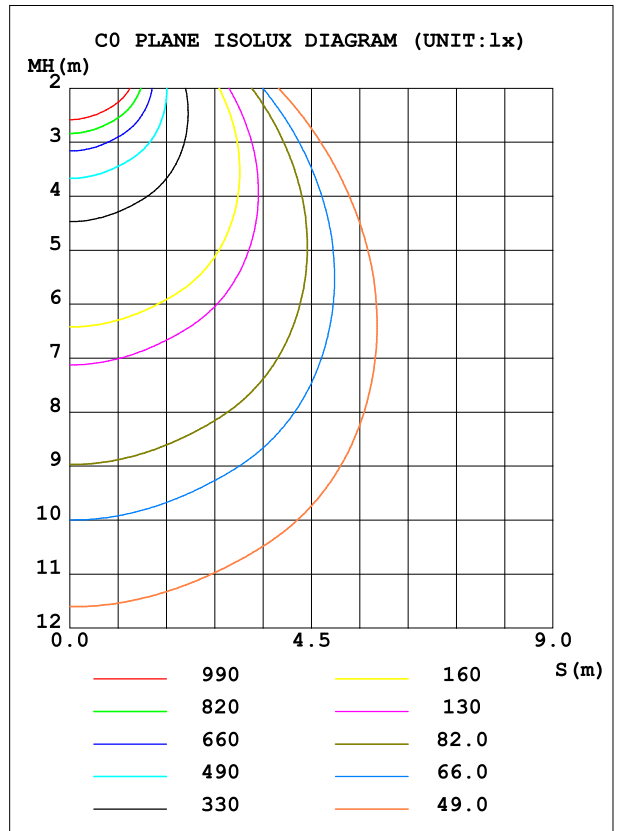
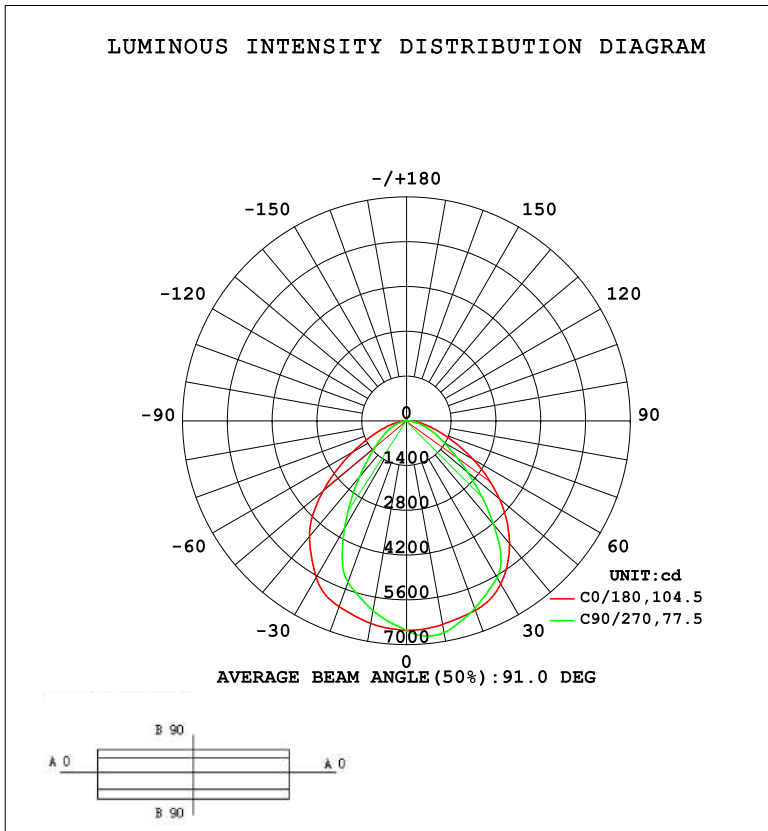


## LUMINAIRE PHOTOMETRIC TEST REPORT

|   |                 |                  |
|---|-----------------|------------------|
| Test:U:120.36V I:0.8491A P:102.03W PF:0.9984 Freq:59.98Hz<br>UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:15333.4x1 lm |                 |                  |
| NAME: 1000015968 TS-FL0810-100W-80*110-D-K-5000K  | TYPE:           | WEIGHT:          |
| SPEC.:  | DIM.:           | SERIAL No.:      |
| MFR.: EVERFINE  | SUR.: 0.28*0.14 | Shielding Angle: |

| DATA OF LAMP                          |         | PHOTOMETRIC DATA |        |                          |           |
|---------------------------------------|---------|------------------|--------|--------------------------|-----------|
| 15968 TS-MODEL0-100W-80*110-D-K-5000K |         | Imax (cd)        | 6807   | S/MH (C0/180)            | 1.27      |
| NOMINAL POWER (W)                     | 100     | LOR (%)          | 100.0  | S/MH (C90/270)           | 0.99      |
| RATED VOLTAGE (V)                     | 120     | TOTAL FLUX (lm)  | 15333  | $\eta$ UP, DN (C0-180)   | 0.5, 56.2 |
| NOMINAL FLUX (lm)                     | 15333.4 | CIE CLASS        | DIRECT | $\eta$ UP, DN (C180-360) | 0.6, 42.7 |
| LAMPS INSIDE                          | 1       | $\eta$ up (%)    | 1.1    | CIBSE SHR NOM            | 1.25      |
| TEST VOLTAGE (V)                      | 120     | $\eta$ down (%)  | 98.9   | CIBSE SHR MAX            | 1.35      |



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators: DAMIN  
 Test Date: 2024-04-16

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.480  
 Humidity: 65.0%  
 Test Distance: 7.100m [K=1.0000]  
 Remarks:

**ZONAL FLUX DIAGRAM**

ZONAL FLUX DIAGRAM:

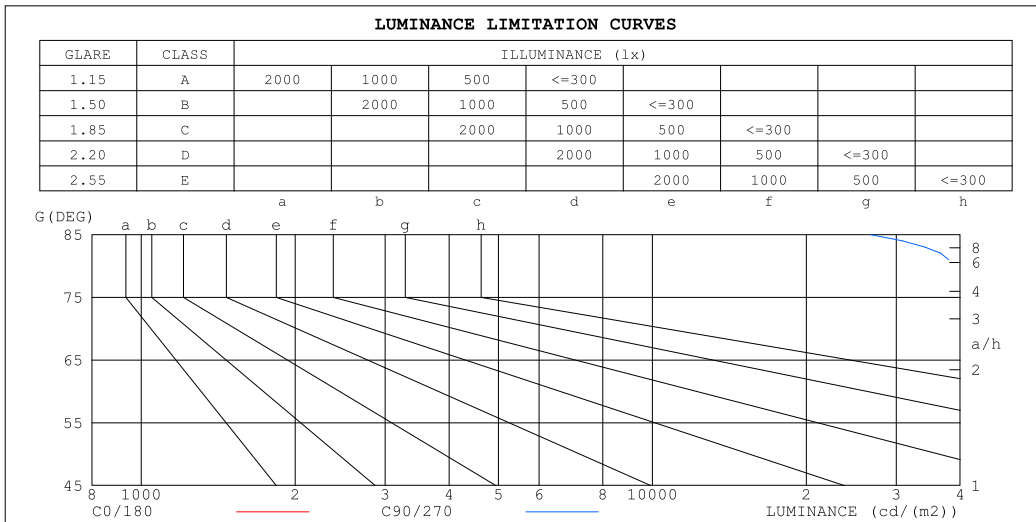
| $\gamma$ | C0                    | C45   | C90   | C135  | C180  | C225  | C270  | C315  | $\gamma$ | $\Phi$ zone | $\Phi$ total | %lum, lamp |
|----------|-----------------------|-------|-------|-------|-------|-------|-------|-------|----------|-------------|--------------|------------|
| 10       | 6464                  | 6703  | 6725  | 6804  | 6431  | 6112  | 6032  | 6168  | 0- 10    | 620.1       | 620.1        | 4.04,4.04  |
| 20       | 6305                  | 6312  | 6237  | 6396  | 6179  | 5510  | 5371  | 5585  | 10- 20   | 1762        | 2382         | 15.5,15.5  |
| 30       | 5888                  | 5779  | 5660  | 5785  | 5655  | 4881  | 3884  | 4976  | 20- 30   | 2625        | 5007         | 32.7,32.7  |
| 40       | 5012                  | 5185  | 4239  | 5046  | 4728  | 3793  | 2308  | 4008  | 30- 40   | 3013        | 8021         | 52.3,52.3  |
| 50       | 3789                  | 4179  | 2485  | 4057  | 3402  | 2708  | 1302  | 2944  | 40- 50   | 2839        | 10860        | 70.8,70.8  |
| 60       | 2409                  | 2961  | 1355  | 2675  | 1945  | 1485  | 766.2 | 1720  | 50- 60   | 2173        | 13033        | 85,85      |
| 70       | 1206                  | 1597  | 721.9 | 1370  | 890.6 | 688.2 | 391.4 | 829.1 | 60- 70   | 1345        | 14378        | 93.8,93.8  |
| 80       | 489.5                 | 601.9 | 276.1 | 421.9 | 289.9 | 172.5 | 82.85 | 274.7 | 70- 80   | 641.0       | 15019        | 98,98      |
| 90       | 42.03                 | 23.81 | 7.948 | 11.66 | 15.45 | 15.33 | 11.67 | 16.32 | 80- 90   | 144.8       | 15164        | 98.9,98.9  |
| 100      | 14.30                 | 11.88 | 8.916 | 13.19 | 18.92 | 19.52 | 16.29 | 19.22 | 90-100   | 15.61       | 15180        | 99,99      |
| 110      | 18.65                 | 14.68 | 12.06 | 16.43 | 23.79 | 25.00 | 22.34 | 24.14 | 100-110  | 18.44       | 15198        | 99.1,99.1  |
| 120      | 23.50                 | 18.84 | 16.95 | 21.11 | 29.58 | 31.23 | 28.84 | 30.26 | 110-120  | 22.12       | 15220        | 99.3,99.3  |
| 130      | 28.59                 | 24.34 | 23.11 | 26.61 | 35.33 | 35.76 | 35.31 | 35.80 | 120-130  | 25.03       | 15245        | 99.4,99.4  |
| 140      | 33.68                 | 30.39 | 29.52 | 32.02 | 36.93 | 39.77 | 40.83 | 40.11 | 130-140  | 25.66       | 15271        | 99.6,99.6  |
| 150      | 38.98                 | 36.40 | 35.55 | 37.80 | 42.12 | 44.27 | 42.81 | 44.32 | 140-150  | 23.78       | 15295        | 99.7,99.7  |
| 160      | 45.04                 | 42.47 | 41.74 | 44.30 | 47.76 | 49.62 | 48.49 | 49.91 | 150-160  | 20.02       | 15315        | 99.9,99.9  |
| 170      | 49.86                 | 47.75 | 47.66 | 50.25 | 51.87 | 52.15 | 52.52 | 53.43 | 160-170  | 13.82       | 15328        | 100,100    |
| 180      | 52.26                 | 51.06 | 51.19 | 53.36 | 52.39 | 51.17 | 51.37 | 53.40 | 170-180  | 4.912       | 15333        | 100,100    |
| DEG      | LUMINOUS INTENSITY:cd |       |       |       |       |       |       |       |          | UNIT:lm     |              |            |

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2024-04-16

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.480  
 Humidity:65.0%  
 Test Distance:7.100m [K=1.0000]  
 Remarks:

**LUMINANCE LIMITATION CURVES**

|   |                 |                  |
|---|-----------------|------------------|
| Test:U:120.36V I:0.8491A P:102.03W PF:0.9984 Freq:59.98Hz<br>UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:15333.4x1 lm |                 |                  |
| NAME: 1000015968 TS-FL0810-100W-80*110-D-K-5000K  | TYPE:           | WEIGHT:          |
| SPEC.:  | DIM.:           | SERIAL No.:      |
| MFR.: EVERFINE  | SUR.: 0.28*0.14 | Shielding Angle: |



| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G (DEG)           | C0/180 | C90/270 |
| 85                | 72374  | 26750   |
| 80                | 72784  | 40744   |
| 75                | 79968  | 48886   |
| 70                | 91031  | 54092   |
| 65                | 106895 | 61911   |
| 60                | 124381 | 69443   |
| 55                | 139541 | 81688   |
| 50                | 152213 | 99081   |
| 45                | 162238 | 119734  |

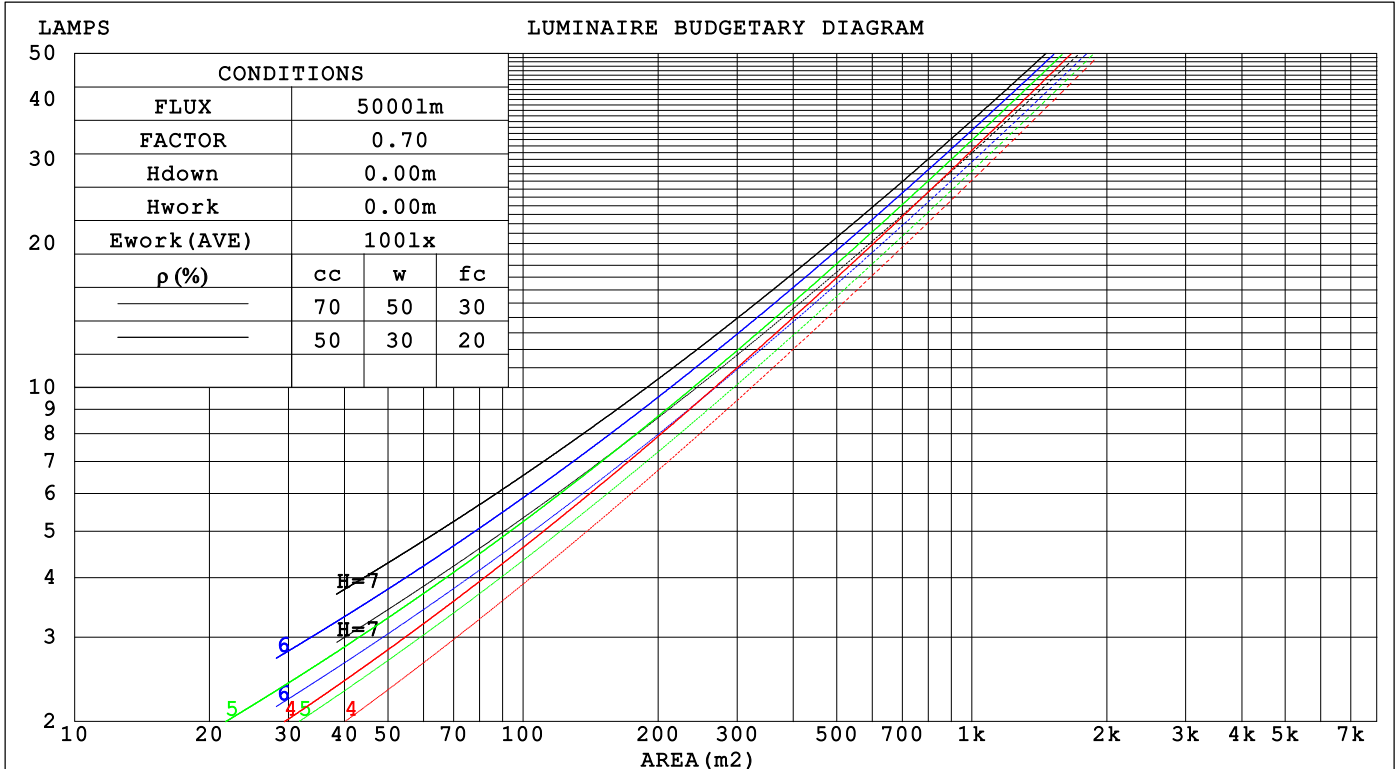
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators: DAMIN  
 Test Date: 2024-04-16

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.480  
 Humidity: 65.0%  
 Test Distance: 7.100m [K=1.0000]  
 Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

|   |                 |                  |
|---|-----------------|------------------|
| Test:U:120.36V I:0.8491A P:102.03W PF:0.9984 Freq:59.98Hz<br>UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:15333.4x1 lm |                 |                  |
| NAME: 1000015968 TS-FL0810-100W-80*110-D-K-5000K  | TYPE:           | WEIGHT:          |
| SPEC.:  | DIM.:           | SERIAL No.:      |
| MFR.: EVERFINE  | SUR.: 0.28*0.14 | 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           |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
|      | Coefficients of Utilization(CU) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
| 0.0  | 1.19                            | 1.19 | 1.19 | 1.16 | 1.16 | 1.16 | 1.10 | 1.10 | 1.10 | 1.06 | 1.06 | 1.06 | 1.01 | 1.01 | 1.01 | .99 |
| 1.0  | 1.06                            | 1.02 | .98  | 1.03 | .90  | .97  | .99  | .96  | .93  | .95  | .92  | .90  | .91  | .89  | .88  | .85 |
| 2.0  | .93                             | .87  | .82  | .91  | .86  | .81  | .88  | .83  | .79  | .84  | .80  | .77  | .81  | .78  | .75  | .73 |
| 3.0  | .83                             | .75  | .69  | .81  | .74  | .69  | .78  | .72  | .67  | .75  | .70  | .66  | .73  | .69  | .65  | .63 |
| 4.0  | .74                             | .66  | .60  | .73  | .65  | .59  | .70  | .64  | .58  | .68  | .62  | .58  | .66  | .61  | .57  | .55 |
| 5.0  | .67                             | .58  | .52  | .66  | .58  | .52  | .63  | .56  | .51  | .61  | .55  | .51  | .59  | .54  | .50  | .48 |
| 6.0  | .60                             | .52  | .46  | .59  | .52  | .46  | .58  | .51  | .45  | .56  | .50  | .45  | .54  | .49  | .44  | .42 |
| 7.0  | .55                             | .47  | .41  | .54  | .46  | .41  | .53  | .46  | .40  | .51  | .45  | .40  | .50  | .44  | .40  | .38 |
| 8.0  | .50                             | .42  | .37  | .50  | .42  | .37  | .48  | .41  | .36  | .47  | .41  | .36  | .46  | .40  | .36  | .34 |
| 9.0  | .46                             | .39  | .33  | .46  | .38  | .33  | .45  | .38  | .33  | .43  | .37  | .33  | .42  | .37  | .32  | .31 |
| 10.0 | .43                             | .35  | .30  | .42  | .35  | .30  | .41  | .35  | .30  | .40  | .34  | .30  | .39  | .34  | .30  | .28 |



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2024-04-16

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.480  
 Humidity:65.0%  
 Test Distance:7.100m [K=1.0000]  
 Remarks:

**WEC AND CCEC**

|   |                 |                  |
|---|-----------------|------------------|
| Test:U:120.36V I:0.8491A P:102.03W PF:0.9984 Freq:59.98Hz<br>UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:15333.4x1 lm |                 |                  |
| NAME: 1000015968 TS-FL0810-100W-80*110-D-K-5000K  | TYPE:           | WEIGHT:          |
| SPEC.:  | DIM.:           | SERIAL No.:      |
| MFR.: EVERFINE  | SUR.: 0.28*0.14 | Shielding Angle: |

| ρcc  | 80%                   |      |      | 70%  |      |      | 50%                              |      |      | 30%  |      |      | 10%  |      |      | 0 |
|------|-----------------------|------|------|------|------|------|----------------------------------|------|------|------|------|------|------|------|------|---|
| ρw   | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%                              | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |
| ρfc  | 20%                   |      |      | 20%  |      |      | 20%                              |      |      | 20%  |      |      | 20%  |      |      | 0 |
| RCR  | RCR:Room Cavity Ratio |      |      |      |      |      | Wall Exitance Coefficients (WEC) |      |      |      |      |      |      |      |      |   |
| 0.0  |                       |      |      |      |      |      |                                  |      |      |      |      |      |      |      |      |   |
| 1.0  | .273                  | .155 | .049 | .265 | .151 | .048 | .252                             | .144 | .046 | .239 | .138 | .044 | .228 | .132 | .043 |   |
| 2.0  | .261                  | .143 | .044 | .255 | .140 | .043 | .243                             | .135 | .042 | .232 | .130 | .041 | .222 | .125 | .040 |   |
| 3.0  | .245                  | .131 | .039 | .240 | .128 | .039 | .229                             | .124 | .038 | .219 | .120 | .037 | .210 | .116 | .036 |   |
| 4.0  | .229                  | .119 | .035 | .224 | .117 | .035 | .215                             | .114 | .034 | .206 | .111 | .033 | .198 | .108 | .033 |   |
| 5.0  | .214                  | .109 | .032 | .209 | .108 | .031 | .201                             | .105 | .031 | .193 | .102 | .030 | .186 | .099 | .030 |   |
| 6.0  | .200                  | .100 | .029 | .196 | .099 | .028 | .189                             | .097 | .028 | .182 | .094 | .028 | .175 | .092 | .027 |   |
| 7.0  | .187                  | .093 | .026 | .184 | .092 | .026 | .177                             | .090 | .026 | .171 | .088 | .025 | .165 | .086 | .025 |   |
| 8.0  | .176                  | .086 | .024 | .173 | .085 | .024 | .167                             | .083 | .024 | .161 | .082 | .024 | .156 | .080 | .023 |   |
| 9.0  | .166                  | .080 | .022 | .163 | .079 | .022 | .157                             | .078 | .022 | .152 | .076 | .022 | .148 | .075 | .022 |   |
| 10.0 | .156                  | .075 | .021 | .154 | .074 | .021 | .149                             | .073 | .021 | .144 | .072 | .020 | .140 | .070 | .020 |   |

| ρcc  | 80%                   |      |      | 70%  |      |      | 50%   |      |      | 30%  |      |      | 10%  |      |      | 0 |
|------|-----------------------|------|------|------|------|------|---|------|------|------|------|------|------|------|------|---|
| ρw   | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |
| ρfc  | 20%                   |      |      | 20%  |      |      | 20%   |      |      | 20%  |      |      | 20%  |      |      | 0 |
| RCR  | RCR:Room Cavity Ratio |      |      |      |      |      | Ceiling Cavity Exitance Coefficients (CCEC) |      |      |      |      |      |      |      |      |   |
| 0.0  | .199                  | .199 | .199 | .170 | .170 | .170 | .116  | .116 | .116 | .067 | .067 | .067 | .021 | .021 | .021 |   |
| 1.0  | .186                  | .165 | .146 | .159 | .142 | .125 | .109  | .097 | .087 | .063 | .056 | .050 | .020 | .018 | .016 |   |
| 2.0  | .177                  | .141 | .110 | .151 | .121 | .095 | .104  | .084 | .066 | .060 | .049 | .039 | .019 | .016 | .013 |   |
| 3.0  | .168                  | .123 | .086 | .144 | .106 | .075 | .099  | .074 | .053 | .057 | .043 | .031 | .018 | .014 | .010 |   |
| 4.0  | .161                  | .109 | .070 | .138 | .094 | .061 | .095  | .066 | .043 | .055 | .039 | .025 | .018 | .013 | .008 |   |
| 5.0  | .153                  | .099 | .058 | .132 | .085 | .051 | .091  | .060 | .036 | .053 | .035 | .021 | .017 | .011 | .007 |   |
| 6.0  | .146                  | .090 | .050 | .126 | .078 | .043 | .087  | .055 | .031 | .050 | .032 | .018 | .016 | .011 | .006 |   |
| 7.0  | .140                  | .083 | .043 | .120 | .072 | .038 | .083  | .051 | .027 | .048 | .030 | .016 | .016 | .010 | .005 |   |
| 8.0  | .134                  | .077 | .039 | .115 | .067 | .034 | .080  | .047 | .024 | .046 | .028 | .014 | .015 | .009 | .005 |   |
| 9.0  | .128                  | .072 | .035 | .110 | .063 | .030 | .076  | .044 | .022 | .044 | .026 | .013 | .014 | .009 | .004 |   |
| 10.0 | .123                  | .068 | .032 | .106 | .059 | .028 | .073  | .042 | .020 | .043 | .025 | .012 | .014 | .008 | .004 |   |

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2024-04-16

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.480  
Humidity:65.0%  
Test Distance:7.100m [K=1.0000]  
Remarks:

**UGR(Unified Glare Rating) Table**

|   |                  |      |      |      |                 |                |      |                  |      |      |
|---|------------------|------|------|------|-----------------|----------------|------|------------------|------|------|
| Test:U:120.36V I:0.8491A P:102.03W PF:0.9984 Freq:59.98Hz |                  |      |      |      |                 |                |      |                  |      |      |
| UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:15333.4x1 lm    |                  |      |      |      |                 |                |      |                  |      |      |
| NAME: 1000015968 TS-FL0810-100W-80*110-D-K-5000K          |                  |      |      |      | TYPE:           |                |      | WEIGHT:          |      |      |
| SPEC.:  |                  |      |      |      | DIM.:           |                |      | SERIAL No.:      |      |      |
| MFR.: EVERFINE  |                  |      |      |      | SUR.: 0.28*0.14 |                |      | 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   | 30.4             | 31.9 | 30.8 | 32.2 | 32.6            | 27.1           | 28.6 | 27.4             | 28.9 | 29.2 |
| 3H  | 31.7             | 33.0 | 32.1 | 33.4 | 33.8            | 28.1           | 29.4 | 28.5             | 29.8 | 30.2 |
| 4H  | 32.1             | 33.4 | 32.5 | 33.7 | 34.2            | 28.4           | 29.7 | 28.8             | 30.1 | 30.5 |
| 6H  | 32.4             | 33.6 | 32.9 | 34.0 | 34.4            | 28.6           | 29.8 | 29.1             | 30.2 | 30.6 |
| 8H  | 32.5             | 33.7 | 33.0 | 34.1 | 34.5            | 28.7           | 29.8 | 29.1             | 30.2 | 30.6 |
| 12H   | 32.6             | 33.7 | 33.1 | 34.1 | 34.5            | 28.7           | 29.8 | 29.2             | 30.2 | 30.6 |
| 4H 2H   | 31.0             | 32.2 | 31.4 | 32.6 | 33.0            | 28.3           | 29.5 | 28.7             | 29.9 | 30.3 |
| 3H  | 32.6             | 33.6 | 33.0 | 34.0 | 34.5            | 29.5           | 30.5 | 29.9             | 31.0 | 31.4 |
| 4H  | 33.1             | 34.1 | 33.6 | 34.5 | 35.0            | 29.9           | 30.8 | 30.3             | 31.3 | 31.7 |
| 6H  | 33.6             | 34.4 | 34.1 | 34.9 | 35.4            | 30.1           | 31.0 | 30.6             | 31.4 | 31.9 |
| 8H  | 33.8             | 34.6 | 34.3 | 35.0 | 35.5            | 30.2           | 31.0 | 30.7             | 31.4 | 31.9 |
| 12H   | 33.9             | 34.6 | 34.4 | 35.1 | 35.6            | 30.2           | 30.9 | 30.7             | 31.4 | 31.9 |
| 8H 4H   | 33.4             | 34.1 | 33.8 | 34.6 | 35.1            | 30.3           | 31.0 | 30.7             | 31.5 | 32.0 |
| 6H  | 34.0             | 34.6 | 34.5 | 35.1 | 35.6            | 30.6           | 31.2 | 31.1             | 31.7 | 32.3 |
| 8H  | 34.3             | 34.8 | 34.8 | 35.3 | 35.9            | 30.7           | 31.3 | 31.2             | 31.8 | 32.3 |
| 12H   | 34.5             | 35.0 | 35.0 | 35.5 | 36.1            | 30.7           | 31.2 | 31.3             | 31.7 | 32.3 |
| 12H 4H  | 33.3             | 34.0 | 33.8 | 34.5 | 35.0            | 30.3           | 31.0 | 30.8             | 31.5 | 32.0 |
| 6H  | 34.0             | 34.6 | 34.6 | 35.1 | 35.6            | 30.7           | 31.2 | 31.2             | 31.7 | 32.3 |
| 8H  | 34.3             | 34.8 | 34.9 | 35.3 | 35.9            | 30.8           | 31.3 | 31.3             | 31.8 | 32.4 |
| CIE190: 2010  |                  |      |      |      |                 |                |      |                  |      |      |
|   |                  |      |      |      |                 |                |      |                  |      |      |

CIE190: 2010  
Area: 0.039 m2

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2024-04-16

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.480  
Humidity:65.0%  
Test Distance:7.100m [K=1.0000]  
Remarks:

**UTILIZATION FACTORS TABLE**

|   |                 |                  |
|---|-----------------|------------------|
| Test:U:120.36V I:0.8491A P:102.03W PF:0.9984 Freq:59.98Hz<br>UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:15333.4x1 lm |                 |                  |
| NAME: 1000015968 TS-FL0810-100W-80*110-D-K-5000K  | TYPE:           | WEIGHT:          |
| SPEC.:  | DIM.:           | SERIAL No.:      |
| MFR.: EVERFINE  | SUR.: 0.28*0.14 | Shielding Angle: |

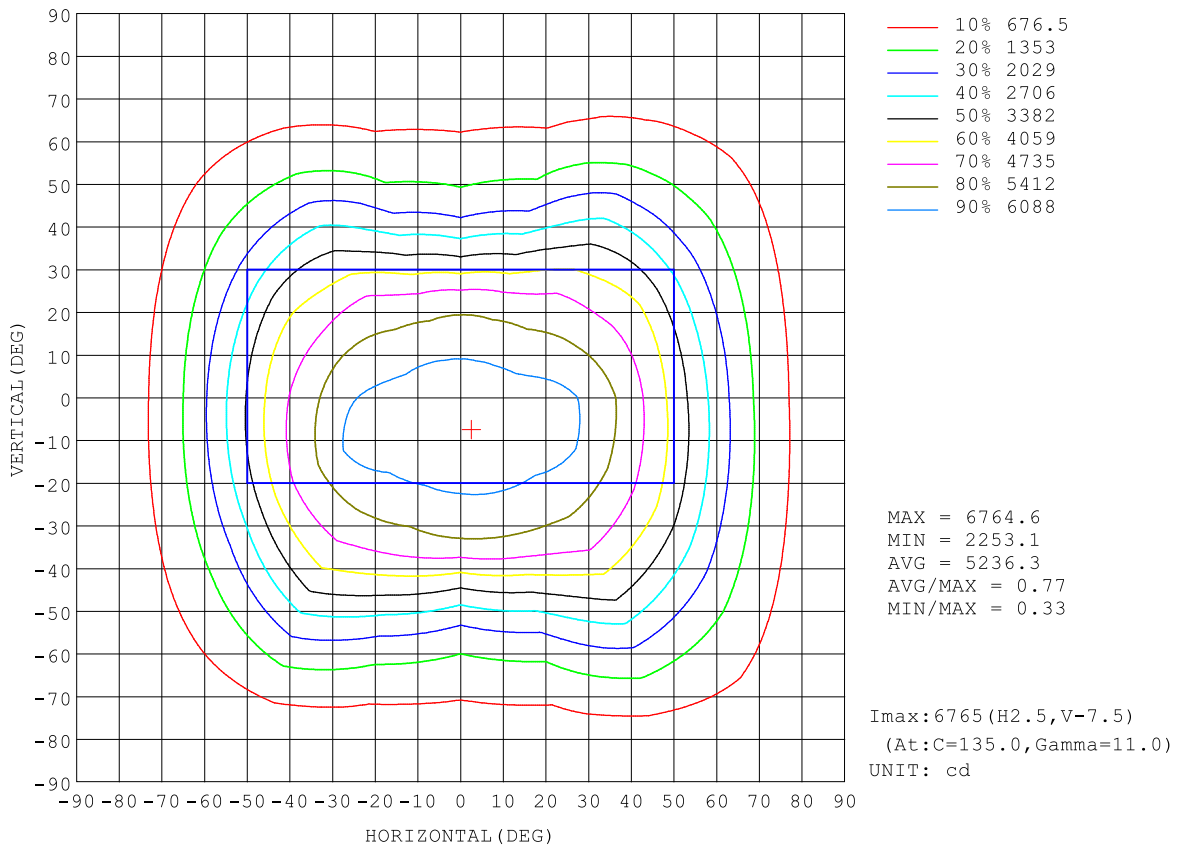
| REFLECTANCE                      |  |     |           |     |     |     |               |     |     |        |
|----------------------------------|--|-----|-----------|-----|-----|-----|---------------|-----|-----|--------|
| Ceiling                          | 0.8  | 0.8 | 0.8       | 0.7 | 0.7 | 0.7 | 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                         | 62   | 51  | 44        | 61  | 51  | 44  | 60            | 50  | 44  | 38     |
| 0.80                             | 72   | 61  | 54        | 71  | 61  | 54  | 69            | 60  | 54  | 47     |
| 1.00                             | 80   | 70  | 63        | 79  | 69  | 63  | 77            | 70  | 63  | 56     |
| 1.25                             | 87   | 78  | 71        | 86  | 77  | 71  | 83            | 75  | 70  | 63     |
| 1.50                             | 92   | 83  | 77        | 90  | 82  | 76  | 87            | 80  | 75  | 68     |
| 2.00                             | 98   | 90  | 85        | 96  | 89  | 84  | 93            | 87  | 82  | 75     |
| 2.50                             | 101  | 94  | 89        | 99  | 93  | 88  | 95            | 90  | 86  | 78     |
| 3.00                             | 104  | 98  | 93        | 102 | 97  | 92  | 98            | 94  | 90  | 82     |
| 4.00                             | 108  | 103 | 99        | 105 | 101 | 97  | 101           | 97  | 94  | 86     |
| 5.00                             | 110  | 106 | 102       | 107 | 104 | 100 | 103           | 100 | 97  | 88     |
| 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: 2024-04-16

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.480  
Humidity: 65.0%  
Test Distance: 7.100m [K=1.0000]  
Remarks:

## ISOCANDELA DIAGRAM

|   |                 |                  |
|---|-----------------|------------------|
| Test:U:120.36V I:0.8491A P:102.03W PF:0.9984 Freq:59.98Hz<br>UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:15333.4x1 lm |                 |                  |
| NAME: 1000015968 TS-FL0810-100W-80*110-D-K-5000K  | TYPE:           | WEIGHT:          |
| SPEC.:  | DIM.:           | SERIAL No.:      |
| MFR.: EVERFINE  | SUR.: 0.28*0.14 | Shielding Angle: |



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: DAMIN  
Test Date: 2024-04-16

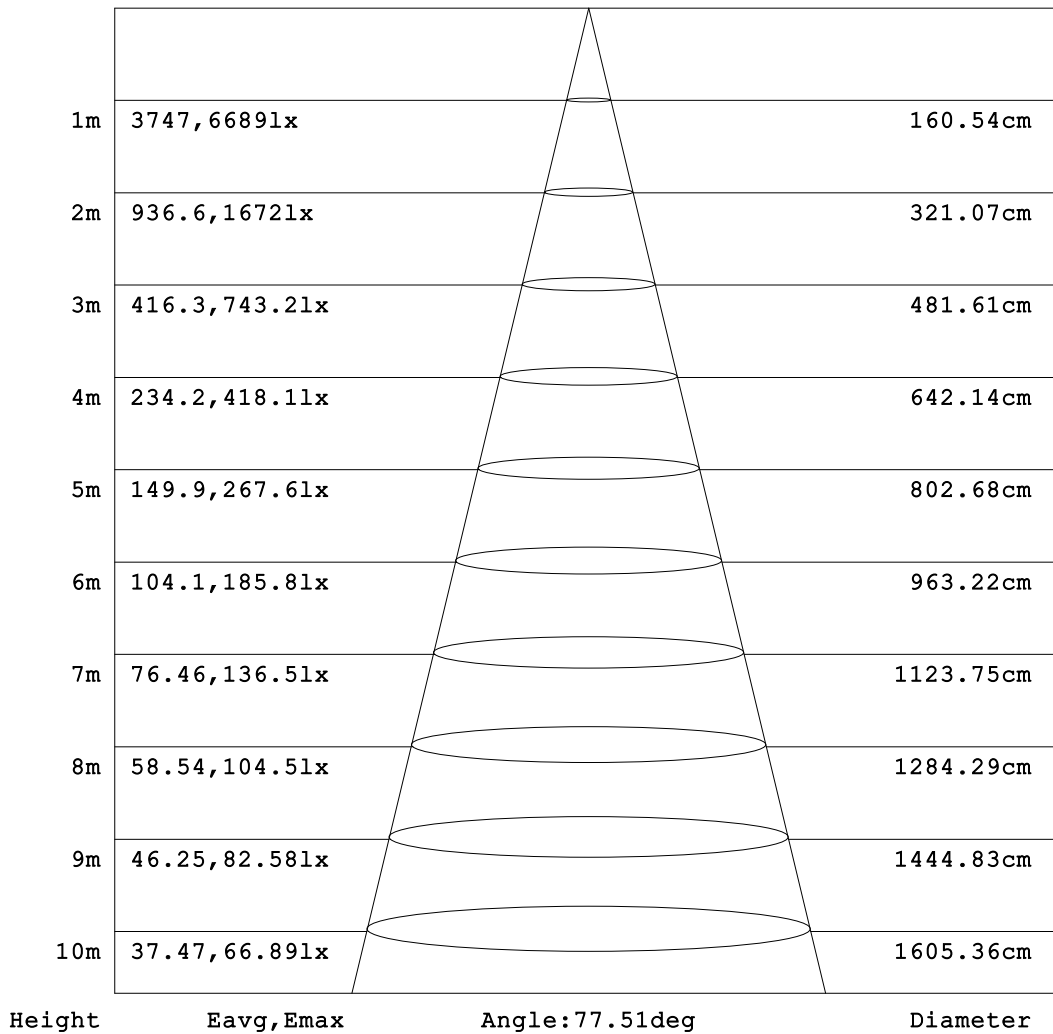
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.480  
Humidity: 65.0%  
Test Distance: 7.100m [K=1.0000]  
Remarks:



**AAI Figure**

|   |                 |                  |
|---|-----------------|------------------|
| Test:U:120.36V I:0.8491A P:102.03W PF:0.9984 Freq:59.98Hz<br>UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:15333.4x1 lm |                 |                  |
| NAME: 1000015968 TS-FL0810-100W-80*110-D-K-5000K  | TYPE:           | WEIGHT:          |
| SPEC.:  | DIM.:           | SERIAL No.:      |
| MFR.: EVERFINE  | SUR.: 0.28*0.14 | Shielding Angle: |

Flux out:7718 lm



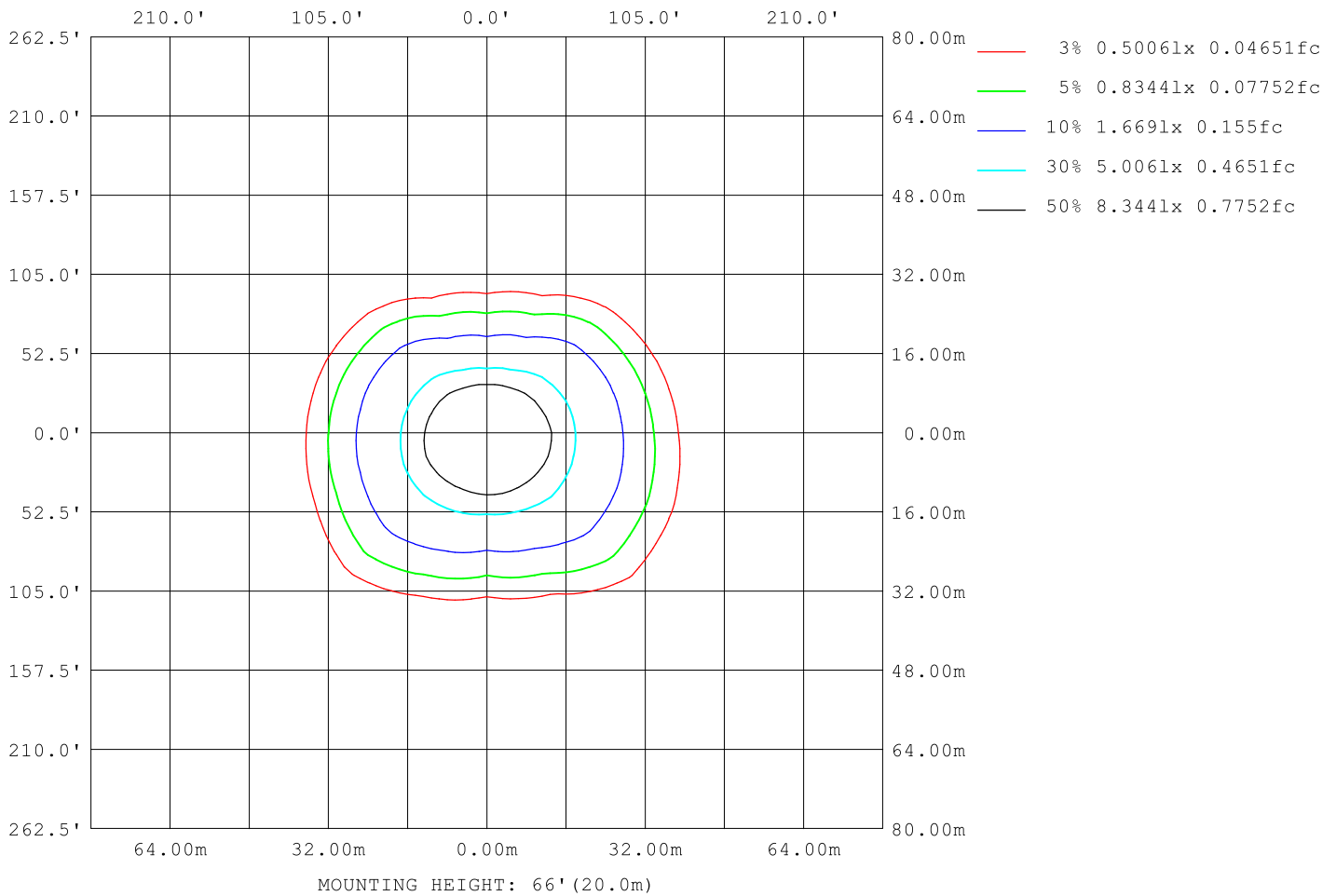
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2024-04-16

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.480  
Humidity:65.0%  
Test Distance:7.100m [K=1.0000]  
Remarks:

## ISOLUX DIAGRAM

|   |                        |                         |
|---|------------------------|-------------------------|
| <b>Test:U:120.36V I:0.8491A P:102.03W PF:0.9984 Freq:59.98Hz</b><br><b>UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:15333.4x1 lm</b> |                        |                         |
| <b>NAME: 1000015968 TS-FL0810-100W-80*110-D-K-5000K</b>   | <b>TYPE:</b>           | <b>WEIGHT:</b>          |
| <b>SPEC.:</b>   | <b>DIM.:</b>           | <b>SERIAL No.:</b>      |
| <b>MFR.: EVERFINE</b>   | <b>SUR.: 0.28*0.14</b> | <b>Shielding Angle:</b> |



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators: DAMIN  
 Test Date: 2024-04-16

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.480  
 Humidity: 65.0%  
 Test Distance: 7.100m [K=1.0000]  
 Remarks:

**LED Avg.L Report**

|   |                 |                  |
|---|-----------------|------------------|
| Test:U:120.36V I:0.8491A P:102.03W PF:0.9984 Freq:59.98Hz<br>UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:15333.4x1 lm |                 |                  |
| NAME: 1000015968 TS-FL0810-100W-80*110-D-K-5000K  | TYPE:           | WEIGHT:          |
| SPEC.:  | DIM.:           | SERIAL No.:      |
| MFR.: EVERFINE  | SUR.: 0.28*0.14 | Shielding Angle: |

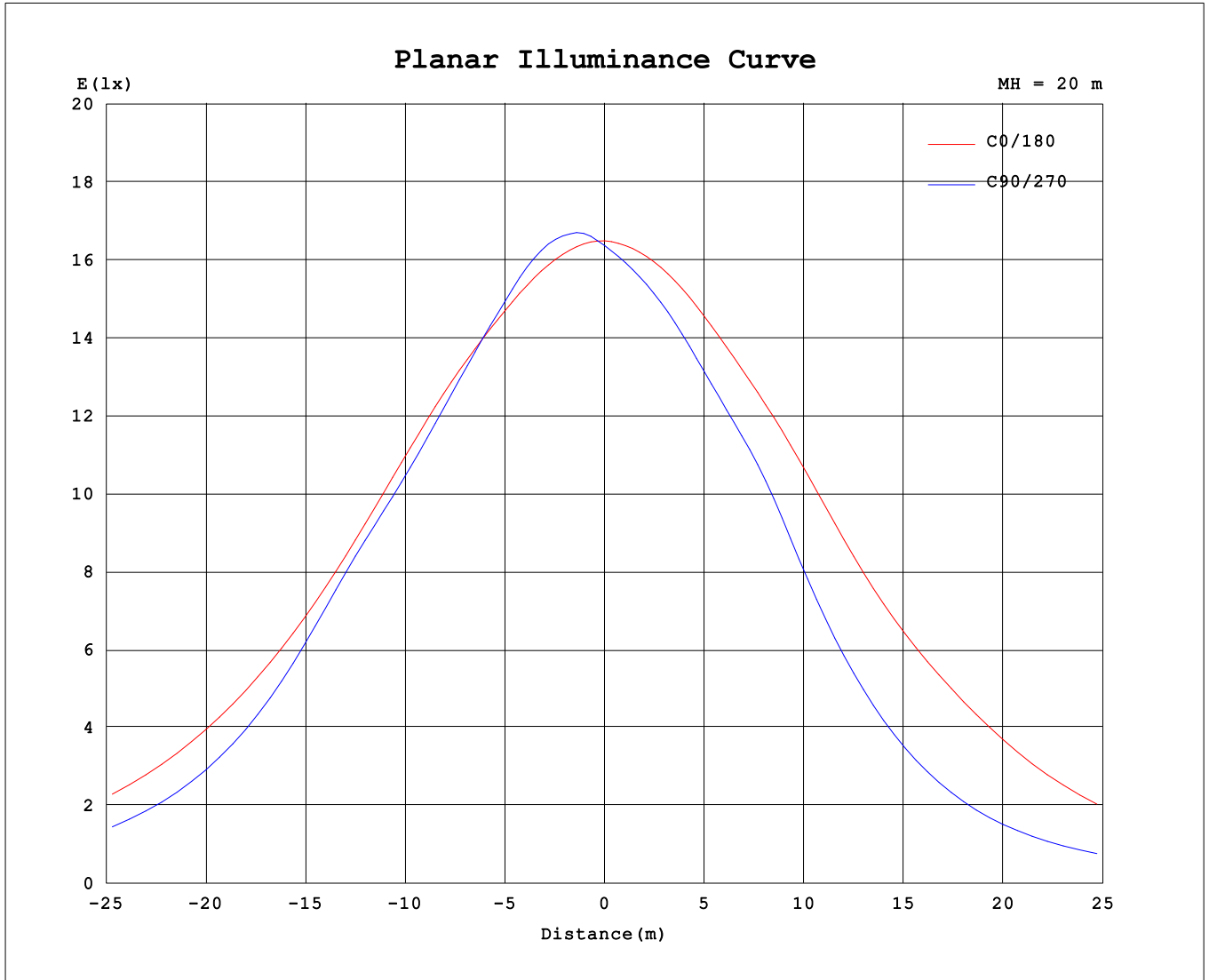
| AvgL             | cd/m2 |
|------------------|-------|
| L_0~180 (65) av  | 93757 |
| L_0~180 (75) av  | 67060 |
| L_0~180 (85) av  | 48477 |
| L_90~270 (65) av | 48197 |
| L_90~270 (75) av | 35995 |
| L_90~270 (85) av | 15147 |
| L_45 (65) av     | 97756 |
| L_45 (75) av     | 69949 |
| L_45 (85) av     | 34781 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2024-04-16

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.480  
 Humidity:65.0%  
 Test Distance:7.100m [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: 2024-04-16

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.480  
Humidity: 65.0%  
Test Distance: 7.100m [K=1.0000]  
Remarks:

**LUMINOUS DISTRIBUTION INTENSITY DATA**

|   |                 |                  |
|---|-----------------|------------------|
| Test:U:120.36V I:0.8491A P:102.03W PF:0.9984 Freq:59.98Hz<br>UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:15333.4x1 lm |                 |                  |
| NAME: 1000015968 TS-FL0810-100W-80*110-D-K-5000K  | TYPE:           | WEIGHT:          |
| SPEC.:  | DIM.:           | SERIAL No.:      |
| MFR.: EVERFINE  | SUR.: 0.28*0.14 | Shielding Angle: |

Table--1

UNIT: cd

| C (DEG)<br>γ (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                  | 6550 | 6550 | 6550 | 6550 | 6550 | 6550  | 6550 | 6550  | 6550 | 6550  | 6550 | 6550  | 6550 | 6550  | 6550 | 6550  |  |  |  |
| 5                  | 6531 | 6636 | 6700 | 6734 | 6748 | 6747  | 6713 | 6623  | 6510 | 6404  | 6338 | 6303  | 6305 | 6330  | 6379 | 6451  |  |  |  |
| 10                 | 6464 | 6655 | 6703 | 6719 | 6725 | 6755  | 6804 | 6724  | 6431 | 6219  | 6112 | 6039  | 6032 | 6075  | 6168 | 6304  |  |  |  |
| 15                 | 6379 | 6637 | 6565 | 6526 | 6498 | 6526  | 6691 | 6795  | 6307 | 5999  | 5834 | 5703  | 5694 | 5746  | 5900 | 6124  |  |  |  |
| 20                 | 6305 | 6545 | 6312 | 6283 | 6237 | 6239  | 6396 | 6738  | 6179 | 5788  | 5510 | 5349  | 5371 | 5410  | 5585 | 5938  |  |  |  |
| 25                 | 6159 | 6334 | 6053 | 5994 | 5942 | 5925  | 6079 | 6535  | 6007 | 5561  | 5205 | 4867  | 4765 | 4952  | 5279 | 5717  |  |  |  |
| 30                 | 5888 | 5999 | 5779 | 5694 | 5660 | 5592  | 5785 | 6148  | 5655 | 5212  | 4881 | 4159  | 3884 | 4226  | 4976 | 5420  |  |  |  |
| 35                 | 5499 | 5609 | 5496 | 5321 | 5148 | 5217  | 5457 | 5631  | 5184 | 4750  | 4391 | 3438  | 3049 | 3484  | 4565 | 5056  |  |  |  |
| 40                 | 5012 | 5176 | 5185 | 4653 | 4239 | 4651  | 5046 | 5127  | 4728 | 4314  | 3793 | 2730  | 2308 | 2788  | 4008 | 4685  |  |  |  |
| 45                 | 4443 | 4705 | 4759 | 3833 | 3304 | 3924  | 4589 | 4553  | 4142 | 3860  | 3273 | 2075  | 1717 | 2148  | 3483 | 4245  |  |  |  |
| 50                 | 3789 | 4168 | 4179 | 3026 | 2485 | 3172  | 4057 | 3769  | 3402 | 3169  | 2708 | 1575  | 1302 | 1628  | 2944 | 3617  |  |  |  |
| 55                 | 3100 | 3515 | 3609 | 2296 | 1828 | 2434  | 3413 | 2938  | 2656 | 2402  | 2054 | 1175  | 1001 | 1243  | 2330 | 2807  |  |  |  |
| 60                 | 2409 | 2818 | 2961 | 1689 | 1355 | 1789  | 2675 | 2197  | 1945 | 1769  | 1485 | 880   | 766  | 939   | 1720 | 2115  |  |  |  |
| 65                 | 1750 | 2151 | 2246 | 1247 | 1021 | 1299  | 1972 | 1574  | 1341 | 1256  | 1041 | 636   | 568  | 673   | 1185 | 1596  |  |  |  |
| 70                 | 1206 | 1571 | 1597 | 904  | 722  | 914   | 1370 | 1080  | 891  | 840   | 688  | 426   | 391  | 469   | 829  | 1072  |  |  |  |
| 75                 | 802  | 1084 | 1072 | 583  | 494  | 570   | 839  | 693   | 552  | 508   | 402  | 244   | 233  | 272   | 511  | 715   |  |  |  |
| 80                 | 489  | 684  | 602  | 335  | 276  | 299   | 422  | 381   | 290  | 245   | 172  | 86.7  | 82.9 | 121   | 275  | 427   |  |  |  |
| 85                 | 244  | 330  | 249  | 129  | 91.0 | 84.5  | 121  | 109   | 85.3 | 32.3  | 15.3 | 13.4  | 12.0 | 13.6  | 87.1 | 184   |  |  |  |
| 90                 | 42.0 | 57.3 | 23.8 | 9.21 | 7.95 | 9.44  | 11.7 | 13.2  | 15.4 | 15.9  | 15.3 | 13.3  | 11.7 | 13.0  | 16.3 | 18.1  |  |  |  |
| 95                 | 12.6 | 12.2 | 11.1 | 9.16 | 8.17 | 9.84  | 12.2 | 14.2  | 17.0 | 17.8  | 17.2 | 15.3  | 13.7 | 14.6  | 17.2 | 18.6  |  |  |  |
| 100                | 14.3 | 13.3 | 11.9 | 9.75 | 8.92 | 10.7  | 13.2 | 15.8  | 18.9 | 20.0  | 19.5 | 17.7  | 16.3 | 16.9  | 19.2 | 20.5  |  |  |  |
| 105                | 16.4 | 15.0 | 13.1 | 10.9 | 10.1 | 12.0  | 14.5 | 17.1  | 21.2 | 22.4  | 22.1 | 20.3  | 19.2 | 19.6  | 21.4 | 22.6  |  |  |  |
| 110                | 18.7 | 16.8 | 14.7 | 12.5 | 12.1 | 13.9  | 16.4 | 19.0  | 23.8 | 25.2  | 25.0 | 23.3  | 22.3 | 22.6  | 24.1 | 25.1  |  |  |  |
| 115                | 21.1 | 18.9 | 16.6 | 14.5 | 14.2 | 16.0  | 18.6 | 21.3  | 26.6 | 28.1  | 28.0 | 26.3  | 25.5 | 25.9  | 27.0 | 27.7  |  |  |  |
| 120                | 23.5 | 21.1 | 18.8 | 17.1 | 16.9 | 18.7  | 21.1 | 23.7  | 29.6 | 31.3  | 31.2 | 29.7  | 28.8 | 29.5  | 30.3 | 30.6  |  |  |  |
| 125                | 26.1 | 23.5 | 21.5 | 20.0 | 20.0 | 21.5  | 23.8 | 26.2  | 32.5 | 34.3  | 33.3 | 32.7  | 32.1 | 32.7  | 33.3 | 33.5  |  |  |  |
| 130                | 28.6 | 26.2 | 24.3 | 23.2 | 23.1 | 24.4  | 26.6 | 29.0  | 35.3 | 36.5  | 35.8 | 35.8  | 35.3 | 35.8  | 35.8 | 36.2  |  |  |  |
| 135                | 31.1 | 28.8 | 27.3 | 26.5 | 26.2 | 27.4  | 29.1 | 31.6  | 37.4 | 38.5  | 37.7 | 37.6  | 38.4 | 38.0  | 38.0 | 38.0  |  |  |  |
| 140                | 33.7 | 31.7 | 30.4 | 29.8 | 29.5 | 30.5  | 32.0 | 34.2  | 36.9 | 39.4  | 39.8 | 39.6  | 40.8 | 40.0  | 40.1 | 39.8  |  |  |  |
| 145                | 36.3 | 34.6 | 33.6 | 32.9 | 32.7 | 33.7  | 35.1 | 36.8  | 39.9 | 41.2  | 41.8 | 41.8  | 40.7 | 42.6  | 42.1 | 42.5  |  |  |  |
| 150                | 39.0 | 37.5 | 36.4 | 35.7 | 35.5 | 36.5  | 37.8 | 39.6  | 42.1 | 43.3  | 44.3 | 44.1  | 42.8 | 44.4  | 44.3 | 43.8  |  |  |  |
| 155                | 42.0 | 40.8 | 39.4 | 38.7 | 38.6 | 39.7  | 40.9 | 43.1  | 44.9 | 45.7  | 47.3 | 46.9  | 47.0 | 46.7  | 47.6 | 46.4  |  |  |  |
| 160                | 45.0 | 43.6 | 42.5 | 41.5 | 41.7 | 42.8  | 44.3 | 45.9  | 47.8 | 48.3  | 49.6 | 49.4  | 48.5 | 49.4  | 49.9 | 49.3  |  |  |  |
| 165                | 47.7 | 46.6 | 45.4 | 44.8 | 45.1 | 46.3  | 47.8 | 49.5  | 50.8 | 50.8  | 51.9 | 51.7  | 53.0 | 51.9  | 52.6 | 52.4  |  |  |  |
| 170                | 49.9 | 48.8 | 47.8 | 47.7 | 47.7 | 49.0  | 50.2 | 52.1  | 51.9 | 51.8  | 52.2 | 52.3  | 52.5 | 52.7  | 53.4 | 53.8  |  |  |  |
| 175                | 51.3 | 50.4 | 49.8 | 49.5 | 49.7 | 50.7  | 52.4 | 53.3  | 52.5 | 52.0  | 52.0 | 51.8  | 52.3 | 52.5  | 53.7 | 54.4  |  |  |  |
| 180                | 52.3 | 51.5 | 51.1 | 51.0 | 51.2 | 52.1  | 53.4 | 54.1  | 52.4 | 51.4  | 51.2 | 50.9  | 51.4 | 51.9  | 53.4 | 54.0  |  |  |  |

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2024-04-16

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.480  
Humidity:65.0%  
Test Distance:7.100m [K=1.0000]  
Remarks:

### Photometric Data Table [cd]

|       |       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| G/C   | 0.0   | 22.5  | 45.0  | 67.5  | 90.0  | 112.5 | 135.0 | 157.5 | 180.0 | 202.5 |
| 0.0   | 6550  | 6550  | 6550  | 6550  | 6550  | 6550  | 6550  | 6550  | 6550  | 6550  |
| 3.0   | 6545  | 6609  | 6664  | 6696  | 6705  | 6688  | 6651  | 6589  | 6529  | 6466  |
| 6.0   | 6519  | 6646  | 6703  | 6743  | 6760  | 6761  | 6740  | 6641  | 6497  | 6371  |
| 9.0   | 6480  | 6657  | 6708  | 6737  | 6748  | 6776  | 6792  | 6702  | 6452  | 6258  |
| 12.0  | 6429  | 6650  | 6666  | 6659  | 6652  | 6687  | 6795  | 6762  | 6387  | 6135  |
| 15.0  | 6379  | 6637  | 6565  | 6526  | 6498  | 6526  | 6691  | 6795  | 6307  | 5999  |
| 18.0  | 6336  | 6596  | 6414  | 6387  | 6348  | 6353  | 6534  | 6779  | 6232  | 5871  |
| 21.0  | 6286  | 6512  | 6260  | 6228  | 6180  | 6181  | 6327  | 6712  | 6152  | 5746  |
| 24.0  | 6199  | 6386  | 6108  | 6053  | 5999  | 5989  | 6139  | 6591  | 6053  | 5613  |
| 27.0  | 6067  | 6210  | 5947  | 5875  | 5828  | 5792  | 5960  | 6401  | 5889  | 5442  |
| 30.0  | 5888  | 5999  | 5779  | 5694  | 5660  | 5592  | 5785  | 6148  | 5655  | 5212  |
| 33.0  | 5664  | 5771  | 5610  | 5498  | 5411  | 5380  | 5598  | 5845  | 5371  | 4937  |
| 36.0  | 5407  | 5525  | 5439  | 5214  | 4987  | 5126  | 5384  | 5521  | 5093  | 4659  |
| 39.0  | 5114  | 5268  | 5252  | 4811  | 4433  | 4787  | 5137  | 5221  | 4820  | 4400  |
| 42.0  | 4793  | 4995  | 5035  | 4329  | 3856  | 4369  | 4872  | 4920  | 4519  | 4148  |
| 45.0  | 4443  | 4705  | 4759  | 3833  | 3304  | 3924  | 4589  | 4553  | 4142  | 3860  |
| 48.0  | 4059  | 4397  | 4419  | 3343  | 2796  | 3474  | 4275  | 4099  | 3704  | 3474  |
| 51.0  | 3652  | 4045  | 4065  | 2872  | 2343  | 3020  | 3940  | 3603  | 3251  | 3008  |
| 54.0  | 3237  | 3652  | 3725  | 2433  | 1944  | 2578  | 3551  | 3097  | 2803  | 2548  |
| 57.0  | 2823  | 3234  | 3365  | 2034  | 1616  | 2158  | 3119  | 2627  | 2364  | 2132  |
| 60.0  | 2409  | 2818  | 2961  | 1689  | 1355  | 1789  | 2675  | 2197  | 1945  | 1769  |
| 63.0  | 2005  | 2409  | 2535  | 1406  | 1144  | 1477  | 2245  | 1807  | 1564  | 1447  |
| 66.0  | 1628  | 2028  | 2105  | 1174  | 963.9 | 1217  | 1843  | 1465  | 1240  | 1166  |
| 69.0  | 1303  | 1679  | 1715  | 971.9 | 787.8 | 992.4 | 1483  | 1168  | 969.1 | 915.8 |
| 72.0  | 1028  | 1363  | 1377  | 757.1 | 622.0 | 741.1 | 1161  | 915.1 | 745.6 | 697.8 |
| 75.0  | 801.6 | 1084  | 1072  | 582.9 | 493.7 | 570.0 | 839.0 | 693.3 | 552.2 | 507.9 |
| 78.0  | 605.9 | 831.9 | 748.7 | 427.9 | 354.3 | 395.1 | 588.7 | 500.0 | 387.5 | 342.5 |
| 81.0  | 437.7 | 611.4 | 527.0 | 290.6 | 231.6 | 249.2 | 356.8 | 318.8 | 243.2 | 200.2 |
| 84.0  | 288.5 | 391.9 | 323.1 | 169.6 | 125.7 | 124.1 | 170.4 | 154.5 | 123.0 | 79.18 |
| 87.0  | 159.1 | 202.3 | 148.8 | 63.65 | 33.23 | 25.01 | 33.70 | 36.42 | 19.25 | 15.67 |
| 90.0  | 42.03 | 57.28 | 23.81 | 9.211 | 7.948 | 9.437 | 11.66 | 13.17 | 15.45 | 15.94 |
| 93.0  | 12.19 | 11.89 | 11.00 | 9.052 | 7.975 | 9.615 | 11.95 | 13.65 | 16.30 | 17.00 |
| 96.0  | 12.91 | 12.34 | 11.24 | 9.239 | 8.287 | 9.980 | 12.36 | 14.44 | 17.31 | 18.20 |
| 99.0  | 13.91 | 13.02 | 11.69 | 9.601 | 8.725 | 10.49 | 12.96 | 15.45 | 18.49 | 19.53 |
| 102.0 | 15.14 | 13.95 | 12.32 | 10.13 | 9.355 | 11.20 | 13.66 | 16.14 | 19.79 | 20.95 |
| 105.0 | 16.44 | 14.98 | 13.11 | 10.90 | 10.13 | 12.04 | 14.53 | 17.09 | 21.20 | 22.45 |
| 108.0 | 17.69 | 16.04 | 14.02 | 11.82 | 11.19 | 13.09 | 15.61 | 18.22 | 22.68 | 24.05 |
| 111.0 | 19.13 | 17.23 | 15.04 | 12.86 | 12.41 | 14.30 | 16.86 | 19.42 | 24.33 | 25.78 |
| 114.0 | 20.59 | 18.47 | 16.19 | 14.05 | 13.66 | 15.54 | 18.18 | 20.76 | 25.99 | 27.50 |
| 117.0 | 22.02 | 19.72 | 17.44 | 15.49 | 15.23 | 17.05 | 19.61 | 22.23 | 27.71 | 29.36 |
| 120.0 | 23.50 | 21.06 | 18.84 | 17.12 | 16.95 | 18.70 | 21.11 | 23.72 | 29.58 | 31.33 |
| 123.0 | 25.04 | 22.49 | 20.37 | 18.79 | 18.75 | 20.31 | 22.69 | 25.20 | 31.37 | 33.18 |
| 126.0 | 26.56 | 24.05 | 22.07 | 20.63 | 20.63 | 22.05 | 24.34 | 26.77 | 33.06 | 34.76 |
| 129.0 | 28.05 | 25.63 | 23.76 | 22.54 | 22.47 | 23.81 | 26.04 | 28.46 | 34.77 | 36.24 |
| 132.0 | 29.61 | 27.22 | 25.48 | 24.45 | 24.36 | 25.57 | 27.64 | 30.03 | 36.50 | 37.08 |
| 135.0 | 31.10 | 28.81 | 27.25 | 26.47 | 26.25 | 27.41 | 29.15 | 31.58 | 37.41 | 38.46 |
| 138.0 | 32.70 | 30.58 | 29.17 | 28.51 | 28.25 | 29.32 | 30.93 | 33.19 | 37.11 | 39.16 |
| 141.0 | 34.23 | 32.26 | 31.08 | 30.40 | 30.20 | 31.14 | 32.68 | 34.66 | 37.47 | 39.68 |
| 144.0 | 35.83 | 34.05 | 32.98 | 32.31 | 32.11 | 33.08 | 34.52 | 36.28 | 39.38 | 40.74 |
| 147.0 | 37.42 | 35.80 | 34.70 | 33.97 | 33.80 | 34.78 | 36.19 | 37.90 | 40.78 | 41.64 |
| 150.0 | 38.98 | 37.50 | 36.40 | 35.66 | 35.55 | 36.49 | 37.80 | 39.56 | 42.12 | 43.32 |
| 153.0 | 40.85 | 39.60 | 38.22 | 37.62 | 37.43 | 38.55 | 39.66 | 41.95 | 43.51 | 44.79 |
| 156.0 | 42.59 | 41.34 | 39.94 | 39.29 | 39.23 | 40.35 | 41.52 | 43.72 | 45.59 | 46.27 |
| 159.0 | 44.63 | 42.98 | 41.82 | 40.90 | 41.11 | 42.13 | 43.66 | 45.26 | 47.36 | 47.82 |
| 162.0 | 46.12 | 44.74 | 43.58 | 42.70 | 42.97 | 44.11 | 45.58 | 47.14 | 49.38 | 49.96 |
| 165.0 | 47.75 | 46.61 | 45.43 | 44.84 | 45.09 | 46.27 | 47.80 | 49.45 | 50.82 | 50.77 |
| 168.0 | 49.10 | 48.06 | 46.82 | 46.73 | 46.76 | 48.11 | 49.35 | 51.28 | 51.45 | 51.48 |
| 171.0 | 50.21 | 49.16 | 48.16 | 48.14 | 48.05 | 49.46 | 50.70 | 52.44 | 52.04 | 51.92 |
| 174.0 | 51.08 | 50.12 | 49.47 | 49.22 | 49.29 | 50.46 | 52.18 | 53.15 | 52.41 | 52.01 |
| 177.0 | 51.85 | 50.98 | 50.46 | 50.08 | 50.51 | 51.25 | 53.01 | 53.76 | 52.50 | 51.84 |
| 180.0 | 52.26 | 51.48 | 51.06 | 50.95 | 51.19 | 52.06 | 53.36 | 54.12 | 52.39 | 51.42 |
| G/C   | 225.0 | 247.5 | 270.0 | 292.5 | 315.0 | 337.5 |       |       |       |       |
| 0.0   | 6550  | 6550  | 6550  | 6550  | 6550  | 6550  |       |       |       |       |
| 3.0   | 6424  | 6402  | 6403  | 6418  | 6452  | 6496  |       |       |       |       |
| 6.0   | 6295  | 6255  | 6256  | 6281  | 6340  | 6425  |       |       |       |       |
| 9.0   | 6160  | 6098  | 6092  | 6132  | 6216  | 6336  |       |       |       |       |
| 12.0  | 6007  | 5913  | 5899  | 5953  | 6066  | 6234  |       |       |       |       |
| 15.0  | 5834  | 5703  | 5694  | 5746  | 5900  | 6124  |       |       |       |       |
| 18.0  | 5639  | 5495  | 5503  | 5546  | 5710  | 6009  |       |       |       |       |
| 21.0  | 5447  | 5269  | 5289  | 5338  | 5522  | 5897  |       |       |       |       |
| 24.0  | 5265  | 4986  | 4925  | 5068  | 5340  | 5767  |       |       |       |       |
| 27.0  | 5086  | 4600  | 4419  | 4679  | 5160  | 5608  |       |       |       |       |
| 30.0  | 4881  | 4159  | 3884  | 4226  | 4976  | 5420  |       |       |       |       |

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators: DAMIN  
 Test Date: 2024-04-16

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.480  
 Humidity: 65.0%  
 Test Distance: 7.100m [K=1.0000]  
 Remarks:

**Photometric Data Table [cd]**

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 33.0  | 4610  | 3722  | 3376  | 3773  | 4750  | 5204  |
| 36.0  | 4274  | 3295  | 2891  | 3341  | 4461  | 4981  |
| 39.0  | 3909  | 2871  | 2445  | 2925  | 4121  | 4759  |
| 42.0  | 3577  | 2455  | 2049  | 2522  | 3790  | 4527  |
| 45.0  | 3273  | 2075  | 1717  | 2148  | 3483  | 4245  |
| 48.0  | 2951  | 1744  | 1450  | 1818  | 3169  | 3895  |
| 51.0  | 2579  | 1471  | 1234  | 1543  | 2824  | 3440  |
| 54.0  | 2183  | 1244  | 1055  | 1312  | 2447  | 2972  |
| 57.0  | 1812  | 1049  | 901.6 | 1115  | 2073  | 2517  |
| 60.0  | 1485  | 879.7 | 766.2 | 938.6 | 1720  | 2115  |
| 63.0  | 1206  | 729.3 | 644.3 | 779.8 | 1387  | 1783  |
| 66.0  | 964.7 | 591.4 | 531.2 | 627.9 | 1094  | 1457  |
| 69.0  | 753.4 | 465.1 | 425.0 | 500.0 | 879.3 | 1154  |
| 72.0  | 566.5 | 349.7 | 326.6 | 393.6 | 675.2 | 904.7 |
| 75.0  | 402.2 | 244.2 | 233.0 | 271.9 | 511.2 | 715.3 |
| 78.0  | 257.3 | 147.5 | 142.2 | 182.5 | 360.0 | 540.1 |
| 81.0  | 130.1 | 59.40 | 59.69 | 92.85 | 231.9 | 373.6 |
| 84.0  | 15.43 | 13.49 | 12.03 | 23.81 | 121.2 | 227.5 |
| 87.0  | 15.04 | 13.13 | 11.81 | 13.53 | 17.21 | 103.5 |
| 90.0  | 15.33 | 13.26 | 11.67 | 13.01 | 16.32 | 18.05 |
| 93.0  | 16.41 | 14.41 | 12.81 | 13.81 | 16.58 | 17.95 |
| 96.0  | 17.64 | 15.71 | 14.17 | 15.02 | 17.57 | 18.94 |
| 99.0  | 19.02 | 17.17 | 15.72 | 16.42 | 18.78 | 20.04 |
| 102.0 | 20.53 | 18.71 | 17.43 | 17.96 | 20.06 | 21.33 |
| 105.0 | 22.12 | 20.34 | 19.21 | 19.60 | 21.43 | 22.62 |
| 108.0 | 23.79 | 22.06 | 21.00 | 21.36 | 22.96 | 24.01 |
| 111.0 | 25.61 | 23.92 | 23.01 | 23.25 | 24.70 | 25.58 |
| 114.0 | 27.40 | 25.69 | 24.95 | 25.25 | 26.40 | 27.15 |
| 117.0 | 29.28 | 27.62 | 26.70 | 27.30 | 28.26 | 28.81 |
| 120.0 | 31.23 | 29.67 | 28.84 | 29.50 | 30.26 | 30.58 |
| 123.0 | 32.63 | 31.59 | 30.90 | 31.49 | 32.17 | 32.34 |
| 126.0 | 33.96 | 33.33 | 32.77 | 33.28 | 33.79 | 34.03 |
| 129.0 | 35.39 | 35.26 | 34.70 | 35.20 | 35.34 | 35.69 |
| 132.0 | 36.72 | 36.69 | 36.66 | 36.91 | 36.83 | 37.03 |
| 135.0 | 37.71 | 37.64 | 38.39 | 38.01 | 38.01 | 37.97 |
| 138.0 | 38.82 | 38.72 | 40.32 | 39.18 | 39.08 | 39.01 |
| 141.0 | 40.24 | 40.41 | 40.35 | 40.49 | 40.73 | 40.44 |
| 144.0 | 41.38 | 41.58 | 40.34 | 42.15 | 42.06 | 42.00 |
| 147.0 | 42.50 | 42.02 | 41.34 | 43.11 | 42.66 | 42.92 |
| 150.0 | 44.27 | 44.12 | 42.81 | 44.44 | 44.32 | 43.82 |
| 153.0 | 45.89 | 45.02 | 45.78 | 45.47 | 46.15 | 45.25 |
| 156.0 | 47.95 | 47.72 | 47.29 | 47.38 | 48.31 | 47.06 |
| 159.0 | 49.34 | 49.14 | 47.56 | 48.91 | 49.61 | 48.68 |
| 162.0 | 51.11 | 50.62 | 52.16 | 50.64 | 51.44 | 51.30 |
| 165.0 | 51.91 | 51.70 | 53.02 | 51.87 | 52.57 | 52.42 |
| 168.0 | 52.16 | 52.26 | 52.29 | 52.46 | 53.13 | 53.42 |
| 171.0 | 52.16 | 52.19 | 52.55 | 52.62 | 53.52 | 54.00 |
| 174.0 | 52.06 | 51.90 | 52.40 | 52.52 | 53.72 | 54.40 |
| 177.0 | 51.63 | 51.46 | 52.04 | 52.37 | 53.58 | 54.35 |
| 180.0 | 51.17 | 50.86 | 51.37 | 51.94 | 53.40 | 53.99 |

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators: DAMIN  
 Test Date: 2024-04-16

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.480  
 Humidity: 65.0%  
 Test Distance: 7.100m [K=1.0000]  
 Remarks: