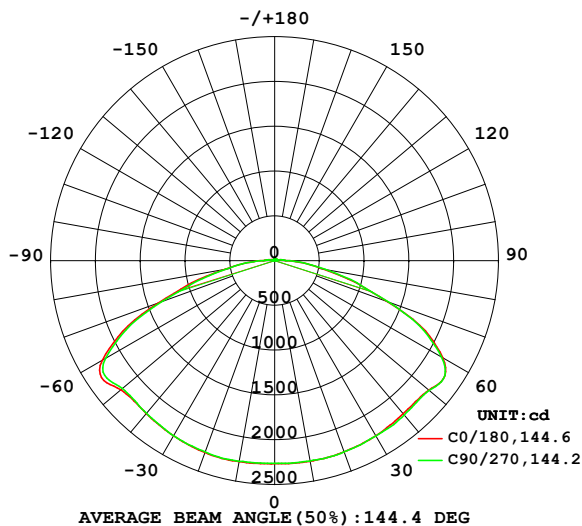


### LUMINAIRE PHOTOMETRIC TEST REPORT

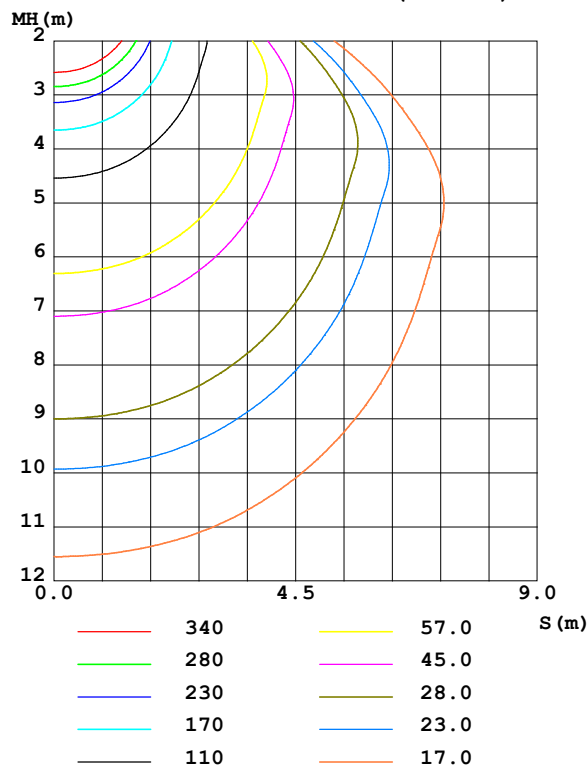
|                                                           |                 |                  |
|-----------------------------------------------------------|-----------------|------------------|
| Test:U:119.13V I:0.6387A P:75.712W PF:0.9951 Freq:60.01Hz |                 |                  |
| UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:10768.5x1 lm    |                 |                  |
| NAME: J-CP75W-CS-3CCT-A                                   | TYPE: 75W       | WEIGHT:          |
| SPEC.: 5000K                                              | DIM.:           | SERIAL No.: 1    |
| MFR.: EVERFINE                                            | SUR.: 0.25*0.25 | Shielding Angle: |

| DATA OF LAMP     |                   | PHOTOMETRIC DATA      |        |                    |          | Eff: 142.23 lm/W |
|------------------|-------------------|-----------------------|--------|--------------------|----------|------------------|
| MODEL            | J-CP75W-CS-3CCT-A | I <sub>max</sub> (cd) | 2333   | S/MH (C0/180)      | 1.52     |                  |
| NOMINAL POWER(W) | 75                | LOR (%)               | 100.0  | S/MH (C90/270)     | 1.53     |                  |
| RATED VOLTAGE(V) | 120               | TOTAL FLUX(lm)        | 10768  | □ UP,DN (C0-180)   | 1.0,48.8 |                  |
| NOMINAL FLUX(lm) | 10768.5           | CIE CLASS             | DIRECT | □ UP,DN (C180-360) | 1.1,49.1 |                  |
| LAMPS INSIDE     | 1                 | □ up (%)              | 2.1    | CIBSE SHR NOM      | 1.50     |                  |
| TEST VOLTAGE(V)  | 120               | □ down (%)            | 97.9   | CIBSE SHR MAX      | 1.55     |                  |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: DAMIN  
Test Date: 2023-05-05

□ Range: 0 - 180DEG  
□ Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.461  
Humidity: 65.0%  
Test Distance: 9.680m [K=1.0000]  
Remarks:

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

| °   | C0                    | C45   | C90   | C135  | C180  | C225  | C270  | C315  | °       | zone    | total | %lum, lamp |
|-----|-----------------------|-------|-------|-------|-------|-------|-------|-------|---------|---------|-------|------------|
| 10  | 2279                  | 2277  | 2275  | 2271  | 2275  | 2274  | 2271  | 2274  | 0- 10   | 216.7   | 216.7 | 2.01,2.01  |
| 20  | 2280                  | 2290  | 2272  | 2278  | 2270  | 2278  | 2273  | 2284  | 10- 20  | 645.9   | 862.6 | 8.01,8.01  |
| 30  | 2258                  | 2254  | 2257  | 2242  | 2258  | 2249  | 2260  | 2254  | 20- 30  | 1049    | 1912  | 17.8,17.8  |
| 40  | 2229                  | 2165  | 2227  | 2157  | 2233  | 2172  | 2251  | 2167  | 30- 40  | 1401    | 3313  | 30.8,30.8  |
| 50  | 2244                  | 2062  | 2221  | 2056  | 2248  | 2083  | 2254  | 2075  | 40- 50  | 1685    | 4998  | 46.4,46.4  |
| 60  | 2222                  | 2018  | 2181  | 2017  | 2168  | 2040  | 2152  | 2038  | 50- 60  | 1942    | 6940  | 64.5,64.5  |
| 70  | 1381                  | 1809  | 1335  | 1802  | 1340  | 1809  | 1346  | 1839  | 60- 70  | 1886    | 8826  | 82,82      |
| 80  | 565.3                 | 1026  | 558.3 | 1017  | 559.2 | 1050  | 573.2 | 1065  | 70- 80  | 1225    | 10051 | 93.3,93.3  |
| 90  | 135.1                 | 217.0 | 131.4 | 215.5 | 133.3 | 227.7 | 140.4 | 238.9 | 80- 90  | 488.0   | 10539 | 97.9,97.9  |
| 100 | 68.59                 | 46.86 | 60.85 | 23.17 | 69.43 | 34.45 | 70.20 | 59.91 | 90-100  | 120.5   | 10660 | 99,99      |
| 110 | 39.21                 | 17.49 | 11.91 | 14.04 | 15.29 | 16.70 | 15.06 | 21.48 | 100-110 | 29.79   | 10689 | 99.3,99.3  |
| 120 | 14.25                 | 14.10 | 14.13 | 14.42 | 17.39 | 17.49 | 17.21 | 16.95 | 110-120 | 18.64   | 10708 | 99.4,99.4  |
| 130 | 16.02                 | 16.53 | 16.22 | 16.58 | 19.06 | 18.86 | 18.56 | 18.80 | 120-130 | 14.94   | 10723 | 99.6,99.6  |
| 140 | 18.29                 | 18.91 | 18.39 | 19.00 | 20.32 | 20.62 | 20.14 | 20.55 | 130-140 | 14.32   | 10737 | 99.7,99.7  |
| 150 | 20.23                 | 20.56 | 20.29 | 20.66 | 21.71 | 21.81 | 21.56 | 21.73 | 140-150 | 12.75   | 10750 | 99.8,99.8  |
| 160 | 21.43                 | 21.53 | 21.47 | 21.50 | 22.37 | 22.25 | 22.24 | 22.27 | 150-160 | 9.953   | 10760 | 99.9,99.9  |
| 170 | 22.13                 | 22.18 | 22.16 | 22.06 | 22.43 | 22.37 | 22.37 | 22.43 | 160-170 | 6.258   | 10766 | 100,100    |
| 180 | 22.56                 | 22.58 | 22.51 | 22.56 | 22.58 | 22.60 | 22.52 | 22.55 | 170-180 | 2.135   | 10768 | 100,100    |
| DEG | LUMINOUS INTENSITY:cd |       |       |       |       |       |       |       |         | UNIT:lm |       |            |

Conical surface Flux(90deg): 4123.8 lm

%lum = 38.3%

%lamp = 38.3%

Conical surface Flux(130deg): 7934.6 lm

%lum = 73.7%

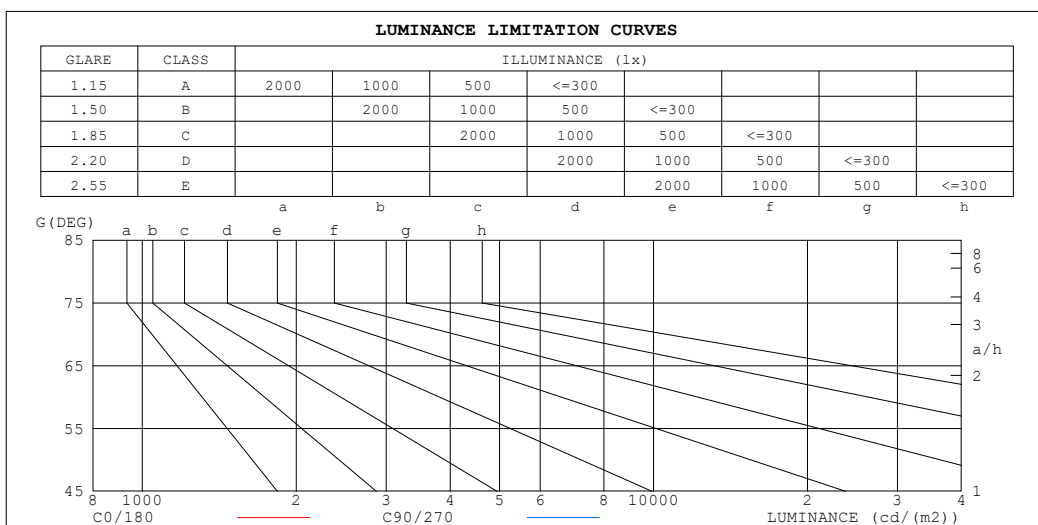
%lamp = 73.7%

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:2023-05-05

° Range: 0 - 180DEG  
° Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:9.680m [K=1.0000]  
Remarks:

## LUMINANCE LIMITATION CURVES

|                                                                                                                     |                 |                  |
|---------------------------------------------------------------------------------------------------------------------|-----------------|------------------|
| Test:U:119.13V I:0.6387A P:75.712W PF:0.9951 Freq:60.01Hz<br>UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:10768.5x1 lm |                 |                  |
| NAME: CP02G-75L-CS-3CCT-Z                                                                                           | TYPE: 75W       | WEIGHT:          |
| SPEC.: 5000K                                                                                                        | DIM.:           | SERIAL No.: 1    |
| MFR.: EVERFINE                                                                                                      | SUR.: 0.25*0.25 | Shielding Angle: |



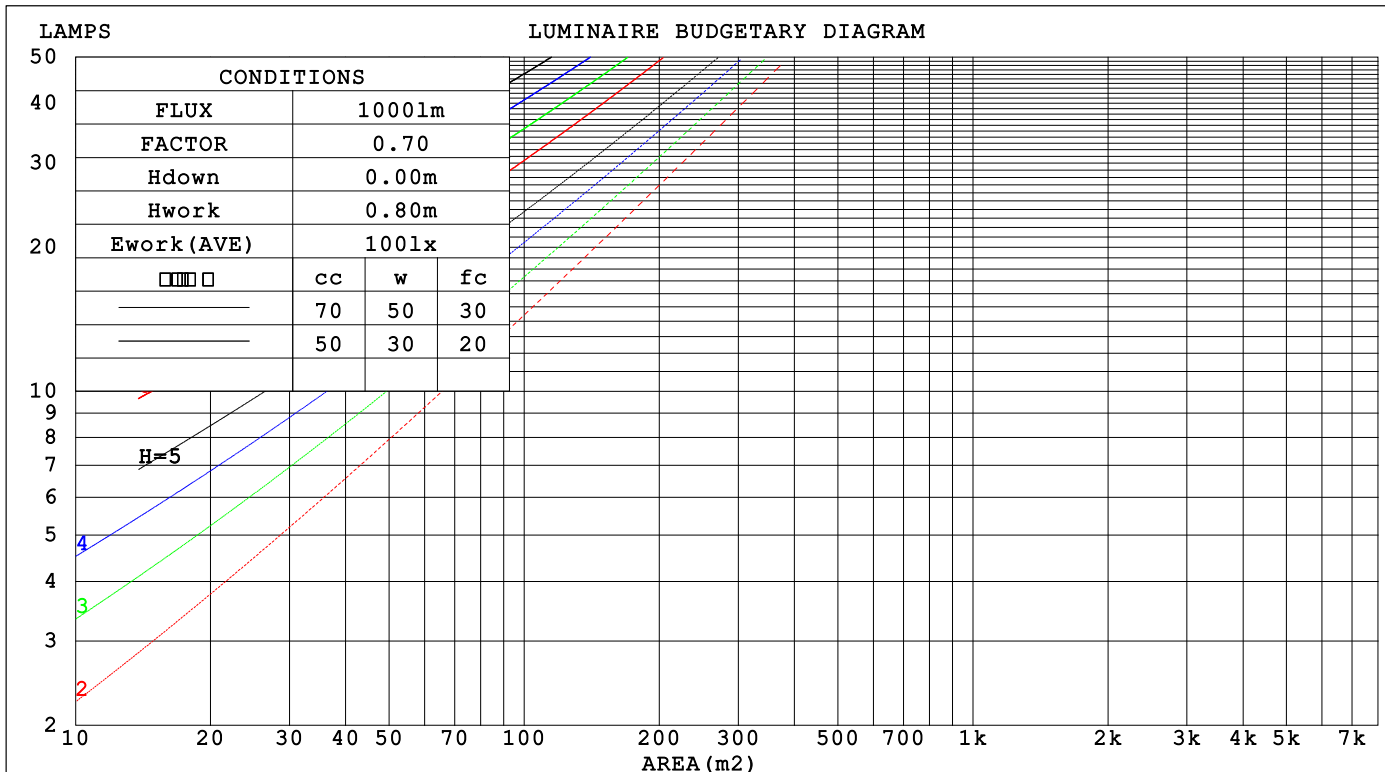
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: DAMIN  
Test Date: 2023-05-05

☐ Range: 0 - 180DEG  
☐ Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.461  
Humidity: 65.0%  
Test Distance: 9.680m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

|                                                           |                 |                  |
|-----------------------------------------------------------|-----------------|------------------|
| Test:U:119.13V I:0.6387A P:75.712W PF:0.9951 Freq:60.01Hz |                 |                  |
| UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:10768.5x1 lm    |                 |                  |
| NAME: CP02G-75L-CS-3CCT-Z                                 | TYPE: 75W       | WEIGHT:          |
| SPEC.: 5000K                                              | DIM.:           | SERIAL No.: 1    |
| MFR.: EVERFINE                                            | SUR.: 0.25*0.25 | Shielding Angle: |

| <input type="checkbox"/> cc | 80%                                                                        |      |      | 70%  |      |      | 50%  |      |      | 30%  |      |      | 10%  |      |      | 0   |
|-----------------------------|----------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|
| <input type="checkbox"/> w  | 50%                                                                        | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0   |
| <input type="checkbox"/> 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 | 1.00 | 1.00 | 1.00 | .98 |
| 1.0                         | .00                                                                        | .94  | .90  | .97  | .92  | .88  | .92  | .88  | .85  | .88  | .85  | .82  | .84  | .81  | .79  | .77 |
| 2.0                         | .85                                                                        | .76  | .70  | .82  | .75  | .69  | .78  | .72  | .67  | .75  | .69  | .65  | .71  | .67  | .63  | .60 |
| 3.0                         | .73                                                                        | .63  | .56  | .71  | .62  | .55  | .67  | .60  | .54  | .64  | .58  | .52  | .61  | .56  | .51  | .49 |
| 4.0                         | .63                                                                        | .53  | .45  | .62  | .52  | .45  | .59  | .50  | .44  | .56  | .49  | .43  | .53  | .47  | .42  | .40 |
| 5.0                         | .55                                                                        | .45  | .38  | .54  | .45  | .38  | .52  | .43  | .37  | .49  | .42  | .36  | .47  | .41  | .36  | .33 |
| 6.0                         | .49                                                                        | .39  | .32  | .48  | .39  | .32  | .46  | .38  | .32  | .44  | .37  | .31  | .42  | .36  | .31  | .28 |
| 7.0                         | .44                                                                        | .35  | .28  | .43  | .34  | .28  | .42  | .33  | .27  | .40  | .33  | .27  | .38  | .32  | .27  | .24 |
| 8.0                         | .40                                                                        | .31  | .25  | .39  | .31  | .24  | .38  | .30  | .24  | .36  | .29  | .24  | .35  | .28  | .23  | .21 |
| 9.0                         | .37                                                                        | .28  | .22  | .36  | .27  | .22  | .35  | .27  | .21  | .33  | .26  | .21  | .32  | .26  | .21  | .19 |
| 10.0                        | .34                                                                        | .25  | .19  | .33  | .25  | .19  | .32  | .24  | .19  | .31  | .24  | .19  | .30  | .23  | .19  | .17 |



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:2023-05-05

☐ Range: 0 - 180DEG  
☐ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:9.680m [K=1.0000]  
Remarks:

### WEC AND CCEC

|                                                           |                 |                  |
|-----------------------------------------------------------|-----------------|------------------|
| Test:U:119.13V I:0.6387A P:75.712W PF:0.9951 Freq:60.01Hz |                 |                  |
| UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:10768.5x1 lm    |                 |                  |
| NAME: CP02G-75L-CS-3CCT-Z                                 | TYPE: 75W       | WEIGHT:          |
| SPEC.: 5000K                                              | DIM.:           | SERIAL No.: 1    |
| MFR.: EVERFINE                                            | SUR.: 0.25*0.25 | Shielding Angle: |

|                             |                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-----------------------------|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| <input type="checkbox"/> cc | 80%                   |      |      | 70%  |      |      | 50%  |      |      | 30%  |      |      | 10%  |      |      | 0                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <input type="checkbox"/> w  | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <input type="checkbox"/> fc | 20%                   |      |      | 20%  |      |      | 20%  |      |      | 20%  |      |      | 20%  |      |      | 0                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| RCR                         | RCR:Room Cavity Ratio |      |      |      |      |      |      |      |      |      |      |      |      |      |      | Wall Exitance Coefficients(WEC) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0.0                         |                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1.0                         | .379                  | .216 | .068 | .371 | .212 | .067 | .356 | .204 | .065 | .343 | .198 | .063 | .330 | .191 | .062 |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2.0                         | .344                  | .188 | .058 | .337 | .185 | .057 | .323 | .180 | .056 | .311 | .175 | .055 | .300 | .170 | .053 |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3.0                         | .311                  | .165 | .050 | .304 | .163 | .049 | .292 | .158 | .048 | .281 | .154 | .047 | .271 | .150 | .046 |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4.0                         | .281                  | .146 | .043 | .276 | .144 | .043 | .265 | .141 | .042 | .255 | .137 | .041 | .246 | .134 | .041 |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5.0                         | .256                  | .131 | .038 | .251 | .129 | .038 | .242 | .126 | .037 | .233 | .123 | .037 | .225 | .120 | .036 |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6.0                         | .235                  | .118 | .034 | .230 | .116 | .033 | .222 | .114 | .033 | .214 | .111 | .033 | .207 | .109 | .032 |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7.0                         | .216                  | .107 | .030 | .212 | .106 | .030 | .205 | .104 | .030 | .198 | .101 | .029 | .191 | .099 | .029 |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8.0                         | .200                  | .098 | .028 | .197 | .097 | .027 | .190 | .095 | .027 | .184 | .093 | .027 | .177 | .091 | .027 |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9.0                         | .186                  | .090 | .025 | .183 | .089 | .025 | .177 | .088 | .025 | .171 | .086 | .025 | .166 | .084 | .024 |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10.0                        | .174                  | .084 | .023 | .171 | .083 | .023 | .166 | .081 | .023 | .160 | .080 | .023 | .155 | .078 | .022 |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

|                             |                       |      |      |      |      |      |                                             |      |      |      |      |      |      |      |      |   |  |
|-----------------------------|-----------------------|------|------|------|------|------|---------------------------------------------|------|------|------|------|------|------|------|------|---|--|
| <input type="checkbox"/> cc | 80%                   |      |      | 70%  |      |      | 50%                                         |      |      | 30%  |      |      | 10%  |      |      | 0 |  |
| <input type="checkbox"/> w  | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%                                         | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |  |
| <input type="checkbox"/> fc | 20%                   |      |      | 20%  |      |      | 20%                                         |      |      | 20%  |      |      | 20%  |      |      | 0 |  |
| RCR                         | RCR:Room Cavity Ratio |      |      |      |      |      | Ceiling Cavity Exitance Coefficients (CCEC) |      |      |      |      |      |      |      |      |   |  |
| 0.0                         | .207                  | .207 | .207 | .177 | .177 | .177 | .121                                        | .121 | .121 | .069 | .069 | .069 | .022 | .022 | .022 |   |  |
| 1.0                         | .201                  | .172 | .145 | .172 | .148 | .125 | .118                                        | .101 | .086 | .068 | .059 | .050 | .022 | .019 | .016 |   |  |
| 2.0                         | .196                  | .148 | .108 | .168 | .128 | .094 | .115                                        | .088 | .065 | .066 | .051 | .038 | .021 | .017 | .012 |   |  |
| 3.0                         | .189                  | .131 | .085 | .162 | .113 | .074 | .111                                        | .079 | .052 | .064 | .046 | .031 | .021 | .015 | .010 |   |  |
| 4.0                         | .181                  | .118 | .070 | .156 | .102 | .061 | .107                                        | .071 | .043 | .062 | .042 | .025 | .020 | .014 | .008 |   |  |
| 5.0                         | .174                  | .108 | .060 | .149 | .094 | .052 | .103                                        | .065 | .037 | .060 | .038 | .022 | .019 | .013 | .007 |   |  |
| 6.0                         | .166                  | .100 | .053 | .143 | .087 | .046 | .099                                        | .061 | .033 | .057 | .036 | .019 | .018 | .012 | .006 |   |  |
| 7.0                         | .159                  | .093 | .048 | .137 | .081 | .041 | .094                                        | .057 | .029 | .055 | .033 | .017 | .018 | .011 | .006 |   |  |
| 8.0                         | .152                  | .088 | .044 | .131 | .076 | .038 | .090                                        | .053 | .027 | .053 | .032 | .016 | .017 | .010 | .005 |   |  |
| 9.0                         | .145                  | .083 | .041 | .125 | .072 | .035 | .087                                        | .050 | .025 | .050 | .030 | .015 | .016 | .010 | .005 |   |  |
| 10.0                        | .139                  | .078 | .038 | .120 | .068 | .033 | .083                                        | .048 | .024 | .048 | .028 | .014 | .016 | .009 | .005 |   |  |

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:2023-05-05

☐ Range: 0 - 180DEG  
☐ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:9.680m [K=1.0000]  
Remarks:

### UGR(Unified Glare Rating) Table

|                                                                                                                     |                  |      |      |      |      |                 |      |      |                  |      |
|---------------------------------------------------------------------------------------------------------------------|------------------|------|------|------|------|-----------------|------|------|------------------|------|
| Test:U:119.13V I:0.6387A P:75.712W PF:0.9951 Freq:60.01Hz<br>UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:10768.5x1 lm |                  |      |      |      |      |                 |      |      |                  |      |
| NAME: CP02G-75L-CS-3CCT-Z                                                                                           |                  |      |      |      |      | TYPE: 75W       |      |      | WEIGHT:          |      |
| SPEC.: 5000K                                                                                                        |                  |      |      |      |      | DIM.:           |      |      | SERIAL No.: 1    |      |
| MFR.: EVERFINE                                                                                                      |                  |      |      |      |      | SUR.: 0.25*0.25 |      |      | 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                                                                                                       | 27.8             | 29.5 | 28.1 | 29.8 | 30.0 | 27.7            | 29.4 | 28.0 | 29.7             | 29.9 |
| 3H                                                                                                                  | 29.9             | 31.5 | 30.3 | 31.8 | 32.1 | 29.8            | 31.4 | 30.2 | 31.6             | 31.9 |
| 4H                                                                                                                  | 30.6             | 32.1 | 31.0 | 32.4 | 32.7 | 30.5            | 32.0 | 30.9 | 32.3             | 32.6 |
| 6H                                                                                                                  | 31.1             | 32.5 | 31.5 | 32.8 | 33.2 | 31.0            | 32.4 | 31.4 | 32.7             | 33.0 |
| 8H                                                                                                                  | 31.3             | 32.6 | 31.7 | 33.0 | 33.3 | 31.1            | 32.5 | 31.5 | 32.8             | 33.2 |
| 12H                                                                                                                 | 31.4             | 32.7 | 31.8 | 33.1 | 33.4 | 31.3            | 32.6 | 31.7 | 33.0             | 33.3 |
| 4H 2H                                                                                                               | 28.7             | 30.2 | 29.1 | 30.5 | 30.8 | 28.7            | 30.2 | 29.0 | 30.5             | 30.8 |
| 3H                                                                                                                  | 31.0             | 32.3 | 31.4 | 32.7 | 33.0 | 31.0            | 32.3 | 31.3 | 32.6             | 33.0 |
| 4H                                                                                                                  | 31.9             | 33.1 | 32.3 | 33.5 | 33.9 | 31.8            | 33.0 | 32.2 | 33.4             | 33.8 |
| 6H                                                                                                                  | 32.5             | 33.6 | 33.0 | 34.0 | 34.4 | 32.4            | 33.5 | 32.9 | 33.9             | 34.3 |
| 8H                                                                                                                  | 32.7             | 33.7 | 33.2 | 34.2 | 34.6 | 32.6            | 33.7 | 33.1 | 34.1             | 34.5 |
| 12H                                                                                                                 | 32.9             | 33.9 | 33.4 | 34.3 | 34.8 | 32.9            | 33.8 | 33.3 | 34.2             | 34.7 |
| 8H 4H                                                                                                               | 32.5             | 33.5 | 32.9 | 33.9 | 34.3 | 32.4            | 33.4 | 32.8 | 33.8             | 34.2 |
| 6H                                                                                                                  | 33.3             | 34.2 | 33.8 | 34.6 | 35.1 | 33.2            | 34.1 | 33.7 | 34.5             | 35.0 |
| 8H                                                                                                                  | 33.7             | 34.4 | 34.2 | 34.9 | 35.4 | 33.6            | 34.4 | 34.1 | 34.8             | 35.3 |
| 12H                                                                                                                 | 34.0             | 34.6 | 34.5 | 35.1 | 35.6 | 33.9            | 34.6 | 34.4 | 35.1             | 35.6 |
| 12H 4H                                                                                                              | 32.5             | 33.4 | 33.0 | 33.9 | 34.3 | 32.4            | 33.4 | 32.9 | 33.8             | 34.3 |
| 6H                                                                                                                  | 33.5             | 34.3 | 34.0 | 34.7 | 35.2 | 33.4            | 34.2 | 33.9 | 34.7             | 35.2 |
| 8H                                                                                                                  | 33.9             | 34.6 | 34.4 | 35.1 | 35.6 | 33.9            | 34.5 | 34.4 | 35.0             | 35.5 |
| Variations with the observer position at spacings(CIE Pub.117):                                                     |                  |      |      |      |      |                 |      |      |                  |      |
| S = 1.0H                                                                                                            | + 0.1 / - 0.1    |      |      |      |      | + 0.1 / - 0.1   |      |      |                  |      |
| 1.5H                                                                                                                | + 0.1 / - 0.2    |      |      |      |      | + 0.1 / - 0.2   |      |      |                  |      |
| 2.0H                                                                                                                | + 0.4 / - 0.6    |      |      |      |      | + 0.3 / - 0.6   |      |      |                  |      |

CIE Pub.117, 10768 lm Total Lamp Luminous Flux Corrected ( $8\log(F/F_0) = 8.3$ )  
Area: 0.0625 m2

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:2023-05-05

☐ Range: 0 - 180DEG  
☐ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:9.680m [K=1.0000]  
Remarks:

### UTILIZATION FACTORS TABLE

|                                                                                                                     |                 |                  |
|---------------------------------------------------------------------------------------------------------------------|-----------------|------------------|
| Test:U:119.13V I:0.6387A P:75.712W PF:0.9951 Freq:60.01Hz<br>UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:10768.5x1 lm |                 |                  |
| NAME: CP02G-75L-CS-3CCT-Z                                                                                           | TYPE: 75W       | WEIGHT:          |
| SPEC.: 5000K                                                                                                        | DIM.:           | SERIAL No.: 1    |
| MFR.: EVERFINE                                                                                                      | SUR.: 0.25*0.25 | Shielding Angle: |

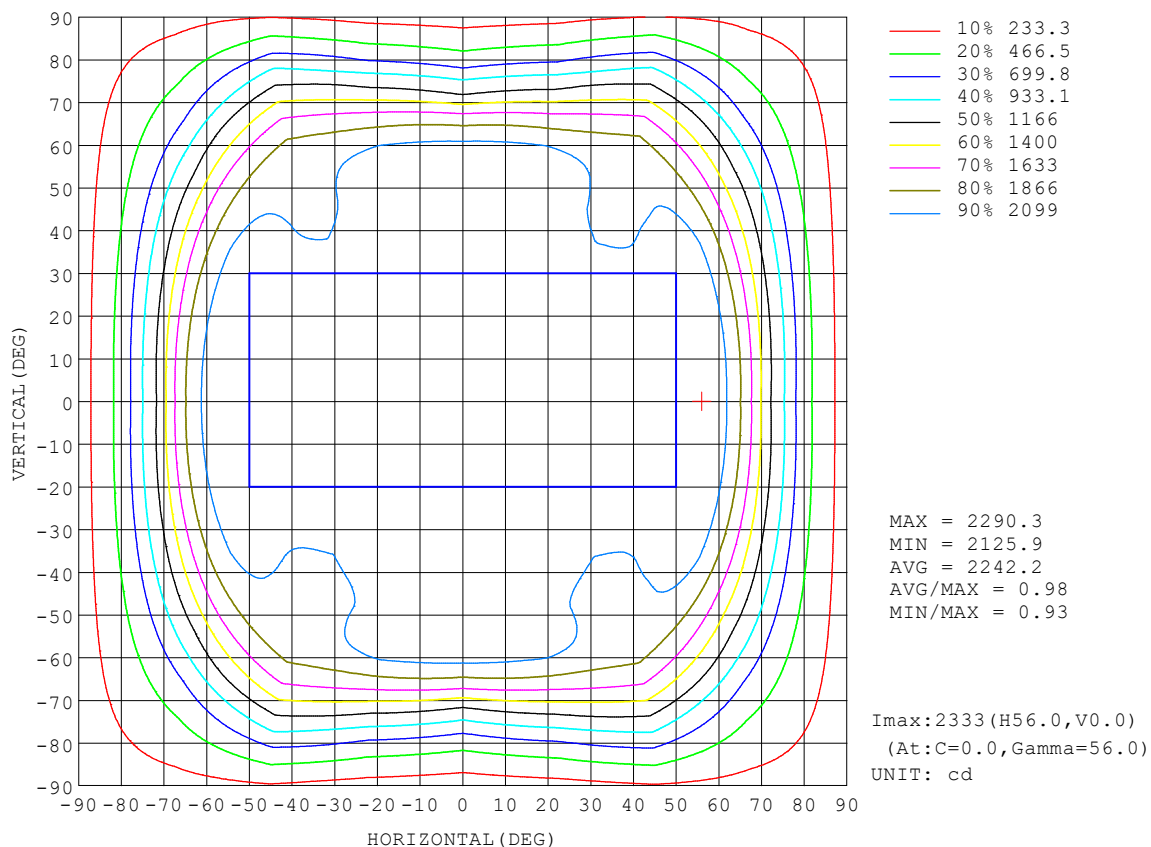
| REFLECTANCE                      |                                                      |     |           |     |     |     |     |               |     |        |
|----------------------------------|------------------------------------------------------|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| 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) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |               |     |        |
| $k = 0.60$                       | 50                                                   | 37  | 29        | 49  | 37  | 29  | 48  | 36            | 29  | 22     |
| 0.80                             | 59                                                   | 46  | 38        | 58  | 46  | 38  | 56  | 45            | 37  | 29     |
| 1.00                             | 68                                                   | 55  | 46        | 66  | 54  | 46  | 64  | 56            | 45  | 37     |
| 1.25                             | 75                                                   | 63  | 54        | 74  | 62  | 54  | 70  | 60            | 53  | 44     |
| 1.50                             | 81                                                   | 69  | 60        | 79  | 68  | 60  | 75  | 66            | 59  | 50     |
| 2.00                             | 89                                                   | 78  | 70        | 86  | 77  | 69  | 82  | 74            | 68  | 58     |
| 2.50                             | 93                                                   | 84  | 76        | 91  | 82  | 75  | 87  | 79            | 73  | 64     |
| 3.00                             | 97                                                   | 89  | 82        | 95  | 87  | 81  | 90  | 84            | 78  | 69     |
| 4.00                             | 102                                                  | 95  | 89        | 100 | 93  | 88  | 95  | 89            | 85  | 75     |
| 5.00                             | 105                                                  | 99  | 94        | 102 | 97  | 92  | 97  | 93            | 89  | 79     |
| ROOM INDEX                       | UF (total)                                           |     |           |     |     |     |     |               |     | Direct |
| According to DIN EN 13032-2 2004 |                                                      |     | Suspended |     |     |     |     | SHRNOM = 1.25 |     |        |

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: DAMIN  
Test Date: 2023-05-05

☐ Range: 0 - 180DEG  
☐ Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.461  
Humidity: 65.0%  
Test Distance: 9.680m [K=1.0000]  
Remarks:

### ISOCANDELA DIAGRAM

|                                                                                                                     |                 |                  |
|---------------------------------------------------------------------------------------------------------------------|-----------------|------------------|
| Test:U:119.13V I:0.6387A P:75.712W PF:0.9951 Freq:60.01Hz<br>UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:10768.5x1 lm |                 |                  |
| NAME: CP02G-75L-CS-3CCT-Z                                                                                           | TYPE: 75W       | WEIGHT:          |
| SPEC.: 5000K                                                                                                        | DIM.:           | SERIAL No.: 1    |
| MFR.: EVERFINE                                                                                                      | SUR.: 0.25*0.25 | Shielding Angle: |



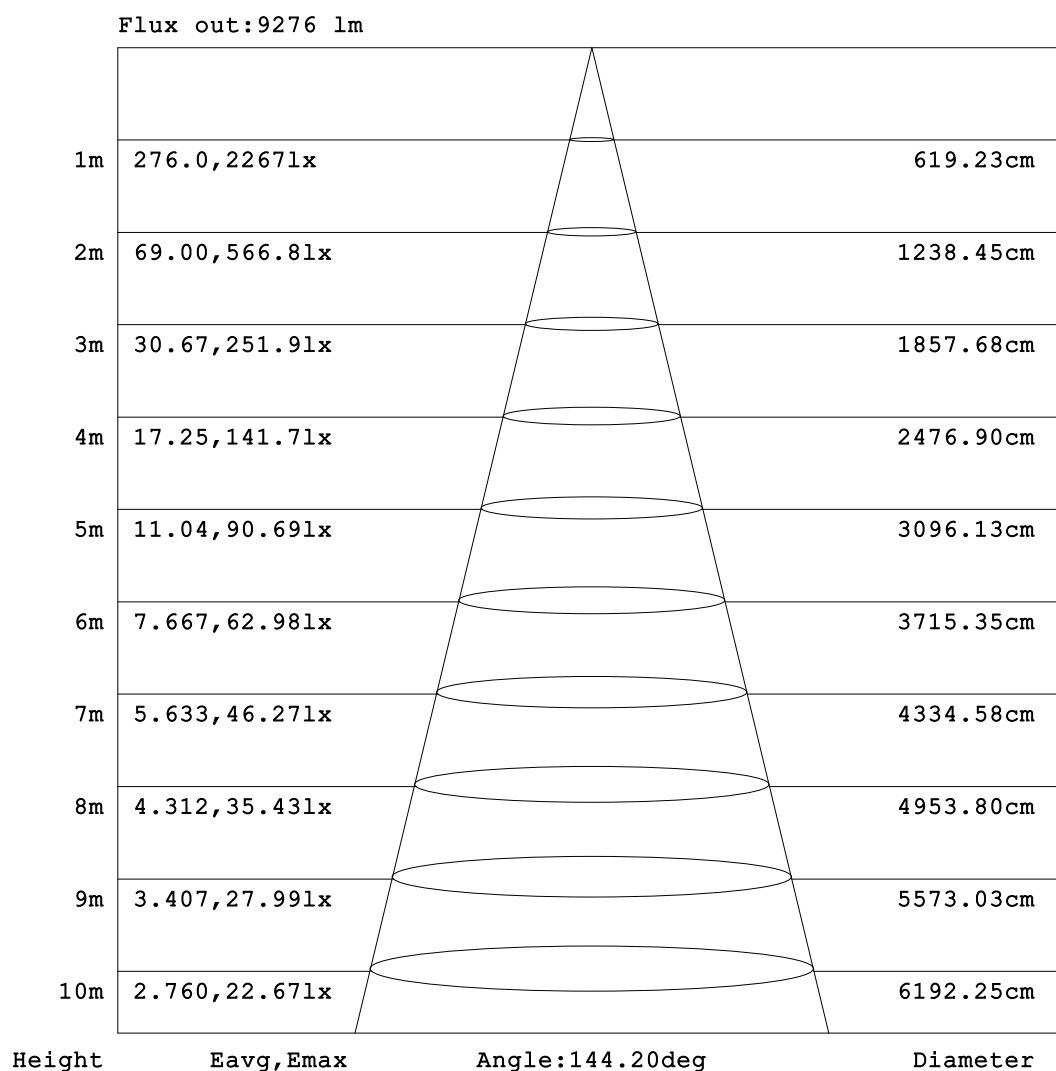
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2023-05-05

☐ Range: 0 - 180DEG  
☐ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:9.680m [K=1.0000]  
Remarks:



**AAI Figure**

|                                                                                                                     |                 |                  |
|---------------------------------------------------------------------------------------------------------------------|-----------------|------------------|
| Test:U:119.13V I:0.6387A P:75.712W PF:0.9951 Freq:60.01Hz<br>UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:10768.5x1 lm |                 |                  |
| NAME: CP02G-75L-CS-3CCT-Z                                                                                           | TYPE: 75W       | WEIGHT:          |
| SPEC.: 5000K                                                                                                        | DIM.:           | SERIAL No.: 1    |
| MFR.: EVERFINE                                                                                                      | SUR.: 0.25*0.25 | Shielding Angle: |



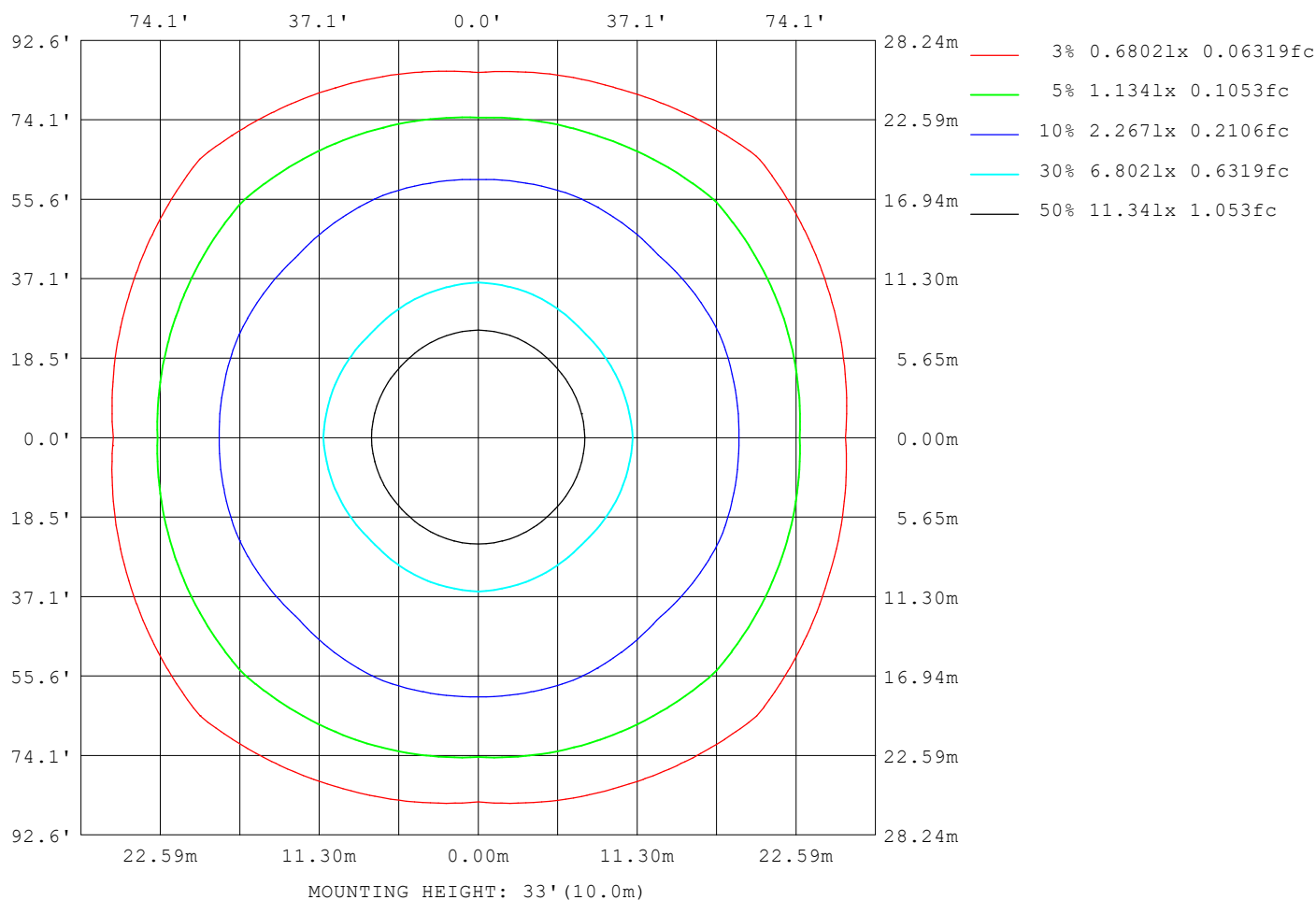
**Note:**The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2023-05-05

☐ Range: 0 - 180DEG  
☐ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.461  
 Humidity:65.0%  
 Test Distance:9.680m [K=1.0000]  
 Remarks:

**ISOLUX DIAGRAM**

|                                                                                                                     |                 |                  |
|---------------------------------------------------------------------------------------------------------------------|-----------------|------------------|
| Test:U:119.13V I:0.6387A P:75.712W PF:0.9951 Freq:60.01Hz<br>UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:10768.5x1 lm |                 |                  |
| NAME: CP02G-75L-CS-3CCT-Z                                                                                           | TYPE: 75W       | WEIGHT:          |
| SPEC.: 5000K                                                                                                        | DIM.:           | SERIAL No.: 1    |
| MFR.: EVERFINE                                                                                                      | SUR.: 0.25*0.25 | Shielding Angle: |



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2023-05-05

☐ Range: 0 - 180DEG  
☐ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:9.680m [K=1.0000]  
Remarks:

### LED Avg.L Report

|                                                                                                                     |                 |                  |
|---------------------------------------------------------------------------------------------------------------------|-----------------|------------------|
| Test:U:119.13V I:0.6387A P:75.712W PF:0.9951 Freq:60.01Hz<br>UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:10768.5x1 lm |                 |                  |
| NAME: CP02G-75L-CS-3CCT-Z                                                                                           | TYPE: 75W       | WEIGHT:          |
| SPEC.: 5000K                                                                                                        | DIM.:           | SERIAL No.: 1    |
| MFR.: EVERFINE                                                                                                      | SUR.: 0.25*0.25 | Shielding Angle: |

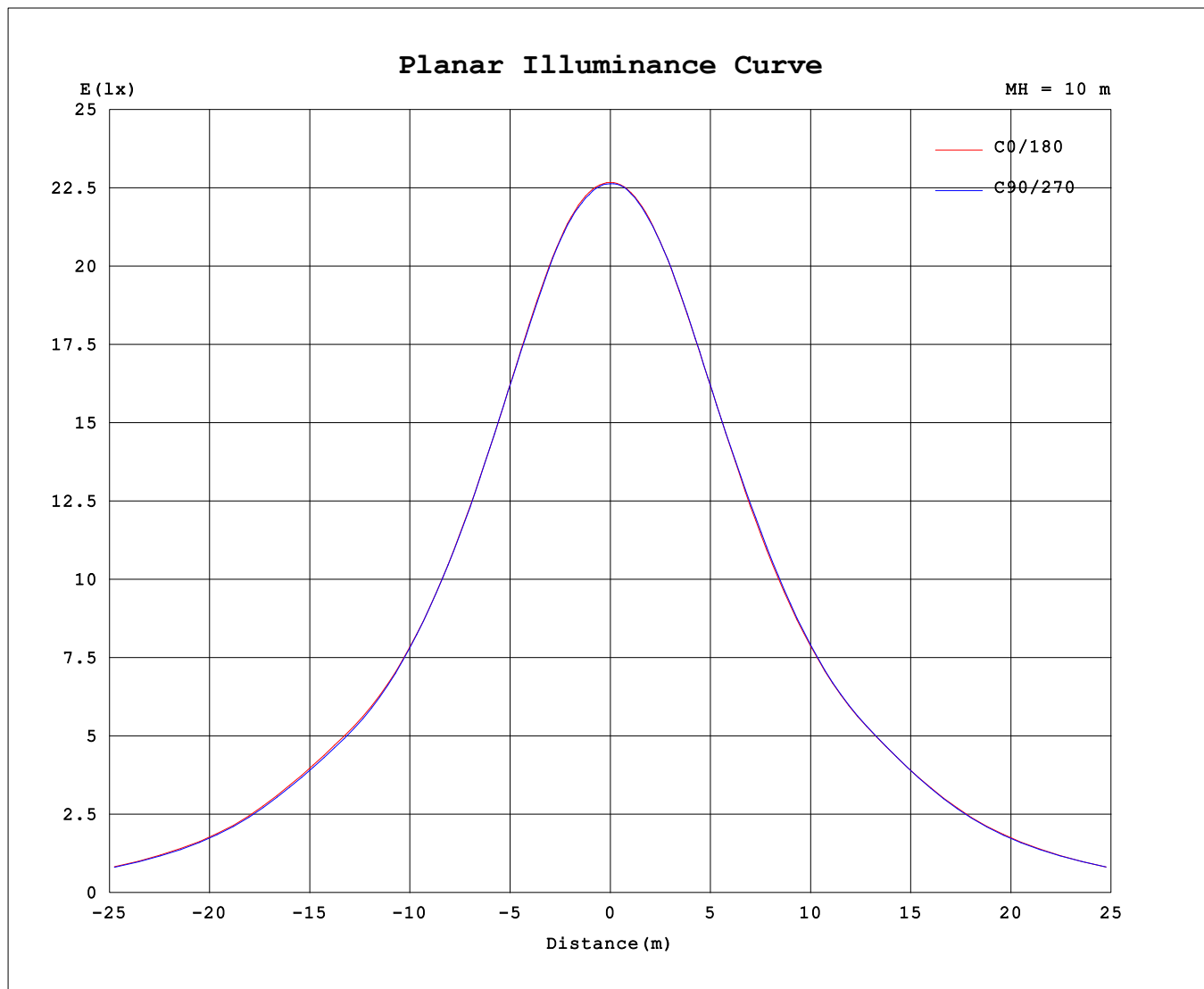
| AvgL             | cd/m2  |
|------------------|--------|
| L_0~180 (65) av  | 70594  |
| L_0~180 (75) av  | 58351  |
| L_0~180 (85) av  | 59840  |
| L_90~270 (65) av | 69493  |
| L_90~270 (75) av | 57481  |
| L_90~270 (85) av | 60728  |
| L_45 (65) av     | 75172  |
| L_45 (75) av     | 89835  |
| L_45 (85) av     | 110842 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:2023-05-05

☐ Range: 0 - 180DEG  
☐ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:9.680m [K=1.0000]  
Remarks:

### Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators: DAMIN  
 Test Date: 2023-05-05

☐ Range: 0 - 180DEG  
☐ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.461  
 Humidity: 65.0%  
 Test Distance: 9.680m [K=1.0000]  
 Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                           |  |  |                                 |  |  |                        |  |  |
|-----------------------------------------------------------|--|--|---------------------------------|--|--|------------------------|--|--|
| Test:U:119.13V I:0.6387A P:75.712W PF:0.9951 Freq:60.01Hz |  |  | UTHDi:0.00% ITHDi:0.00% KDisp:0 |  |  | Lamp Flux:10768.5x1 lm |  |  |
| NAME: CP02G-75L-CS-3CCT-Z                                 |  |  | TYPE: 75W                       |  |  | WEIGHT:                |  |  |
| SPEC.: 5000K                                              |  |  | DIM.:                           |  |  | SERIAL No.: 1          |  |  |
| MFR.: EVERFINE                                            |  |  | SUR.: 0.25*0.25                 |  |  | Shielding Angle:       |  |  |

Table--1

UNIT: cd

| C (DEG)<br>□ (DEG) | 0    | 22.5 | 45   | 67.5 | 90   | 112.5 | 135  | 157.5 | 180  | 202.5 | 225  | 247.5 | 270  | 292.5 | 315  | 337.5 |  |  |  |
|--------------------|------|------|------|------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|--|--|--|
| 0                  | 2267 | 2267 | 2266 | 2266 | 2264 | 2264  | 2263 | 2261  | 2267 | 2267  | 2266 | 2266  | 2264 | 2264  | 2263 | 2261  |  |  |  |
| 5                  | 2272 | 2270 | 2270 | 2268 | 2266 | 2267  | 2266 | 2264  | 2270 | 2271  | 2271 | 2270  | 2268 | 2267  | 2268 | 2266  |  |  |  |
| 10                 | 2279 | 2278 | 2277 | 2276 | 2275 | 2275  | 2271 | 2267  | 2275 | 2275  | 2274 | 2271  | 2271 | 2273  | 2274 | 2275  |  |  |  |
| 15                 | 2285 | 2285 | 2286 | 2285 | 2281 | 2283  | 2278 | 2271  | 2276 | 2278  | 2277 | 2278  | 2276 | 2278  | 2280 | 2279  |  |  |  |
| 20                 | 2280 | 2283 | 2290 | 2280 | 2272 | 2277  | 2278 | 2266  | 2270 | 2273  | 2278 | 2277  | 2273 | 2279  | 2284 | 2278  |  |  |  |
| 25                 | 2271 | 2274 | 2278 | 2271 | 2267 | 2266  | 2266 | 2260  | 2266 | 2265  | 2269 | 2268  | 2266 | 2272  | 2274 | 2266  |  |  |  |
| 30                 | 2258 | 2258 | 2254 | 2259 | 2257 | 2253  | 2242 | 2249  | 2258 | 2255  | 2249 | 2255  | 2260 | 2260  | 2254 | 2250  |  |  |  |
| 35                 | 2244 | 2236 | 2214 | 2235 | 2240 | 2232  | 2205 | 2228  | 2245 | 2235  | 2216 | 2242  | 2260 | 2249  | 2214 | 2225  |  |  |  |
| 40                 | 2229 | 2208 | 2165 | 2204 | 2227 | 2200  | 2157 | 2200  | 2233 | 2210  | 2172 | 2223  | 2251 | 2231  | 2167 | 2197  |  |  |  |
| 45                 | 2219 | 2178 | 2112 | 2172 | 2212 | 2171  | 2105 | 2170  | 2227 | 2185  | 2124 | 2193  | 2238 | 2202  | 2117 | 2165  |  |  |  |
| 50                 | 2244 | 2162 | 2062 | 2145 | 2221 | 2147  | 2056 | 2154  | 2248 | 2174  | 2083 | 2168  | 2254 | 2182  | 2075 | 2147  |  |  |  |
| 55                 | 2329 | 2200 | 2028 | 2157 | 2288 | 2166  | 2025 | 2172  | 2301 | 2197  | 2055 | 2182  | 2301 | 2200  | 2047 | 2180  |  |  |  |
| 60                 | 2222 | 2193 | 2018 | 2144 | 2181 | 2160  | 2017 | 2146  | 2168 | 2158  | 2040 | 2152  | 2152 | 2157  | 2038 | 2183  |  |  |  |
| 65                 | 1873 | 1961 | 1977 | 1939 | 1836 | 1945  | 1975 | 1928  | 1856 | 1924  | 1988 | 1926  | 1835 | 1908  | 2003 | 1985  |  |  |  |
| 70                 | 1381 | 1559 | 1809 | 1554 | 1335 | 1550  | 1802 | 1559  | 1340 | 1552  | 1809 | 1568  | 1346 | 1540  | 1839 | 1593  |  |  |  |
| 75                 | 959  | 1137 | 1446 | 1124 | 907  | 1108  | 1437 | 1117  | 928  | 1111  | 1453 | 1142  | 952  | 1111  | 1477 | 1167  |  |  |  |
| 80                 | 565  | 723  | 1026 | 729  | 558  | 710   | 1017 | 706   | 559  | 708   | 1050 | 741   | 573  | 719   | 1065 | 749   |  |  |  |
| 85                 | 325  | 409  | 595  | 413  | 323  | 400   | 584  | 400   | 327  | 405   | 612  | 424   | 338  | 414   | 625  | 425   |  |  |  |
| 90                 | 135  | 164  | 217  | 164  | 131  | 159   | 215  | 159   | 133  | 177   | 228  | 185   | 140  | 184   | 239  | 189   |  |  |  |
| 95                 | 93.5 | 101  | 134  | 103  | 91.7 | 95.1  | 127  | 96.2  | 94.9 | 101   | 136  | 102   | 96.5 | 107   | 142  | 109   |  |  |  |
| 100                | 68.6 | 67.1 | 46.9 | 51.0 | 60.9 | 49.5  | 23.2 | 55.0  | 69.4 | 57.8  | 34.4 | 58.0  | 70.2 | 58.9  | 59.9 | 71.1  |  |  |  |
| 105                | 50.2 | 40.6 | 26.5 | 10.6 | 10.7 | 11.0  | 12.7 | 10.8  | 23.0 | 14.2  | 14.3 | 14.3  | 16.1 | 14.0  | 28.1 | 45.0  |  |  |  |
| 110                | 39.2 | 32.0 | 17.5 | 18.6 | 11.9 | 18.2  | 14.0 | 14.1  | 15.3 | 15.7  | 16.7 | 18.5  | 15.1 | 17.6  | 21.5 | 36.1  |  |  |  |
| 115                | 30.5 | 23.0 | 13.0 | 16.5 | 22.2 | 16.9  | 13.0 | 13.1  | 19.4 | 16.3  | 16.0 | 18.9  | 23.7 | 19.0  | 16.0 | 26.5  |  |  |  |
| 120                | 14.3 | 14.1 | 14.1 | 14.2 | 14.1 | 14.1  | 14.4 | 14.2  | 17.4 | 17.2  | 17.5 | 17.0  | 17.2 | 17.1  | 17.0 | 17.0  |  |  |  |
| 125                | 15.1 | 15.0 | 15.3 | 15.3 | 15.1 | 15.1  | 15.3 | 17.3  | 18.0 | 20.1  | 17.9 | 17.8  | 17.8 | 17.9  | 17.9 | 17.7  |  |  |  |
| 130                | 16.0 | 16.1 | 16.5 | 16.4 | 16.2 | 16.3  | 16.6 | 16.5  | 19.1 | 18.9  | 18.9 | 18.6  | 18.6 | 18.8  | 18.8 | 18.5  |  |  |  |
| 135                | 17.1 | 17.3 | 17.8 | 17.5 | 17.3 | 17.5  | 17.9 | 17.6  | 19.5 | 19.6  | 19.8 | 19.5  | 19.3 | 19.5  | 19.7 | 19.4  |  |  |  |
| 140                | 18.3 | 18.5 | 18.9 | 18.6 | 18.4 | 18.7  | 19.0 | 18.7  | 20.3 | 20.4  | 20.6 | 20.4  | 20.1 | 20.3  | 20.5 | 20.3  |  |  |  |
| 145                | 19.3 | 19.5 | 19.9 | 19.6 | 19.4 | 19.6  | 20.0 | 19.7  | 21.0 | 21.1  | 21.3 | 21.1  | 20.9 | 21.0  | 21.2 | 21.0  |  |  |  |
| 150                | 20.2 | 20.4 | 20.6 | 20.4 | 20.3 | 20.4  | 20.7 | 20.5  | 21.7 | 21.7  | 21.8 | 21.7  | 21.6 | 21.6  | 21.7 | 21.6  |  |  |  |
| 155                | 20.9 | 21.0 | 21.1 | 21.1 | 21.0 | 21.0  | 21.1 | 21.1  | 22.2 | 22.1  | 22.2 | 22.1  | 22.0 | 22.1  | 22.1 | 22.1  |  |  |  |
| 160                | 21.4 | 21.4 | 21.5 | 21.5 | 21.5 | 21.4  | 21.5 | 21.5  | 22.4 | 22.3  | 22.2 | 22.2  | 22.2 | 22.3  | 22.3 | 22.2  |  |  |  |
| 165                | 21.9 | 21.9 | 21.9 | 21.9 | 21.9 | 21.8  | 21.8 | 21.9  | 22.4 | 22.4  | 22.3 | 22.3  | 22.4 | 22.4  | 22.3 | 22.3  |  |  |  |
| 170                | 22.1 | 22.1 | 22.2 | 22.2 | 22.2 | 22.1  | 22.1 | 22.1  | 22.4 | 22.4  | 22.4 | 22.3  | 22.4 | 22.5  | 22.4 | 22.3  |  |  |  |
| 175                | 22.4 | 22.4 | 22.5 | 22.4 | 22.3 | 22.3  | 22.4 | 22.3  | 22.5 | 22.5  | 22.5 | 22.4  | 22.4 | 22.5  | 22.5 | 22.4  |  |  |  |
| 180                | 22.6 | 22.6 | 22.6 | 22.5 | 22.5 | 22.5  | 22.6 | 22.5  | 22.6 | 22.5  | 22.6 | 22.5  | 22.5 | 22.5  | 22.5 | 22.5  |  |  |  |

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:2023-05-05

☐ Range: 0 - 180DEG  
☐ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:9.680m [K=1.0000]  
Remarks: