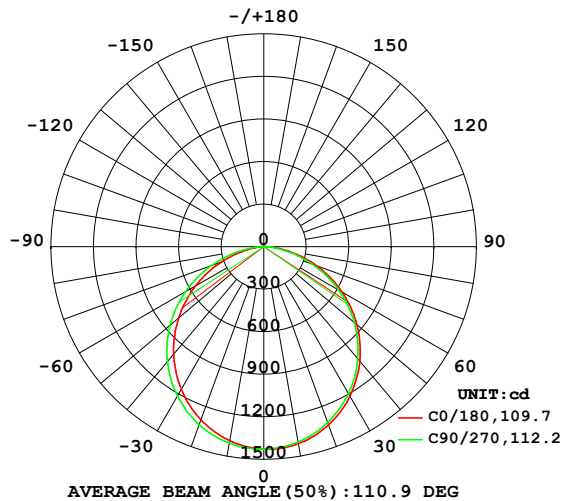


## LUMINAIRE PHOTOMETRIC TEST REPORT

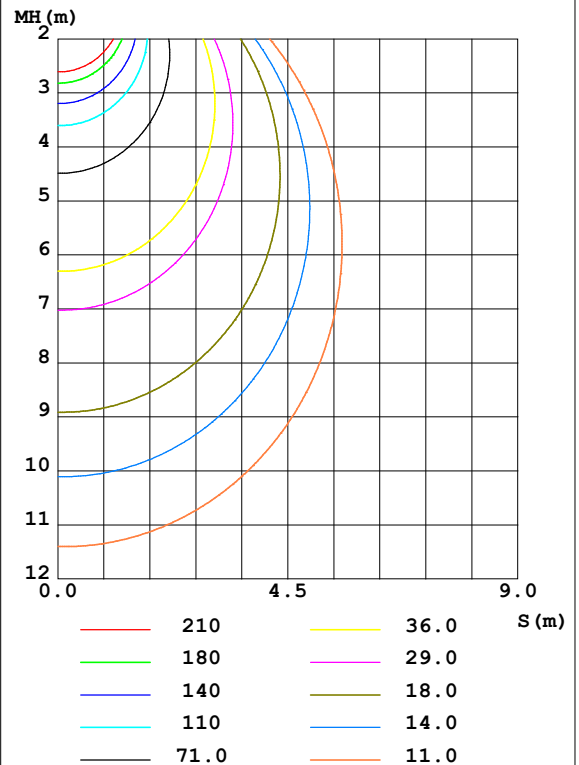
|                                                                                |                     |                  |
|--------------------------------------------------------------------------------|---------------------|------------------|
| Test:U:121.1V I:0.2400A P:29.00W PF:0.9970 Freq:50.00Hz Lamp Flux:3988.27x1 lm |                     |                  |
| NAME: 净化灯                                                                      | TYPE:3000K          | WEIGHT:          |
| SPEC.:                                                                         | DIM.: 4FT           | SERIAL No.:      |
| MFR.: WS                                                                       | SUR.:0.0825*3.14715 | Shielding Angle: |

| DATA OF LAMP     |         | PHOTOMETRIC DATA Eff: 137.53 lm/W |        |                   |          |
|------------------|---------|-----------------------------------|--------|-------------------|----------|
| MODEL            | 1X4     | I <sub>max</sub> (cd)             | 1429   | S/MH(C0/180)      | 1.22     |
| NOMINAL POWER(W) | 30W     | LOR(%)                            | 100.0  | S/MH(C90/270)     | 1.27     |
| RATED VOLTAGE(V) | 120     | TOTAL FLUX(lm)                    | 3988.3 | η UP,DN(C0-180)   | 0.1,50.6 |
| NOMINAL FLUX(lm) | 3988.27 | CIE CLASS                         | DIRECT | η UP,DN(C180-360) | 0.1,49.3 |
| LAMPS INSIDE     | 1       | η up(%)                           | 0.1    | CIBSE SHR NOM     | 1.25     |
| TEST VOLTAGE(V)  | 120     | η down(%)                         | 99.9   | CIBSE SHR MAX     | 1.35     |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2026-02-28

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:7.540m [K=1.0000]  
Remarks:

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

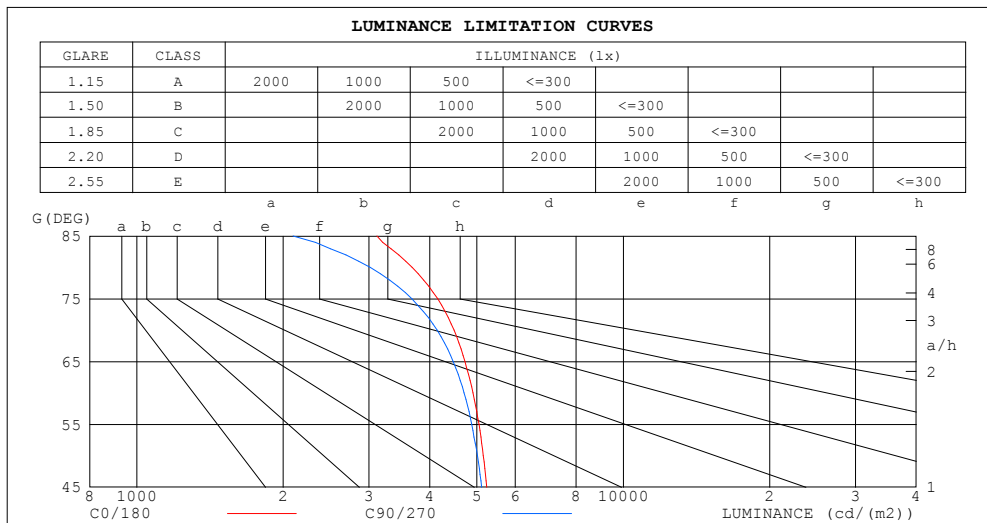
| $\gamma$ | C0                    | C45    | C90    | C135   | C180   | C225   | C270   | C315   | $\gamma$ | $\Phi$ zone | $\Phi$ total | %lum, lamp |
|----------|-----------------------|--------|--------|--------|--------|--------|--------|--------|----------|-------------|--------------|------------|
| 10       | 1411                  | 1408   | 1399   | 1396   | 1389   | 1394   | 1406   | 1406   | 0- 10    | 135.0       | 135.0        | 3.39,3.39  |
| 20       | 1338                  | 1337   | 1320   | 1314   | 1299   | 1310   | 1335   | 1332   | 10- 20   | 386.1       | 521.2        | 13.1,13.1  |
| 30       | 1217                  | 1217   | 1196   | 1186   | 1163   | 1180   | 1217   | 1210   | 20- 30   | 583.3       | 1104         | 27.7,27.7  |
| 40       | 1054                  | 1056   | 1032   | 1019   | 989.0  | 1010   | 1058   | 1046   | 30- 40   | 700.5       | 1805         | 45.3,45.3  |
| 50       | 857.8                 | 860.3  | 834.4  | 818.6  | 783.9  | 807.9  | 862.4  | 848.5  | 40- 50   | 722.7       | 2528         | 63.4,63.4  |
| 60       | 635.1                 | 637.3  | 609.3  | 593.4  | 557.8  | 579.9  | 638.8  | 622.8  | 50- 60   | 647.2       | 3175         | 79.6,79.6  |
| 70       | 397.1                 | 397.4  | 366.9  | 353.7  | 318.5  | 337.8  | 395.2  | 379.9  | 60- 70   | 484.3       | 3659         | 91.7,91.7  |
| 80       | 165.4                 | 163.8  | 135.7  | 126.4  | 100.5  | 114.8  | 158.0  | 149.0  | 70- 80   | 264.3       | 3923         | 98.4,98.4  |
| 90       | 4.354                 | 2.731  | 0.1946 | 0.1793 | 0.1671 | 0.1698 | 0.2509 | 0.3967 | 80- 90   | 60.31       | 3984         | 99.9,99.9  |
| 100      | 0.2587                | 0.3056 | 0.2951 | 0.3102 | 0.3002 | 0.2909 | 0.2785 | 0.3148 | 90-100   | 0.3014      | 3984         | 99.9,99.9  |
| 110      | 0.4160                | 0.4560 | 0.4765 | 0.4870 | 0.5205 | 0.4752 | 0.4456 | 0.4602 | 100-110  | 0.4002      | 3984         | 99.9,99.9  |
| 120      | 0.6022                | 0.6209 | 0.6654 | 0.6784 | 0.7937 | 0.6859 | 0.6320 | 0.6394 | 110-120  | 0.5574      | 3985         | 99.9,99.9  |
| 130      | 0.8030                | 0.7713 | 0.8519 | 0.8723 | 0.9657 | 0.8678 | 0.8111 | 0.7822 | 120-130  | 0.6753      | 3986         | 99.9,99.9  |
| 140      | 1.006                 | 0.9532 | 1.058  | 1.059  | 1.178  | 1.064  | 0.9732 | 0.9542 | 130-140  | 0.7221      | 3986         | 100,100    |
| 150      | 1.265                 | 1.152  | 1.237  | 1.228  | 1.379  | 1.249  | 1.210  | 1.129  | 140-150  | 0.7088      | 3987         | 100,100    |
| 160      | 1.449                 | 1.324  | 1.382  | 1.391  | 1.592  | 1.392  | 1.348  | 1.289  | 150-160  | 0.6078      | 3988         | 100,100    |
| 170      | 1.498                 | 1.414  | 1.472  | 1.502  | 1.730  | 1.598  | 1.445  | 1.407  | 160-170  | 0.4102      | 3988         | 100,100    |
| 180      | 1.638                 | 1.528  | 1.532  | 1.565  | 1.633  | 1.532  | 1.530  | 1.560  | 170-180  | 0.1460      | 3988         | 100,100    |
| DEG      | LUMINOUS INTENSITY:cd |        |        |        |        |        |        |        |          | UNIT:lm     |              |            |

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2026-02-28

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:7.540m [K=1.0000]  
Remarks:

## LUMINANCE LIMITATION CURVES

|                                                                                |                     |                  |
|--------------------------------------------------------------------------------|---------------------|------------------|
| Test:U:121.1V I:0.2400A P:29.00W PF:0.9970 Freq:50.00Hz Lamp Flux:3988.27x1 lm |                     |                  |
| NAME: 净化灯                                                                      | TYPE:3000K          | WEIGHT:          |
| SPEC.:                                                                         | DIM.: 4FT           | SERIAL No.:      |
| MFR.: WS                                                                       | SUR.:0.0825*3.14715 | Shielding Angle: |



| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G (DEG)           | C0/180 | C90/270 |
| 85                | 3116   | 2095    |
| 80                | 3681   | 3018    |
| 75                | 4156   | 3676    |
| 70                | 4488   | 4144    |
| 65                | 4728   | 4471    |
| 60                | 4909   | 4708    |
| 55                | 5051   | 4879    |
| 50                | 5157   | 5014    |
| 45                | 5244   | 5117    |

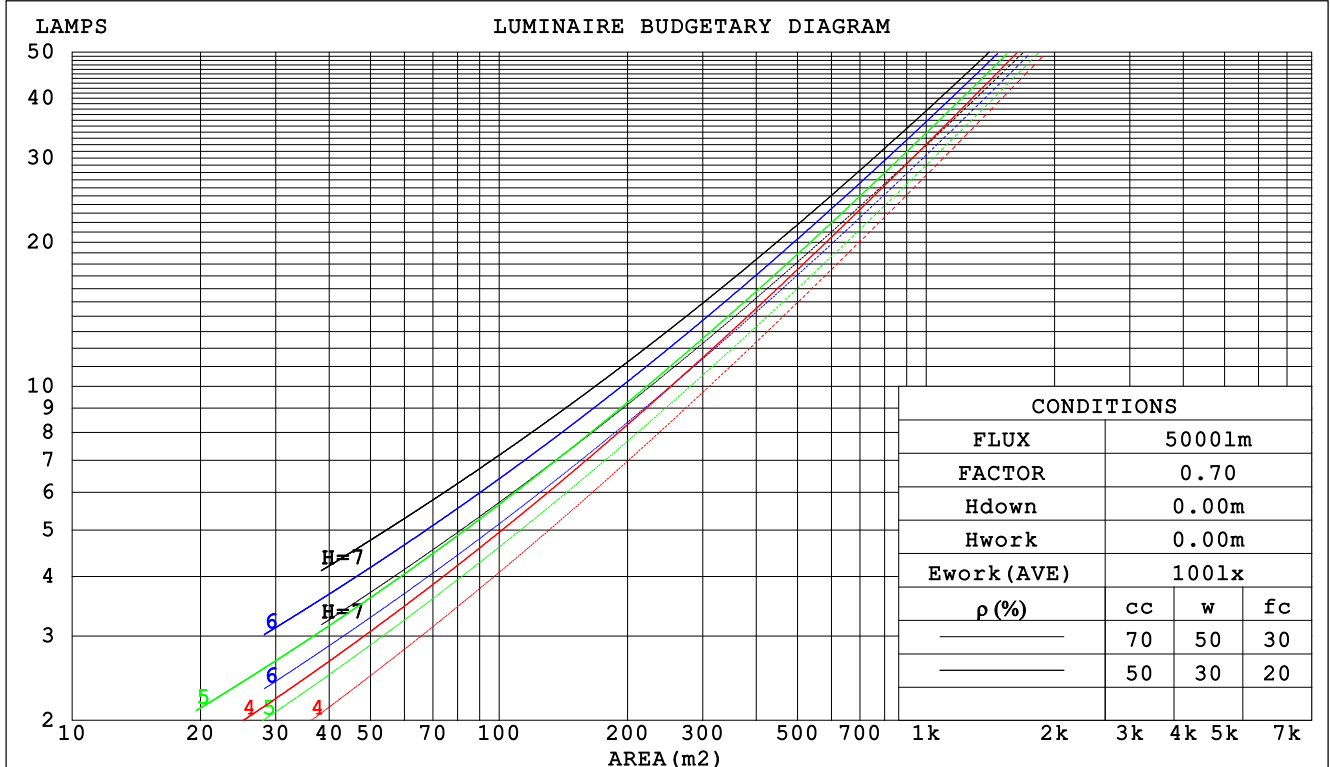
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2026-02-28

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:7.540m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

|                                                                                |                     |                  |
|--------------------------------------------------------------------------------|---------------------|------------------|
| Test:U:121.1V I:0.2400A P:29.00W PF:0.9970 Freq:50.00Hz Lamp Flux:3988.27x1 lm |                     |                  |
| NAME: 净化灯                                                                      | TYPE:3000K          | WEIGHT:          |
| SPEC.:                                                                         | DIM.: 4FT           | SERIAL No.:      |
| MFR.: WS                                                                       | SUR.:0.0825*3.14715 | 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                   | Coefficients of Utilization(CU) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
| RCR:Room Cavity Ratio |                                 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
| 0.0                   | 1.19                            | 1.19 | 1.19 | 1.16 | 1.16 | 1.16 | 1.11 | 1.11 | 1.11 | 1.06 | 1.06 | 1.06 | 1.02 | 1.02 | 1.02 | .00 |
| 1.0                   | 1.04                            | .00  | .96  | 1.02 | .98  | .95  | .98  | .94  | .92  | .94  | .91  | .89  | .90  | .88  | .86  | .84 |
| 2.0                   | .91                             | .84  | .78  | .89  | .83  | .77  | .85  | .80  | .76  | .82  | .78  | .74  | .79  | .75  | .72  | .70 |
| 3.0                   | .80                             | .72  | .65  | .78  | .71  | .65  | .75  | .69  | .63  | .72  | .67  | .62  | .70  | .65  | .61  | .59 |
| 4.0                   | .71                             | .62  | .55  | .69  | .61  | .55  | .67  | .60  | .54  | .64  | .58  | .53  | .62  | .57  | .53  | .50 |
| 5.0                   | .63                             | .54  | .48  | .62  | .54  | .47  | .60  | .52  | .47  | .58  | .51  | .46  | .56  | .50  | .46  | .44 |
| 6.0                   | .57                             | .48  | .41  | .56  | .47  | .41  | .54  | .47  | .41  | .52  | .46  | .41  | .51  | .45  | .40  | .38 |
| 7.0                   | .52                             | .43  | .37  | .51  | .42  | .36  | .49  | .42  | .36  | .48  | .41  | .36  | .46  | .40  | .36  | .34 |
| 8.0                   | .47                             | .39  | .33  | .46  | .38  | .33  | .45  | .38  | .32  | .44  | .37  | .32  | .43  | .36  | .32  | .30 |
| 9.0                   | .43                             | .35  | .29  | .43  | .35  | .29  | .41  | .34  | .29  | .40  | .34  | .29  | .39  | .33  | .29  | .27 |
| 10.0                  | .40                             | .32  | .27  | .39  | .32  | .27  | .38  | .31  | .26  | .37  | .31  | .26  | .36  | .30  | .26  | .24 |



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2026-02-28

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:7.540m [K=1.0000]  
Remarks:

### WEC AND CCEC

|                                                                                |                     |                  |
|--------------------------------------------------------------------------------|---------------------|------------------|
| Test:U:121.1V I:0.2400A P:29.00W PF:0.9970 Freq:50.00Hz Lamp Flux:3988.27x1 lm |                     |                  |
| NAME: 净化灯                                                                      | TYPE:3000K          | WEIGHT:          |
| SPEC.:                                                                         | DIM.: 4FT           | SERIAL No.:      |
| MFR.: WS                                                                       | SUR.:0.0825*3.14715 | 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  | .303                  | .173 | .055 | .296 | .169 | .054 | .283                             | .162 | .052 | .271 | .156 | .050 | .260 | .150 | .049 |   |  |
| 2.0  | .288                  | .158 | .048 | .281 | .155 | .048 | .270                             | .150 | .047 | .259 | .145 | .045 | .249 | .141 | .044 |   |  |
| 3.0  | .267                  | .142 | .043 | .262 | .140 | .042 | .251                             | .136 | .041 | .242 | .132 | .041 | .233 | .129 | .040 |   |  |
| 4.0  | .247                  | .128 | .038 | .242 | .127 | .037 | .233                             | .124 | .037 | .224 | .120 | .036 | .216 | .118 | .036 |   |  |
| 5.0  | .229                  | .117 | .034 | .224 | .115 | .034 | .216                             | .113 | .033 | .209 | .110 | .033 | .201 | .108 | .032 |   |  |
| 6.0  | .212                  | .106 | .030 | .208 | .105 | .030 | .201                             | .103 | .030 | .194 | .101 | .030 | .188 | .099 | .029 |   |  |
| 7.0  | .198                  | .098 | .028 | .194 | .097 | .028 | .188                             | .095 | .027 | .182 | .093 | .027 | .176 | .091 | .027 |   |  |
| 8.0  | .185                  | .090 | .025 | .182 | .089 | .025 | .176                             | .088 | .025 | .170 | .086 | .025 | .165 | .085 | .025 |   |  |
| 9.0  | .173                  | .084 | .023 | .171 | .083 | .023 | .165                             | .082 | .023 | .160 | .080 | .023 | .156 | .079 | .023 |   |  |
| 10.0 | .163                  | .078 | .022 | .161 | .078 | .022 | .156                             | .076 | .021 | .151 | .075 | .021 | .147 | .074 | .021 |   |  |

| 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  | .191                  | .191 | .191 | .164 | .164 | .164 | .112                                       | .112 | .112 | .064 | .064 | .064 | .021 | .021 | .021 |   |
| 1.0  | .181                  | .157 | .136 | .155 | .135 | .117 | .106                                       | .093 | .081 | .061 | .054 | .047 | .020 | .017 | .015 |   |
| 2.0  | .173                  | .133 | .099 | .148 | .114 | .086 | .101                                       | .079 | .060 | .058 | .046 | .035 | .019 | .015 | .011 |   |
| 3.0  | .165                  | .115 | .076 | .141 | .099 | .066 | .097                                       | .069 | .046 | .056 | .040 | .027 | .018 | .013 | .009 |   |
| 4.0  | .157                  | .102 | .060 | .135 | .088 | .052 | .093                                       | .061 | .036 | .054 | .036 | .022 | .017 | .012 | .007 |   |
| 5.0  | .150                  | .091 | .048 | .129 | .079 | .042 | .089                                       | .055 | .030 | .051 | .032 | .018 | .017 | .011 | .006 |   |
| 6.0  | .143                  | .083 | .040 | .123 | .072 | .035 | .085                                       | .050 | .025 | .049 | .030 | .015 | .016 | .010 | .005 |   |
| 7.0  | .136                  | .076 | .034 | .117 | .066 | .030 | .081                                       | .046 | .021 | .047 | .027 | .013 | .015 | .009 | .004 |   |
| 8.0  | .129                  | .070 | .030 | .111 | .061 | .026 | .077                                       | .043 | .018 | .045 | .025 | .011 | .015 | .008 | .004 |   |
| 9.0  | .123                  | .065 | .026 | .106 | .057 | .023 | .074                                       | .040 | .016 | .043 | .024 | .010 | .014 | .008 | .003 |   |
| 10.0 | .118                  | .061 | .023 | .102 | .053 | .020 | .070                                       | .037 | .014 | .041 | .022 | .009 | .013 | .007 | .003 |   |

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2026-02-28

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:7.540m [K=1.0000]  
Remarks:

### UGR(Unified Glare Rating) Table

|                                                                                |                  |      |      |      |                     |                |      |                  |      |      |
|--------------------------------------------------------------------------------|------------------|------|------|------|---------------------|----------------|------|------------------|------|------|
| Test:U:121.1V I:0.2400A P:29.00W PF:0.9970 Freq:50.00Hz Lamp Flux:3988.27x1 lm |                  |      |      |      |                     |                |      |                  |      |      |
| NAME: 净化灯                                                                      |                  |      |      |      | TYPE:3000K          |                |      | WEIGHT:          |      |      |
| SPEC.:                                                                         |                  |      |      |      | DIM.: 4FT           |                |      | SERIAL No.:      |      |      |
| MFR.: WS                                                                       |                  |      |      |      | SUR.:0.0825*3.14715 |                |      | 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                                                                  | 18.6             | 20.1 | 18.9 | 20.3 | 20.6                | 18.5           | 20.0 | 18.8             | 20.2 | 20.4 |
| 3H                                                                             | 20.2             | 21.6 | 20.5 | 21.8 | 22.0                | 19.9           | 21.3 | 20.2             | 21.6 | 21.8 |
| 4H                                                                             | 20.8             | 22.1 | 21.1 | 22.3 | 22.6                | 20.5           | 21.8 | 20.8             | 22.0 | 22.3 |
| 6H                                                                             | 21.2             | 22.4 | 21.5 | 22.7 | 23.0                | 20.8           | 22.0 | 21.1             | 22.3 | 22.6 |
| 8H                                                                             | 21.3             | 22.5 | 21.7 | 22.8 | 23.1                | 20.9           | 22.1 | 21.2             | 22.4 | 22.7 |
| 12H                                                                            | 21.4             | 22.5 | 21.7 | 22.8 | 23.2                | 20.9           | 22.1 | 21.2             | 22.4 | 22.7 |
| 4H 2H                                                                          | 19.2             | 20.6 | 19.6 | 20.8 | 21.1                | 19.1           | 20.5 | 19.4             | 20.7 | 21.0 |
| 3H                                                                             | 21.0             | 22.1 | 21.3 | 22.4 | 22.7                | 20.8           | 21.9 | 21.1             | 22.2 | 22.5 |
| 4H                                                                             | 21.7             | 22.7 | 22.1 | 23.1 | 23.4                | 21.4           | 22.5 | 21.8             | 22.8 | 23.1 |
| 6H                                                                             | 22.2             | 23.2 | 22.6 | 23.5 | 23.9                | 21.9           | 22.8 | 22.3             | 23.2 | 23.5 |
| 8H                                                                             | 22.4             | 23.3 | 22.8 | 23.7 | 24.0                | 22.0           | 22.9 | 22.4             | 23.2 | 23.6 |
| 12H                                                                            | 22.5             | 23.3 | 23.0 | 23.7 | 24.1                | 22.0           | 22.8 | 22.5             | 23.2 | 23.6 |
| 8H 4H                                                                          | 21.9             | 22.8 | 22.3 | 23.2 | 23.6                | 21.7           | 22.6 | 22.1             | 22.9 | 23.3 |
| 6H                                                                             | 22.6             | 23.4 | 23.1 | 23.8 | 24.2                | 22.3           | 23.0 | 22.7             | 23.4 | 23.9 |
| 8H                                                                             | 22.9             | 23.5 | 23.3 | 24.0 | 24.4                | 22.5           | 23.1 | 22.9             | 23.6 | 24.0 |
| 12H                                                                            | 23.1             | 23.6 | 23.6 | 24.1 | 24.6                | 22.6           | 23.2 | 23.1             | 23.6 | 24.1 |
| 12H 4H                                                                         | 21.9             | 22.7 | 22.4 | 23.1 | 23.5                | 21.7           | 22.5 | 22.1             | 22.9 | 23.3 |
| 6H                                                                             | 22.7             | 23.3 | 23.1 | 23.7 | 24.2                | 22.3           | 23.0 | 22.8             | 23.4 | 23.9 |
| 8H                                                                             | 23.0             | 23.5 | 23.4 | 24.0 | 24.4                | 22.6           | 23.1 | 23.1             | 23.6 | 24.1 |
| Variations with the observer position at spacings:                             |                  |      |      |      |                     |                |      |                  |      |      |
| S = 1.0H                                                                       | + 0.2 / - 0.2    |      |      |      |                     | + 0.2 / - 0.2  |      |                  |      |      |
| 1.5H                                                                           | + 0.2 / - 0.3    |      |      |      |                     | + 0.2 / - 0.3  |      |                  |      |      |
| 2.0H                                                                           | + 0.2 / - 0.3    |      |      |      |                     | + 0.2 / - 0.3  |      |                  |      |      |

CIE Pub.117 Corrected 3988 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.8)

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2026-02-28

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:7.540m [K=1.0000]  
Remarks:

### UTILIZATION FACTORS TABLE

|                                                                                |                     |                  |
|--------------------------------------------------------------------------------|---------------------|------------------|
| Test:U:121.1V I:0.2400A P:29.00W PF:0.9970 Freq:50.00Hz Lamp Flux:3988.27x1 lm |                     |                  |
| NAME: 净化灯                                                                      | TYPE:3000K          | WEIGHT:          |
| SPEC.:                                                                         | DIM.: 4FT           | SERIAL No.:      |
| MFR.: WS                                                                       | SUR.:0.0825*3.14715 | Shielding Angle: |

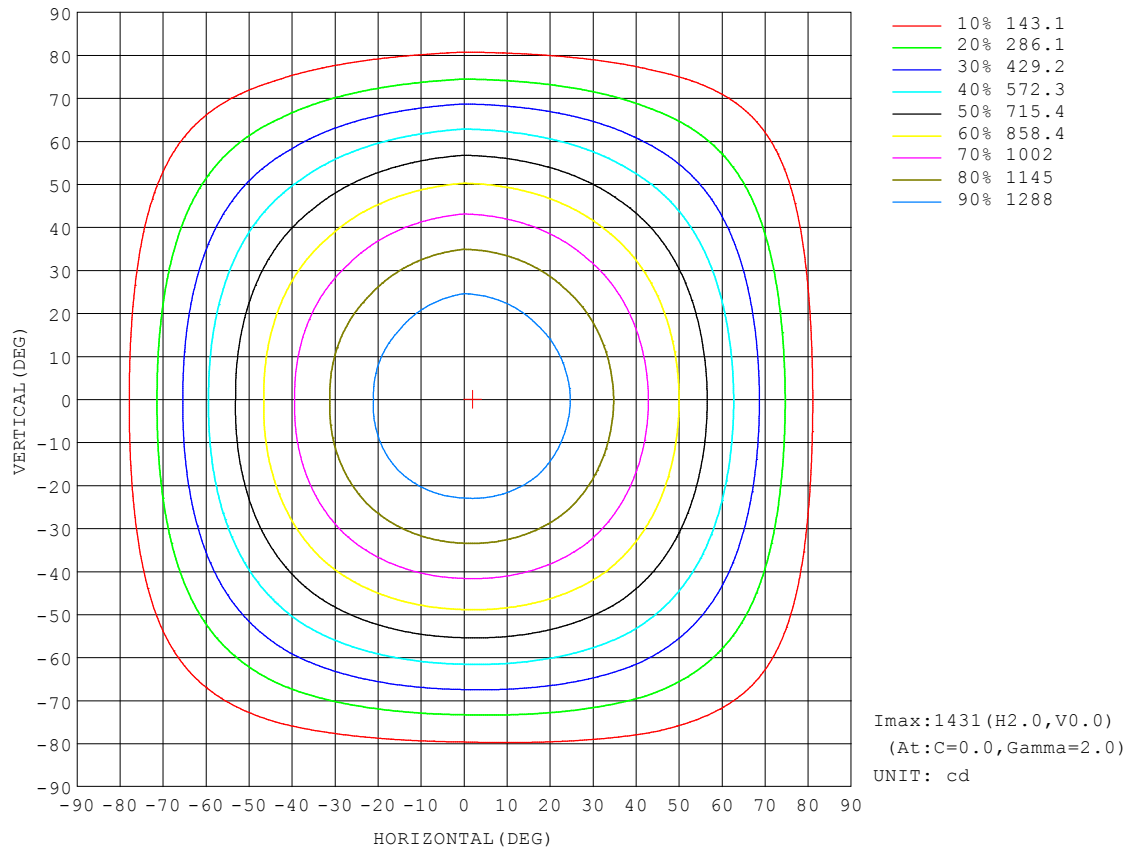
| REFLECTANCE                      |                                                      |     |           |     |     |     |     |               |     |        |
|----------------------------------|------------------------------------------------------|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| 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) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |               |     |        |
| $k = 0.60$                       | 58                                                   | 46  | 39        | 57  | 46  | 39  | 56  | 46            | 39  | 33     |
| 0.80                             | 68                                                   | 56  | 49        | 67  | 56  | 49  | 65  | 55            | 48  | 42     |
| 1.00                             | 76                                                   | 65  | 58        | 75  | 65  | 58  | 73  | 66            | 57  | 50     |
| 1.25                             | 83                                                   | 73  | 66        | 82  | 72  | 66  | 79  | 71            | 65  | 58     |
| 1.50                             | 88                                                   | 79  | 72        | 87  | 78  | 71  | 84  | 76            | 70  | 63     |
| 2.00                             | 95                                                   | 87  | 81        | 93  | 86  | 80  | 90  | 83            | 78  | 70     |
| 2.50                             | 99                                                   | 92  | 86        | 97  | 90  | 85  | 93  | 87            | 83  | 75     |
| 3.00                             | 103                                                  | 96  | 90        | 100 | 94  | 89  | 96  | 91            | 87  | 79     |
| 4.00                             | 106                                                  | 101 | 96        | 104 | 99  | 95  | 100 | 96            | 92  | 83     |
| 5.00                             | 109                                                  | 104 | 100       | 106 | 102 | 99  | 102 | 99            | 95  | 86     |
| ROOM INDEX                       | UF (total)                                           |     |           |     |     |     |     |               |     | Direct |
| According to DIN EN 13032-2 2004 |                                                      |     | Suspended |     |     |     |     | SHRNOM = 1.25 |     |        |

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2026-02-28

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:7.540m [K=1.0000]  
Remarks:

### ISOCANDELA DIAGRAM

|                                                                                |                     |                  |
|--------------------------------------------------------------------------------|---------------------|------------------|
| Test:U:121.1V I:0.2400A P:29.00W PF:0.9970 Freq:50.00Hz Lamp Flux:3988.27x1 lm |                     |                  |
| NAME: 净化灯                                                                      | TYPE:3000K          | WEIGHT:          |
| SPEC.:                                                                         | DIM.: 4FT           | SERIAL No.:      |
| MFR.: WS                                                                       | SUR.:0.0825*3.14715 | Shielding Angle: |

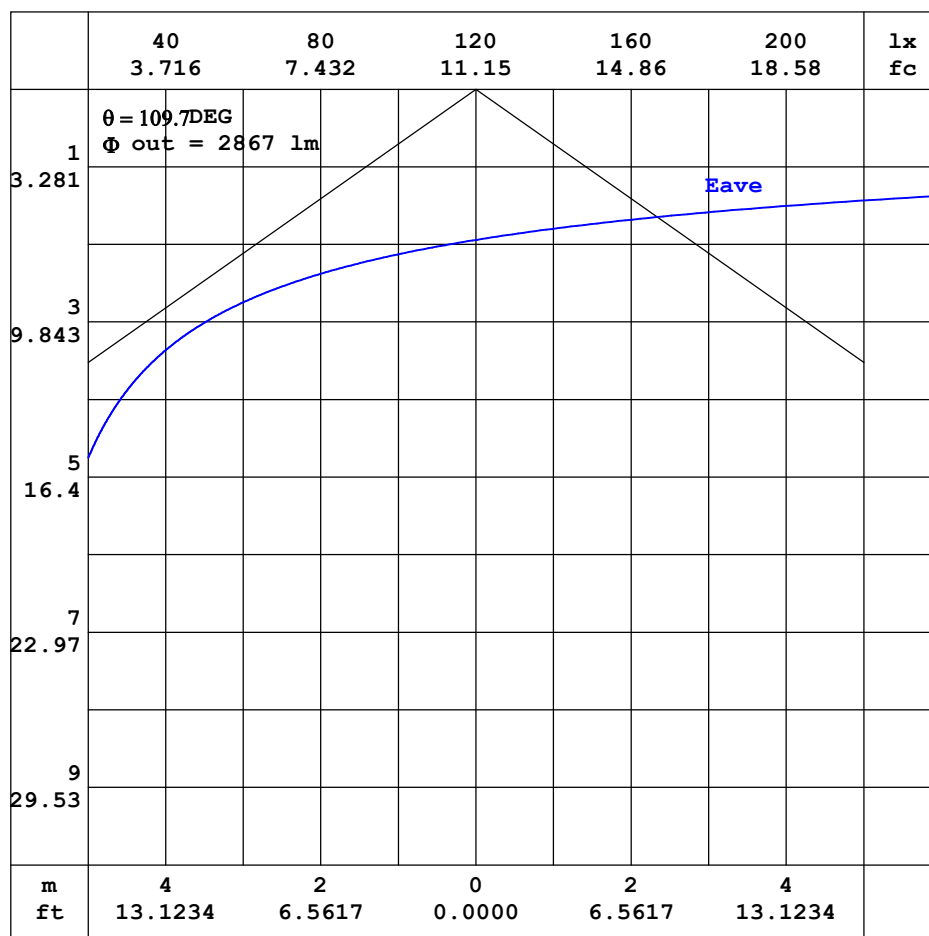


C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2026-02-28

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:7.540m [K=1.0000]  
Remarks:

### AAI CURVES

|                                                                                |                     |                  |
|--------------------------------------------------------------------------------|---------------------|------------------|
| Test:U:121.1V I:0.2400A P:29.00W PF:0.9970 Freq:50.00Hz Lamp Flux:3988.27x1 lm |                     |                  |
| NAME: 净化灯                                                                      | TYPE:3000K          | WEIGHT:          |
| SPEC.:                                                                         | DIM.: 4FT           | SERIAL No.:      |
| MFR.: WS                                                                       | SUR.:0.0825*3.14715 | Shielding Angle: |



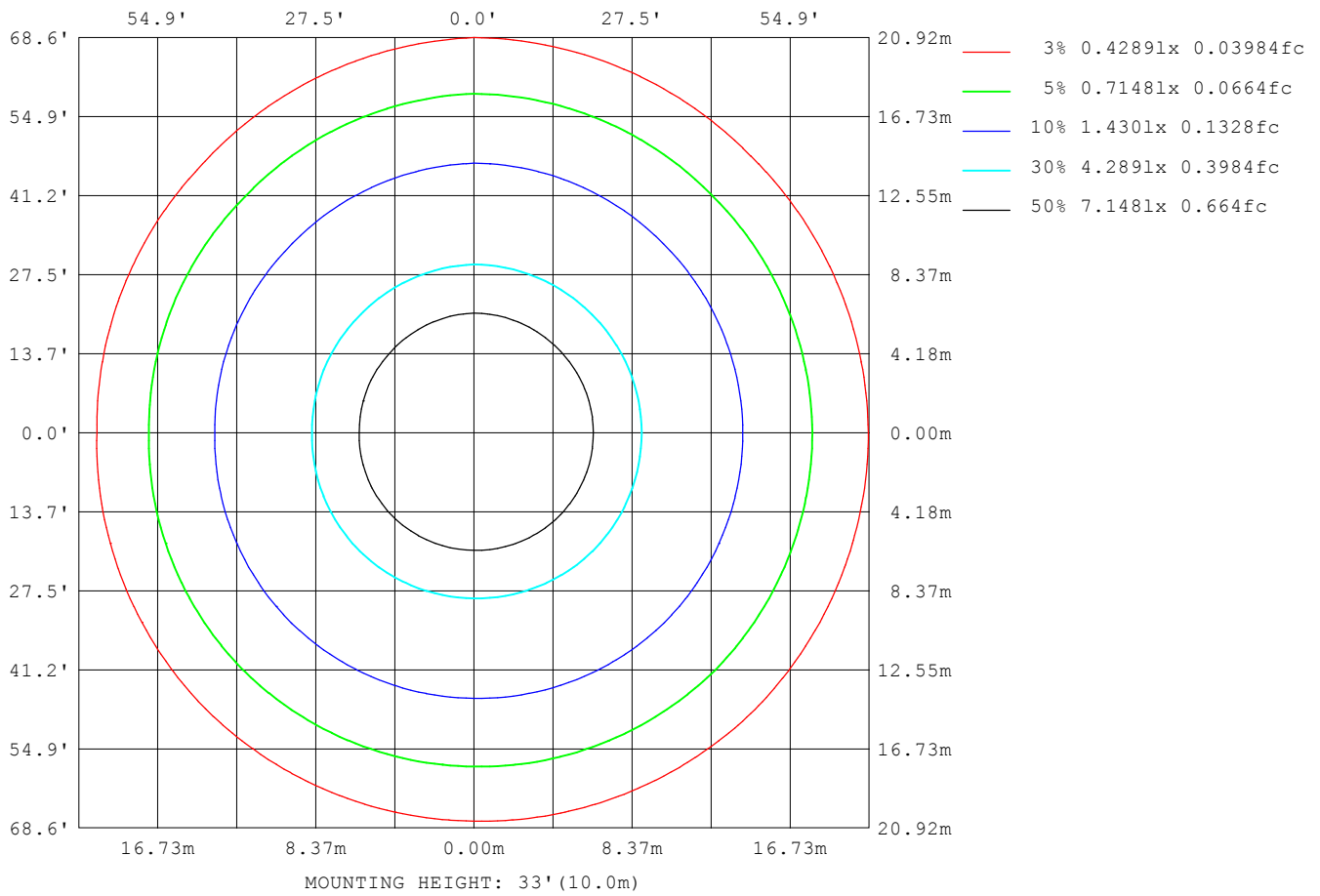
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2026-02-28

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.353  
 Humidity:65.0%  
 Test Distance:7.540m [K=1.0000]  
 Remarks:

# ISOLUX DIAGRAM

|                                                                                |                     |                  |
|--------------------------------------------------------------------------------|---------------------|------------------|
| Test:U:121.1V I:0.2400A P:29.00W PF:0.9970 Freq:50.00Hz Lamp Flux:3988.27x1 lm |                     |                  |
| NAME: 净化灯                                                                      | TYPE:3000K          | WEIGHT:          |
| SPEC.:                                                                         | DIM.: 4FT           | SERIAL No.:      |
| MFR.: WS                                                                       | SUR.:0.0825*3.14715 | Shielding Angle: |



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2026-02-28

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:7.540m [K=1.0000]  
Remarks:

### LED Avg.L Report

|                                                                                |                     |                  |
|--------------------------------------------------------------------------------|---------------------|------------------|
| Test:U:121.1V I:0.2400A P:29.00W PF:0.9970 Freq:50.00Hz Lamp Flux:3988.27x1 lm |                     |                  |
| NAME: 净化灯                                                                      | TYPE:3000K          | WEIGHT:          |
| SPEC.:                                                                         | DIM.: 4FT           | SERIAL No.:      |
| MFR.: WS                                                                       | SUR.:0.0825*3.14715 | Shielding Angle: |

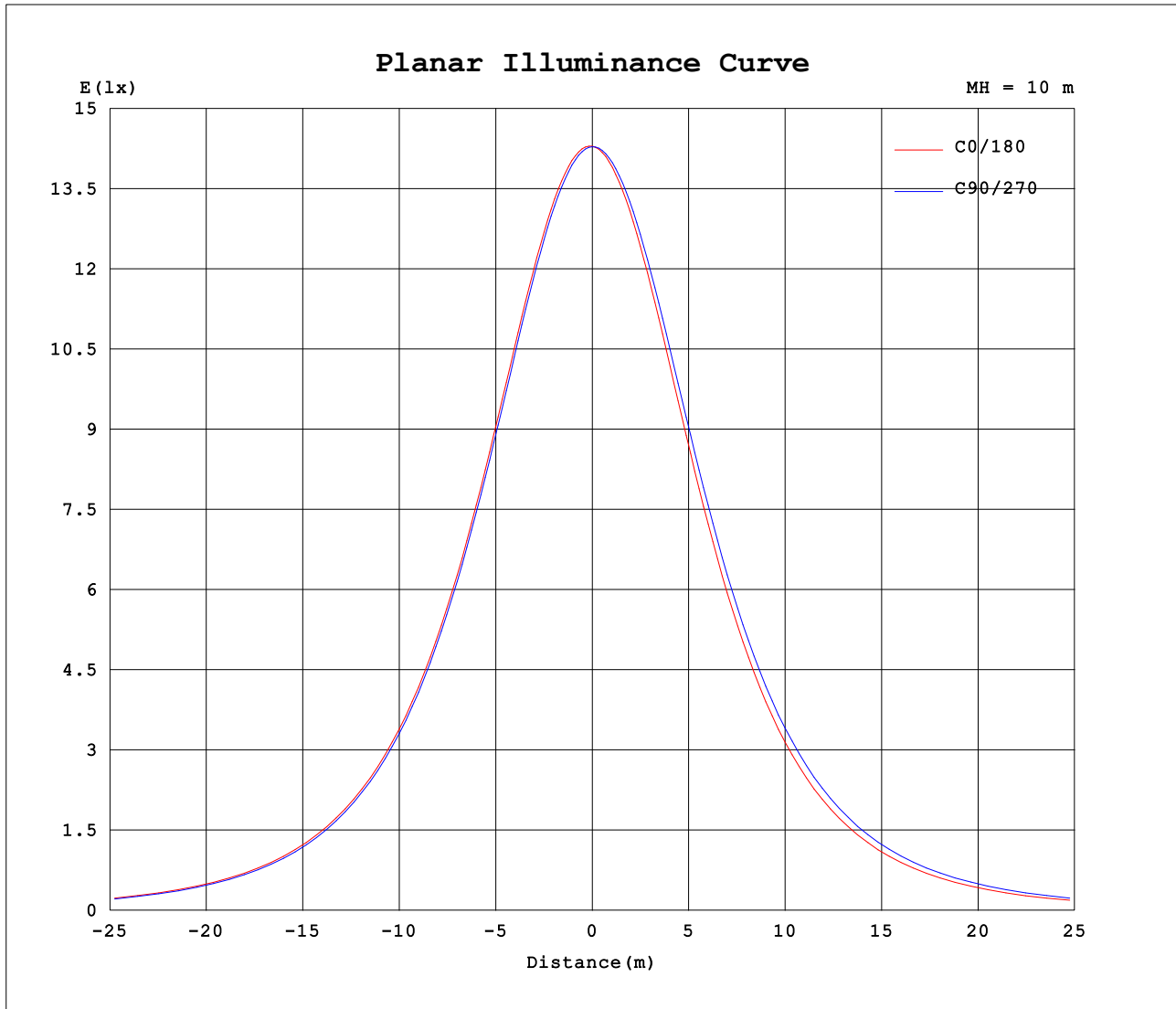
| AvgL             | cd/m2 |
|------------------|-------|
| L_0~180 (65) av  | 4364  |
| L_0~180 (75) av  | 3598  |
| L_0~180 (85) av  | 1980  |
| L_90~270 (65) av | 4607  |
| L_90~270 (75) av | 3866  |
| L_90~270 (85) av | 2401  |
| L_45 (65) av     | 4465  |
| L_45 (75) av     | 3707  |
| L_45 (85) av     | 2146  |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2026-02-28

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:7.540m [K=1.0000]  
Remarks:

### Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2026-02-28

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.353  
 Humidity: 65.0%  
 Test Distance: 7.540m [K=1.0000]  
 Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                                |                     |                  |
|--------------------------------------------------------------------------------|---------------------|------------------|
| Test:U:121.1V I:0.2400A P:29.00W PF:0.9970 Freq:50.00Hz Lamp Flux:3988.27x1 lm |                     |                  |
| NAME: 净化灯                                                                      | TYPE:3000K          | WEIGHT:          |
| SPEC.:                                                                         | DIM.: 4FT           | SERIAL No.:      |
| MFR.: WS                                                                       | SUR.:0.0825*3.14715 | Shielding Angle: |

Table--1

UNIT: cd

| C (DEG)<br>γ (DEG) | 0    | 45   | 90   | 135  | 180  | 225  | 270  | 315  |  |  |  |  |  |  |  |  |  |  |
|--------------------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|--|--|--|--|
| 0                  | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 |  |  |  |  |  |  |  |  |  |  |
| 5                  | 1427 | 1425 | 1419 | 1419 | 1415 | 1418 | 1423 | 1424 |  |  |  |  |  |  |  |  |  |  |
| 10                 | 1411 | 1408 | 1399 | 1396 | 1389 | 1394 | 1406 | 1406 |  |  |  |  |  |  |  |  |  |  |
| 15                 | 1381 | 1379 | 1365 | 1361 | 1350 | 1358 | 1377 | 1376 |  |  |  |  |  |  |  |  |  |  |
| 20                 | 1338 | 1337 | 1320 | 1314 | 1299 | 1310 | 1335 | 1332 |  |  |  |  |  |  |  |  |  |  |
| 25                 | 1283 | 1282 | 1262 | 1255 | 1236 | 1250 | 1282 | 1277 |  |  |  |  |  |  |  |  |  |  |
| 30                 | 1217 | 1217 | 1196 | 1186 | 1163 | 1180 | 1217 | 1210 |  |  |  |  |  |  |  |  |  |  |
| 35                 | 1140 | 1141 | 1119 | 1107 | 1080 | 1099 | 1142 | 1133 |  |  |  |  |  |  |  |  |  |  |
| 40                 | 1054 | 1056 | 1032 | 1019 | 989  | 1010 | 1058 | 1046 |  |  |  |  |  |  |  |  |  |  |
| 45                 | 959  | 962  | 937  | 922  | 889  | 912  | 964  | 952  |  |  |  |  |  |  |  |  |  |  |
| 50                 | 858  | 860  | 834  | 819  | 784  | 808  | 862  | 848  |  |  |  |  |  |  |  |  |  |  |
| 55                 | 750  | 752  | 724  | 709  | 673  | 696  | 754  | 739  |  |  |  |  |  |  |  |  |  |  |
| 60                 | 635  | 637  | 609  | 593  | 558  | 580  | 639  | 623  |  |  |  |  |  |  |  |  |  |  |
| 65                 | 517  | 518  | 489  | 474  | 438  | 460  | 519  | 503  |  |  |  |  |  |  |  |  |  |  |
| 70                 | 397  | 397  | 367  | 354  | 318  | 338  | 395  | 380  |  |  |  |  |  |  |  |  |  |  |
| 75                 | 278  | 277  | 246  | 237  | 204  | 220  | 272  | 260  |  |  |  |  |  |  |  |  |  |  |
| 80                 | 165  | 164  | 136  | 126  | 100  | 115  | 158  | 149  |  |  |  |  |  |  |  |  |  |  |
| 85                 | 70.3 | 65.8 | 47.3 | 39.5 | 19.1 | 31.4 | 61.1 | 57.1 |  |  |  |  |  |  |  |  |  |  |
| 90                 | 4.35 | 2.73 | 0.19 | 0.18 | 0.17 | 0.17 | 0.25 | 0.40 |  |  |  |  |  |  |  |  |  |  |
| 95                 | 0.19 | 0.25 | 0.23 | 0.23 | 0.22 | 0.23 | 0.21 | 0.24 |  |  |  |  |  |  |  |  |  |  |
| 100                | 0.26 | 0.31 | 0.30 | 0.31 | 0.30 | 0.29 | 0.28 | 0.31 |  |  |  |  |  |  |  |  |  |  |
| 105                | 0.33 | 0.36 | 0.38 | 0.42 | 0.40 | 0.38 | 0.35 | 0.40 |  |  |  |  |  |  |  |  |  |  |
| 110                | 0.42 | 0.46 | 0.48 | 0.49 | 0.52 | 0.48 | 0.45 | 0.46 |  |  |  |  |  |  |  |  |  |  |
| 115                | 0.51 | 0.54 | 0.57 | 0.59 | 0.62 | 0.57 | 0.56 | 0.56 |  |  |  |  |  |  |  |  |  |  |
| 120                | 0.60 | 0.62 | 0.67 | 0.68 | 0.79 | 0.69 | 0.63 | 0.64 |  |  |  |  |  |  |  |  |  |  |
| 125                | 0.70 | 0.70 | 0.76 | 0.77 | 0.89 | 0.77 | 0.73 | 0.74 |  |  |  |  |  |  |  |  |  |  |
| 130                | 0.80 | 0.77 | 0.85 | 0.87 | 0.97 | 0.87 | 0.81 | 0.78 |  |  |  |  |  |  |  |  |  |  |
| 135                | 0.87 | 0.86 | 0.96 | 0.96 | 1.09 | 0.97 | 0.89 | 0.86 |  |  |  |  |  |  |  |  |  |  |
| 140                | 1.01 | 0.95 | 1.06 | 1.06 | 1.18 | 1.06 | 0.97 | 0.95 |  |  |  |  |  |  |  |  |  |  |
| 145                | 1.16 | 1.05 | 1.16 | 1.14 | 1.28 | 1.16 | 1.05 | 1.05 |  |  |  |  |  |  |  |  |  |  |
| 150                | 1.27 | 1.15 | 1.24 | 1.23 | 1.38 | 1.25 | 1.21 | 1.13 |  |  |  |  |  |  |  |  |  |  |
| 155                | 1.38 | 1.26 | 1.31 | 1.31 | 1.49 | 1.31 | 1.29 | 1.22 |  |  |  |  |  |  |  |  |  |  |
| 160                | 1.45 | 1.32 | 1.38 | 1.39 | 1.59 | 1.39 | 1.35 | 1.29 |  |  |  |  |  |  |  |  |  |  |
| 165                | 1.45 | 1.38 | 1.44 | 1.45 | 1.67 | 1.47 | 1.40 | 1.35 |  |  |  |  |  |  |  |  |  |  |
| 170                | 1.50 | 1.41 | 1.47 | 1.50 | 1.73 | 1.60 | 1.45 | 1.41 |  |  |  |  |  |  |  |  |  |  |
| 175                | 1.51 | 1.43 | 1.50 | 1.55 | 1.70 | 1.59 | 1.54 | 1.48 |  |  |  |  |  |  |  |  |  |  |
| 180                | 1.64 | 1.53 | 1.53 | 1.56 | 1.63 | 1.53 | 1.53 | 1.56 |  |  |  |  |  |  |  |  |  |  |

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2026-02-28

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:7.540m [K=1.0000]  
Remarks: