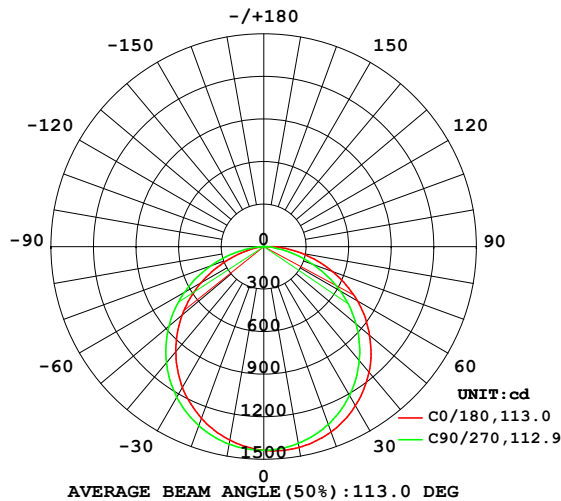


## LUMINAIRE PHOTOMETRIC TEST REPORT

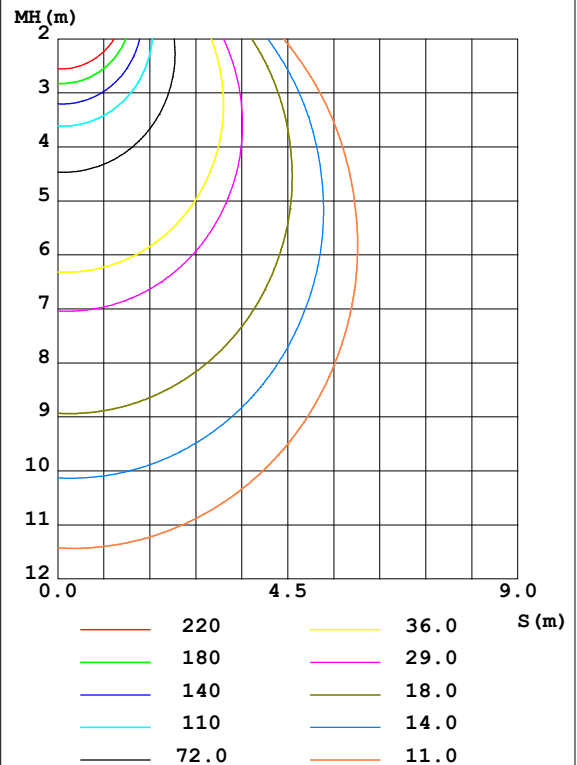
|                                                                                |              |                  |
|--------------------------------------------------------------------------------|--------------|------------------|
| Test:U:120.9V I:0.2450A P:29.50W PF:0.9960 Freq:60.00Hz Lamp Flux:4120.72x1 lm |              |                  |
| NAME: 净化灯                                                                      | TYPE:3000K   | WEIGHT:          |
| SPEC.:                                                                         | DIM.: 2X2    | SERIAL No.:      |
| MFR.: WS                                                                       | SUR.:0.6*0.6 | Shielding Angle: |

| DATA OF LAMP     |         | PHOTOMETRIC DATA Eff: 139.69 lm/W |        |                   |          |
|------------------|---------|-----------------------------------|--------|-------------------|----------|
| MODEL            |         | I <sub>max</sub> (cd)             | 1443   | S/MH(C0/180)      | 1.33     |
| NOMINAL POWER(W) | 30W     | LOR(%)                            | 100.0  | S/MH(C90/270)     | 1.27     |
| RATED VOLTAGE(V) | 120.0   | TOTAL FLUX(lm)                    | 4120.7 | η UP,DN(C0-180)   | 0.1,51.9 |
| NOMINAL FLUX(lm) | 4120.72 | CIE CLASS                         | DIRECT | η UP,DN(C180-360) | 0.1,48.0 |
| LAMPS INSIDE     | 1       | η up(%)                           | 0.2    | CIBSE SHR NOM     | 1.25     |
| TEST VOLTAGE(V)  | 120.0   | η down(%)                         | 99.8   | 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: 2025-12-31

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:

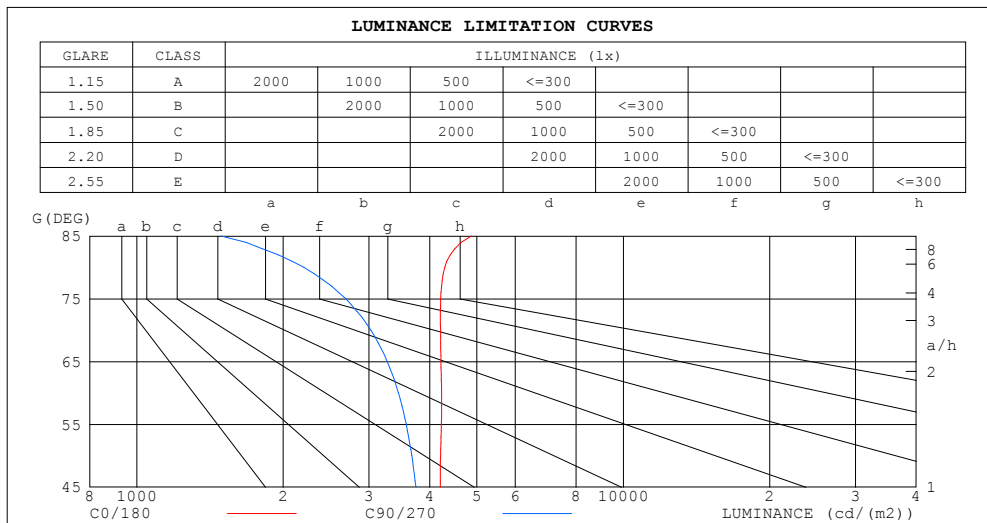
| $\gamma$ | C0                    | C45    | C90    | C135   | C180   | C225   | C270   | C315   | $\gamma$ | $\Phi$ zone | $\Phi$ total | %lum, lamp |
|----------|-----------------------|--------|--------|--------|--------|--------|--------|--------|----------|-------------|--------------|------------|
| 10       | 1437                  | 1427   | 1408   | 1399   | 1385   | 1392   | 1414   | 1427   | 0- 10    | 135.9       | 135.9        | 3.3,3.3    |
| 20       | 1390                  | 1371   | 1333   | 1313   | 1288   | 1304   | 1343   | 1368   | 10- 20   | 389.8       | 525.7        | 12.8,12.8  |
| 30       | 1294                  | 1268   | 1211   | 1183   | 1147   | 1170   | 1227   | 1261   | 20- 30   | 592.2       | 1118         | 27.1,27.1  |
| 40       | 1156                  | 1122   | 1049   | 1012   | 966.4  | 996.2  | 1069   | 1112   | 30- 40   | 716.1       | 1834         | 44.5,44.5  |
| 50       | 974.6                 | 936.9  | 850.4  | 805.8  | 752.6  | 788.2  | 873.8  | 923.8  | 40- 50   | 744.9       | 2579         | 62.6,62.6  |
| 60       | 761.8                 | 717.7  | 621.2  | 569.9  | 512.9  | 550.6  | 648.4  | 702.0  | 50- 60   | 672.3       | 3251         | 78.9,78.9  |
| 70       | 518.4                 | 473.5  | 372.8  | 319.0  | 261.5  | 298.9  | 398.5  | 453.4  | 60- 70   | 506.5       | 3758         | 91.2,91.2  |
| 80       | 268.5                 | 225.7  | 137.8  | 92.83  | 50.58  | 79.28  | 157.9  | 206.4  | 70- 80   | 281.0       | 4039         | 98,98      |
| 90       | 57.43                 | 27.91  | 0.1756 | 0.1987 | 0.2204 | 0.1888 | 0.1573 | 19.38  | 80- 90   | 75.44       | 4114         | 99.8,99.8  |
| 100      | 0.2250                | 0.2326 | 0.2856 | 0.3489 | 0.3974 | 0.3245 | 0.2569 | 0.2444 | 90-100   | 2.437       | 4116         | 99.9,99.9  |
| 110      | 0.3970                | 0.3755 | 0.4454 | 0.5354 | 0.6009 | 0.4988 | 0.4216 | 0.4091 | 100-110  | 0.3926      | 4117         | 99.9,99.9  |
| 120      | 0.5811                | 0.5717 | 0.6343 | 0.7461 | 0.7947 | 0.6875 | 0.5886 | 0.6004 | 110-120  | 0.5478      | 4117         | 99.9,99.9  |
| 130      | 0.7916                | 0.7509 | 0.8280 | 0.9471 | 0.9884 | 0.9467 | 0.7727 | 0.7626 | 120-130  | 0.6733      | 4118         | 99.9,99.9  |
| 140      | 0.9877                | 0.9423 | 1.039  | 1.133  | 1.158  | 1.186  | 0.9472 | 1.010  | 130-140  | 0.7344      | 4119         | 100,100    |
| 150      | 1.199                 | 1.138  | 1.245  | 1.320  | 1.325  | 1.448  | 1.124  | 1.099  | 140-150  | 0.7174      | 4120         | 100,100    |
| 160      | 1.390                 | 1.347  | 1.458  | 1.509  | 1.511  | 1.673  | 1.327  | 1.305  | 150-160  | 0.6174      | 4120         | 100,100    |
| 170      | 1.448                 | 1.460  | 1.564  | 1.603  | 1.592  | 1.845  | 1.751  | 1.434  | 160-170  | 0.4292      | 4121         | 100,100    |
| 180      | 1.497                 | 1.502  | 1.499  | 1.514  | 1.497  | 1.497  | 1.494  | 1.523  | 170-180  | 0.1487      | 4121         | 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:2025-12-31

$\gamma$  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:120.9V I:0.2450A P:29.50W PF:0.9960 Freq:60.00Hz Lamp Flux:4120.72x1 lm |              |                  |
| NAME: 净化灯                                                                      | TYPE:3000K   | WEIGHT:          |
| SPEC.:                                                                         | DIM.: 2X2    | SERIAL No.:      |
| MFR.: WS                                                                       | SUR.:0.6*0.6 | Shielding Angle: |



| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G (DEG)           | C0/180 | C90/270 |
| 85                | 4872   | 1490    |
| 80                | 4295   | 2205    |
| 75                | 4214   | 2690    |
| 70                | 4211   | 3028    |
| 65                | 4219   | 3271    |
| 60                | 4232   | 3451    |
| 55                | 4228   | 3580    |
| 50                | 4212   | 3675    |
| 45                | 4205   | 3746    |

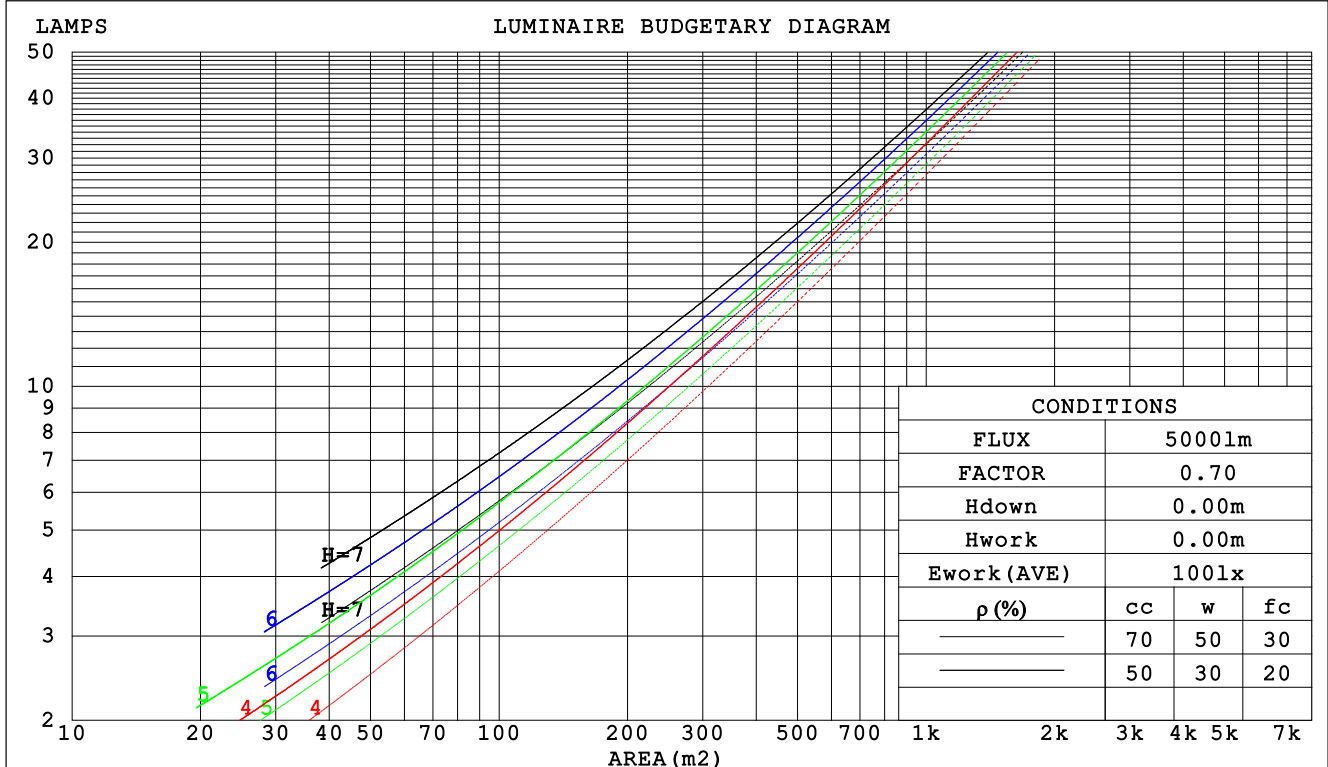
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2025-12-31

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:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

|                                                                                |              |                  |
|--------------------------------------------------------------------------------|--------------|------------------|
| Test:U:120.9V I:0.2450A P:29.50W PF:0.9960 Freq:60.00Hz Lamp Flux:4120.72x1 lm |              |                  |
| NAME: 净化灯                                                                      | TYPE:3000K   | WEIGHT:          |
| SPEC.:                                                                         | DIM.: 2X2    | SERIAL No.:      |
| MFR.: WS                                                                       | SUR.:0.6*0.6 | 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         | 1.19                  | 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  | .94  | .97  | .94  | .91  | .93  | .91  | .88  | .90  | .88  | .86  | .84 |
| 2.0         | .90                   | .84  | .78  | .89                             | .82  | .77  | .85  | .80  | .75  | .82  | .77  | .73  | .79  | .75  | .72  | .70 |
| 3.0         | .79                   | .71  | .65  | .78                             | .70  | .64  | .75  | .68  | .63  | .72  | .66  | .62  | .69  | .65  | .61  | .58 |
| 4.0         | .70                   | .61  | .55  | .69                             | .61  | .54  | .66  | .59  | .54  | .64  | .58  | .53  | .62  | .56  | .52  | .50 |
| 5.0         | .63                   | .54  | .47  | .62                             | .53  | .47  | .59  | .52  | .46  | .57  | .51  | .46  | .56  | .50  | .45  | .43 |
| 6.0         | .56                   | .47  | .41  | .55                             | .47  | .41  | .54  | .46  | .40  | .52  | .45  | .40  | .50  | .44  | .40  | .38 |
| 7.0         | .51                   | .42  | .36  | .50                             | .42  | .36  | .49  | .41  | .36  | .47  | .41  | .35  | .46  | .40  | .35  | .33 |
| 8.0         | .47                   | .38  | .32  | .46                             | .38  | .32  | .45  | .37  | .32  | .43  | .37  | .32  | .42  | .36  | .31  | .30 |
| 9.0         | .43                   | .35  | .29  | .42                             | .34  | .29  | .41  | .34  | .29  | .40  | .33  | .29  | .39  | .33  | .28  | .27 |
| 10.0        | .39                   | .32  | .26  | .39                             | .31  | .26  | .38  | .31  | .26  | .37  | .30  | .26  | .36  | .30  | .26  | .24 |



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2025-12-31

$\gamma$  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:120.9V I:0.2450A P:29.50W PF:0.9960 Freq:60.00Hz Lamp Flux:4120.72x1 lm |  |  |              |  |                  |
| NAME: 净化灯                                                                      |  |  | TYPE:3000K   |  | WEIGHT:          |
| SPEC.:                                                                         |  |  | DIM.: 2X2    |  | SERIAL No.:      |
| MFR.: WS                                                                       |  |  | SUR.:0.6*0.6 |  | 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  | .309                  | .175 | .056 | .301 | .172 | .055 | .288                             | .165 | .053 | .276 | .159 | .051 | .264 | .153 | .049 |   |  |
| 2.0  | .291                  | .159 | .049 | .285 | .157 | .048 | .273                             | .152 | .047 | .262 | .147 | .046 | .252 | .143 | .045 |   |  |
| 3.0  | .270                  | .143 | .043 | .264 | .141 | .043 | .254                             | .137 | .042 | .244 | .134 | .041 | .235 | .130 | .040 |   |  |
| 4.0  | .249                  | .129 | .038 | .244 | .128 | .038 | .235                             | .124 | .037 | .226 | .121 | .037 | .218 | .119 | .036 |   |  |
| 5.0  | .230                  | .117 | .034 | .226 | .116 | .034 | .218                             | .113 | .033 | .210 | .111 | .033 | .203 | .108 | .033 |   |  |
| 6.0  | .214                  | .107 | .031 | .210 | .106 | .030 | .202                             | .104 | .030 | .196 | .102 | .030 | .189 | .100 | .030 |   |  |
| 7.0  | .199                  | .098 | .028 | .195 | .097 | .028 | .189                             | .095 | .027 | .183 | .094 | .027 | .177 | .092 | .027 |   |  |
| 8.0  | .186                  | .091 | .026 | .183 | .090 | .025 | .177                             | .088 | .025 | .171 | .087 | .025 | .166 | .085 | .025 |   |  |
| 9.0  | .174                  | .084 | .024 | .171 | .083 | .023 | .166                             | .082 | .023 | .161 | .081 | .023 | .156 | .079 | .023 |   |  |
| 10.0 | .164                  | .078 | .022 | .161 | .078 | .022 | .156                             | .077 | .022 | .152 | .075 | .021 | .148 | .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  | .192                  | .192 | .192 | .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 | .149 | .115 | .086 | .102                                       | .079 | .060 | .059 | .046 | .035 | .019 | .015 | .011 |   |
| 3.0  | .166                  | .116 | .076 | .142 | .100 | .066 | .097                                       | .069 | .046 | .056 | .040 | .027 | .018 | .013 | .009 |   |
| 4.0  | .158                  | .102 | .060 | .136 | .088 | .052 | .093                                       | .062 | .036 | .054 | .036 | .022 | .017 | .012 | .007 |   |
| 5.0  | .151                  | .092 | .048 | .129 | .079 | .042 | .089                                       | .056 | .030 | .052 | .033 | .018 | .017 | .011 | .006 |   |
| 6.0  | .144                  | .083 | .040 | .123 | .072 | .035 | .085                                       | .051 | .025 | .049 | .030 | .015 | .016 | .010 | .005 |   |
| 7.0  | .137                  | .077 | .034 | .118 | .066 | .030 | .081                                       | .047 | .021 | .047 | .027 | .013 | .015 | .009 | .004 |   |
| 8.0  | .130                  | .071 | .030 | .112 | .061 | .026 | .078                                       | .043 | .019 | .045 | .025 | .011 | .015 | .008 | .004 |   |
| 9.0  | .124                  | .066 | .026 | .107 | .057 | .023 | .074                                       | .040 | .016 | .043 | .024 | .010 | .014 | .008 | .003 |   |
| 10.0 | .118                  | .062 | .024 | .102 | .053 | .021 | .071                                       | .038 | .015 | .041 | .022 | .009 | .013 | .007 | .003 |   |

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2025-12-31

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:120.9V I:0.2450A P:29.50W PF:0.9960 Freq:60.00Hz Lamp Flux:4120.72x1 lm |               |                  |      |      |      |               |                |      |                  |      |      |
| NAME: 净化灯                                                                      |               |                  |      |      |      | TYPE:3000K    |                |      | WEIGHT:          |      |      |
| SPEC.:                                                                         |               |                  |      |      |      | DIM.: 2X2     |                |      | SERIAL No.:      |      |      |
| MFR.: WS                                                                       |               |                  |      |      |      | SUR.:0.6*0.6  |                |      | Shielding Angle: |      |      |
| ceiling/cavity                                                                 | 0.7           | 0.7              | 0.5  | 0.5  | 0.3  | 0.7           | 0.7            | 0.5  | 0.5              | 0.3  |      |
| walls                                                                          | 0.5           | 0.3              | 0.5  | 0.3  | 0.3  | 0.5           | 0.3            | 0.5  | 0.3              | 0.3  |      |
| working plane                                                                  | 0.2           | 0.2              | 0.2  | 0.2  | 0.2  | 0.2           | 0.2            | 0.2  | 0.2              | 0.2  |      |
| Room dimensions                                                                |               | Viewed crosswise |      |      |      |               | Viewed endwise |      |                  |      |      |
| x = 2H y = 2H                                                                  | 2H            | 18.3             | 19.8 | 18.6 | 20.0 | 20.3          | 17.6           | 19.1 | 17.9             | 19.3 | 19.5 |
|                                                                                | 3H            | 20.1             | 21.5 | 20.4 | 21.8 | 22.0          | 19.1           | 20.5 | 19.4             | 20.7 | 20.9 |
|                                                                                | 4H            | 20.9             | 22.2 | 21.2 | 22.5 | 22.8          | 19.6           | 20.9 | 19.9             | 21.2 | 21.4 |
|                                                                                | 6H            | 21.6             | 22.8 | 21.9 | 23.1 | 23.4          | 19.9           | 21.2 | 20.3             | 21.5 | 21.7 |
|                                                                                | 8H            | 21.9             | 23.1 | 22.2 | 23.4 | 23.7          | 20.0           | 21.2 | 20.4             | 21.5 | 21.8 |
|                                                                                | 12H           | 22.1             | 23.3 | 22.4 | 23.6 | 23.9          | 20.0           | 21.2 | 20.4             | 21.5 | 21.8 |
| 4H                                                                             | 2H            | 18.9             | 20.3 | 19.2 | 20.5 | 20.8          | 18.4           | 19.7 | 18.7             | 20.0 | 20.2 |
|                                                                                | 3H            | 20.9             | 22.1 | 21.3 | 22.4 | 22.7          | 20.0           | 21.2 | 20.4             | 21.5 | 21.8 |
|                                                                                | 4H            | 21.8             | 22.9 | 22.2 | 23.2 | 23.6          | 20.7           | 21.8 | 21.1             | 22.1 | 22.4 |
|                                                                                | 6H            | 22.7             | 23.6 | 23.1 | 24.0 | 24.3          | 21.2           | 22.1 | 21.6             | 22.5 | 22.9 |
|                                                                                | 8H            | 23.0             | 23.9 | 23.4 | 24.3 | 24.7          | 21.3           | 22.2 | 21.7             | 22.6 | 23.0 |
|                                                                                | 12H           | 23.3             | 24.1 | 23.8 | 24.5 | 24.9          | 21.4           | 22.2 | 21.8             | 22.6 | 23.0 |
| 8H                                                                             | 4H            | 22.1             | 23.0 | 22.5 | 23.4 | 23.8          | 21.1           | 22.0 | 21.6             | 22.4 | 22.8 |
|                                                                                | 6H            | 23.1             | 23.9 | 23.6 | 24.3 | 24.7          | 21.8           | 22.5 | 22.2             | 22.9 | 23.4 |
|                                                                                | 8H            | 23.6             | 24.2 | 24.0 | 24.7 | 25.1          | 22.0           | 22.7 | 22.5             | 23.1 | 23.5 |
|                                                                                | 12H           | 24.0             | 24.6 | 24.5 | 25.0 | 25.5          | 22.1           | 22.7 | 22.6             | 23.2 | 23.6 |
| 12H                                                                            | 4H            | 22.1             | 22.9 | 22.6 | 23.3 | 23.7          | 21.2           | 22.0 | 21.6             | 22.4 | 22.8 |
|                                                                                | 6H            | 23.2             | 23.8 | 23.6 | 24.3 | 24.7          | 21.9           | 22.6 | 22.4             | 23.0 | 23.4 |
|                                                                                | 8H            | 23.7             | 24.3 | 24.2 | 24.7 | 25.2          | 22.2           | 22.8 | 22.7             | 23.2 | 23.7 |
| Variations with the observer position at spacings:                             |               |                  |      |      |      |               |                |      |                  |      |      |
| S = 1.0H                                                                       | + 0.1 / - 0.2 |                  |      |      |      | + 0.2 / - 0.2 |                |      |                  |      |      |
| 1.5H                                                                           | + 0.2 / - 0.3 |                  |      |      |      | + 0.2 / - 0.4 |                |      |                  |      |      |
| 2.0H                                                                           | + 0.1 / - 0.3 |                  |      |      |      | + 0.2 / - 0.5 |                |      |                  |      |      |

CIE Pub.117 Corrected 4121 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.9)

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2025-12-31

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:120.9V I:0.2450A P:29.50W PF:0.9960 Freq:60.00Hz Lamp Flux:4120.72x1 lm |              |                  |
| NAME: 净化灯                                                                      | TYPE:3000K   | WEIGHT:          |
| SPEC.:                                                                         | DIM.: 2X2    | SERIAL No.:      |
| MFR.: WS                                                                       | SUR.:0.6*0.6 | Shielding Angle: |

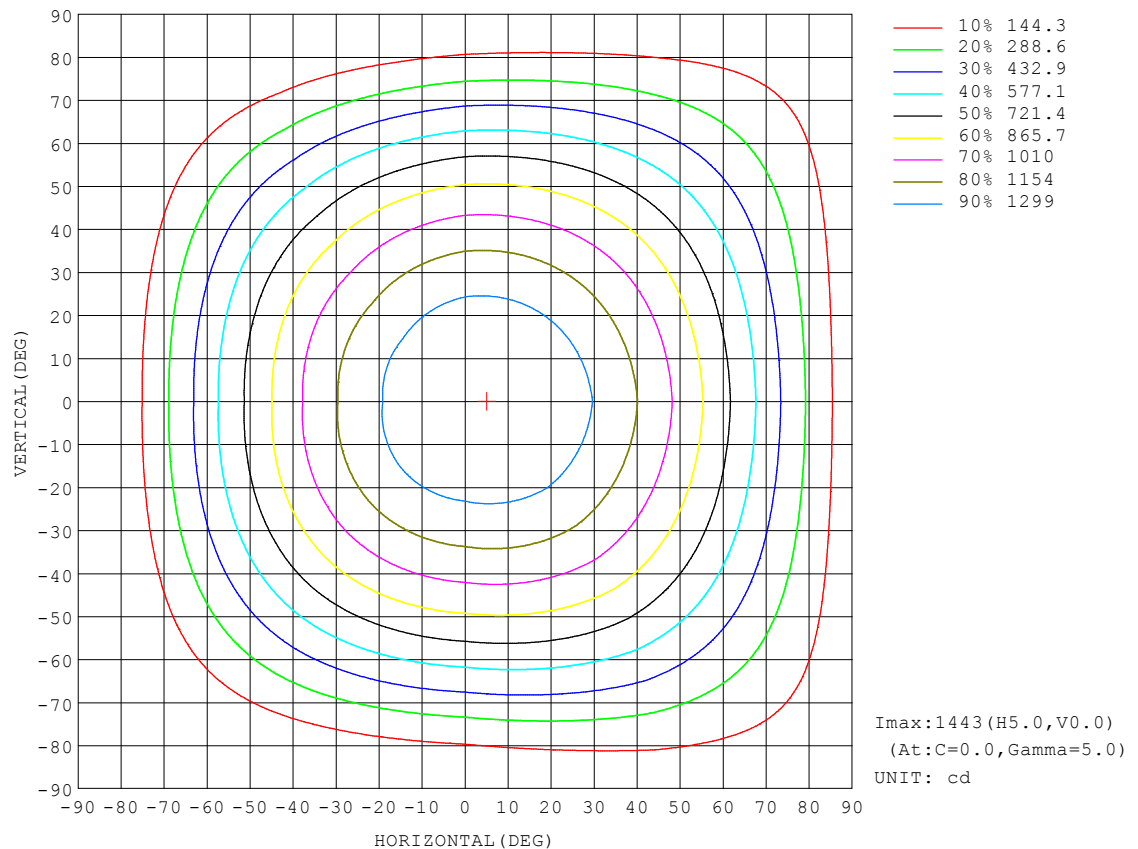
| REFLECTANCE                      |                                                      |     |           |     |     |     |     |               |     |        |
|----------------------------------|------------------------------------------------------|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| 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) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |               |     |        |
| $k = 0.60$                       | 57                                                   | 46  | 39        | 57  | 46  | 39  | 55  | 45            | 39  | 32     |
| 0.80                             | 67                                                   | 56  | 48        | 66  | 55  | 48  | 65  | 55            | 48  | 41     |
| 1.00                             | 76                                                   | 65  | 57        | 75  | 64  | 57  | 72  | 66            | 57  | 50     |
| 1.25                             | 83                                                   | 73  | 65        | 82  | 72  | 65  | 79  | 70            | 64  | 57     |
| 1.50                             | 88                                                   | 78  | 71        | 86  | 77  | 71  | 83  | 75            | 70  | 62     |
| 2.00                             | 95                                                   | 86  | 80        | 93  | 85  | 79  | 90  | 83            | 78  | 70     |
| 2.50                             | 99                                                   | 91  | 85        | 97  | 90  | 84  | 93  | 87            | 82  | 74     |
| 3.00                             | 102                                                  | 95  | 90        | 100 | 94  | 89  | 96  | 91            | 87  | 78     |
| 4.00                             | 106                                                  | 101 | 96        | 104 | 99  | 94  | 100 | 95            | 92  | 83     |
| 5.00                             | 109                                                  | 104 | 100       | 106 | 102 | 98  | 102 | 98            | 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: 2025-12-31

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:

## ISOCANDELA DIAGRAM

|                                                                                |              |                  |
|--------------------------------------------------------------------------------|--------------|------------------|
| Test:U:120.9V I:0.2450A P:29.50W PF:0.9960 Freq:60.00Hz Lamp Flux:4120.72x1 lm |              |                  |
| NAME: 净化灯                                                                      | TYPE:3000K   | WEIGHT:          |
| SPEC.:                                                                         | DIM.: 2X2    | SERIAL No.:      |
| MFR.: WS                                                                       | SUR.:0.6*0.6 | Shielding Angle: |

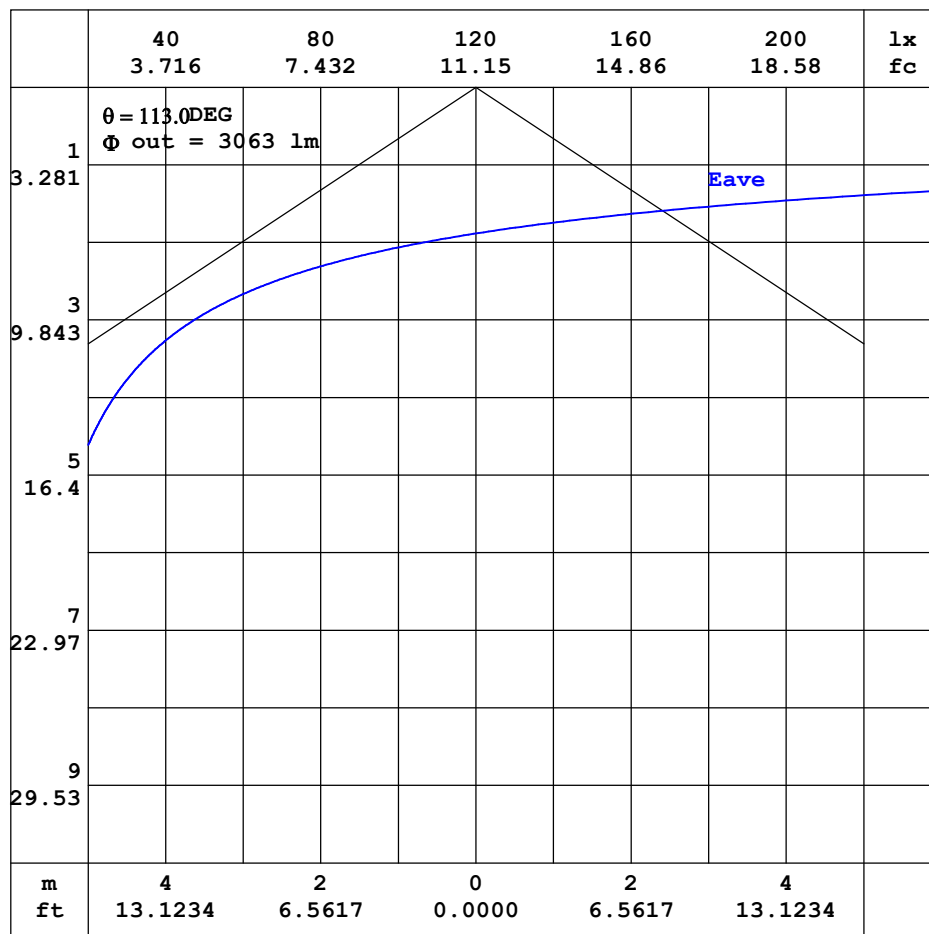


C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2025-12-31

$\gamma$  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:

## AAI CURVES

|                                                                                |              |                  |
|--------------------------------------------------------------------------------|--------------|------------------|
| Test:U:120.9V I:0.2450A P:29.50W PF:0.9960 Freq:60.00Hz Lamp Flux:4120.72x1 lm |              |                  |
| NAME: 净化灯                                                                      | TYPE:3000K   | WEIGHT:          |
| SPEC.:                                                                         | DIM.: 2X2    | SERIAL No.:      |
| MFR.: WS                                                                       | SUR.:0.6*0.6 | Shielding Angle: |



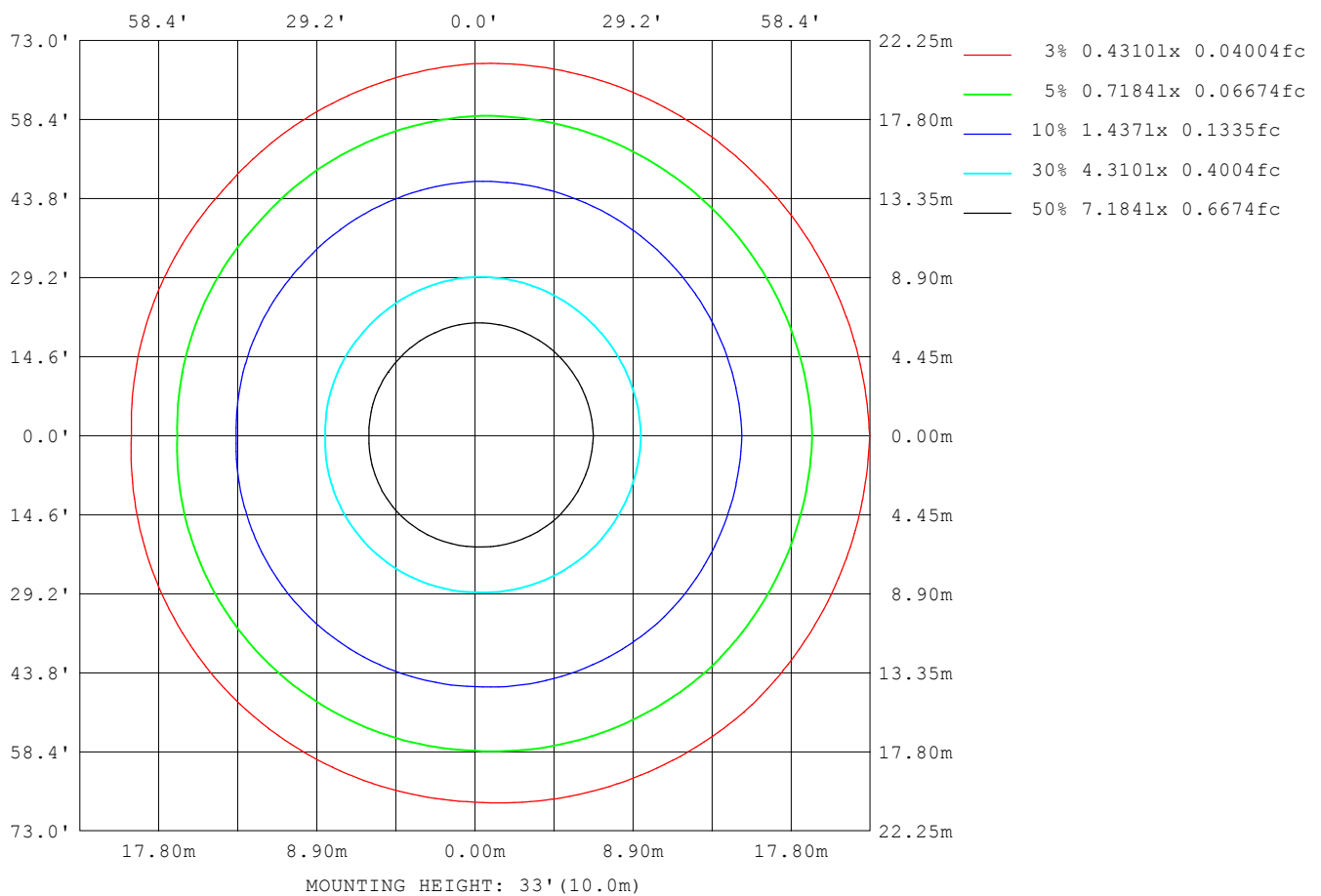
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2025-12-31

$\gamma$  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:120.9V I:0.2450A P:29.50W PF:0.9960 Freq:60.00Hz Lamp Flux:4120.72x1 lm |              |                  |
| NAME: 净化灯                                                                      | TYPE:3000K   | WEIGHT:          |
| SPEC.:                                                                         | DIM.: 2X2    | SERIAL No.:      |
| MFR.: WS                                                                       | SUR.:0.6*0.6 | Shielding Angle: |



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2025-12-31

$\gamma$  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:

## LED Avg.L Report

|                                                                                |              |                  |
|--------------------------------------------------------------------------------|--------------|------------------|
| Test:U:120.9V I:0.2450A P:29.50W PF:0.9960 Freq:60.00Hz Lamp Flux:4120.72x1 lm |              |                  |
| NAME: 净化灯                                                                      | TYPE:3000K   | WEIGHT:          |
| SPEC.:                                                                         | DIM.: 2X2    | SERIAL No.:      |
| MFR.: WS                                                                       | SUR.:0.6*0.6 | Shielding Angle: |

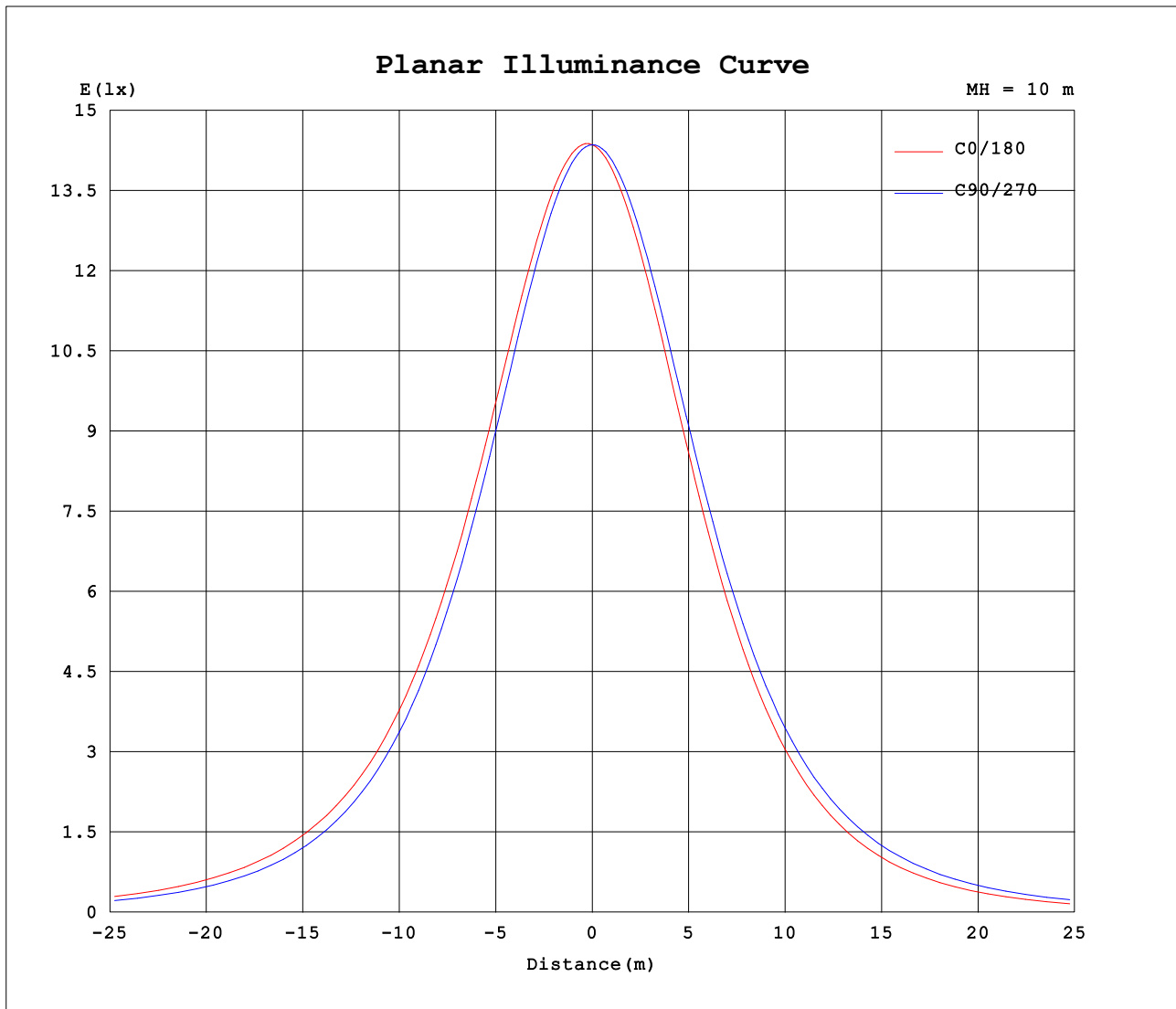
| AvgL             | cd/m2 |
|------------------|-------|
| L_0~180 (65) av  | 3378  |
| L_0~180 (75) av  | 2893  |
| L_0~180 (85) av  | 2438  |
| L_90~270 (65) av | 3362  |
| L_90~270 (75) av | 2811  |
| L_90~270 (85) av | 1684  |
| L_45 (65) av     | 3362  |
| L_45 (75) av     | 2839  |
| L_45 (85) av     | 1873  |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2025-12-31

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: 2025-12-31

$\gamma$  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:120.9V I:0.2450A P:29.50W PF:0.9960 Freq:60.00Hz Lamp Flux:4120.72x1 lm |              |                  |
| NAME: 净化灯                                                                      | TYPE:3000K   | WEIGHT:          |
| SPEC.:                                                                         | DIM.: 2X2    | SERIAL No.:      |
| MFR.: WS                                                                       | SUR.:0.6*0.6 | Shielding Angle: |

Table--1

UNIT: cd

| C (DEG)<br>γ (DEG) | 0    | 45   | 90   | 135  | 180  | 225  | 270  | 315  |  |  |  |  |  |  |  |  |  |  |
|--------------------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|--|--|--|--|
| 0                  | 1436 | 1434 | 1436 | 1438 | 1436 | 1434 | 1436 | 1438 |  |  |  |  |  |  |  |  |  |  |
| 5                  | 1443 | 1437 | 1428 | 1425 | 1417 | 1419 | 1431 | 1439 |  |  |  |  |  |  |  |  |  |  |
| 10                 | 1437 | 1427 | 1408 | 1399 | 1385 | 1392 | 1414 | 1427 |  |  |  |  |  |  |  |  |  |  |
| 15                 | 1420 | 1405 | 1377 | 1362 | 1343 | 1354 | 1384 | 1403 |  |  |  |  |  |  |  |  |  |  |
| 20                 | 1390 | 1371 | 1333 | 1313 | 1288 | 1304 | 1343 | 1368 |  |  |  |  |  |  |  |  |  |  |
| 25                 | 1348 | 1325 | 1277 | 1254 | 1222 | 1242 | 1290 | 1320 |  |  |  |  |  |  |  |  |  |  |
| 30                 | 1294 | 1268 | 1211 | 1183 | 1147 | 1170 | 1227 | 1261 |  |  |  |  |  |  |  |  |  |  |
| 35                 | 1229 | 1200 | 1135 | 1102 | 1061 | 1088 | 1153 | 1192 |  |  |  |  |  |  |  |  |  |  |
| 40                 | 1156 | 1122 | 1049 | 1012 | 966  | 996  | 1069 | 1112 |  |  |  |  |  |  |  |  |  |  |
| 45                 | 1070 | 1034 | 954  | 913  | 863  | 896  | 975  | 1022 |  |  |  |  |  |  |  |  |  |  |
| 50                 | 975  | 937  | 850  | 806  | 753  | 788  | 874  | 924  |  |  |  |  |  |  |  |  |  |  |
| 55                 | 873  | 831  | 739  | 691  | 635  | 672  | 764  | 817  |  |  |  |  |  |  |  |  |  |  |
| 60                 | 762  | 718  | 621  | 570  | 513  | 551  | 648  | 702  |  |  |  |  |  |  |  |  |  |  |
| 65                 | 642  | 598  | 498  | 445  | 386  | 424  | 525  | 580  |  |  |  |  |  |  |  |  |  |  |
| 70                 | 518  | 473  | 373  | 319  | 262  | 299  | 399  | 453  |  |  |  |  |  |  |  |  |  |  |
| 75                 | 393  | 348  | 251  | 199  | 146  | 182  | 273  | 329  |  |  |  |  |  |  |  |  |  |  |
| 80                 | 268  | 226  | 138  | 92.8 | 50.6 | 79.3 | 158  | 206  |  |  |  |  |  |  |  |  |  |  |
| 85                 | 153  | 114  | 46.8 | 14.0 | 0.16 | 6.77 | 58.9 | 101  |  |  |  |  |  |  |  |  |  |  |
| 90                 | 57.4 | 27.9 | 0.18 | 0.20 | 0.22 | 0.19 | 0.16 | 19.4 |  |  |  |  |  |  |  |  |  |  |
| 95                 | 0.23 | 0.18 | 0.21 | 0.27 | 0.31 | 0.25 | 0.19 | 0.19 |  |  |  |  |  |  |  |  |  |  |
| 100                | 0.23 | 0.23 | 0.29 | 0.35 | 0.40 | 0.32 | 0.26 | 0.24 |  |  |  |  |  |  |  |  |  |  |
| 105                | 0.30 | 0.30 | 0.36 | 0.45 | 0.49 | 0.42 | 0.34 | 0.32 |  |  |  |  |  |  |  |  |  |  |
| 110                | 0.40 | 0.38 | 0.45 | 0.54 | 0.60 | 0.50 | 0.42 | 0.41 |  |  |  |  |  |  |  |  |  |  |
| 115                | 0.47 | 0.48 | 0.54 | 0.64 | 0.70 | 0.59 | 0.51 | 0.50 |  |  |  |  |  |  |  |  |  |  |
| 120                | 0.58 | 0.57 | 0.63 | 0.75 | 0.79 | 0.69 | 0.59 | 0.60 |  |  |  |  |  |  |  |  |  |  |
| 125                | 0.69 | 0.67 | 0.73 | 0.84 | 0.90 | 0.84 | 0.68 | 0.67 |  |  |  |  |  |  |  |  |  |  |
| 130                | 0.79 | 0.75 | 0.83 | 0.95 | 0.99 | 0.95 | 0.77 | 0.76 |  |  |  |  |  |  |  |  |  |  |
| 135                | 0.89 | 0.85 | 0.93 | 1.04 | 1.08 | 1.06 | 0.86 | 0.91 |  |  |  |  |  |  |  |  |  |  |
| 140                | 0.99 | 0.94 | 1.04 | 1.13 | 1.16 | 1.19 | 0.95 | 1.01 |  |  |  |  |  |  |  |  |  |  |
| 145                | 1.09 | 1.04 | 1.15 | 1.21 | 1.25 | 1.34 | 1.03 | 1.09 |  |  |  |  |  |  |  |  |  |  |
| 150                | 1.20 | 1.14 | 1.24 | 1.32 | 1.32 | 1.45 | 1.12 | 1.10 |  |  |  |  |  |  |  |  |  |  |
| 155                | 1.31 | 1.25 | 1.36 | 1.41 | 1.42 | 1.54 | 1.22 | 1.21 |  |  |  |  |  |  |  |  |  |  |
| 160                | 1.39 | 1.35 | 1.46 | 1.51 | 1.51 | 1.67 | 1.33 | 1.31 |  |  |  |  |  |  |  |  |  |  |
| 165                | 1.41 | 1.42 | 1.53 | 1.58 | 1.58 | 1.83 | 1.41 | 1.39 |  |  |  |  |  |  |  |  |  |  |
| 170                | 1.45 | 1.46 | 1.56 | 1.60 | 1.59 | 1.85 | 1.75 | 1.43 |  |  |  |  |  |  |  |  |  |  |
| 175                | 1.45 | 1.46 | 1.54 | 1.58 | 1.57 | 1.59 | 1.63 | 1.46 |  |  |  |  |  |  |  |  |  |  |
| 180                | 1.50 | 1.50 | 1.50 | 1.51 | 1.50 | 1.50 | 1.49 | 1.52 |  |  |  |  |  |  |  |  |  |  |

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2025-12-31

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: