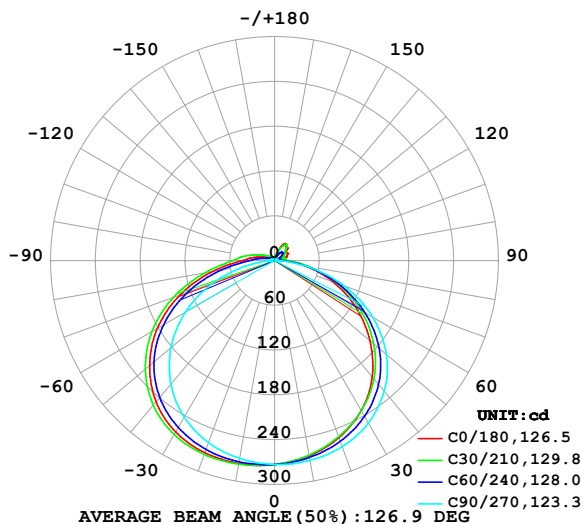


## LUMINAIRE PHOTOMETRIC TEST REPORT

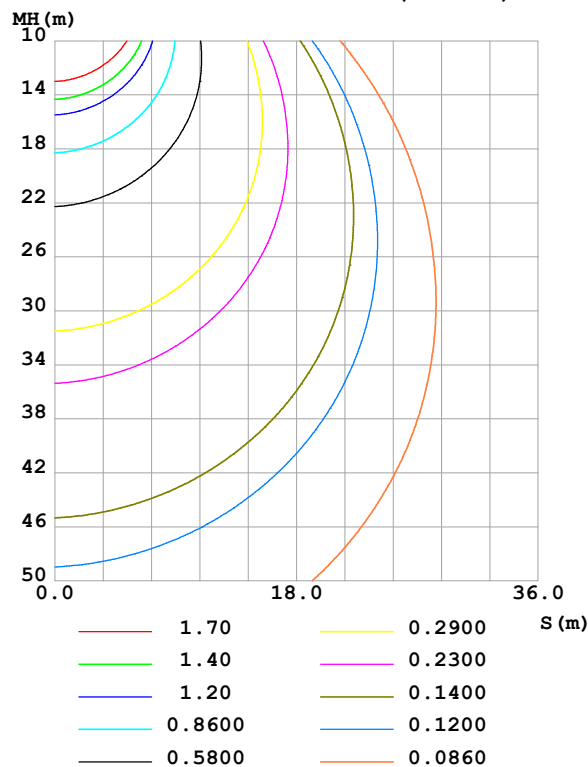
|                                              |                   |                  |
|----------------------------------------------|-------------------|------------------|
| Test:U:-113.00V I:0A P:0W PF:0.0000 Freq:0Hz |                   |                  |
| UTHDi:0.00% ITHDi:0.00% KDisp:24.00          |                   |                  |
| Lamp Flux:1025.9x1 lm                        |                   |                  |
| NAME: 软灯条                                    | TYPE: 软灯条         | WEIGHT:          |
| SPEC.: S012084CC4DE1 Mixed                   | DIM.: 1000×15×6mm | SERIAL No.:      |
| MFR.: iPixel LED                             | SUR.: 1000X15X6mm | Shielding Angle: |

| DATA OF LAMP     |                     | PHOTOMETRIC DATA |        |                        |          |
|------------------|---------------------|------------------|--------|------------------------|----------|
| MODEL            | S012084CC4DE1 Mixed | Imax (cd)        | 280.6  | S/MH(C0/180)           | 1.45     |
| NOMINAL POWER(W) | 23                  | LOR(%)           | 100.0  | S/MH(C90/270)          | 1.32     |
| RATED VOLTAGE(V) | 24                  | TOTAL FLUX(lm)   | 1025.9 | $\eta$ UP,DN(C0-180)   | 4.0,46.0 |
| NOMINAL FLUX(lm) | 1025.9              | CIE CLASS        | DIRECT | $\eta$ UP,DN(C180-360) | 3.5,46.5 |
| LAMPS INSIDE     | 1                   | $\eta$ up (%)    | 7.5    | CIBSE SHR NOM          | 1.50     |
| TEST VOLTAGE(V)  | 24                  | $\eta$ down (%)  | 92.5   | CIBSE SHR MAX          | 1.55     |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:LEIXIAOLAN  
Test Date:2024-09-26

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
Humidity:65.0%  
Test Distance:6.820m [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       | 265.7                 | 266.2 | 271.9 | 277.8 | 276.0 | 275.4 | 269.2 | 263.2 | 0- 10    | 25.96       | 25.96        | 2.53,2.53  |
| 20       | 252.4                 | 254.4 | 265.2 | 276.8 | 273.9 | 272.7 | 259.4 | 247.2 | 10- 20   | 75.63       | 101.6        | 9.9,9.9    |
| 30       | 232.3                 | 236.7 | 251.4 | 269.3 | 265.2 | 263.7 | 242.1 | 224.9 | 20- 30   | 118.4       | 220.0        | 21.4,21.4  |
| 40       | 203.5                 | 211.9 | 228.5 | 252.5 | 247.1 | 246.2 | 216.3 | 196.6 | 30- 40   | 149.1       | 369.1        | 36,36      |
| 50       | 166.9                 | 178.1 | 195.4 | 224.4 | 218.5 | 218.7 | 181.3 | 161.5 | 40- 50   | 162.8       | 531.9        | 51.8,51.8  |
| 60       | 125.9                 | 136.5 | 152.0 | 185.6 | 181.4 | 180.7 | 137.8 | 121.6 | 50- 60   | 156.3       | 688.1        | 67.1,67.1  |
| 70       | 83.26                 | 90.09 | 99.12 | 137.2 | 135.0 | 134.0 | 87.35 | 79.66 | 60- 70   | 129.7       | 817.8        | 79.7,79.7  |
| 80       | 42.19                 | 44.25 | 41.49 | 84.51 | 84.02 | 83.53 | 35.05 | 40.07 | 70- 80   | 87.51       | 905.4        | 88.2,88.2  |
| 90       | 14.61                 | 13.68 | 3.897 | 44.88 | 43.22 | 44.83 | 4.944 | 16.39 | 80- 90   | 43.27       | 948.6        | 92.5,92.5  |
| 100      | 14.41                 | 10.13 | 2.245 | 29.50 | 26.76 | 28.34 | 4.874 | 12.84 | 90-100   | 23.17       | 971.8        | 94.7,94.7  |
| 110      | 17.36                 | 10.41 | 3.175 | 17.86 | 14.20 | 16.72 | 4.718 | 12.86 | 100-110  | 15.63       | 987.4        | 96.2,96.3  |
| 120      | 20.30                 | 11.90 | 3.354 | 11.17 | 6.305 | 10.59 | 4.423 | 11.59 | 110-120  | 11.33       | 998.8        | 97.4,97.4  |
| 130      | 21.25                 | 16.01 | 3.336 | 7.266 | 4.142 | 7.154 | 4.172 | 9.061 | 120-130  | 9.009       | 1008         | 98.2,98.2  |
| 140      | 24.49                 | 20.58 | 3.718 | 5.149 | 4.027 | 4.979 | 4.121 | 5.486 | 130-140  | 7.223       | 1015         | 98.9,98.9  |
| 150      | 25.73                 | 16.80 | 4.223 | 4.406 | 4.246 | 3.937 | 4.103 | 4.061 | 140-150  | 5.540       | 1021         | 99.5,99.5  |
| 160      | 13.66                 | 9.479 | 4.427 | 4.571 | 4.454 | 4.059 | 4.234 | 5.621 | 150-160  | 3.367       | 1024         | 99.8,99.8  |
| 170      | 6.578                 | 5.778 | 4.554 | 4.645 | 4.307 | 4.353 | 4.445 | 5.701 | 160-170  | 1.579       | 1025         | 100,100    |
| 180      | 4.505                 | 4.604 | 4.605 | 4.573 | 4.515 | 4.572 | 4.569 | 4.597 | 170-180  | 0.4597      | 1026         | 100,100    |
| DEG      | LUMINOUS INTENSITY:cd |       |       |       |       |       |       |       |          | UNIT:lm     |              |            |

Conical surface Flux(90deg): 450.02 lm

%lum = 43.9%

%lamp = 43.9%

Conical surface Flux(130deg): 757.45 lm

%lum = 73.8%

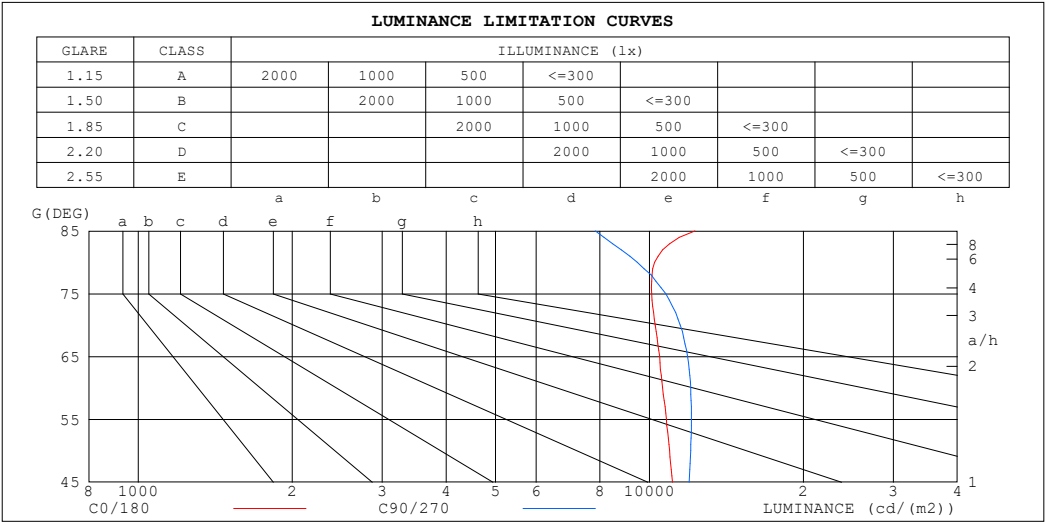
%lamp = 73.8%

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3℃  
 Operators:LEIXIAOLAN  
 Test Date:2024-09-26

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
 Humidity:65.0%  
 Test Distance:6.820m [K=1.0000]  
 Remarks:

LUMINANCE LIMITATION CURVES

|                                              |  |                   |                       |                  |  |
|----------------------------------------------|--|-------------------|-----------------------|------------------|--|
| Test:U:-113.00V I:0A P:0W PF:0.0000 Freq:0Hz |  |                   | Lamp Flux:1025.9x1 lm |                  |  |
| UTHDi:0.00% ITHDi:0.00% KDisp:24.00          |  |                   |                       |                  |  |
| NAME: 软灯条                                    |  | TYPE: 软灯条         |                       | WEIGHT:          |  |
| SPEC.: S012084CC4DE1 Mixed                   |  | DIM.: 1000×15×6mm |                       | SERIAL No.:      |  |
| MFR.: iPixel LED                             |  | SUR.: 1000X15X6mm |                       | Shielding Angle: |  |



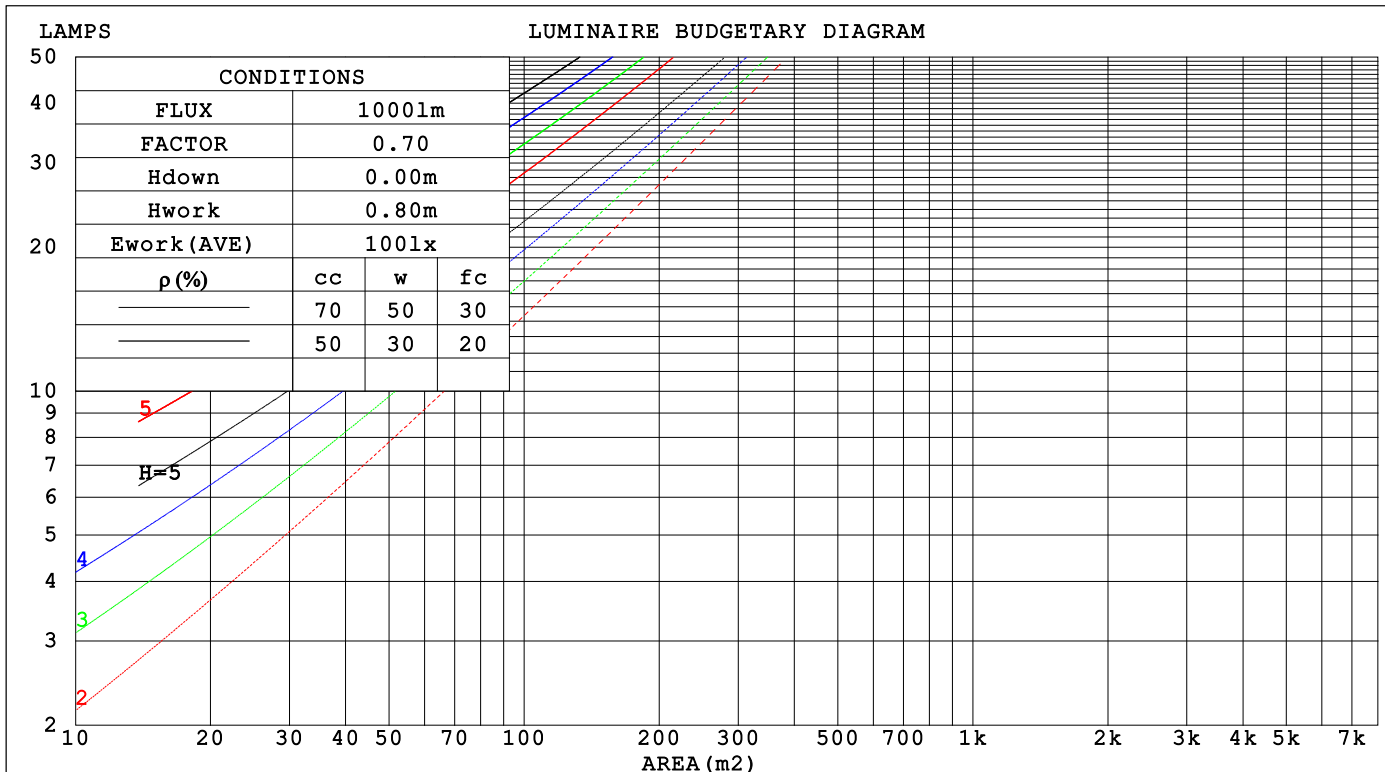
| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G (DEG)           | C0/180 | C90/270 |
| 85                | 12267  | 7833    |
| 80                | 10239  | 9460    |
| 75                | 10099  | 10755   |
| 70                | 10259  | 11475   |
| 65                | 10465  | 11875   |
| 60                | 10611  | 12038   |
| 55                | 10789  | 12071   |
| 50                | 10943  | 12039   |
| 45                | 11086  | 11959   |

|                      |                                                   |
|----------------------|---------------------------------------------------|
| C Range: 0 - 360DEG  | γ Range: 0 - 180DEG                               |
| C Interval: 30.0DEG  | γ Interval: 1.0DEG                                |
| Test Speed: HIGH     | Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488 |
| Temperature:25.3℃    | Humidity:65.0%                                    |
| Operators:LEIXIAOLAN | Test Distance:6.820m [K=1.0000]                   |
| Test Date:2024-09-26 | Remarks:                                          |

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

|                                              |  |                   |                       |                  |  |
|----------------------------------------------|--|-------------------|-----------------------|------------------|--|
| Test:U:-113.00V I:0A P:0W PF:0.0000 Freq:0Hz |  |                   | Lamp Flux:1025.9x1 lm |                  |  |
| UTHDi:0.00% ITHDi:0.00% KDisp:24.00          |  |                   |                       |                  |  |
| NAME: 软灯条                                    |  | TYPE: 软灯条         |                       | WEIGHT:          |  |
| SPEC.: S012084CC4DE1 Mixed                   |  | DIM.: 1000×15×6mm |                       | SERIAL No.:      |  |
| MFR.: iPixel LED                             |  | SUR.: 1000X15X6mm |                       | 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                      Coefficients of Utilization(CU) |      |      |      |      |      |      |      |      |      |      |      |     |     |     |     |
| 0.0  | 1.17                                                                       | 1.17 | 1.17 | 1.14 | 1.14 | 1.14 | 1.07 | 1.07 | 1.07 | 1.01 | 1.01 | 1.01 | .95 | .95 | .95 | .92 |
| 1.0  | 1.00                                                                       | .95  | .91  | .97  | .93  | .89  | .91  | .88  | .85  | .86  | .83  | .81  | .81 | .79 | .77 | .74 |
| 2.0  | .86                                                                        | .79  | .73  | .84  | .77  | .71  | .79  | .73  | .68  | .74  | .70  | .66  | .70 | .66 | .63 | .60 |
| 3.0  | .75                                                                        | .66  | .59  | .73  | .65  | .58  | .69  | .62  | .56  | .65  | .59  | .54  | .61 | .57 | .53 | .50 |
| 4.0  | .66                                                                        | .57  | .50  | .64  | .56  | .49  | .61  | .53  | .47  | .57  | .51  | .46  | .54 | .49 | .45 | .42 |
| 5.0  | .59                                                                        | .49  | .42  | .57  | .48  | .42  | .54  | .46  | .41  | .51  | .45  | .39  | .49 | .43 | .38 | .36 |
| 6.0  | .53                                                                        | .43  | .37  | .51  | .42  | .36  | .49  | .41  | .35  | .46  | .39  | .34  | .44 | .38 | .33 | .31 |
| 7.0  | .47                                                                        | .38  | .32  | .46  | .38  | .32  | .44  | .36  | .31  | .42  | .35  | .30  | .40 | .34 | .29 | .27 |
| 8.0  | .43                                                                        | .34  | .28  | .42  | .34  | .28  | .40  | .33  | .27  | .38  | .32  | .27  | .37 | .31 | .26 | .24 |
| 9.0  | .39                                                                        | .31  | .25  | .39  | .31  | .25  | .37  | .30  | .25  | .35  | .29  | .24  | .34 | .28 | .24 | .22 |
| 10.0 | .36                                                                        | .28  | .23  | .36  | .28  | .23  | .34  | .27  | .22  | .33  | .26  | .22  | .31 | .25 | .21 | .19 |



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:LEIXIAOLAN  
Test Date:2024-09-26

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
Humidity:65.0%  
Test Distance:6.820m [K=1.0000]  
Remarks:

### WEC AND CCEC

|                                              |  |                   |                       |                  |  |
|----------------------------------------------|--|-------------------|-----------------------|------------------|--|
| Test:U:-113.00V I:0A P:0W PF:0.0000 Freq:0Hz |  |                   | Lamp Flux:1025.9x1 lm |                  |  |
| UTHDi:0.00% ITHDi:0.00% KDisp:24.00          |  |                   |                       |                  |  |
| NAME: 软灯条                                    |  | TYPE: 软灯条         |                       | WEIGHT:          |  |
| SPEC.: S012084CC4DE1 Mixed                   |  | DIM.: 1000×15×6mm |                       | SERIAL No.:      |  |
| MFR.: iPixel LED                             |  | SUR.: 1000X15X6mm |                       | 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  | .347                  | .197 | .063 | .338 | .193 | .061 | .320                            | .184 | .059 | .304 | .175 | .056 | .289 | .167 | .054 |   |  |
| 2.0  | .315                  | .172 | .053 | .306 | .169 | .052 | .290                            | .161 | .050 | .276 | .155 | .048 | .262 | .148 | .047 |   |  |
| 3.0  | .286                  | .152 | .046 | .278 | .149 | .045 | .264                            | .143 | .043 | .251 | .137 | .042 | .239 | .132 | .041 |   |  |
| 4.0  | .261                  | .135 | .040 | .254 | .133 | .039 | .241                            | .128 | .038 | .229 | .123 | .037 | .218 | .119 | .036 |   |  |
| 5.0  | .239                  | .122 | .035 | .233 | .120 | .035 | .221                            | .115 | .034 | .211 | .111 | .033 | .201 | .107 | .032 |   |  |
| 6.0  | .220                  | .110 | .032 | .215 | .108 | .031 | .204                            | .105 | .030 | .195 | .101 | .030 | .186 | .098 | .029 |   |  |
| 7.0  | .204                  | .101 | .029 | .199 | .099 | .028 | .190                            | .096 | .028 | .181 | .093 | .027 | .173 | .090 | .026 |   |  |
| 8.0  | .190                  | .093 | .026 | .185 | .091 | .026 | .177                            | .088 | .025 | .169 | .085 | .025 | .161 | .083 | .024 |   |  |
| 9.0  | .177                  | .086 | .024 | .173 | .084 | .024 | .165                            | .082 | .023 | .158 | .079 | .023 | .151 | .077 | .022 |   |  |
| 10.0 | .166                  | .080 | .022 | .163 | .078 | .022 | .155                            | .076 | .021 | .149 | .074 | .021 | .142 | .072 | .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  | .248                  | .248 | .248 | .212 | .212 | .212 | .145                                        | .145 | .145 | .083 | .083 | .083 | .027 | .027 | .027 |   |  |
| 1.0  | .241                  | .214 | .189 | .206 | .183 | .163 | .141                                        | .126 | .113 | .081 | .073 | .066 | .026 | .024 | .021 |   |  |
| 2.0  | .234                  | .190 | .154 | .200 | .164 | .133 | .137                                        | .113 | .093 | .079 | .066 | .054 | .025 | .021 | .018 |   |  |
| 3.0  | .226                  | .173 | .131 | .194 | .149 | .113 | .133                                        | .104 | .079 | .077 | .061 | .047 | .025 | .020 | .015 |   |  |
| 4.0  | .219                  | .160 | .115 | .188 | .138 | .100 | .129                                        | .096 | .071 | .075 | .056 | .042 | .024 | .018 | .014 |   |  |
| 5.0  | .211                  | .150 | .105 | .181 | .130 | .091 | .125                                        | .091 | .064 | .072 | .053 | .038 | .023 | .017 | .013 |   |  |
| 6.0  | .204                  | .142 | .097 | .175 | .123 | .085 | .121                                        | .086 | .060 | .070 | .051 | .036 | .023 | .017 | .012 |   |  |
| 7.0  | .197                  | .135 | .092 | .169 | .117 | .080 | .117                                        | .082 | .057 | .068 | .048 | .034 | .022 | .016 | .011 |   |  |
| 8.0  | .190                  | .129 | .088 | .164 | .112 | .076 | .113                                        | .079 | .054 | .066 | .046 | .032 | .021 | .015 | .011 |   |  |
| 9.0  | .184                  | .125 | .084 | .158 | .108 | .074 | .110                                        | .076 | .052 | .064 | .045 | .031 | .021 | .015 | .010 |   |  |
| 10.0 | .178                  | .120 | .082 | .154 | .104 | .071 | .107                                        | .074 | .051 | .062 | .043 | .030 | .020 | .014 | .010 |   |  |

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:LEIXIAOLAN  
Test Date:2024-09-26

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
Humidity:65.0%  
Test Distance:6.820m [K=1.0000]  
Remarks:

UGR(Unified Glare Rating) Table

|                                                                                                                |                  |      |      |      |                   |                |      |                  |      |      |
|----------------------------------------------------------------------------------------------------------------|------------------|------|------|------|-------------------|----------------|------|------------------|------|------|
| Test:U:-113.00V I:0A P:0W PF:0.0000 Freq:0Hz<br>UTHDi:0.00% ITHDi:0.00% KDisp:24.00      Lamp Flux:1025.9x1 lm |                  |      |      |      |                   |                |      |                  |      |      |
| NAME: 软灯条                                                                                                      |                  |      |      |      | TYPE: 软灯条         |                |      | WEIGHT:          |      |      |
| SPEC.: S012084CC4DE1 Mixed                                                                                     |                  |      |      |      | DIM.: 1000×15×6mm |                |      | SERIAL No.:      |      |      |
| MFR.: iPixel LED                                                                                               |                  |      |      |      | SUR.: 1000X15X6mm |                |      | 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                                                                                                  | 22.1             | 23.6 | 22.5 | 23.9 | 24.3              | 22.5           | 24.0 | 22.9             | 24.4 | 24.7 |
| 3H                                                                                                             | 23.7             | 25.1 | 24.2 | 25.5 | 25.9              | 24.3           | 25.6 | 24.7             | 26.0 | 26.4 |
| 4H                                                                                                             | 24.5             | 25.8 | 24.9 | 26.2 | 26.6              | 24.9           | 26.2 | 25.4             | 26.6 | 27.0 |
| 6H                                                                                                             | 25.1             | 26.3 | 25.5 | 26.7 | 27.1              | 25.4           | 26.6 | 25.9             | 27.1 | 27.5 |
| 8H                                                                                                             | 25.3             | 26.5 | 25.8 | 26.9 | 27.4              | 25.6           | 26.7 | 26.0             | 27.2 | 27.6 |
| 12H                                                                                                            | 25.5             | 26.7 | 26.0 | 27.1 | 27.6              | 25.6           | 26.8 | 26.1             | 27.2 | 27.7 |
| 4H 2H                                                                                                          | 22.7             | 24.0 | 23.2 | 24.4 | 24.9              | 23.1           | 24.4 | 23.5             | 24.8 | 25.2 |
| 3H                                                                                                             | 24.6             | 25.7 | 25.1 | 26.2 | 26.6              | 25.0           | 26.1 | 25.4             | 26.5 | 27.0 |
| 4H                                                                                                             | 25.5             | 26.5 | 25.9 | 27.0 | 27.5              | 25.8           | 26.8 | 26.3             | 27.3 | 27.8 |
| 6H                                                                                                             | 26.2             | 27.1 | 26.7 | 27.6 | 28.2              | 26.4           | 27.3 | 26.9             | 27.8 | 28.3 |
| 8H                                                                                                             | 26.5             | 27.4 | 27.1 | 27.9 | 28.5              | 26.6           | 27.5 | 27.1             | 28.0 | 28.5 |
| 12H                                                                                                            | 26.8             | 27.6 | 27.4 | 28.2 | 28.7              | 26.7           | 27.5 | 27.3             | 28.1 | 28.6 |
| 8H 4H                                                                                                          | 25.8             | 26.6 | 26.3 | 27.1 | 27.7              | 26.0           | 26.9 | 26.6             | 27.4 | 28.0 |
| 6H                                                                                                             | 26.7             | 27.5 | 27.3 | 28.0 | 28.6              | 26.8           | 27.6 | 27.4             | 28.1 | 28.7 |
| 8H                                                                                                             | 27.2             | 27.8 | 27.8 | 28.4 | 29.0              | 27.1           | 27.8 | 27.7             | 28.3 | 28.9 |
| 12H                                                                                                            | 27.6             | 28.2 | 28.2 | 28.8 | 29.4              | 27.4           | 27.9 | 28.0             | 28.5 | 29.1 |
| 12H 4H                                                                                                         | 25.8             | 26.6 | 26.3 | 27.1 | 27.7              | 26.1           | 26.9 | 26.6             | 27.4 | 28.0 |
| 6H                                                                                                             | 26.8             | 27.5 | 27.4 | 28.0 | 28.6              | 26.9           | 27.6 | 27.5             | 28.1 | 28.7 |
| 8H                                                                                                             | 27.3             | 27.9 | 27.9 | 28.5 | 29.1              | 27.3           | 27.8 | 27.9             | 28.4 | 29.0 |
| Variations with the observer position at spacings(CIE Pub.117):                                                |                  |      |      |      |                   |                |      |                  |      |      |
| S = 1.0H                                                                                                       | + 0.1 / - 0.2    |      |      |      |                   | + 0.1 / - 0.1  |      |                  |      |      |
| 1.5H                                                                                                           | + 0.2 / - 0.3    |      |      |      |                   | + 0.2 / - 0.3  |      |                  |      |      |
| 2.0H                                                                                                           | + 0.1 / - 0.3    |      |      |      |                   | + 0.2 / - 0.3  |      |                  |      |      |

CIE Pub.117, 1026 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.1)  
Area: 0.025 m2

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:LEIXIAOLAN  
Test Date:2024-09-26

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
Humidity:65.0%  
Test Distance:6.820m [K=1.0000]  
Remarks:

## UTILIZATION FACTORS TABLE

|                                              |  |                   |                       |                  |  |
|----------------------------------------------|--|-------------------|-----------------------|------------------|--|
| Test:U:-113.00V I:0A P:0W PF:0.0000 Freq:0Hz |  |                   | Lamp Flux:1025.9x1 lm |                  |  |
| UTHDi:0.00% ITHDi:0.00% KDisp:24.00          |  |                   |                       |                  |  |
| NAME: 软灯条                                    |  | TYPE: 软灯条         |                       | WEIGHT:          |  |
| SPEC.: S012084CC4DE1 Mixed                   |  | DIM.: 1000×15×6mm |                       | SERIAL No.:      |  |
| MFR.: iPixel LED                             |  | SUR.: 1000X15X6mm |                       | Shielding Angle: |  |

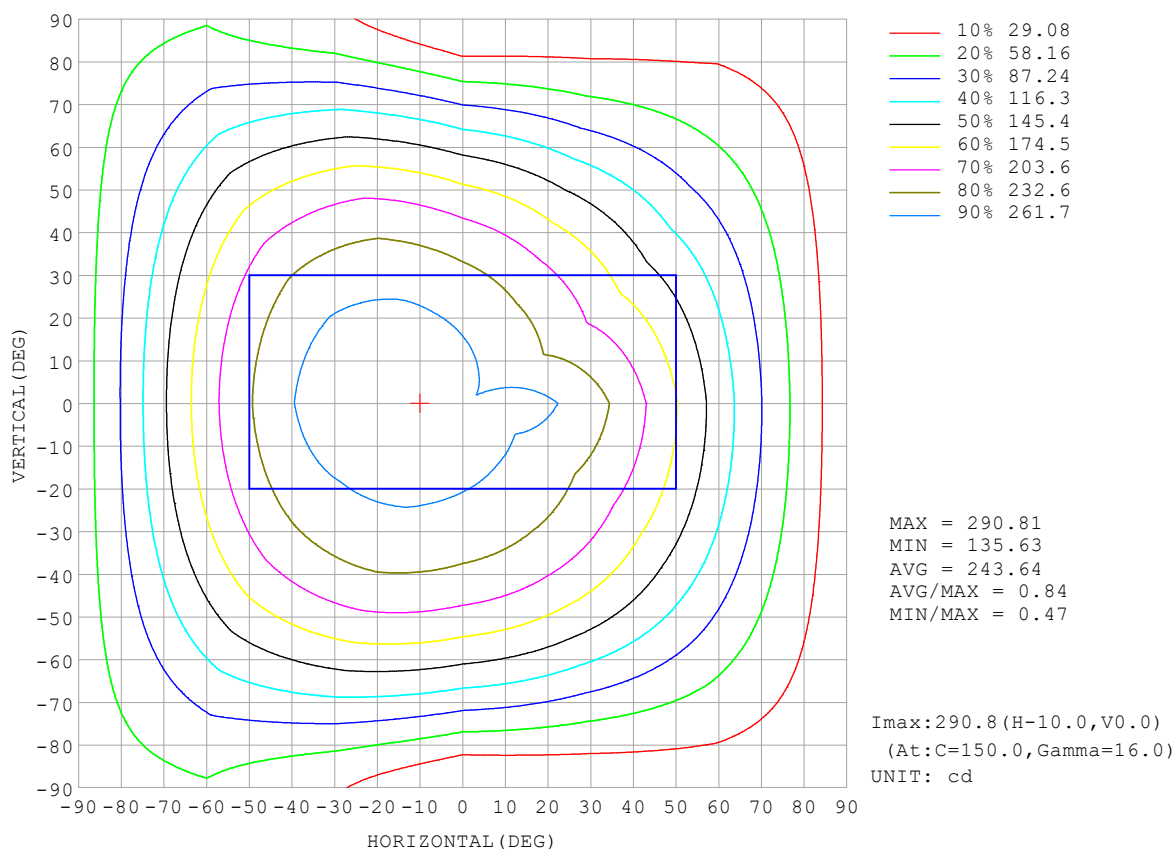
| REFLECTANCE                      |                                                      |     |           |     |     |     |     |               |     |        |
|----------------------------------|------------------------------------------------------|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| 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) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |               |     |        |
| $k = 0.60$                       | 52                                                   | 40  | 33        | 51  | 40  | 33  | 50  | 39            | 32  | 26     |
| 0.80                             | 62                                                   | 50  | 42        | 61  | 49  | 42  | 58  | 48            | 41  | 33     |
| 1.00                             | 70                                                   | 58  | 50        | 69  | 57  | 50  | 66  | 58            | 49  | 41     |
| 1.25                             | 77                                                   | 66  | 58        | 76  | 65  | 57  | 72  | 63            | 56  | 48     |
| 1.50                             | 83                                                   | 71  | 64        | 80  | 70  | 63  | 77  | 68            | 61  | 52     |
| 2.00                             | 90                                                   | 80  | 73        | 87  | 78  | 72  | 83  | 75            | 69  | 60     |
| 2.50                             | 94                                                   | 85  | 78        | 91  | 83  | 77  | 86  | 80            | 74  | 64     |
| 3.00                             | 98                                                   | 90  | 83        | 95  | 88  | 82  | 90  | 84            | 79  | 68     |
| 4.00                             | 102                                                  | 95  | 90        | 99  | 93  | 88  | 93  | 89            | 84  | 73     |
| 5.00                             | 105                                                  | 99  | 94        | 102 | 96  | 92  | 96  | 92            | 88  | 76     |
| 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: 25.3℃  
 Operators: LEIXIAOLAN  
 Test Date: 2024-09-26

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
 Humidity: 65.0%  
 Test Distance: 6.820m [K=1.0000]  
 Remarks:

## ISOCANDELA DIAGRAM

|                                                                                                                |                   |                  |
|----------------------------------------------------------------------------------------------------------------|-------------------|------------------|
| Test:U:-113.00V I:0A P:0W PF:0.0000 Freq:0Hz<br>UTHDi:0.00% ITHDi:0.00% KDisp:24.00      Lamp Flux:1025.9x1 lm |                   |                  |
| NAME: 软灯条                                                                                                      | TYPE: 软灯条         | WEIGHT:          |
| SPEC.: S012084CC4DE1 Mixed                                                                                     | DIM.: 1000×15×6mm | SERIAL No.:      |
| MFR.: iPixel LED                                                                                               | SUR.: 1000X15X6mm | Shielding Angle: |

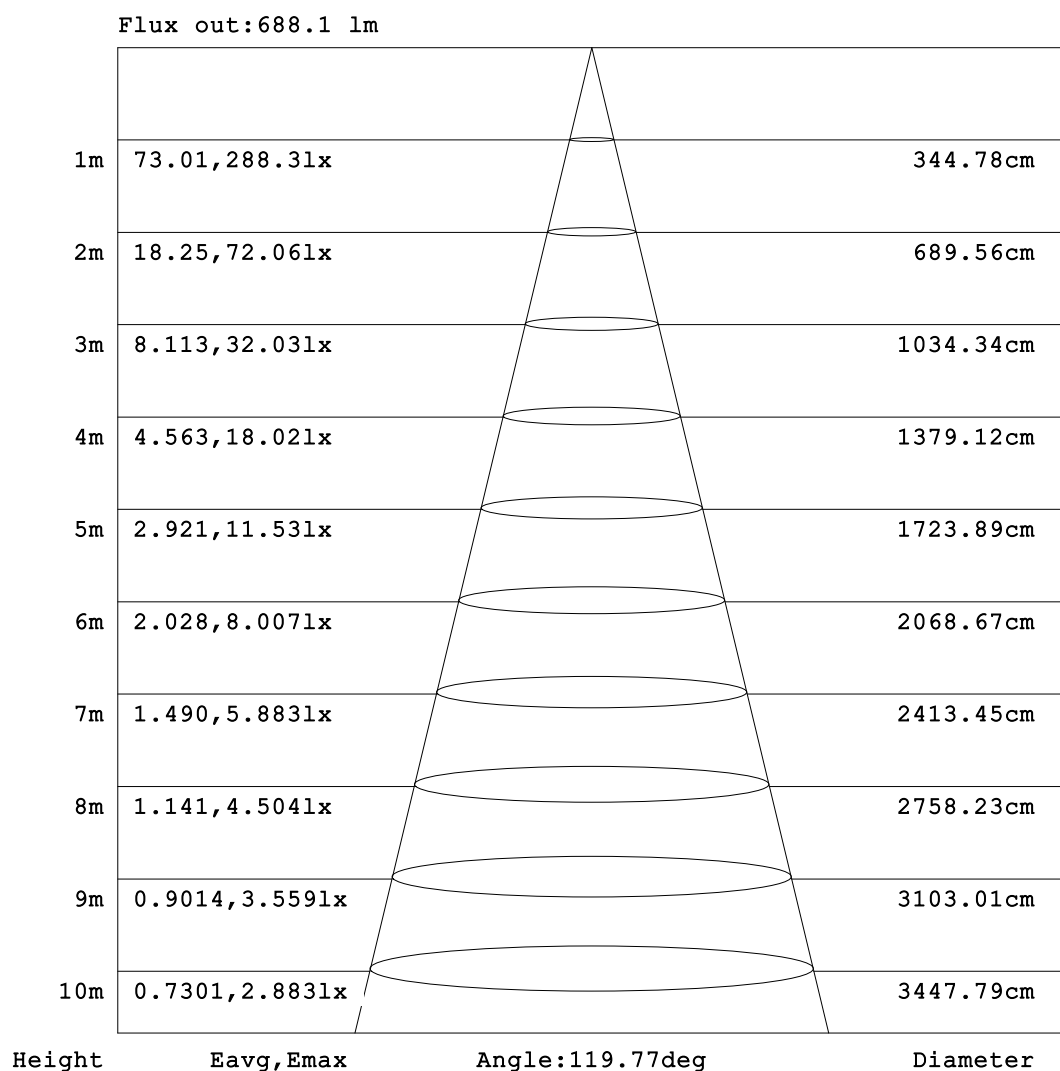


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:LEIXIAOLAN  
Test Date:2024-09-26

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
Humidity:65.0%  
Test Distance:6.820m [K=1.0000]  
Remarks:

## AAI Figure

|                                                                                                                |                   |                  |
|----------------------------------------------------------------------------------------------------------------|-------------------|------------------|
| Test:U:-113.00V I:0A P:0W PF:0.0000 Freq:0Hz<br>UTHDi:0.00% ITHDi:0.00% KDisp:24.00      Lamp Flux:1025.9x1 lm |                   |                  |
| NAME: 软灯条                                                                                                      | TYPE: 软灯条         | WEIGHT:          |
| SPEC.: S012084CC4DE1 Mixed                                                                                     | DIM.: 1000×15×6mm | SERIAL No.:      |
| MFR.: iPixel LED                                                                                               | SUR.: 1000X15X6mm | Shielding Angle: |



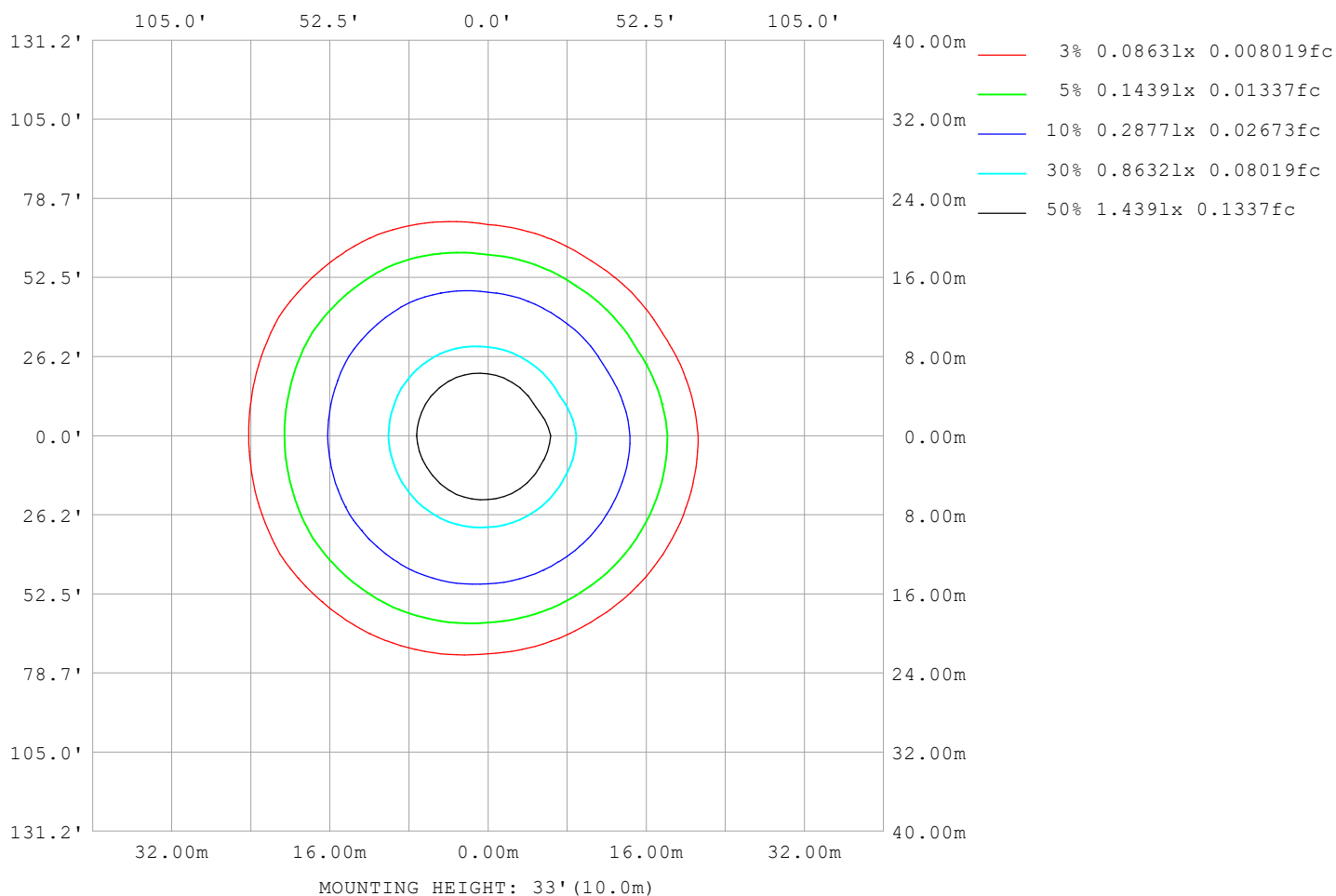
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3℃  
Operators: LEIXIAOLAN  
Test Date: 2024-09-26

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
Humidity: 65.0%  
Test Distance: 6.820m [K=1.0000]  
Remarks:

## ISOLUX DIAGRAM

|                                                                                                           |                   |                  |
|-----------------------------------------------------------------------------------------------------------|-------------------|------------------|
| Test:U:-113.00V I:0A P:0W PF:0.0000 Freq:0Hz<br>UTHDi:0.00% ITHDi:0.00% KDisp:24.00 Lamp Flux:1025.9x1 lm |                   |                  |
| NAME: 软灯条                                                                                                 | TYPE: 软灯条         | WEIGHT:          |
| SPEC.: S012084CC4DE1 Mixed                                                                                | DIM.: 1000×15×6mm | SERIAL No.:      |
| MFR.: iPixel LED                                                                                          | SUR.: 1000X15X6mm | Shielding Angle: |



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3℃  
Operators: LEIXIAOLAN  
Test Date: 2024-09-26

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
Humidity: 65.0%  
Test Distance: 6.820m [K=1.0000]  
Remarks:

## LED Avg.L Report

|                                                                                                           |                   |                  |
|-----------------------------------------------------------------------------------------------------------|-------------------|------------------|
| Test:U:-113.00V I:0A P:0W PF:0.0000 Freq:0Hz<br>UTHDi:0.00% ITHDi:0.00% KDisp:24.00 Lamp Flux:1025.9x1 lm |                   |                  |
| NAME: 软灯条                                                                                                 | TYPE: 软灯条         | WEIGHT:          |
| SPEC.: S012084CC4DE1 Mixed                                                                                | DIM.: 1000×15×6mm | SERIAL No.:      |
| MFR.: iPixel LED                                                                                          | SUR.: 1000X15X6mm | Shielding Angle: |

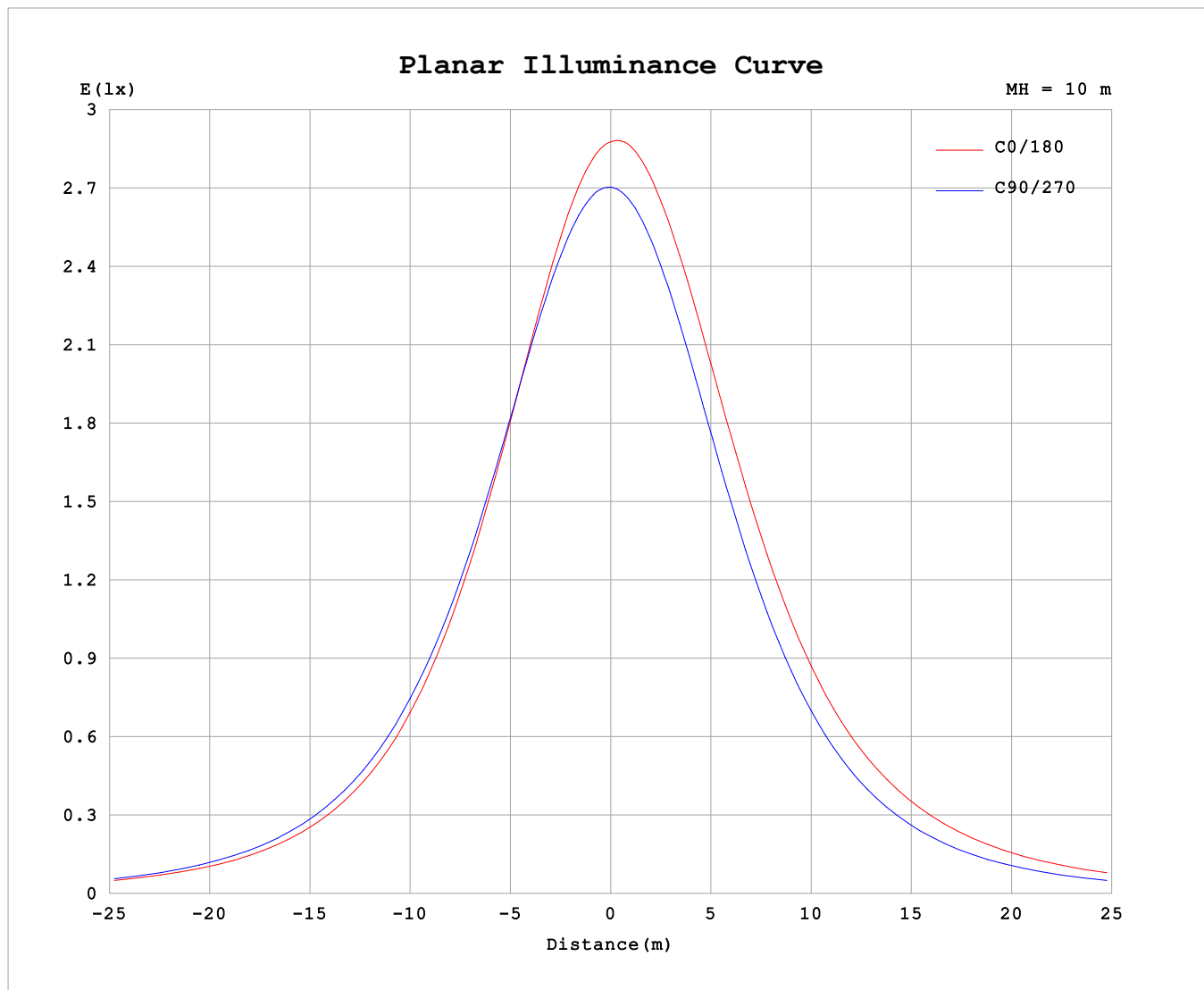
| AvgL             | cd/m2 |
|------------------|-------|
| L_0~180 (65) av  | 12501 |
| L_0~180 (75) av  | 13267 |
| L_0~180 (85) av  | 19768 |
| L_90~270 (65) av | 11359 |
| L_90~270 (75) av | 10104 |
| L_90~270 (85) av | 7332  |
| L_45 (65) av     | 12750 |
| L_45 (75) av     | 13559 |
| L_45 (85) av     | 20275 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:LEIXIAOLAN  
Test Date:2024-09-26

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
Humidity:65.0%  
Test Distance:6.820m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: LEIXIAOLAN  
Test Date: 2024-09-26

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
Humidity: 65.0%  
Test Distance: 6.820m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|                                              |  |                   |                       |                  |  |
|----------------------------------------------|--|-------------------|-----------------------|------------------|--|
| Test:U:-113.00V I:0A P:0W PF:0.0000 Freq:0Hz |  |                   | Lamp Flux:1025.9x1 lm |                  |  |
| UTHDi:0.00% ITHDi:0.00% KDisp:24.00          |  |                   |                       |                  |  |
| NAME: 软灯条                                    |  | TYPE: 软灯条         |                       | WEIGHT:          |  |
| SPEC.: S012084CC4DE1 Mixed                   |  | DIM.: 1000×15×6mm |                       | SERIAL No.:      |  |
| MFR.: iPixel LED                             |  | SUR.: 1000X15X6mm |                       | Shielding Angle: |  |

Table--1

UNIT: cd

| C (DEG)<br>γ (DEG) | 0    | 30   | 60   | 90   | 120  | 150   | 180  | 210  | 240  | 270  | 300  | 330  |  |  |  |  |  |  |  |
|--------------------|------|------|------|------|------|-------|------|------|------|------|------|------|--|--|--|--|--|--|--|
| 0                  | 273  | 273  | 273  | 273  | 273  | 273   | 273  | 273  | 273  | 273  | 273  | 273  |  |  |  |  |  |  |  |
| 5                  | 270  | 270  | 271  | 273  | 275  | 277   | 275  | 276  | 274  | 272  | 270  | 268  |  |  |  |  |  |  |  |
| 10                 | 266  | 265  | 268  | 272  | 276  | 279   | 276  | 277  | 274  | 269  | 265  | 262  |  |  |  |  |  |  |  |
| 15                 | 260  | 258  | 264  | 269  | 276  | 281   | 276  | 277  | 272  | 265  | 258  | 254  |  |  |  |  |  |  |  |
| 20                 | 252  | 251  | 258  | 265  | 273  | 280   | 274  | 276  | 269  | 259  | 250  | 244  |  |  |  |  |  |  |  |
| 25                 | 243  | 242  | 250  | 259  | 270  | 278   | 271  | 274  | 265  | 252  | 241  | 233  |  |  |  |  |  |  |  |
| 30                 | 232  | 232  | 241  | 251  | 264  | 274   | 265  | 269  | 258  | 242  | 229  | 221  |  |  |  |  |  |  |  |
| 35                 | 219  | 221  | 230  | 241  | 257  | 268   | 257  | 262  | 250  | 230  | 216  | 208  |  |  |  |  |  |  |  |
| 40                 | 204  | 207  | 217  | 228  | 247  | 259   | 247  | 253  | 239  | 216  | 200  | 193  |  |  |  |  |  |  |  |
| 45                 | 186  | 191  | 201  | 214  | 234  | 246   | 234  | 241  | 226  | 200  | 183  | 176  |  |  |  |  |  |  |  |
| 50                 | 167  | 173  | 183  | 195  | 218  | 231   | 219  | 226  | 211  | 181  | 164  | 158  |  |  |  |  |  |  |  |
| 55                 | 147  | 154  | 162  | 175  | 199  | 214   | 201  | 209  | 193  | 161  | 144  | 140  |  |  |  |  |  |  |  |
| 60                 | 126  | 133  | 140  | 152  | 177  | 194   | 181  | 190  | 172  | 138  | 123  | 120  |  |  |  |  |  |  |  |
| 65                 | 105  | 112  | 116  | 127  | 153  | 172   | 159  | 168  | 149  | 113  | 101  | 101  |  |  |  |  |  |  |  |
| 70                 | 83.3 | 89.3 | 90.9 | 99.1 | 127  | 148   | 135  | 144  | 124  | 87.3 | 78.1 | 81.3 |  |  |  |  |  |  |  |
| 75                 | 62.0 | 67.4 | 65.6 | 70.3 | 99.9 | 122   | 110  | 119  | 98.0 | 60.5 | 56.4 | 62.1 |  |  |  |  |  |  |  |
| 80                 | 42.2 | 46.5 | 42.0 | 41.5 | 72.6 | 96.5  | 84.0 | 94.5 | 72.4 | 35.1 | 36.5 | 43.6 |  |  |  |  |  |  |  |
| 85                 | 25.4 | 27.9 | 22.2 | 17.2 | 48.2 | 73.6  | 60.8 | 72.1 | 49.2 | 14.7 | 17.8 | 29.3 |  |  |  |  |  |  |  |
| 90                 | 14.6 | 16.3 | 11.0 | 3.90 | 32.5 | 57.4  | 43.2 | 55.9 | 33.7 | 4.94 | 11.5 | 21.3 |  |  |  |  |  |  |  |
| 95                 | 13.6 | 14.9 | 7.98 | 1.94 | 25.3 | 49.7  | 34.6 | 47.5 | 25.9 | 4.91 | 9.41 | 19.5 |  |  |  |  |  |  |  |
| 100                | 14.4 | 12.5 | 7.74 | 2.24 | 17.3 | 41.8  | 26.8 | 38.8 | 17.8 | 4.87 | 8.95 | 16.8 |  |  |  |  |  |  |  |
| 105                | 15.7 | 11.9 | 6.91 | 2.68 | 12.1 | 33.6  | 19.5 | 30.2 | 12.6 | 4.82 | 8.94 | 16.3 |  |  |  |  |  |  |  |
| 110                | 17.4 | 13.8 | 7.00 | 3.18 | 9.11 | 26.7  | 14.2 | 23.5 | 9.85 | 4.72 | 8.47 | 17.3 |  |  |  |  |  |  |  |
| 115                | 19.3 | 8.99 | 7.42 | 3.17 | 7.16 | 20.9  | 9.58 | 18.1 | 8.18 | 4.56 | 8.21 | 17.4 |  |  |  |  |  |  |  |
| 120                | 20.3 | 15.5 | 8.32 | 3.35 | 5.69 | 16.7  | 6.30 | 14.2 | 6.96 | 4.42 | 5.18 | 18.1 |  |  |  |  |  |  |  |
| 125                | 19.9 | 18.8 | 11.6 | 3.18 | 4.74 | 13.1  | 4.78 | 11.3 | 6.05 | 4.29 | 5.42 | 20.3 |  |  |  |  |  |  |  |
| 130                | 21.3 | 17.7 | 14.3 | 3.34 | 4.27 | 10.29 | 4.14 | 8.94 | 5.35 | 4.17 | 4.07 | 14.1 |  |  |  |  |  |  |  |
| 135                | 24.7 | 21.7 | 15.2 | 3.52 | 4.23 | 7.92  | 3.93 | 7.08 | 4.55 | 4.15 | 3.68 | 10.5 |  |  |  |  |  |  |  |
| 140                | 24.5 | 26.3 | 14.8 | 3.72 | 4.12 | 6.19  | 4.03 | 5.61 | 4.34 | 4.12 | 3.78 | 7.21 |  |  |  |  |  |  |  |
| 145                | 27.3 | 27.1 | 12.8 | 4.05 | 4.19 | 4.97  | 4.15 | 4.16 | 4.17 | 4.10 | 3.91 | 4.26 |  |  |  |  |  |  |  |
| 150                | 25.7 | 23.1 | 10.4 | 4.22 | 4.29 | 4.53  | 4.25 | 3.86 | 4.01 | 4.10 | 4.06 | 4.06 |  |  |  |  |  |  |  |
| 155                | 21.0 | 16.9 | 8.76 | 4.35 | 4.38 | 4.60  | 4.38 | 3.81 | 4.03 | 4.11 | 5.32 | 4.20 |  |  |  |  |  |  |  |
| 160                | 13.7 | 11.8 | 7.17 | 4.43 | 4.48 | 4.67  | 4.45 | 3.97 | 4.15 | 4.23 | 6.93 | 4.30 |  |  |  |  |  |  |  |
| 165                | 9.29 | 8.55 | 5.94 | 4.50 | 4.54 | 4.73  | 4.28 | 4.13 | 4.28 | 4.34 | 5.86 | 4.42 |  |  |  |  |  |  |  |
| 170                | 6.58 | 6.30 | 5.25 | 4.55 | 4.54 | 4.75  | 4.31 | 4.30 | 4.41 | 4.44 | 5.19 | 6.22 |  |  |  |  |  |  |  |
| 175                | 4.93 | 4.96 | 4.77 | 4.58 | 4.54 | 4.71  | 4.45 | 4.44 | 4.53 | 4.52 | 4.73 | 5.07 |  |  |  |  |  |  |  |
| 180                | 4.50 | 4.61 | 4.60 | 4.60 | 4.55 | 4.60  | 4.52 | 4.55 | 4.59 | 4.57 | 4.59 | 4.60 |  |  |  |  |  |  |  |

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:LEIXIAOLAN  
Test Date:2024-09-26

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
Humidity:65.0%  
Test Distance:6.820m [K=1.0000]  
Remarks: