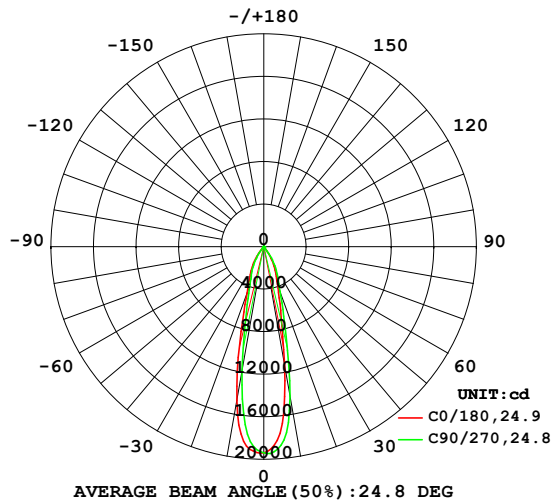


## LUMINAIRE PHOTOMETRIC TEST REPORT

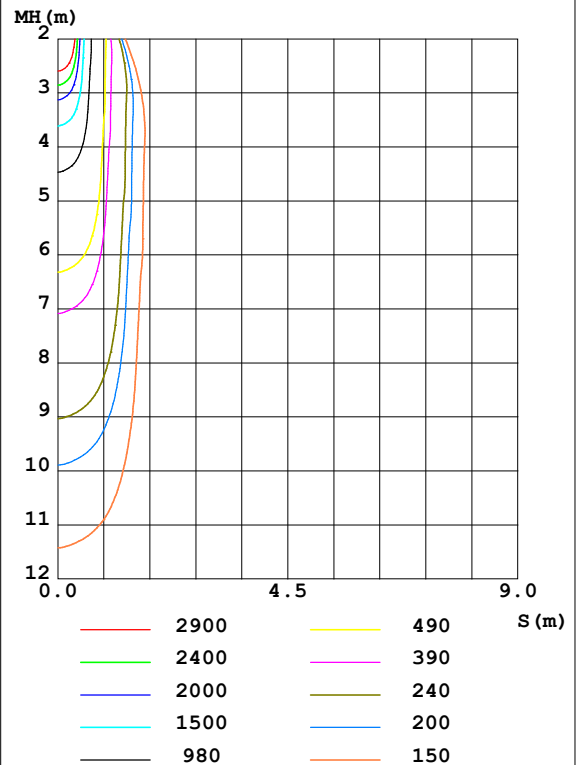
|                                                                                |            |                  |
|--------------------------------------------------------------------------------|------------|------------------|
| Test:U:120.1V I:0.4450A P:53.00W PF:0.9920 Freq:50.00Hz Lamp Flux:5809.62x1 lm |            |                  |
| NAME: 6寸明装筒灯                                                                   | TYPE:5000K | WEIGHT:          |
| SPEC.:                                                                         | DIM.:      | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:0.128 | Shielding Angle: |

| DATA OF LAMP     |         | PHOTOMETRIC DATA Eff: 109.62 lm/W |        |                    |          |
|------------------|---------|-----------------------------------|--------|--------------------|----------|
| MODEL            | 25度     | I <sub>max</sub> (cd)             | 19732  | S/MH (C0/180)      | 0.38     |
| NOMINAL POWER(W) | 53      | LOR(%)                            | 100.0  | S/MH (C90/270)     | 0.40     |
| RATED VOLTAGE(V) | 120     | TOTAL FLUX(lm)                    | 5809.6 | η UP,DN (C0-180)   | 0.2,52.2 |
| NOMINAL FLUX(lm) | 5809.62 | CIE CLASS                         | DIRECT | η UP,DN (C180-360) | 0.1,47.6 |
| LAMPS INSIDE     | 1       | η up (%)                          | 0.2    | CIBSE SHR NOM      | 0.00     |
| TEST VOLTAGE(V)  | 120     | η down (%)                        | 99.8   | CIBSE SHR MAX      | 1.00     |

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:2025-03-03

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:

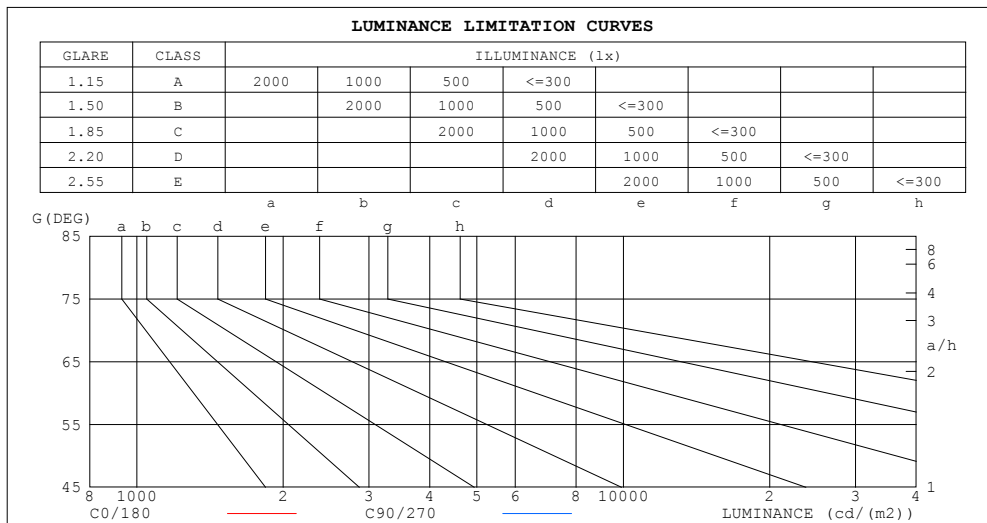
| $\gamma$ | C0                       | C45    | C90    | C135   | C180   | C225   | C270   | C315   | $\gamma$ | $\Phi$ zone | $\Phi$ total | %lum, lamp |
|----------|--------------------------|--------|--------|--------|--------|--------|--------|--------|----------|-------------|--------------|------------|
| 10       | 1129                     | 1249   | 1428   | 1710   | 1469   | 1372   | 1188   | 926.9  | 0- 10    | 1569        | 1569         | 27,27      |
| 20       | 380.6                    | 396.3  | 449.3  | 563.6  | 465.5  | 427.8  | 384.6  | 335.6  | 10- 20   | 2075        | 3643         | 62.7,62.7  |
| 30       | 169.2                    | 183.3  | 211.3  | 259.9  | 222.3  | 208.2  | 184.3  | 143.7  | 20- 30   | 1349        | 4992         | 85.9,85.9  |
| 40       | 12.86                    | 22.45  | 27.99  | 63.29  | 41.89  | 37.33  | 22.72  | 7.891  | 30- 40   | 641.1       | 5633         | 97,97      |
| 50       | 7.026                    | 7.687  | 7.519  | 7.402  | 7.574  | 7.310  | 7.529  | 7.743  | 40- 50   | 84.21       | 5718         | 98.4,98.4  |
| 60       | 2.582                    | 3.239  | 4.430  | 6.430  | 4.889  | 4.528  | 3.400  | 1.553  | 50- 60   | 61.10       | 5779         | 99.5,99.5  |
| 70       | 0.4725                   | 0.5026 | 0.4698 | 0.6141 | 0.5888 | 0.5527 | 0.4390 | 0.3900 | 60- 70   | 13.64       | 5792         | 99.7,99.7  |
| 80       | 0.1200                   | 0.1312 | 0.1728 | 0.2451 | 0.1969 | 0.2068 | 0.1614 | 0.0955 | 70- 80   | 3.497       | 5796         | 99.8,99.8  |
| 90       | 0                        | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 80- 90   | 0.4677      | 5796         | 99.8,99.8  |
| 100      | 0.0010                   | 0.0000 | 0      | 0      | 0      | 0      | 0      | 0      | 90-100   | 0.0003      | 5796         | 99.8,99.8  |
| 110      | 0.0105                   | 0.0089 | 0.0085 | 0.0064 | 0      | 0      | 0      | 0      | 100-110  | 0.0173      | 5796         | 99.8,99.8  |
| 120      | 0.0165                   | 0.0138 | 0.0119 | 0.0108 | 0.0007 | 0.0026 | 0.0041 | 0.0074 | 110-120  | 0.0595      | 5796         | 99.8,99.8  |
| 130      | 0.1788                   | 0.1317 | 0.0930 | 0.0584 | 0.0173 | 0.0258 | 0.0354 | 0.0464 | 120-130  | 0.2636      | 5797         | 99.8,99.8  |
| 140      | 0.4528                   | 0.3944 | 0.3523 | 0.3195 | 0.0723 | 0.0940 | 0.1193 | 0.1425 | 130-140  | 1.169       | 5798         | 99.8,99.8  |
| 150      | 1.139                    | 0.9301 | 0.7475 | 0.7103 | 0.2094 | 0.2645 | 0.3207 | 0.3664 | 140-150  | 2.385       | 5800         | 99.8,99.8  |
| 160      | 2.114                    | 2.079  | 1.809  | 1.814  | 0.4551 | 0.5459 | 0.6194 | 0.6922 | 150-160  | 4.158       | 5804         | 99.9,99.9  |
| 170      | 1.717                    | 1.993  | 2.080  | 2.293  | 0.7955 | 0.8750 | 0.9350 | 0.9645 | 160-170  | 4.026       | 5808         | 100,100    |
| 180      | 1.031                    | 1.142  | 1.242  | 1.352  | 1.035  | 1.148  | 1.241  | 1.356  | 170-180  | 1.287       | 5810         | 100,100    |
| DEG      | LUMINOUS INTENSITY:×10cd |        |        |        |        |        |        |        |          | UNIT:lm     |              |            |

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2025-03-03

$\gamma$  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:120.1V I:0.4450A P:53.00W PF:0.9920 Freq:50.00Hz Lamp Flux:5809.62x1 lm |            |                  |
| NAME: 6寸明装筒灯                                                                   | TYPE:5000K | WEIGHT:          |
| SPEC.:                                                                         | DIM.:      | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:0.128 | Shielding Angle: |



| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G (DEG)           | C0/180 | C90/270 |
| 85                | 0      | 1       |
| 80                | 32     | 45      |
| 75                | 56     | 59      |
| 70                | 63     | 62      |
| 65                | 77     | 93      |
| 60                | 237    | 403     |
| 55                | 568    | 650     |
| 50                | 502    | 532     |
| 45                | 435    | 479     |

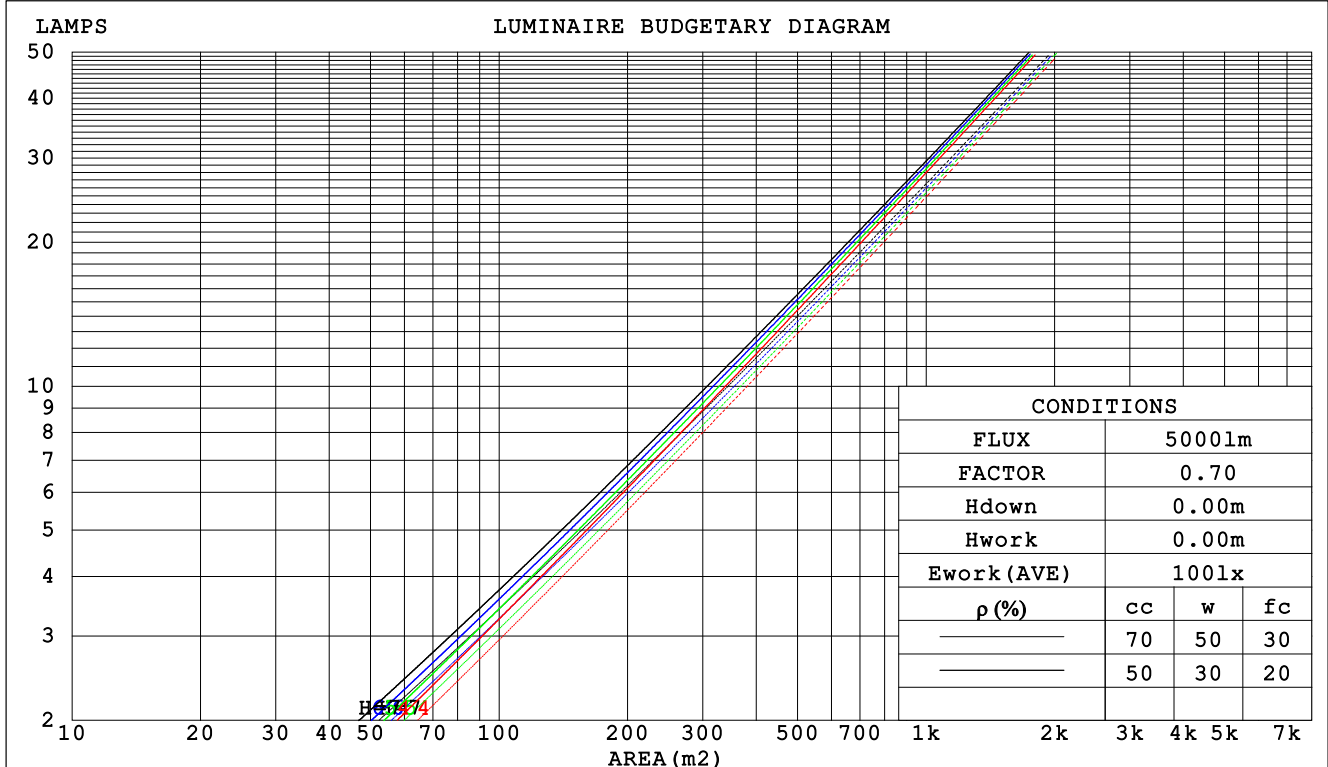
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2025-03-03

$\gamma$  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:120.1V I:0.4450A P:53.00W PF:0.9920 Freq:50.00Hz Lamp Flux:5809.62x1 lm |            |                  |
| NAME: 6寸明装筒灯                                                                   | TYPE:5000K | WEIGHT:          |
| SPEC.:                                                                         | DIM.:      | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:0.128 | 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                   | 1.12                            | 1.10 | 1.08 | 1.10 | 1.08 | 1.06 | 1.06 | 1.04 | 1.03 | 1.02 | 1.01 | .00  | .99  | .98  | .97  | .95 |
| 2.0                   | 1.06                            | 1.02 | .00  | 1.04 | 1.01 | .99  | 1.01 | .98  | .96  | .98  | .96  | .94  | .95  | .94  | .92  | .91 |
| 3.0                   | 1.00                            | .96  | .93  | .99  | .95  | .92  | .96  | .93  | .91  | .94  | .92  | .89  | .92  | .90  | .88  | .87 |
| 4.0                   | .95                             | .91  | .87  | .94  | .90  | .87  | .92  | .89  | .86  | .90  | .87  | .85  | .89  | .86  | .84  | .83 |
| 5.0                   | .91                             | .86  | .83  | .90  | .86  | .82  | .88  | .85  | .82  | .87  | .84  | .81  | .85  | .83  | .80  | .79 |
| 6.0                   | .87                             | .82  | .79  | .86  | .82  | .79  | .85  | .81  | .78  | .84  | .80  | .77  | .82  | .79  | .77  | .76 |
| 7.0                   | .83                             | .79  | .75  | .83  | .78  | .75  | .82  | .78  | .75  | .81  | .77  | .74  | .80  | .76  | .74  | .73 |
| 8.0                   | .80                             | .75  | .72  | .80  | .75  | .72  | .79  | .75  | .72  | .78  | .74  | .71  | .77  | .73  | .71  | .70 |
| 9.0                   | .77                             | .72  | .69  | .77  | .72  | .69  | .76  | .72  | .69  | .75  | .71  | .69  | .74  | .71  | .68  | .67 |
| 10.0                  | .74                             | .70  | .67  | .74  | .69  | .66  | .73  | .69  | .66  | .72  | .69  | .66  | .72  | .68  | .66  | .65 |



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2025-03-03

$\gamma$  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:120.1V I:0.4450A P:53.00W PF:0.9920 Freq:50.00Hz Lamp Flux:5809.62x1 lm |  |  |            |  |                  |
| NAME: 6寸明装筒灯                                                                   |  |  | TYPE:5000K |  | WEIGHT:          |
| SPEC.:                                                                         |  |  | DIM.:      |  | SERIAL No.:      |
| MFR.: EVERFINE                                                                 |  |  | SUR.:0.128 |  | 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  | .152                  | .087 | .027 | .145 | .083 | .026 | .133                             | .076 | .024 | .121 | .070 | .022 | .111 | .064 | .021 |   |  |
| 2.0  | .143                  | .079 | .024 | .138 | .076 | .023 | .127                             | .071 | .022 | .118 | .066 | .021 | .109 | .061 | .019 |   |  |
| 3.0  | .135                  | .072 | .022 | .130 | .070 | .021 | .121                             | .066 | .020 | .113 | .062 | .019 | .106 | .059 | .018 |   |  |
| 4.0  | .128                  | .066 | .019 | .124 | .065 | .019 | .116                             | .062 | .018 | .109 | .059 | .018 | .103 | .056 | .017 |   |  |
| 5.0  | .121                  | .062 | .018 | .117 | .060 | .018 | .111                             | .058 | .017 | .105 | .055 | .016 | .099 | .053 | .016 |   |  |
| 6.0  | .115                  | .058 | .016 | .112 | .057 | .016 | .106                             | .054 | .016 | .101 | .052 | .015 | .096 | .051 | .015 |   |  |
| 7.0  | .109                  | .054 | .015 | .107 | .053 | .015 | .102                             | .052 | .015 | .097 | .050 | .015 | .093 | .048 | .014 |   |  |
| 8.0  | .104                  | .051 | .014 | .102 | .050 | .014 | .098                             | .049 | .014 | .094 | .047 | .014 | .090 | .046 | .013 |   |  |
| 9.0  | .100                  | .048 | .014 | .098 | .048 | .013 | .094                             | .047 | .013 | .090 | .045 | .013 | .087 | .044 | .013 |   |  |
| 10.0 | .096                  | .046 | .013 | .094 | .045 | .013 | .091                             | .044 | .012 | .087 | .043 | .012 | .084 | .042 | .012 |   |  |

| 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  | .171                  | .159 | .149 | .146 | .137 | .128 | .100                                       | .094 | .088 | .058 | .054 | .051 | .018 | .018 | .017 |   |
| 2.0  | .154                  | .134 | .118 | .132 | .116 | .102 | .091                                       | .080 | .071 | .052 | .047 | .042 | .017 | .015 | .014 |   |
| 3.0  | .140                  | .115 | .095 | .120 | .099 | .083 | .083                                       | .069 | .058 | .048 | .040 | .034 | .015 | .013 | .011 |   |
| 4.0  | .129                  | .100 | .078 | .110 | .086 | .068 | .076                                       | .060 | .048 | .044 | .035 | .028 | .014 | .011 | .009 |   |
| 5.0  | .119                  | .088 | .065 | .102 | .076 | .057 | .070                                       | .053 | .040 | .041 | .031 | .024 | .013 | .010 | .008 |   |
| 6.0  | .111                  | .078 | .055 | .095 | .068 | .048 | .066                                       | .047 | .034 | .038 | .028 | .020 | .012 | .009 | .007 |   |
| 7.0  | .103                  | .070 | .047 | .089 | .061 | .041 | .061                                       | .043 | .029 | .036 | .025 | .017 | .012 | .008 | .006 |   |
| 8.0  | .097                  | .064 | .041 | .084 | .055 | .036 | .058                                       | .039 | .025 | .034 | .023 | .015 | .011 | .008 | .005 |   |
| 9.0  | .092                  | .058 | .036 | .079 | .051 | .031 | .055                                       | .036 | .022 | .032 | .021 | .013 | .010 | .007 | .004 |   |
| 10.0 | .087                  | .054 | .032 | .075 | .047 | .028 | .052                                       | .033 | .020 | .030 | .019 | .012 | .010 | .006 | .004 |   |

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2025-03-03

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:120.1V I:0.4450A P:53.00W PF:0.9920 Freq:50.00Hz Lamp Flux:5809.62x1 lm |                  |     |     |     |            |                |     |                  |     |     |
| NAME: 6寸明装筒灯                                                                   |                  |     |     |     | TYPE:5000K |                |     | WEIGHT:          |     |     |
| SPEC.:                                                                         |                  |     |     |     | DIM.:      |                |     | SERIAL No.:      |     |     |
| MFR.: EVERFINE                                                                 |                  |     |     |     | SUR.:0.128 |                |     | 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                                                                  | 6.1              | 6.9 | 6.3 | 7.0 | 7.2        | 7.3            | 8.1 | 7.5              | 8.3 | 8.4 |
| 3H                                                                             | 5.9              | 6.6 | 6.2 | 6.8 | 7.0        | 7.2            | 7.9 | 7.4              | 8.1 | 8.3 |
| 4H                                                                             | 5.9              | 6.5 | 6.1 | 6.8 | 7.0        | 7.1            | 7.8 | 7.4              | 8.0 | 8.2 |
| 6H                                                                             | 5.8              | 6.4 | 6.1 | 6.7 | 6.9        | 7.0            | 7.7 | 7.3              | 7.9 | 8.1 |
| 8H                                                                             | 5.7              | 6.3 | 6.0 | 6.6 | 6.9        | 7.0            | 7.6 | 7.3              | 7.8 | 8.1 |
| 12H                                                                            | 5.7              | 6.3 | 6.0 | 6.5 | 6.8        | 6.9            | 7.5 | 7.2              | 7.8 | 8.1 |
| 4H 2H                                                                          | 5.9              | 6.6 | 6.2 | 6.8 | 7.0        | 7.1            | 7.8 | 7.4              | 8.0 | 8.2 |
| 3H                                                                             | 5.8              | 6.3 | 6.1 | 6.6 | 6.9        | 7.0            | 7.6 | 7.3              | 7.8 | 8.1 |
| 4H                                                                             | 5.7              | 6.2 | 6.0 | 6.5 | 6.8        | 6.9            | 7.4 | 7.2              | 7.7 | 8.0 |
| 6H                                                                             | 5.6              | 6.0 | 5.9 | 6.4 | 6.7        | 6.8            | 7.3 | 7.2              | 7.6 | 7.9 |
| 8H                                                                             | 5.5              | 6.0 | 5.9 | 6.3 | 6.7        | 6.7            | 7.2 | 7.1              | 7.5 | 7.9 |
| 12H                                                                            | 5.5              | 5.9 | 5.9 | 6.2 | 6.6        | 6.7            | 7.1 | 7.1              | 7.5 | 7.8 |
| 8H 4H                                                                          | 5.5              | 6.0 | 5.9 | 6.3 | 6.7        | 6.7            | 7.2 | 7.1              | 7.5 | 7.9 |
| 6H                                                                             | 5.4              | 5.8 | 5.8 | 6.2 | 6.6        | 6.6            | 7.0 | 7.1              | 7.4 | 7.8 |
| 8H                                                                             | 5.4              | 5.7 | 5.8 | 6.1 | 6.5        | 6.6            | 6.9 | 7.0              | 7.3 | 7.8 |
| 12H                                                                            | 5.3              | 5.6 | 5.8 | 6.0 | 6.5        | 6.5            | 6.8 | 7.0              | 7.2 | 7.7 |
| 12H 4H                                                                         | 5.5              | 5.9 | 5.9 | 6.2 | 6.6        | 6.7            | 7.1 | 7.1              | 7.4 | 7.8 |
| 6H                                                                             | 5.4              | 5.7 | 5.8 | 6.1 | 6.5        | 6.6            | 6.9 | 7.0              | 7.3 | 7.7 |
| 8H                                                                             | 5.3              | 5.6 | 5.8 | 6.0 | 6.5        | 6.5            | 6.8 | 7.0              | 7.2 | 7.7 |
| Variations with the observer position at spacings:                             |                  |     |     |     |            |                |     |                  |     |     |
| S = 1.0H                                                                       | + 3.9 / - 4.0    |     |     |     |            | + 4.4 / - 5.7  |     |                  |     |     |
| 1.5H                                                                           | + 5.7 / - 4.6    |     |     |     |            | + 6.8 / - 6.6  |     |                  |     |     |
| 2.0H                                                                           | + 2.3 / - 8.2    |     |     |     |            | + 2.3 / - 8.1  |     |                  |     |     |

CIE Pub.117 Corrected 5810 lm Total Lamp Luminous Flux.(8log(F/F0) = 6.1)

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2025-03-03

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:120.1V I:0.4450A P:53.00W PF:0.9920 Freq:50.00Hz Lamp Flux:5809.62x1 lm |            |                  |
| NAME: 6寸明装筒灯                                                                   | TYPE:5000K | WEIGHT:          |
| SPEC.:                                                                         | DIM.:      | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:0.128 | Shielding Angle: |

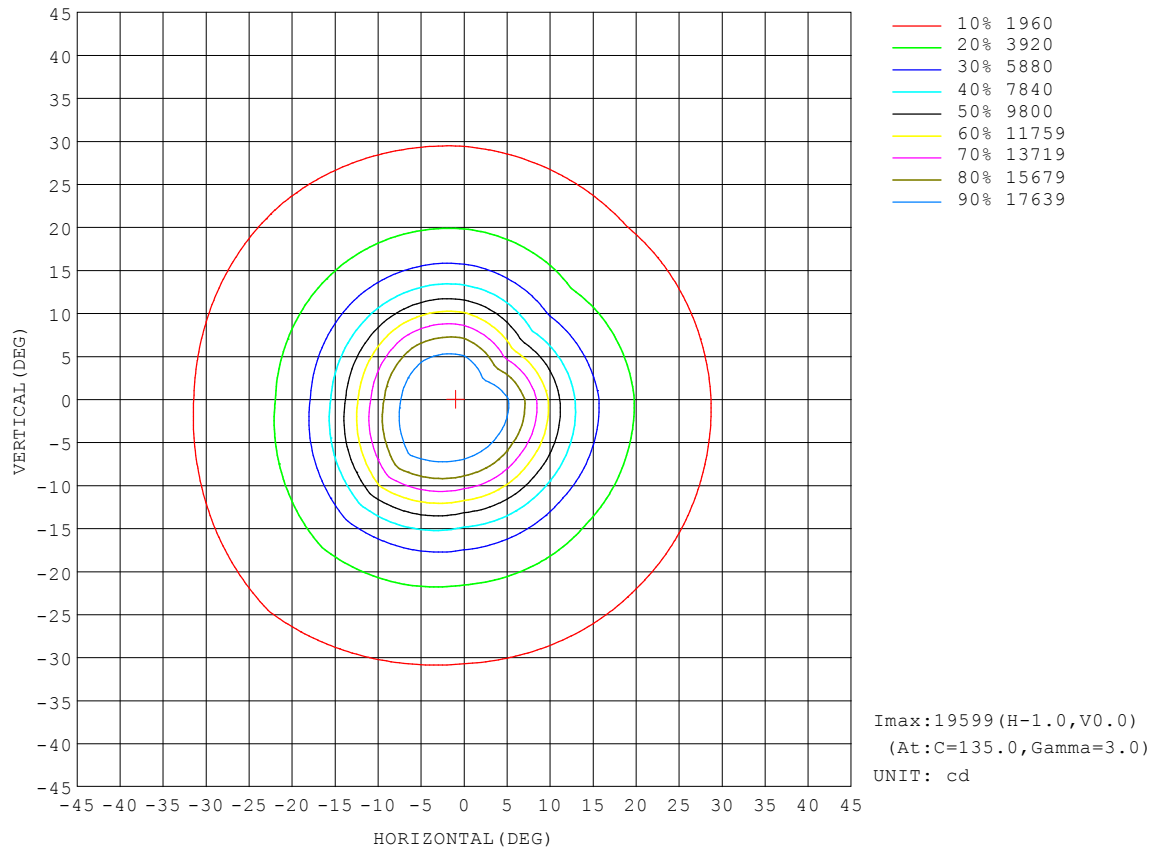
| REFLECTANCE                      |                                                      |     |           |     |     |     |     |               |     |        |
|----------------------------------|------------------------------------------------------|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| 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) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |               |     |        |
| $k = 0.60$                       | 90                                                   | 84  | 80        | 89  | 84  | 80  | 88  | 83            | 80  | 77     |
| 0.80                             | 97                                                   | 91  | 88        | 96  | 91  | 88  | 95  | 90            | 87  | 84     |
| 1.00                             | 101                                                  | 96  | 92        | 100 | 95  | 92  | 98  | 95            | 91  | 88     |
| 1.25                             | 104                                                  | 100 | 96        | 103 | 99  | 96  | 102 | 98            | 95  | 91     |
| 1.50                             | 107                                                  | 103 | 100       | 106 | 102 | 99  | 104 | 100           | 98  | 94     |
| 2.00                             | 109                                                  | 105 | 102       | 108 | 104 | 102 | 105 | 102           | 100 | 95     |
| 2.50                             | 111                                                  | 107 | 105       | 109 | 106 | 104 | 106 | 104           | 102 | 96     |
| 3.00                             | 112                                                  | 109 | 107       | 111 | 108 | 105 | 107 | 105           | 103 | 97     |
| 4.00                             | 114                                                  | 112 | 110       | 112 | 110 | 108 | 109 | 107           | 105 | 98     |
| 5.00                             | 115                                                  | 113 | 112       | 113 | 112 | 110 | 109 | 108           | 107 | 99     |
| 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: 2025-03-03

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:120.1V I:0.4450A P:53.00W PF:0.9920 Freq:50.00Hz Lamp Flux:5809.62x1 lm |            |                  |
| NAME: 6寸明装筒灯                                                                   | TYPE:5000K | WEIGHT:          |
| SPEC.:                                                                         | DIM.:      | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:0.128 | Shielding Angle: |

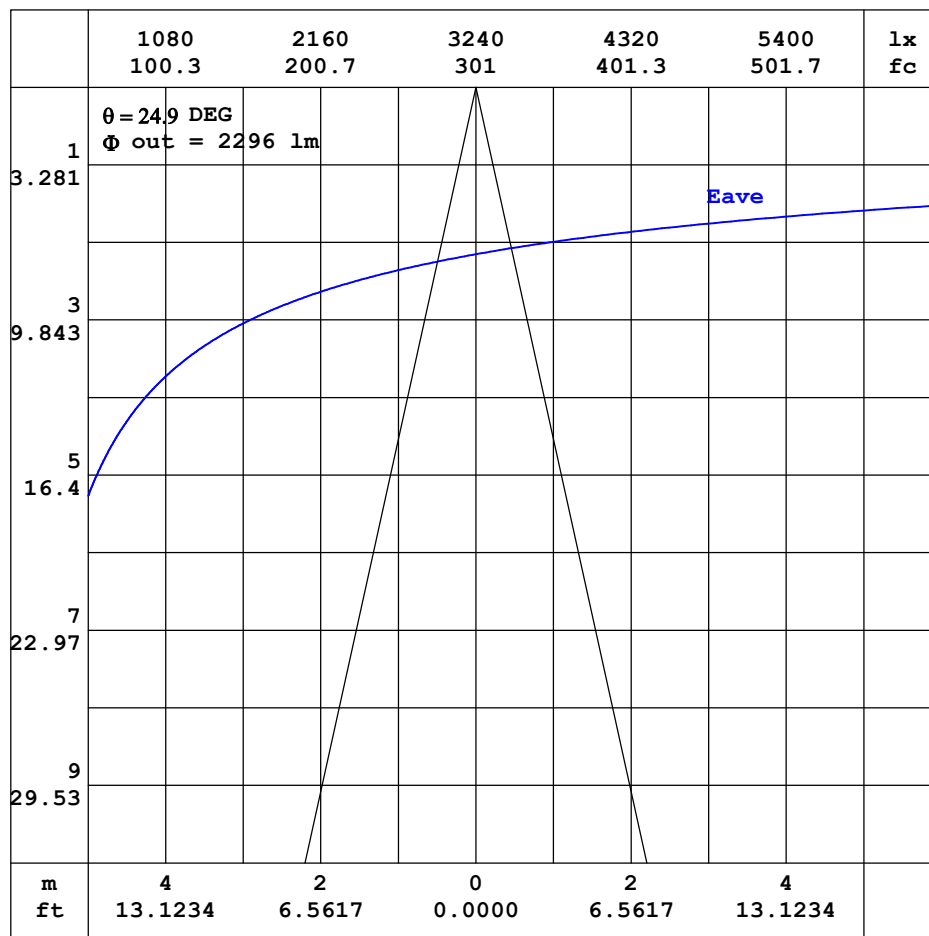


C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2025-03-03

$\gamma$  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:120.1V I:0.4450A P:53.00W PF:0.9920 Freq:50.00Hz Lamp Flux:5809.62x1 lm |            |                  |
| NAME: 6寸明装筒灯                                                                   | TYPE:5000K | WEIGHT:          |
| SPEC.:                                                                         | DIM.:      | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:0.128 | Shielding Angle: |



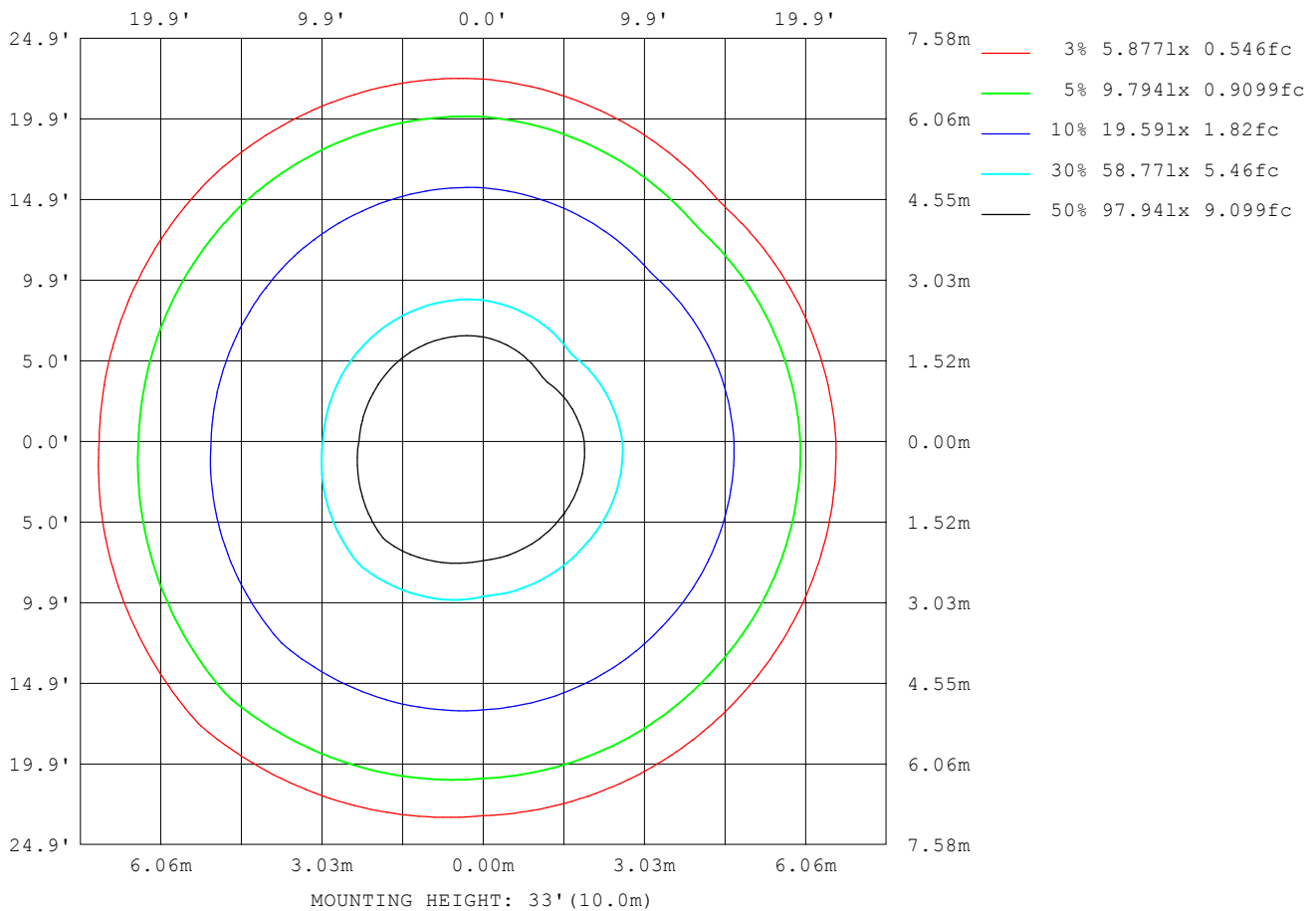
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2025-03-03

$\gamma$  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:120.1V I:0.4450A P:53.00W PF:0.9920 Freq:50.00Hz Lamp Flux:5809.62x1 lm |            |                  |
| NAME: 6寸明装筒灯                                                                   | TYPE:5000K | WEIGHT:          |
| SPEC.:                                                                         | DIM.:      | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:0.128 | Shielding Angle: |



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2025-03-03

$\gamma$  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:120.1V I:0.4450A P:53.00W PF:0.9920 Freq:50.00Hz Lamp Flux:5809.62x1 lm |            |                  |
| NAME: 6寸明装筒灯                                                                   | TYPE:5000K | WEIGHT:          |
| SPEC.:                                                                         | DIM.:      | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:0.128 | Shielding Angle: |

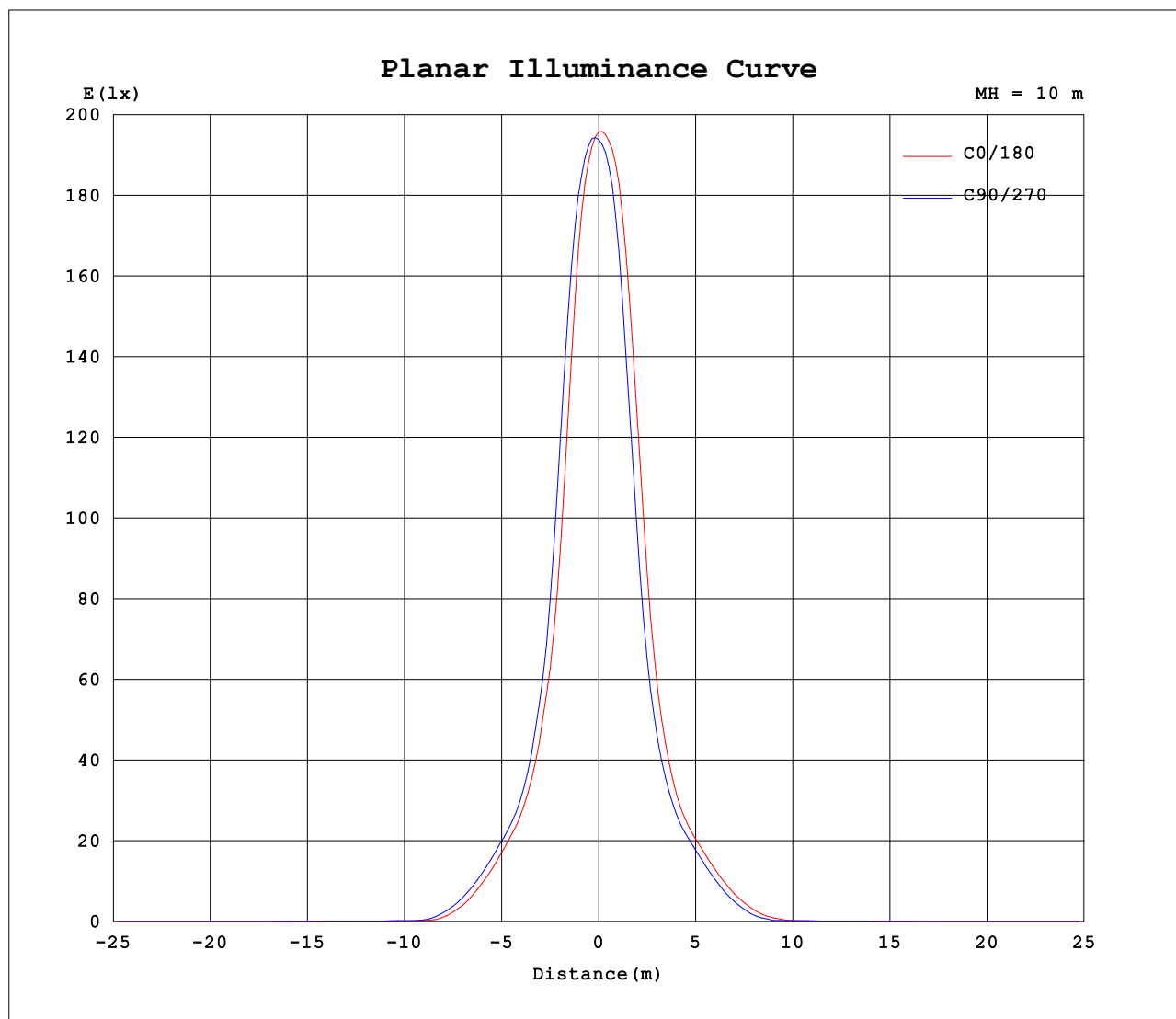
| AvgL             | cd/m2 |
|------------------|-------|
| L_0~180 (65) av  | 103   |
| L_0~180 (75) av  | 61    |
| L_0~180 (85) av  | 5     |
| L_90~270 (65) av | 87    |
| L_90~270 (75) av | 57    |
| L_90~270 (85) av | 0     |
| L_45 (65) av     | 114   |
| L_45 (75) av     | 58    |
| L_45 (85) av     | 13    |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2025-03-03

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: 2025-03-03

$\gamma$  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:120.1V I:0.4450A P:53.00W PF:0.9920 Freq:50.00Hz Lamp Flux:5809.62x1 lm |            |                  |
| NAME: 6寸明装筒灯                                                                   | TYPE:5000K | WEIGHT:          |
| SPEC.:                                                                         | DIM.:      | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:0.128 | Shielding Angle: |

Table--1

UNIT: ×10cd

| C (DEG)<br>γ (DEG) | 0    | 45   | 90   | 135  | 180  | 225  | 270  | 315  |  |  |  |  |  |  |  |  |  |  |
|--------------------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|--|--|--|--|
| 0                  | 1938 | 1938 | 1938 | 1938 | 1938 | 1938 | 1938 | 1938 |  |  |  |  |  |  |  |  |  |  |
| 5                  | 1762 | 1810 | 1873 | 1954 | 1882 | 1849 | 1770 | 1609 |  |  |  |  |  |  |  |  |  |  |
| 10                 | 1129 | 1249 | 1428 | 1710 | 1469 | 1372 | 1188 | 927  |  |  |  |  |  |  |  |  |  |  |
| 15                 | 623  | 672  | 768  | 1056 | 826  | 737  | 636  | 518  |  |  |  |  |  |  |  |  |  |  |
| 20                 | 381  | 396  | 449  | 564  | 465  | 428  | 385  | 336  |  |  |  |  |  |  |  |  |  |  |
| 25                 | 267  | 283  | 307  | 358  | 311  | 294  | 274  | 245  |  |  |  |  |  |  |  |  |  |  |
| 30                 | 169  | 183  | 211  | 260  | 222  | 208  | 184  | 144  |  |  |  |  |  |  |  |  |  |  |
| 35                 | 74.7 | 89.8 | 110  | 158  | 124  | 116  | 91.4 | 53.3 |  |  |  |  |  |  |  |  |  |  |
| 40                 | 12.9 | 22.5 | 28.0 | 63.3 | 41.9 | 37.3 | 22.7 | 7.89 |  |  |  |  |  |  |  |  |  |  |
| 45                 | 6.70 | 7.08 | 7.45 | 9.14 | 8.85 | 8.10 | 6.68 | 6.83 |  |  |  |  |  |  |  |  |  |  |
| 50                 | 7.03 | 7.69 | 7.52 | 7.40 | 7.57 | 7.31 | 7.53 | 7.74 |  |  |  |  |  |  |  |  |  |  |
| 55                 | 7.09 | 8.02 | 8.20 | 7.94 | 7.83 | 7.68 | 7.67 | 6.28 |  |  |  |  |  |  |  |  |  |  |
| 60                 | 2.58 | 3.24 | 4.43 | 6.43 | 4.89 | 4.53 | 3.40 | 1.55 |  |  |  |  |  |  |  |  |  |  |
| 65                 | 0.71 | 0.80 | 0.87 | 1.73 | 1.21 | 1.12 | 0.75 | 0.58 |  |  |  |  |  |  |  |  |  |  |
| 70                 | 0.47 | 0.50 | 0.47 | 0.61 | 0.59 | 0.55 | 0.44 | 0.39 |  |  |  |  |  |  |  |  |  |  |
| 75                 | 0.31 | 0.33 | 0.34 | 0.39 | 0.38 | 0.36 | 0.32 | 0.24 |  |  |  |  |  |  |  |  |  |  |
| 80                 | 0.12 | 0.13 | 0.17 | 0.25 | 0.20 | 0.21 | 0.16 | 0.10 |  |  |  |  |  |  |  |  |  |  |
| 85                 | 0.00 | 0.00 | 0.00 | 0.08 | 0.02 | 0.02 | 0.00 | 0.00 |  |  |  |  |  |  |  |  |  |  |
| 90                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |  |  |  |  |
| 95                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |  |  |  |  |
| 100                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |  |  |  |  |
| 105                | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |  |  |  |  |
| 110                | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |  |  |  |  |
| 115                | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |  |  |  |  |
| 120                | 0.02 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 |  |  |  |  |  |  |  |  |  |  |
| 125                | 0.06 | 0.04 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 |  |  |  |  |  |  |  |  |  |  |
| 130                | 0.18 | 0.13 | 0.09 | 0.06 | 0.02 | 0.03 | 0.04 | 0.05 |  |  |  |  |  |  |  |  |  |  |
| 135                | 0.31 | 0.26 | 0.21 | 0.18 | 0.04 | 0.05 | 0.07 | 0.08 |  |  |  |  |  |  |  |  |  |  |
| 140                | 0.45 | 0.39 | 0.35 | 0.32 | 0.07 | 0.09 | 0.12 | 0.14 |  |  |  |  |  |  |  |  |  |  |
| 145                | 0.69 | 0.58 | 0.51 | 0.47 | 0.13 | 0.16 | 0.20 | 0.24 |  |  |  |  |  |  |  |  |  |  |
| 150                | 1.14 | 0.93 | 0.75 | 0.71 | 0.21 | 0.26 | 0.32 | 0.37 |  |  |  |  |  |  |  |  |  |  |
| 155                | 1.75 | 1.55 | 1.22 | 1.15 | 0.32 | 0.39 | 0.45 | 0.50 |  |  |  |  |  |  |  |  |  |  |
| 160                | 2.11 | 2.08 | 1.81 | 1.81 | 0.46 | 0.55 | 0.62 | 0.69 |  |  |  |  |  |  |  |  |  |  |
| 165                | 2.11 | 2.24 | 2.13 | 2.27 | 0.63 | 0.72 | 0.80 | 0.86 |  |  |  |  |  |  |  |  |  |  |
| 170                | 1.72 | 1.99 | 2.08 | 2.29 | 0.80 | 0.87 | 0.93 | 0.96 |  |  |  |  |  |  |  |  |  |  |
| 175                | 1.26 | 1.49 | 1.65 | 1.89 | 0.91 | 0.98 | 1.03 | 1.08 |  |  |  |  |  |  |  |  |  |  |
| 180                | 1.03 | 1.14 | 1.24 | 1.35 | 1.04 | 1.15 | 1.24 | 1.36 |  |  |  |  |  |  |  |  |  |  |

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2025-03-03

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: