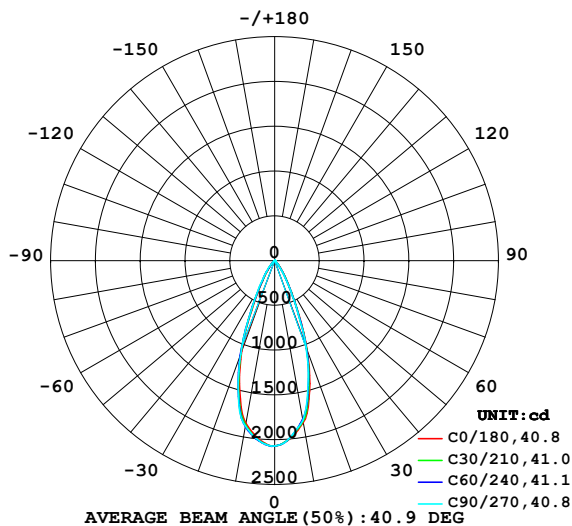


## LUMINAIRE PHOTOMETRIC TEST REPORT

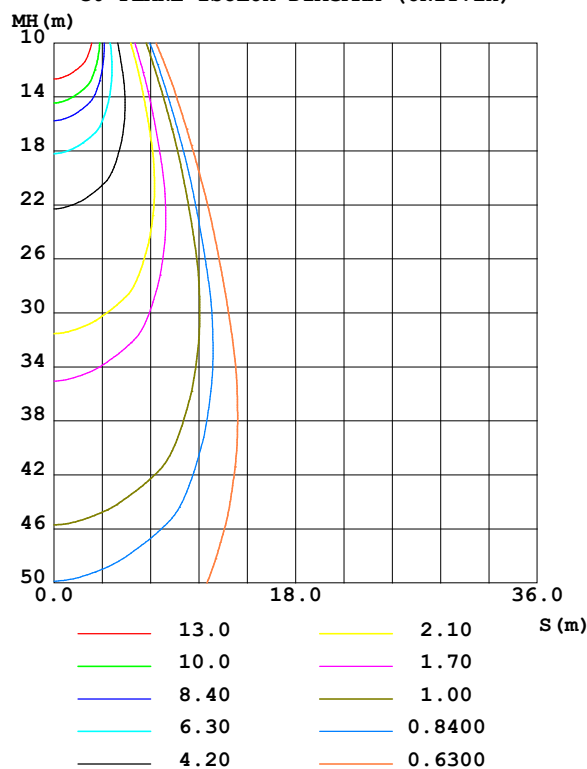
|                                                                                     |       |                  |
|-------------------------------------------------------------------------------------|-------|------------------|
| Test:U:220.35V I:0.0993A P:11.948W PF:0.5458 Freq:50.00Hz<br>Lamp Flux:1027.22x1 lm |       |                  |
| NAME:                                                                               | TYPE: | WEIGHT:          |
| SPEC.:                                                                              | DIM.: | SERIAL No.:      |
| MFR.: EVERFINE                                                                      | SUR.: | Shielding Angle: |

| DATA OF LAMP     |         | PHOTOMETRIC DATA Eff: 85.98 lm/W |        |                        |          |
|------------------|---------|----------------------------------|--------|------------------------|----------|
| MODEL            | 328S    | Imax (cd)                        | 2072   | S/MH(C0/180)           | 0.64     |
| NOMINAL POWER(W) | 12      | LOR(%)                           | 100.0  | S/MH(C90/270)          | 0.65     |
| RATED VOLTAGE(V) | 220     | TOTAL FLUX(lm)                   | 1027.2 | $\eta$ UP,DN(C0-180)   | 0.0,48.5 |
| NOMINAL FLUX(lm) | 1027.22 | CIE CLASS                        | DIRECT | $\eta$ UP,DN(C180-360) | 0.0,51.5 |
| LAMPS INSIDE     | 1       | $\eta$ up (%)                    | 0.0    | CIBSE SHR NOM          | 0.50     |
| TEST VOLTAGE(V)  | 219.5   | $\eta$ down (%)                  | 100.0  | CIBSE SHR MAX          | 0.65     |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2024-04-19

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
Humidity:65.0%  
Test Distance:9.401m [K=1.0000]  
Remarks:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

| $\gamma$ | C0                    | C45    | C90    | C135  | C180   | C225   | C270   | C315   | $\gamma$ | $\Phi$ zone | $\Phi$ total | %lum, lamp |
|----------|-----------------------|--------|--------|-------|--------|--------|--------|--------|----------|-------------|--------------|------------|
| 10       | 1836                  | 1812   | 1811   | 1808  | 1846   | 1872   | 1876   | 1863   | 0- 10    | 185.8       | 185.8        | 18.1,18.1  |
| 20       | 1063                  | 1054   | 1030   | 1051  | 1076   | 1115   | 1117   | 1104   | 10- 20   | 412.3       | 598.1        | 58.2,58.2  |
| 30       | 309.3                 | 307.7  | 291.1  | 307.4 | 309.4  | 327.2  | 350.0  | 340.6  | 20- 30   | 287.6       | 885.7        | 86.2,86.2  |
| 40       | 85.64                 | 77.40  | 72.48  | 76.23 | 80.49  | 89.32  | 100.9  | 98.08  | 30- 40   | 108.3       | 994.0        | 96.8,96.8  |
| 50       | 9.553                 | 8.871  | 9.171  | 9.256 | 9.605  | 10.86  | 12.33  | 11.14  | 40- 50   | 29.79       | 1024         | 99.7,99.7  |
| 60       | 0.8181                | 0.9476 | 0.6174 | 1.008 | 0.6730 | 1.144  | 0.6977 | 0.9760 | 50- 60   | 3.214       | 1027         | 100,100    |
| 70       | 0                     | 0      | 0      | 0     | 0      | 0.0002 | 0      | 0.0002 | 60- 70   | 0.2641      | 1027         | 100,100    |
| 80       | 0                     | 0      | 0      | 0     | 0      | 0      | 0      | 0      | 70- 80   | 0.0000      | 1027         | 100,100    |
| 90       | 0                     | 0      | 0      | 0     | 0      | 0      | 0      | 0      | 80- 90   | 0           | 1027         | 100,100    |
| 100      |                       |        |        |       |        |        |        |        | 90-100   |             |              |            |
| 110      |                       |        |        |       |        |        |        |        | 100-110  |             |              |            |
| 120      |                       |        |        |       |        |        |        |        | 110-120  |             |              |            |
| 130      |                       |        |        |       |        |        |        |        | 120-130  |             |              |            |
| 140      |                       |        |        |       |        |        |        |        | 130-140  |             |              |            |
| 150      |                       |        |        |       |        |        |        |        | 140-150  |             |              |            |
| 160      |                       |        |        |       |        |        |        |        | 150-160  |             |              |            |
| 170      |                       |        |        |       |        |        |        |        | 160-170  |             |              |            |
| 180      |                       |        |        |       |        |        |        |        | 170-180  |             |              |            |
| DEG      | LUMINOUS INTENSITY:cd |        |        |       |        |        |        |        |          | UNIT:lm     |              |            |

Conical surface Flux(90deg): 1015.9 lm

%lum = 98.9%

%lamp = 98.9%

Conical surface Flux(130deg): 1027.2 lm

%lum = 100.0%

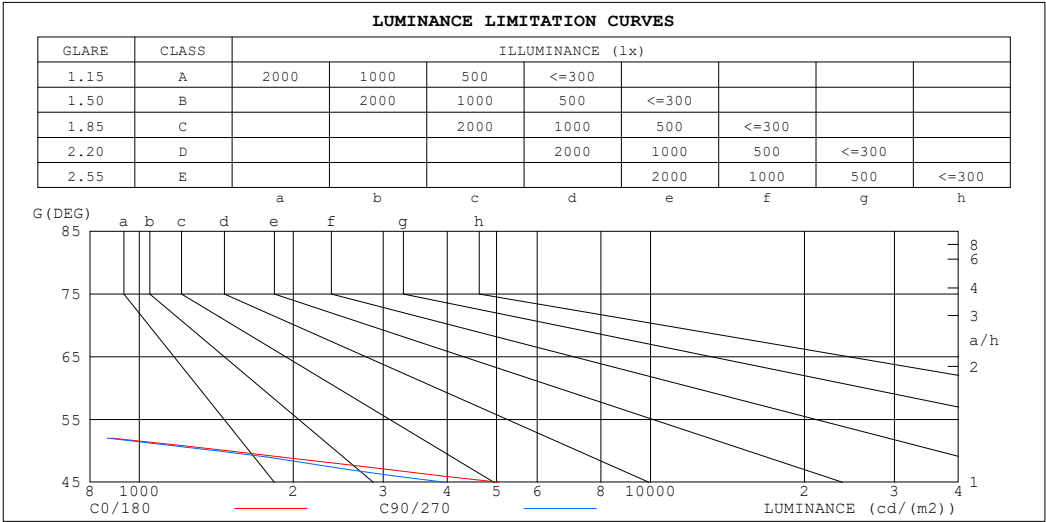
%lamp = 100.0%

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2024-04-19

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity:65.0%  
 Test Distance:9.401m [K=1.0000]  
 Remarks:

LUMINANCE LIMITATION CURVES

|                                                                                     |       |                  |
|-------------------------------------------------------------------------------------|-------|------------------|
| Test:U:220.35V I:0.0993A P:11.948W PF:0.5458 Freq:50.00Hz<br>Lamp Flux:1027.22x1 lm |       |                  |
| NAME:                                                                               | TYPE: | WEIGHT:          |
| SPEC.:                                                                              | DIM.: | SERIAL No.:      |
| MFR.: EVERFINE                                                                      | SUR.: | Shielding Angle: |



| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G (DEG)           | C0/180 | C90/270 |
| 85                | 0      | 0       |
| 80                | 0      | 0       |
| 75                | 0      | 0       |
| 70                | 0      | 0       |
| 65                | 12     | 0       |
| 60                | 165    | 123     |
| 55                | 415    | 472     |
| 50                | 1500   | 1424    |
| 45                | 5058   | 3970    |

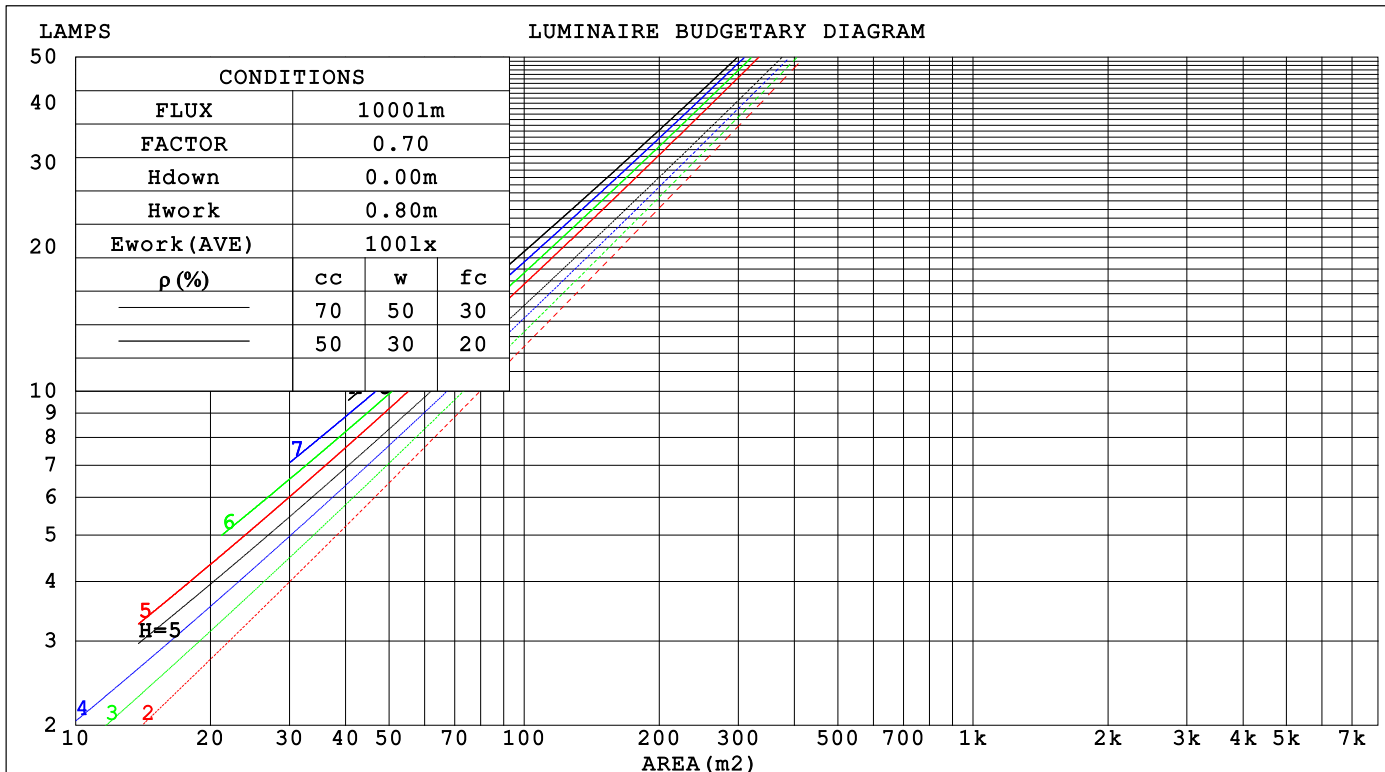
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2024-04-19

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
Humidity:65.0%  
Test Distance:9.401m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

|                                                                                     |       |                  |
|-------------------------------------------------------------------------------------|-------|------------------|
| Test:U:220.35V I:0.0993A P:11.948W PF:0.5458 Freq:50.00Hz<br>Lamp Flux:1027.22x1 lm |       |                  |
| NAME:                                                                               | TYPE: | WEIGHT:          |
| SPEC.:                                                                              | DIM.: | SERIAL No.:      |
| MFR.: EVERFINE                                                                      | SUR.: | Shielding Angle: |

| pcc             | 80%                   |     |     | 70% |     |     | 50% |     |     | 30% |     |     | 10% |     |     | 0 |
|-----------------|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|
| p <sub>w</sub>  | 50%                   | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| p <sub>fc</sub> | 20%                   |     |     | 20% |     |     | 20% |     |     | 20% |     |     | 20% |     |     | 0 |
| RCR             | RCR:Room Cavity Ratio |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:2024-04-19

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
Humidity:65.0%  
Test Distance:9.401m [K=1.0000]  
Remarks:

### WEC AND CCEC

|                                                                                     |       |                  |
|-------------------------------------------------------------------------------------|-------|------------------|
| Test:U:220.35V I:0.0993A P:11.948W PF:0.5458 Freq:50.00Hz<br>Lamp Flux:1027.22x1 lm |       |                  |
| NAME:                                                                               | TYPE: | WEIGHT:          |
| SPEC.:                                                                              | DIM.: | SERIAL No.:      |
| MFR.: EVERFINE                                                                      | 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 |  |
| pfc  | 20%                   |      |      | 20%  |      |      | 20%                             |      |      | 20%  |      |      | 20%  |      |      | 0 |  |
| RCR  | RCR:Room Cavity Ratio |      |      |      |      |      | Wall Exitance Coefficients(WEC) |      |      |      |      |      |      |      |      |   |  |
| 0.0  |                       |      |      |      |      |      |                                 |      |      |      |      |      |      |      |      |   |  |
| 1.0  | .157                  | .090 | .028 | .151 | .086 | .027 | .138                            | .079 | .025 | .127 | .073 | .023 | .116 | .067 | .022 |   |  |
| 2.0  | .149                  | .082 | .025 | .143 | .079 | .024 | .133                            | .074 | .023 | .123 | .069 | .022 | .114 | .065 | .020 |   |  |
| 3.0  | .141                  | .075 | .022 | .136 | .073 | .022 | .127                            | .069 | .021 | .119 | .065 | .020 | .112 | .062 | .019 |   |  |
| 4.0  | .133                  | .069 | .020 | .129 | .068 | .020 | .122                            | .065 | .019 | .115 | .062 | .019 | .109 | .059 | .018 |   |  |
| 5.0  | .127                  | .065 | .019 | .124 | .063 | .018 | .117                            | .061 | .018 | .111 | .059 | .017 | .105 | .056 | .017 |   |  |
| 6.0  | .121                  | .061 | .017 | .118 | .060 | .017 | .112                            | .058 | .017 | .107 | .056 | .016 | .102 | .054 | .016 |   |  |
| 7.0  | .116                  | .057 | .016 | .113 | .056 | .016 | .108                            | .055 | .016 | .103 | .053 | .015 | .099 | .051 | .015 |   |  |
| 8.0  | .111                  | .054 | .015 | .108 | .053 | .015 | .104                            | .052 | .015 | .100 | .051 | .015 | .096 | .049 | .014 |   |  |
| 9.0  | .106                  | .051 | .014 | .104 | .051 | .014 | .100                            | .050 | .014 | .097 | .048 | .014 | .093 | .047 | .014 |   |  |
| 10.0 | .102                  | .049 | .014 | .100 | .048 | .014 | .097                            | .047 | .013 | .093 | .046 | .013 | .090 | .045 | .013 |   |  |

| pcc  | 80%                   |      |      | 70%  |      |      | 50%                                         |      |      | 30%  |      |      | 10%  |      |      | 0 |  |
|------|-----------------------|------|------|------|------|------|---------------------------------------------|------|------|------|------|------|------|------|------|---|--|
| pw   | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%                                         | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |  |
| pfc  | 20%                   |      |      | 20%  |      |      | 20%                                         |      |      | 20%  |      |      | 20%  |      |      | 0 |  |
| RCR  | RCR:Room Cavity Ratio |      |      |      |      |      | Ceiling Cavity Exitance Coefficients (CCEC) |      |      |      |      |      |      |      |      |   |  |
| 0.0  | .190                  | .190 | .190 | .163 | .163 | .163 | .111                                        | .111 | .111 | .064 | .064 | .064 | .020 | .020 | .020 |   |  |
| 1.0  | .170                  | .157 | .146 | .145 | .135 | .126 | .099                                        | .093 | .087 | .057 | .054 | .051 | .018 | .017 | .016 |   |  |
| 2.0  | .153                  | .133 | .115 | .131 | .114 | .100 | .090                                        | .079 | .070 | .052 | .046 | .041 | .017 | .015 | .013 |   |  |
| 3.0  | .140                  | .113 | .093 | .120 | .098 | .080 | .082                                        | .068 | .056 | .047 | .040 | .033 | .015 | .013 | .011 |   |  |
| 4.0  | .128                  | .098 | .076 | .110 | .085 | .066 | .076                                        | .059 | .046 | .044 | .035 | .027 | .014 | .011 | .009 |   |  |
| 5.0  | .119                  | .086 | .063 | .102 | .075 | .054 | .070                                        | .052 | .038 | .041 | .031 | .023 | .013 | .010 | .008 |   |  |
| 6.0  | .111                  | .077 | .052 | .095 | .067 | .046 | .066                                        | .047 | .032 | .038 | .027 | .019 | .012 | .009 | .006 |   |  |
| 7.0  | .104                  | .069 | .045 | .089 | .060 | .039 | .062                                        | .042 | .028 | .036 | .025 | .016 | .012 | .008 | .005 |   |  |
| 8.0  | .098                  | .063 | .038 | .084 | .054 | .033 | .058                                        | .038 | .024 | .034 | .022 | .014 | .011 | .007 | .005 |   |  |
| 9.0  | .093                  | .057 | .033 | .080 | .050 | .029 | .055                                        | .035 | .021 | .032 | .021 | .012 | .010 | .007 | .004 |   |  |
| 10.0 | .088                  | .053 | .029 | .076 | .046 | .025 | .053                                        | .032 | .018 | .031 | .019 | .011 | .010 | .006 | .004 |   |  |

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:2024-04-19

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
Humidity:65.0%  
Test Distance:9.401m [K=1.0000]  
Remarks:

### UGR(Unified Glare Rating) Table

|                                                                                     |                  |      |       |      |      |                  |      |      |      |      |
|-------------------------------------------------------------------------------------|------------------|------|-------|------|------|------------------|------|------|------|------|
| Test:U:220.35V I:0.0993A P:11.948W PF:0.5458 Freq:50.00Hz<br>Lamp Flux:1027.22x1 lm |                  |      |       |      |      |                  |      |      |      |      |
| NAME:                                                                               |                  |      | TYPE: |      |      | WEIGHT:          |      |      |      |      |
| SPEC.:                                                                              |                  |      | DIM.: |      |      | SERIAL No.:      |      |      |      |      |
| 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                                                                       | 11.5             | 12.3 | 11.7  | 12.5 | 12.6 | 11.0             | 11.8 | 11.2 | 11.9 | 12.1 |
| 3H                                                                                  | 11.4             | 12.1 | 11.6  | 12.3 | 12.5 | 10.8             | 11.5 | 11.0 | 11.7 | 11.9 |
| 4H                                                                                  | 11.3             | 12.0 | 11.5  | 12.2 | 12.4 | 10.7             | 11.4 | 11.0 | 11.6 | 11.8 |
| 6H                                                                                  | 11.2             | 11.9 | 11.5  | 12.1 | 12.3 | 10.6             | 11.3 | 10.9 | 11.5 | 11.8 |
| 8H                                                                                  | 11.1             | 11.8 | 11.4  | 12.0 | 12.3 | 10.6             | 11.2 | 10.9 | 11.5 | 11.7 |
| 12H                                                                                 | 11.1             | 11.7 | 11.4  | 12.0 | 12.2 | 10.5             | 11.1 | 10.8 | 11.4 | 11.7 |
| 4H 2H                                                                               | 11.3             | 12.0 | 11.5  | 12.2 | 12.4 | 10.7             | 11.4 | 11.0 | 11.6 | 11.8 |
| 3H                                                                                  | 11.1             | 11.7 | 11.4  | 12.0 | 12.2 | 10.5             | 11.1 | 10.8 | 11.4 | 11.7 |
| 4H                                                                                  | 11.0             | 11.6 | 11.3  | 11.9 | 12.2 | 10.4             | 11.0 | 10.8 | 11.3 | 11.6 |
| 6H                                                                                  | 10.9             | 11.4 | 11.3  | 11.7 | 12.1 | 10.3             | 10.8 | 10.7 | 11.2 | 11.5 |
| 8H                                                                                  | 10.9             | 11.3 | 11.2  | 11.7 | 12.0 | 10.3             | 10.7 | 10.7 | 11.1 | 11.5 |
| 12H                                                                                 | 10.8             | 11.2 | 11.2  | 11.6 | 12.0 | 10.2             | 10.7 | 10.6 | 11.0 | 11.4 |
| 8H 4H                                                                               | 10.9             | 11.3 | 11.2  | 11.7 | 12.0 | 10.3             | 10.7 | 10.7 | 11.1 | 11.5 |
| 6H                                                                                  | 10.7             | 11.1 | 11.2  | 11.5 | 11.9 | 10.2             | 10.6 | 10.6 | 10.9 | 11.4 |
| 8H                                                                                  | 10.7             | 11.0 | 11.1  | 11.4 | 11.9 | 10.1             | 10.5 | 10.6 | 10.9 | 11.3 |
| 12H                                                                                 | 10.6             | 10.9 | 11.1  | 11.4 | 11.8 | 10.1             | 10.4 | 10.5 | 10.8 | 11.3 |
| 12H 4H                                                                              | 10.8             | 11.2 | 11.2  | 11.6 | 12.0 | 10.2             | 10.7 | 10.6 | 11.0 | 11.4 |
| 6H                                                                                  | 10.7             | 11.0 | 11.1  | 11.4 | 11.9 | 10.1             | 10.5 | 10.6 | 10.9 | 11.3 |
| 8H                                                                                  | 10.6             | 10.9 | 11.1  | 11.4 | 11.8 | 10.1             | 10.4 | 10.5 | 10.8 | 11.3 |
| Variations with the observer position at spacings(CIE Pub.117):                     |                  |      |       |      |      |                  |      |      |      |      |
| S = 1.0H                                                                            | + 3.5 / -20.4    |      |       |      |      | + 3.2 / -18.6    |      |      |      |      |
| 1.5H                                                                                | + 5.8 / -15.3    |      |       |      |      | + 5.6 / -14.7    |      |      |      |      |
| 2.0H                                                                                | + 8.4 / -17.9    |      |       |      |      | + 7.7 / -16.6    |      |      |      |      |

CIE Pub.117, 1027 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.1)  
Area: 0.01 m2

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:2024-04-19

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
Humidity:65.0%  
Test Distance:9.401m [K=1.0000]  
Remarks:

### UTILIZATION FACTORS TABLE

|                                                                                     |       |                  |
|-------------------------------------------------------------------------------------|-------|------------------|
| Test:U:220.35V I:0.0993A P:11.948W PF:0.5458 Freq:50.00Hz<br>Lamp Flux:1027.22x1 lm |       |                  |
| NAME:                                                                               | TYPE: | WEIGHT:          |
| SPEC.:                                                                              | DIM.: | SERIAL No.:      |
| MFR.: EVERFINE                                                                      | SUR.: | Shielding Angle: |

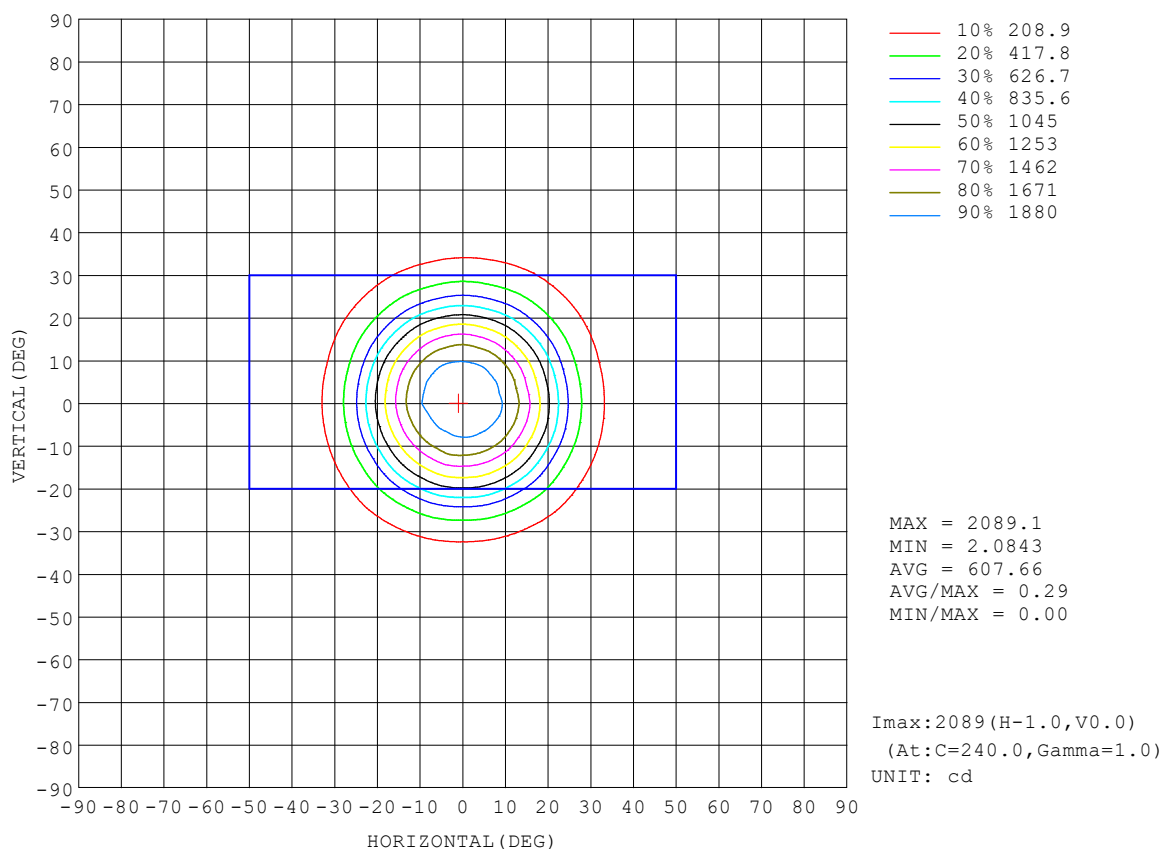
| REFLECTANCE                      |                                                      |     |           |     |     |     |     |               |     |        |
|----------------------------------|------------------------------------------------------|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| 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) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |               |     |        |
| $k = 0.60$                       | 90                                                   | 84  | 80        | 89  | 83  | 80  | 88  | 83            | 80  | 76     |
| 0.80                             | 97                                                   | 91  | 88        | 96  | 91  | 88  | 95  | 90            | 87  | 84     |
| 1.00                             | 101                                                  | 96  | 92        | 100 | 95  | 92  | 98  | 95            | 91  | 88     |
| 1.25                             | 105                                                  | 100 | 97        | 104 | 99  | 96  | 102 | 98            | 95  | 91     |
| 1.50                             | 107                                                  | 103 | 100       | 106 | 102 | 99  | 104 | 101           | 98  | 94     |
| 2.00                             | 109                                                  | 106 | 103       | 108 | 105 | 102 | 105 | 103           | 100 | 95     |
| 2.50                             | 111                                                  | 107 | 105       | 109 | 106 | 104 | 106 | 104           | 102 | 96     |
| 3.00                             | 112                                                  | 109 | 107       | 111 | 108 | 106 | 107 | 105           | 103 | 97     |
| 4.00                             | 114                                                  | 112 | 110       | 112 | 110 | 108 | 109 | 107           | 106 | 99     |
| 5.00                             | 115                                                  | 113 | 112       | 113 | 112 | 110 | 109 | 108           | 107 | 100    |
| 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: DAMIN  
Test Date: 2024-04-19

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
Humidity: 65.0%  
Test Distance: 9.401m [K=1.0000]  
Remarks:

## ISOCANDELA DIAGRAM

|                                                                                     |       |                  |
|-------------------------------------------------------------------------------------|-------|------------------|
| Test:U:220.35V I:0.0993A P:11.948W PF:0.5458 Freq:50.00Hz<br>Lamp Flux:1027.22x1 lm |       |                  |
| NAME:                                                                               | TYPE: | WEIGHT:          |
| SPEC.:                                                                              | DIM.: | SERIAL No.:      |
| MFR.: EVERFINE                                                                      | SUR.: | Shielding Angle: |



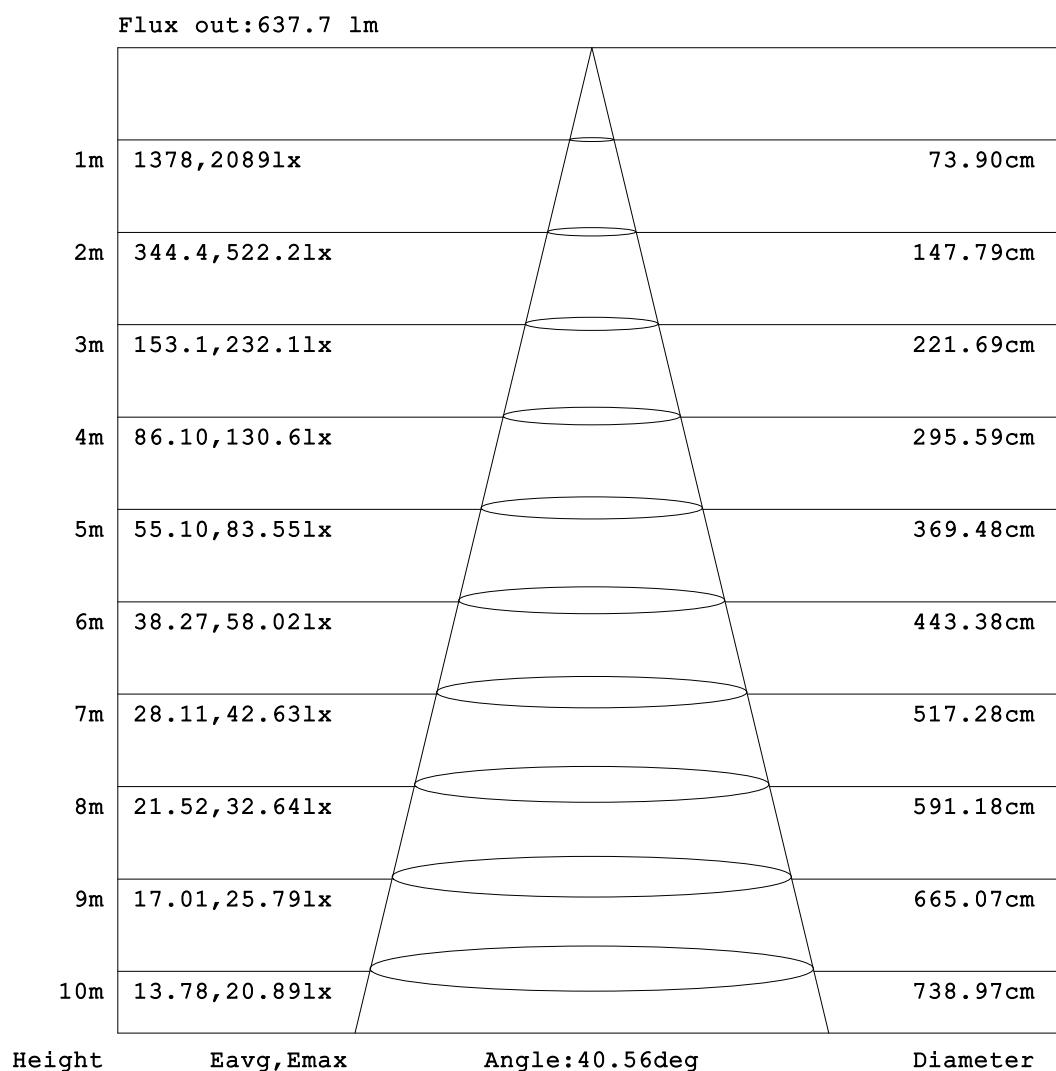
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2024-04-19

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
Humidity:65.0%  
Test Distance:9.401m [K=1.0000]  
Remarks:



### AAI Figure

|                                                                                     |       |                  |
|-------------------------------------------------------------------------------------|-------|------------------|
| Test:U:220.35V I:0.0993A P:11.948W PF:0.5458 Freq:50.00Hz<br>Lamp Flux:1027.22x1 lm |       |                  |
| NAME:                                                                               | TYPE: | WEIGHT:          |
| SPEC.:                                                                              | DIM.: | SERIAL No.:      |
| MFR.: EVERFINE                                                                      | SUR.: | Shielding Angle: |



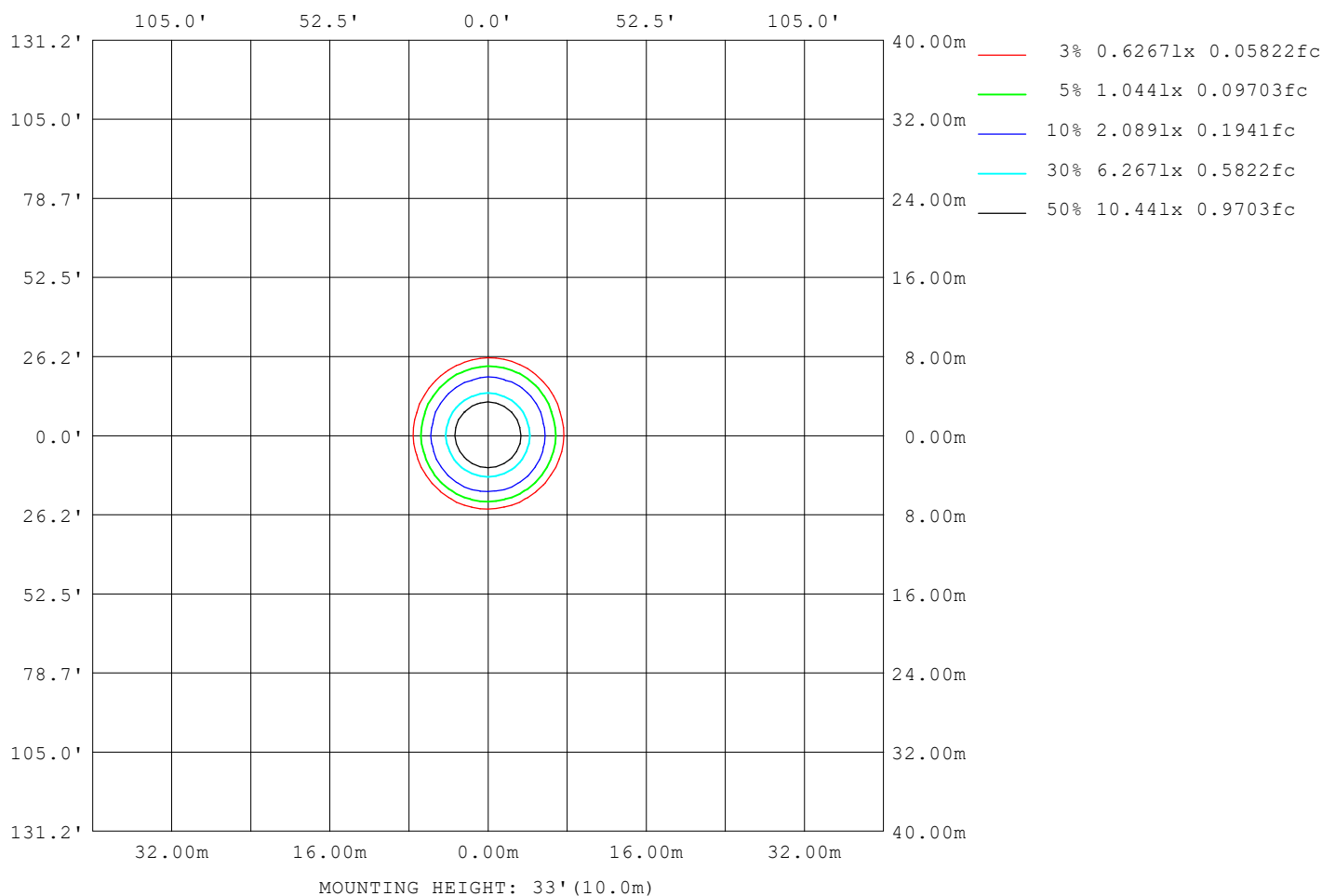
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2024-04-19

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
Humidity:65.0%  
Test Distance:9.401m [K=1.0000]  
Remarks:

# ISOLUX DIAGRAM

|                                                                                     |       |                  |
|-------------------------------------------------------------------------------------|-------|------------------|
| Test:U:220.35V I:0.0993A P:11.948W PF:0.5458 Freq:50.00Hz<br>Lamp Flux:1027.22x1 lm |       |                  |
| NAME:                                                                               | TYPE: | WEIGHT:          |
| SPEC.:                                                                              | DIM.: | SERIAL No.:      |
| MFR.: EVERFINE                                                                      | SUR.: | Shielding Angle: |



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2024-04-19

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
Humidity:65.0%  
Test Distance:9.401m [K=1.0000]  
Remarks:

### LED Avg.L Report

|                                                                                     |       |                  |
|-------------------------------------------------------------------------------------|-------|------------------|
| Test:U:220.35V I:0.0993A P:11.948W PF:0.5458 Freq:50.00Hz<br>Lamp Flux:1027.22x1 lm |       |                  |
| NAME:                                                                               | TYPE: | WEIGHT:          |
| SPEC.:                                                                              | DIM.: | SERIAL No.:      |
| MFR.: EVERFINE                                                                      | SUR.: | Shielding Angle: |

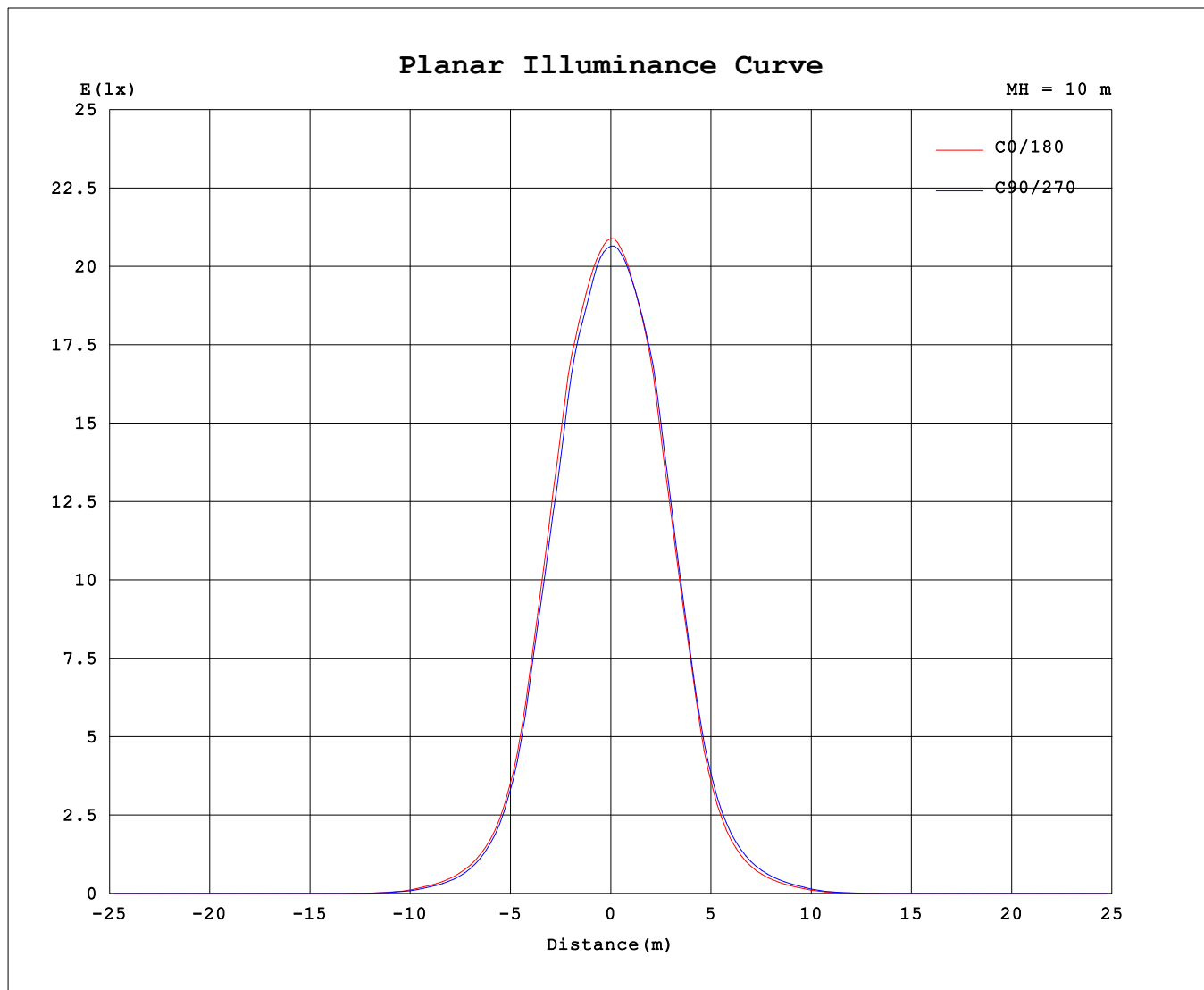
| AvgL             | cd/m2 |
|------------------|-------|
| L_0~180 (65) av  | 33    |
| L_0~180 (75) av  | 0     |
| L_0~180 (85) av  | 0     |
| L_90~270 (65) av | 1     |
| L_90~270 (75) av | 0     |
| L_90~270 (85) av | 0     |
| L_45 (65) av     | 68    |
| L_45 (75) av     | 0     |
| L_45 (85) av     | 0     |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:2024-04-19

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
Humidity:65.0%  
Test Distance:9.401m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: DAMIN  
Test Date: 2024-04-19

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
Humidity: 65.0%  
Test Distance: 9.401m [K=1.0000]  
Remarks:

|                                                                                     |       |                  |
|-------------------------------------------------------------------------------------|-------|------------------|
| Test:U:220.35V I:0.0993A P:11.948W PF:0.5458 Freq:50.00Hz<br>Lamp Flux:1027.22x1 lm |       |                  |
| NAME:                                                                               | TYPE: | WEIGHT:          |
| SPEC.:                                                                              | DIM.: | SERIAL No.:      |
| MFR.: EVERFINE                                                                      | SUR.: | Shielding Angle: |

UNIT: cd

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: DAMIN  
Test Date: 2024-04-19

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:9.401m [K=1.0000]
Remarks:

```

|                                                                                     |       |                  |
|-------------------------------------------------------------------------------------|-------|------------------|
| Test:U:220.35V I:0.0993A P:11.948W PF:0.5458 Freq:50.00Hz<br>Lamp Flux:1027.22x1 lm |       |                  |
| NAME:                                                                               | TYPE: | WEIGHT:          |
| SPEC.:                                                                              | DIM.: | SERIAL No.:      |
| MFR.: EVERFINE                                                                      | SUR.: | Shielding Angle: |

UNIT: cd

[illegible]

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:9.401m [K=1.0000]
Remarks:

```