

# LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

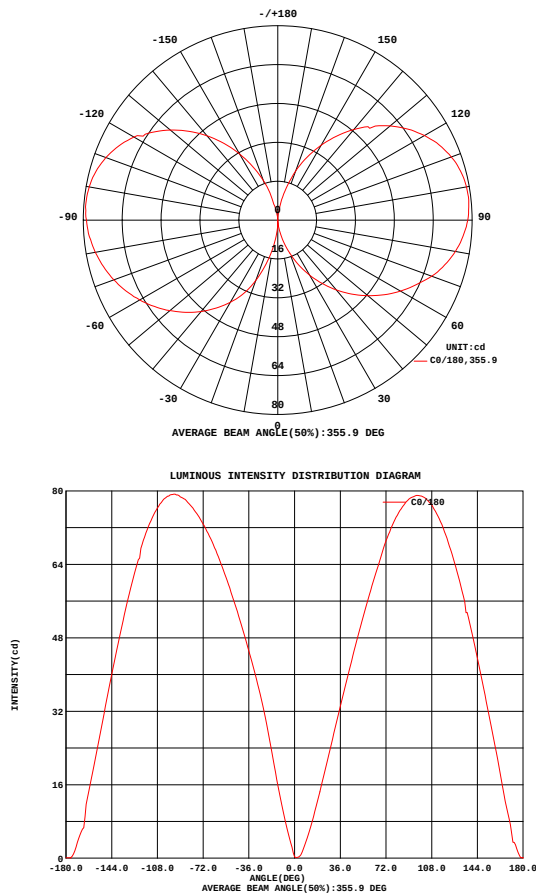


Fig. C0/C180

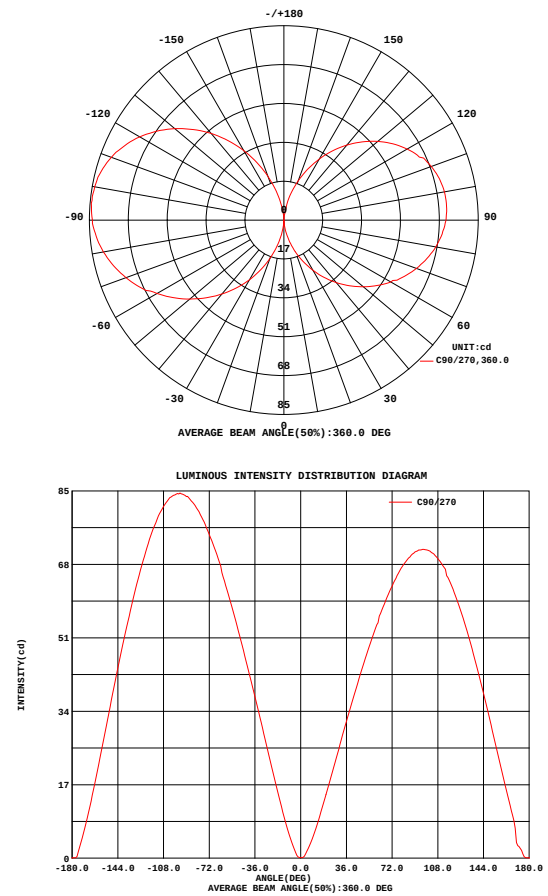


Fig. C90/C270

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2021-09-15

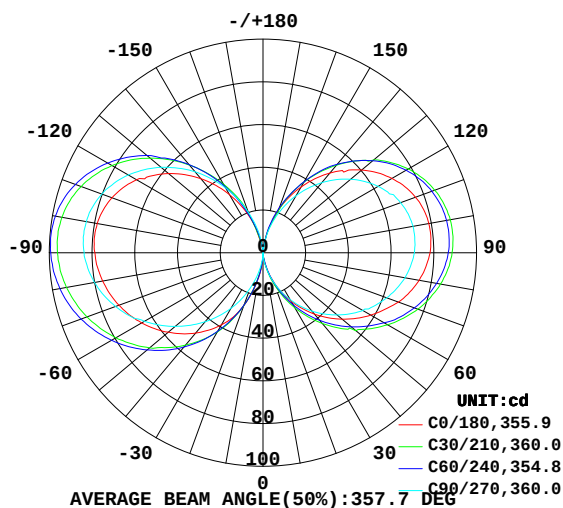
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416  
Humidity: 65.0%  
Test Distance: 1.615m [K=1.0000]  
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

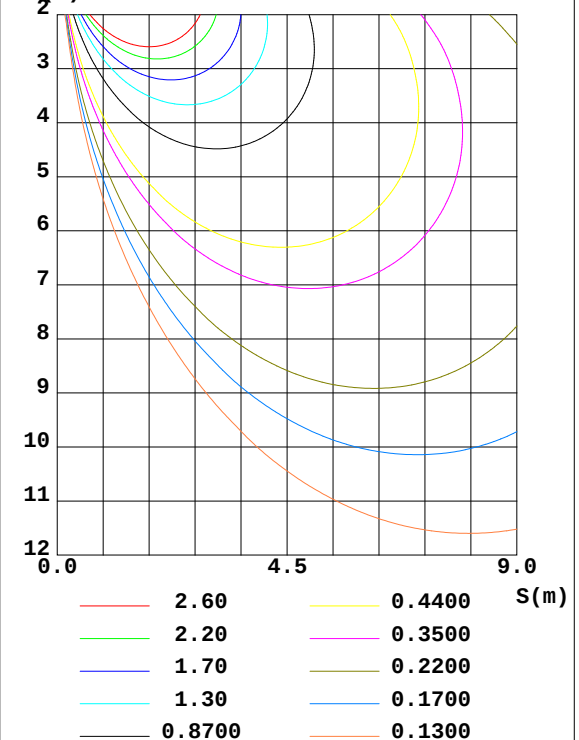
|                    |                  |                         |
|--------------------|------------------|-------------------------|
| NAME: 80方形德插-EU低杆灯 | TYPE: 7202201012 | WEIGHT:                 |
| SPEC.:             | DIM.:            | SERIAL No.: A2021091501 |
| MFR.: EVERFINE     | SUR.:            | Shielding Angle:        |

| DATA OF LAMP     |         | PHOTOMETRIC DATA |         |                         |            | Eff: 76.40 lm/W |
|------------------|---------|------------------|---------|-------------------------|------------|-----------------|
| MODEL            |         | Imax(cd)         | 102.5   | S/MH(C0/180)            | 14.42      |                 |
| NOMINAL POWER(W) | 10.8    | LOR(%)           | 100.0   | S/MH(C90/270)           | 19.25      |                 |
| RATED VOLTAGE(V) | 230     | TOTAL FLUX(lm)   | 825.74  | $\eta$ UP, DN(C0-180)   | 24.8, 22.8 |                 |
| NOMINAL FLUX(lm) | 825.742 | CIE CLASS        | DIFFUSE | $\eta$ UP, DN(C180-360) | 26.8, 25.5 |                 |
| LAMPS INSIDE     | 1       | $\eta$ up(%)     | 51.7    | CIBSE SHR NOM           | 1.00       |                 |
| TEST VOLTAGE(V)  | 230     | $\eta$ down(%)   | 48.3    | CIBSE SHR MAX           | 1.15       |                 |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT: lx)



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2021-09-15

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416  
Humidity: 65.0%  
Test Distance: 1.615m [K=1.0000]  
Remarks:

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

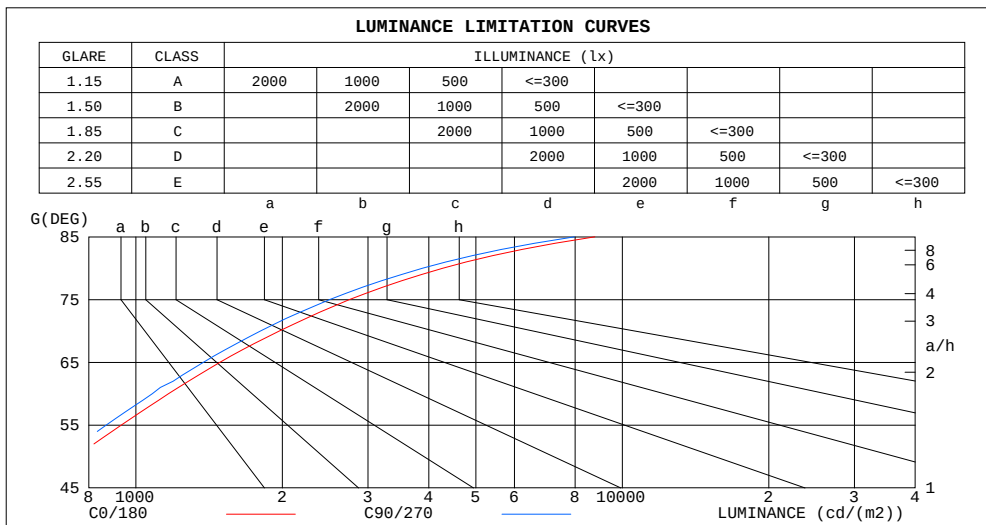
| γ   | C0                    | C45    | C90    | C135   | C180   | C225   | C270   | C315   | γ       | Φ zone   | Φ total | %lum, lamp |
|-----|-----------------------|--------|--------|--------|--------|--------|--------|--------|---------|----------|---------|------------|
| 10  | 4.420                 | 4.379  | 5.175  | 9.381  | 11.61  | 11.04  | 6.441  | 6.575  | 0- 10   | 0.3950   | 0.3950  | 0.05,0.05  |
| 20  | 14.47                 | 16.12  | 14.71  | 23.94  | 26.31  | 26.94  | 17.68  | 19.90  | 10- 20  | 4.041    | 4.436   | 0.54,0.54  |
| 30  | 26.05                 | 29.85  | 25.22  | 40.00  | 39.00  | 44.08  | 30.05  | 35.28  | 20- 30  | 12.81    | 17.24   | 2.09,2.09  |
| 40  | 37.51                 | 43.85  | 35.64  | 54.23  | 49.10  | 58.93  | 42.17  | 50.74  | 30- 40  | 25.80    | 43.04   | 5.21,5.21  |
| 50  | 48.39                 | 56.94  | 45.33  | 66.41  | 57.89  | 72.24  | 53.69  | 65.31  | 40- 50  | 41.48    | 84.53   | 10.2,10.2  |
| 60  | 58.37                 | 69.04  | 54.07  | 76.52  | 65.67  | 83.15  | 64.12  | 78.54  | 50- 60  | 58.28    | 142.8   | 17.3,17.3  |
| 70  | 67.46                 | 78.71  | 61.73  | 84.44  | 71.81  | 91.80  | 73.55  | 89.25  | 60- 70  | 74.17    | 217.0   | 26.3,26.3  |
| 80  | 74.27                 | 85.96  | 67.47  | 89.85  | 76.24  | 97.63  | 80.17  | 97.01  | 70- 80  | 87.06    | 304.0   | 36.8,36.8  |
| 90  | 78.20                 | 89.99  | 70.88  | 92.72  | 78.71  | 100.5  | 83.69  | 101.5  | 80- 90  | 95.21    | 399.2   | 48.3,48.3  |
| 100 | 78.87                 | 90.56  | 71.28  | 92.62  | 78.82  | 99.77  | 83.98  | 101.6  | 90-100  | 97.24    | 496.5   | 60.1,60.1  |
| 110 | 75.97                 | 87.14  | 68.59  | 88.79  | 75.30  | 94.66  | 80.32  | 97.49  | 100-110 | 92.36    | 588.8   | 71.3,71.3  |
| 120 | 69.70                 | 80.11  | 62.22  | 81.00  | 68.39  | 85.35  | 72.85  | 89.04  | 110-120 | 80.96    | 669.8   | 81.1,81.1  |
| 130 | 60.34                 | 69.42  | 53.57  | 69.32  | 57.69  | 72.05  | 62.26  | 76.59  | 120-130 | 64.67    | 734.5   | 88.9,88.9  |
| 140 | 48.73                 | 55.42  | 42.86  | 54.78  | 45.32  | 55.62  | 49.52  | 60.42  | 130-140 | 45.97    | 780.4   | 94.5,94.5  |
| 150 | 35.52                 | 39.64  | 30.76  | 38.08  | 31.46  | 37.80  | 35.09  | 39.78  | 140-150 | 28.05    | 808.5   | 97.9,97.9  |
| 160 | 21.50                 | 21.59  | 18.18  | 21.16  | 17.27  | 18.15  | 20.21  | 23.37  | 150-160 | 13.25    | 821.7   | 99.5,99.5  |
| 170 | 7.340                 | 6.457  | 3.605  | 4.523  | 4.285  | 4.625  | 6.938  | 5.605  | 160-170 | 3.768    | 825.5   | 100,100    |
| 180 | 0.0917                | 0.0892 | 0.0807 | 0.0967 | 0.1015 | 0.0822 | 0.0841 | 0.0969 | 170-180 | 0.2359   | 825.7   | 100,100    |
| DEG | LUMINOUS INTENSITY:cd |        |        |        |        |        |        |        |         | UNIT: lm |         |            |

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2021-09-15

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:1.615m [K=1.0000]  
Remarks:

## LUMINANCE LIMITATION CURVES

|                    |                  |                         |
|--------------------|------------------|-------------------------|
| NAME: 80方形德插-EU低杆灯 | TYPE: 7202201012 | WEIGHT:                 |
| SPEC.:             | DIM.:            | SERIAL No.: A2021091501 |
| MFR.: EVERFINE     | SUR.:            | Shielding Angle:        |



| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G(DEG)            | C0/180 | C90/270 |
| 85                | 8781   | 7971    |
| 80                | 4277   | 3885    |
| 75                | 2749   | 2502    |
| 70                | 1973   | 1805    |
| 65                | 1488   | 1376    |
| 60                | 1167   | 1081    |
| 55                | 933    | 869     |
| 50                | 753    | 705     |
| 45                | 609    | 574     |

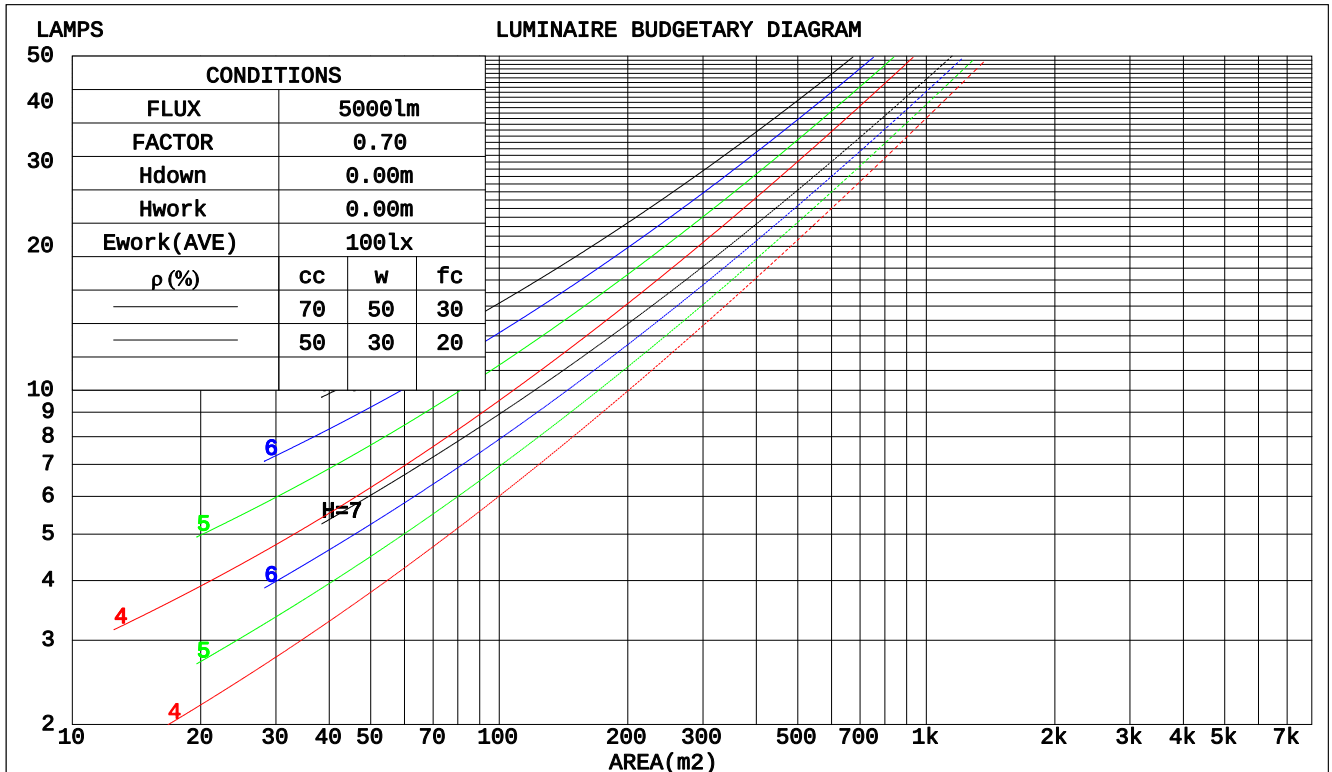
C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2021-09-15

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416  
 Humidity: 65.0%  
 Test Distance: 1.615m [K=1.0000]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

|                    |                 |                        |
|--------------------|-----------------|------------------------|
| NAME: 80方形德插-EU低杆灯 | TYPE:7202201012 | WEIGHT:                |
| SPEC.:             | DIM.:           | SERIAL No.:A2021091501 |
| MFR.: EVERFINE     | 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         | Coefficients of Utilization(CU) |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 0.0         | 1.07                            | 1.07 | 1.07 | .98 | .98 | .98 | .82 | .82 | .82 | .68 | .68 | .68 | .55 | .55 | .55 | .48 |
| 1.0         | .85                             | .79  | .73  | .77 | .72 | .67 | .63 | .59 | .55 | .51 | .47 | .45 | .39 | .37 | .34 | .29 |
| 2.0         | .71                             | .62  | .55  | .64 | .57 | .50 | .52 | .46 | .41 | .41 | .37 | .33 | .31 | .28 | .25 | .19 |
| 3.0         | .60                             | .51  | .43  | .55 | .46 | .39 | .44 | .38 | .32 | .35 | .29 | .25 | .26 | .22 | .18 | .14 |
| 4.0         | .52                             | .42  | .35  | .47 | .39 | .32 | .38 | .31 | .26 | .30 | .24 | .20 | .22 | .18 | .14 | .10 |
| 5.0         | .46                             | .36  | .29  | .41 | .33 | .26 | .33 | .27 | .21 | .26 | .21 | .16 | .19 | .15 | .12 | .08 |
| 6.0         | .40                             | .31  | .24  | .37 | .28 | .22 | .30 | .23 | .18 | .23 | .18 | .14 | .17 | .13 | .09 | .06 |
| 7.0         | .36                             | .27  | .21  | .33 | .25 | .19 | .26 | .20 | .15 | .21 | .15 | .11 | .15 | .11 | .08 | .05 |
| 8.0         | .32                             | .24  | .18  | .29 | .22 | .16 | .24 | .17 | .13 | .19 | .14 | .10 | .14 | .10 | .07 | .04 |
| 9.0         | .29                             | .21  | .15  | .27 | .19 | .14 | .22 | .15 | .11 | .17 | .12 | .08 | .13 | .09 | .06 | .03 |
| 10.0        | .27                             | .19  | .13  | .24 | .17 | .12 | .20 | .14 | .10 | .16 | .11 | .07 | .12 | .08 | .05 | .03 |



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2021-09-15

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:1.615m [K=1.0000]  
Remarks:

# WEC AND CCEC

|                    |                 |                        |
|--------------------|-----------------|------------------------|
| NAME: 80方形德插-EU低杆灯 | TYPE:7202201012 | WEIGHT:                |
| SPEC.:             | DIM.:           | SERIAL No.:A2021091501 |
| MFR.: EVERFINE     | SUR.:           | Shielding Angle:       |

| ρcc  | 80%                   |      |      | 70%  |      |      | 50%                             |      |      | 30%  |      |      | 10%  |      |      | 0 |  |
|------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|---|--|
| ρw   | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%                             | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |  |
| ρfc  | 20%                   |      |      | 20%  |      |      | 20%                             |      |      | 20%  |      |      | 20%  |      |      | 0 |  |
| RCR  | RCR:Room Cavity Ratio |      |      |      |      |      | Wall Exitance Coefficients(WEC) |      |      |      |      |      |      |      |      |   |  |
| 0.0  |                       |      |      |      |      |      |                                 |      |      |      |      |      |      |      |      |   |  |
| 1.0  | .441                  | .251 | .079 | .418 | .238 | .076 | .375                            | .215 | .069 | .335 | .193 | .062 | .298 | .173 | .056 |   |  |
| 2.0  | .362                  | .198 | .061 | .341 | .188 | .058 | .301                            | .167 | .052 | .265 | .148 | .046 | .231 | .131 | .041 |   |  |
| 3.0  | .312                  | .166 | .050 | .293 | .157 | .047 | .257                            | .139 | .042 | .223 | .122 | .038 | .192 | .106 | .033 |   |  |
| 4.0  | .276                  | .143 | .042 | .258 | .135 | .040 | .225                            | .119 | .036 | .194 | .104 | .031 | .166 | .090 | .027 |   |  |
| 5.0  | .247                  | .126 | .037 | .231 | .119 | .035 | .201                            | .105 | .031 | .172 | .091 | .027 | .146 | .078 | .023 |   |  |
| 6.0  | .225                  | .113 | .032 | .210 | .106 | .030 | .182                            | .093 | .027 | .155 | .081 | .024 | .131 | .069 | .020 |   |  |
| 7.0  | .206                  | .102 | .029 | .192 | .096 | .027 | .166                            | .084 | .024 | .141 | .072 | .021 | .118 | .062 | .018 |   |  |
| 8.0  | .190                  | .093 | .026 | .177 | .087 | .025 | .153                            | .076 | .022 | .130 | .066 | .019 | .108 | .056 | .016 |   |  |
| 9.0  | .176                  | .085 | .024 | .164 | .080 | .022 | .141                            | .070 | .020 | .120 | .060 | .017 | .100 | .051 | .015 |   |  |
| 10.0 | .164                  | .079 | .022 | .153 | .074 | .021 | .132                            | .065 | .018 | .112 | .056 | .016 | .093 | .047 | .013 |   |  |

| ρ <sub>CC</sub> | 80%                   |      |      | 70%  |      |      | 50%                                        |      |      | 30%  |      |      | 10%  |      |      | 0 |
|-----------------|-----------------------|------|------|------|------|------|--------------------------------------------|------|------|------|------|------|------|------|------|---|
| ρ <sub>W</sub>  | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%                                        | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |
| ρ <sub>fC</sub> | 20%                   |      |      | 20%  |      |      | 20%                                        |      |      | 20%  |      |      | 20%  |      |      | 0 |
| RCR             | RCR:Room Cavity Ratio |      |      |      |      |      | Ceiling Cavity Exitance Coefficients(CCEC) |      |      |      |      |      |      |      |      |   |
| 0.0             | .584                  | .584 | .584 | .499 | .499 | .499 | .341                                       | .341 | .341 | .196 | .196 | .196 | .063 | .063 | .063 |   |
| 1.0             | .586                  | .552 | .521 | .502 | .474 | .448 | .343                                       | .326 | .310 | .197 | .189 | .180 | .063 | .061 | .058 |   |
| 2.0             | .581                  | .531 | .489 | .498 | .457 | .423 | .341                                       | .316 | .295 | .197 | .184 | .173 | .063 | .060 | .056 |   |
| 3.0             | .574                  | .516 | .470 | .492 | .445 | .407 | .338                                       | .309 | .286 | .195 | .181 | .168 | .063 | .059 | .055 |   |
| 4.0             | .567                  | .505 | .458 | .486 | .436 | .398 | .334                                       | .304 | .280 | .193 | .178 | .166 | .062 | .058 | .054 |   |
| 5.0             | .559                  | .496 | .449 | .480 | .429 | .391 | .331                                       | .300 | .276 | .192 | .176 | .164 | .062 | .057 | .054 |   |
| 6.0             | .552                  | .489 | .444 | .474 | .423 | .386 | .327                                       | .296 | .273 | .190 | .174 | .162 | .061 | .057 | .054 |   |
| 7.0             | .545                  | .483 | .439 | .469 | .418 | .383 | .324                                       | .293 | .271 | .188 | .173 | .161 | .061 | .057 | .053 |   |
| 8.0             | .538                  | .478 | .436 | .463 | .414 | .380 | .321                                       | .291 | .270 | .187 | .172 | .161 | .060 | .056 | .053 |   |
| 9.0             | .532                  | .473 | .433 | .458 | .411 | .378 | .318                                       | .289 | .268 | .185 | .171 | .160 | .060 | .056 | .053 |   |
| 10.0            | .526                  | .469 | .431 | .454 | .408 | .377 | .315                                       | .287 | .267 | .184 | .170 | .160 | .060 | .056 | .053 |   |

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2021-09-15

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:1.615m [K=1.0000]  
Remarks:

### UGR(Unified Glare Rating) Table

|                                                    |     |     |     |     |                  |      |      |      |      |                        |      |      |      |      |
|----------------------------------------------------|-----|-----|-----|-----|------------------|------|------|------|------|------------------------|------|------|------|------|
| NAME: 80方形德插-EU低杆灯                                 |     |     |     |     | TYPE:7202201012  |      |      |      |      | WEIGHT:                |      |      |      |      |
| SPEC.:                                             |     |     |     |     | DIM.:            |      |      |      |      | SERIAL No.:A2021091501 |      |      |      |      |
| MFR.: EVERFINE                                     |     |     |     |     | 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                                      |     |     |     |     | 10.1             | 11.2 | 10.9 | 12.1 | 13.3 | 9.8                    | 10.9 | 10.7 | 11.8 | 13.0 |
| 3H                                                 |     |     |     |     | 13.8             | 14.8 | 14.7 | 15.8 | 17.0 | 13.5                   | 14.5 | 14.4 | 15.4 | 16.6 |
| 4H                                                 |     |     |     |     | 15.9             | 16.8 | 16.8 | 17.8 | 19.0 | 15.5                   | 16.4 | 16.4 | 17.4 | 18.6 |
| 6H                                                 |     |     |     |     | 18.2             | 19.1 | 19.1 | 20.0 | 21.3 | 17.7                   | 18.6 | 18.6 | 19.6 | 20.8 |
| 8H                                                 |     |     |     |     | 19.4             | 20.3 | 20.4 | 21.3 | 22.5 | 18.9                   | 19.8 | 19.9 | 20.8 | 22.0 |
| 12H                                                |     |     |     |     | 20.9             | 21.7 | 21.8 | 22.7 | 24.0 | 20.3                   | 21.2 | 21.3 | 22.1 | 23.4 |
| 4H 2H                                              |     |     |     |     | 11.5             | 12.5 | 12.4 | 13.4 | 14.7 | 11.4                   | 12.3 | 12.3 | 13.3 | 14.5 |
| 3H                                                 |     |     |     |     | 15.3             | 16.1 | 16.3 | 17.1 | 18.4 | 15.1                   | 15.9 | 16.0 | 16.9 | 18.2 |
| 4H                                                 |     |     |     |     | 17.5             | 18.2 | 18.4 | 19.2 | 20.5 | 17.2                   | 17.9 | 18.1 | 18.9 | 20.2 |
| 6H                                                 |     |     |     |     | 19.8             | 20.5 | 20.8 | 21.5 | 22.8 | 19.5                   | 20.2 | 20.4 | 21.2 | 22.5 |
| 8H                                                 |     |     |     |     | 21.1             | 21.7 | 22.1 | 22.8 | 24.1 | 20.7                   | 21.4 | 21.7 | 22.4 | 23.7 |
| 12H                                                |     |     |     |     | 22.6             | 23.2 | 23.6 | 24.2 | 25.5 | 22.1                   | 22.7 | 23.1 | 23.8 | 25.1 |
| 8H 4H                                              |     |     |     |     | 18.4             | 19.1 | 19.4 | 20.1 | 21.4 | 18.2                   | 18.9 | 19.2 | 19.9 | 21.2 |
| 6H                                                 |     |     |     |     | 21.0             | 21.6 | 22.1 | 22.6 | 24.0 | 20.8                   | 21.4 | 21.8 | 22.4 | 23.7 |
| 8H                                                 |     |     |     |     | 22.5             | 23.0 | 23.5 | 24.0 | 25.4 | 22.2                   | 22.7 | 23.2 | 23.8 | 25.1 |
| 12H                                                |     |     |     |     | 24.2             | 24.6 | 25.2 | 25.6 | 27.0 | 23.8                   | 24.3 | 24.9 | 25.3 | 26.7 |
| 12H 4H                                             |     |     |     |     | 18.7             | 19.3 | 19.7 | 20.3 | 21.6 | 18.5                   | 19.1 | 19.5 | 20.1 | 21.5 |
| 6H                                                 |     |     |     |     | 21.5             | 22.0 | 22.5 | 23.0 | 24.4 | 21.2                   | 21.7 | 22.3 | 22.8 | 24.1 |
| 8H                                                 |     |     |     |     | 23.1             | 23.5 | 24.1 | 24.5 | 25.9 | 22.8                   | 23.3 | 23.8 | 24.3 | 25.7 |
| Variations with the observer position at spacings: |     |     |     |     |                  |      |      |      |      |                        |      |      |      |      |
| S = 1.0H                                           |     |     |     |     | + 0.1 / - 0.1    |      |      |      |      | + 0.1 / - 0.1          |      |      |      |      |
| 1.5H                                               |     |     |     |     | + 0.2 / - 0.3    |      |      |      |      | + 0.2 / - 0.3          |      |      |      |      |
| 2.0H                                               |     |     |     |     | + 0.3 / - 0.4    |      |      |      |      | + 0.3 / - 0.4          |      |      |      |      |

CIE Pub.117, 825.7 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.7)  
Area: 0.1 m2

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2021-09-15

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:1.615m [K=1.0000]  
Remarks:

### UTILIZATION FACTORS TABLE

|                    |                 |                        |
|--------------------|-----------------|------------------------|
| NAME: 80方形德插-EU低杆灯 | TYPE:7202201012 | WEIGHT:                |
| SPEC.:             | DIM.:           | SERIAL No.:A2021091501 |
| MFR.: EVERFINE     | 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) x RCR = 5 |     |     |     |     |     |     |     |     |        |
| k = 0.60                         | 33                                              | 20  | 13  | 31  | 19  | 12  | 28  | 17  | 11  | 4      |
| 0.80                             | 41                                              | 27  | 18  | 39  | 25  | 17  | 34  | 22  | 15  | 6      |
| 1.00                             | 48                                              | 33  | 24  | 45  | 31  | 23  | 39  | 29  | 20  | 8      |
| 1.25                             | 55                                              | 40  | 30  | 51  | 38  | 28  | 44  | 33  | 25  | 11     |
| 1.50                             | 61                                              | 46  | 35  | 56  | 43  | 33  | 47  | 37  | 29  | 13     |
| 2.00                             | 69                                              | 55  | 44  | 63  | 51  | 41  | 53  | 43  | 36  | 17     |
| 2.50                             | 74                                              | 61  | 51  | 68  | 56  | 47  | 57  | 48  | 41  | 20     |
| 3.00                             | 78                                              | 66  | 57  | 72  | 61  | 53  | 60  | 52  | 45  | 23     |
| 4.00                             | 84                                              | 73  | 65  | 77  | 68  | 60  | 64  | 57  | 51  | 26     |
| 5.00                             | 87                                              | 78  | 70  | 80  | 72  | 65  | 67  | 61  | 55  | 29     |
| ROOM INDEX                       | UF(total)                                       |     |     |     |     |     |     |     |     | Direct |
| According to DIN EN 13032-2 2004 |                                                 |     |     |     |     |     |     |     |     |        |
| Suspended                        |                                                 |     |     |     |     |     |     |     |     |        |
| SHRNOM = 1.25                    |                                                 |     |     |     |     |     |     |     |     |        |

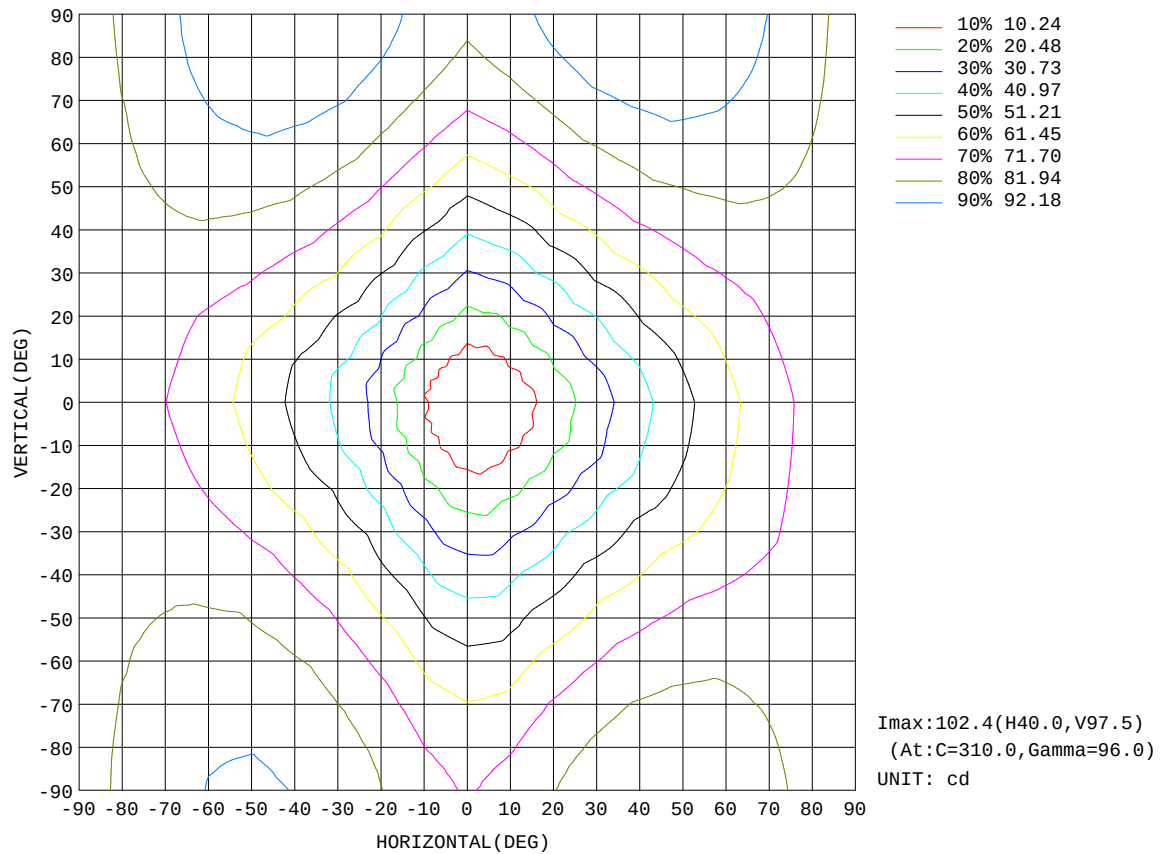
C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2021-09-15

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:1.615m [K=1.0000]  
Remarks:



# ISOCANDELA DIAGRAM

|                    |                  |                         |
|--------------------|------------------|-------------------------|
| NAME: 80方形德插-EU低杆灯 | TYPE: 7202201012 | WEIGHT:                 |
| SPEC.:             | DIM.:            | SERIAL No.: A2021091501 |
| MFR.: EVERFINE     | SUR.:            | Shielding Angle:        |

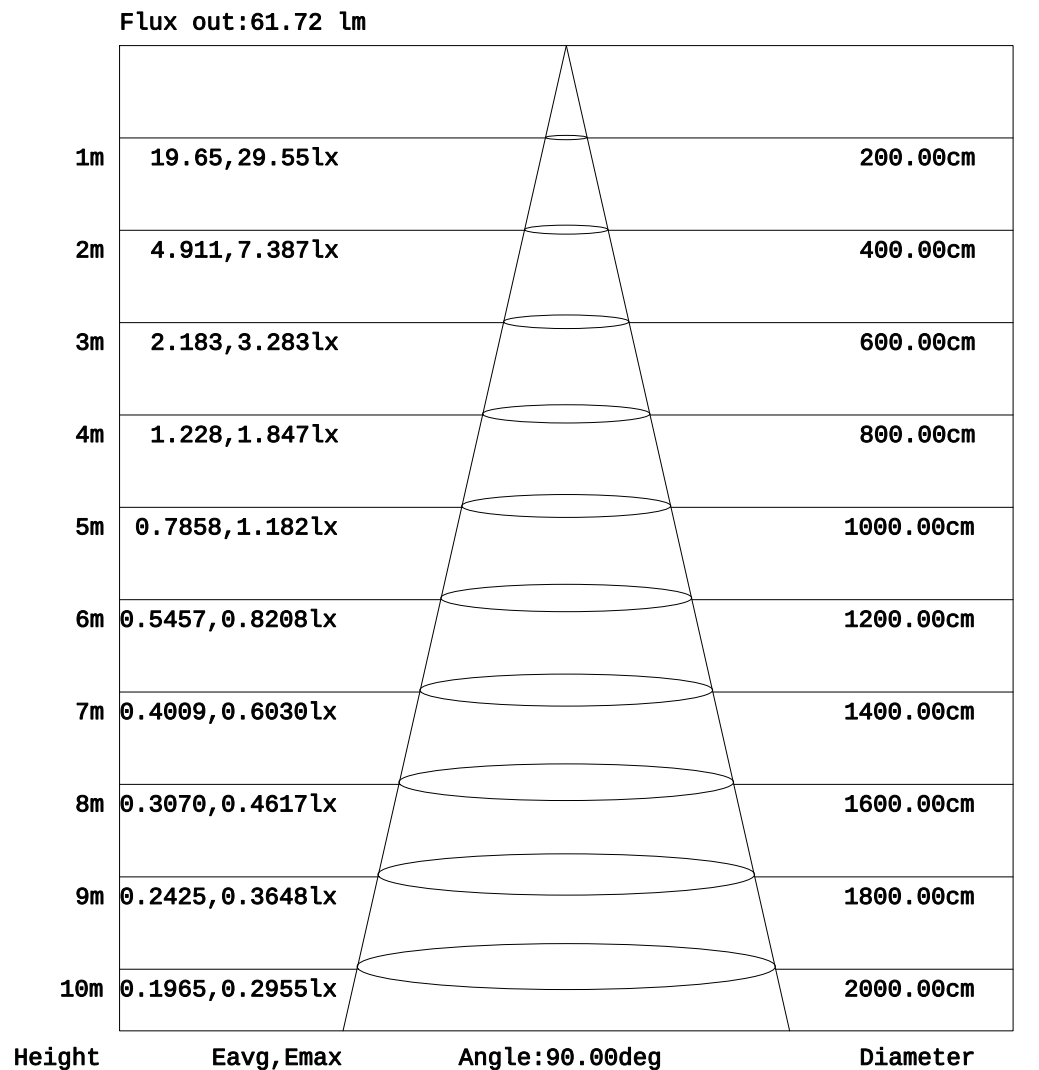


C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2021-09-15

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416  
Humidity: 65.0%  
Test Distance: 1.615m [K=1.0000]  
Remarks:

**AAI Figure**

|                    |                  |                         |
|--------------------|------------------|-------------------------|
| NAME: 80方形德插-EU低杆灯 | TYPE: 7202201012 | WEIGHT:                 |
| SPEC.:             | DIM.:            | SERIAL No.: A2021091501 |
| MFR.: EVERFINE     | SUR.:            | Shielding Angle:        |



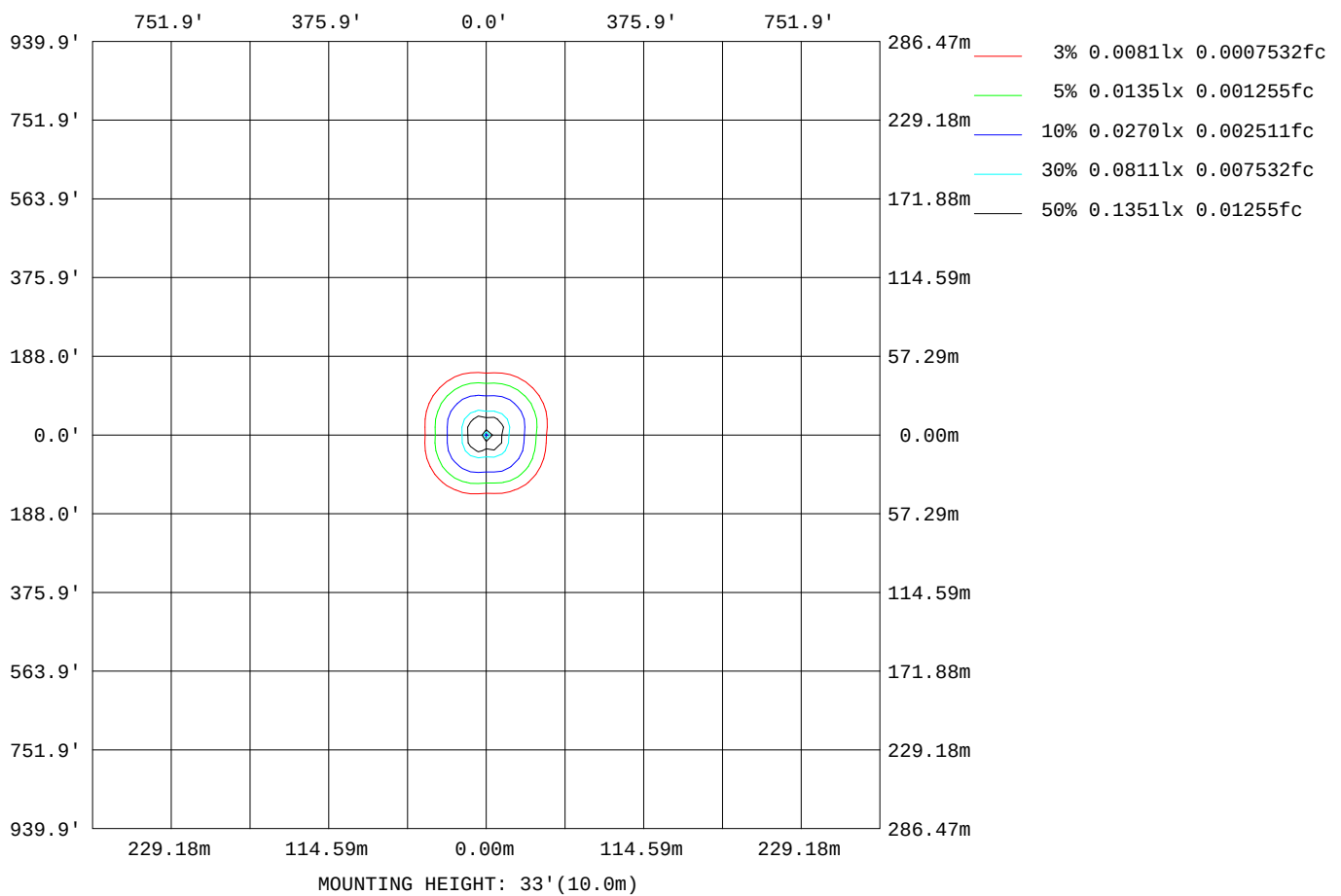
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2021-09-15

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416  
 Humidity: 65.0%  
 Test Distance: 1.615m [K=1.0000]  
 Remarks:

**ISOLUX DIAGRAM**

|                    |                  |                         |
|--------------------|------------------|-------------------------|
| NAME: 80方形德插-EU低杆灯 | TYPE: 7202201012 | WEIGHT:                 |
| SPEC.:             | DIM.:            | SERIAL No.: A2021091501 |
| MFR.: EVERFINE     | SUR.:            | Shielding Angle:        |



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2021-09-15

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416  
 Humidity: 65.0%  
 Test Distance: 1.615m [K=1.0000]  
 Remarks:

## LED Avg.L Report

|                    |                  |                         |
|--------------------|------------------|-------------------------|
| NAME: 80方形德插-EU低杆灯 | TYPE: 7202201012 | WEIGHT:                 |
| SPEC.:             | DIM.:            | SERIAL No.: A2021091501 |
| MFR.: EVERFINE     | SUR.:            | Shielding Angle:        |

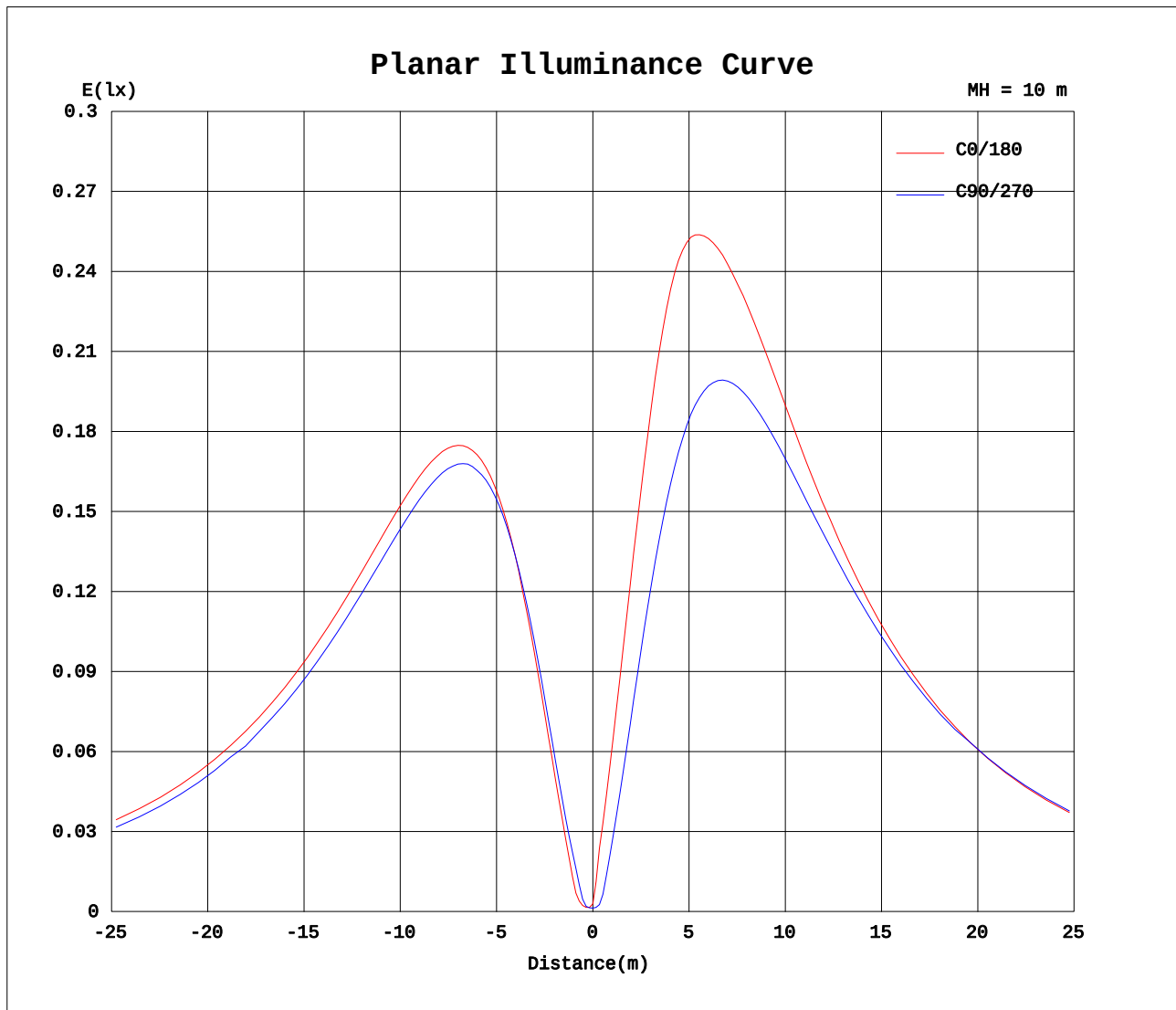
| AvgL           | cd/m2 |
|----------------|-------|
| L_0~180(65)av  | 1560  |
| L_0~180(75)av  | 2808  |
| L_0~180(85)av  | 8855  |
| L_90~270(65)av | 1509  |
| L_90~270(75)av | 2741  |
| L_90~270(85)av | 8710  |
| L_45(65)av     | 1942  |
| L_45(75)av     | 3478  |
| L_45(85)av     | 10914 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2021-09-15

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416  
 Humidity: 65.0%  
 Test Distance: 1.615m [K=1.0000]  
 Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2021-09-15

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416  
Humidity: 65.0%  
Test Distance: 1.615m [K=1.0000]  
Remarks:

# LUMINOUS DISTRIBUTION INTENSITY DATA

|                    |                 |                        |
|--------------------|-----------------|------------------------|
| NAME: 80方形德插-EU低杆灯 | TYPE:7202201012 | WEIGHT:                |
| SPEC.:             | DIM.:           | SERIAL No.:A2021091501 |
| MFR.: EVERFINE     | SUR.:           | Shielding Angle:       |

Table--1

UNIT: cd

| C(DEC)<br>γ (DEC) | 0    | 10   | 20   | 30   | 40   | 50   | 60   | 70   | 80   | 90   | 100   | 110  | 120  | 130  | 140  | 150  | 160  | 170  | 180  |
|-------------------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|------|
| 0                 | 0.29 | 0.13 | 0.27 | 0.16 | 0.21 | 0.15 | 0.19 | 0.14 | 0.17 | 0.13 | 0.18  | 0.15 | 0.17 | 0.15 | 0.16 | 0.20 | 0.16 | 0.27 | 0.29 |
| 5                 | 0.71 | 1.27 | 0.35 | 0.51 | 0.20 | 0.57 | 0.48 | 1.33 | 0.89 | 1.64 | 0.92  | 2.84 | 2.42 | 3.89 | 3.26 | 4.69 | 3.95 | 5.36 | 5.45 |
| 10                | 4.42 | 5.23 | 3.95 | 4.63 | 3.84 | 4.92 | 3.51 | 4.62 | 4.10 | 5.18 | 4.76  | 7.58 | 7.44 | 9.76 | 9.00 | 11.0 | 9.61 | 11.4 | 11.6 |
| 15                | 9.12 | 10.0 | 8.59 | 10.2 | 9.18 | 10.6 | 8.85 | 9.26 | 8.35 | 9.71 | 10.00 | 13.3 | 13.5 | 16.6 | 16.0 | 18.4 | 16.8 | 18.4 | 18.7 |
| 20                | 14.5 | 15.5 | 14.5 | 16.3 | 15.4 | 16.9 | 14.9 | 15.3 | 13.2 | 14.7 | 15.5  | 19.5 | 20.3 | 24.1 | 23.8 | 26.4 | 24.6 | 26.0 | 26.3 |
| 25                | 20.2 | 21.3 | 20.3 | 22.9 | 22.1 | 23.6 | 21.4 | 21.5 | 18.7 | 20.0 | 21.2  | 25.9 | 27.6 | 32.0 | 32.0 | 34.7 | 32.8 | 33.4 | 33.3 |
| 30                | 26.0 | 27.2 | 26.5 | 29.7 | 29.1 | 30.6 | 28.0 | 27.6 | 23.9 | 25.2 | 27.0  | 32.4 | 34.9 | 39.8 | 40.2 | 42.3 | 40.0 | 39.6 | 39.0 |
| 35                | 31.8 | 33.1 | 32.9 | 36.5 | 36.2 | 37.6 | 34.7 | 33.7 | 29.7 | 30.5 | 32.6  | 38.8 | 42.0 | 47.3 | 47.7 | 49.0 | 46.2 | 45.3 | 44.2 |
| 40                | 37.5 | 38.7 | 39.2 | 43.2 | 43.2 | 44.5 | 41.4 | 39.8 | 35.5 | 35.6 | 38.1  | 45.0 | 48.9 | 54.1 | 54.4 | 55.3 | 52.2 | 50.6 | 49.1 |
| 45                | 43.0 | 44.0 | 45.3 | 49.8 | 50.0 | 51.2 | 47.8 | 45.7 | 40.6 | 40.6 | 43.4  | 50.9 | 55.3 | 60.2 | 60.5 | 61.2 | 57.8 | 54.2 | 53.7 |
| 50                | 48.4 | 49.3 | 51.3 | 56.8 | 56.4 | 57.5 | 54.0 | 51.4 | 45.6 | 45.3 | 48.5  | 56.4 | 61.1 | 65.9 | 66.9 | 66.8 | 63.1 | 60.5 | 57.9 |
| 55                | 53.5 | 54.4 | 57.0 | 61.9 | 62.6 | 63.4 | 59.9 | 56.9 | 50.5 | 49.9 | 53.3  | 61.5 | 66.1 | 71.2 | 72.3 | 72.0 | 68.7 | 64.9 | 62.0 |
| 60                | 58.4 | 59.3 | 62.5 | 67.5 | 69.0 | 69.0 | 65.6 | 61.9 | 55.1 | 54.1 | 57.7  | 66.2 | 71.8 | 76.0 | 77.0 | 76.8 | 73.2 | 68.8 | 65.7 |
| 65                | 62.9 | 63.9 | 68.1 | 72.5 | 74.1 | 74.1 | 71.0 | 66.7 | 59.5 | 58.2 | 61.8  | 70.3 | 75.9 | 80.2 | 81.3 | 80.9 | 77.1 | 72.4 | 69.0 |
| 70                | 67.5 | 68.0 | 72.5 | 77.2 | 78.7 | 78.7 | 75.4 | 71.0 | 63.5 | 61.7 | 65.2  | 74.0 | 79.6 | 83.9 | 85.0 | 84.5 | 80.5 | 75.7 | 71.8 |
| 75                | 71.1 | 71.8 | 76.5 | 81.1 | 82.7 | 82.7 | 79.4 | 74.6 | 67.6 | 64.8 | 69.1  | 76.9 | 82.6 | 86.9 | 88.1 | 87.4 | 83.6 | 78.3 | 74.2 |
| 80                | 74.3 | 75.0 | 79.9 | 84.4 | 86.1 | 85.8 | 82.6 | 77.7 | 70.6 | 67.5 | 71.6  | 79.4 | 85.1 | 89.2 | 90.5 | 89.7 | 85.9 | 80.3 | 76.2 |
| 85                | 76.5 | 77.4 | 82.4 | 86.9 | 88.6 | 88.2 | 85.1 | 80.1 | 73.0 | 69.5 | 73.6  | 81.1 | 86.9 | 90.9 | 92.3 | 91.5 | 87.6 | 82.0 | 77.8 |
| 90                | 78.2 | 79.1 | 84.1 | 88.5 | 90.2 | 89.8 | 86.7 | 81.7 | 74.7 | 70.9 | 74.8  | 82.2 | 87.9 | 92.0 | 93.5 | 92.5 | 88.7 | 83.1 | 78.7 |
| 95                | 78.9 | 80.0 | 85.0 | 89.3 | 91.0 | 90.5 | 87.4 | 82.4 | 75.5 | 71.4 | 75.5  | 82.7 | 88.6 | 92.5 | 94.0 | 92.9 | 89.3 | 83.7 | 79.3 |
| 100               | 78.9 | 79.7 | 85.1 | 89.0 | 90.9 | 90.2 | 87.3 | 82.1 | 75.5 | 71.3 | 75.2  | 82.3 | 88.2 | 91.8 | 93.5 | 92.4 | 88.9 | 83.3 | 78.8 |
| 105               | 77.9 | 78.9 | 84.0 | 87.8 | 89.7 | 88.9 | 86.2 | 81.1 | 74.6 | 70.4 | 74.1  | 80.9 | 86.9 | 90.4 | 92.1 | 90.9 | 87.5 | 81.7 | 77.4 |
| 110               | 76.0 | 77.0 | 82.0 | 85.6 | 87.5 | 86.8 | 84.2 | 79.0 | 73.0 | 68.6 | 72.1  | 78.5 | 84.7 | 87.9 | 89.7 | 88.4 | 85.3 | 79.5 | 75.3 |
| 115               | 73.2 | 74.3 | 79.2 | 82.6 | 84.6 | 83.8 | 81.2 | 76.1 | 70.4 | 65.3 | 69.3  | 75.4 | 81.3 | 84.4 | 86.3 | 85.0 | 81.9 | 76.2 | 72.3 |
| 120               | 69.7 | 70.5 | 75.3 | 78.5 | 80.6 | 79.6 | 77.4 | 72.4 | 66.9 | 62.2 | 65.7  | 71.4 | 77.1 | 80.1 | 81.9 | 80.3 | 77.5 | 72.1 | 68.4 |
| 125               | 65.3 | 65.2 | 70.7 | 73.5 | 75.7 | 74.7 | 72.7 | 67.9 | 62.9 | 58.2 | 61.5  | 66.2 | 71.9 | 74.6 | 76.5 | 75.0 | 72.3 | 66.7 | 63.1 |
| 130               | 60.3 | 60.3 | 65.3 | 67.7 | 69.9 | 68.9 | 67.1 | 61.9 | 57.7 | 53.6 | 56.8  | 60.3 | 66.0 | 68.4 | 70.3 | 68.5 | 66.3 | 60.8 | 57.7 |
| 135               | 53.5 | 54.5 | 59.2 | 60.7 | 63.5 | 61.7 | 60.9 | 55.9 | 52.4 | 48.4 | 51.0  | 54.1 | 59.5 | 60.7 | 63.4 | 60.9 | 59.7 | 54.4 | 51.7 |
| 140               | 48.7 | 48.1 | 52.5 | 53.6 | 56.3 | 54.5 | 54.1 | 49.2 | 46.3 | 42.9 | 45.1  | 47.3 | 52.5 | 53.2 | 56.4 | 53.3 | 52.6 | 47.5 | 45.3 |
| 145               | 42.3 | 41.4 | 45.5 | 46.0 | 48.9 | 46.8 | 46.6 | 41.9 | 39.8 | 36.9 | 38.8  | 40.2 | 45.0 | 45.1 | 47.8 | 45.2 | 45.0 | 40.3 | 38.5 |
| 150               | 35.5 | 34.4 | 38.0 | 38.1 | 40.9 | 38.4 | 38.4 | 34.5 | 33.1 | 30.8 | 32.2  | 32.9 | 37.1 | 36.8 | 39.4 | 36.8 | 37.0 | 32.8 | 31.5 |
| 155               | 28.6 | 27.3 | 30.4 | 30.0 | 32.4 | 28.7 | 30.3 | 27.1 | 26.4 | 24.5 | 25.7  | 25.5 | 29.1 | 28.4 | 30.8 | 28.3 | 28.8 | 25.2 | 24.3 |
| 160               | 21.5 | 19.8 | 22.4 | 20.7 | 22.4 | 20.8 | 22.6 | 19.7 | 19.6 | 18.2 | 19.3  | 18.3 | 21.1 | 20.1 | 22.2 | 20.0 | 20.8 | 17.7 | 17.3 |
| 165               | 13.7 | 12.1 | 13.6 | 13.1 | 14.9 | 13.7 | 14.9 | 12.7 | 13.2 | 12.1 | 13.1  | 11.7 | 13.4 | 12.4 | 13.9 | 12.2 | 12.9 | 10.4 | 9.05 |
| 170               | 7.34 | 6.12 | 7.21 | 6.24 | 7.38 | 5.54 | 6.10 | 4.78 | 6.13 | 3.61 | 6.33  | 3.31 | 5.15 | 4.10 | 4.95 | 4.23 | 4.42 | 3.80 | 4.29 |
| 175               | 2.04 | 1.59 | 1.85 | 1.07 | 1.32 | 0.82 | 1.10 | 0.76 | 1.27 | 1.00 | 1.75  | 1.17 | 1.51 | 0.94 | 0.98 | 0.45 | 0.62 | 0.47 | 0.44 |
| 180               | 0.09 | 0.09 | 0.09 | 0.08 | 0.09 | 0.09 | 0.09 | 0.09 | 0.08 | 0.08 | 0.08  | 0.09 | 0.09 | 0.10 | 0.10 | 0.10 | 0.10 | 0.09 | 0.10 |

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2021-09-15

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:1.615m [K=1.0000]  
Remarks:

# LUMINOUS DISTRIBUTION INTENSITY DATA

|                    |                 |                        |
|--------------------|-----------------|------------------------|
| NAME: 80方形德插-EU低杆灯 | TYPE:7202201012 | WEIGHT:                |
| SPEC.:             | DIM.:           | SERIAL No.:A2021091501 |
| MFR.: EVERFINE     | SUR.:           | Shielding Angle:       |

Table--2

UNIT: cd

| C( DEG)<br>γ (DEG) | 190  | 200  | 210  | 220  | 230  | 240  | 250  | 260  | 270  | 280  | 290  | 300   | 310   | 320  | 330  | 340  | 350  |  |  |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|------|------|------|------|--|--|
| 0                  | 0.13 | 0.27 | 0.16 | 0.21 | 0.15 | 0.19 | 0.14 | 0.17 | 0.13 | 0.18 | 0.15 | 0.17  | 0.15  | 0.16 | 0.20 | 0.16 | 0.27 |  |  |
| 5                  | 4.22 | 5.19 | 3.92 | 5.22 | 3.74 | 4.66 | 3.01 | 2.99 | 2.09 | 2.84 | 1.86 | 2.47  | 1.47  | 1.89 | 0.86 | 1.35 | 0.68 |  |  |
| 10                 | 9.97 | 11.8 | 10.4 | 12.0 | 10.0 | 10.9 | 8.58 | 8.83 | 6.44 | 7.37 | 6.15 | 7.17  | 5.98  | 7.17 | 5.49 | 6.08 | 4.34 |  |  |
| 15                 | 16.9 | 19.4 | 18.0 | 19.8 | 17.5 | 18.2 | 15.2 | 15.0 | 11.8 | 12.9 | 11.6 | 13.5  | 12.2  | 13.5 | 11.4 | 11.8 | 9.47 |  |  |
| 20                 | 24.8 | 27.6 | 26.3 | 28.3 | 25.6 | 26.1 | 22.5 | 21.7 | 17.7 | 19.1 | 18.2 | 20.7  | 19.2  | 20.6 | 18.1 | 18.4 | 15.3 |  |  |
| 25                 | 32.5 | 35.6 | 34.9 | 37.0 | 34.2 | 34.3 | 29.9 | 28.5 | 23.8 | 25.4 | 25.3 | 28.1  | 26.8  | 28.2 | 25.3 | 25.2 | 21.5 |  |  |
| 30                 | 38.7 | 42.5 | 42.8 | 45.4 | 42.8 | 42.4 | 37.4 | 35.3 | 30.1 | 31.9 | 32.3 | 35.6  | 34.6  | 36.0 | 32.8 | 32.1 | 27.8 |  |  |
| 35                 | 44.4 | 48.7 | 49.8 | 52.8 | 50.9 | 50.3 | 44.8 | 41.9 | 36.2 | 38.4 | 39.4 | 43.2  | 42.4  | 43.8 | 40.3 | 39.0 | 34.1 |  |  |
| 40                 | 49.9 | 53.8 | 56.4 | 59.6 | 58.2 | 57.6 | 52.0 | 48.4 | 42.2 | 44.9 | 46.5 | 50.6  | 50.1  | 51.4 | 47.7 | 45.9 | 40.3 |  |  |
| 45                 | 54.9 | 60.2 | 62.8 | 66.2 | 65.1 | 64.6 | 58.8 | 53.4 | 48.0 | 51.1 | 53.4 | 57.6  | 57.7  | 58.6 | 55.0 | 52.5 | 46.4 |  |  |
| 50                 | 59.6 | 65.6 | 69.2 | 72.4 | 72.1 | 70.8 | 65.4 | 60.4 | 53.7 | 57.1 | 59.9 | 64.6  | 64.8  | 65.8 | 61.9 | 58.9 | 52.3 |  |  |
| 55                 | 64.0 | 70.6 | 74.5 | 77.9 | 78.0 | 76.7 | 71.8 | 66.0 | 59.1 | 62.7 | 66.3 | 71.1  | 72.3  | 72.4 | 68.9 | 64.9 | 57.9 |  |  |
| 60                 | 68.5 | 74.9 | 79.6 | 83.0 | 83.3 | 81.9 | 77.1 | 71.2 | 64.1 | 68.1 | 72.7 | 77.2  | 78.5  | 78.6 | 75.1 | 70.5 | 63.2 |  |  |
| 65                 | 72.1 | 79.0 | 84.0 | 87.7 | 88.2 | 86.6 | 81.8 | 75.6 | 69.4 | 73.2 | 78.0 | 82.8  | 84.2  | 84.2 | 80.7 | 75.7 | 68.6 |  |  |
| 70                 | 75.3 | 82.4 | 87.7 | 91.5 | 92.1 | 90.7 | 85.8 | 79.8 | 73.5 | 77.6 | 82.9 | 87.8  | 89.2  | 89.3 | 85.6 | 80.6 | 73.0 |  |  |
| 75                 | 77.8 | 85.2 | 90.7 | 94.7 | 95.3 | 93.9 | 89.2 | 83.3 | 77.1 | 81.5 | 87.1 | 92.0  | 93.6  | 93.5 | 89.8 | 84.5 | 76.9 |  |  |
| 80                 | 79.9 | 87.6 | 93.4 | 97.3 | 97.9 | 96.5 | 92.0 | 86.1 | 80.2 | 84.6 | 90.6 | 95.4  | 97.2  | 96.9 | 93.3 | 87.8 | 80.1 |  |  |
| 85                 | 81.7 | 89.3 | 95.3 | 99.2 | 99.8 | 98.5 | 94.0 | 87.9 | 82.3 | 87.1 | 93.2 | 98.2  | 100.0 | 99.6 | 96.0 | 90.4 | 82.6 |  |  |
| 90                 | 82.8 | 90.2 | 96.2 | 100  | 101  | 99.4 | 95.1 | 89.2 | 83.7 | 88.6 | 95.0 | 99.8  | 102   | 101  | 97.8 | 92.0 | 84.2 |  |  |
| 95                 | 82.9 | 90.2 | 96.4 | 100  | 101  | 99.6 | 95.5 | 89.4 | 84.5 | 89.2 | 95.7 | 100   | 102   | 102  | 98.4 | 92.5 | 85.0 |  |  |
| 100                | 82.3 | 89.2 | 95.6 | 99.3 | 100  | 98.7 | 94.8 | 88.7 | 84.0 | 88.8 | 95.3 | 100.0 | 102   | 101  | 98.1 | 92.3 | 84.7 |  |  |
| 105                | 80.8 | 87.2 | 93.7 | 97.3 | 98.3 | 96.7 | 93.0 | 86.8 | 82.6 | 87.2 | 93.9 | 98.3  | 101   | 99.7 | 96.6 | 90.8 | 83.6 |  |  |
| 110                | 78.3 | 84.2 | 90.6 | 94.1 | 95.2 | 93.5 | 89.8 | 84.0 | 80.3 | 84.6 | 91.3 | 95.6  | 97.9  | 97.1 | 94.2 | 88.3 | 81.4 |  |  |
| 115                | 75.0 | 80.3 | 86.6 | 90.0 | 91.0 | 89.2 | 85.9 | 80.2 | 77.0 | 81.1 | 87.7 | 91.9  | 94.2  | 93.3 | 90.6 | 84.8 | 78.3 |  |  |
| 120                | 70.8 | 75.5 | 81.7 | 84.8 | 85.9 | 84.0 | 80.8 | 75.3 | 72.8 | 76.7 | 83.2 | 87.1  | 89.6  | 88.5 | 86.0 | 80.2 | 74.2 |  |  |
| 125                | 65.9 | 69.9 | 75.8 | 78.6 | 79.8 | 77.8 | 75.0 | 69.7 | 67.8 | 71.5 | 77.6 | 81.3  | 83.9  | 82.6 | 80.4 | 75.0 | 69.5 |  |  |
| 130                | 60.3 | 62.8 | 69.0 | 71.5 | 72.6 | 70.9 | 68.2 | 62.5 | 62.3 | 64.6 | 71.3 | 74.6  | 77.2  | 76.0 | 73.9 | 68.9 | 63.8 |  |  |
| 135                | 53.8 | 55.9 | 61.6 | 63.1 | 64.9 | 62.2 | 61.0 | 55.5 | 56.0 | 57.9 | 64.2 | 65.9  | 69.6  | 68.6 | 66.7 | 61.1 | 57.6 |  |  |
| 140                | 47.6 | 48.8 | 53.7 | 54.7 | 56.5 | 53.9 | 53.0 | 48.0 | 49.5 | 50.6 | 56.5 | 58.0  | 61.4  | 59.4 | 58.8 | 53.6 | 50.9 |  |  |
| 145                | 40.6 | 41.4 | 45.5 | 45.9 | 47.8 | 45.1 | 44.8 | 40.3 | 42.4 | 42.9 | 48.3 | 49.0  | 52.3  | 50.6 | 50.6 | 45.3 | 43.7 |  |  |
| 150                | 33.3 | 33.7 | 37.2 | 36.9 | 38.7 | 36.1 | 36.2 | 32.7 | 35.1 | 34.9 | 39.8 | 40.0  | 39.8  | 39.7 | 41.9 | 35.6 | 36.3 |  |  |
| 155                | 25.6 | 25.8 | 29.0 | 27.8 | 29.7 | 27.0 | 27.6 | 25.2 | 27.6 | 27.0 | 31.1 | 31.0  | 33.7  | 25.0 | 30.6 | 27.2 | 28.6 |  |  |
| 160                | 18.4 | 17.0 | 18.8 | 17.2 | 19.1 | 18.0 | 19.2 | 18.0 | 20.2 | 19.3 | 22.6 | 22.2  | 24.8  | 22.0 | 19.6 | 19.6 | 21.0 |  |  |
| 165                | 10.3 | 5.22 | 8.63 | 10.0 | 11.9 | 10.8 | 12.1 | 11.5 | 13.2 | 12.2 | 14.4 | 13.6  | 15.2  | 13.2 | 14.3 | 12.4 | 13.3 |  |  |
| 170                | 4.39 | 3.28 | 4.27 | 3.94 | 5.31 | 4.84 | 6.09 | 5.85 | 6.94 | 6.03 | 7.11 | 6.00  | 6.28  | 4.93 | 4.93 | 3.64 | 6.89 |  |  |
| 175                | 0.62 | 0.29 | 0.29 | 0.14 | 0.53 | 0.48 | 1.12 | 0.88 | 1.54 | 0.78 | 1.14 | 0.53  | 0.66  | 0.58 | 1.28 | 1.28 | 1.74 |  |  |
| 180                | 0.07 | 0.08 | 0.09 | 0.09 | 0.08 | 0.08 | 0.09 | 0.09 | 0.08 | 0.09 | 0.08 | 0.08  | 0.10  | 0.10 | 0.10 | 0.10 | 0.10 |  |  |

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2021-09-15

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:1.615m [K=1.0000]  
Remarks: