | .050 | .279 | .153 | .047 | .246                            | .137 | .042 | .215 | .121 | .038 | .187 | .106 | .033 |   |  |
| 3.0  | .269                  | .143 | .043 | .253 | .136 | .041 | .223                            | .121 | .037 | .196 | .107 | .033 | .170 | .094 | .029 |   |  |
| 4.0  | .246                  | .128 | .038 | .231 | .121 | .036 | .204                            | .108 | .032 | .178 | .096 | .029 | .155 | .084 | .026 |   |  |
| 5.0  | .226                  | .115 | .033 | .212 | .109 | .032 | .187                            | .097 | .029 | .163 | .086 | .026 | .142 | .076 | .023 |   |  |
| 6.0  | .208                  | .104 | .030 | .196 | .099 | .028 | .173                            | .088 | .026 | .151 | .078 | .023 | .130 | .069 | .020 |   |  |
| 7.0  | .193                  | .095 | .027 | .182 | .090 | .026 | .160                            | .081 | .023 | .140 | .072 | .021 | .121 | .063 | .018 |   |  |
| 8.0  | .180                  | .088 | .025 | .169 | .083 | .024 | .149                            | .074 | .021 | .130 | .066 | .019 | .113 | .058 | .017 |   |  |
| 9.0  | .168                  | .081 | .023 | .158 | .077 | .022 | .139                            | .069 | .020 | .122 | .061 | .018 | .105 | .054 | .015 |   |  |
| 10.0 | .157                  | .075 | .021 | .148 | .072 | .020 | .131                            | .064 | .018 | .115 | .057 | .016 | .099 | .050 | .014 |   |  |

| 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  | .497                  | .497 | .497 | .425 | .425 | .425 | .290                                       | .290 | .290 | .167 | .167 | .167 | .053 | .053 | .053 |   |
| 1.0  | .491                  | .465 | .442 | .420 | .399 | .381 | .287                                       | .275 | .263 | .165 | .159 | .153 | .053 | .051 | .050 |   |
| 2.0  | .484                  | .443 | .409 | .415 | .381 | .353 | .284                                       | .264 | .246 | .164 | .154 | .144 | .053 | .050 | .047 |   |
| 3.0  | .477                  | .427 | .387 | .409 | .369 | .336 | .281                                       | .256 | .236 | .162 | .150 | .139 | .052 | .049 | .045 |   |
| 4.0  | .470                  | .415 | .373 | .404 | .359 | .324 | .278                                       | .250 | .228 | .161 | .146 | .135 | .052 | .048 | .044 |   |
| 5.0  | .463                  | .406 | .363 | .398 | .351 | .316 | .274                                       | .245 | .223 | .159 | .144 | .132 | .051 | .047 | .044 |   |
| 6.0  | .457                  | .398 | .356 | .393 | .345 | .310 | .271                                       | .241 | .220 | .157 | .142 | .130 | .051 | .046 | .043 |   |
| 7.0  | .450                  | .392 | .351 | .387 | .340 | .306 | .268                                       | .238 | .217 | .155 | .140 | .129 | .050 | .046 | .043 |   |
| 8.0  | .444                  | .387 | .347 | .382 | .335 | .303 | .265                                       | .236 | .215 | .154 | .139 | .128 | .050 | .046 | .042 |   |
| 9.0  | .438                  | .382 | .344 | .378 | .332 | .300 | .262                                       | .233 | .213 | .152 | .138 | .127 | .049 | .045 | .042 |   |
| 10.0 | .433                  | .378 | .342 | .373 | .328 | .298 | .259                                       | .231 | .212 | .151 | .137 | .126 | .049 | .045 | .042 |   |

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:121.3V I:0.1310A P:15.90W PF:0.9900 Freq:60.00Hz Lamp Flux:1896.9x1 lm |                  |      |      |      |            |                |      |                  |      |      |
| NAME: 14代2FT                                                                  |                  |      |      |      | TYPE:3000K |                |      | WEIGHT:          |      |      |
| SPEC.:                                                                        |                  |      |      |      | DIM.:      |                |      | SERIAL No.:      |      |      |
| MFR.: EVERFINE                                                                |                  |      |      |      | SUR.:      |                |      | 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                                                                 | 16.4             | 17.5 | 17.2 | 18.3 | 19.2       | 13.4           | 14.5 | 14.2             | 15.3 | 16.2 |
| 3H                                                                            | 19.2             | 20.2 | 20.0 | 21.0 | 22.0       | 14.8           | 15.7 | 15.5             | 16.5 | 17.5 |
| 4H                                                                            | 20.8             | 21.7 | 21.6 | 22.5 | 23.5       | 15.2           | 16.2 | 16.0             | 17.0 | 18.0 |
| 6H                                                                            | 22.1             | 23.0 | 23.0 | 23.8 | 24.9       | 15.5           | 16.4 | 16.4             | 17.2 | 18.3 |
| 8H                                                                            | 22.7             | 23.5 | 23.5 | 24.3 | 25.4       | 15.6           | 16.4 | 16.4             | 17.3 | 18.3 |
| 12H                                                                           | 23.1             | 23.9 | 23.9 | 24.7 | 25.8       | 15.6           | 16.4 | 16.4             | 17.2 | 18.3 |
| 4H 2H                                                                         | 16.8             | 17.8 | 17.6 | 18.6 | 19.6       | 14.7           | 15.7 | 15.5             | 16.5 | 17.5 |
| 3H                                                                            | 19.9             | 20.7 | 20.7 | 21.5 | 22.6       | 16.3           | 17.1 | 17.2             | 18.0 | 19.0 |
| 4H                                                                            | 21.5             | 22.3 | 22.4 | 23.1 | 24.2       | 17.0           | 17.7 | 17.8             | 18.6 | 19.6 |
| 6H                                                                            | 23.1             | 23.7 | 24.0 | 24.6 | 25.7       | 17.4           | 18.0 | 18.3             | 18.9 | 20.0 |
| 8H                                                                            | 23.7             | 24.3 | 24.6 | 25.2 | 26.3       | 17.5           | 18.1 | 18.4             | 19.0 | 20.1 |
| 12H                                                                           | 24.2             | 24.7 | 25.1 | 25.6 | 26.8       | 17.5           | 18.1 | 18.4             | 19.0 | 20.1 |
| 8H 4H                                                                         | 21.7             | 22.3 | 22.6 | 23.2 | 24.3       | 18.1           | 18.7 | 19.0             | 19.6 | 20.7 |
| 6H                                                                            | 23.5             | 24.0 | 24.4 | 24.9 | 26.1       | 18.8           | 19.3 | 19.8             | 20.3 | 21.4 |
| 8H                                                                            | 24.3             | 24.7 | 25.2 | 25.6 | 26.8       | 19.1           | 19.5 | 20.0             | 20.4 | 21.6 |
| 12H                                                                           | 24.9             | 25.2 | 25.8 | 26.2 | 27.4       | 19.2           | 19.5 | 20.1             | 20.5 | 21.7 |
| 12H 4H                                                                        | 21.7             | 22.2 | 22.6 | 23.1 | 24.3       | 18.4           | 18.9 | 19.3             | 19.8 | 21.0 |
| 6H                                                                            | 23.5             | 24.0 | 24.5 | 24.9 | 26.1       | 19.3           | 19.7 | 20.2             | 20.7 | 21.8 |
| 8H                                                                            | 24.3             | 24.7 | 25.3 | 25.7 | 26.9       | 19.6           | 20.0 | 20.6             | 21.0 | 22.2 |
| Variations with the observer position at spacings:                            |                  |      |      |      |            |                |      |                  |      |      |
| S = 1.0H                                                                      | + 0.1 / - 0.1    |      |      |      |            | + 0.1 / - 0.1  |      |                  |      |      |
| 1.5H                                                                          | + 0.1 / - 0.2    |      |      |      |            | + 0.2 / - 0.3  |      |                  |      |      |
| 2.0H                                                                          | + 0.2 / - 0.2    |      |      |      |            | + 0.2 / - 0.4  |      |                  |      |      |

CIE Pub.117 Corrected 1897 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.2)

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:121.3V I:0.1310A P:15.90W PF:0.9900 Freq:60.00Hz Lamp Flux:1896.9x1 lm |            |                  |
| NAME: 14代2FT                                                                  | TYPE:3000K | WEIGHT:          |
| SPEC.:                                                                        | DIM.:      | SERIAL No.:      |
| MFR.: EVERFINE                                                                | SUR.:      | Shielding Angle: |

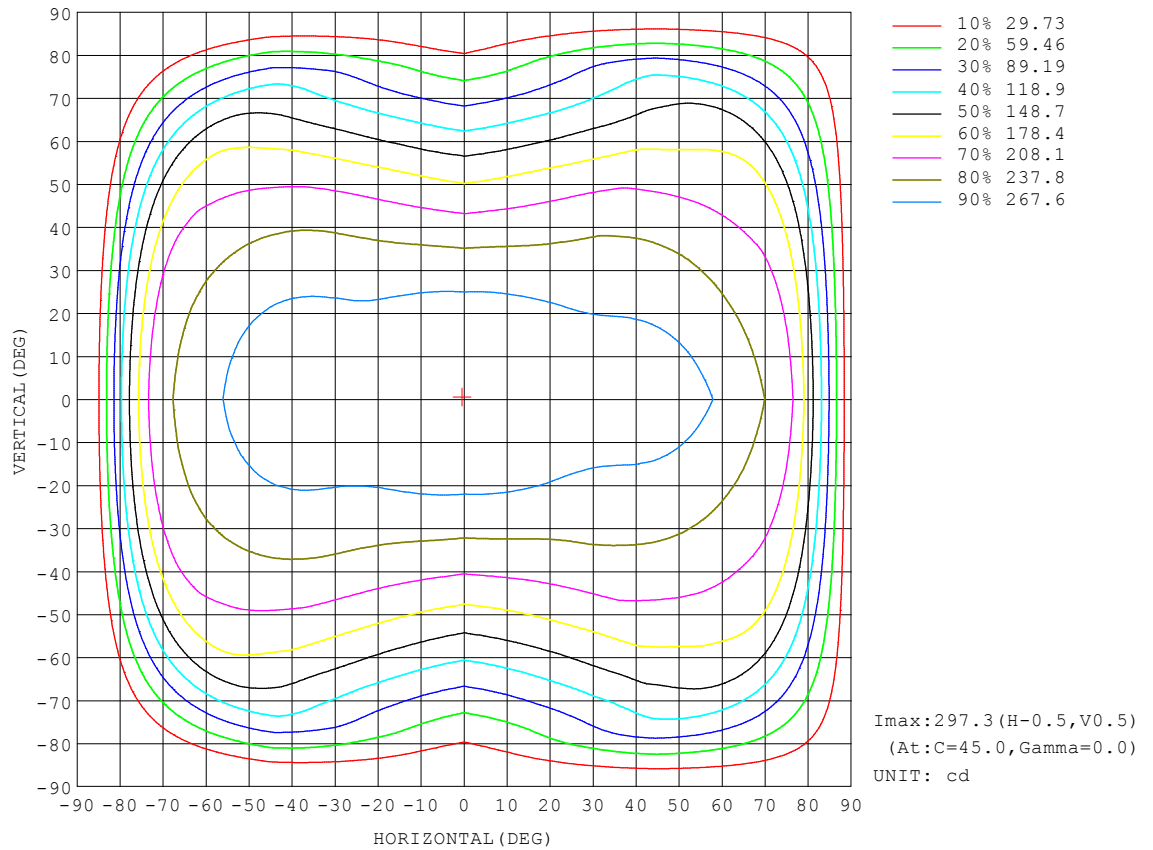
| REFLECTANCE                      |                                                      |     |           |     |     |     |     |               |     |        |
|----------------------------------|------------------------------------------------------|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| 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) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |               |     |        |
| $k = 0.60$                       | 43                                                   | 32  | 25        | 41  | 30  | 24  | 38  | 28            | 23  | 15     |
| 0.80                             | 53                                                   | 40  | 33        | 50  | 39  | 32  | 45  | 35            | 29  | 20     |
| 1.00                             | 60                                                   | 48  | 40        | 57  | 46  | 39  | 51  | 44            | 36  | 24     |
| 1.25                             | 67                                                   | 56  | 47        | 64  | 53  | 45  | 56  | 48            | 42  | 29     |
| 1.50                             | 73                                                   | 61  | 53        | 68  | 58  | 51  | 60  | 52            | 46  | 32     |
| 2.00                             | 80                                                   | 70  | 62        | 75  | 66  | 59  | 66  | 59            | 54  | 37     |
| 2.50                             | 85                                                   | 76  | 68        | 80  | 71  | 65  | 70  | 63            | 58  | 40     |
| 3.00                             | 89                                                   | 80  | 74        | 83  | 76  | 70  | 72  | 67            | 62  | 43     |
| 4.00                             | 93                                                   | 86  | 81        | 87  | 81  | 76  | 76  | 72            | 68  | 46     |
| 5.00                             | 96                                                   | 90  | 85        | 90  | 85  | 80  | 78  | 75            | 71  | 49     |
| 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:121.3V I:0.1310A P:15.90W PF:0.9900 Freq:60.00Hz Lamp Flux:1896.9x1 lm |            |                  |
| NAME: 14代2FT                                                                  | TYPE:3000K | WEIGHT:          |
| SPEC.:                                                                        | DIM.:      | SERIAL No.:      |
| MFR.: EVERFINE                                                                | SUR.:      | Shielding Angle: |

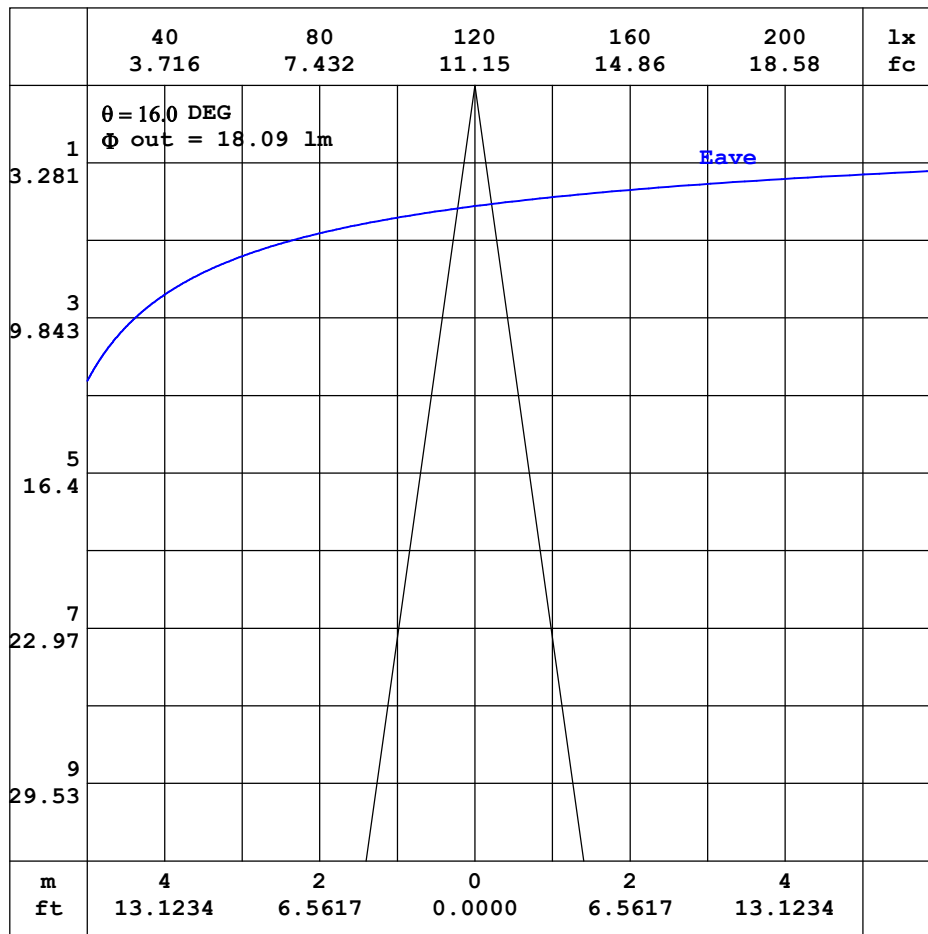


C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:  
Test Date:

$\gamma$  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:121.3V I:0.1310A P:15.90W PF:0.9900 Freq:60.00Hz Lamp Flux:1896.9x1 lm |            |                  |
| NAME: 14代2FT                                                                  | TYPE:3000K | WEIGHT:          |
| SPEC.:                                                                        | DIM.:      | SERIAL No.:      |
| MFR.: EVERFINE                                                                | SUR.:      | Shielding Angle: |



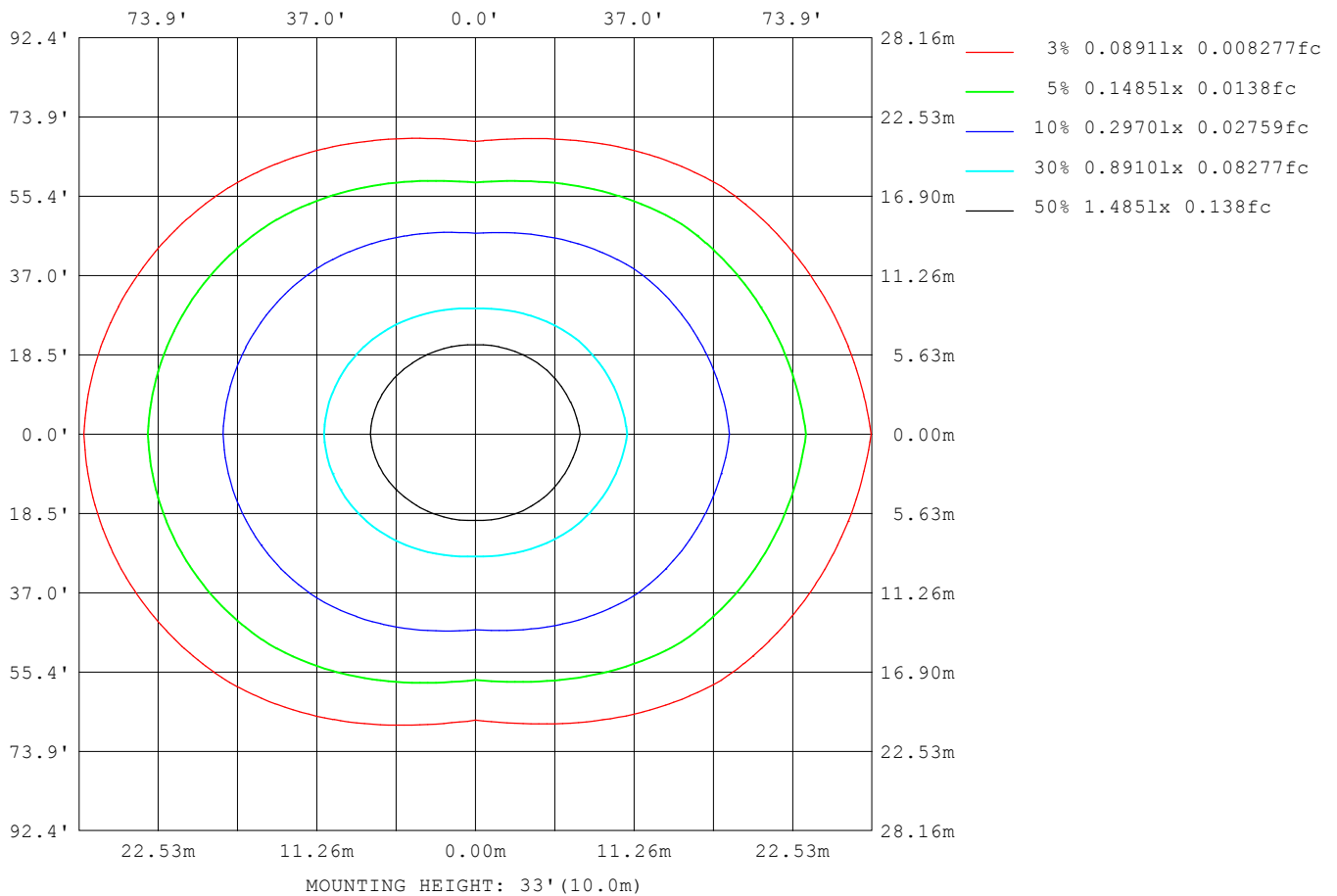
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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:

### ISOLUX DIAGRAM

|                                                                               |            |                  |
|-------------------------------------------------------------------------------|------------|------------------|
| Test:U:121.3V I:0.1310A P:15.90W PF:0.9900 Freq:60.00Hz Lamp Flux:1896.9x1 lm |            |                  |
| NAME: 14代2FT                                                                  | TYPE:3000K | WEIGHT:          |
| SPEC.:                                                                        | DIM.:      | SERIAL No.:      |
| MFR.: EVERFINE                                                                | SUR.:      | 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:121.3V I:0.1310A P:15.90W PF:0.9900 Freq:60.00Hz Lamp Flux:1896.9x1 lm |            |                  |
| NAME: 14代2FT                                                                  | TYPE:3000K | WEIGHT:          |
| SPEC.:                                                                        | DIM.:      | SERIAL No.:      |
| MFR.: EVERFINE                                                                | SUR.:      | Shielding Angle: |

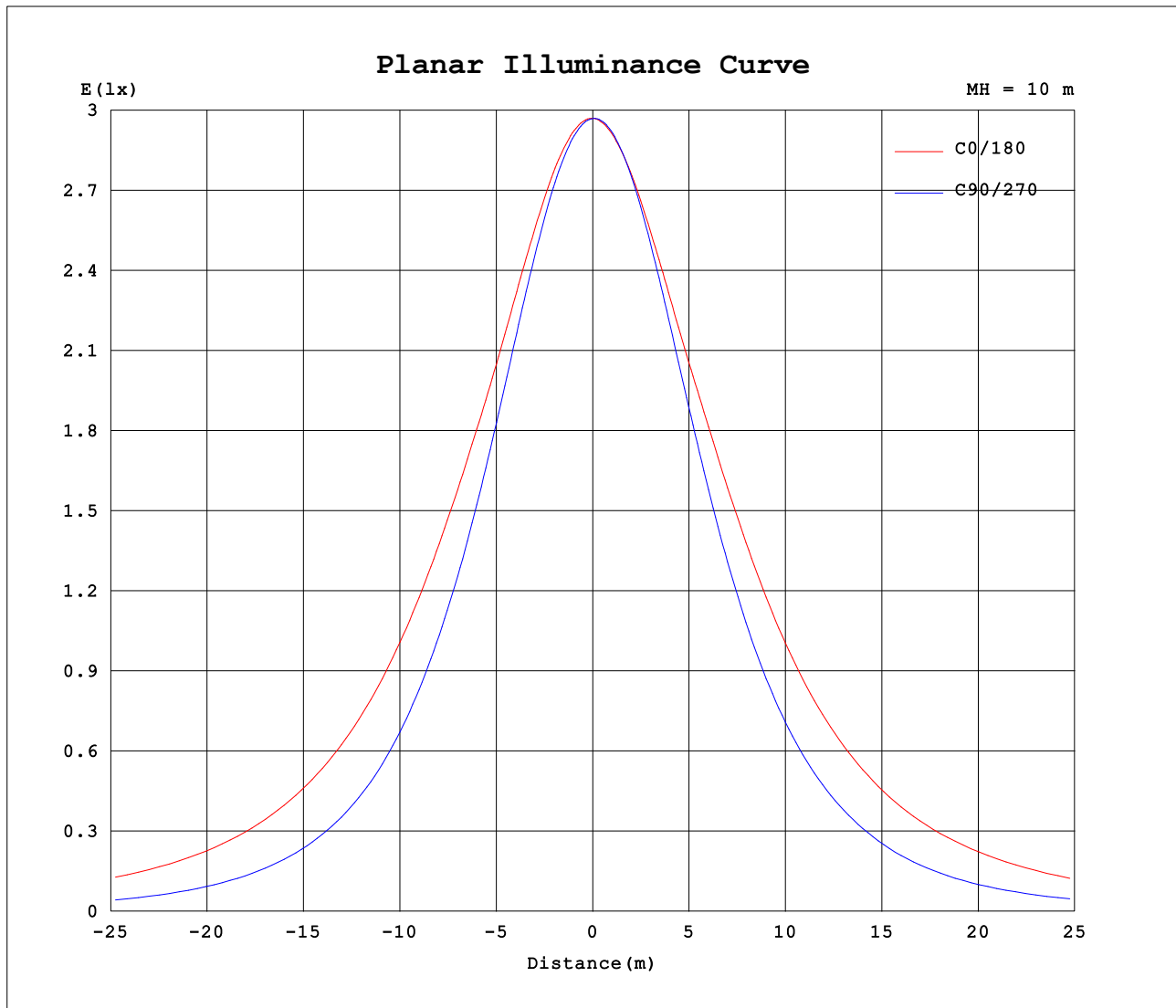
| AvgL             | cd/m2 |
|------------------|-------|
| L_0~180 (65) av  | 5888  |
| L_0~180 (75) av  | 7846  |
| L_0~180 (85) av  | 6610  |
| L_90~270 (65) av | 2403  |
| L_90~270 (75) av | 2013  |
| L_90~270 (85) av | 1182  |
| L_45 (65) av     | 4323  |
| L_45 (75) av     | 5377  |
| L_45 (85) av     | 5642  |

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:121.3V I:0.1310A P:15.90W PF:0.9900 Freq:60.00Hz Lamp Flux:1896.9x1 lm |            |                  |
| NAME: 14代2FT                                                                  | TYPE:3000K | WEIGHT:          |
| SPEC.:                                                                        | DIM.:      | SERIAL No.:      |
| MFR.: EVERFINE                                                                | SUR.:      | 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                  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  |
| 5                  | 297  | 296  | 296  | 296  | 296  | 296  | 296  | 296  | 296  | 296  | 296  | 296  | 295  | 295  | 295  | 295  | 295  | 295  | 295  |
| 10                 | 295  | 294  | 294  | 294  | 294  | 293  | 293  | 293  | 293  | 292  | 292  | 292  | 291  | 291  | 291  | 290  | 290  | 290  | 290  |
| 15                 | 292  | 291  | 291  | 290  | 289  | 289  | 288  | 288  | 287  | 287  | 286  | 285  | 285  | 284  | 284  | 283  | 283  | 283  | 283  |
| 20                 | 289  | 288  | 287  | 286  | 284  | 283  | 282  | 281  | 280  | 279  | 278  | 277  | 276  | 275  | 274  | 274  | 273  | 273  | 273  |
| 25                 | 287  | 285  | 283  | 281  | 279  | 277  | 276  | 274  | 273  | 271  | 269  | 267  | 266  | 264  | 263  | 262  | 261  | 260  | 260  |
| 30                 | 286  | 283  | 280  | 277  | 274  | 272  | 269  | 267  | 264  | 262  | 259  | 256  | 254  | 252  | 250  | 248  | 247  | 246  | 245  |
| 35                 | 287  | 283  | 279  | 274  | 270  | 267  | 263  | 259  | 256  | 252  | 248  | 245  | 241  | 238  | 235  | 233  | 231  | 229  | 228  |
| 40                 | 287  | 282  | 277  | 272  | 267  | 262  | 257  | 252  | 248  | 244  | 238  | 233  | 228  | 224  | 220  | 217  | 214  | 212  | 210  |
| 45                 | 285  | 279  | 273  | 268  | 262  | 256  | 251  | 245  | 240  | 235  | 228  | 221  | 215  | 209  | 204  | 199  | 195  | 192  | 190  |
| 50                 | 280  | 274  | 268  | 262  | 255  | 249  | 243  | 237  | 231  | 224  | 216  | 208  | 200  | 192  | 185  | 179  | 174  | 170  | 168  |
| 55                 | 273  | 266  | 260  | 253  | 247  | 240  | 233  | 226  | 219  | 212  | 202  | 193  | 183  | 175  | 166  | 159  | 153  | 149  | 145  |
| 60                 | 263  | 256  | 249  | 242  | 235  | 227  | 220  | 212  | 205  | 197  | 186  | 175  | 165  | 155  | 146  | 138  | 131  | 126  | 122  |
| 65                 | 251  | 244  | 237  | 229  | 221  | 213  | 205  | 197  | 189  | 180  | 168  | 157  | 145  | 134  | 124  | 115  | 108  | 102  | 97.5 |
| 70                 | 238  | 229  | 221  | 213  | 204  | 196  | 187  | 178  | 169  | 160  | 147  | 135  | 123  | 111  | 101  | 91.4 | 83.5 | 77.2 | 72.9 |
| 75                 | 218  | 210  | 201  | 192  | 183  | 174  | 165  | 156  | 147  | 138  | 125  | 112  | 99.8 | 88.3 | 77.6 | 68.2 | 60.1 | 53.8 | 49.4 |
| 80                 | 166  | 161  | 155  | 150  | 144  | 138  | 131  | 124  | 117  | 109  | 98.4 | 87.3 | 76.4 | 65.9 | 56.0 | 47.1 | 39.3 | 33.0 | 28.2 |
| 85                 | 87.1 | 84.4 | 81.4 | 78.3 | 75.0 | 71.5 | 67.8 | 63.9 | 59.9 | 55.6 | 49.5 | 43.3 | 37.1 | 31.2 | 25.6 | 20.5 | 15.9 | 12.1 | 9.08 |
| 90                 | 11.0 | 9.76 | 8.58 | 7.48 | 6.46 | 5.52 | 4.67 | 3.89 | 3.19 | 2.58 | 2.10 | 1.70 | 1.38 | 1.12 | 0.92 | 0.78 | 0.70 | 0.66 | 0.67 |
| 95                 | 57.5 | 55.4 | 53.1 | 50.8 | 48.5 | 46.0 | 43.5 | 40.9 | 38.2 | 35.4 | 31.7 | 27.9 | 24.2 | 20.6 | 17.2 | 14.1 | 11.3 | 8.92 | 7.02 |
| 100                | 93.0 | 90.6 | 88.0 | 85.3 | 82.3 | 79.2 | 75.9 | 72.5 | 68.8 | 65.0 | 59.4 | 53.7 | 48.1 | 42.7 | 37.6 | 32.9 | 28.8 | 25.3 | 22.6 |
| 105                | 126  | 123  | 120  | 116  | 112  | 108  | 104  | 99.9 | 95.4 | 90.7 | 83.9 | 77.0 | 70.3 | 63.8 | 57.7 | 52.1 | 47.3 | 43.3 | 40.3 |
| 110                | 143  | 139  | 135  | 131  | 127  | 122  | 118  | 114  | 109  | 105  | 98.3 | 92.1 | 85.9 | 80.1 | 74.6 | 69.7 | 65.4 | 61.9 | 59.3 |
| 115                | 152  | 149  | 146  | 142  | 139  | 135  | 131  | 127  | 123  | 119  | 114  | 108  | 103  | 97.3 | 92.4 | 88.0 | 84.1 | 80.9 | 78.5 |
| 120                | 161  | 159  | 156  | 154  | 151  | 148  | 145  | 141  | 138  | 135  | 130  | 125  | 120  | 115  | 110  | 106  | 102  | 99.5 | 97.2 |
| 125                | 173  | 170  | 168  | 165  | 162  | 160  | 157  | 154  | 151  | 148  | 143  | 139  | 134  | 130  | 126  | 123  | 120  | 117  | 115  |
| 130                | 182  | 180  | 177  | 175  | 172  | 170  | 167  | 164  | 162  | 159  | 155  | 151  | 148  | 144  | 141  | 138  | 135  | 133  | 131  |
| 135                | 190  | 187  | 185  | 183  | 180  | 178  | 176  | 173  | 171  | 169  | 165  | 163  | 160  | 157  | 154  | 152  | 150  | 148  | 147  |
| 140                | 195  | 193  | 191  | 189  | 187  | 185  | 183  | 181  | 179  | 177  | 175  | 173  | 171  | 169  | 167  | 165  | 163  | 162  | 161  |
| 145                | 199  | 197  | 196  | 194  | 193  | 191  | 190  | 189  | 187  | 186  | 184  | 182  | 181  | 179  | 178  | 177  | 176  | 175  | 174  |
| 150                | 203  | 202  | 201  | 200  | 199  | 198  | 197  | 196  | 195  | 194  | 193  | 192  | 190  | 189  | 188  | 187  | 186  | 186  | 185  |
| 155                | 207  | 206  | 206  | 205  | 204  | 204  | 203  | 202  | 202  | 201  | 200  | 199  | 199  | 198  | 197  | 196  | 196  | 195  | 195  |
| 160                | 210  | 210  | 210  | 209  | 209  | 209  | 208  | 208  | 207  | 207  | 206  | 206  | 205  | 205  | 204  | 204  | 203  | 203  | 203  |
| 165                | 213  | 213  | 213  | 213  | 212  | 212  | 212  | 212  | 212  | 211  | 211  | 211  | 210  | 210  | 210  | 209  | 209  | 209  | 209  |
| 170                | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 214  | 214  | 214  | 214  | 214  | 214  | 214  | 213  | 213  | 213  | 213  | 213  |
| 175                | 216  | 216  | 216  | 216  | 216  | 216  | 216  | 216  | 216  | 216  | 216  | 216  | 216  | 216  | 215  | 215  | 215  | 215  | 215  |
| 180                | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  |

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:121.3V I:0.1310A P:15.90W PF:0.9900 Freq:60.00Hz Lamp Flux:1896.9x1 lm |            |                  |
| NAME: 14代2FT                                                                  | TYPE:3000K | WEIGHT:          |
| SPEC.:                                                                        | DIM.:      | SERIAL No.:      |
| MFR.: EVERFINE                                                                | SUR.:      | 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                  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  |
| 5                  | 295  | 295  | 295  | 295  | 295  | 295  | 296  | 296  | 296  | 296  | 296  | 296  | 296  | 296  | 296  | 296  | 296  | 296  | 296  |
| 10                 | 290  | 290  | 291  | 291  | 291  | 291  | 292  | 292  | 292  | 293  | 293  | 293  | 293  | 293  | 293  | 293  | 293  | 294  | 294  |
| 15                 | 283  | 283  | 284  | 284  | 285  | 285  | 286  | 286  | 287  | 288  | 288  | 289  | 289  | 289  | 290  | 290  | 290  | 291  | 291  |
| 20                 | 273  | 273  | 274  | 275  | 276  | 277  | 278  | 279  | 280  | 281  | 282  | 284  | 285  | 285  | 286  | 287  | 288  | 288  | 288  |
| 25                 | 260  | 261  | 262  | 264  | 265  | 267  | 269  | 271  | 273  | 275  | 276  | 278  | 280  | 282  | 284  | 285  | 286  | 287  | 286  |
| 30                 | 246  | 247  | 249  | 251  | 253  | 256  | 258  | 261  | 264  | 267  | 271  | 274  | 277  | 280  | 282  | 285  | 287  | 288  | 287  |
| 35                 | 230  | 232  | 234  | 237  | 240  | 244  | 248  | 252  | 256  | 260  | 265  | 269  | 274  | 277  | 281  | 284  | 287  | 289  | 287  |
| 40                 | 212  | 215  | 219  | 223  | 227  | 232  | 237  | 243  | 248  | 254  | 259  | 265  | 270  | 275  | 279  | 283  | 286  | 288  | 286  |
| 45                 | 193  | 196  | 201  | 206  | 212  | 219  | 225  | 232  | 240  | 246  | 253  | 259  | 265  | 270  | 275  | 279  | 282  | 284  | 283  |
| 50                 | 171  | 176  | 182  | 188  | 196  | 204  | 212  | 221  | 229  | 237  | 244  | 251  | 257  | 263  | 268  | 272  | 276  | 278  | 277  |
| 55                 | 149  | 155  | 161  | 169  | 178  | 187  | 197  | 207  | 216  | 225  | 233  | 240  | 247  | 254  | 259  | 264  | 267  | 270  | 268  |
| 60                 | 126  | 132  | 140  | 149  | 158  | 168  | 179  | 190  | 201  | 210  | 219  | 227  | 235  | 242  | 248  | 253  | 256  | 259  | 256  |
| 65                 | 102  | 109  | 117  | 127  | 137  | 148  | 160  | 172  | 184  | 194  | 204  | 212  | 221  | 228  | 234  | 240  | 244  | 246  | 243  |
| 70                 | 77.8 | 84.6 | 93.1 | 103  | 114  | 126  | 138  | 150  | 163  | 174  | 184  | 194  | 203  | 211  | 218  | 224  | 228  | 231  | 228  |
| 75                 | 54.7 | 61.8 | 70.5 | 80.5 | 91.5 | 103  | 115  | 127  | 139  | 148  | 156  | 163  | 169  | 175  | 180  | 183  | 186  | 188  | 186  |
| 80                 | 32.6 | 38.5 | 45.8 | 54.0 | 63.0 | 72.5 | 82.0 | 91.5 | 100  | 104  | 107  | 110  | 112  | 113  | 114  | 114  | 114  | 114  | 114  |
| 85                 | 11.1 | 13.9 | 17.4 | 21.3 | 25.5 | 29.8 | 34.1 | 38.1 | 41.8 | 41.2 | 40.2 | 38.8 | 37.1 | 35.2 | 33.3 | 31.4 | 29.7 | 28.1 | 29.5 |
| 90                 | 0.76 | 0.88 | 1.03 | 1.19 | 1.36 | 1.54 | 1.71 | 1.87 | 2.01 | 1.95 | 1.87 | 1.77 | 1.66 | 1.55 | 1.43 | 1.33 | 1.23 | 1.16 | 1.25 |
| 95                 | 7.78 | 9.00 | 10.6 | 12.4 | 14.4 | 16.5 | 18.6 | 20.6 | 22.4 | 21.9 | 21.2 | 20.4 | 19.4 | 18.4 | 17.4 | 16.5 | 15.7 | 15.0 | 16.4 |
| 100                | 24.1 | 26.3 | 29.2 | 32.7 | 36.5 | 40.7 | 45.0 | 49.3 | 53.5 | 56.0 | 58.2 | 60.3 | 62.1 | 63.6 | 64.9 | 65.9 | 66.7 | 67.1 | 67.3 |
| 105                | 42.5 | 45.8 | 49.8 | 54.5 | 59.7 | 65.2 | 70.9 | 76.6 | 82.2 | 85.2 | 87.9 | 90.4 | 92.4 | 94.2 | 95.6 | 96.8 | 97.5 | 98.0 | 98.3 |
| 110                | 61.0 | 63.5 | 66.9 | 70.9 | 75.4 | 80.4 | 85.7 | 91.2 | 96.8 | 102  | 107  | 112  | 116  | 120  | 124  | 127  | 129  | 131  | 130  |
| 115                | 79.8 | 81.8 | 84.6 | 87.9 | 91.8 | 96.1 | 101  | 106  | 111  | 116  | 121  | 125  | 130  | 134  | 138  | 141  | 144  | 145  | 144  |
| 120                | 98.3 | 100  | 103  | 106  | 109  | 113  | 117  | 122  | 126  | 130  | 134  | 138  | 141  | 145  | 148  | 150  | 152  | 154  | 153  |
| 125                | 116  | 118  | 120  | 122  | 125  | 129  | 132  | 136  | 140  | 143  | 147  | 150  | 153  | 156  | 159  | 161  | 162  | 164  | 163  |
| 130                | 132  | 134  | 135  | 137  | 140  | 143  | 146  | 149  | 152  | 155  | 158  | 161  | 164  | 167  | 169  | 171  | 173  | 174  | 173  |
| 135                | 148  | 149  | 150  | 151  | 153  | 155  | 158  | 160  | 162  | 165  | 168  | 171  | 173  | 176  | 178  | 180  | 181  | 182  | 182  |
| 140                | 162  | 162  | 163  | 164  | 165  | 167  | 168  | 170  | 172  | 174  | 177  | 179  | 181  | 184  | 185  | 187  | 188  | 189  | 189  |
| 145                | 174  | 175  | 175  | 176  | 177  | 178  | 179  | 180  | 181  | 183  | 185  | 187  | 188  | 190  | 191  | 193  | 194  | 194  | 194  |
| 150                | 185  | 185  | 186  | 186  | 187  | 187  | 188  | 189  | 190  | 191  | 192  | 193  | 194  | 195  | 196  | 197  | 198  | 198  | 198  |
| 155                | 195  | 195  | 195  | 195  | 195  | 196  | 196  | 197  | 197  | 198  | 199  | 199  | 200  | 201  | 201  | 202  | 202  | 202  | 202  |
| 160                | 202  | 202  | 203  | 203  | 203  | 203  | 203  | 203  | 204  | 204  | 204  | 205  | 205  | 205  | 205  | 206  | 206  | 206  | 206  |
| 165                | 209  | 209  | 208  | 209  | 209  | 209  | 209  | 209  | 209  | 209  | 209  | 209  | 209  | 209  | 209  | 209  | 209  | 209  | 209  |
| 170                | 213  | 213  | 213  | 213  | 213  | 213  | 212  | 212  | 212  | 212  | 212  | 212  | 212  | 212  | 212  | 212  | 212  | 212  | 212  |
| 175                | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 214  | 214  | 214  | 214  | 214  | 214  |
| 180                | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  |

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:121.3V I:0.1310A P:15.90W PF:0.9900 Freq:60.00Hz Lamp Flux:1896.9x1 lm |  |  |  |  |  |  |  |  |            |  |  |  |  |                  |  |  |  |  |
| NAME: 14代2FT                                                                  |  |  |  |  |  |  |  |  | TYPE:3000K |  |  |  |  | WEIGHT:          |  |  |  |  |
| SPEC.:                                                                        |  |  |  |  |  |  |  |  | DIM.:      |  |  |  |  | SERIAL No.:      |  |  |  |  |
| MFR.: EVERFINE                                                                |  |  |  |  |  |  |  |  | SUR.:      |  |  |  |  | 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                  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  |
| 5                  | 296  | 296  | 296  | 296  | 296  | 296  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  |
| 10                 | 294  | 294  | 294  | 294  | 294  | 294  | 294  | 294  | 294  | 294  | 294  | 294  | 294  | 294  | 293  | 293  | 293  | 293  | 293  |
| 15                 | 291  | 291  | 291  | 290  | 290  | 290  | 290  | 290  | 289  | 289  | 289  | 288  | 288  | 288  | 288  | 288  | 287  | 287  | 288  |
| 20                 | 288  | 288  | 287  | 286  | 286  | 285  | 284  | 284  | 283  | 282  | 282  | 281  | 280  | 280  | 279  | 279  | 279  | 279  | 279  |
| 25                 | 286  | 285  | 284  | 283  | 281  | 280  | 278  | 277  | 275  | 274  | 273  | 271  | 270  | 269  | 269  | 268  | 267  | 268  | 268  |
| 30                 | 286  | 284  | 282  | 280  | 277  | 275  | 272  | 269  | 267  | 264  | 262  | 260  | 259  | 257  | 256  | 255  | 254  | 255  | 255  |
| 35                 | 286  | 283  | 280  | 277  | 273  | 270  | 266  | 262  | 258  | 255  | 251  | 248  | 246  | 243  | 241  | 239  | 238  | 239  | 240  |
| 40                 | 284  | 281  | 278  | 274  | 269  | 265  | 260  | 255  | 250  | 245  | 240  | 235  | 231  | 227  | 224  | 222  | 220  | 221  | 224  |
| 45                 | 280  | 277  | 273  | 268  | 263  | 258  | 252  | 246  | 240  | 233  | 227  | 221  | 215  | 210  | 206  | 203  | 200  | 202  | 205  |
| 50                 | 274  | 270  | 266  | 261  | 255  | 249  | 242  | 235  | 227  | 220  | 212  | 205  | 198  | 192  | 186  | 182  | 179  | 182  | 186  |
| 55                 | 265  | 261  | 256  | 250  | 243  | 236  | 229  | 221  | 212  | 203  | 194  | 186  | 178  | 171  | 165  | 160  | 156  | 160  | 164  |
| 60                 | 253  | 248  | 242  | 236  | 229  | 221  | 212  | 204  | 193  | 183  | 173  | 164  | 155  | 147  | 140  | 135  | 131  | 135  | 140  |
| 65                 | 239  | 234  | 227  | 220  | 211  | 202  | 193  | 183  | 172  | 161  | 151  | 140  | 131  | 123  | 115  | 110  | 106  | 110  | 115  |
| 70                 | 223  | 217  | 209  | 201  | 191  | 182  | 171  | 161  | 149  | 137  | 126  | 116  | 106  | 97.2 | 89.8 | 83.9 | 79.9 | 84.1 | 90.1 |
| 75                 | 183  | 179  | 173  | 168  | 161  | 154  | 146  | 137  | 126  | 115  | 103  | 92.5 | 82.4 | 73.3 | 65.5 | 59.2 | 54.8 | 59.5 | 66.0 |
| 80                 | 113  | 113  | 112  | 110  | 108  | 105  | 102  | 97.9 | 89.3 | 80.4 | 71.4 | 62.6 | 54.3 | 46.7 | 40.2 | 35.0 | 31.3 | 36.5 | 43.4 |
| 85                 | 31.2 | 33.0 | 34.8 | 36.6 | 38.2 | 39.6 | 40.6 | 41.3 | 37.9 | 34.2 | 30.2 | 26.3 | 22.4 | 18.8 | 15.7 | 13.2 | 11.5 | 14.6 | 18.6 |
| 90                 | 1.37 | 1.49 | 1.63 | 1.76 | 1.89 | 2.01 | 2.11 | 2.19 | 2.05 | 1.90 | 1.73 | 1.56 | 1.40 | 1.25 | 1.12 | 1.02 | 0.97 | 1.05 | 1.19 |
| 95                 | 17.9 | 19.5 | 21.2 | 22.8 | 24.3 | 25.6 | 26.7 | 27.4 | 25.3 | 22.9 | 20.3 | 17.6 | 15.1 | 12.7 | 10.6 | 8.85 | 7.66 | 9.79 | 12.5 |
| 100                | 67.2 | 66.7 | 66.0 | 65.0 | 63.7 | 62.0 | 60.1 | 57.8 | 53.1 | 48.3 | 43.5 | 38.7 | 34.3 | 30.2 | 26.7 | 24.0 | 22.0 | 24.9 | 28.7 |
| 105                | 98.3 | 97.9 | 97.1 | 95.9 | 94.4 | 92.4 | 90.0 | 87.1 | 81.2 | 75.0 | 68.8 | 62.6 | 56.6 | 51.2 | 46.3 | 42.3 | 39.2 | 41.6 | 45.0 |
| 110                | 128  | 126  | 123  | 120  | 116  | 111  | 107  | 102  | 95.8 | 89.8 | 83.8 | 78.0 | 72.6 | 67.7 | 63.5 | 60.0 | 57.5 | 59.3 | 62.2 |
| 115                | 142  | 140  | 136  | 133  | 129  | 124  | 119  | 114  | 109  | 104  | 98.3 | 93.3 | 88.6 | 84.4 | 80.8 | 78.0 | 75.9 | 77.8 | 80.5 |
| 120                | 151  | 149  | 146  | 143  | 140  | 136  | 133  | 129  | 124  | 119  | 114  | 110  | 106  | 102  | 98.5 | 95.9 | 94.1 | 95.7 | 98.2 |
| 125                | 161  | 159  | 157  | 154  | 151  | 148  | 145  | 141  | 137  | 133  | 129  | 125  | 121  | 118  | 115  | 113  | 112  | 113  | 115  |
| 130                | 172  | 170  | 168  | 166  | 163  | 160  | 157  | 154  | 150  | 147  | 143  | 140  | 137  | 134  | 131  | 129  | 128  | 129  | 131  |
| 135                | 180  | 179  | 177  | 174  | 172  | 169  | 167  | 164  | 161  | 158  | 155  | 152  | 150  | 148  | 146  | 144  | 143  | 144  | 145  |
| 140                | 187  | 186  | 184  | 182  | 180  | 178  | 175  | 173  | 170  | 168  | 166  | 164  | 162  | 160  | 159  | 158  | 157  | 158  | 159  |
| 145                | 193  | 192  | 190  | 189  | 187  | 185  | 183  | 181  | 180  | 178  | 176  | 175  | 173  | 172  | 171  | 170  | 170  | 170  | 171  |
| 150                | 197  | 196  | 195  | 194  | 193  | 192  | 191  | 190  | 188  | 187  | 186  | 185  | 184  | 183  | 182  | 181  | 181  | 182  | 182  |
| 155                | 201  | 201  | 200  | 200  | 199  | 198  | 198  | 197  | 196  | 195  | 194  | 194  | 193  | 192  | 192  | 191  | 191  | 192  | 192  |
| 160                | 206  | 205  | 205  | 205  | 204  | 204  | 204  | 203  | 203  | 202  | 202  | 201  | 201  | 200  | 200  | 200  | 199  | 200  | 200  |
| 165                | 209  | 209  | 209  | 209  | 209  | 209  | 208  | 208  | 208  | 208  | 207  | 207  | 207  | 207  | 206  | 206  | 206  | 206  | 207  |
| 170                | 212  | 212  | 212  | 212  | 212  | 212  | 212  | 212  | 212  | 212  | 212  | 212  | 212  | 211  | 211  | 211  | 211  | 211  | 212  |
| 175                | 214  | 214  | 214  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 214  | 214  | 214  | 214  | 214  | 214  | 215  |
| 180                | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  |

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:121.3V I:0.1310A P:15.90W PF:0.9900 Freq:60.00Hz Lamp Flux:1896.9x1 lm |  |  |  |  |  |  |  |  |            |  |  |  |  |  |                  |  |  |
| NAME: 14代2FT                                                                  |  |  |  |  |  |  |  |  | TYPE:3000K |  |  |  |  |  | WEIGHT:          |  |  |
| SPEC.:                                                                        |  |  |  |  |  |  |  |  | DIM.:      |  |  |  |  |  | SERIAL No.:      |  |  |
| MFR.: EVERFINE                                                                |  |  |  |  |  |  |  |  | SUR.:      |  |  |  |  |  | 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                  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  |  |  |  |  |
| 5                  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  | 297  |  |  |  |  |
| 10                 | 293  | 294  | 294  | 294  | 294  | 294  | 294  | 294  | 294  | 294  | 294  | 294  | 295  | 295  | 295  |  |  |  |  |
| 15                 | 288  | 288  | 288  | 288  | 289  | 289  | 289  | 290  | 290  | 290  | 290  | 291  | 291  | 291  | 292  |  |  |  |  |
| 20                 | 280  | 280  | 281  | 281  | 282  | 283  | 283  | 284  | 284  | 285  | 286  | 286  | 287  | 288  | 288  |  |  |  |  |
| 25                 | 269  | 270  | 271  | 272  | 273  | 275  | 276  | 277  | 278  | 279  | 280  | 282  | 283  | 284  | 285  |  |  |  |  |
| 30                 | 257  | 258  | 260  | 261  | 263  | 266  | 268  | 270  | 272  | 274  | 276  | 278  | 280  | 282  | 284  |  |  |  |  |
| 35                 | 242  | 244  | 247  | 250  | 253  | 256  | 260  | 262  | 265  | 268  | 271  | 274  | 277  | 281  | 284  |  |  |  |  |
| 40                 | 226  | 230  | 234  | 238  | 242  | 247  | 252  | 256  | 260  | 263  | 267  | 271  | 275  | 279  | 283  |  |  |  |  |
| 45                 | 209  | 214  | 219  | 225  | 231  | 237  | 244  | 248  | 253  | 258  | 262  | 267  | 271  | 276  | 280  |  |  |  |  |
| 50                 | 191  | 197  | 203  | 210  | 218  | 225  | 233  | 239  | 244  | 250  | 255  | 260  | 265  | 270  | 275  |  |  |  |  |
| 55                 | 170  | 177  | 185  | 193  | 202  | 211  | 220  | 226  | 233  | 239  | 245  | 251  | 256  | 262  | 267  |  |  |  |  |
| 60                 | 146  | 154  | 163  | 172  | 182  | 192  | 203  | 210  | 217  | 224  | 231  | 238  | 244  | 251  | 257  |  |  |  |  |
| 65                 | 122  | 131  | 140  | 150  | 161  | 172  | 183  | 191  | 199  | 207  | 215  | 222  | 230  | 237  | 244  |  |  |  |  |
| 70                 | 97.6 | 106  | 116  | 127  | 139  | 150  | 162  | 171  | 180  | 188  | 197  | 205  | 213  | 221  | 230  |  |  |  |  |
| 75                 | 74.1 | 83.6 | 94.2 | 106  | 118  | 130  | 143  | 152  | 160  | 169  | 178  | 186  | 194  | 203  | 211  |  |  |  |  |
| 80                 | 51.5 | 60.8 | 70.9 | 81.7 | 92.8 | 104  | 115  | 122  | 129  | 136  | 142  | 147  | 152  | 157  | 162  |  |  |  |  |
| 85                 | 23.2 | 28.3 | 33.9 | 39.8 | 45.9 | 52.0 | 58.0 | 62.1 | 66.0 | 69.6 | 73.1 | 76.3 | 79.3 | 82.1 | 84.7 |  |  |  |  |
| 90                 | 1.37 | 1.60 | 1.89 | 2.23 | 2.63 | 3.08 | 3.60 | 4.18 | 4.83 | 5.54 | 6.30 | 7.13 | 8.01 | 8.96 | 9.96 |  |  |  |  |
| 95                 | 15.6 | 19.1 | 22.9 | 26.9 | 31.0 | 35.1 | 39.1 | 41.8 | 44.3 | 46.7 | 48.9 | 50.9 | 52.8 | 54.5 | 56.1 |  |  |  |  |
| 100                | 33.1 | 38.2 | 43.7 | 49.5 | 55.5 | 61.5 | 67.5 | 71.3 | 74.8 | 78.2 | 81.3 | 84.1 | 86.7 | 89.0 | 91.1 |  |  |  |  |
| 105                | 49.3 | 54.3 | 60.0 | 66.1 | 72.6 | 79.2 | 85.9 | 90.7 | 95.4 | 100  | 105  | 109  | 113  | 118  | 122  |  |  |  |  |
| 110                | 65.8 | 70.2 | 75.2 | 80.6 | 86.5 | 92.6 | 98.8 | 104  | 108  | 113  | 118  | 123  | 128  | 133  | 138  |  |  |  |  |
| 115                | 83.9 | 88.0 | 92.6 | 97.6 | 103  | 108  | 114  | 118  | 123  | 127  | 131  | 135  | 140  | 144  | 148  |  |  |  |  |
| 120                | 101  | 105  | 109  | 113  | 118  | 123  | 128  | 132  | 136  | 139  | 143  | 147  | 150  | 154  | 158  |  |  |  |  |
| 125                | 117  | 121  | 124  | 128  | 132  | 136  | 141  | 144  | 148  | 151  | 155  | 158  | 162  | 165  | 169  |  |  |  |  |
| 130                | 133  | 135  | 138  | 142  | 145  | 149  | 153  | 156  | 159  | 162  | 165  | 168  | 172  | 175  | 178  |  |  |  |  |
| 135                | 147  | 149  | 151  | 154  | 156  | 159  | 163  | 165  | 168  | 171  | 174  | 177  | 180  | 183  | 186  |  |  |  |  |
| 140                | 160  | 161  | 163  | 165  | 167  | 170  | 172  | 174  | 177  | 179  | 181  | 184  | 187  | 189  | 192  |  |  |  |  |
| 145                | 172  | 173  | 175  | 176  | 178  | 180  | 182  | 184  | 185  | 187  | 189  | 191  | 193  | 195  | 197  |  |  |  |  |
| 150                | 183  | 184  | 185  | 187  | 188  | 190  | 191  | 192  | 193  | 195  | 196  | 197  | 199  | 200  | 201  |  |  |  |  |
| 155                | 193  | 194  | 194  | 195  | 196  | 197  | 198  | 199  | 200  | 201  | 202  | 203  | 204  | 205  | 206  |  |  |  |  |
| 160                | 201  | 201  | 202  | 203  | 203  | 204  | 205  | 205  | 206  | 207  | 207  | 208  | 208  | 209  | 210  |  |  |  |  |
| 165                | 207  | 207  | 208  | 208  | 209  | 209  | 210  | 210  | 210  | 211  | 211  | 212  | 212  | 212  | 213  |  |  |  |  |
| 170                | 212  | 212  | 212  | 212  | 213  | 213  | 213  | 213  | 213  | 214  | 214  | 214  | 214  | 214  | 215  |  |  |  |  |
| 175                | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 216  | 216  | 216  | 216  |  |  |  |  |
| 180                | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  | 215  |  |  |  |  |

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: