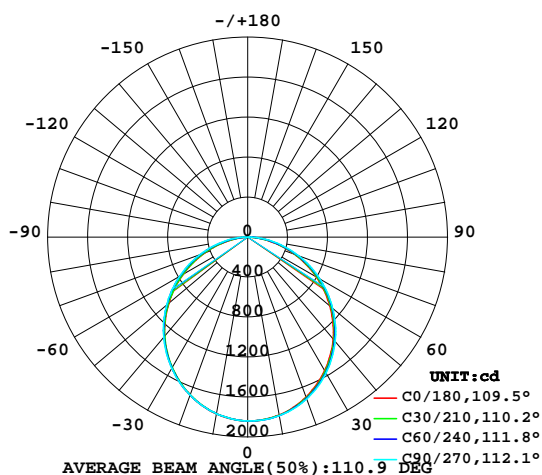


## LUMINAIRE PHOTOMETRIC TEST REPORT

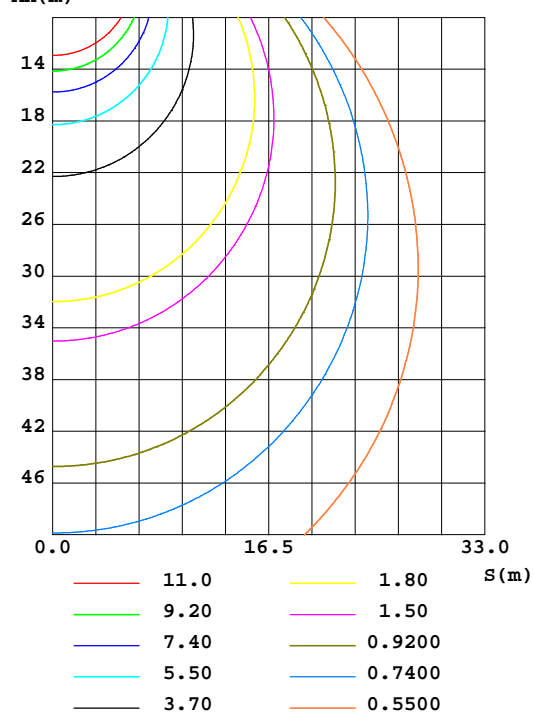
|                                                                   |              |                   |
|-------------------------------------------------------------------|--------------|-------------------|
| Test:U:121.0V I:0.3250A P:39.00W PF:0.9900 Lamp Flux:5189.69x1 lm |              |                   |
| NAME: 二代线条灯                                                       | TYPE: 白色外壳   | WEIGHT:           |
| DIM.: 4FT                                                         | SPEC.: 3500K | SERIAL No.: 认证样品  |
| MFR.: YQ                                                          | SUR.:        | PROTECTION ANGLE: |

| DATA OF LAMP     |         | PHOTOMETRIC DATA Eff: 133.07 lm/W |        |                   |          |
|------------------|---------|-----------------------------------|--------|-------------------|----------|
| MODEL            |         | I <sub>max</sub> (cd)             | 1840   | S/MH(C0/180)      | 1.25     |
| NOMINAL POWER(W) | 40      | LOR(%)                            | 100.0  | S/MH(C90/270)     | 1.27     |
| RATED VOLTAGE(V) | 122     | TOTAL FLUX(lm)                    | 5189.7 | η UP,DN(C0-180)   | 0.0,51.1 |
| NOMINAL FLUX(lm) | 5189.69 | CIE CLASS                         | DIRECT | η UP,DN(C180-360) | 0.0,48.9 |
| LAMPS INSIDE     | 1       | η up(%)                           | 0.1    | CIBSE SHR NOM     | 1.25     |
| TEST VOLTAGE(V)  | 121.1   | η down(%)                         | 99.9   | CIBSE SHR MAX     | 1.35     |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



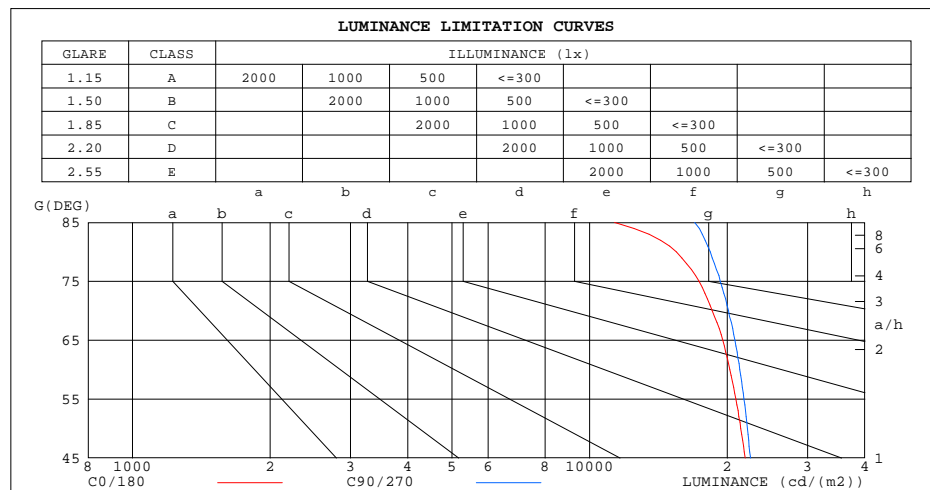
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:26.3DEG  
Operators:Ethan  
Test Date:2021-10-06

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.268  
Humidity:36%  
Test Distance:6.770m [K=1.0000]  
Remarks: E款 0:10  
单下发光 源磊A+

### ZONAL FLUX DIAGRAM AND LUMINANCE LIMITATION CURVES

#### ZONAL FLUX DIAGRAM:

| $\gamma$ | C0                    | C45    | C90    | C135   | C180   | C225   | C270   | C315   | $\gamma$ | $\Phi$ zone | $\Phi$ total | $\Phi$ lum, lamp |
|----------|-----------------------|--------|--------|--------|--------|--------|--------|--------|----------|-------------|--------------|------------------|
| 10       | 1807                  | 1812   | 1815   | 1812   | 1796   | 1794   | 1794   | 1795   | 0- 10    | 173.8       | 173.8        | 3.35,3.35        |
| 20       | 1705                  | 1715   | 1724   | 1715   | 1684   | 1682   | 1684   | 1684   | 10- 20   | 496.3       | 670.1        | 12.9,12.9        |
| 30       | 1542                  | 1557   | 1570   | 1557   | 1513   | 1512   | 1518   | 1516   | 20- 30   | 748.3       | 1418         | 27.3,27.3        |
| 40       | 1331                  | 1348   | 1362   | 1349   | 1296   | 1298   | 1307   | 1304   | 30- 40   | 897.8       | 2316         | 44.6,44.6        |
| 50       | 1074                  | 1097   | 1111   | 1098   | 1031   | 1046   | 1060   | 1052   | 40- 50   | 927.3       | 3244         | 62.5,62.5        |
| 60       | 791.2                 | 814.0  | 831.0  | 815.1  | 745.4  | 767.4  | 787.5  | 776.3  | 50- 60   | 835.0       | 4079         | 78.6,78.6        |
| 70       | 495.1                 | 514.1  | 537.2  | 516.1  | 450.9  | 475.1  | 502.2  | 485.6  | 60- 70   | 638.7       | 4717         | 90.9,90.9        |
| 80       | 209.6                 | 224.3  | 249.0  | 224.3  | 166.6  | 193.4  | 228.6  | 204.0  | 70- 80   | 372.1       | 5089         | 98.1,98.1        |
| 90       | 6.341                 | 4.764  | 5.113  | 4.252  | 0.3936 | 0.8379 | 1.133  | 1.332  | 80- 90   | 97.08       | 5186         | 99.9,99.9        |
| 100      | 0.2981                | 0.2963 | 0.2810 | 0.2800 | 0.3510 | 0.4224 | 0.3689 | 0.4320 | 90-100   | 0.5620      | 5187         | 99.9,99.9        |
| 110      | 0.3287                | 0.3497 | 0.3441 | 0.3402 | 0.3631 | 0.4071 | 0.4033 | 0.4192 | 100-110  | 0.3772      | 5187         | 100,100          |
| 120      | 0.3956                | 0.4243 | 0.4339 | 0.4186 | 0.4263 | 0.4654 | 0.4624 | 0.4673 | 110-120  | 0.4004      | 5188         | 100,100          |
| 130      | 0.4758                | 0.4998 | 0.5161 | 0.4950 | 0.5181 | 0.5438 | 0.5504 | 0.5351 | 120-130  | 0.4298      | 5188         | 100,100          |
| 140      | 0.5446                | 0.5591 | 0.5887 | 0.5571 | 0.5906 | 0.6011 | 0.6173 | 0.5935 | 130-140  | 0.4259      | 5189         | 100,100          |
| 150      | 0.6191                | 0.6326 | 0.6556 | 0.6298 | 0.6423 | 0.6546 | 0.6822 | 0.6556 | 140-150  | 0.3818      | 5189         | 100,100          |
| 160      | 0.7413                | 0.7444 | 0.7474 | 0.7349 | 0.7724 | 0.7454 | 0.7721 | 0.7645 | 150-160  | 0.3185      | 5189         | 100,100          |
| 170      | 0.8772                | 0.8839 | 0.8640 | 0.8859 | 0.9250 | 0.8667 | 0.8677 | 0.8858 | 160-170  | 0.2300      | 5190         | 100,100          |
| 180      | 0.8677                | 0.8496 | 0.8467 | 0.8648 | 0.8658 | 0.8486 | 0.8467 | 0.8668 | 170-180  | 0.0837      | 5190         | 100,100          |
| DEG      | LUMINOUS INTENSITY:cd |        |        |        |        |        |        |        |          | UNIT:lm     |              |                  |



| LUMINANCE cd/(m <sup>2</sup> ) |        |         |
|--------------------------------|--------|---------|
| G(°)                           | C0/180 | C90/270 |
| 85                             | 11344  | 16973   |
| 80                             | 15475  | 18381   |
| 75                             | 17363  | 19321   |
| 70                             | 18558  | 20135   |
| 65                             | 19570  | 20793   |
| 60                             | 20287  | 21307   |
| 55                             | 20888  | 21765   |
| 50                             | 21426  | 22153   |
| 45                             | 21886  | 22494   |

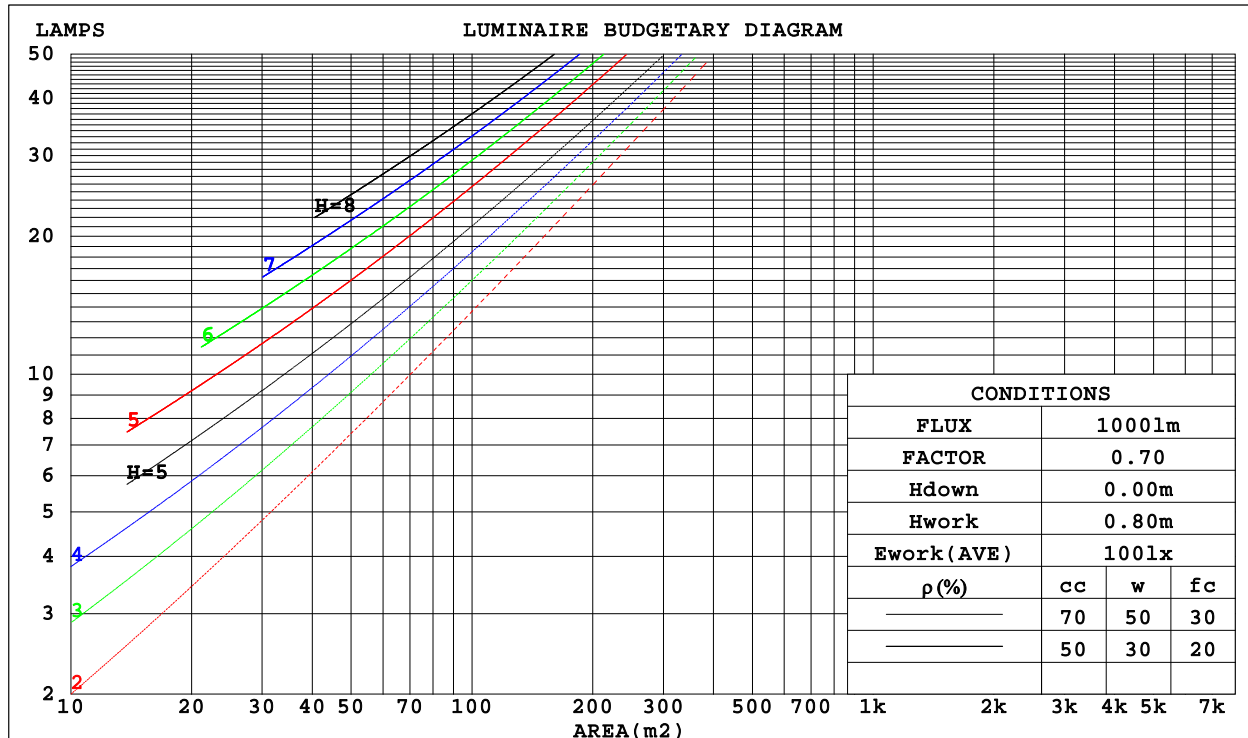
C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 26.3DEG  
 Operators: Ethan  
 Test Date: 2021-10-06

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.268  
 Humidity: 36%  
 Test Distance: 6.770m [K=1.0000]  
 Remarks: E款 0:10  
 单下发光 源磊A+

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

|                                                                   |             |                   |
|-------------------------------------------------------------------|-------------|-------------------|
| Test:U:121.0V I:0.3250A P:39.00W PF:0.9900 Lamp Flux:5189.69x1 lm |             |                   |
| NAME: 二代线条灯                                                       | TYPE:白色外壳   | WEIGHT:           |
| DIM.: 4FT                                                         | SPEC.:3500K | SERIAL No.:认证样品   |
| MFR.: YQ                                                          | SUR.:       | PROTECTION 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  | .88  | .82  | .77  | .85                             | .80  | .75  | .82  | .77  | .73  | .79  | .75  | .72  | .69 |  |
| 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  | .53  | .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  | .32  | .30 |  |
| 9.0         | .43                   | .35  | .29  | .42  | .34  | .29  | .41                             | .34  | .29  | .40  | .33  | .29  | .39  | .33  | .28  | .27 |  |
| 10.0        | .40                   | .32  | .26  | .39  | .31  | .26  | .38                             | .31  | .26  | .37  | .31  | .26  | .36  | .30  | .26  | .24 |  |



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 26.3DEG  
 Operators: Ethan  
 Test Date: 2021-10-06

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.268  
 Humidity: 36%  
 Test Distance: 6.770m [K=1.0000]  
 Remarks: E款 0:10  
 单下发光 源磊A+

## WEC AND CCEC

|                                                                   |             |                   |
|-------------------------------------------------------------------|-------------|-------------------|
| Test:U:121.0V I:0.3250A P:39.00W PF:0.9900 Lamp Flux:5189.69x1 lm |             |                   |
| NAME: 二代线条灯                                                       | TYPE:白色外壳   | WEIGHT:           |
| DIM.: 4FT                                                         | SPEC.:3500K | SERIAL No.:认证样品   |
| MFR.: YQ                                                          | SUR.:       | PROTECTION 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  | .310                  | .176 | .056 | .303 | .173 | .055 | .290                            | .166 | .053 | .278 | .160 | .051 | .266 | .154 | .050 |   |
| 2.0  | .292                  | .160 | .049 | .286 | .157 | .048 | .274                            | .152 | .047 | .263 | .148 | .046 | .253 | .143 | .045 |   |
| 3.0  | .270                  | .144 | .043 | .265 | .142 | .043 | .254                            | .138 | .042 | .245 | .134 | .041 | .236 | .131 | .040 |   |
| 4.0  | .249                  | .130 | .038 | .244 | .128 | .038 | .235                            | .125 | .037 | .227 | .122 | .037 | .219 | .119 | .036 |   |
| 5.0  | .230                  | .117 | .034 | .226 | .116 | .034 | .218                            | .113 | .033 | .210 | .111 | .033 | .203 | .109 | .033 |   |
| 6.0  | .214                  | .107 | .031 | .210 | .106 | .031 | .203                            | .104 | .030 | .196 | .102 | .030 | .189 | .100 | .030 |   |
| 7.0  | .199                  | .098 | .028 | .195 | .097 | .028 | .189                            | .095 | .028 | .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 | .023 | .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  | .191                  | .191 | .191 | .163                                       | .163 | .163 | .111 | .111 | .111 | .064 | .064 | .064 | .020 | .020 | .020 |   |
| 1.0  | .181                  | .157 | .135 | .155                                       | .134 | .116 | .106 | .092 | .080 | .061 | .054 | .047 | .020 | .017 | .015 |   |
| 2.0  | .173                  | .132 | .098 | .148                                       | .114 | .085 | .101 | .079 | .059 | .058 | .046 | .035 | .019 | .015 | .011 |   |
| 3.0  | .165                  | .115 | .075 | .141                                       | .099 | .065 | .097 | .069 | .045 | .056 | .040 | .027 | .018 | .013 | .009 |   |
| 4.0  | .157                  | .101 | .059 | .135                                       | .088 | .051 | .093 | .061 | .036 | .054 | .036 | .021 | .017 | .012 | .007 |   |
| 5.0  | .150                  | .091 | .048 | .129                                       | .079 | .041 | .089 | .055 | .029 | .051 | .032 | .017 | .017 | .011 | .006 |   |
| 6.0  | .143                  | .083 | .040 | .123                                       | .072 | .035 | .085 | .050 | .024 | .049 | .029 | .015 | .016 | .010 | .005 |   |
| 7.0  | .136                  | .076 | .034 | .117                                       | .066 | .029 | .081 | .046 | .021 | .047 | .027 | .012 | .015 | .009 | .004 |   |
| 8.0  | .129                  | .070 | .029 | .111                                       | .061 | .025 | .077 | .043 | .018 | .045 | .025 | .011 | .015 | .008 | .004 |   |
| 9.0  | .123                  | .065 | .026 | .106                                       | .056 | .022 | .074 | .040 | .016 | .043 | .023 | .009 | .014 | .008 | .003 |   |
| 10.0 | .118                  | .061 | .023 | .101                                       | .053 | .020 | .070 | .037 | .014 | .041 | .022 | .008 | .013 | .007 | .003 |   |

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:26.3DEG  
 Operators:Ethan  
 Test Date:2021-10-06

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.268  
 Humidity:36%  
 Test Distance:6.770m [K=1.0000]  
 Remarks: E款 0:10  
 单下发光 源磊A+

## Uncorrected UGR Table

|                                                                   |               |                  |      |      |      |               |                |      |                   |      |      |
|-------------------------------------------------------------------|---------------|------------------|------|------|------|---------------|----------------|------|-------------------|------|------|
| Test:U:121.0V I:0.3250A P:39.00W PF:0.9900 Lamp Flux:5189.69x1 lm |               |                  |      |      |      |               |                |      |                   |      |      |
| NAME: 二代线条灯                                                       |               |                  |      |      |      | TYPE:白色外壳     |                |      | WEIGHT:           |      |      |
| DIM.: 4FT                                                         |               |                  |      |      |      | SPEC.:3500K   |                |      | SERIAL No.:认证样品   |      |      |
| MFR.: YQ                                                          |               |                  |      |      |      | SUR.:         |                |      | PROTECTION 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                                                     | 23.5          | 25.0             | 23.8 | 25.2 | 25.4 | 23.7          | 25.2           | 24.0 | 25.4              | 25.6 |      |
|                                                                   | 3H            | 25.0             | 26.4 | 25.3 | 26.6 | 26.9          | 25.3           | 26.7 | 25.6              | 26.9 | 27.2 |
|                                                                   | 4H            | 25.6             | 27.0 | 25.9 | 27.2 | 27.5          | 26.0           | 27.3 | 26.3              | 27.5 | 27.8 |
|                                                                   | 6H            | 26.1             | 27.3 | 26.4 | 27.6 | 27.9          | 26.5           | 27.7 | 26.8              | 28.0 | 28.3 |
|                                                                   | 8H            | 26.2             | 27.4 | 26.5 | 27.7 | 28.0          | 26.7           | 27.9 | 27.0              | 28.2 | 28.5 |
|                                                                   | 12H           | 26.2             | 27.4 | 26.6 | 27.7 | 28.0          | 26.8           | 28.0 | 27.1              | 28.3 | 28.6 |
| 4H                                                                | 2H            | 24.1             | 25.5 | 24.4 | 25.7 | 26.0          | 24.3           | 25.6 | 24.6              | 25.9 | 26.1 |
|                                                                   | 3H            | 25.8             | 27.0 | 26.2 | 27.3 | 27.6          | 26.1           | 27.2 | 26.4              | 27.5 | 27.8 |
|                                                                   | 4H            | 26.6             | 27.6 | 27.0 | 28.0 | 28.3          | 26.9           | 27.9 | 27.2              | 28.3 | 28.6 |
|                                                                   | 6H            | 27.1             | 28.1 | 27.5 | 28.4 | 28.8          | 27.5           | 28.5 | 27.9              | 28.8 | 29.2 |
|                                                                   | 8H            | 27.3             | 28.2 | 27.7 | 28.6 | 29.0          | 27.8           | 28.7 | 28.2              | 29.0 | 29.4 |
|                                                                   | 12H           | 27.4             | 28.2 | 27.8 | 28.6 | 29.0          | 27.9           | 28.8 | 28.4              | 29.1 | 29.5 |
| 8H                                                                | 4H            | 26.9             | 27.8 | 27.3 | 28.1 | 28.5          | 27.1           | 28.0 | 27.5              | 28.4 | 28.8 |
|                                                                   | 6H            | 27.6             | 28.3 | 28.0 | 28.7 | 29.2          | 27.9           | 28.7 | 28.4              | 29.1 | 29.5 |
|                                                                   | 8H            | 27.9             | 28.5 | 28.3 | 28.9 | 29.4          | 28.3           | 28.9 | 28.7              | 29.4 | 29.8 |
|                                                                   | 12H           | 28.0             | 28.6 | 28.5 | 29.0 | 29.5          | 28.5           | 29.1 | 29.0              | 29.5 | 30.0 |
| 12H                                                               | 4H            | 26.9             | 27.7 | 27.3 | 28.1 | 28.5          | 27.1           | 28.0 | 27.6              | 28.3 | 28.8 |
|                                                                   | 6H            | 27.7             | 28.3 | 28.1 | 28.7 | 29.2          | 28.0           | 28.6 | 28.5              | 29.1 | 29.5 |
|                                                                   | 8H            | 28.0             | 28.5 | 28.4 | 29.0 | 29.5          | 28.4           | 28.9 | 28.8              | 29.4 | 29.9 |
| Variations with the observer position at spacings:                |               |                  |      |      |      |               |                |      |                   |      |      |
| S = 1.0H                                                          | + 0.2 / - 0.2 |                  |      |      |      | + 0.1 / - 0.2 |                |      |                   |      |      |
| 1.5H                                                              | + 0.2 / - 0.3 |                  |      |      |      | + 0.2 / - 0.3 |                |      |                   |      |      |
| 2.0H                                                              | + 0.1 / - 0.3 |                  |      |      |      | + 0.1 / - 0.3 |                |      |                   |      |      |

CIE Pub.117 Corrected 5190 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.7)

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:26.3DEG  
 Operators:Ethan  
 Test Date:2021-10-06

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.268  
 Humidity:36%  
 Test Distance:6.770m [K=1.0000]  
 Remarks: E款 0:10  
 单下发光 源磊A+

## UTILIZATION FACTORS TABLE

|                                                                   |             |                   |
|-------------------------------------------------------------------|-------------|-------------------|
| Test:U:121.0V I:0.3250A P:39.00W PF:0.9900 Lamp Flux:5189.69x1 lm |             |                   |
| NAME: 二代线条灯                                                       | TYPE:白色外壳   | WEIGHT:           |
| DIM.: 4FT                                                         | SPEC.:3500K | SERIAL No.:认证样品   |
| MFR.: YQ                                                          | SUR.:       | PROTECTION ANGLE: |

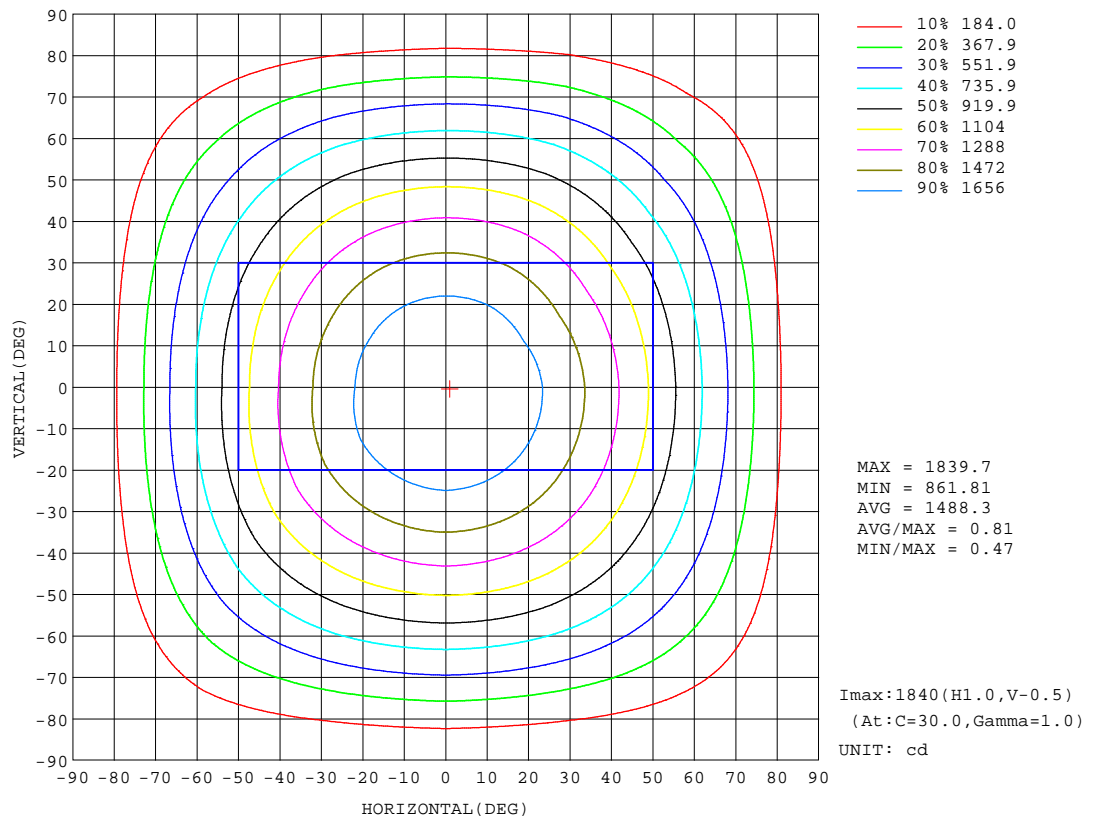
| REFLECTANCE                      |                                                     |     |           |     |     |     |     |               |     |        |
|----------------------------------|-----------------------------------------------------|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| 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  | 45            | 39  | 32     |
| 0.80                             | 68                                                  | 56  | 49        | 67  | 56  | 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                                                 | 100 | 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: 30.0DEG  
 Test Speed: HIGH  
 Temperature:26.3DEG  
 Operators:Ethan  
 Test Date:2021-10-06

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.268  
 Humidity:36%  
 Test Distance:6.770m [K=1.0000]  
 Remarks: E款 0:10  
 单下发光 源磊A+

## ISOCANDELA DIAGRAM

|                                                                   |             |                   |
|-------------------------------------------------------------------|-------------|-------------------|
| Test:U:121.0V I:0.3250A P:39.00W PF:0.9900 Lamp Flux:5189.69x1 lm |             |                   |
| NAME: 二代线条灯                                                       | TYPE:白色外壳   | WEIGHT:           |
| DIM.: 4FT                                                         | SPEC.:3500K | SERIAL No.:认证样品   |
| MFR.: YQ                                                          | SUR.:       | PROTECTION ANGLE: |



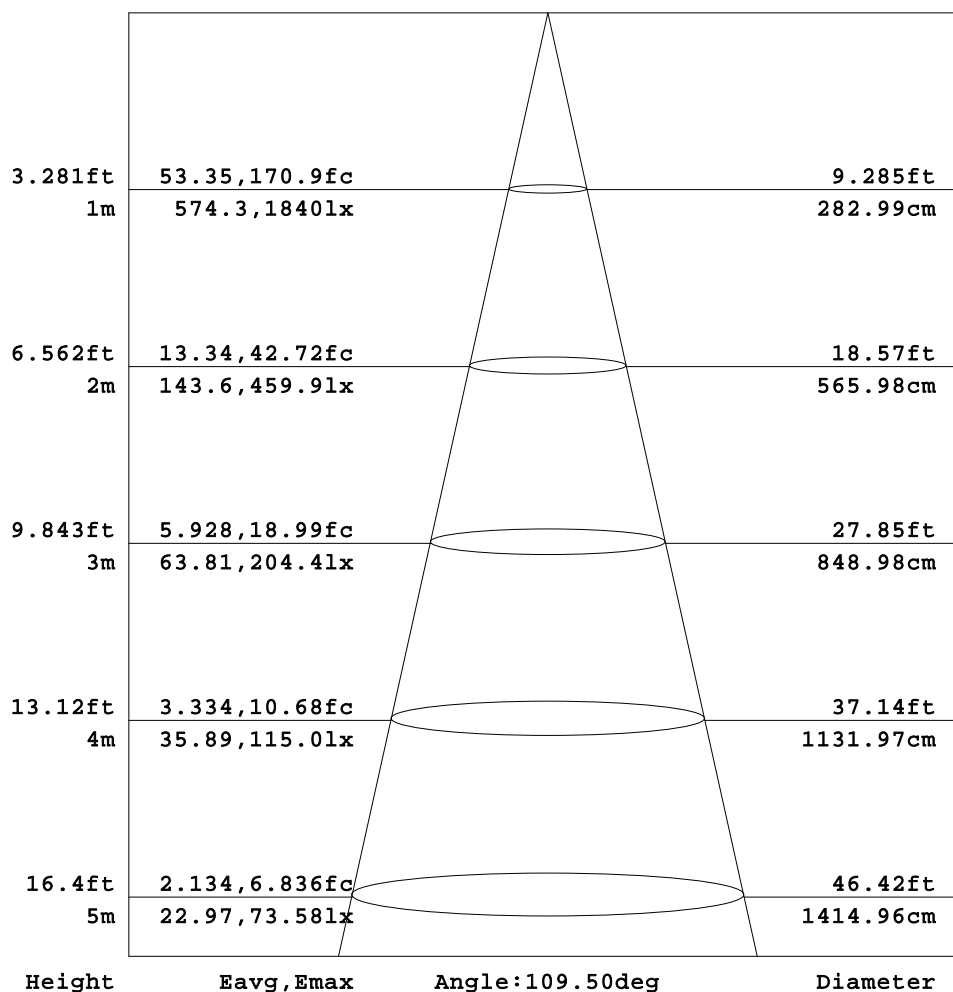
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:26.3DEG  
Operators:Ethan  
Test Date:2021-10-06

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.268  
Humidity:36%  
Test Distance:6.770m [K=1.0000]  
Remarks: E款 0:10  
单下发光 源磊A+

## AAI Figure

|                                                                   |             |                   |
|-------------------------------------------------------------------|-------------|-------------------|
| Test:U:121.0V I:0.3250A P:39.00W PF:0.9900 Lamp Flux:5189.69x1 lm |             |                   |
| NAME: 二代线条灯                                                       | TYPE:白色外壳   | WEIGHT:           |
| DIM.: 4FT                                                         | SPEC.:3500K | SERIAL No.:认证样品   |
| MFR.: YQ                                                          | SUR.:       | PROTECTION ANGLE: |

Flux out:3680 lm



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

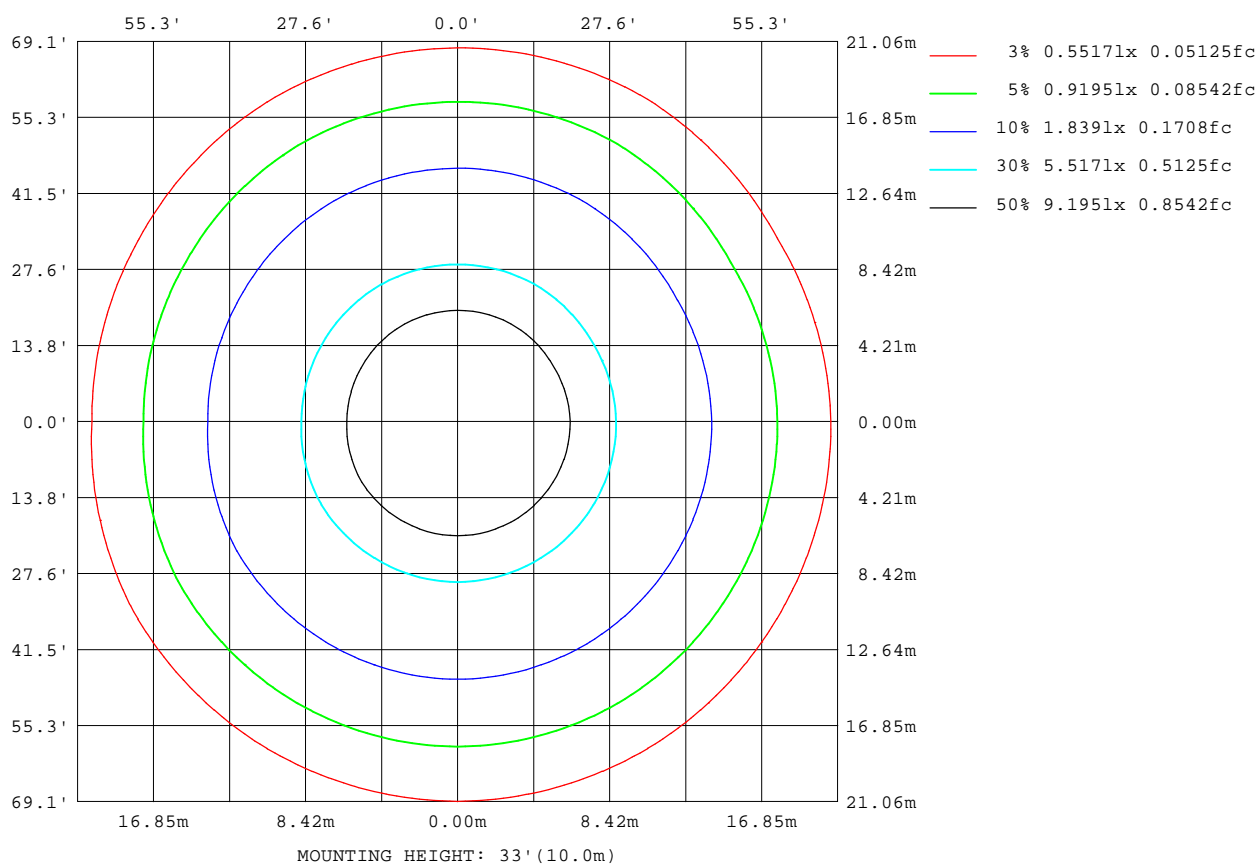
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 26.3DEG  
Operators: Ethan  
Test Date: 2021-10-06

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.268  
Humidity: 36%  
Test Distance: 6.770m [K=1.0000]  
Remarks: E款 0:10  
单下发光 源磊A+



## ISOLUX DIAGRAM

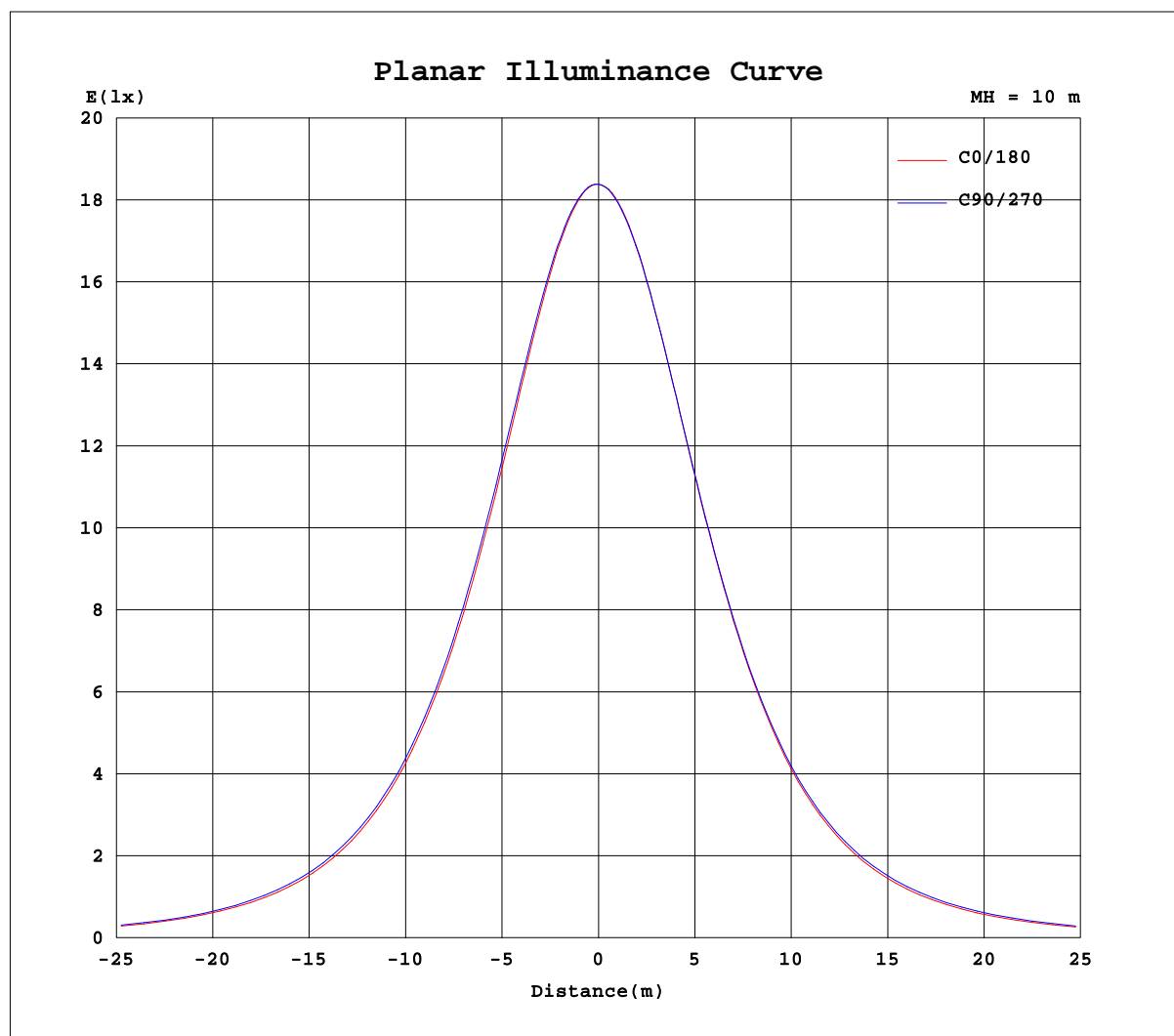
|                                                                   |              |                   |
|-------------------------------------------------------------------|--------------|-------------------|
| Test:U:121.0V I:0.3250A P:39.00W PF:0.9900 Lamp Flux:5189.69x1 lm |              |                   |
| NAME: 二代线条灯                                                       | TYPE: 白色外壳   | WEIGHT:           |
| DIM.: 4FT                                                         | SPEC.: 3500K | SERIAL No.: 认证样品  |
| MFR.: YQ                                                          | SUR.:        | PROTECTION ANGLE: |



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 26.3DEG  
Operators: Ethan  
Test Date: 2021-10-06

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.268  
Humidity: 36%  
Test Distance: 6.770m [K=1.0000]  
Remarks: E款 0:10  
单下发光 源磊A+

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 26.3DEG  
Operators: Ethan  
Test Date: 2021-10-06

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.268  
Humidity: 36%  
Test Distance: 6.770m [K=1.0000]  
Remarks: E款 0:10  
单下发光 源磊A+

## LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                   |             |                   |
|-------------------------------------------------------------------|-------------|-------------------|
| Test:U:121.0V I:0.3250A P:39.00W PF:0.9900 Lamp Flux:5189.69x1 lm |             |                   |
| NAME: 二代线条灯                                                       | TYPE:白色外壳   | WEIGHT:           |
| DIM.: 4FT                                                         | SPEC.:3500K | SERIAL No.:认证样品   |
| MFR.: YQ                                                          | SUR.:       | PROTECTION ANGLE: |

Table--1

UNIT: cd

| C(DEG)<br>γ (DEG) | 0    | 30   | 60   | 90   | 120  | 150  | 180  | 210  | 240  | 270  | 300  | 330  |  |  |  |  |  |  |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|
| 0                 | 1839 | 1839 | 1839 | 1839 | 1840 | 1839 | 1839 | 1839 | 1839 | 1839 | 1840 | 1839 |  |  |  |  |  |  |
| 5                 | 1833 | 1833 | 1835 | 1835 | 1834 | 1834 | 1827 | 1826 | 1825 | 1825 | 1825 | 1825 |  |  |  |  |  |  |
| 10                | 1807 | 1811 | 1814 | 1815 | 1812 | 1811 | 1796 | 1794 | 1794 | 1794 | 1796 | 1794 |  |  |  |  |  |  |
| 15                | 1764 | 1769 | 1775 | 1777 | 1773 | 1770 | 1749 | 1746 | 1746 | 1747 | 1749 | 1746 |  |  |  |  |  |  |
| 20                | 1705 | 1711 | 1719 | 1724 | 1718 | 1712 | 1684 | 1680 | 1683 | 1684 | 1686 | 1681 |  |  |  |  |  |  |
| 25                | 1629 | 1639 | 1648 | 1655 | 1646 | 1640 | 1604 | 1601 | 1606 | 1607 | 1610 | 1603 |  |  |  |  |  |  |
| 30                | 1542 | 1552 | 1563 | 1570 | 1562 | 1553 | 1513 | 1509 | 1516 | 1518 | 1521 | 1512 |  |  |  |  |  |  |
| 35                | 1442 | 1454 | 1465 | 1472 | 1463 | 1455 | 1409 | 1406 | 1414 | 1418 | 1421 | 1409 |  |  |  |  |  |  |
| 40                | 1331 | 1343 | 1353 | 1362 | 1352 | 1345 | 1296 | 1293 | 1303 | 1307 | 1310 | 1297 |  |  |  |  |  |  |
| 45                | 1207 | 1222 | 1233 | 1241 | 1231 | 1224 | 1167 | 1170 | 1182 | 1187 | 1189 | 1176 |  |  |  |  |  |  |
| 50                | 1074 | 1089 | 1104 | 1111 | 1102 | 1094 | 1031 | 1036 | 1055 | 1060 | 1062 | 1043 |  |  |  |  |  |  |
| 55                | 935  | 949  | 968  | 974  | 965  | 953  | 891  | 897  | 922  | 926  | 929  | 904  |  |  |  |  |  |  |
| 60                | 791  | 803  | 825  | 831  | 823  | 807  | 745  | 753  | 782  | 788  | 792  | 761  |  |  |  |  |  |  |
| 65                | 645  | 656  | 675  | 685  | 677  | 659  | 598  | 607  | 637  | 647  | 650  | 616  |  |  |  |  |  |  |
| 70                | 495  | 507  | 521  | 537  | 523  | 509  | 451  | 458  | 492  | 502  | 505  | 466  |  |  |  |  |  |  |
| 75                | 351  | 360  | 373  | 390  | 374  | 361  | 306  | 314  | 349  | 363  | 361  | 323  |  |  |  |  |  |  |
| 80                | 210  | 219  | 230  | 249  | 229  | 220  | 167  | 176  | 211  | 229  | 223  | 185  |  |  |  |  |  |  |
| 85                | 77.1 | 82.9 | 98.9 | 115  | 98.5 | 84.3 | 38.9 | 49.4 | 79.0 | 101  | 91.8 | 57.2 |  |  |  |  |  |  |
| 90                | 6.34 | 5.57 | 3.96 | 5.11 | 3.19 | 5.31 | 0.39 | 0.56 | 1.12 | 1.13 | 2.01 | 0.66 |  |  |  |  |  |  |
| 95                | 0.30 | 0.28 | 0.30 | 0.27 | 0.28 | 0.27 | 0.36 | 0.45 | 0.48 | 0.37 | 0.47 | 0.49 |  |  |  |  |  |  |
| 100               | 0.30 | 0.29 | 0.30 | 0.28 | 0.29 | 0.27 | 0.35 | 0.42 | 0.42 | 0.37 | 0.42 | 0.44 |  |  |  |  |  |  |
| 105               | 0.31 | 0.31 | 0.32 | 0.31 | 0.31 | 0.30 | 0.35 | 0.40 | 0.41 | 0.38 | 0.42 | 0.43 |  |  |  |  |  |  |
| 110               | 0.33 | 0.34 | 0.36 | 0.34 | 0.35 | 0.33 | 0.36 | 0.40 | 0.41 | 0.40 | 0.41 | 0.43 |  |  |  |  |  |  |
| 115               | 0.36 | 0.38 | 0.39 | 0.39 | 0.39 | 0.37 | 0.39 | 0.41 | 0.45 | 0.43 | 0.44 | 0.43 |  |  |  |  |  |  |
| 120               | 0.40 | 0.42 | 0.43 | 0.43 | 0.42 | 0.41 | 0.43 | 0.45 | 0.48 | 0.46 | 0.47 | 0.47 |  |  |  |  |  |  |
| 125               | 0.44 | 0.45 | 0.47 | 0.48 | 0.46 | 0.45 | 0.47 | 0.49 | 0.52 | 0.51 | 0.50 | 0.50 |  |  |  |  |  |  |
| 130               | 0.48 | 0.50 | 0.50 | 0.52 | 0.50 | 0.49 | 0.52 | 0.53 | 0.56 | 0.55 | 0.53 | 0.54 |  |  |  |  |  |  |
| 135               | 0.51 | 0.53 | 0.53 | 0.56 | 0.53 | 0.53 | 0.57 | 0.57 | 0.58 | 0.59 | 0.56 | 0.57 |  |  |  |  |  |  |
| 140               | 0.54 | 0.56 | 0.56 | 0.59 | 0.56 | 0.55 | 0.59 | 0.60 | 0.61 | 0.62 | 0.59 | 0.59 |  |  |  |  |  |  |
| 145               | 0.57 | 0.59 | 0.59 | 0.62 | 0.59 | 0.58 | 0.61 | 0.61 | 0.63 | 0.65 | 0.62 | 0.61 |  |  |  |  |  |  |
| 150               | 0.62 | 0.63 | 0.63 | 0.66 | 0.63 | 0.63 | 0.64 | 0.65 | 0.66 | 0.68 | 0.66 | 0.65 |  |  |  |  |  |  |
| 155               | 0.66 | 0.68 | 0.68 | 0.69 | 0.68 | 0.67 | 0.69 | 0.68 | 0.70 | 0.72 | 0.70 | 0.69 |  |  |  |  |  |  |
| 160               | 0.74 | 0.75 | 0.74 | 0.75 | 0.74 | 0.73 | 0.77 | 0.73 | 0.76 | 0.77 | 0.76 | 0.77 |  |  |  |  |  |  |
| 165               | 0.80 | 0.84 | 0.80 | 0.81 | 0.80 | 0.80 | 0.85 | 0.80 | 0.82 | 0.83 | 0.83 | 0.85 |  |  |  |  |  |  |
| 170               | 0.88 | 0.91 | 0.86 | 0.86 | 0.87 | 0.90 | 0.93 | 0.87 | 0.87 | 0.87 | 0.86 | 0.91 |  |  |  |  |  |  |
| 175               | 0.88 | 0.90 | 0.86 | 0.87 | 0.88 | 0.91 | 0.89 | 0.86 | 0.84 | 0.85 | 0.84 | 0.87 |  |  |  |  |  |  |
| 180               | 0.87 | 0.86 | 0.84 | 0.85 | 0.86 | 0.87 | 0.87 | 0.86 | 0.84 | 0.85 | 0.86 | 0.87 |  |  |  |  |  |  |

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:26.3DEG  
Operators:Ethan  
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γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.268  
Humidity:36%  
Test Distance:6.770m [K=1.0000]  
Remarks: E款 0:10  
单下发光 源磊A+