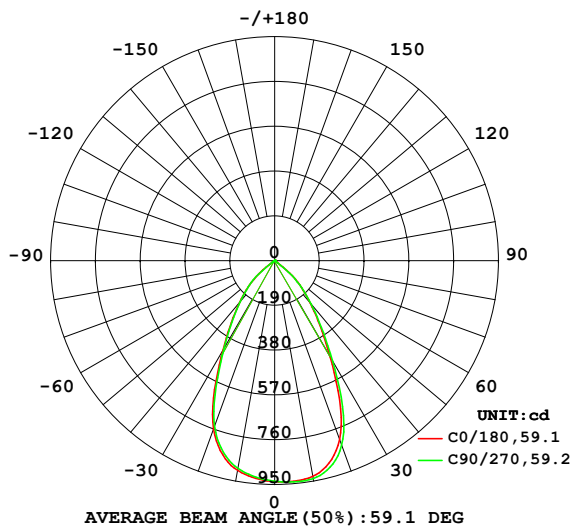


## LUMINAIRE PHOTOMETRIC TEST REPORT

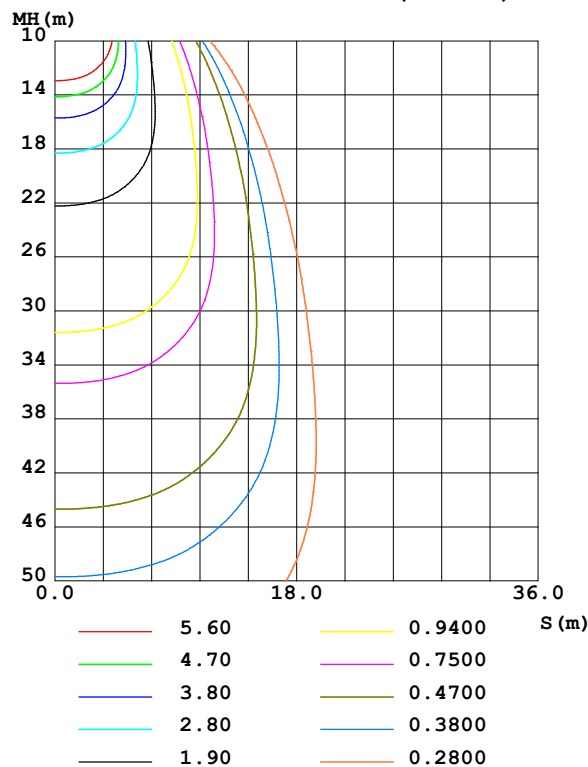
|                                                                                    |       |                  |
|------------------------------------------------------------------------------------|-------|------------------|
| Test:U:230.31V I:0.0348A P:7.5W PF:0.9265 Freq:50.00Hz<br>Lamp Flux:900x1 lm       |       |                  |
| SGS SKU: 0017440188                                                                | TYPE: | WEIGHT:          |
| SPEC.:D170*59mm Downlight,White,220-240v,7.5w ,<br>900lm,120lm/w,3500K,CRI>80,IP44 | DIM.: | SERIAL No.:      |
| MFR.: TOSPO                                                                        | SUR.: | Shielding Angle: |

| DATA OF LAMP     |     | PHOTOMETRIC DATA Eff: 120 lm/W |        |                        |          |
|------------------|-----|--------------------------------|--------|------------------------|----------|
| MODEL            |     | Imax (cd)                      | 942.5  | S/MH(C0/180)           | 0.89     |
| NOMINAL POWER(W) |     | LOR(%)                         | 100.0  | S/MH(C90/270)          | 0.88     |
| RATED VOLTAGE(V) |     | TOTAL FLUX(lm)                 | 900    | $\eta$ UP,DN(C0-180)   | 0.0,51.5 |
| NOMINAL FLUX(lm) | 900 | CIE CLASS                      | DIRECT | $\eta$ UP,DN(C180-360) | 0.0,48.5 |
| LAMPS INSIDE     | 1   | $\eta$ up (%)                  | 0.0    | CIBSE SHR NOM          | 0.75     |
| TEST VOLTAGE(V)  |     | $\eta$ down (%)                | 100.0  | CIBSE SHR MAX          | 0.90     |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 90.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Testing Room  
Test Date:2024-08-07

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.00.471  
Humidity:25%  
Test Distance:11.050m [K=1.0000]  
Remarks:

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

| $\gamma$ | C0                    | C90    | C180   | C270   |  |  |  |  | $\gamma$ | $\Phi$ zone | $\Phi$ total | %lum, lamp |
|----------|-----------------------|--------|--------|--------|--|--|--|--|----------|-------------|--------------|------------|
| 10       | 929.8                 | 939.0  | 903.9  | 895.4  |  |  |  |  | 0- 10    | 88.54       | 88.54        | 9.05,9.05  |
| 20       | 807.1                 | 833.2  | 759.8  | 746.0  |  |  |  |  | 10- 20   | 243.6       | 332.1        | 34,34      |
| 30       | 471.1                 | 493.5  | 442.3  | 429.1  |  |  |  |  | 20- 30   | 286.0       | 618.1        | 63.2,63.2  |
| 40       | 237.8                 | 242.0  | 230.7  | 229.8  |  |  |  |  | 30- 40   | 207.9       | 826.0        | 84.5,84.5  |
| 50       | 84.08                 | 76.24  | 85.35  | 91.70  |  |  |  |  | 40- 50   | 123.2       | 949.2        | 97.1,97.1  |
| 60       | 5.940                 | 4.353  | 5.865  | 5.892  |  |  |  |  | 50- 60   | 21.22       | 970.4        | 99.2,99.2  |
| 70       | 3.114                 | 2.519  | 2.937  | 3.289  |  |  |  |  | 60- 70   | 3.762       | 974.2        | 99.6,99.6  |
| 80       | 2.081                 | 1.608  | 1.966  | 2.179  |  |  |  |  | 70- 80   | 2.558       | 976.8        | 99.9,99.9  |
| 90       | 0.0607                | 0.0607 | 0.0531 | 0.0531 |  |  |  |  | 80- 90   | 1.051       | 977.8        | 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): 898.77 lm

%lum = 91.9%

%lamp = 91.9%

Conical surface Flux(120deg): 970.43 lm

%lum = 99.2%

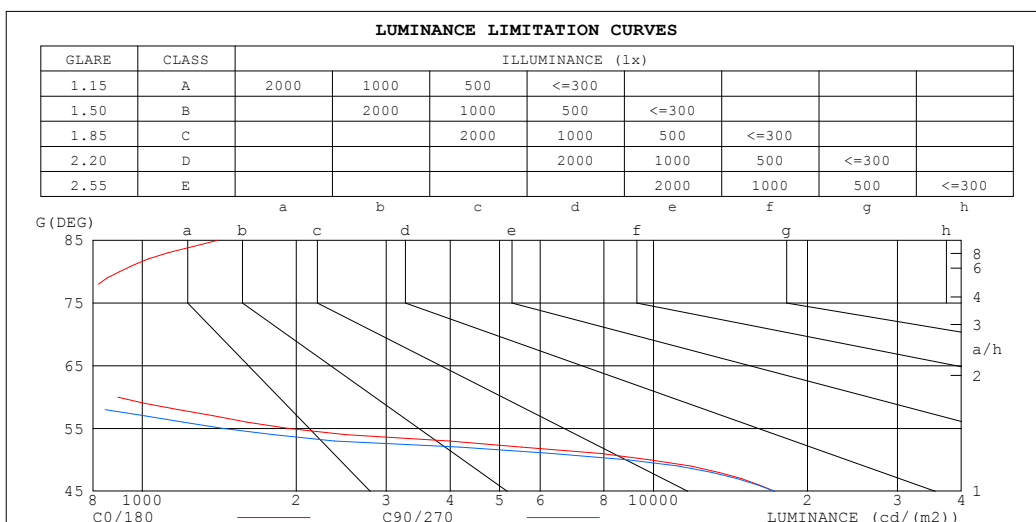
%lamp = 99.2%

C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:Testing Room  
 Test Date:2024-08-07

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.00.471  
 Humidity:25%  
 Test Distance:11.050m [K=1.0000]  
 Remarks:

### LUMINANCE LIMITATION CURVES

|                                                                                    |       |                  |
|------------------------------------------------------------------------------------|-------|------------------|
| Test:U:230.31V I:0.0348A P:7.5W PF:0.9265 Freq:50.00Hz<br>Lamp Flux:900x1 lm       |       |                  |
| SGS SKU: 0017440188                                                                | TYPE: | WEIGHT:          |
| SPEC.:D170*59mm Downlight,White,220-240v,7.5w ,<br>900lm,120lm/w,3500K,CRI>80,IP44 | DIM.: | SERIAL No.:      |
| MFR.: TOSPO                                                                        | SUR.: | Shielding Angle: |



| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G (DEG)           | C0/180 | C90/270 |
| 85                | 1405   | 59      |
| 80                | 903    | 698     |
| 75                | 743    | 581     |
| 70                | 686    | 555     |
| 65                | 678    | 567     |
| 60                | 895    | 656     |
| 55                | 1938   | 1445    |
| 50                | 9858   | 8938    |
| 45                | 17247  | 17269   |

C Range: 0 - 360DEG  
C Interval: 90.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:Testing Room  
Test Date:2024-08-07

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.00.471  
Humidity:25%  
Test Distance:11.050m [K=1.0000]  
Remarks:

### WEC AND CCEC

|                                                                                    |       |                  |
|------------------------------------------------------------------------------------|-------|------------------|
| Test:U:230.31V I:0.0348A P:7.5W PF:0.9265 Freq:50.00Hz                             |       |                  |
| Lamp Flux:900x1 lm                                                                 |       |                  |
| SGS SKU: 0017440188                                                                | TYPE: | WEIGHT:          |
| SPEC.:D170*59mm Downlight,White,220-240v,7.5w ,<br>900lm,120lm/w,3500K,CRI>80,IP44 | DIM.: | SERIAL No.:      |
| MFR.: TOSPO                                                                        | 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  | .189                  | .107 | .034 | .182 | .104 | .033 | .169 | .097 | .031 | .158 | .091 | .029 | .147 | .085 | .027 |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2.0  | .182                  | .100 | .031 | .176 | .097 | .030 | .166 | .092 | .029 | .156 | .087 | .027 | .147 | .083 | .026 |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3.0  | .174                  | .093 | .028 | .169 | .091 | .027 | .160 | .087 | .026 | .151 | .083 | .025 | .143 | .079 | .025 |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4.0  | .166                  | .086 | .025 | .162 | .085 | .025 | .154 | .082 | .024 | .146 | .079 | .024 | .139 | .076 | .023 |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5.0  | .158                  | .081 | .023 | .154 | .079 | .023 | .148 | .077 | .023 | .141 | .074 | .022 | .135 | .072 | .022 |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6.0  | .151                  | .076 | .022 | .148 | .075 | .021 | .141 | .073 | .021 | .136 | .071 | .021 | .130 | .069 | .020 |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7.0  | .144                  | .071 | .020 | .141 | .070 | .020 | .136 | .069 | .020 | .131 | .067 | .019 | .126 | .065 | .019 |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8.0  | .138                  | .067 | .019 | .135 | .067 | .019 | .130 | .065 | .019 | .126 | .064 | .018 | .121 | .062 | .018 |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9.0  | .132                  | .064 | .018 | .129 | .063 | .018 | .125 | .062 | .018 | .121 | .061 | .017 | .117 | .059 | .017 |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10.0 | .126                  | .060 | .017 | .124 | .060 | .017 | .120 | .059 | .017 | .116 | .058 | .016 | .113 | .057 | .016 |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

| 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  | .172                  | .157 | .144 | .147 | .135 | .124 | .101                                        | .093 | .086 | .058 | .054 | .050 | .019 | .017 | .016 |   |
| 2.0  | .158                  | .132 | .111 | .135 | .114 | .096 | .093                                        | .079 | .067 | .053 | .046 | .039 | .017 | .015 | .013 |   |
| 3.0  | .146                  | .114 | .088 | .125 | .098 | .076 | .086                                        | .068 | .053 | .050 | .040 | .032 | .016 | .013 | .010 |   |
| 4.0  | .136                  | .099 | .071 | .117 | .086 | .061 | .080                                        | .060 | .043 | .047 | .035 | .026 | .015 | .011 | .008 |   |
| 5.0  | .128                  | .088 | .058 | .110 | .076 | .050 | .076                                        | .053 | .036 | .044 | .031 | .021 | .014 | .010 | .007 |   |
| 6.0  | .121                  | .079 | .048 | .104 | .068 | .042 | .072                                        | .048 | .030 | .042 | .028 | .018 | .013 | .009 | .006 |   |
| 7.0  | .115                  | .071 | .041 | .099 | .062 | .035 | .068                                        | .043 | .025 | .040 | .025 | .015 | .013 | .008 | .005 |   |
| 8.0  | .109                  | .065 | .035 | .094 | .056 | .030 | .065                                        | .040 | .022 | .038 | .023 | .013 | .012 | .008 | .004 |   |
| 9.0  | .104                  | .060 | .030 | .090 | .052 | .026 | .062                                        | .037 | .019 | .036 | .022 | .011 | .012 | .007 | .004 |   |
| 10.0 | .100                  | .056 | .026 | .086 | .048 | .023 | .060                                        | .034 | .016 | .035 | .020 | .010 | .011 | .007 | .003 |   |

C Range: 0 - 360DEG

C Interval: 90.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:Testing Room

Test Date:2024-08-07

γ Range: 0 - 90DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.00.471

Humidity:25%

Test Distance:11.050m [K=1.0000]

Remarks:

### UGR(Unified Glare Rating) Table

|                                                                 |                  |      |      |      |       |                |      |                  |      |      |
|-----------------------------------------------------------------|------------------|------|------|------|-------|----------------|------|------------------|------|------|
| Test:U:230.31V I:0.0348A P:7.5W PF:0.9265 Freq:50.00Hz          |                  |      |      |      |       |                |      |                  |      |      |
| Lamp Flux:900x1 lm                                              |                  |      |      |      |       |                |      |                  |      |      |
| SGS SKU: 0017440188                                             |                  |      |      |      | TYPE: |                |      | WEIGHT:          |      |      |
| SPEC.:D170*59mm Downlight,White,220-240v,7.5w ,                 |                  |      |      |      | DIM.: |                |      | SERIAL No.:      |      |      |
| 900lm,120lm/w,3500K,CRI>80,IP44                                 |                  |      |      |      | SUR.: |                |      | Shielding Angle: |      |      |
| MFR.: TOSPO                                                     |                  |      |      |      |       |                |      |                  |      |      |
| 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                                                   | 17.7             | 18.7 | 17.9 | 18.9 | 19.1  | 17.7           | 18.7 | 17.9             | 18.9 | 19.1 |
| 3H                                                              | 17.5             | 18.5 | 17.8 | 18.7 | 18.9  | 17.5           | 18.5 | 17.8             | 18.7 | 18.9 |
| 4H                                                              | 17.5             | 18.3 | 17.7 | 18.6 | 18.8  | 17.5           | 18.4 | 17.7             | 18.6 | 18.8 |
| 6H                                                              | 17.4             | 18.2 | 17.7 | 18.5 | 18.7  | 17.4           | 18.2 | 17.7             | 18.5 | 18.7 |
| 8H                                                              | 17.3             | 18.1 | 17.7 | 18.4 | 18.7  | 17.3           | 18.1 | 17.7             | 18.4 | 18.7 |
| 12H                                                             | 17.3             | 18.1 | 17.6 | 18.4 | 18.6  | 17.3           | 18.1 | 17.6             | 18.3 | 18.6 |
| 4H 2H                                                           | 17.4             | 18.3 | 17.7 | 18.6 | 18.8  | 17.5           | 18.3 | 17.7             | 18.6 | 18.8 |
| 3H                                                              | 17.3             | 18.0 | 17.6 | 18.3 | 18.6  | 17.3           | 18.1 | 17.6             | 18.3 | 18.6 |
| 4H                                                              | 17.2             | 17.9 | 17.6 | 18.2 | 18.5  | 17.2           | 17.9 | 17.6             | 18.2 | 18.5 |
| 6H                                                              | 17.1             | 17.7 | 17.5 | 18.1 | 18.4  | 17.1           | 17.7 | 17.5             | 18.1 | 18.4 |
| 8H                                                              | 17.1             | 17.7 | 17.5 | 18.0 | 18.4  | 17.1           | 17.7 | 17.5             | 18.0 | 18.4 |
| 12H                                                             | 17.1             | 17.6 | 17.5 | 18.0 | 18.4  | 17.0           | 17.6 | 17.5             | 17.9 | 18.3 |
| 8H 4H                                                           | 17.1             | 17.6 | 17.5 | 18.0 | 18.4  | 17.1           | 17.6 | 17.5             | 18.0 | 18.4 |
| 6H                                                              | 17.0             | 17.5 | 17.4 | 17.9 | 18.3  | 17.0           | 17.5 | 17.4             | 17.9 | 18.3 |
| 8H                                                              | 17.0             | 17.4 | 17.4 | 17.8 | 18.3  | 17.0           | 17.4 | 17.4             | 17.8 | 18.2 |
| 12H                                                             | 17.0             | 17.3 | 17.4 | 17.8 | 18.2  | 16.9           | 17.3 | 17.4             | 17.7 | 18.2 |
| 12H 4H                                                          | 17.0             | 17.5 | 17.4 | 17.9 | 18.3  | 17.0           | 17.5 | 17.4             | 17.9 | 18.3 |
| 6H                                                              | 17.0             | 17.4 | 17.4 | 17.8 | 18.2  | 17.0           | 17.4 | 17.4             | 17.8 | 18.2 |
| 8H                                                              | 16.9             | 17.3 | 17.4 | 17.7 | 18.2  | 16.9           | 17.3 | 17.4             | 17.7 | 18.2 |
| Variations with the observer position at spacings(CIE Pub.117): |                  |      |      |      |       |                |      |                  |      |      |
| S = 1.0H                                                        | + 2.5 / -10.1    |      |      |      |       | + 2.5 / -11.3  |      |                  |      |      |
| 1.5H                                                            | + 3.0 / -10.4    |      |      |      |       | + 3.2 / -11.1  |      |                  |      |      |
| 2.0H                                                            | + 6.3 / - 9.2    |      |      |      |       | + 6.5 / -10.2  |      |                  |      |      |

CIE Pub.117, 977.8 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -0.1)  
Area: 0.01327 m2

C Range: 0 - 360DEG

C Interval: 90.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:Testing Room

Test Date:2024-08-07

γ Range: 0 - 90DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.00.471

Humidity:25%

Test Distance:11.050m [K=1.0000]

Remarks:

### UTILIZATION FACTORS TABLE

|                                                                                    |       |                  |
|------------------------------------------------------------------------------------|-------|------------------|
| Test:U:230.31V I:0.0348A P:7.5W PF:0.9265 Freq:50.00Hz<br>Lamp Flux:900x1 lm       |       |                  |
| SGS SKU: 0017440188                                                                | TYPE: | WEIGHT:          |
| SPEC.:D170*59mm Downlight,White,220-240v,7.5w ,<br>900lm,120lm/w,3500K,CRI>80,IP44 | DIM.: | SERIAL No.:      |
| MFR.: TOSPO                                                                        | SUR.: | Shielding Angle: |

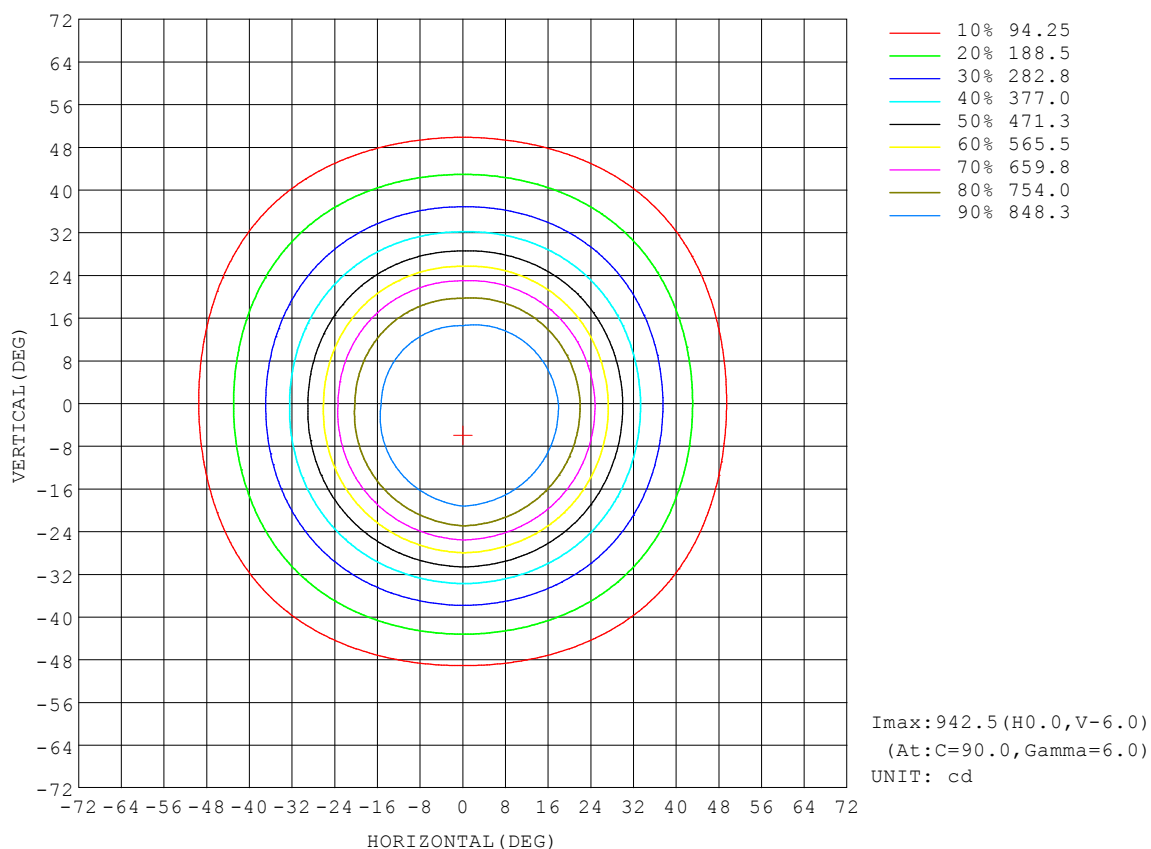
| REFLECTANCE                      |                                                      |     |           |     |     |     |     |              |     |        |
|----------------------------------|------------------------------------------------------|-----|-----------|-----|-----|-----|-----|--------------|-----|--------|
| 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) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |              |     |        |
| $k = 0.60$                       | 82                                                   | 74  | 70        | 81  | 74  | 70  | 80  | 74           | 70  | 66     |
| 0.80                             | 90                                                   | 83  | 79        | 89  | 83  | 79  | 88  | 82           | 78  | 74     |
| 1.00                             | 96                                                   | 89  | 85        | 95  | 89  | 85  | 93  | 89           | 84  | 80     |
| 1.25                             | 101                                                  | 95  | 91        | 99  | 94  | 90  | 97  | 93           | 90  | 85     |
| 1.50                             | 104                                                  | 98  | 95        | 102 | 98  | 94  | 100 | 96           | 93  | 88     |
| 2.00                             | 107                                                  | 102 | 99        | 106 | 101 | 98  | 103 | 99           | 97  | 91     |
| 2.50                             | 109                                                  | 105 | 101       | 107 | 103 | 100 | 104 | 101          | 99  | 92     |
| 3.00                             | 111                                                  | 107 | 104       | 109 | 105 | 103 | 105 | 103          | 101 | 94     |
| 4.00                             | 113                                                  | 110 | 107       | 111 | 108 | 106 | 107 | 105          | 103 | 96     |
| 5.00                             | 114                                                  | 112 | 109       | 112 | 110 | 108 | 108 | 106          | 105 | 97     |
| ROOM INDEX                       | UF (total)                                           |     |           |     |     |     |     |              |     | Direct |
| According to DIN EN 13032-2 2004 |                                                      |     | Suspended |     |     |     |     | SHRNM = 1.25 |     |        |

C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:Testing Room  
 Test Date:2024-08-07

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.00.471  
 Humidity:25%  
 Test Distance:11.050m [K=1.0000]  
 Remarks:

## ISOCANDELA DIAGRAM

|                                                                                    |       |                  |
|------------------------------------------------------------------------------------|-------|------------------|
| Test:U:230.31V I:0.0348A P:7.5W PF:0.9265 Freq:50.00Hz<br>Lamp Flux:900x1 lm       |       |                  |
| SGS SKU: 0017440188                                                                | TYPE: | WEIGHT:          |
| SPEC.:D170*59mm Downlight,White,220-240v,7.5w ,<br>900lm,120lm/w,3500K,CRI>80,IP44 | DIM.: | SERIAL No.:      |
| MFR.: TOSPO                                                                        | SUR.: | Shielding Angle: |

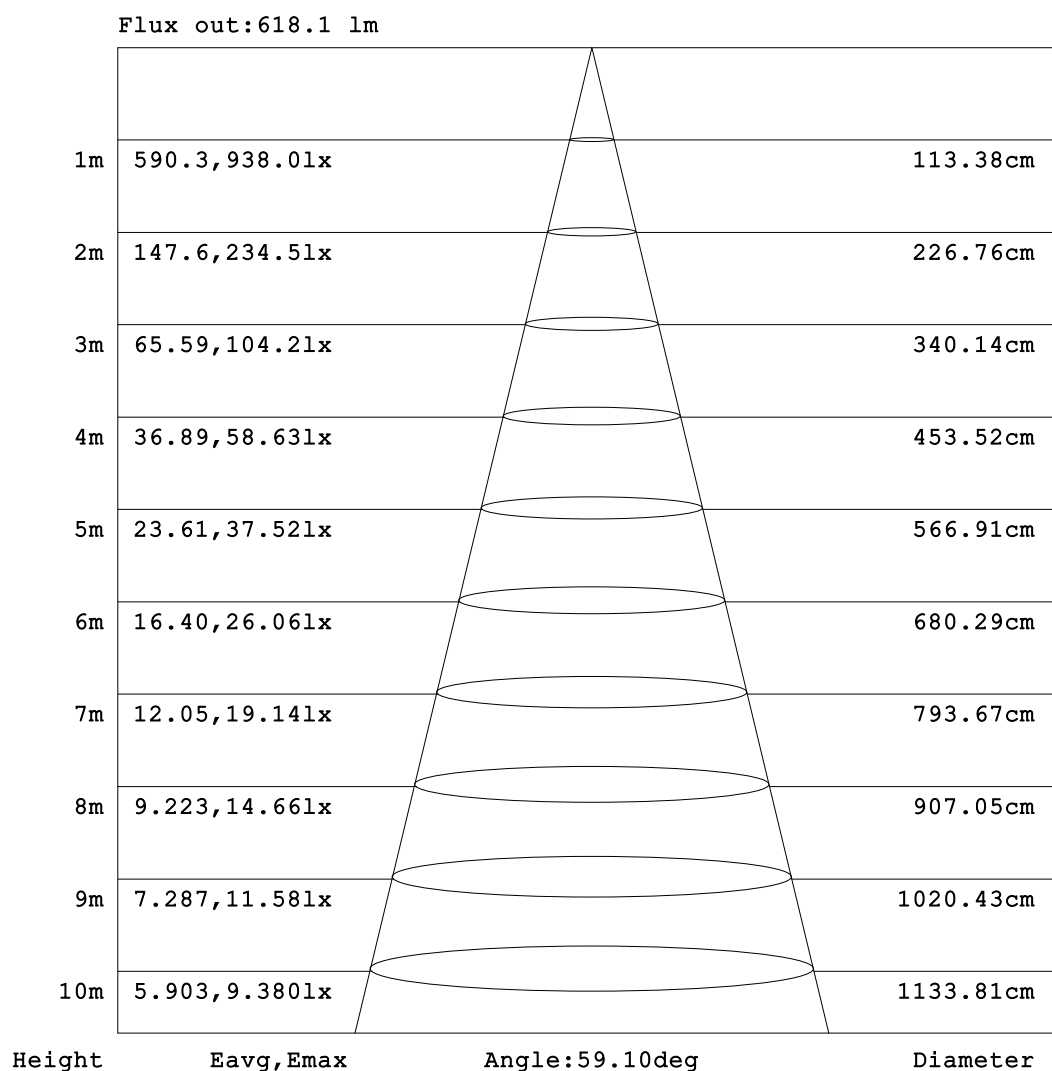


C Range: 0 - 360DEG  
C Interval: 90.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:Testing Room  
Test Date:2024-08-07

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.00.471  
Humidity:25%  
Test Distance:11.050m [K=1.0000]  
Remarks:

### AAI Figure

|                                                                                    |       |                  |
|------------------------------------------------------------------------------------|-------|------------------|
| Test:U:230.31V I:0.0348A P:7.5W PF:0.9265 Freq:50.00Hz<br>Lamp Flux:900x1 lm       |       |                  |
| SGS SKU: 0017440188                                                                | TYPE: | WEIGHT:          |
| SPEC.:D170*59mm Downlight,White,220-240v,7.5w ,<br>900lm,120lm/w,3500K,CRI>80,IP44 | DIM.: | SERIAL No.:      |
| MFR.: TOSPO                                                                        | 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: 90.0DEG

Test Speed: HIGH

Temperature:25.3°C

Operators:Testing Room

Test Date:2024-08-07

γ Range: 0 - 90DEG

γ Interval: 1.0DEG

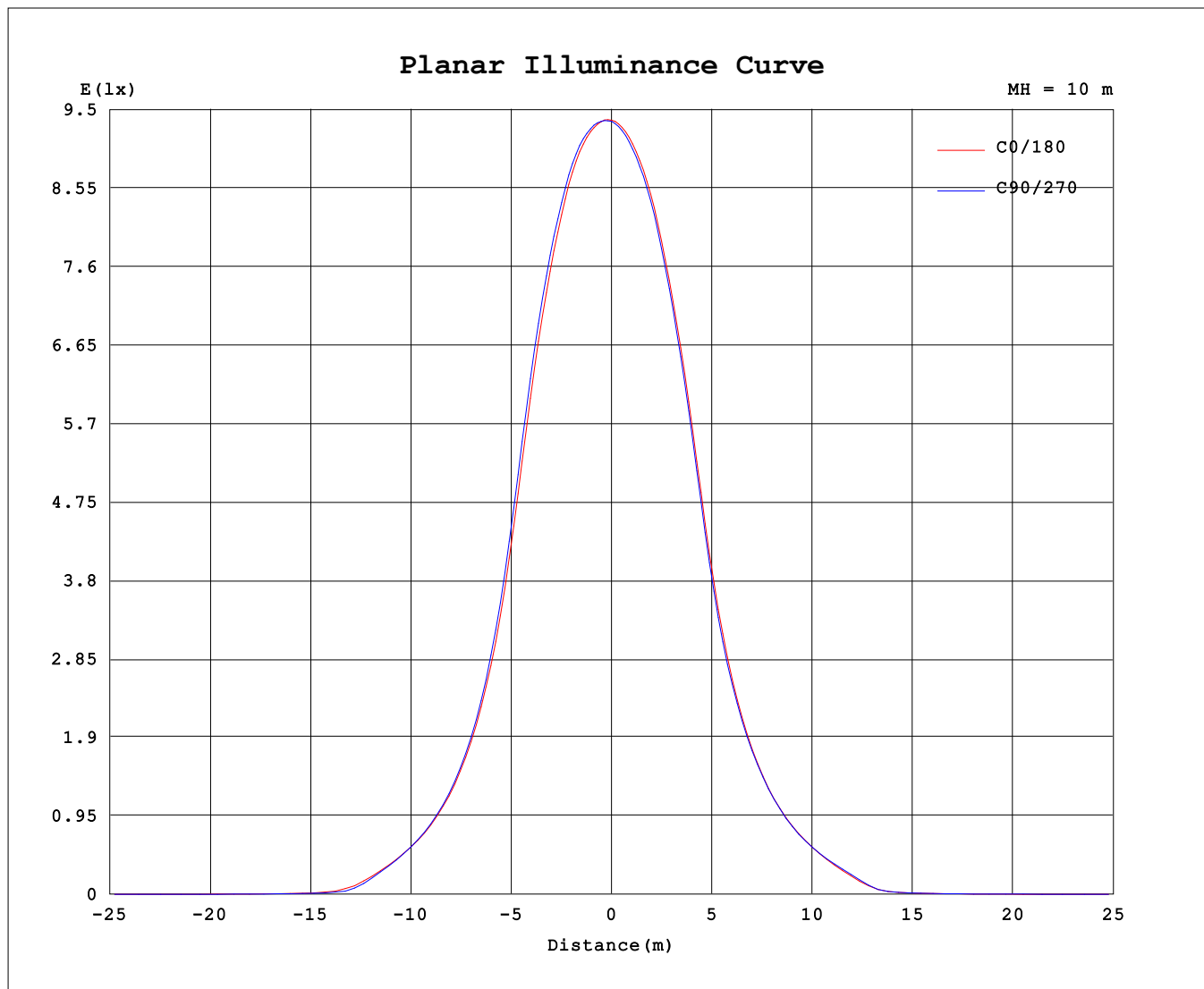
Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.00.471

Humidity:25%

Test Distance:11.050m [K=1.0000]

Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators: Testing Room  
 Test Date: 2024-08-07

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000H\_V1 SYSTEM V2.00.471  
 Humidity: 25%  
 Test Distance: 11.050m [K=1.0000]  
 Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                                    |       |                  |
|------------------------------------------------------------------------------------|-------|------------------|
| Test:U:230.31V I:0.0348A P:7.5W PF:0.9265 Freq:50.00Hz<br>Lamp Flux:900x1 lm       |       |                  |
| SGS SKU: 0017440188                                                                | TYPE: | WEIGHT:          |
| SPEC.:D170*59mm Downlight,White,220-240v,7.5w ,<br>900lm,120lm/w,3500K,CRI>80,IP44 | DIM.: | SERIAL No.:      |
| MFR.: TOSPO                                                                        | SUR.: | Shielding Angle: |

Table--1

UNIT: cd

[illegible]

C Range: 0 - 360DEG  
C Interval: 90.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: Testing Room  
Test Date: 2024-08-07

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.471
Humidity:25%
Test Distance:11.050m [K=1.0000]
Remarks:

```