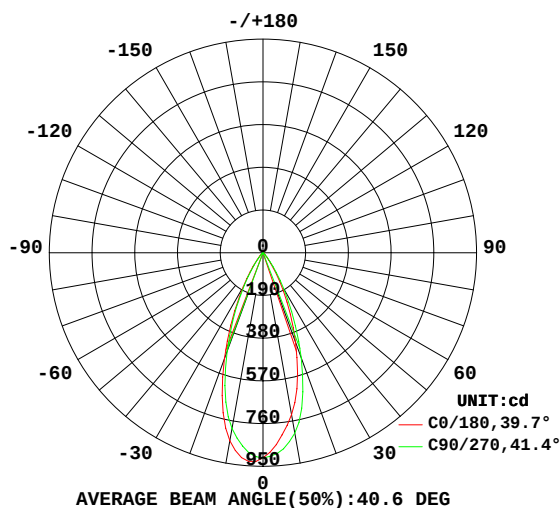


**LUMINAIRE PHOTOMETRIC TEST REPORT**

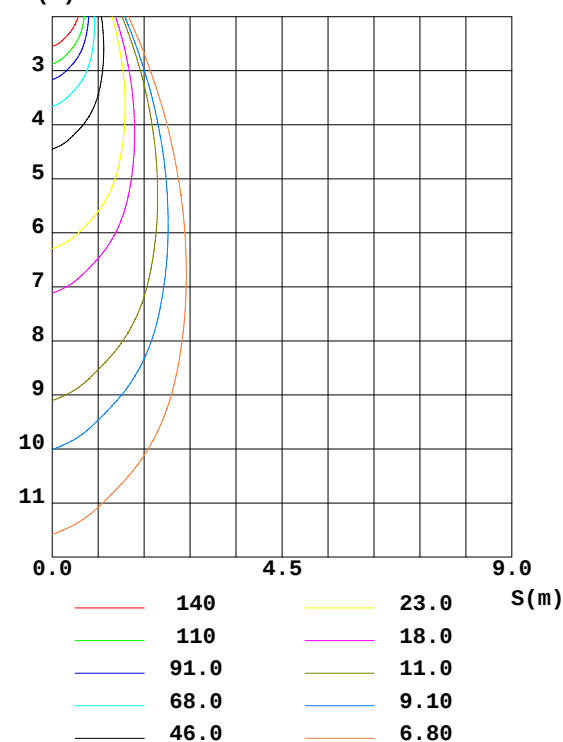
|                                                                  |        |                   |
|------------------------------------------------------------------|--------|-------------------|
| Test:U:24.00V I:0.4160A P:9.984W PF:1.000 Lamp Flux:469.902x1 lm |        |                   |
| NAME: CL-Slim70 3000K 90RA 36D honeycomb DIM                     | TYPE:  | WEIGHT:           |
| .                                                                | SPEC.: | SERIAL No.:       |
| MFR.:                                                            | SUR.:  | PROTECTION ANGLE: |

| DATA OF LAMP     |         | PHOTOMETRIC DATA Eff: 47.07 lm/W |        |                    |           |
|------------------|---------|----------------------------------|--------|--------------------|-----------|
| MODEL            |         | I <sub>max</sub> (cd)            | 930.1  | S/MH(C0/180)       | 0.62      |
| NOMINAL POWER(W) | 10      | LOR(%)                           | 100.0  | S/MH(C90/270)      | 0.67      |
| RATED VOLTAGE(V) | 24      | TOTAL FLUX(lm)                   | 469.90 | η UP, DN(C0-180)   | 0.2, 50.7 |
| NOMINAL FLUX(lm) | 469.902 | CIE CLASS                        | DIRECT | η UP, DN(C180-360) | 0.2, 48.9 |
| LAMPS INSIDE     | 1       | η up(%)                          | 0.4    | CIBSE SHR NOM      | 0.50      |
| TEST VOLTAGE(V)  | 24      | η down(%)                        | 99.6   | CIBSE SHR MAX      | 0.65      |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2026-05-21

γ Range: 0 - 180DEG  
γ Interval: 2.0DEG  
Test System:EVERFINE G0-2000B\_V1 SYSTEM V2.0.262  
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       | 731.4                 | 768.8  | 815.1  | 844.2  | 849.2  | 842.6  | 794.1  | 744.5  | 0- 10    | 81.48       | 81.48        | 17.3,17.3  |
| 20       | 423.9                 | 469.2  | 497.4  | 504.9  | 502.0  | 501.1  | 467.1  | 418.5  | 10- 20   | 179.1       | 260.6        | 55.5,55.5  |
| 30       | 151.0                 | 168.5  | 184.7  | 182.8  | 176.6  | 176.0  | 165.6  | 141.8  | 20- 30   | 138.5       | 399.1        | 84.9,84.9  |
| 40       | 30.51                 | 33.88  | 37.32  | 41.26  | 40.89  | 37.18  | 35.34  | 30.38  | 30- 40   | 54.32       | 453.5        | 96.5,96.5  |
| 50       | 4.277                 | 4.662  | 5.760  | 6.059  | 6.310  | 6.231  | 5.808  | 4.502  | 40- 50   | 12.59       | 466.0        | 99.2,99.2  |
| 60       | 0.3454                | 0.3695 | 0.4314 | 0.4785 | 0.4560 | 0.3808 | 0.3290 | 0.3012 | 50- 60   | 1.914       | 468.0        | 99.6,99.6  |
| 70       | 0.0048                | 0.0001 | 0.0000 | 0.0000 | 0      | 0      | 0      | 0      | 60- 70   | 0.0877      | 468.0        | 99.6,99.6  |
| 80       | 0                     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 70- 80   | 0.0000      | 468.0        | 99.6,99.6  |
| 90       | 0                     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 80- 90   | 0           | 468.0        | 99.6,99.6  |
| 100      | 0                     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 90-100   | 0           | 468.0        | 99.6,99.6  |
| 110      | 0                     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 100-110  | 0           | 468.0        | 99.6,99.6  |
| 120      | 0                     | 0      | 0      | 0      | 0.0142 | 0.0189 | 0.0237 | 0.0283 | 110-120  | 0.0016      | 468.0        | 99.6,99.6  |
| 130      | 0.0706                | 0.0659 | 0.0470 | 0.0376 | 0.1041 | 0.1229 | 0.1277 | 0.1371 | 120-130  | 0.0299      | 468.1        | 99.6,99.6  |
| 140      | 0.3770                | 0.3676 | 0.3392 | 0.3016 | 0.3638 | 0.3969 | 0.4252 | 0.4394 | 130-140  | 0.1619      | 468.2        | 99.6,99.6  |
| 150      | 0.9526                | 0.9290 | 0.8630 | 0.8064 | 0.8454 | 0.9021 | 0.9540 | 0.9871 | 140-150  | 0.3850      | 468.6        | 99.7,99.7  |
| 160      | 1.609                 | 1.571  | 1.514  | 1.453  | 1.473  | 1.525  | 1.582  | 1.624  | 150-160  | 0.5566      | 469.2        | 99.8,99.8  |
| 170      | 2.142                 | 2.123  | 2.099  | 2.062  | 2.091  | 2.119  | 2.152  | 2.171  | 160-170  | 0.5136      | 469.7        | 100,100    |
| 180      | 2.383                 | 2.388  | 2.388  | 2.378  | 2.378  | 2.388  | 2.402  | 2.393  | 170-180  | 0.2149      | 469.9        | 100,100    |
| DEG      | LUMINOUS INTENSITY:cd |        |        |        |        |        |        |        |          | UNIT:lm     |              |            |

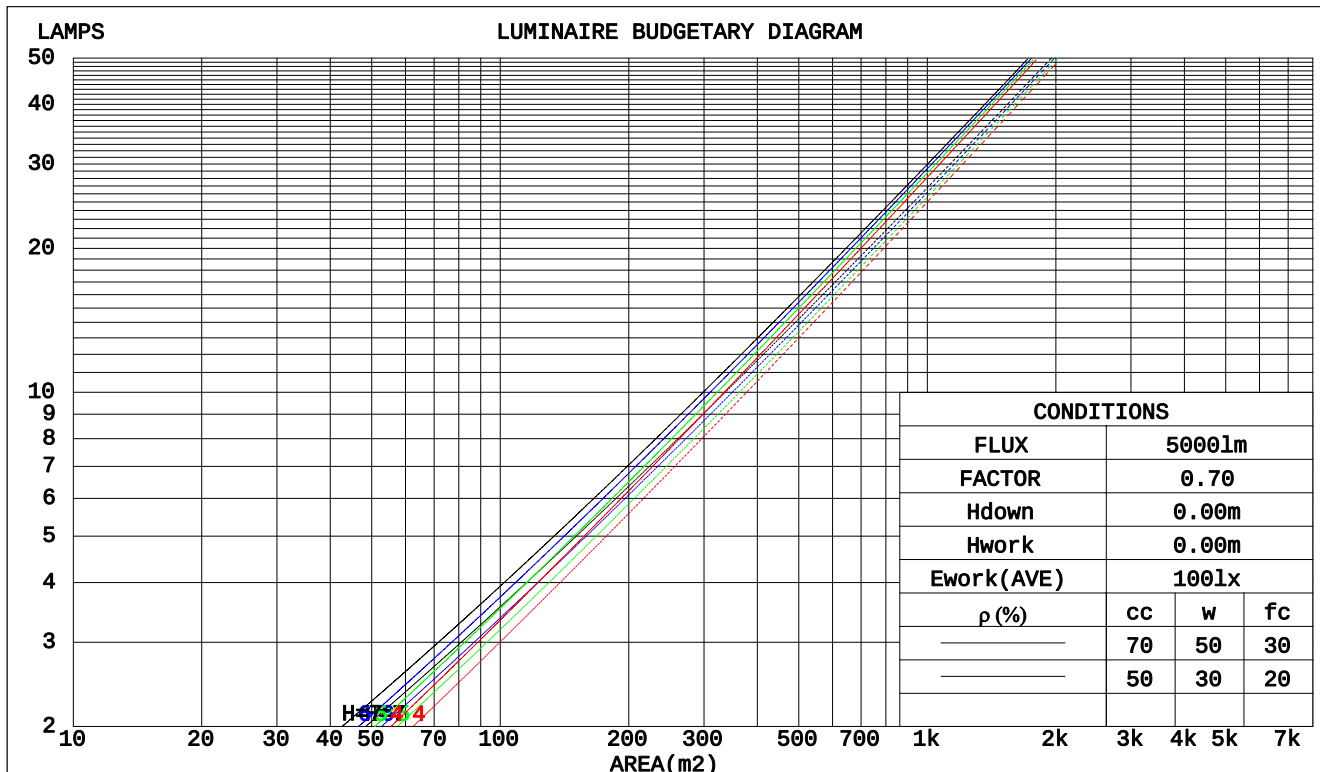
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2026-05-21

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 2.0DEG  
 $\gamma$  Test System:EVERFINE G0-2000B\_V1 SYSTEM V2.0.262  
Humidity:65.0%  
Test Distance:7.100m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

|                                                                  |        |                   |
|------------------------------------------------------------------|--------|-------------------|
| Test:U:24.00V I:0.4160A P:9.984W PF:1.000 Lamp Flux:469.902x1 lm |        |                   |
| NAME: slim70-uls(带蜂窝网)                                           | TYPE:  | WEIGHT:           |
| DIM.:                                                            | SPEC.: | SERIAL No.:       |
| MFR.:                                                            | SUR.:  | PROTECTION ANGLE: |

| $\rho_{cc}$ | 80%                   |      |      | 70%  |      |      | 50%                             |      |      | 30%  |      |      | 10%  |      |      | 0   |
|-------------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|-----|
| $\rho_w$    | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%                             | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0   |
| $\rho_{fc}$ | 20%                   |      |      | 20%  |      |      | 20%                             |      |      | 20%  |      |      | 20%  |      |      | 0   |
| RCR         | RCR:Room Cavity Ratio |      |      |      |      |      | Coefficients of Utilization(CU) |      |      |      |      |      |      |      |      |     |
| 0.0         | 1.19                  | 1.19 | 1.19 | 1.16 | 1.16 | 1.16 | 1.11                            | 1.11 | 1.11 | 1.06 | 1.06 | 1.06 | 1.02 | 1.02 | 1.02 | .00 |
| 1.0         | 1.12                  | 1.09 | 1.07 | 1.09 | 1.07 | 1.06 | 1.05                            | 1.04 | 1.02 | 1.02 | 1.00 | .99  | .98  | .97  | .96  | .95 |
| 2.0         | 1.05                  | 1.01 | .98  | 1.03 | 1.00 | .97  | 1.00                            | .97  | .95  | .97  | .95  | .93  | .94  | .93  | .91  | .90 |
| 3.0         | .99                   | .95  | .91  | .98  | .94  | .91  | .95                             | .92  | .89  | .93  | .90  | .88  | .90  | .88  | .86  | .85 |
| 4.0         | .94                   | .89  | .85  | .93  | .88  | .85  | .91                             | .87  | .84  | .89  | .85  | .83  | .87  | .84  | .82  | .80 |
| 5.0         | .89                   | .84  | .80  | .88  | .83  | .80  | .86                             | .82  | .79  | .85  | .81  | .78  | .83  | .80  | .78  | .76 |
| 6.0         | .85                   | .79  | .76  | .84  | .79  | .75  | .82                             | .78  | .75  | .81  | .77  | .74  | .80  | .76  | .74  | .72 |
| 7.0         | .80                   | .75  | .72  | .80  | .75  | .71  | .79                             | .74  | .71  | .77  | .74  | .71  | .76  | .73  | .70  | .69 |
| 8.0         | .77                   | .72  | .68  | .76  | .71  | .68  | .75                             | .71  | .68  | .74  | .70  | .67  | .73  | .70  | .67  | .66 |
| 9.0         | .73                   | .68  | .65  | .73  | .68  | .65  | .72                             | .68  | .64  | .71  | .67  | .64  | .70  | .67  | .64  | .63 |
| 10.0        | .70                   | .65  | .62  | .70  | .65  | .62  | .69                             | .65  | .62  | .68  | .64  | .61  | .68  | .64  | .61  | .60 |



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2026-05-21

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 2.0DEG  
Test System:EVERFINE G0-2000B\_V1 SYSTEM V2.0.262  
Humidity:65.0%  
Test Distance:7.100m [K=1.0000]  
Remarks:

**WEC AND CCEC**

|                                                                  |  |  |  |  |        |  |  |                   |  |
|------------------------------------------------------------------|--|--|--|--|--------|--|--|-------------------|--|
| Test:U:24.00V I:0.4160A P:9.984W PF:1.000 Lamp Flux:469.902x1 lm |  |  |  |  |        |  |  |                   |  |
| NAME: slim70-uls(带蜂窝网)                                           |  |  |  |  | TYPE:  |  |  | WEIGHT:           |  |
| DIM.:                                                            |  |  |  |  | SPEC.: |  |  | SERIAL No.:       |  |
| MFR.:                                                            |  |  |  |  | SUR.:  |  |  | PROTECTION ANGLE: |  |

| $\rho_{cc}$ | 80%                   |      |      | 70%  |      |      | 50%                             |      |      | 30%  |      |      | 10%  |      |      | 0 |  |
|-------------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|---|--|
| $\rho_w$    | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%                             | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |  |
| $\rho_{fc}$ | 20%                   |      |      | 20%  |      |      | 20%                             |      |      | 20%  |      |      | 20%  |      |      | 0 |  |
| RCR         | RCR:Room Cavity Ratio |      |      |      |      |      | Wall Exitance Coefficients(WEC) |      |      |      |      |      |      |      |      |   |  |
| 0.0         |                       |      |      |      |      |      |                                 |      |      |      |      |      |      |      |      |   |  |
| 1.0         | .159                  | .091 | .029 | .153 | .087 | .028 | .140                            | .080 | .026 | .128 | .074 | .024 | .117 | .068 | .022 |   |  |
| 2.0         | .151                  | .083 | .025 | .145 | .080 | .025 | .135                            | .075 | .023 | .125 | .070 | .022 | .116 | .065 | .021 |   |  |
| 3.0         | .143                  | .076 | .023 | .138 | .074 | .022 | .129                            | .070 | .021 | .121 | .066 | .020 | .113 | .063 | .019 |   |  |
| 4.0         | .136                  | .070 | .021 | .131 | .069 | .020 | .124                            | .066 | .020 | .117 | .063 | .019 | .110 | .060 | .018 |   |  |
| 5.0         | .129                  | .066 | .019 | .125 | .064 | .019 | .119                            | .062 | .018 | .113 | .059 | .018 | .107 | .057 | .017 |   |  |
| 6.0         | .123                  | .062 | .018 | .120 | .061 | .017 | .114                            | .058 | .017 | .109 | .056 | .017 | .104 | .055 | .016 |   |  |
| 7.0         | .118                  | .058 | .016 | .115 | .057 | .016 | .110                            | .055 | .016 | .105 | .054 | .016 | .100 | .052 | .015 |   |  |
| 8.0         | .113                  | .055 | .015 | .110 | .054 | .015 | .106                            | .053 | .015 | .101 | .051 | .015 | .097 | .050 | .015 |   |  |
| 9.0         | .108                  | .052 | .015 | .106 | .052 | .014 | .102                            | .050 | .014 | .098 | .049 | .014 | .094 | .048 | .014 |   |  |
| 10.0        | .104                  | .050 | .014 | .102 | .049 | .014 | .098                            | .048 | .014 | .095 | .047 | .013 | .091 | .046 | .013 |   |  |

| 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  | .193                  | .193 | .193 | .165 | .165 | .165 | .113                                       | .113 | .113 | .065 | .065 | .065 | .021 | .021 | .021 |   |
| 1.0  | .173                  | .161 | .149 | .148 | .138 | .129 | .101                                       | .095 | .089 | .058 | .055 | .052 | .019 | .018 | .017 |   |
| 2.0  | .157                  | .136 | .118 | .134 | .117 | .102 | .092                                       | .081 | .071 | .053 | .047 | .042 | .017 | .015 | .014 |   |
| 3.0  | .143                  | .117 | .095 | .123 | .101 | .083 | .084                                       | .070 | .058 | .049 | .041 | .034 | .016 | .013 | .011 |   |
| 4.0  | .132                  | .102 | .078 | .113 | .088 | .068 | .078                                       | .061 | .048 | .045 | .036 | .028 | .014 | .012 | .009 |   |
| 5.0  | .123                  | .090 | .065 | .105 | .078 | .057 | .073                                       | .054 | .040 | .042 | .032 | .024 | .014 | .010 | .008 |   |
| 6.0  | .115                  | .080 | .055 | .099 | .069 | .048 | .068                                       | .049 | .034 | .039 | .029 | .020 | .013 | .009 | .007 |   |
| 7.0  | .108                  | .072 | .047 | .093 | .063 | .041 | .064                                       | .044 | .029 | .037 | .026 | .017 | .012 | .008 | .006 |   |
| 8.0  | .102                  | .066 | .041 | .088 | .057 | .036 | .061                                       | .040 | .025 | .035 | .024 | .015 | .011 | .008 | .005 |   |
| 9.0  | .097                  | .061 | .036 | .083 | .053 | .032 | .058                                       | .037 | .022 | .034 | .022 | .013 | .011 | .007 | .004 |   |
| 10.0 | .092                  | .056 | .032 | .079 | .049 | .028 | .055                                       | .034 | .020 | .032 | .020 | .012 | .010 | .007 | .004 |   |

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2026-05-21

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 2.0DEG  
Test System:EVERFINE G0-2000B\_V1 SYSTEM V2.0.262  
Humidity:65.0%  
Test Distance:7.100m [K=1.0000]  
Remarks:

### Uncorrected UGR Table

|                                                                  |               |                  |      |     |     |               |                |                   |     |     |  |
|------------------------------------------------------------------|---------------|------------------|------|-----|-----|---------------|----------------|-------------------|-----|-----|--|
| Test:U:24.00V I:0.4160A P:9.984W PF:1.000 Lamp Flux:469.902x1 lm |               |                  |      |     |     |               |                |                   |     |     |  |
| NAME: slim70-uls(带蜂窝网)                                           |               |                  |      |     |     | TYPE:         |                | WEIGHT:           |     |     |  |
| DIM.:                                                            |               |                  |      |     |     | SPEC.:        |                | SERIAL No.:       |     |     |  |
| MFR.:                                                            |               |                  |      |     |     | SUR.:         |                | PROTECTION 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                                                    | 0.5           | 1.4              | 0.8  | 1.5 | 1.7 | 1.6           | 2.4            | 1.8               | 2.6 | 2.8 |  |
|                                                                  | 3H            | 0.4              | 1.1  | 0.6 | 1.3 | 1.5           | 1.4            | 2.2               | 1.7 | 2.4 |  |
|                                                                  | 4H            | 0.3              | 1.0  | 0.6 | 1.2 | 1.5           | 1.4            | 2.1               | 1.6 | 2.3 |  |
|                                                                  | 6H            | 0.2              | 0.9  | 0.5 | 1.1 | 1.4           | 1.3            | 1.9               | 1.6 | 2.2 |  |
|                                                                  | 8H            | 0.2              | 0.8  | 0.5 | 1.1 | 1.3           | 1.2            | 1.9               | 1.5 | 2.1 |  |
|                                                                  | 12H           | 0.1              | 0.7  | 0.4 | 1.0 | 1.3           | 1.2            | 1.8               | 1.5 | 2.1 |  |
| 4H                                                               | 2H            | 0.3              | 1.0  | 0.6 | 1.2 | 1.5           | 1.4            | 2.1               | 1.6 | 2.3 |  |
|                                                                  | 3H            | 0.1              | 0.7  | 0.4 | 1.0 | 1.3           | 1.2            | 1.8               | 1.5 | 2.1 |  |
|                                                                  | 4H            | 0.0              | 0.6  | 0.4 | 0.9 | 1.2           | 1.1            | 1.6               | 1.4 | 1.9 |  |
|                                                                  | 6H            | -0.1             | 0.4  | 0.3 | 0.8 | 1.1           | 1.0            | 1.5               | 1.4 | 1.8 |  |
|                                                                  | 8H            | -0.1             | 0.3  | 0.3 | 0.7 | 1.1           | 0.9            | 1.4               | 1.3 | 1.7 |  |
|                                                                  | 12H           | -0.2             | 0.2  | 0.2 | 0.6 | 1.0           | 0.9            | 1.3               | 1.3 | 1.7 |  |
| 8H                                                               | 4H            | -0.1             | 0.3  | 0.3 | 0.7 | 1.1           | 0.9            | 1.4               | 1.3 | 1.7 |  |
|                                                                  | 6H            | -0.2             | 0.1  | 0.2 | 0.5 | 1.0           | 0.8            | 1.2               | 1.3 | 1.6 |  |
|                                                                  | 8H            | -0.3             | 0.0  | 0.2 | 0.5 | 0.9           | 0.8            | 1.1               | 1.2 | 1.5 |  |
|                                                                  | 12H           | -0.4             | -0.1 | 0.1 | 0.4 | 0.9           | 0.7            | 1.0               | 1.2 | 1.4 |  |
| 12H                                                              | 4H            | -0.2             | 0.2  | 0.2 | 0.6 | 1.0           | 0.9            | 1.3               | 1.3 | 1.7 |  |
|                                                                  | 6H            | -0.3             | 0.0  | 0.2 | 0.5 | 0.9           | 0.8            | 1.1               | 1.2 | 1.5 |  |
|                                                                  | 8H            | -0.4             | -0.1 | 0.1 | 0.4 | 0.9           | 0.7            | 1.0               | 1.2 | 1.4 |  |
| Variations with the observer position at spacings:               |               |                  |      |     |     |               |                |                   |     |     |  |
| S = 1.0H                                                         | + 3.5 / -20.0 |                  |      |     |     | + 3.9 / -17.9 |                |                   |     |     |  |
| 1.5H                                                             | + 5.8 / -14.1 |                  |      |     |     | + 6.1 / -13.3 |                |                   |     |     |  |
| 2.0H                                                             | + 7.4 / -24.0 |                  |      |     |     | + 6.8 / -21.0 |                |                   |     |     |  |

CIE Pub.117 Corrected 469.9 lm Total Lamp Luminous Flux.(8log(F/F0) = -2.6)

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2026-05-21

γ Range: 0 - 180DEG  
γ Interval: 2.0DEG  
Test System:EVERFINE G0-2000B\_V1 SYSTEM V2.0.262  
Humidity:65.0%  
Test Distance:7.100m [K=1.0000]  
Remarks:

## UTILIZATION FACTORS TABLE

|                                                                  |        |                   |
|------------------------------------------------------------------|--------|-------------------|
| Test:U:24.00V I:0.4160A P:9.984W PF:1.000 Lamp Flux:469.902x1 lm |        |                   |
| NAME: slim70-uls(带蜂窝网)                                           | TYPE:  | WEIGHT:           |
| DIM.:                                                            | SPEC.: | SERIAL No.:       |
| MFR.:                                                            | SUR.:  | PROTECTION ANGLE: |

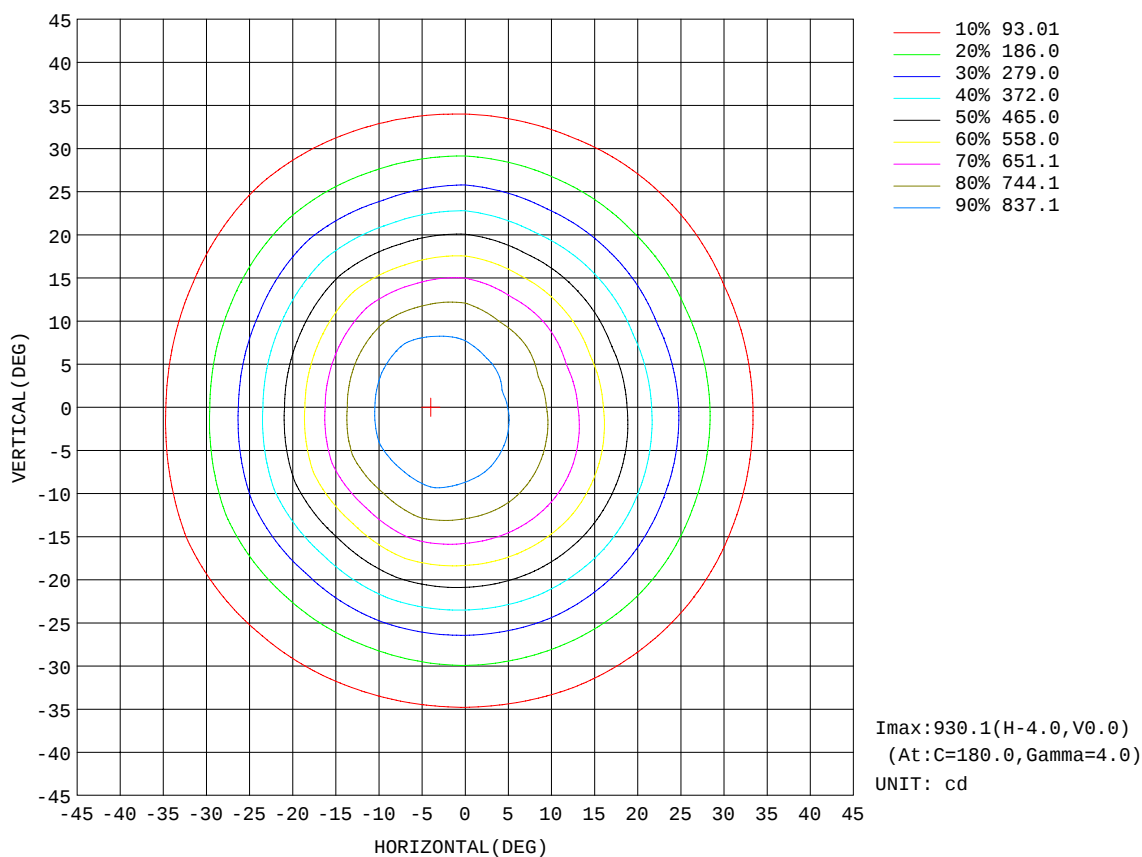
| REFLECTANCE                      |                                                     |     |           |     |     |     |     |               |     |        |
|----------------------------------|-----------------------------------------------------|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| 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) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |               |     |        |
| $k = 0.60$                       | 89                                                  | 83  | 80        | 89  | 83  | 80  | 88  | 83            | 80  | 76     |
| 0.80                             | 97                                                  | 91  | 88        | 96  | 91  | 88  | 95  | 90            | 87  | 84     |
| 1.00                             | 101                                                 | 95  | 92        | 100 | 95  | 92  | 98  | 95            | 91  | 87     |
| 1.25                             | 104                                                 | 100 | 96        | 103 | 99  | 96  | 101 | 98            | 95  | 91     |
| 1.50                             | 107                                                 | 103 | 99        | 106 | 102 | 99  | 103 | 100           | 98  | 93     |
| 2.00                             | 109                                                 | 105 | 102       | 108 | 104 | 102 | 105 | 102           | 100 | 95     |
| 2.50                             | 111                                                 | 107 | 104       | 109 | 106 | 104 | 106 | 104           | 102 | 96     |
| 3.00                             | 112                                                 | 109 | 107       | 110 | 108 | 105 | 107 | 105           | 103 | 97     |
| 4.00                             | 114                                                 | 112 | 110       | 112 | 110 | 108 | 108 | 107           | 105 | 98     |
| 5.00                             | 115                                                 | 113 | 112       | 113 | 111 | 110 | 109 | 108           | 107 | 99     |
| 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:25.3DEG  
Operators:  
Test Date:2026-05-21

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 2.0DEG  
Test System:EVERFINE G0-2000B\_V1 SYSTEM V2.0.262  
Humidity:65.0%  
Test Distance:7.100m [K=1.0000]  
Remarks:

### ISOCANDELA DIAGRAM

|                                                                  |        |                   |
|------------------------------------------------------------------|--------|-------------------|
| Test:U:24.00V I:0.4160A P:9.984W PF:1.000 Lamp Flux:469.902x1 lm |        |                   |
| NAME: slim70-uls(带蜂窝网)                                           | TYPE:  | WEIGHT:           |
| DIM.:                                                            | SPEC.: | SERIAL No.:       |
| MFR.:                                                            | SUR.:  | PROTECTION ANGLE: |

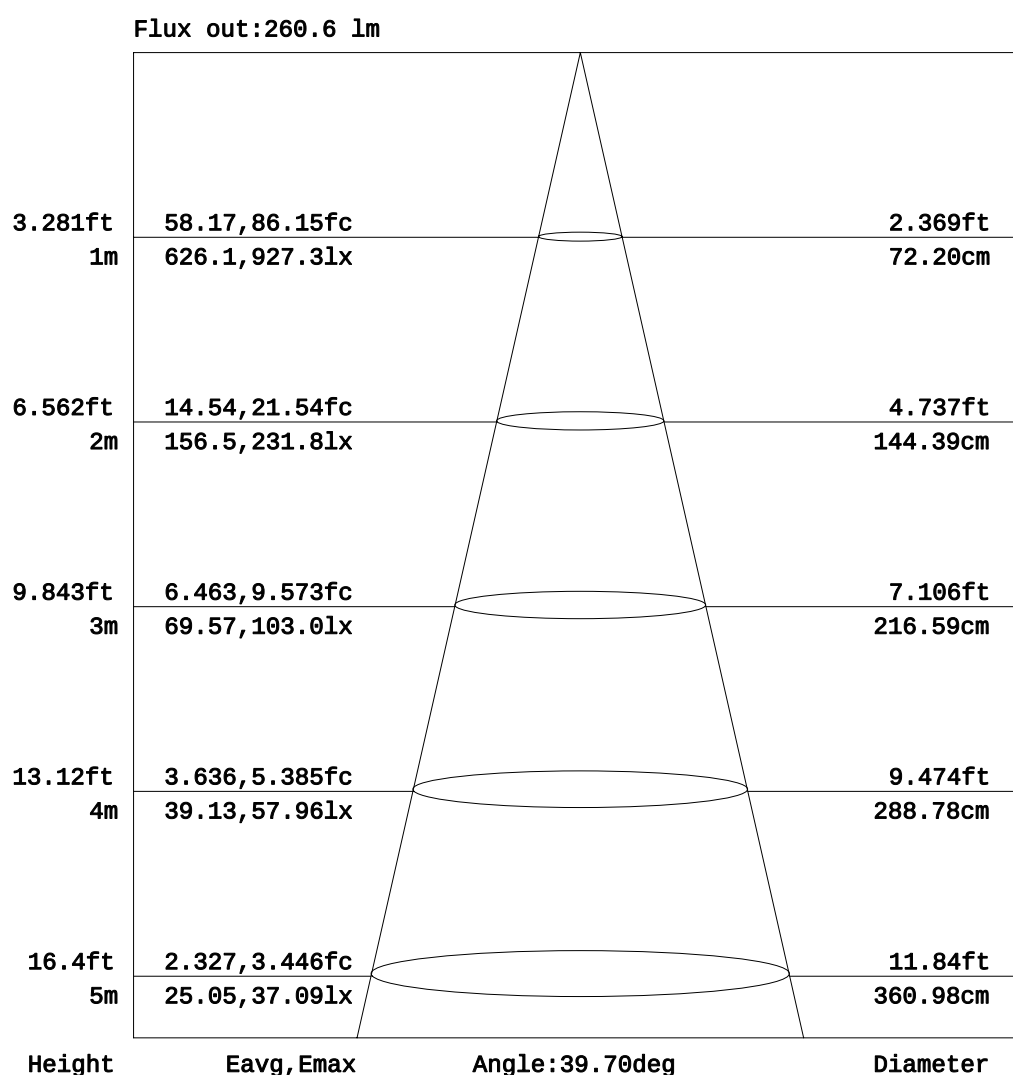


C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2026-05-21

γ Range: 0 - 180DEG  
γ Interval: 2.0DEG  
Test System:EVERFINE G0-2000B\_V1 SYSTEM V2.0.262  
Humidity:65.0%  
Test Distance:7.100m [K=1.0000]  
Remarks:

### AAI Figure

|                                                                  |        |                   |
|------------------------------------------------------------------|--------|-------------------|
| Test:U:24.00V I:0.4160A P:9.984W PF:1.000 Lamp Flux:469.902x1 lm |        |                   |
| NAME: slim70-uls(带蜂窝网)                                           | TYPE:  | WEIGHT:           |
| DIM.:                                                            | SPEC.: | SERIAL No.:       |
| MFR.:                                                            | SUR.:  | PROTECTION ANGLE: |



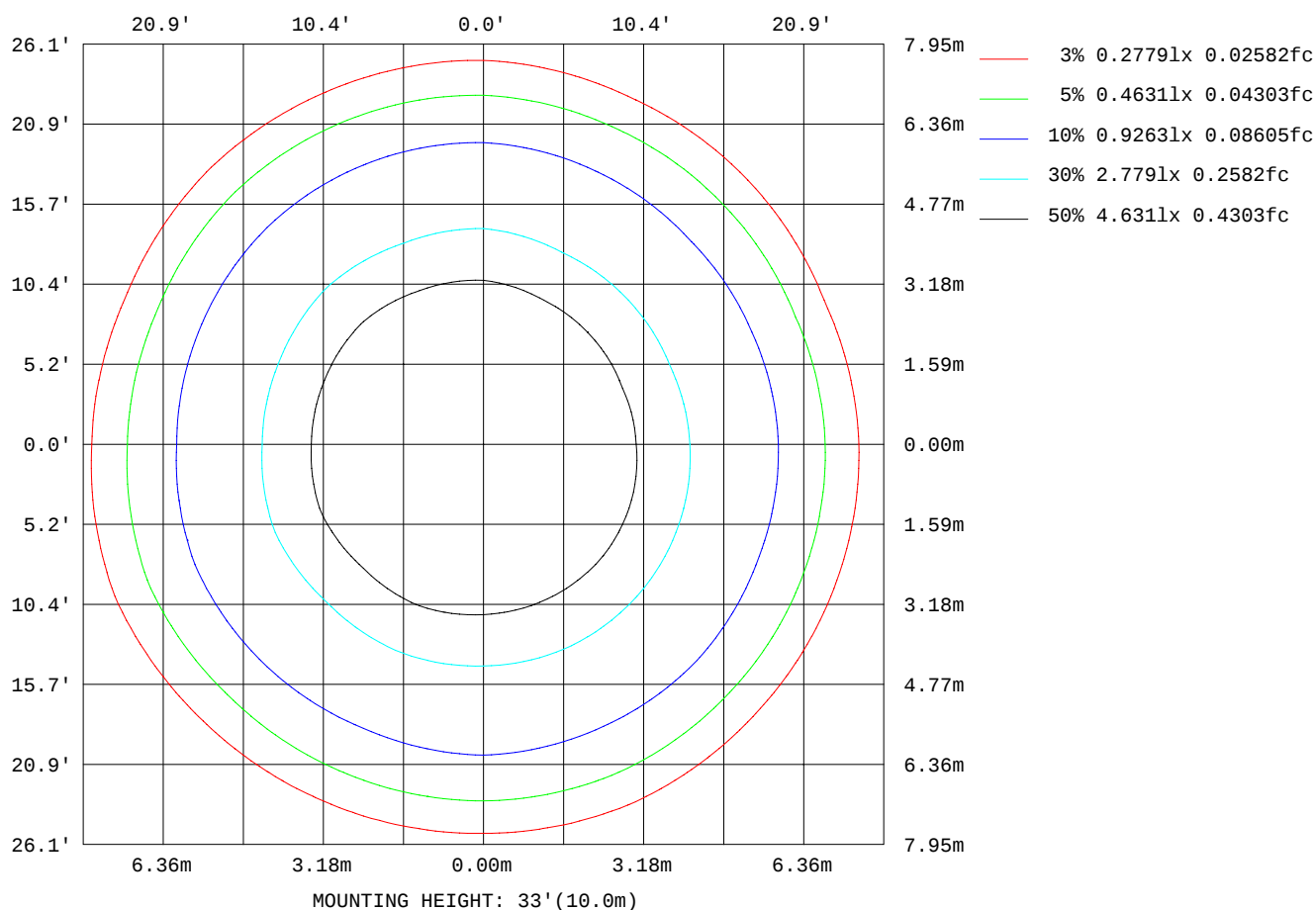
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2026-05-21

γ Range: 0 - 180DEG  
γ Interval: 2.0DEG  
Test System:EVERFINE G0-2000B\_V1 SYSTEM V2.0.262  
Humidity:65.0%  
Test Distance:7.100m [K=1.0000]  
Remarks:

### ISOLUX DIAGRAM

|                                                                  |        |                   |
|------------------------------------------------------------------|--------|-------------------|
| Test:U:24.00V I:0.4160A P:9.984W PF:1.000 Lamp Flux:469.902x1 lm |        |                   |
| NAME: slim70-uls(带蜂窝网)                                           | TYPE:  | WEIGHT:           |
| DIM.:                                                            | SPEC.: | SERIAL No.:       |
| MFR.:                                                            | SUR.:  | PROTECTION ANGLE: |



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2026-05-21

γ Range: 0 - 180DEG  
γ Interval: 2.0DEG  
Test System:EVERFINE G0-2000B\_V1 SYSTEM V2.0.262  
Humidity:65.0%  
Test Distance:7.100m [K=1.0000]  
Remarks:

### Average Luminance Table(CIBSE)

|                                                                  |        |                   |
|------------------------------------------------------------------|--------|-------------------|
| Test:U:24.00V I:0.4160A P:9.984W PF:1.000 Lamp Flux:469.902x1 lm |        |                   |
| NAME: slim70-uls(带蜂窝网)                                           | TYPE:  | WEIGHT:           |
| DIM.:                                                            | SPEC.: | SERIAL No.:       |
| MFR.:                                                            | SUR.:  | PROTECTION ANGLE: |

| Parameter description for average Luminance            | Symbol | Value         | Unit     |
|--------------------------------------------------------|--------|---------------|----------|
| Luminance in Azimuth Plane                             | Bc     | refer Table 2 | cd/sq.m. |
| Intensity at angle Gamma in given azimuth plane        | I      | from data     | cd/klm   |
| Number of lamps                                        | N      | 1             |          |
| Output of each lamp(initial lumens as specified)       | F      | 469.902       | lm       |
| Multiplying factor                                     | K      | 1             |          |
| Luminous area in horizontal plane used in calculations | A      | 0.1           | sq.m.    |
| Angle to the downward vertical from light centre       | Gamma  | from data     | deg      |

Table 1. Calculation parameters for determination of CIBSE LG3:1996 Average Luminance

| G   | C plane(deg) |    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |
|-----|--------------|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| deg | 0            | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 120 | 130 | 140 | 150 | 160 | 170 | 180 |
| 55  | 19           | 21 | 22 | 23 | 24 | 26 | 30 | 32 | 33 | 34 | 36  | 38  | 37  | 35  | 35  | 37  | 38  | 37  | 36  |
| 60  | 7            | 6  | 6  | 6  | 7  | 8  | 8  | 8  | 8  | 9  | 8   | 8   | 8   | 9   | 10  | 10  | 10  | 10  | 9   |
| 65  | 2            | 1  | 0  | 1  | 1  | 2  | 1  | 1  | 1  | 1  | 1   | 0   | 0   | 1   | 1   | 1   | 0   | 0   | 0   |
| 70  | 0            | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| 75  | 0            | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| 80  | 0            | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| 85  | 0            | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |

Table 2. Average Luminance(cd/sq.m.) for defined C plane,Gamma angle

| CIBSE Category | Gamma (deg) | Average Luminance  |                   | Patch Luminance  |                   |
|----------------|-------------|--------------------|-------------------|------------------|-------------------|
|                |             | maximum calculated | specified maximum | maximum measured | specified maximum |
| Category 1     | 55 to 90    | 38                 | 200               | ---              | 500               |
| Category 2     | 65 to 90    | 2                  | 200               | ---              | 500               |
| Category 3     | 75 to 90    | 0                  | 200               | ---              | 500               |

Table 3. Tabulation of Average and Patch Luminance(cd/sq.m.) for defined CIBSE categories

No match

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2026-05-21

γ Range: 0 - 180DEG  
γ Interval: 2.0DEG  
Test System:EVERFINE G0-2000B\_V1 SYSTEM V2.0.262  
Humidity:65.0%  
Test Distance:7.100m [K=1.0000]  
Remarks:

### Average Luminance Table(CIBSE)

|                                                                  |        |                   |
|------------------------------------------------------------------|--------|-------------------|
| Test:U:24.00V I:0.4160A P:9.984W PF:1.000 Lamp Flux:469.902x1 lm |        |                   |
| NAME: slim70-uls(带蜂窝网)                                           | TYPE:  | WEIGHT:           |
| DIM.:                                                            | SPEC.: | SERIAL No.:       |
| MFR.:                                                            | SUR.:  | PROTECTION ANGLE: |

| Parameter description for average Luminance            | Symbol | Value         | Unit     |
|--------------------------------------------------------|--------|---------------|----------|
| Luminance in Azimuth Plane                             | Bc     | refer Table 2 | cd/sq.m. |
| Intensity at angle Gamma in given azimuth plane        | I      | from data     | cd/klm   |
| Number of lamps                                        | N      | 1             |          |
| Output of each lamp(initial lumens as specified)       | F      | 469.902       | lm       |
| Multiplying factor                                     | K      | 1             |          |
| Luminous area in horizontal plane used in calculations | A      | 0.1           | sq.m.    |
| Angle to the downward vertical from light centre       | Gamma  | from data     | deg      |

Table 1. Calculation parameters for determination of CIBSE LG3:2001 Average Luminance

| G<br>deg | C plane(deg) |    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |
|----------|--------------|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|          | 0            | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 120 | 130 | 140 | 150 | 160 | 170 | 180 |
| 55       | 19           | 21 | 22 | 23 | 24 | 26 | 30 | 32 | 33 | 34 | 36  | 38  | 37  | 35  | 35  | 37  | 38  | 37  | 36  |
| 60       | 7            | 6  | 6  | 6  | 7  | 8  | 8  | 8  | 8  | 9  | 8   | 8   | 8   | 9   | 10  | 10  | 10  | 10  | 9   |
| 65       | 2            | 1  | 0  | 1  | 1  | 2  | 1  | 1  | 1  | 1  | 1   | 0   | 0   | 1   | 1   | 1   | 0   | 0   | 0   |
| 70       | 0            | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| 75       | 0            | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| 80       | 0            | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| 85       | 0            | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |

Table 2. Average Luminance(cd/sq.m.) for defined C plane,Gamma angle

| range<br>(deg) | Maximum<br>measured | Average Luminance(cd/sq.m)                             |                                     |                                    |                                    |
|----------------|---------------------|--------------------------------------------------------|-------------------------------------|------------------------------------|------------------------------------|
|                |                     | Maximum limit for screen type & software category used |                                     |                                    |                                    |
|                |                     | Type I,II screen<br>Some neg.s'ware                    | Type I,II screen<br>Only pos.s'ware | Type III screen<br>Some neg.s'ware | Type III screen<br>Only pos.s'ware |
| 55 to 90       | 38                  | 1000                                                   | 1500                                | 200                                | 500                                |
| 65 to 90       | 2                   | 1000                                                   | 1500                                | 200                                | 500                                |

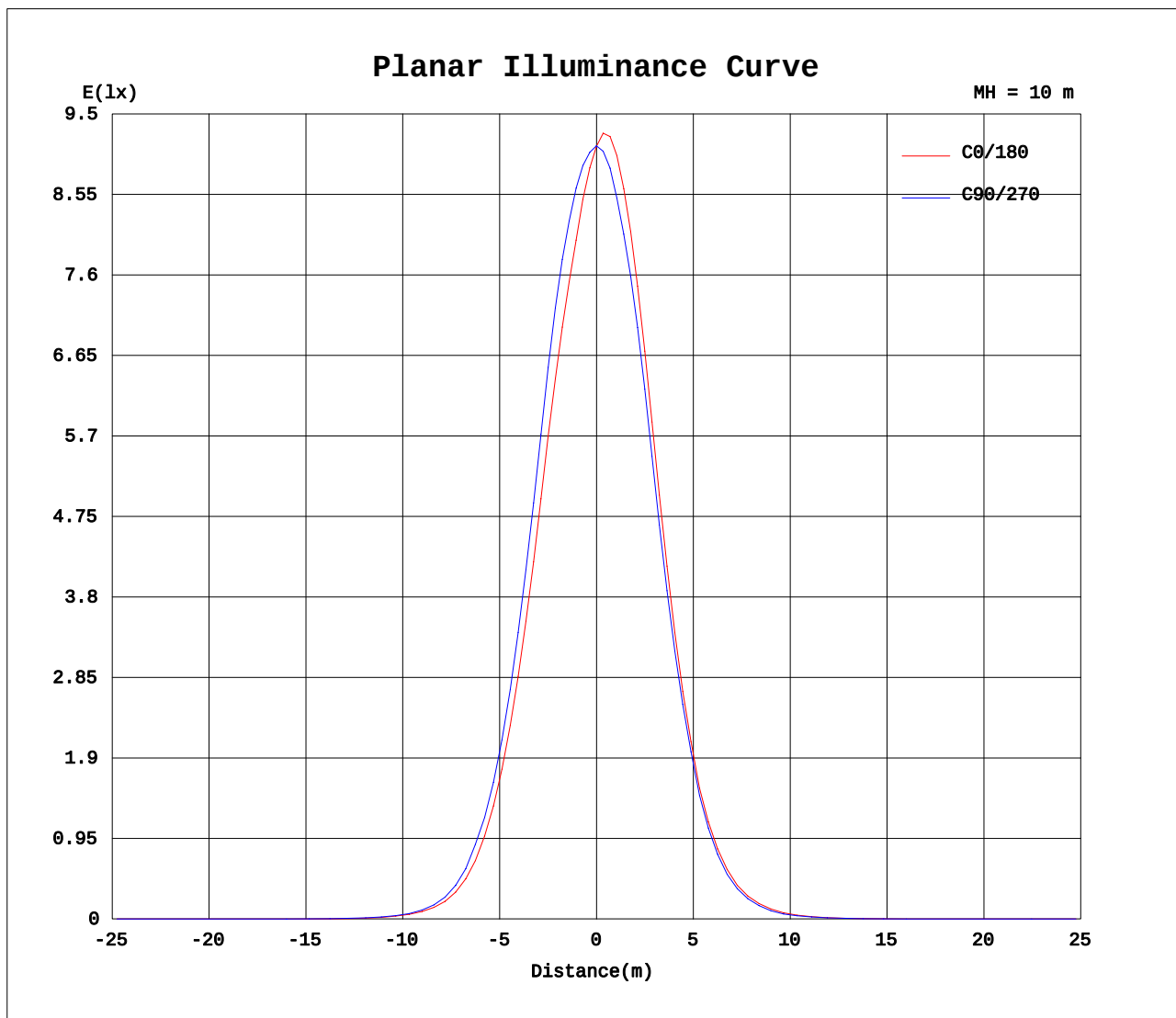
Table 3. Tabulation of average luminance(cd/sq.m.) and luminance limits

The luminaire satisfies the specified luminance criteria for  
Negative Software with Type I & II Screen(Good to Moderate treatment).

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2026-05-21

γ Range: 0 - 180DEG  
γ Interval: 2.0DEG  
Test System:EVERFINE G0-2000B\_V1 SYSTEM V2.0.262  
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: 25.3DEG  
Operators:  
Test Date: 2026-05-21

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 2.0DEG  
Test System: EVERFINE G0-2000B\_V1 SYSTEM V2.0.262  
Humidity: 65.0%  
Test Distance: 7.100m [K=1.0000]  
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |                   |  |  |
|------------------------------------------------------------------|--|--|--|--|--|--|--|--|--------|--|--|--|--|--|-------------------|--|--|
| Test:U:24.00V I:0.4160A P:9.984W PF:1.000 Lamp Flux:469.902x1 lm |  |  |  |  |  |  |  |  |        |  |  |  |  |  |                   |  |  |
| NAME: slim70-uls(带蜂窝网)                                           |  |  |  |  |  |  |  |  | TYPE:  |  |  |  |  |  | WEIGHT:           |  |  |
| DIM.:                                                            |  |  |  |  |  |  |  |  | SPEC.: |  |  |  |  |  | SERIAL No.:       |  |  |
| MFR.:                                                            |  |  |  |  |  |  |  |  | SUR.:  |  |  |  |  |  | PROTECTION ANGLE: |  |  |

Table--1

UNIT: cd

| C(DEG)<br>γ (DEG) | 0    | 23   | 45   | 68   | 90   | 113  | 135  | 158  | 180  | 203  | 225  | 248  | 270  | 293  | 315  | 338  |  |  |  |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|
| 0                 | 912  | 914  | 913  | 914  | 912  | 911  | 910  | 908  | 912  | 914  | 913  | 914  | 912  | 911  | 910  | 908  |  |  |  |
| 5                 | 856  | 864  | 870  | 881  | 896  | 909  | 921  | 929  | 930  | 928  | 920  | 906  | 893  | 876  | 864  | 849  |  |  |  |
| 10                | 731  | 748  | 769  | 793  | 815  | 839  | 844  | 855  | 849  | 849  | 843  | 816  | 794  | 761  | 745  | 725  |  |  |  |
| 15                | 624  | 649  | 675  | 694  | 713  | 739  | 736  | 751  | 734  | 735  | 732  | 703  | 685  | 646  | 631  | 612  |  |  |  |
| 20                | 424  | 447  | 469  | 486  | 497  | 512  | 505  | 523  | 502  | 499  | 501  | 476  | 467  | 432  | 419  | 409  |  |  |  |
| 25                | 300  | 315  | 332  | 348  | 355  | 364  | 358  | 373  | 353  | 349  | 354  | 333  | 332  | 301  | 291  | 284  |  |  |  |
| 30                | 151  | 157  | 168  | 178  | 185  | 182  | 183  | 191  | 177  | 174  | 176  | 168  | 166  | 152  | 142  | 143  |  |  |  |
| 35                | 83.5 | 88.0 | 93.8 | 101  | 105  | 104  | 105  | 112  | 103  | 98.1 | 100  | 96.2 | 92.7 | 84.6 | 80.4 | 78.0 |  |  |  |
| 40                | 30.5 | 31.7 | 33.9 | 36.8 | 37.3 | 38.7 | 41.3 | 44.5 | 40.9 | 37.4 | 37.2 | 36.0 | 35.3 | 32.0 | 30.4 | 28.6 |  |  |  |
| 45                | 15.4 | 15.6 | 16.5 | 17.5 | 17.3 | 18.7 | 20.3 | 21.1 | 19.8 | 18.6 | 18.8 | 17.7 | 16.3 | 14.8 | 14.8 | 14.2 |  |  |  |
| 50                | 4.28 | 4.47 | 4.66 | 5.71 | 5.76 | 6.22 | 6.06 | 6.57 | 6.31 | 6.28 | 6.23 | 6.00 | 5.81 | 5.18 | 4.50 | 3.87 |  |  |  |
| 55                | 1.50 | 1.69 | 1.82 | 2.36 | 2.52 | 2.76 | 2.57 | 2.79 | 2.61 | 2.72 | 2.63 | 2.71 | 2.50 | 2.17 | 1.74 | 1.46 |  |  |  |
| 60                | 0.35 | 0.30 | 0.37 | 0.39 | 0.43 | 0.40 | 0.48 | 0.50 | 0.46 | 0.37 | 0.38 | 0.42 | 0.33 | 0.32 | 0.30 | 0.30 |  |  |  |
| 65                | 0.10 | 0.04 | 0.10 | 0.09 | 0.10 | 0.02 | 0.10 | 0.04 | 0.02 | 0.07 | 0.03 | 0.10 | 0.01 | 0.07 | 0.06 | 0.07 |  |  |  |
| 70                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |
| 75                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |
| 80                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |
| 85                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |
| 90                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |
| 95                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |
| 100               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |
| 105               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |
| 110               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |
| 115               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |
| 120               | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.02 | 0.00 | 0.02 | 0.00 | 0.03 | 0.00 |  |  |  |
| 125               | 0.00 | 0.03 | 0.00 | 0.03 | 0.00 | 0.03 | 0.00 | 0.03 | 0.04 | 0.00 | 0.04 | 0.00 | 0.05 | 0.00 | 0.05 | 0.00 |  |  |  |
| 130               | 0.07 | 0.11 | 0.07 | 0.10 | 0.05 | 0.09 | 0.04 | 0.09 | 0.10 | 0.07 | 0.12 | 0.08 | 0.13 | 0.08 | 0.14 | 0.09 |  |  |  |
| 135               | 0.16 | 0.21 | 0.16 | 0.19 | 0.14 | 0.17 | 0.12 | 0.16 | 0.19 | 0.15 | 0.20 | 0.16 | 0.22 | 0.17 | 0.22 | 0.18 |  |  |  |
| 140               | 0.38 | 0.41 | 0.37 | 0.40 | 0.34 | 0.36 | 0.30 | 0.34 | 0.36 | 0.34 | 0.40 | 0.37 | 0.43 | 0.39 | 0.44 | 0.40 |  |  |  |
| 145               | 0.58 | 0.62 | 0.57 | 0.60 | 0.52 | 0.53 | 0.48 | 0.51 | 0.53 | 0.51 | 0.57 | 0.56 | 0.61 | 0.58 | 0.63 | 0.59 |  |  |  |
| 150               | 0.95 | 0.98 | 0.93 | 0.94 | 0.86 | 0.87 | 0.81 | 0.83 | 0.85 | 0.83 | 0.90 | 0.89 | 0.95 | 0.92 | 0.99 | 0.95 |  |  |  |
| 155               | 1.22 | 1.25 | 1.19 | 1.20 | 1.13 | 1.12 | 1.05 | 1.08 | 1.09 | 1.07 | 1.14 | 1.13 | 1.20 | 1.18 | 1.24 | 1.21 |  |  |  |
| 160               | 1.61 | 1.63 | 1.57 | 1.59 | 1.51 | 1.52 | 1.45 | 1.48 | 1.47 | 1.45 | 1.52 | 1.51 | 1.58 | 1.56 | 1.62 | 1.59 |  |  |  |
| 165               | 1.84 | 1.87 | 1.82 | 1.83 | 1.76 | 1.77 | 1.71 | 1.73 | 1.73 | 1.71 | 1.78 | 1.75 | 1.82 | 1.80 | 1.86 | 1.82 |  |  |  |
| 170               | 2.14 | 2.18 | 2.12 | 2.15 | 2.10 | 2.12 | 2.06 | 2.10 | 2.09 | 2.07 | 2.12 | 2.09 | 2.15 | 2.12 | 2.17 | 2.14 |  |  |  |
| 175               | 2.29 | 2.33 | 2.27 | 2.32 | 2.26 | 2.30 | 2.25 | 2.28 | 2.28 | 2.24 | 2.29 | 2.26 | 2.32 | 2.27 | 2.32 | 2.28 |  |  |  |
| 180               | 2.38 | 2.39 | 2.39 | 2.40 | 2.39 | 2.39 | 2.38 | 2.38 | 2.38 | 2.38 | 2.39 | 2.38 | 2.40 | 2.38 | 2.39 | 2.38 |  |  |  |

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2026-05-21

γ Range: 0 - 180DEG  
γ Interval: 2.0DEG  
Test System:EVERFINE G0-2000B\_V1 SYSTEM V2.0.262  
Humidity:65.0%  
Test Distance:7.100m [K=1.0000]  
Remarks: