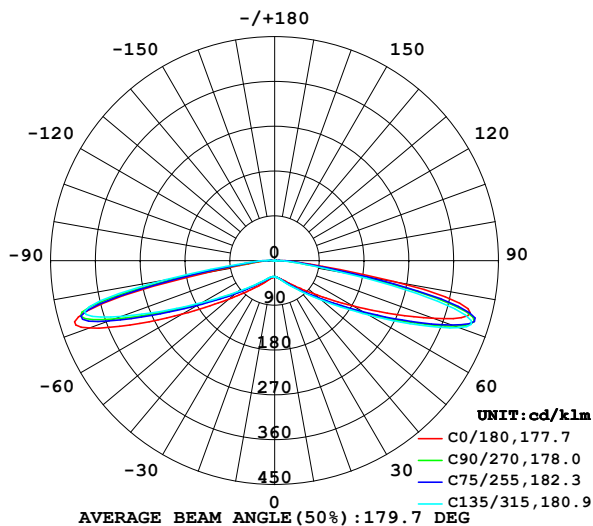


## LUMINAIRE PHOTOMETRIC TEST REPORT

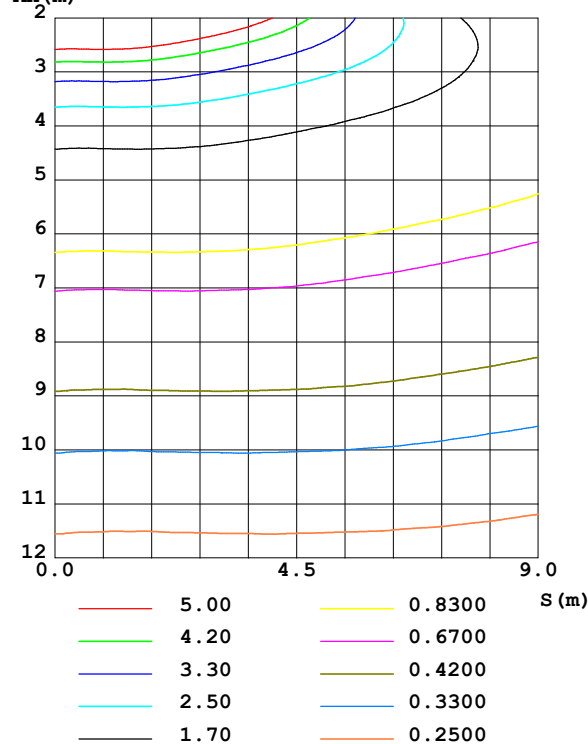
|                   |       |                  |
|-------------------|-------|------------------|
| NAME:             | TYPE: | WEIGHT:          |
| SPEC.:            | DIM.: | SERIAL No.:      |
| MFR.: 广东省赛凌科技有限公司 | SUR.: | Shielding Angle: |

| DATA OF LAMP     |             | PHOTOMETRIC DATA          |        |                    |          | Eff: 140.71 lm/W |
|------------------|-------------|---------------------------|--------|--------------------|----------|------------------|
| MODEL            | USW619F-F01 | I <sub>max</sub> (cd/klm) | 420.6  | S/MH (C0/180)      | 5.00     |                  |
| NOMINAL POWER(W) | 1.992       | LOR (%)                   | 100.0  | S/MH (C90/270)     | 4.85     |                  |
| RATED VOLTAGE(V) | 24          | TOTAL FLUX(lm/klm)        | 1000.0 | η UP,DN (C0-180)   | 0.6,50.7 |                  |
| NOMINAL FLUX(lm) | 280.297     | CIE CLASS                 | DIRECT | η UP,DN (C180-360) | 0.6,48.1 |                  |
| LAMPS INSIDE     | 1           | η up (%)                  | 1.2    | CIBSE SHR NOM      | 2.00     |                  |
| TEST VOLTAGE(V)  | 23.999      | η down (%)                | 98.8   | CIBSE SHR MAX      | 2.00     |                  |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT: lx/klm)



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: 苏凌杰  
Test Date: 2025-04-03

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.471  
Humidity: 65.0%  
Test Distance: 8.150m [K=1.0000]  
Remarks: USW619F-F01

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

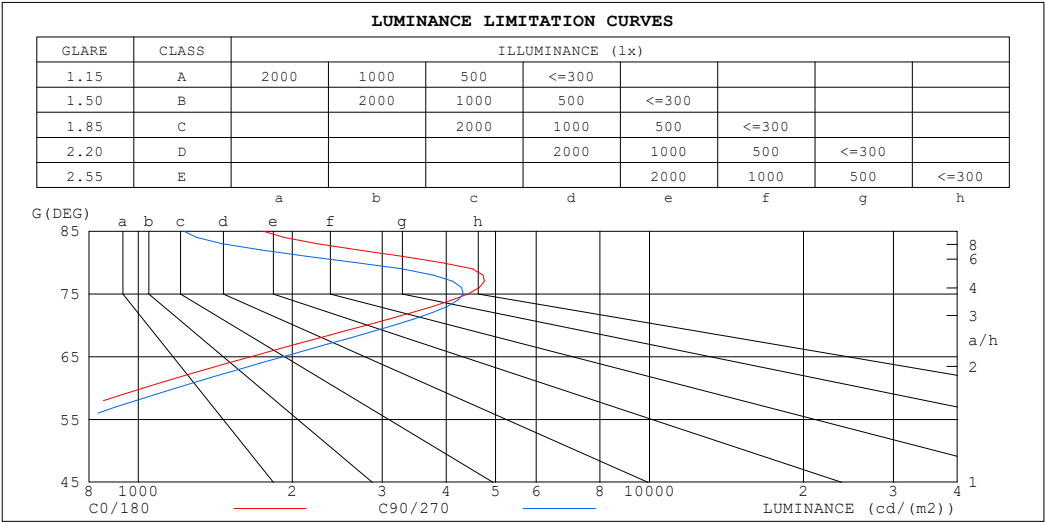
| $\gamma$ | C0                        | C45    | C90    | C135   | C180   | C225   | C270   | C315   | $\gamma$ | $\Phi$ zone | $\Phi$ total | %lum, lamp |
|----------|---------------------------|--------|--------|--------|--------|--------|--------|--------|----------|-------------|--------------|------------|
| 10       | 34.74                     | 34.83  | 35.09  | 35.15  | 35.72  | 34.24  | 33.45  | 33.29  | 0- 10    | 3.203       | 3.203        | 0.32,0.32  |
| 20       | 40.21                     | 40.87  | 41.81  | 42.29  | 42.70  | 39.96  | 38.25  | 38.03  | 10- 20   | 10.59       | 13.79        | 1.38,1.38  |
| 30       | 50.51                     | 52.40  | 54.54  | 55.73  | 55.84  | 51.60  | 48.54  | 47.85  | 20- 30   | 21.31       | 35.10        | 3.51,3.51  |
| 40       | 68.97                     | 72.58  | 77.47  | 79.02  | 77.74  | 71.31  | 66.62  | 65.19  | 30- 40   | 38.60       | 73.70        | 7.37,7.37  |
| 50       | 104.7                     | 111.1  | 120.4  | 123.9  | 120.7  | 109.9  | 100.5  | 97.94  | 40- 50   | 69.63       | 143.3        | 14.3,14.3  |
| 60       | 181.9                     | 194.1  | 211.1  | 219.8  | 215.7  | 195.4  | 173.9  | 168.9  | 50- 60   | 133.1       | 276.4        | 27.6,27.6  |
| 70       | 339.7                     | 362.7  | 385.0  | 394.7  | 396.6  | 373.8  | 343.3  | 327.6  | 60- 70   | 272.2       | 548.6        | 54.9,54.9  |
| 80       | 243.0                     | 214.6  | 165.2  | 140.8  | 134.8  | 150.0  | 181.2  | 221.5  | 70- 80   | 367.7       | 916.4        | 91.6,91.6  |
| 90       | 16.26                     | 18.31  | 12.21  | 14.41  | 11.64  | 16.02  | 14.48  | 20.71  | 80- 90   | 71.52       | 987.9        | 98.8,98.8  |
| 100      | 0.8584                    | 0.8256 | 0.7919 | 0.8426 | 1.045  | 1.045  | 1.045  | 1.011  | 90-100   | 8.411       | 996.3        | 99.6,99.6  |
| 110      | 0.9435                    | 0.8761 | 0.8593 | 0.8593 | 0.9602 | 1.045  | 1.044  | 1.095  | 100-110  | 1.020       | 997.3        | 99.7,99.7  |
| 120      | 0.9267                    | 0.8930 | 0.8591 | 0.8594 | 0.8085 | 0.8595 | 0.8763 | 0.9098 | 110-120  | 0.9058      | 998.2        | 99.8,99.8  |
| 130      | 0.9604                    | 0.8925 | 0.8761 | 0.8252 | 0.7245 | 0.8256 | 0.8085 | 0.8426 | 120-130  | 0.7749      | 999.0        | 99.9,99.9  |
| 140      | 0.6572                    | 0.5560 | 0.5560 | 0.4547 | 0.4886 | 0.5898 | 0.5720 | 0.6407 | 130-140  | 0.5594      | 999.6        | 100,100    |
| 150      | 0.3709                    | 0.3201 | 0.3204 | 0.2522 | 0.2856 | 0.3537 | 0.3536 | 0.3709 | 140-150  | 0.2685      | 999.8        | 100,100    |
| 160      | 0.2527                    | 0.1683 | 0.2190 | 0.1514 | 0.1684 | 0.2359 | 0.1851 | 0.2359 | 150-160  | 0.1187      | 999.9        | 100,100    |
| 170      | 0.1853                    | 0.1179 | 0.1685 | 0.1179 | 0.1348 | 0.1516 | 0.1179 | 0.1685 | 160-170  | 0.0483      | 1000.0       | 100,100    |
| 180      | 0.1348                    | 0.1011 | 0.1348 | 0.1179 | 0.1348 | 0.1179 | 0.1179 | 0.1348 | 170-180  | 0.0130      | 1000         | 100,100    |
| DEG      | LUMINOUS INTENSITY:cd/klm |        |        |        |        |        |        |        |          | UNIT:lm/klm |              |            |

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3℃  
 Operators:苏俊杰  
 Test Date:2025-04-03

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 $\gamma$  Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.471  
 Humidity:65.0%  
 Test Distance:8.150m [K=1.0000]  
 Remarks: USW619F-F01

LUMINANCE LIMITATION CURVES

|                   |       |                  |
|-------------------|-------|------------------|
| NAME:             | TYPE: | WEIGHT:          |
| SPEC.:            | DIM.: | SERIAL No.:      |
| MFR.: 广东省赛凌科技有限公司 | SUR.: | Shielding Angle: |



| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G (DEG)           | C0/180 | C90/270 |
| 85                | 1756   | 1229    |
| 80                | 3922   | 2667    |
| 75                | 4406   | 4321    |
| 70                | 2784   | 3155    |
| 65                | 1657   | 1920    |
| 60                | 1020   | 1183    |
| 55                | 664    | 767     |
| 50                | 457    | 525     |
| 45                | 332    | 378     |

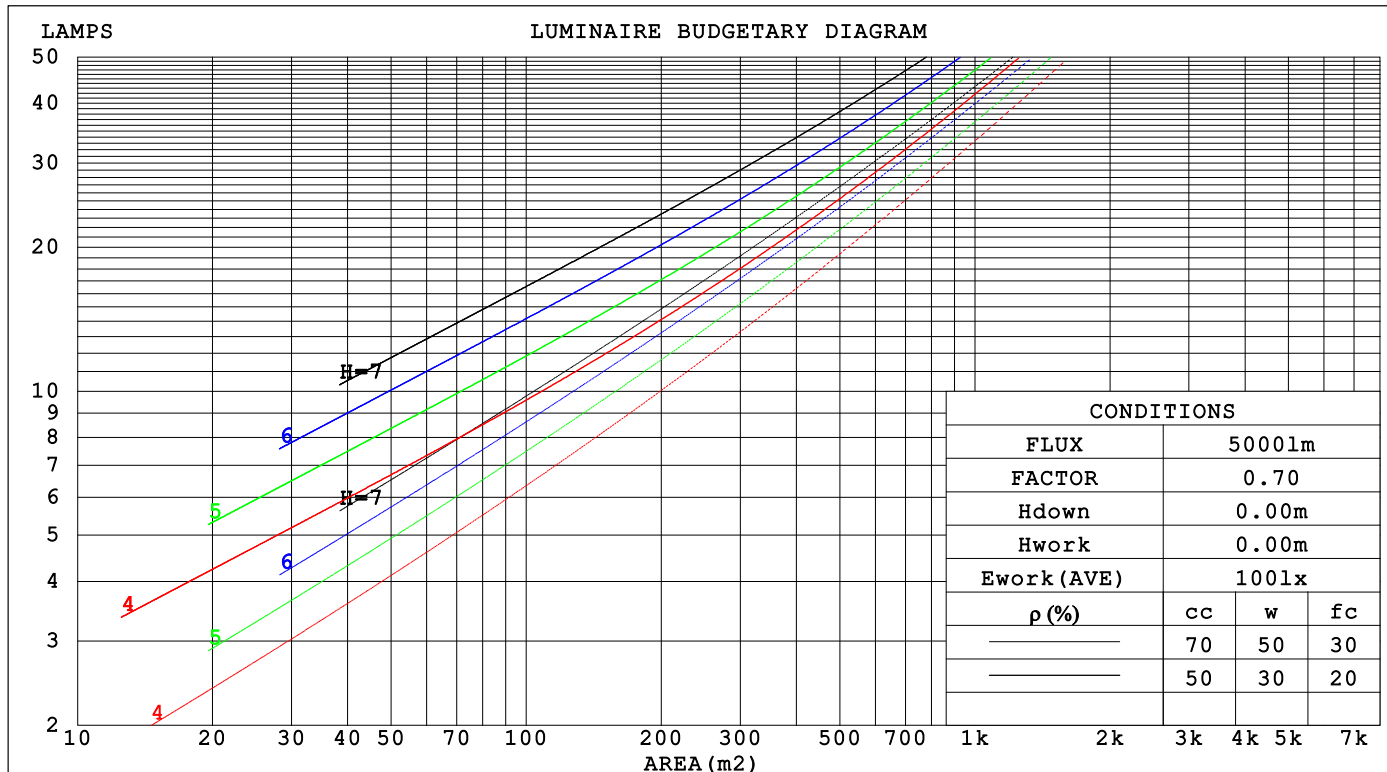
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:苏浚杰  
Test Date:2025-04-03

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.471  
Humidity:65.0%  
Test Distance:8.150m [K=1.0000]  
Remarks: USW619F-F01

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

|                   |       |                  |
|-------------------|-------|------------------|
| NAME:             | TYPE: | WEIGHT:          |
| SPEC.:            | DIM.: | SERIAL No.:      |
| MFR.: 广东省赛凌科技有限公司 | SUR.: | Shielding Angle: |

| $\rho_{cc}$ | 80%                   |      |      | 70%  |      |      | 50%  |      |      | 30%  |      |      | 10%  |      |      | 0   |                                 |  |  |  |  |  |  |  |  |  |  |  |
|-------------|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|---------------------------------|--|--|--|--|--|--|--|--|--|--|--|
| $\rho_w$    | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0   |                                 |  |  |  |  |  |  |  |  |  |  |  |
| $\rho_{fc}$ | 20%                   |      |      | 20%  |      |      | 20%  |      |      | 20%  |      |      | 20%  |      |      | 0   |                                 |  |  |  |  |  |  |  |  |  |  |  |
| RCR         | RCR:Room Cavity Ratio |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     | Coefficients of Utilization(CU) |  |  |  |  |  |  |  |  |  |  |  |
| 0.0         | 1.19                  | 1.19 | 1.19 | 1.16 | 1.16 | 1.16 | 1.10 | 1.10 | 1.10 | 1.05 | 1.05 | 1.05 | 1.01 | 1.01 | 1.01 | .99 |                                 |  |  |  |  |  |  |  |  |  |  |  |
| 1.0         | .91                   | .83  | .76  | .88  | .81  | .75  | .83  | .77  | .72  | .79  | .74  | .69  | .75  | .71  | .67  | .64 |                                 |  |  |  |  |  |  |  |  |  |  |  |
| 2.0         | .70                   | .59  | .49  | .68  | .57  | .48  | .64  | .55  | .47  | .60  | .52  | .45  | .56  | .50  | .44  | .41 |                                 |  |  |  |  |  |  |  |  |  |  |  |
| 3.0         | .56                   | .44  | .34  | .54  | .43  | .33  | .51  | .40  | .32  | .47  | .39  | .31  | .44  | .37  | .30  | .27 |                                 |  |  |  |  |  |  |  |  |  |  |  |
| 4.0         | .47                   | .34  | .24  | .45  | .33  | .24  | .42  | .31  | .23  | .39  | .30  | .23  | .36  | .28  | .22  | .19 |                                 |  |  |  |  |  |  |  |  |  |  |  |
| 5.0         | .40                   | .27  | .18  | .39  | .27  | .18  | .36  | .26  | .18  | .33  | .24  | .17  | .31  | .23  | .17  | .14 |                                 |  |  |  |  |  |  |  |  |  |  |  |
| 6.0         | .35                   | .23  | .14  | .34  | .22  | .14  | .31  | .21  | .14  | .29  | .20  | .13  | .27  | .19  | .13  | .10 |                                 |  |  |  |  |  |  |  |  |  |  |  |
| 7.0         | .31                   | .20  | .12  | .30  | .19  | .12  | .28  | .18  | .11  | .26  | .17  | .11  | .25  | .17  | .11  | .08 |                                 |  |  |  |  |  |  |  |  |  |  |  |
| 8.0         | .28                   | .17  | .10  | .27  | .17  | .10  | .25  | .16  | .09  | .24  | .15  | .09  | .22  | .15  | .09  | .07 |                                 |  |  |  |  |  |  |  |  |  |  |  |
| 9.0         | .25                   | .15  | .08  | .24  | .15  | .08  | .23  | .14  | .08  | .22  | .14  | .08  | .20  | .13  | .08  | .05 |                                 |  |  |  |  |  |  |  |  |  |  |  |
| 10.0        | .23                   | .14  | .07  | .22  | .13  | .07  | .21  | .13  | .07  | .20  | .12  | .07  | .19  | .12  | .07  | .05 |                                 |  |  |  |  |  |  |  |  |  |  |  |



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: 苏浚杰  
Test Date: 2025-04-03

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.471  
Humidity: 65.0%  
Test Distance: 8.150m [K=1.0000]  
Remarks: USW619F-F01

## WEC AND CCEC

|                   |       |                  |
|-------------------|-------|------------------|
| NAME:             | TYPE: | WEIGHT:          |
| SPEC.:            | DIM.: | SERIAL No.:      |
| MFR.: 广东省赛凌科技有限公司 | SUR.: | 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                               |
| pf <sub>c</sub> | 20%                   | 20%            | 20%            | 20%            | 20%            | 0                               |
| RCR             | RCR:Room Cavity Ratio |                |                |                |                | Wall Exitance Coefficients(WEC) |
| 0.0             |                       |                |                |                |                |                                 |
| 1.0             | .556 .316 .100        | .548 .313 .099 | .533 .306 .098 | .519 .299 .096 | .506 .293 .095 |                                 |
| 2.0             | .483 .265 .081        | .476 .262 .081 | .462 .257 .080 | .449 .252 .079 | .437 .247 .078 |                                 |
| 3.0             | .416 .221 .066        | .409 .219 .066 | .396 .215 .065 | .385 .211 .065 | .374 .207 .064 |                                 |
| 4.0             | .361 .188 .055        | .355 .186 .055 | .343 .182 .054 | .333 .179 .054 | .323 .176 .053 |                                 |
| 5.0             | .317 .162 .047        | .312 .160 .047 | .302 .157 .046 | .292 .154 .046 | .284 .152 .046 |                                 |
| 6.0             | .282 .142 .041        | .278 .140 .040 | .269 .138 .040 | .260 .135 .040 | .253 .133 .039 |                                 |
| 7.0             | .254 .126 .036        | .250 .125 .035 | .242 .122 .035 | .235 .120 .035 | .228 .118 .035 |                                 |
| 8.0             | .231 .113 .032        | .227 .112 .032 | .220 .110 .031 | .214 .108 .031 | .207 .106 .031 |                                 |
| 9.0             | .212 .102 .029        | .208 .101 .028 | .202 .100 .028 | .196 .098 .028 | .190 .097 .028 |                                 |
| 10.0            | .195 .094 .026        | .192 .093 .026 | .187 .091 .026 | .181 .090 .026 | .176 .089 .025 |                                 |

|                 |                       |                |                |                |                |                                            |
|-----------------|-----------------------|----------------|----------------|----------------|----------------|--------------------------------------------|
| pcc             | 80%                   | 70%            | 50%            | 30%            | 10%            | 0                                          |
| pw              | 50% 30% 10%           | 50% 30% 10%    | 50% 30% 10%    | 50% 30% 10%    | 50% 30% 10%    | 0                                          |
| pf <sub>c</sub> | 20%                   | 20%            | 20%            | 20%            | 20%            | 0                                          |
| RCR             | RCR:Room Cavity Ratio |                |                |                |                | Ceiling Cavity Exitance Coefficients(CCEC) |
| 0.0             | .200 .200 .200        | .171 .171 .171 | .116 .116 .116 | .067 .067 .067 | .021 .021 .021 |                                            |
| 1.0             | .207 .163 .124        | .177 .140 .107 | .121 .096 .074 | .070 .056 .043 | .022 .018 .014 |                                            |
| 2.0             | .207 .140 .084        | .177 .121 .073 | .122 .084 .051 | .070 .049 .030 | .022 .016 .010 |                                            |
| 3.0             | .202 .125 .063        | .173 .108 .055 | .119 .075 .038 | .069 .044 .023 | .022 .014 .007 |                                            |
| 4.0             | .194 .113 .051        | .166 .098 .044 | .114 .068 .031 | .066 .040 .019 | .021 .013 .006 |                                            |
| 5.0             | .185 .104 .044        | .158 .090 .038 | .109 .063 .027 | .063 .037 .016 | .020 .012 .005 |                                            |
| 6.0             | .175 .096 .039        | .150 .083 .034 | .104 .058 .024 | .060 .034 .014 | .019 .011 .005 |                                            |
| 7.0             | .166 .089 .035        | .143 .077 .031 | .099 .054 .022 | .057 .032 .013 | .019 .010 .004 |                                            |
| 8.0             | .157 .083 .032        | .135 .072 .028 | .094 .051 .020 | .054 .030 .012 | .018 .010 .004 |                                            |
| 9.0             | .149 .078 .030        | .128 .068 .026 | .089 .048 .019 | .052 .028 .011 | .017 .009 .004 |                                            |
| 10.0            | .142 .074 .029        | .122 .064 .025 | .085 .045 .018 | .049 .027 .011 | .016 .009 .004 |                                            |

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:苏俊杰  
Test Date:2025-04-03

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.471  
Humidity:65.0%  
Test Distance:8.150m [K=1.0000]  
Remarks: USW619F-F01

### UGR(Unified Glare Rating) Table

| NAME:                                                           |     |                  |      |      | TYPE: |      |                | WEIGHT:          |      |      |      |
|-----------------------------------------------------------------|-----|------------------|------|------|-------|------|----------------|------------------|------|------|------|
| SPEC.:                                                          |     |                  |      |      | DIM.: |      |                | SERIAL No.:      |      |      |      |
| MFR.: 广东省赛凌科技有限公司                                               |     |                  |      |      | SUR.: |      |                | Shielding Angle: |      |      |      |
| ceiling/cavity                                                  | 0.7 | 0.7              | 0.5  | 0.5  | 0.3   | 0.7  | 0.7            | 0.5              | 0.5  | 0.3  |      |
| walls                                                           | 0.5 | 0.3              | 0.5  | 0.3  | 0.3   | 0.5  | 0.3            | 0.5              | 0.3  | 0.3  |      |
| working plane                                                   | 0.2 | 0.2              | 0.2  | 0.2  | 0.2   | 0.2  | 0.2            | 0.2              | 0.2  | 0.2  |      |
| Room dimensions                                                 |     | Viewed crosswise |      |      |       |      | Viewed endwise |                  |      |      |      |
| x = 2H y = 2H                                                   | 2H  | 17.1             | 19.2 | 17.4 | 19.4  | 19.7 | 17.8           | 19.8             | 18.1 | 20.1 | 20.4 |
|                                                                 | 3H  | 23.4             | 25.4 | 23.8 | 25.7  | 26.0 | 24.1           | 26.1             | 24.5 | 26.4 | 26.7 |
|                                                                 | 4H  | 26.6             | 28.5 | 27.0 | 28.8  | 29.2 | 26.9           | 28.9             | 27.3 | 29.2 | 29.5 |
|                                                                 | 6H  | 28.5             | 30.3 | 28.8 | 30.6  | 31.0 | 28.1           | 30.0             | 28.5 | 30.3 | 30.7 |
|                                                                 | 8H  | 28.7             | 30.4 | 29.0 | 30.8  | 31.2 | 28.2           | 30.0             | 28.6 | 30.3 | 30.7 |
|                                                                 | 12H | 28.7             | 30.4 | 29.1 | 30.8  | 31.2 | 28.2           | 29.9             | 28.6 | 30.3 | 30.7 |
| 4H                                                              | 2H  | 19.4             | 21.3 | 19.7 | 21.6  | 21.9 | 19.7           | 21.6             | 20.1 | 22.0 | 22.3 |
|                                                                 | 3H  | 25.2             | 27.0 | 25.7 | 27.3  | 27.7 | 25.7           | 27.5             | 26.1 | 27.8 | 28.2 |
|                                                                 | 4H  | 28.3             | 29.9 | 28.7 | 30.3  | 30.7 | 28.5           | 30.1             | 28.9 | 30.5 | 30.9 |
|                                                                 | 6H  | 30.0             | 31.5 | 30.5 | 31.9  | 32.4 | 29.7           | 31.2             | 30.2 | 31.6 | 32.0 |
|                                                                 | 8H  | 30.3             | 31.7 | 30.7 | 32.1  | 32.5 | 29.8           | 31.2             | 30.3 | 31.6 | 32.1 |
|                                                                 | 12H | 30.3             | 31.6 | 30.8 | 32.1  | 32.5 | 29.8           | 31.1             | 30.3 | 31.6 | 32.0 |
| 8H                                                              | 4H  | 29.1             | 30.6 | 29.6 | 31.0  | 31.4 | 29.3           | 30.7             | 29.8 | 31.1 | 31.6 |
|                                                                 | 6H  | 30.9             | 32.1 | 31.4 | 32.5  | 33.0 | 30.6           | 31.8             | 31.0 | 32.2 | 32.7 |
|                                                                 | 8H  | 31.1             | 32.2 | 31.6 | 32.7  | 33.2 | 30.7           | 31.8             | 31.2 | 32.3 | 32.8 |
|                                                                 | 12H | 31.3             | 32.2 | 31.8 | 32.7  | 33.2 | 30.8           | 31.8             | 31.3 | 32.2 | 32.8 |
| 12H                                                             | 4H  | 29.2             | 30.5 | 29.7 | 30.9  | 31.4 | 29.4           | 30.7             | 29.8 | 31.1 | 31.6 |
|                                                                 | 6H  | 30.9             | 32.0 | 31.4 | 32.5  | 33.0 | 30.7           | 31.7             | 31.1 | 32.2 | 32.7 |
|                                                                 | 8H  | 31.2             | 32.2 | 31.8 | 32.7  | 33.2 | 30.8           | 31.8             | 31.4 | 32.3 | 32.8 |
| Variations with the observer position at spacings(CIE Pub.117): |     |                  |      |      |       |      |                |                  |      |      |      |
| S = 1.0H                                                        |     | + 0.1 / - 0.1    |      |      |       |      | + 0.0 / - 0.1  |                  |      |      |      |
| 1.5H                                                            |     | + 0.1 / - 0.1    |      |      |       |      | + 0.1 / - 0.1  |                  |      |      |      |
| 2.0H                                                            |     | + 0.1 / - 0.2    |      |      |       |      | + 0.1 / - 0.2  |                  |      |      |      |

CIE Pub.117, 280.3 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -4.4)  
Area: 0.1 m2

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:苏俊杰  
Test Date:2025-04-03

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.471  
Humidity:65.0%  
Test Distance:8.150m [K=1.0000]  
Remarks: USW619F-F01

### UTILIZATION FACTORS TABLE

|                   |       |                  |
|-------------------|-------|------------------|
| NAME:             | TYPE: | WEIGHT:          |
| SPEC.:            | DIM.: | SERIAL No.:      |
| MFR.: 广东省赛凌科技有限公司 | SUR.: | Shielding Angle: |

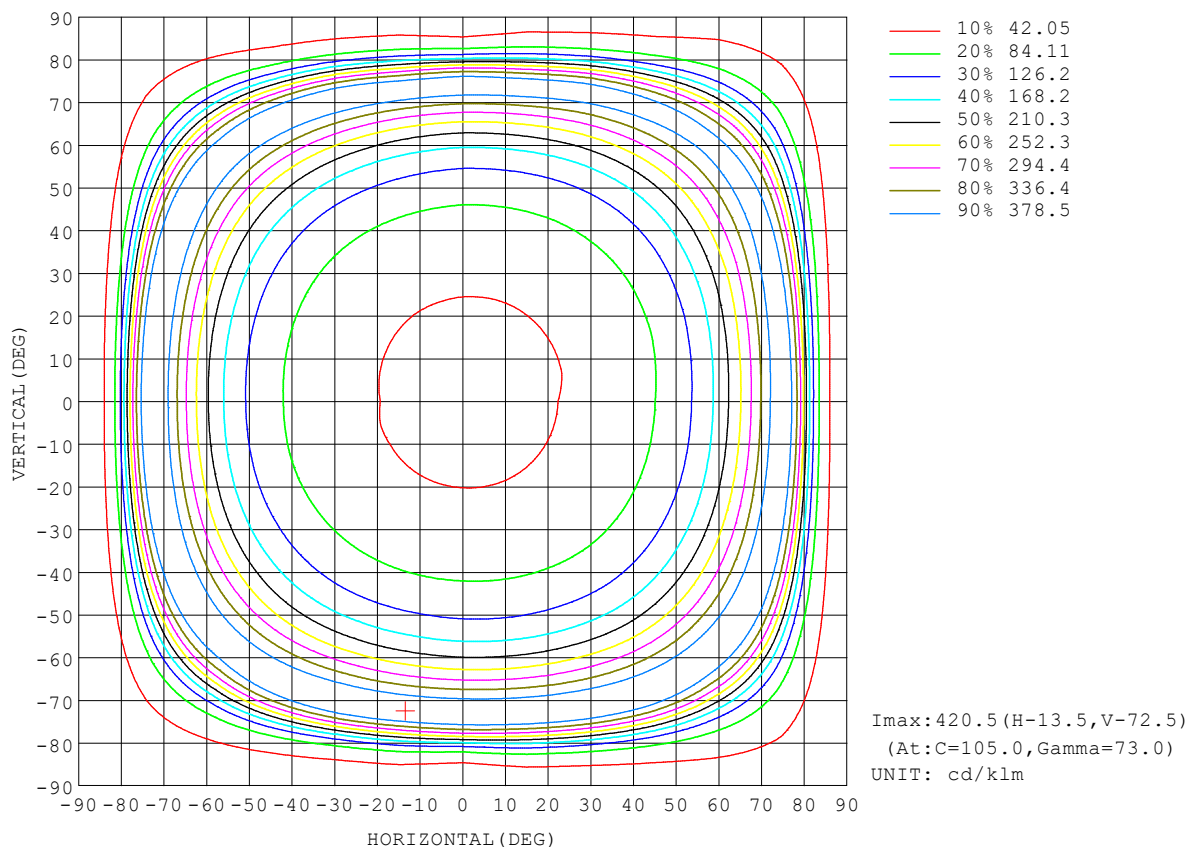
| REFLECTANCE                      |                                                      |     |           |     |     |     |     |               |     |        |
|----------------------------------|------------------------------------------------------|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| 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) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |               |     |        |
| $k = 0.60$                       | 39                                                   | 25  | 16        | 39  | 24  | 16  | 37  | 24            | 15  | 7      |
| 0.80                             | 46                                                   | 30  | 20        | 45  | 30  | 20  | 43  | 29            | 20  | 10     |
| 1.00                             | 53                                                   | 36  | 25        | 51  | 35  | 25  | 48  | 38            | 24  | 14     |
| 1.25                             | 60                                                   | 43  | 32        | 58  | 42  | 31  | 54  | 40            | 30  | 19     |
| 1.50                             | 66                                                   | 49  | 38        | 64  | 48  | 37  | 59  | 46            | 36  | 25     |
| 2.00                             | 75                                                   | 60  | 49        | 73  | 59  | 48  | 68  | 56            | 47  | 35     |
| 2.50                             | 82                                                   | 68  | 58        | 79  | 67  | 57  | 74  | 63            | 55  | 43     |
| 3.00                             | 87                                                   | 75  | 65        | 84  | 73  | 64  | 79  | 70            | 62  | 50     |
| 4.00                             | 94                                                   | 84  | 76        | 91  | 82  | 74  | 86  | 78            | 71  | 60     |
| 5.00                             | 99                                                   | 90  | 83        | 96  | 88  | 81  | 91  | 84            | 78  | 66     |
| ROOM INDEX                       | UF (total)                                           |     |           |     |     |     |     |               |     | Direct |
| According to DIN EN 13032-2 2004 |                                                      |     | Suspended |     |     |     |     | SHRNOM = 1.25 |     |        |

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: 苏浚杰  
Test Date: 2025-04-03

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.471  
Humidity: 65.0%  
Test Distance: 8.150m [K=1.0000]  
Remarks: USW619F-F01

## ISOCANDELA DIAGRAM

|                   |       |                  |
|-------------------|-------|------------------|
| NAME:             | TYPE: | WEIGHT:          |
| SPEC.:            | DIM.: | SERIAL No.:      |
| MFR.: 广东省赛凌科技有限公司 | SUR.: | Shielding Angle: |



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: 苏俊杰  
Test Date: 2025-04-03

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.471  
Humidity: 65.0%  
Test Distance: 8.150m [K=1.0000]  
Remarks: USW619F-F01



### AAI CURVES

|                   |       |                  |
|-------------------|-------|------------------|
| NAME:             | TYPE: | WEIGHT:          |
| SPEC.:            | DIM.: | SERIAL No.:      |
| MFR.: 广东省赛凌科技有限公司 | SUR.: | Shielding Angle: |

|            | 2                                                                     | 4           | 6           | 8           | 10           | lx<br>fc |
|------------|-----------------------------------------------------------------------|-------------|-------------|-------------|--------------|----------|
|            | 0.1858                                                                | 0.3716      | 0.5574      | 0.7432      | 0.929        |          |
| 1<br>3.281 | $\theta = 177.7 \text{ DEG}$<br>$\Phi \text{ out} = 276.3 \text{ lm}$ |             |             |             |              |          |
| 3<br>9.843 |                                                                       |             |             |             |              |          |
| 5<br>16.4  |                                                                       |             |             |             |              |          |
| 7<br>22.97 |                                                                       |             |             |             |              |          |
| 9<br>29.53 |                                                                       |             |             |             |              |          |
| m<br>ft    | 4<br>13.1234                                                          | 2<br>6.5617 | 0<br>0.0000 | 2<br>6.5617 | 4<br>13.1234 |          |

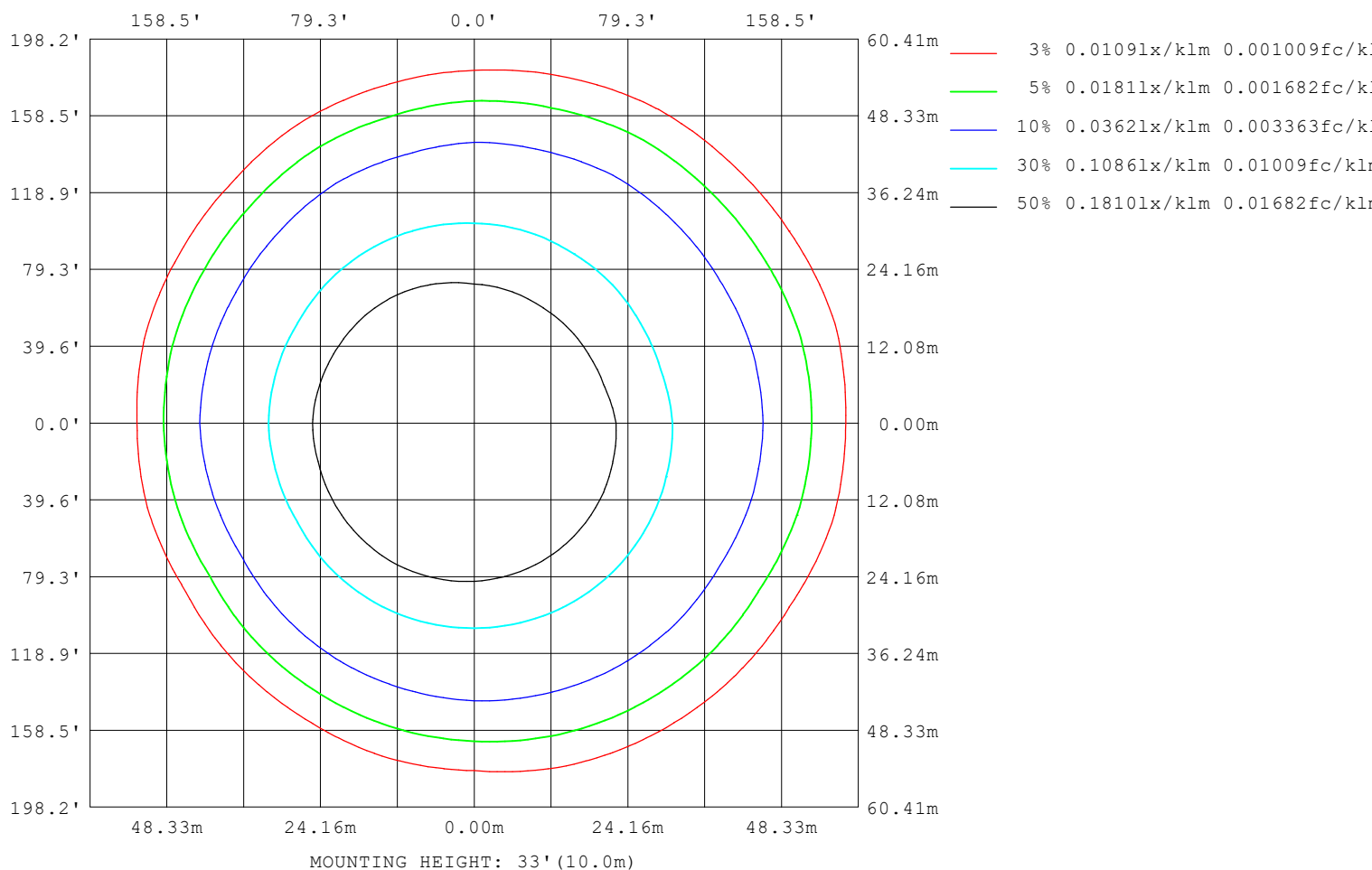
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators: 苏俊杰  
 Test Date: 2025-04-03

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.471  
 Humidity: 65.0%  
 Test Distance: 8.150m [K=1.0000]  
 Remarks: USW619F-F01

## ISOLUX DIAGRAM

|                   |       |                  |
|-------------------|-------|------------------|
| NAME:             | TYPE: | WEIGHT:          |
| SPEC.:            | DIM.: | SERIAL No.:      |
| MFR.: 广东省赛凌科技有限公司 | SUR.: | Shielding Angle: |



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: 苏俊杰  
Test Date: 2025-04-03

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.471  
Humidity: 65.0%  
Test Distance: 8.150m [K=1.0000]  
Remarks: USW619F-F01

## LED Avg.L Report

|                   |       |                  |
|-------------------|-------|------------------|
| NAME:             | TYPE: | WEIGHT:          |
| SPEC.:            | DIM.: | SERIAL No.:      |
| MFR.: 广东省赛凌科技有限公司 | SUR.: | Shielding Angle: |

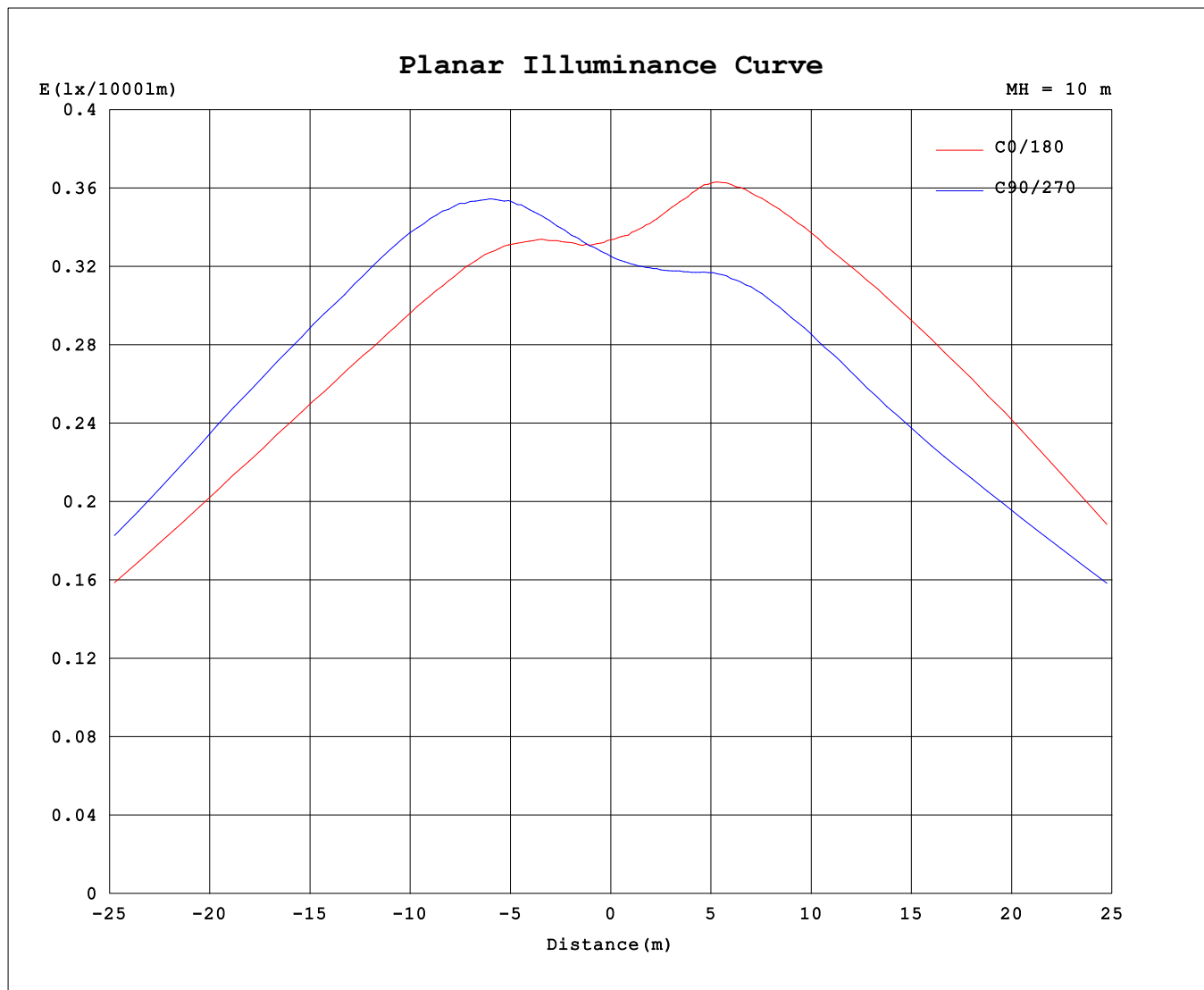
| AvgL             | cd/m2 |
|------------------|-------|
| L_0~180 (65) av  | 1821  |
| L_0~180 (75) av  | 4316  |
| L_0~180 (85) av  | 1416  |
| L_90~270 (65) av | 1769  |
| L_90~270 (75) av | 4330  |
| L_90~270 (85) av | 1335  |
| L_45 (65) av     | 1785  |
| L_45 (75) av     | 4242  |
| L_45 (85) av     | 1567  |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: 苏浚杰  
Test Date: 2025-04-03

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.471  
Humidity: 65.0%  
Test Distance: 8.150m [K=1.0000]  
Remarks: USW619F-F01

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: 苏俊杰  
Test Date: 2025-04-03

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.471  
Humidity: 65.0%  
Test Distance: 8.150m [K=1.0000]  
Remarks: USW619F-F01

## LUMINOUS DISTRIBUTION INTENSITY DATA

|                   |       |                  |
|-------------------|-------|------------------|
| NAME:             | TYPE: | WEIGHT:          |
| SPEC.:            | DIM.: | SERIAL No.:      |
| MFR.: 广东省赛凌科技有限公司 | SUR.: | Shielding Angle: |

Table--1

UNIT: cd/klm

| C (DEG)<br>γ (DEG) | 0    | 15   | 30   | 45   | 60   | 75   | 90   | 105  | 120  | 135  | 150  | 165  | 180  | 195  | 210  | 225  | 240  | 255  | 270  |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0                  | 33.4 | 33.0 | 32.9 | 32.8 | 32.7 | 32.7 | 32.5 | 32.6 | 32.4 | 32.5 | 32.4 | 32.5 | 33.4 | 33.0 | 32.9 | 32.8 | 32.7 | 32.7 | 32.5 |
| 5                  | 33.5 | 33.4 | 33.3 | 33.4 | 33.3 | 33.4 | 33.4 | 33.4 | 33.3 | 33.4 | 33.2 | 33.2 | 34.0 | 33.6 | 33.3 | 33.0 | 32.8 | 32.6 | 32.6 |
| 10                 | 34.7 | 34.7 | 34.6 | 34.8 | 34.9 | 35.0 | 35.1 | 35.2 | 35.1 | 35.1 | 35.0 | 35.0 | 35.7 | 35.1 | 34.7 | 34.2 | 33.9 | 33.6 | 33.4 |
| 15                 | 37.0 | 36.9 | 37.1 | 37.3 | 37.4 | 37.6 | 37.8 | 37.9 | 38.0 | 38.0 | 38.0 | 37.8 | 38.5 | 37.8 | 37.2 | 36.6 | 36.1 | 35.6 | 35.3 |
| 20                 | 40.2 | 40.3 | 40.5 | 40.9 | 41.2 | 41.5 | 41.8 | 42.0 | 42.2 | 42.3 | 42.3 | 42.0 | 42.7 | 41.8 | 40.9 | 40.0 | 39.3 | 38.7 | 38.2 |
| 25                 | 44.6 | 45.0 | 45.4 | 45.8 | 46.4 | 46.8 | 47.2 | 47.7 | 48.0 | 48.2 | 48.3 | 48.0 | 48.6 | 47.4 | 46.3 | 45.1 | 44.0 | 43.3 | 42.6 |
| 30                 | 50.5 | 51.1 | 51.7 | 52.4 | 53.2 | 53.8 | 54.5 | 55.0 | 55.5 | 55.7 | 55.7 | 55.2 | 55.8 | 54.5 | 52.9 | 51.6 | 50.2 | 49.3 | 48.5 |
| 35                 | 58.5 | 59.1 | 59.9 | 60.9 | 62.2 | 63.1 | 64.3 | 64.9 | 65.6 | 65.7 | 65.5 | 64.6 | 65.1 | 63.4 | 61.6 | 60.0 | 58.3 | 57.3 | 56.3 |
| 40                 | 69.0 | 70.1 | 71.3 | 72.6 | 74.4 | 75.7 | 77.5 | 78.4 | 79.0 | 79.0 | 78.5 | 77.5 | 77.7 | 75.7 | 73.2 | 71.3 | 69.3 | 68.1 | 66.6 |
| 45                 | 83.8 | 85.2 | 86.8 | 88.5 | 90.9 | 93.1 | 95.4 | 96.9 | 97.5 | 97.5 | 96.9 | 95.8 | 95.4 | 92.9 | 89.7 | 87.1 | 85.0 | 82.9 | 80.7 |
| 50                 | 105  | 106  | 109  | 111  | 115  | 117  | 120  | 123  | 124  | 124  | 123  | 122  | 121  | 117  | 113  | 110  | 107  | 104  | 101  |
| 55                 | 136  | 138  | 141  | 144  | 149  | 153  | 157  | 162  | 163  | 163  | 162  | 159  | 159  | 154  | 148  | 144  | 139  | 135  | 129  |
| 60                 | 182  | 185  | 190  | 194  | 201  | 206  | 211  | 217  | 220  | 220  | 219  | 216  | 216  | 208  | 202  | 195  | 189  | 181  | 174  |
| 65                 | 250  | 254  | 261  | 268  | 277  | 283  | 289  | 296  | 300  | 300  | 300  | 298  | 299  | 290  | 280  | 273  | 264  | 253  | 244  |
| 70                 | 340  | 345  | 355  | 363  | 371  | 378  | 385  | 390  | 394  | 395  | 393  | 391  | 397  | 389  | 378  | 374  | 364  | 354  | 343  |
| 75                 | 407  | 409  | 406  | 413  | 412  | 406  | 399  | 392  | 387  | 374  | 360  | 375  | 390  | 385  | 375  | 384  | 396  | 393  | 401  |
| 80                 | 243  | 242  | 221  | 215  | 203  | 190  | 165  | 163  | 147  | 141  | 131  | 139  | 135  | 147  | 146  | 150  | 166  | 173  | 181  |
| 85                 | 54.6 | 63.1 | 58.5 | 54.5 | 50.5 | 49.4 | 38.2 | 44.0 | 39.7 | 38.2 | 38.5 | 38.7 | 33.5 | 42.4 | 42.8 | 41.9 | 46.2 | 49.2 | 44.8 |
| 90                 | 16.3 | 24.9 | 23.5 | 18.3 | 20.4 | 19.3 | 12.2 | 18.4 | 17.1 | 14.4 | 17.5 | 16.0 | 11.6 | 18.1 | 19.6 | 16.0 | 19.8 | 20.3 | 14.5 |
| 95                 | 3.58 | 5.88 | 8.07 | 8.49 | 8.23 | 7.96 | 6.73 | 6.83 | 6.17 | 6.02 | 5.88 | 6.52 | 5.53 | 7.25 | 9.15 | 8.69 | 8.51 | 8.01 | 8.42 |
| 100                | 0.86 | 0.86 | 0.76 | 0.83 | 0.78 | 0.81 | 0.79 | 0.83 | 0.76 | 0.84 | 0.79 | 0.84 | 1.04 | 1.04 | 1.06 | 1.04 | 1.06 | 1.04 | 1.04 |
| 105                | 0.91 | 0.93 | 0.86 | 0.88 | 0.86 | 0.89 | 0.86 | 0.88 | 0.86 | 0.86 | 0.86 | 0.88 | 1.03 | 1.04 | 1.04 | 1.08 | 1.06 | 1.08 | 1.13 |
| 110                | 0.94 | 0.93 | 0.91 | 0.88 | 0.91 | 0.88 | 0.86 | 0.88 | 0.91 | 0.86 | 0.88 | 0.86 | 0.96 | 1.03 | 0.99 | 1.04 | 1.01 | 1.10 | 1.04 |
| 115                | 0.94 | 0.93 | 0.91 | 0.88 | 0.88 | 0.86 | 0.86 | 0.84 | 0.86 | 0.84 | 0.86 | 0.88 | 0.86 | 0.91 | 0.86 | 0.94 | 0.88 | 0.98 | 0.93 |
| 120                | 0.93 | 0.93 | 0.89 | 0.89 | 0.88 | 0.86 | 0.86 | 0.86 | 0.86 | 0.86 | 0.88 | 0.88 | 0.81 | 0.84 | 0.84 | 0.86 | 0.86 | 0.88 | 0.88 |
| 125                | 0.94 | 0.93 | 0.89 | 0.89 | 0.88 | 0.89 | 0.88 | 0.86 | 0.88 | 0.88 | 0.88 | 0.89 | 0.78 | 0.83 | 0.81 | 0.86 | 0.84 | 0.86 | 0.86 |
| 130                | 0.96 | 0.91 | 0.91 | 0.89 | 0.88 | 0.88 | 0.88 | 0.84 | 0.86 | 0.83 | 0.86 | 0.83 | 0.72 | 0.81 | 0.76 | 0.83 | 0.82 | 0.84 | 0.81 |
| 135                | 0.86 | 0.81 | 0.83 | 0.74 | 0.78 | 0.67 | 0.71 | 0.66 | 0.71 | 0.61 | 0.71 | 0.64 | 0.62 | 0.71 | 0.66 | 0.76 | 0.67 | 0.74 | 0.72 |
| 140                | 0.66 | 0.61 | 0.61 | 0.56 | 0.57 | 0.51 | 0.56 | 0.47 | 0.52 | 0.45 | 0.56 | 0.45 | 0.49 | 0.56 | 0.51 | 0.59 | 0.54 | 0.59 | 0.57 |
| 145                | 0.51 | 0.42 | 0.47 | 0.37 | 0.44 | 0.34 | 0.42 | 0.34 | 0.40 | 0.35 | 0.39 | 0.34 | 0.34 | 0.42 | 0.37 | 0.42 | 0.39 | 0.44 | 0.40 |
| 150                | 0.37 | 0.32 | 0.35 | 0.32 | 0.34 | 0.30 | 0.32 | 0.27 | 0.30 | 0.25 | 0.30 | 0.32 | 0.29 | 0.30 | 0.34 | 0.35 | 0.32 | 0.35 | 0.35 |
| 155                | 0.32 | 0.25 | 0.27 | 0.22 | 0.25 | 0.20 | 0.25 | 0.20 | 0.25 | 0.20 | 0.25 | 0.19 | 0.20 | 0.25 | 0.24 | 0.27 | 0.22 | 0.29 | 0.24 |
| 160                | 0.25 | 0.19 | 0.24 | 0.17 | 0.25 | 0.15 | 0.22 | 0.15 | 0.22 | 0.15 | 0.22 | 0.15 | 0.17 | 0.24 | 0.17 | 0.24 | 0.15 | 0.22 | 0.19 |
| 165                | 0.22 | 0.17 | 0.20 | 0.13 | 0.20 | 0.13 | 0.19 | 0.13 | 0.17 | 0.15 | 0.20 | 0.13 | 0.13 | 0.17 | 0.13 | 0.19 | 0.13 | 0.20 | 0.13 |
| 170                | 0.19 | 0.13 | 0.17 | 0.12 | 0.19 | 0.12 | 0.17 | 0.12 | 0.15 | 0.12 | 0.15 | 0.13 | 0.13 | 0.17 | 0.13 | 0.15 | 0.13 | 0.15 | 0.12 |
| 175                | 0.15 | 0.13 | 0.13 | 0.12 | 0.13 | 0.12 | 0.13 | 0.12 | 0.13 | 0.12 | 0.13 | 0.12 | 0.13 | 0.13 | 0.13 | 0.15 | 0.12 | 0.15 | 0.12 |
| 180                | 0.13 | 0.12 | 0.12 | 0.10 | 0.13 | 0.12 | 0.13 | 0.12 | 0.12 | 0.12 | 0.13 | 0.12 | 0.13 | 0.13 | 0.13 | 0.12 | 0.12 | 0.12 | 0.12 |

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3℃  
Operators: 苏浚杰  
Test Date: 2025-04-03

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.471  
Humidity: 65.0%  
Test Distance: 8.150m [K=1.0000]  
Remarks: USW619F-F01

## LUMINOUS DISTRIBUTION INTENSITY DATA

|                   |       |                  |
|-------------------|-------|------------------|
| NAME:             | TYPE: | WEIGHT:          |
| SPEC.:            | DIM.: | SERIAL No.:      |
| MFR.: 广东省赛凌科技有限公司 | SUR.: | Shielding Angle: |

Table--2

UNIT: cd/klm

| C (DEG)<br>γ (DEG) | 285  | 300  | 315  | 330  | 345  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--------------------|------|------|------|------|------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 0                  | 32.6 | 32.4 | 32.5 | 32.4 | 32.5 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5                  | 32.4 | 32.5 | 32.4 | 32.5 | 32.5 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10                 | 33.3 | 33.3 | 33.3 | 33.5 | 33.6 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15                 | 35.1 | 35.0 | 35.1 | 35.4 | 35.7 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20                 | 38.0 | 37.8 | 38.0 | 38.4 | 38.7 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 25                 | 42.2 | 42.0 | 42.2 | 42.4 | 42.9 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 30                 | 48.0 | 47.7 | 47.9 | 47.9 | 48.3 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 35                 | 55.5 | 55.1 | 55.1 | 55.1 | 55.7 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 40                 | 65.8 | 65.2 | 65.2 | 65.0 | 65.6 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45                 | 79.7 | 78.9 | 78.9 | 78.5 | 79.5 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 50                 | 99.1 | 98.3 | 97.9 | 98.0 | 99.6 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 55                 | 128  | 126  | 126  | 127  | 129  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 60                 | 172  | 169  | 169  | 170  | 173  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65                 | 240  | 236  | 235  | 234  | 238  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 70                 | 338  | 330  | 328  | 324  | 325  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 75                 | 398  | 399  | 396  | 390  | 395  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 80                 | 199  | 216  | 221  | 234  | 250  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 85                 | 56.3 | 59.0 | 60.3 | 66.6 | 66.7 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 90                 | 23.2 | 24.0 | 20.7 | 26.7 | 24.9 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 95                 | 9.42 | 10.1 | 10.5 | 10.3 | 5.93 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 100                | 1.04 | 1.06 | 1.01 | 1.06 | 1.01 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 105                | 1.11 | 1.11 | 1.08 | 1.06 | 1.04 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 110                | 1.08 | 1.04 | 1.10 | 1.03 | 1.09 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 115                | 0.98 | 0.91 | 0.99 | 0.94 | 0.98 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 120                | 0.91 | 0.84 | 0.91 | 0.84 | 0.89 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 125                | 0.86 | 0.84 | 0.86 | 0.84 | 0.83 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 130                | 0.84 | 0.83 | 0.84 | 0.79 | 0.83 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 135                | 0.79 | 0.72 | 0.78 | 0.69 | 0.79 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 140                | 0.62 | 0.61 | 0.64 | 0.62 | 0.62 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 145                | 0.47 | 0.42 | 0.49 | 0.42 | 0.49 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 150                | 0.39 | 0.32 | 0.37 | 0.34 | 0.39 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 155                | 0.29 | 0.25 | 0.32 | 0.22 | 0.30 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 160                | 0.24 | 0.17 | 0.24 | 0.19 | 0.24 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 165                | 0.19 | 0.13 | 0.20 | 0.15 | 0.19 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 170                | 0.17 | 0.12 | 0.17 | 0.13 | 0.17 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 175                | 0.15 | 0.12 | 0.13 | 0.12 | 0.13 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 180                | 0.13 | 0.12 | 0.13 | 0.12 | 0.12 |  |  |  |  |  |  |  |  |  |  |  |  |  |

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3℃  
Operators: 苏俊杰  
Test Date: 2025-04-03

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.471  
Humidity: 65.0%  
Test Distance: 8.150m [K=1.0000]  
Remarks: USW619F-F01