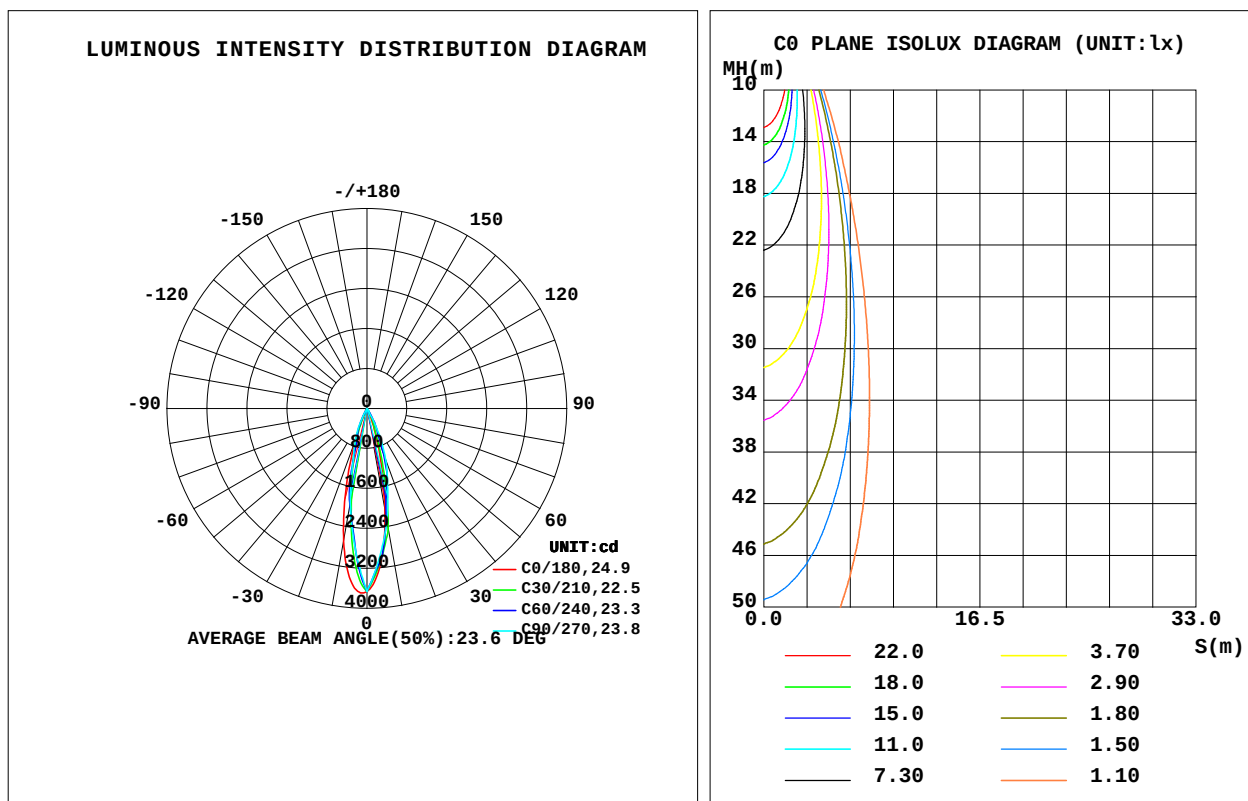


## LUMINAIRE PHOTOMETRIC TEST REPORT

|                                                                                  |                    |                     |
|----------------------------------------------------------------------------------|--------------------|---------------------|
| Test:U:220.26V I:0.1913A P:19.601W PF:0.4652 Freq:50.00Hz Lamp Flux:781.732x1 lm |                    |                     |
| NAME: POWERUS                                                                    | TYPE:              | WEIGHT:             |
| SPEC.:                                                                           | DIM.: 125*53*118mm | SERIAL No.:01       |
| MFR.: NORDECOR                                                                   | SUR.:              | Shielding Angle:24° |

| DATA OF LAMP     |         | PHOTOMETRIC DATA Eff: 39.88 lm/W |        |                    |          |
|------------------|---------|----------------------------------|--------|--------------------|----------|
| MODEL            | 6382    | I <sub>max</sub> (cd)            | 3693   | S/MH(C0/180)       | 0.45     |
| NOMINAL POWER(W) | 18      | LOR(%)                           | 100.0  | S/MH(C90/270)      | 0.36     |
| RATED VOLTAGE(V) | 85-265V | TOTAL FLUX(lm)                   | 781.73 | h UP, DN(C0-180)   | 0.0,54.8 |
| NOMINAL FLUX(lm) | 781.732 | CIE CLASS                        | DIRECT | h UP, DN(C180-360) | 0.0,45.2 |
| LAMPS INSIDE     | 1       | h up(%)                          | 0.0    | CIBSE SHR NOM      | 0.00     |
| TEST VOLTAGE(V)  | 220     | h down(%)                        | 100.0  | CIBSE SHR MAX      | 1.00     |



H<sub>(b)</sub> Range: -90 - 90DEG  
H<sub>(b)</sub> Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2026-07-02

V(B) Range: -75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE G0-2000A\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:5.000m [K=1.0000]  
Remarks:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

| g   | C0                    | C45   | C90   | C135  | C180  | C225  | C270  | C315  | g       | F zone   | F total | %lum, lamp |
|-----|-----------------------|-------|-------|-------|-------|-------|-------|-------|---------|----------|---------|------------|
| 10  | 2094                  | 2281  | 2298  | 2104  | 2704  | 1902  | 1920  | 2047  | 0- 10   | 258.8    | 258.8   | 33.1, 33.1 |
| 20  | 426.7                 | 876.9 | 1106  | 564.3 | 706.2 | 400.5 | 710.0 | 545.8 | 10- 20  | 348.3    | 607.1   | 77.7, 77.7 |
| 30  | 35.35                 | 130.4 | 92.81 | 125.0 | 64.27 | 80.34 | 34.72 | 66.65 | 20- 30  | 142.4    | 749.5   | 95.9, 95.9 |
| 40  | 7.921                 | 7.011 | 36.19 | 9.825 | 15.06 | 8.125 | 13.90 | 5.225 | 30- 40  | 20.05    | 769.6   | 98.4, 98.4 |
| 50  | 3.845                 | 1.889 | 7.077 | 3.452 | 6.649 | 2.506 | 3.210 | 1.341 | 40- 50  | 4.892    | 774.5   | 99.1, 99.1 |
| 60  | 2.995                 | 1.556 | 5.484 | 2.439 | 4.641 | 1.684 | 2.663 | 1.310 | 50- 60  | 2.574    | 777.0   | 99.4, 99.4 |
| 70  | 2.337                 | 1.862 | 3.588 | 2.652 | 3.209 | 1.893 | 2.241 | 1.642 | 60- 70  | 2.400    | 779.4   | 99.7, 99.7 |
| 80  | 2.145                 | 1.277 | 0     | 1.420 | 2.176 | 1.470 | 0     | 1.399 | 70- 80  | 1.854    | 781.3   | 99.9, 99.9 |
| 90  | 1.881                 | 0     | 0     | 0     | 1.642 | 0     | 0     | 0     | 80- 90  | 0.4399   | 781.7   | 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): 772.86 lm

%lum = 98.9%

%lamp = 98.9%

Conical surface Flux(120deg): 777.04 lm

%lum = 99.4%

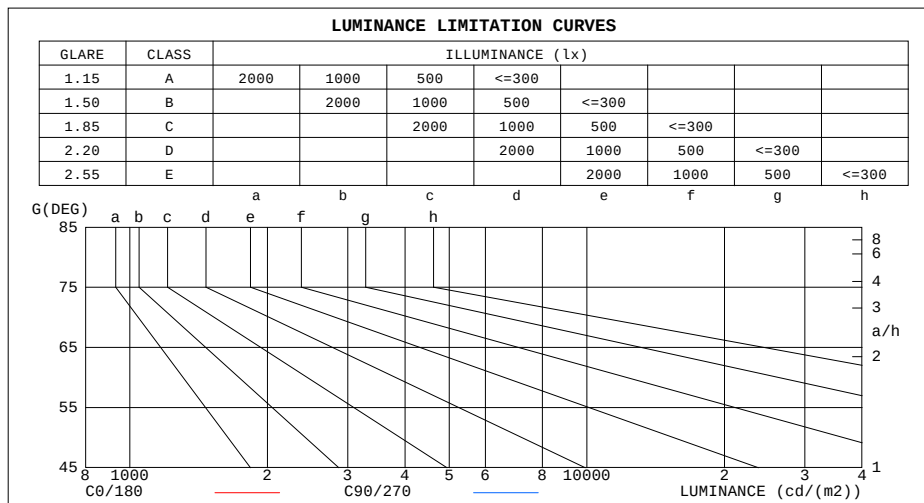
%lamp = 99.4%

H<sub>(b)</sub> Range:-90 - 90DEG  
 H<sub>(b)</sub> Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2026-07-02

V(B) Range:-75 - 75DEG  
 V(B) Interval: 5.0DEG  
 Test System:EVERFINE G0-2000A\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:5.000m [K=1.0000]  
 Remarks:

## LUMINANCE LIMITATION CURVES

|                                                                                  |                    |                     |
|----------------------------------------------------------------------------------|--------------------|---------------------|
| Test:U:220.26V I:0.1913A P:19.601W PF:0.4652 Freq:50.00Hz Lamp Flux:781.732x1 lm |                    |                     |
| NAME:                                                                            | TYPE:              | WEIGHT:             |
| SPEC.:                                                                           | DIM.: 125*53*118mm | SERIAL No.:01       |
| MFR.: NORDECOR                                                                   | SUR.:              | Shielding Angle:24° |



| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G(DEG)            | C0/180 | C90/270 |
| 85                | 237    | 0       |
| 80                | 124    | 0       |
| 75                | 85     | 103     |
| 70                | 68     | 105     |
| 65                | 62     | 109     |
| 60                | 60     | 110     |
| 55                | 59     | 111     |
| 50                | 60     | 110     |
| 45                | 64     | 112     |

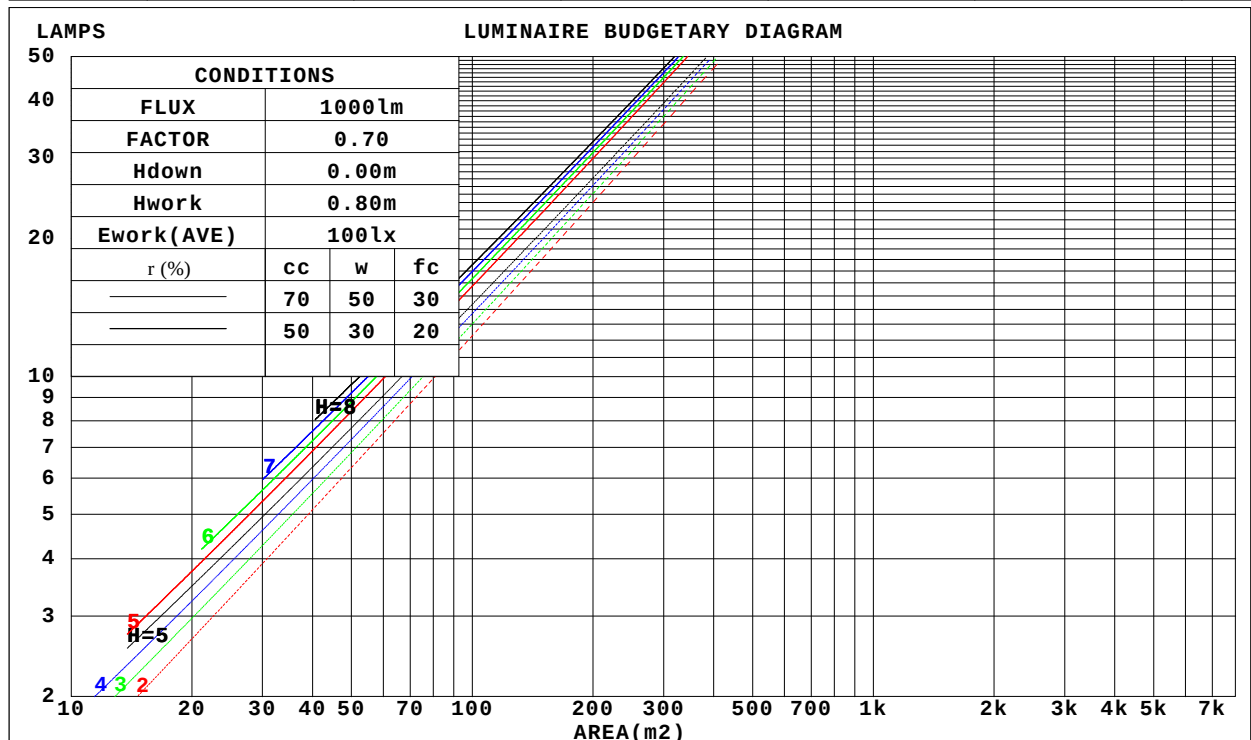
H<sub>(b)</sub> Range: -90 - 90DEG  
H<sub>(b)</sub> Interval: 1.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2026-07-02

V(B) Range: -75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System: EVERFINE G0-2000A\_V1 SYSTEM V2.00.411  
Humidity: 65.0%  
Test Distance: 5.000m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

|                                                                                  |                    |                     |
|----------------------------------------------------------------------------------|--------------------|---------------------|
| Test:U:220.26V I:0.1913A P:19.601W PF:0.4652 Freq:50.00Hz Lamp Flux:781.732x1 lm |                    |                     |
| NAME:                                                                            | TYPE:              | WEIGHT:             |
| SPEC.:                                                                           | DIM.: 125*53*118mm | SERIAL No.:01       |
| MFR.: NORDECOR                                                                   | SUR.:              | Shielding Angle:24° |

| r CC | 80%                                                                        |      |      | 70%  |      |      | 50%  |      |      | 30%  |      |      | 10%  |      |      | 0    |
|------|----------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| r W  | 50%                                                                        | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0    |
| r 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 | 1.00 |
| 1.0  | 1.13                                                                       | 1.11 | 1.09 | 1.11 | 1.09 | 1.07 | 1.07 | 1.05 | 1.04 | 1.03 | 1.02 | 1.01 | .99  | .99  | .98  | .96  |
| 2.0  | 1.07                                                                       | 1.04 | 1.02 | 1.06 | 1.03 | 1.01 | 1.03 | 1.00 | .98  | .99  | .98  | .96  | .97  | .96  | .94  | .93  |
| 3.0  | 1.03                                                                       | .99  | .96  | 1.01 | .98  | .95  | .99  | .96  | .94  | .97  | .94  | .92  | .94  | .93  | .91  | .90  |
| 4.0  | .98                                                                        | .94  | .91  | .97  | .94  | .91  | .95  | .92  | .90  | .94  | .91  | .89  | .92  | .90  | .88  | .87  |
| 5.0  | .95                                                                        | .91  | .88  | .94  | .90  | .87  | .92  | .89  | .86  | .91  | .88  | .86  | .89  | .87  | .85  | .84  |
| 6.0  | .91                                                                        | .87  | .84  | .91  | .87  | .84  | .89  | .86  | .83  | .88  | .85  | .83  | .87  | .84  | .82  | .81  |
| 7.0  | .88                                                                        | .84  | .81  | .88  | .84  | .81  | .87  | .83  | .81  | .86  | .83  | .80  | .85  | .82  | .80  | .79  |
| 8.0  | .86                                                                        | .81  | .79  | .85  | .81  | .78  | .84  | .81  | .78  | .83  | .80  | .78  | .82  | .80  | .77  | .77  |
| 9.0  | .83                                                                        | .79  | .76  | .83  | .79  | .76  | .82  | .78  | .76  | .81  | .78  | .76  | .80  | .77  | .75  | .74  |
| 10.0 | .81                                                                        | .77  | .74  | .80  | .76  | .74  | .80  | .76  | .74  | .79  | .76  | .73  | .78  | .75  | .73  | .72  |



H<sub>(b)</sub> Range: -90 - 90DEG  
H<sub>(b)</sub> Interval: 1.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2026-07-02

V(B) Range: -75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System: EVERFINE G0-2000A\_V1 SYSTEM V2.00.411  
Humidity: 65.0%  
Test Distance: 5.000m [K=1.0000]  
Remarks:

**WEC AND CCEC**

|                                                                                  |  |  |                    |  |                     |
|----------------------------------------------------------------------------------|--|--|--------------------|--|---------------------|
| Test:U:220.26V I:0.1913A P:19.601W PF:0.4652 Freq:50.00Hz Lamp Flux:781.732x1 lm |  |  |                    |  |                     |
| NAME:                                                                            |  |  | TYPE:              |  | WEIGHT:             |
| SPEC.:                                                                           |  |  | DIM.: 125*53*118mm |  | SERIAL No.:01       |
| MFR.: NORDECOR                                                                   |  |  | SUR.:              |  | Shielding Angle:24° |

| r <sub>cc</sub> | 80%                   |      |      | 70%                             |      |      | 50%  |      |      | 30%  |      |      | 10%  |      |      | 0 |
|-----------------|-----------------------|------|------|---------------------------------|------|------|------|------|------|------|------|------|------|------|------|---|
| r <sub>w</sub>  | 50%                   | 30%  | 10%  | 50%                             | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |
| r <sub>fc</sub> | 20%                   |      |      | 20%                             |      |      | 20%  |      |      | 20%  |      |      | 20%  |      |      | 0 |
| RCR             | RCR:Room Cavity Ratio |      |      | Wall Exitance Coefficients(WEC) |      |      |      |      |      |      |      |      |      |      |      |   |
| 0.0             |                       |      |      |                                 |      |      |      |      |      |      |      |      |      |      |      |   |
| 1.0             | .140                  | .080 | .025 | .134                            | .076 | .024 | .121 | .070 | .022 | .110 | .063 | .020 | .099 | .058 | .019 |   |
| 2.0             | .130                  | .071 | .022 | .124                            | .069 | .021 | .114 | .063 | .020 | .105 | .059 | .018 | .096 | .054 | .017 |   |
| 3.0             | .121                  | .064 | .019 | .116                            | .062 | .019 | .108 | .058 | .018 | .100 | .055 | .017 | .093 | .051 | .016 |   |
| 4.0             | .113                  | .059 | .017 | .109                            | .057 | .017 | .102 | .054 | .016 | .096 | .051 | .015 | .089 | .049 | .015 |   |
| 5.0             | .107                  | .054 | .016 | .103                            | .053 | .015 | .097 | .051 | .015 | .092 | .048 | .014 | .086 | .046 | .014 |   |
| 6.0             | .101                  | .051 | .014 | .098                            | .050 | .014 | .093 | .048 | .014 | .088 | .046 | .013 | .083 | .044 | .013 |   |
| 7.0             | .096                  | .047 | .013 | .093                            | .047 | .013 | .089 | .045 | .013 | .085 | .043 | .013 | .080 | .042 | .012 |   |
| 8.0             | .091                  | .045 | .013 | .089                            | .044 | .012 | .085 | .043 | .012 | .081 | .041 | .012 | .078 | .040 | .012 |   |
| 9.0             | .087                  | .042 | .012 | .086                            | .042 | .012 | .082 | .041 | .011 | .079 | .039 | .011 | .075 | .038 | .011 |   |
| 10.0            | .084                  | .040 | .011 | .082                            | .040 | .011 | .079 | .039 | .011 | .076 | .038 | .011 | .073 | .037 | .011 |   |

| r <sub>cc</sub> | 80%                   |      |      | 70%                                        |      |      | 50%  |      |      | 30%  |      |      | 10%  |      |      | 0 |
|-----------------|-----------------------|------|------|--------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|---|
| r <sub>w</sub>  | 50%                   | 30%  | 10%  | 50%                                        | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |
| r <sub>fc</sub> | 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             | .169                  | .158 | .148 | .144                                       | .135 | .127 | .099 | .093 | .088 | .057 | .054 | .051 | .018 | .017 | .017 |   |
| 2.0             | .151                  | .133 | .118 | .129                                       | .114 | .102 | .088 | .079 | .071 | .051 | .046 | .042 | .016 | .015 | .014 |   |
| 3.0             | .136                  | .113 | .095 | .116                                       | .098 | .083 | .080 | .068 | .058 | .046 | .040 | .034 | .015 | .013 | .011 |   |
| 4.0             | .123                  | .098 | .079 | .106                                       | .085 | .068 | .073 | .059 | .048 | .042 | .035 | .028 | .014 | .011 | .009 |   |
| 5.0             | .113                  | .086 | .066 | .097                                       | .074 | .057 | .067 | .052 | .040 | .039 | .030 | .024 | .012 | .010 | .008 |   |
| 6.0             | .104                  | .076 | .055 | .089                                       | .066 | .048 | .062 | .046 | .034 | .036 | .027 | .020 | .012 | .009 | .007 |   |
| 7.0             | .097                  | .068 | .047 | .083                                       | .059 | .041 | .057 | .041 | .029 | .033 | .024 | .017 | .011 | .008 | .006 |   |
| 8.0             | .090                  | .061 | .041 | .078                                       | .053 | .036 | .054 | .037 | .025 | .031 | .022 | .015 | .010 | .007 | .005 |   |
| 9.0             | .084                  | .055 | .035 | .073                                       | .048 | .031 | .050 | .034 | .022 | .029 | .020 | .013 | .010 | .007 | .004 |   |
| 10.0            | .080                  | .050 | .031 | .069                                       | .044 | .027 | .048 | .031 | .019 | .028 | .018 | .011 | .009 | .006 | .004 |   |

**H<sub>(b)</sub> Range:** -90 - 90DEG  
**H<sub>(b)</sub> Interval:** 1.0DEG  
**Test Speed:** HIGH  
**Temperature:** 25.3DEG  
**Operators:**  
**Test Date:** 2026-07-02

**V(B) Range:** -75 - 75DEG  
**V(B) Interval:** 5.0DEG  
**Test System:** EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
**Humidity:** 65.0%  
**Test Distance:** 5.000m [K=1.0000]  
**Remarks:**

### UGR(Unified Glare Rating) Table

|                                                                                  |     |                  |      |      |                    |      |                |                     |      |      |      |
|----------------------------------------------------------------------------------|-----|------------------|------|------|--------------------|------|----------------|---------------------|------|------|------|
| Test:U:220.26V I:0.1913A P:19.601W PF:0.4652 Freq:50.00Hz Lamp Flux:781.732x1 lm |     |                  |      |      |                    |      |                |                     |      |      |      |
| NAME:                                                                            |     |                  |      |      | TYPE:              |      |                | WEIGHT:             |      |      |      |
| SPEC.:                                                                           |     |                  |      |      | DIM.: 125*53*118mm |      |                | SERIAL No.:01       |      |      |      |
| MFR.: NORDECOR                                                                   |     |                  |      |      | SUR.:              |      |                | Shielding Angle:24° |      |      |      |
| 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                                                                    | 2H  | -7.8             | -7.1 | -7.6 | -7.0               | -6.8 | -2.1           | -1.4                | -1.9 | -1.3 | -1.1 |
|                                                                                  | 3H  | -6.8             | -6.2 | -6.5 | -6.0               | -5.8 | -1.3           | -0.7                | -1.1 | -0.5 | -0.3 |
|                                                                                  | 4H  | -6.0             | -5.4 | -5.7 | -5.2               | -5.0 | -0.9           | -0.3                | -0.6 | -0.1 | 0.1  |
|                                                                                  | 6H  | -4.9             | -4.3 | -4.6 | -4.1               | -3.8 | -0.8           | -0.3                | -0.5 | -0.0 | 0.2  |
|                                                                                  | 8H  | -4.1             | -3.6 | -3.8 | -3.3               | -3.1 | -0.9           | -0.3                | -0.6 | -0.1 | 0.2  |
|                                                                                  | 12H | -3.1             | -2.6 | -2.8 | -2.4               | -2.1 | -0.9           | -0.4                | -0.6 | -0.1 | 0.1  |
| 4H                                                                               | 2H  | -7.5             | -7.0 | -7.3 | -6.8               | -6.5 | -2.2           | -1.6                | -1.9 | -1.4 | -1.2 |
|                                                                                  | 3H  | -6.4             | -5.9 | -6.1 | -5.7               | -5.4 | -1.2           | -0.7                | -0.9 | -0.5 | -0.2 |
|                                                                                  | 4H  | -5.5             | -5.1 | -5.2 | -4.8               | -4.5 | -0.6           | -0.2                | -0.3 | 0.1  | 0.4  |
|                                                                                  | 6H  | -4.3             | -3.9 | -3.9 | -3.5               | -3.2 | -0.5           | -0.1                | -0.2 | 0.2  | 0.5  |
|                                                                                  | 8H  | -3.5             | -3.1 | -3.1 | -2.7               | -2.4 | -0.6           | -0.2                | -0.2 | 0.1  | 0.5  |
|                                                                                  | 12H | -2.4             | -2.1 | -2.0 | -1.7               | -1.3 | -0.7           | -0.3                | -0.2 | 0.1  | 0.5  |
| 8H                                                                               | 4H  | -4.9             | -4.5 | -4.5 | -4.2               | -3.8 | -0.6           | -0.2                | -0.2 | 0.1  | 0.5  |
|                                                                                  | 6H  | -3.5             | -3.2 | -3.1 | -2.8               | -2.4 | -0.5           | -0.1                | -0.0 | 0.2  | 0.7  |
|                                                                                  | 8H  | -2.5             | -2.3 | -2.1 | -1.8               | -1.4 | -0.5           | -0.2                | -0.1 | 0.2  | 0.6  |
|                                                                                  | 12H | -1.4             | -1.1 | -0.9 | -0.7               | -0.2 | -0.6           | -0.3                | -0.1 | 0.1  | 0.6  |
| 12H                                                                              | 4H  | -4.9             | -4.6 | -4.5 | -4.2               | -3.8 | -0.6           | -0.2                | -0.2 | 0.1  | 0.5  |
|                                                                                  | 6H  | -3.5             | -3.2 | -3.0 | -2.8               | -2.3 | -0.5           | -0.2                | -0.0 | 0.2  | 0.7  |
|                                                                                  | 8H  | -2.5             | -2.3 | -2.0 | -1.8               | -1.3 | -0.5           | -0.3                | -0.1 | 0.1  | 0.6  |
| Variations with the observer position at spacings:                               |     |                  |      |      |                    |      |                |                     |      |      |      |
| S = 1.0H                                                                         |     | + 0.4 / - 0.5    |      |      |                    |      | + 2.4 / - 2.0  |                     |      |      |      |
| 1.5H                                                                             |     | + 0.9 / - 0.9    |      |      |                    |      | + 4.7 / - 2.6  |                     |      |      |      |
| 2.0H                                                                             |     | + 1.3 / - 1.5    |      |      |                    |      | + 0.8 / - 1.4  |                     |      |      |      |

CIE Pub.117, 781.7 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.9)  
Area: 0.1 m2

H<sub>(b)</sub> Range:-90 - 90DEG  
H<sub>(b)</sub> Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2026-07-02

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:5.000m [K=1.0000]  
Remarks:

### UTILIZATION FACTORS TABLE

|                                                                                  |                    |                     |
|----------------------------------------------------------------------------------|--------------------|---------------------|
| Test:U:220.26V I:0.1913A P:19.601W PF:0.4652 Freq:50.00Hz Lamp Flux:781.732x1 lm |                    |                     |
| NAME:                                                                            | TYPE:              | WEIGHT:             |
| SPEC.:                                                                           | DIM.: 125*53*118mm | SERIAL No.:01       |
| MFR.: NORDECOR                                                                   | SUR.:              | Shielding Angle:24° |

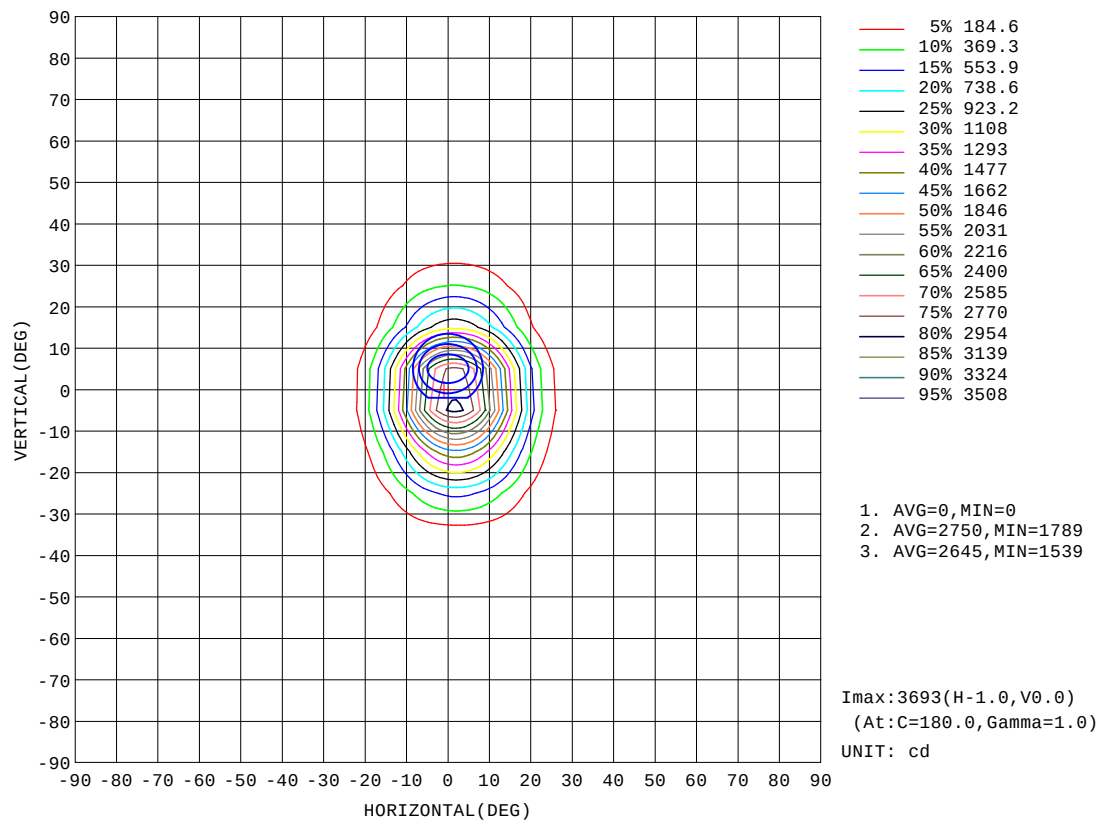
| REFLECTANCE                      |                                                     |     |           |     |     |     |     |               |     |        |
|----------------------------------|-----------------------------------------------------|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| 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                         | 91                                                  | 85  | 81        | 90  | 85  | 81  | 89  | 84            | 81  | 78     |
| 0.80                             | 98                                                  | 92  | 89        | 97  | 92  | 89  | 96  | 91            | 88  | 85     |
| 1.00                             | 101                                                 | 96  | 93        | 101 | 96  | 93  | 99  | 96            | 92  | 89     |
| 1.25                             | 105                                                 | 100 | 97        | 104 | 100 | 97  | 102 | 98            | 96  | 92     |
| 1.50                             | 107                                                 | 103 | 100       | 106 | 102 | 100 | 104 | 101           | 98  | 94     |
| 2.00                             | 110                                                 | 106 | 103       | 108 | 105 | 102 | 106 | 103           | 101 | 96     |
| 2.50                             | 111                                                 | 108 | 105       | 110 | 106 | 104 | 106 | 104           | 102 | 96     |
| 3.00                             | 112                                                 | 109 | 107       | 111 | 108 | 106 | 107 | 105           | 104 | 97     |
| 4.00                             | 114                                                 | 112 | 110       | 112 | 110 | 108 | 109 | 107           | 106 | 99     |
| 5.00                             | 116                                                 | 114 | 112       | 113 | 112 | 110 | 110 | 108           | 107 | 100    |
| ROOM INDEX                       | UF(total)                                           |     |           |     |     |     |     |               |     | Direct |
| According to DIN EN 13032-2 2004 |                                                     |     | Suspended |     |     |     |     | SHRNOM = 1.25 |     |        |

**H<sub>b</sub> Range:-90 - 90DEG**  
**H<sub>b</sub> Interval: 1.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:**  
**Test Date:2026-07-02**

**V(B) Range:-75 - 75DEG**  
**V(B) Interval: 5.0DEG**  
**Test System:EVERFINE G0-2000A\_V1 SYSTEM V2.00.411**  
**Humidity:65.0%**  
**Test Distance:5.000m [K=1.0000]**  
**Remarks:**

## ISOCANDELA DIAGRAM

|                                                                                  |                    |                     |
|----------------------------------------------------------------------------------|--------------------|---------------------|
| Test:U:220.26V I:0.1913A P:19.601W PF:0.4652 Freq:50.00Hz Lamp Flux:781.732x1 lm |                    |                     |
| NAME:                                                                            | TYPE:              | WEIGHT:             |
| SPEC.:                                                                           | DIM.: 125*53*118mm | SERIAL No.:01       |
| MFR.: NORDECOR                                                                   | SUR.:              | Shielding Angle:24° |



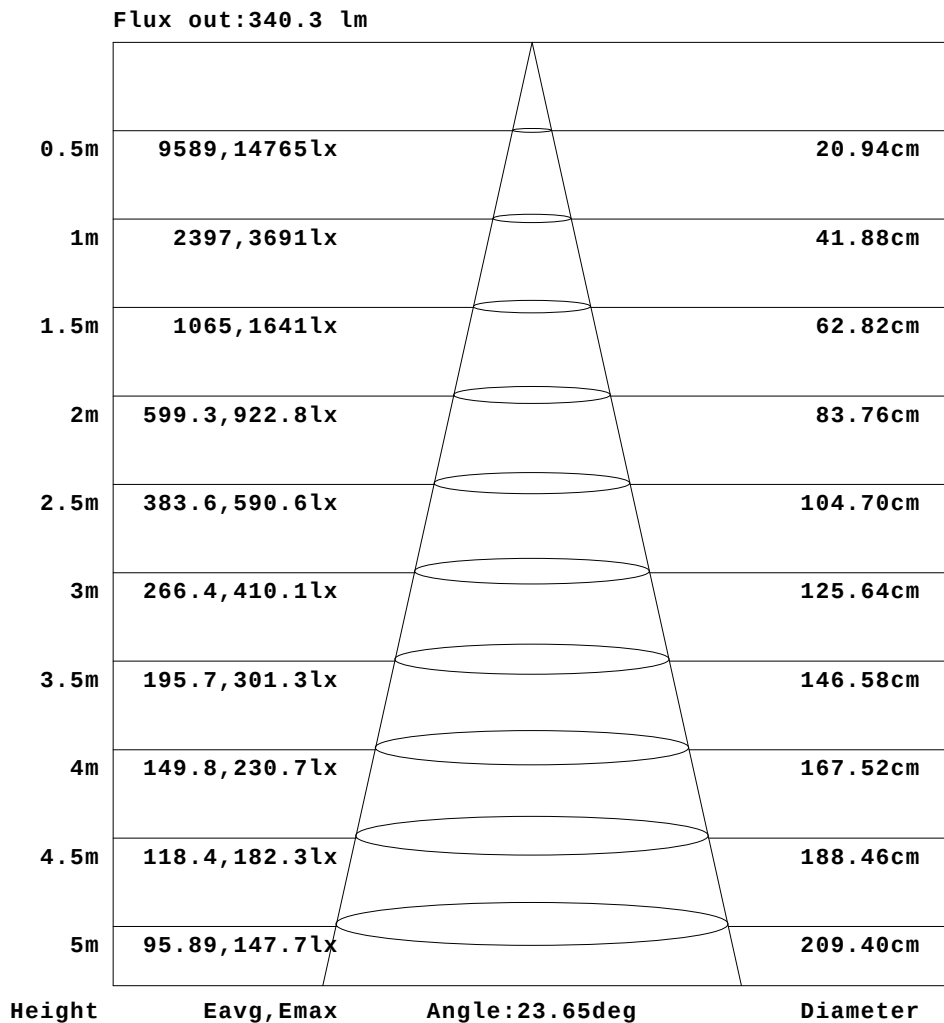
H<sub>(b)</sub> Range: -90 - 90DEG  
H<sub>(b)</sub> Interval: 1.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2026-07-02

V(B) Range: -75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System: EVERFINE G0-2000A\_V1 SYSTEM V2.00.411  
Humidity: 65.0%  
Test Distance: 5.000m [K=1.0000]  
Remarks:



## AAI Figure

|                                                                                  |                    |                     |
|----------------------------------------------------------------------------------|--------------------|---------------------|
| Test:U:220.26V I:0.1913A P:19.601W PF:0.4652 Freq:50.00Hz Lamp Flux:781.732x1 lm |                    |                     |
| NAME:                                                                            | TYPE:              | WEIGHT:             |
| SPEC.:                                                                           | DIM.: 125*53*118mm | SERIAL No.:01       |
| MFR.: NORDECOR                                                                   | SUR.:              | Shielding Angle:24° |



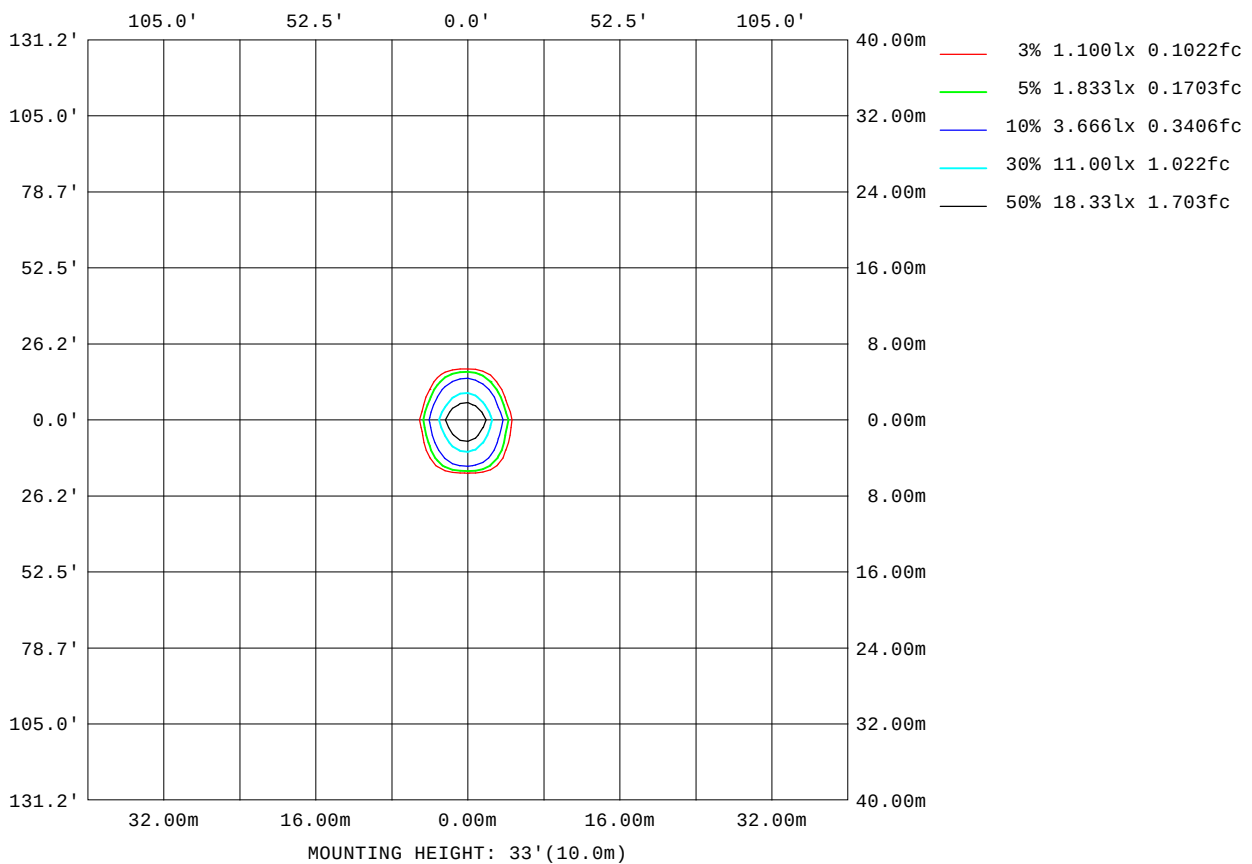
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H<sub>(b)</sub> Range:-90 - 90DEG  
H<sub>(b)</sub> Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2026-07-02

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE G0-2000A\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:5.000m [K=1.0000]  
Remarks:

## ISOLUX DIAGRAM

|                                                                                  |                    |                     |
|----------------------------------------------------------------------------------|--------------------|---------------------|
| Test:U:220.26V I:0.1913A P:19.601W PF:0.4652 Freq:50.00Hz Lamp Flux:781.732x1 lm |                    |                     |
| NAME:                                                                            | TYPE:              | WEIGHT:             |
| SPEC.:                                                                           | DIM.: 125*53*118mm | SERIAL No.:01       |
| MFR.: NORDECOR                                                                   | SUR.:              | Shielding Angle:24° |



H<sub>(b)</sub> Range: -90 - 90DEG  
H<sub>(b)</sub> Interval: 1.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2026-07-02

V(B) Range: -75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System: EVERFINE G0-2000A\_V1 SYSTEM V2.00.411  
Humidity: 65.0%  
Test Distance: 5.000m [K=1.0000]  
Remarks:

## LED Avg.L Report

|                                                                                  |                    |                     |
|----------------------------------------------------------------------------------|--------------------|---------------------|
| Test:U:220.26V I:0.1913A P:19.601W PF:0.4652 Freq:50.00Hz Lamp Flux:781.732x1 lm |                    |                     |
| NAME:                                                                            | TYPE:              | WEIGHT:             |
| SPEC.:                                                                           | DIM.: 125*53*118mm | SERIAL No.:01       |
| MFR.: NORDECOR                                                                   | SUR.:              | Shielding Angle:24° |

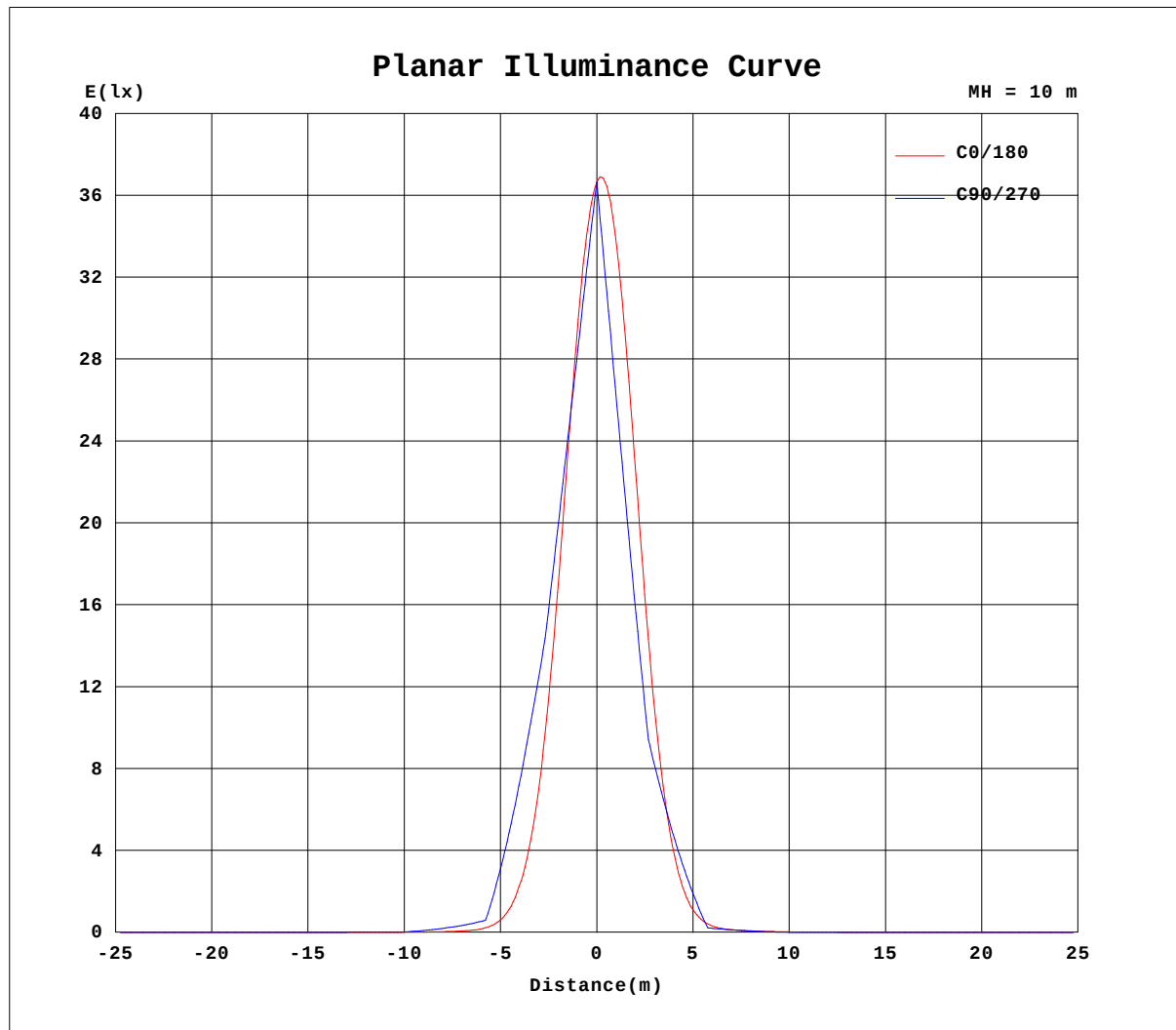
| AvgL           | cd/m2 |
|----------------|-------|
| L_0~180(65)av  | 77    |
| L_0~180(75)av  | 94    |
| L_0~180(85)av  | 225   |
| L_90~270(65)av | 84    |
| L_90~270(75)av | 91    |
| L_90~270(85)av | 0     |
| L_45(65)av     | 47    |
| L_45(75)av     | 71    |
| L_45(85)av     | 0     |

Standard: GB/T 29293-2012

H<sub>(b)</sub> Range:-90 - 90DEG  
H<sub>(b)</sub> Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2026-07-02

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE G0-2000A\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:5.000m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



H<sub>b</sub> Range: -90 - 90DEG  
H<sub>b</sub> Interval: 1.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2026-07-02

V(B) Range: -75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System: EVERFINE G0-2000A\_V1 SYSTEM V2.00.411  
Humidity: 65.0%  
Test Distance: 5.000m [K=1.0000]  
Remarks:







