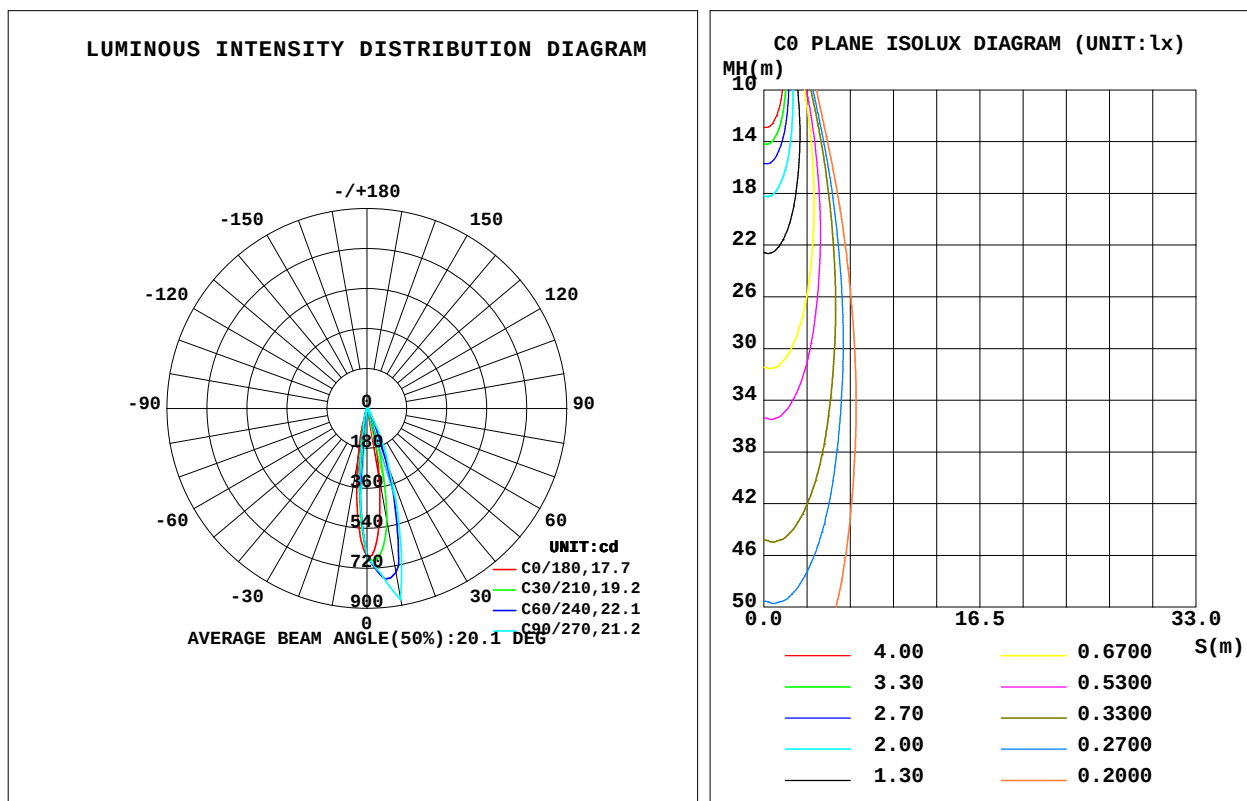


## LUMINAIRE PHOTOMETRIC TEST REPORT

|                                                                                  |  |                  |  |                     |  |
|----------------------------------------------------------------------------------|--|------------------|--|---------------------|--|
| Test:U:150.21V I:0.0338A P:2.6952W PF:0.5310 Freq:50.00Hz Lamp Flux:130.047x1 lm |  |                  |  |                     |  |
| NAME: 6780                                                                       |  | TYPE:2W-4000K    |  | WEIGHT:             |  |
| SPEC.:                                                                           |  | DIM.: 65*65*60mm |  | SERIAL No.:01       |  |
| MFR.: NORDECOR                                                                   |  | SUR.:            |  | Shielding Angle:15° |  |

| DATA OF LAMP     |         | PHOTOMETRIC DATA      |        |                    |          | Eff: 48.25 lm/W |
|------------------|---------|-----------------------|--------|--------------------|----------|-----------------|
| MODEL            |         | I <sub>max</sub> (cd) | 880.0  | S/MH(C0/180)       | 0.28     |                 |
| NOMINAL POWER(W) | 2       | LOR(%)                | 100.0  | S/MH(C90/270)      | 0.20     |                 |
| RATED VOLTAGE(V) | 85-265V | TOTAL FLUX(lm)        | 130.05 | h UP, DN(C0-180)   | 0.0,75.4 |                 |
| NOMINAL FLUX(lm) | 130.047 | CIE CLASS             | DIRECT | h UP, DN(C180-360) | 0.0,24.6 |                 |
| 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:2026-09-04

V(B) Range: -80 - 80DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE G0-2000A\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:7.300m [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  | 320.8                 | 622.7 | 874.5 | 443.6 | 243.7  | 139.8 | 95.44 | 205.0 | 0- 10   | 45.50    | 45.50   | 35,35      |
| 20  | 37.49                 | 171.1 | 292.6 | 91.00 | 23.48  | 16.47 | 12.93 | 22.82 | 10- 20  | 54.47    | 99.96   | 76.9,76.9  |
| 30  | 8.295                 | 17.77 | 31.18 | 13.15 | 7.170  | 4.787 | 4.327 | 6.016 | 20- 30  | 18.09    | 118.1   | 90.8,90.8  |
| 40  | 3.942                 | 4.855 | 6.309 | 4.111 | 3.879  | 2.427 | 2.730 | 2.961 | 30- 40  | 4.442    | 122.5   | 94.2,94.2  |
| 50  | 2.526                 | 2.535 | 3.394 | 2.343 | 2.447  | 1.688 | 1.943 | 2.032 | 40- 50  | 2.347    | 124.8   | 96,96      |
| 60  | 1.720                 | 1.745 | 2.397 | 1.680 | 1.797  | 1.403 | 1.456 | 1.461 | 50- 60  | 1.789    | 126.6   | 97.4,97.4  |
| 70  | 1.288                 | 1.354 | 1.738 | 1.376 | 1.419  | 1.224 | 1.192 | 1.166 | 60- 70  | 1.485    | 128.1   | 98.5,98.5  |
| 80  | 1.156                 | 1.156 | 1.319 | 1.222 | 1.178  | 1.075 | 1.083 | 1.095 | 70- 80  | 1.301    | 129.4   | 99.5,99.5  |
| 90  | 0.9691                | 0     | 0     | 0     | 0.9645 | 0     | 0     | 0     | 80- 90  | 0.6243   | 130.0   | 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): 123.77 lm

%lum = 95.2%

%lamp = 95.2%

Conical surface Flux(120deg): 126.64 lm

%lum = 97.4%

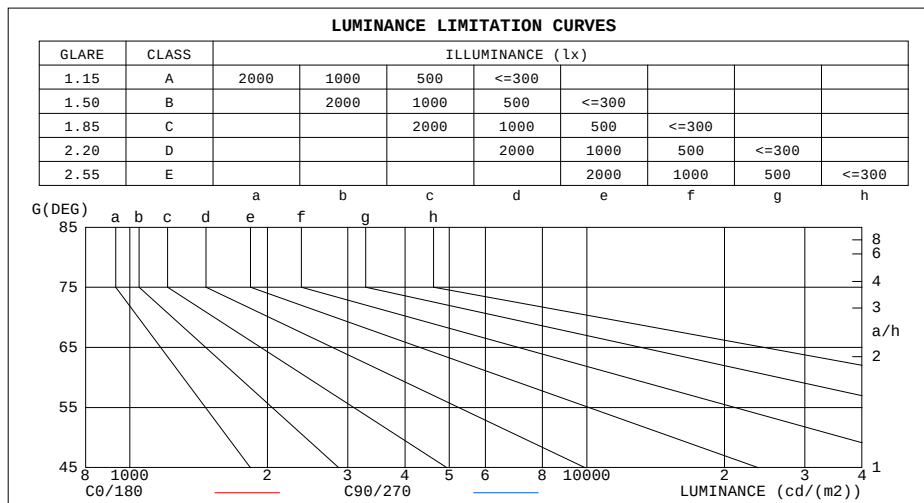
%lamp = 97.4%

H<sub>(b)</sub> Range:-90 - 90DEG  
 H<sub>(b)</sub> Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2026-09-04

V(B) Range:-80 - 80DEG  
 V(B) Interval: 5.0DEG  
 Test System:EVERFINE G0-2000A\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:7.300m [K=1.0000]  
 Remarks:

## LUMINANCE LIMITATION CURVES

|                                                                                  |                  |                     |
|----------------------------------------------------------------------------------|------------------|---------------------|
| Test:U:150.21V I:0.0338A P:2.6952W PF:0.5310 Freq:50.00Hz Lamp Flux:130.047x1 lm |                  |                     |
| NAME: 6780                                                                       | TYPE:2W-4000K    | WEIGHT:             |
| SPEC.:                                                                           | DIM.: 65*65*60mm | SERIAL No.:01       |
| MFR.: NORDECOR                                                                   | SUR.:            | Shielding Angle:15° |



| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G(DEG)            | C0/180 | C90/270 |
| 85                | 120    | 0       |
| 80                | 67     | 76      |
| 75                | 46     | 59      |
| 70                | 38     | 51      |
| 65                | 35     | 49      |
| 60                | 34     | 48      |
| 55                | 36     | 50      |
| 50                | 39     | 53      |
| 45                | 45     | 68      |

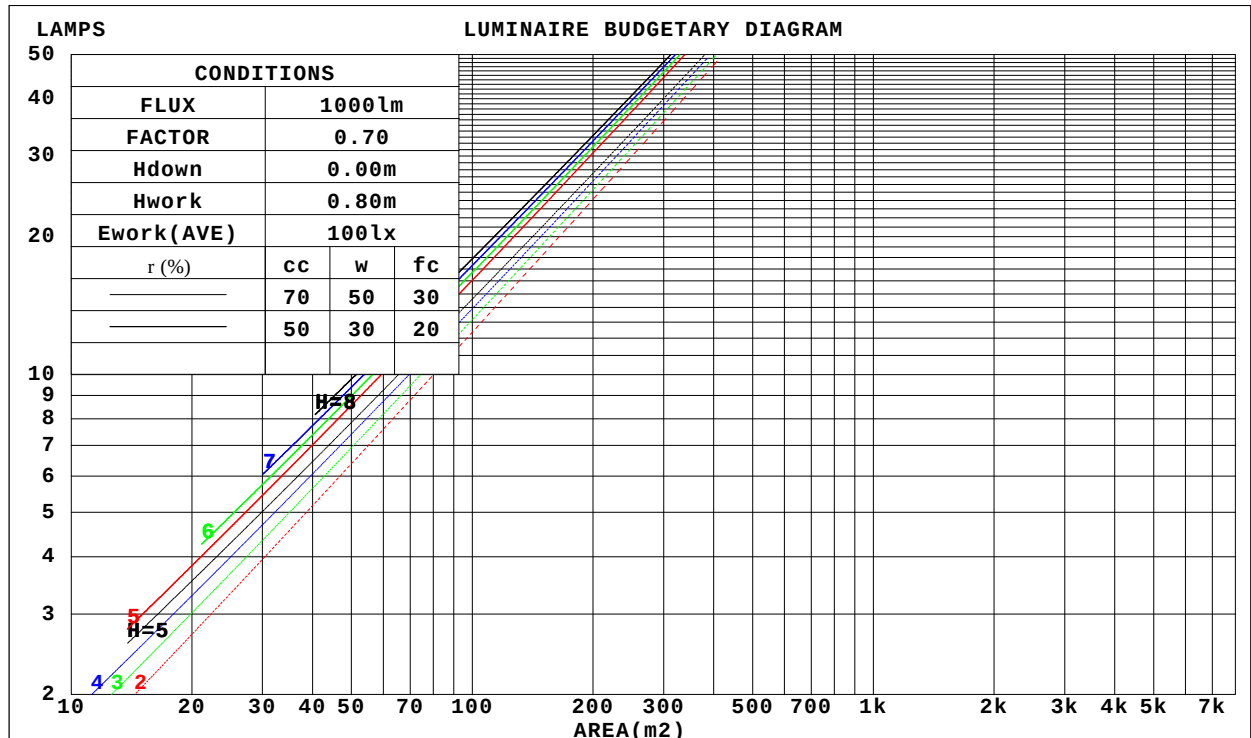
H<sub>(b)</sub> Range:-90 - 90DEG  
H<sub>(b)</sub> Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2026-09-04

V(B) Range:-80 - 80DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE G0-2000A\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:7.300m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

|                                                                                  |                  |                     |
|----------------------------------------------------------------------------------|------------------|---------------------|
| Test:U:150.21V I:0.0338A P:2.6952W PF:0.5310 Freq:50.00Hz Lamp Flux:130.047x1 lm |                  |                     |
| NAME: 6780                                                                       | TYPE:2W-4000K    | WEIGHT:             |
| SPEC.:                                                                           | DIM.: 65*65*60mm | SERIAL No.:01       |
| MFR.: NORDECOR                                                                   | SUR.:            | Shielding Angle:15° |

| 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  | 1.12                  | 1.10 | 1.08 | 1.10                            | 1.08 | 1.06 | 1.06 | 1.04 | 1.03 | 1.02 | 1.01 | .00  | .99  | .98  | .97  | .95  |
| 2.0  | 1.06                  | 1.03 | 1.00 | 1.05                            | 1.02 | .99  | 1.01 | .99  | .97  | .98  | .97  | .95  | .96  | .94  | .93  | .91  |
| 3.0  | 1.01                  | .97  | .94  | .00                             | .96  | .93  | .97  | .94  | .92  | .95  | .93  | .91  | .93  | .91  | .89  | .88  |
| 4.0  | .97                   | .93  | .89  | .96                             | .92  | .89  | .94  | .91  | .88  | .92  | .89  | .87  | .90  | .88  | .86  | .85  |
| 5.0  | .93                   | .89  | .86  | .92                             | .88  | .85  | .91  | .87  | .84  | .89  | .86  | .84  | .88  | .85  | .83  | .82  |
| 6.0  | .90                   | .85  | .82  | .89                             | .85  | .82  | .88  | .84  | .81  | .87  | .83  | .81  | .85  | .83  | .80  | .79  |
| 7.0  | .87                   | .82  | .79  | .86                             | .82  | .79  | .85  | .81  | .79  | .84  | .81  | .78  | .83  | .80  | .78  | .77  |
| 8.0  | .84                   | .80  | .77  | .84                             | .80  | .77  | .83  | .79  | .76  | .82  | .79  | .76  | .81  | .78  | .76  | .75  |
| 9.0  | .82                   | .77  | .74  | .81                             | .77  | .74  | .80  | .77  | .74  | .80  | .76  | .74  | .79  | .76  | .74  | .73  |
| 10.0 | .79                   | .75  | .72  | .79                             | .75  | .72  | .78  | .75  | .72  | .78  | .74  | .72  | .77  | .74  | .72  | .71  |



H<sub>(b)</sub> Range:-90 - 90DEG  
H<sub>(b)</sub> Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2026-09-04

V(B) Range:-80 - 80DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE G0-2000A\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:7.300m [K=1.0000]  
Remarks:

**WEC AND CCEC**

|                                                                                  |  |  |                  |  |  |                     |  |  |
|----------------------------------------------------------------------------------|--|--|------------------|--|--|---------------------|--|--|
| Test:U:150.21V I:0.0338A P:2.6952W PF:0.5310 Freq:50.00Hz Lamp Flux:130.047x1 lm |  |  |                  |  |  |                     |  |  |
| NAME: 6780                                                                       |  |  | TYPE:2W-4000K    |  |  | WEIGHT:             |  |  |
| SPEC.:                                                                           |  |  | DIM.: 65*65*60mm |  |  | SERIAL No.:01       |  |  |
| MFR.: NORDECOR                                                                   |  |  | SUR.:            |  |  | Shielding Angle:15° |  |  |

| 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             | .153                  | .087 | .028 | .146                            | .084 | .027 | .134 | .077 | .025 | .123 | .071 | .023 | .112 | .065 | .021 |   |
| 2.0             | .140                  | .077 | .024 | .135                            | .074 | .023 | .124 | .069 | .022 | .115 | .064 | .020 | .106 | .060 | .019 |   |
| 3.0             | .130                  | .069 | .021 | .125                            | .067 | .020 | .116 | .063 | .019 | .108 | .059 | .018 | .101 | .056 | .017 |   |
| 4.0             | .120                  | .063 | .018 | .117                            | .061 | .018 | .109 | .058 | .017 | .102 | .055 | .017 | .096 | .052 | .016 |   |
| 5.0             | .113                  | .057 | .017 | .109                            | .056 | .016 | .103 | .054 | .016 | .097 | .051 | .015 | .092 | .049 | .015 |   |
| 6.0             | .106                  | .053 | .015 | .103                            | .052 | .015 | .098 | .050 | .015 | .093 | .048 | .014 | .088 | .046 | .014 |   |
| 7.0             | .100                  | .049 | .014 | .098                            | .049 | .014 | .093 | .047 | .014 | .089 | .045 | .013 | .084 | .044 | .013 |   |
| 8.0             | .095                  | .046 | .013 | .093                            | .046 | .013 | .089 | .044 | .013 | .085 | .043 | .012 | .081 | .042 | .012 |   |
| 9.0             | .090                  | .044 | .012 | .088                            | .043 | .012 | .085 | .042 | .012 | .081 | .041 | .012 | .078 | .040 | .011 |   |
| 10.0            | .086                  | .041 | .011 | .085                            | .041 | .011 | .081 | .040 | .011 | .078 | .039 | .011 | .075 | .038 | .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 | .147 | .145                                       | .135 | .126 | .099 | .093 | .087 | .057 | .054 | .051 | .018 | .017 | .016 |   |
| 2.0             | .152                  | .133 | .116 | .130                                       | .114 | .101 | .089 | .079 | .070 | .051 | .046 | .041 | .017 | .015 | .013 |   |
| 3.0             | .137                  | .113 | .094 | .118                                       | .098 | .082 | .081 | .068 | .057 | .047 | .040 | .034 | .015 | .013 | .011 |   |
| 4.0             | .125                  | .098 | .077 | .107                                       | .085 | .067 | .074 | .059 | .047 | .043 | .035 | .028 | .014 | .011 | .009 |   |
| 5.0             | .115                  | .086 | .065 | .098                                       | .074 | .056 | .068 | .052 | .040 | .039 | .030 | .024 | .013 | .010 | .008 |   |
| 6.0             | .106                  | .076 | .055 | .091                                       | .066 | .048 | .063 | .046 | .034 | .036 | .027 | .020 | .012 | .009 | .007 |   |
| 7.0             | .098                  | .068 | .047 | .084                                       | .059 | .041 | .058 | .041 | .029 | .034 | .024 | .017 | .011 | .008 | .006 |   |
| 8.0             | .092                  | .061 | .040 | .079                                       | .053 | .035 | .055 | .037 | .025 | .032 | .022 | .015 | .010 | .007 | .005 |   |
| 9.0             | .086                  | .056 | .035 | .074                                       | .048 | .031 | .051 | .034 | .022 | .030 | .020 | .013 | .010 | .007 | .004 |   |
| 10.0            | .081                  | .051 | .031 | .070                                       | .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:** 2026-09-04

**V(B) Range:** -80 - 80DEG  
**V(B) Interval:** 5.0DEG  
**Test System:** EVERFINE G0-2000A\_V1 SYSTEM V2.00.411  
**Humidity:** 65.0%  
**Test Distance:** 7.300m [K=1.0000]  
**Remarks:**

### UGR(Unified Glare Rating) Table

|                                                                                  |               |                  |     |      |      |                  |                |     |                     |     |  |
|----------------------------------------------------------------------------------|---------------|------------------|-----|------|------|------------------|----------------|-----|---------------------|-----|--|
| Test:U:150.21V I:0.0338A P:2.6952W PF:0.5310 Freq:50.00Hz Lamp Flux:130.047x1 lm |               |                  |     |      |      |                  |                |     |                     |     |  |
| NAME: 6780                                                                       |               |                  |     |      |      | TYPE:2W-4000K    |                |     | WEIGHT:             |     |  |
| SPEC.:                                                                           |               |                  |     |      |      | DIM.: 65*65*60mm |                |     | SERIAL No.:01       |     |  |
| MFR.: NORDECOR                                                                   |               |                  |     |      |      | SUR.:            |                |     | Shielding Angle:15° |     |  |
| 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                                                                    | 0.9           | 1.6              | 1.1 | 1.7  | 1.9  | 4.0              | 4.7            | 4.2 | 4.9                 | 5.0 |  |
|                                                                                  | 3H            | 2.4              | 3.1 | 2.7  | 3.3  | 5.2              | 5.8            | 5.4 | 6.0                 | 6.2 |  |
|                                                                                  | 4H            | 3.5              | 4.1 | 3.7  | 4.3  | 6.0              | 6.6            | 6.3 | 6.8                 | 7.0 |  |
|                                                                                  | 6H            | 4.8              | 5.4 | 5.1  | 5.7  | 7.0              | 7.6            | 7.3 | 7.8                 | 8.1 |  |
|                                                                                  | 8H            | 5.7              | 6.2 | 6.0  | 6.5  | 7.3              | 7.8            | 7.6 | 8.1                 | 8.3 |  |
|                                                                                  | 12H           | 6.7              | 7.2 | 7.0  | 7.5  | 7.8              | 8.3            | 8.7 | 8.4                 | 8.9 |  |
| 4H                                                                               | 2H            | 1.5              | 2.2 | 1.8  | 2.4  | 2.6              | 4.2            | 4.8 | 4.4                 | 5.0 |  |
|                                                                                  | 3H            | 3.3              | 3.9 | 3.6  | 4.1  | 4.4              | 5.6            | 6.2 | 5.9                 | 6.5 |  |
|                                                                                  | 4H            | 4.6              | 5.1 | 4.9  | 5.4  | 5.7              | 6.7            | 7.2 | 7.0                 | 7.5 |  |
|                                                                                  | 6H            | 6.1              | 6.6 | 6.5  | 6.9  | 7.2              | 8.0            | 8.4 | 8.3                 | 8.7 |  |
|                                                                                  | 8H            | 7.1              | 7.5 | 7.4  | 7.8  | 8.2              | 8.3            | 8.7 | 8.7                 | 9.1 |  |
|                                                                                  | 12H           | 8.2              | 8.6 | 8.6  | 9.0  | 9.4              | 8.3            | 8.7 | 8.7                 | 9.1 |  |
| 8H                                                                               | 4H            | 5.2              | 5.6 | 5.6  | 5.9  | 6.3              | 7.0            | 7.4 | 7.4                 | 7.7 |  |
|                                                                                  | 6H            | 7.0              | 7.4 | 7.4  | 7.8  | 8.2              | 8.5            | 8.9 | 9.0                 | 9.3 |  |
|                                                                                  | 8H            | 8.2              | 8.5 | 8.6  | 8.9  | 9.3              | 9.0            | 9.3 | 9.4                 | 9.7 |  |
|                                                                                  | 12H           | 9.5              | 9.8 | 10.0 | 10.2 | 10.7             | 9.0            | 9.3 | 9.5                 | 9.7 |  |
| 12H                                                                              | 4H            | 5.4              | 5.7 | 5.8  | 6.1  | 6.5              | 7.0            | 7.4 | 7.4                 | 7.8 |  |
|                                                                                  | 6H            | 7.3              | 7.6 | 7.8  | 8.1  | 8.5              | 8.7            | 9.0 | 9.2                 | 9.4 |  |
|                                                                                  | 8H            | 8.6              | 8.9 | 9.1  | 9.3  | 9.8              | 9.2            | 9.5 | 9.7                 | 9.9 |  |
| Variations with the observer position at spacings:                               |               |                  |     |      |      |                  |                |     |                     |     |  |
| S = 1.0H                                                                         | + 0.2 / - 0.2 |                  |     |      |      | + 0.4 / - 0.3    |                |     |                     |     |  |
| 1.5H                                                                             | + 0.2 / - 0.2 |                  |     |      |      | + 1.1 / - 0.3    |                |     |                     |     |  |
| 2.0H                                                                             | + 0.2 / - 0.3 |                  |     |      |      | + 0.3 / - 0.3    |                |     |                     |     |  |

CIE Pub.117, 130.0 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -7.1)  
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:2026-09-04

V(B) Range:-80 - 80DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE G0-2000A\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:7.300m [K=1.0000]  
Remarks:

### UTILIZATION FACTORS TABLE

|                                                                                  |                  |                     |
|----------------------------------------------------------------------------------|------------------|---------------------|
| Test:U:150.21V I:0.0338A P:2.6952W PF:0.5310 Freq:50.00Hz Lamp Flux:130.047x1 lm |                  |                     |
| NAME: 6780                                                                       | TYPE:2W-4000K    | WEIGHT:             |
| SPEC.:                                                                           | DIM.: 65*65*60mm | SERIAL No.:01       |
| MFR.: NORDECOR                                                                   | SUR.:            | Shielding Angle:15° |

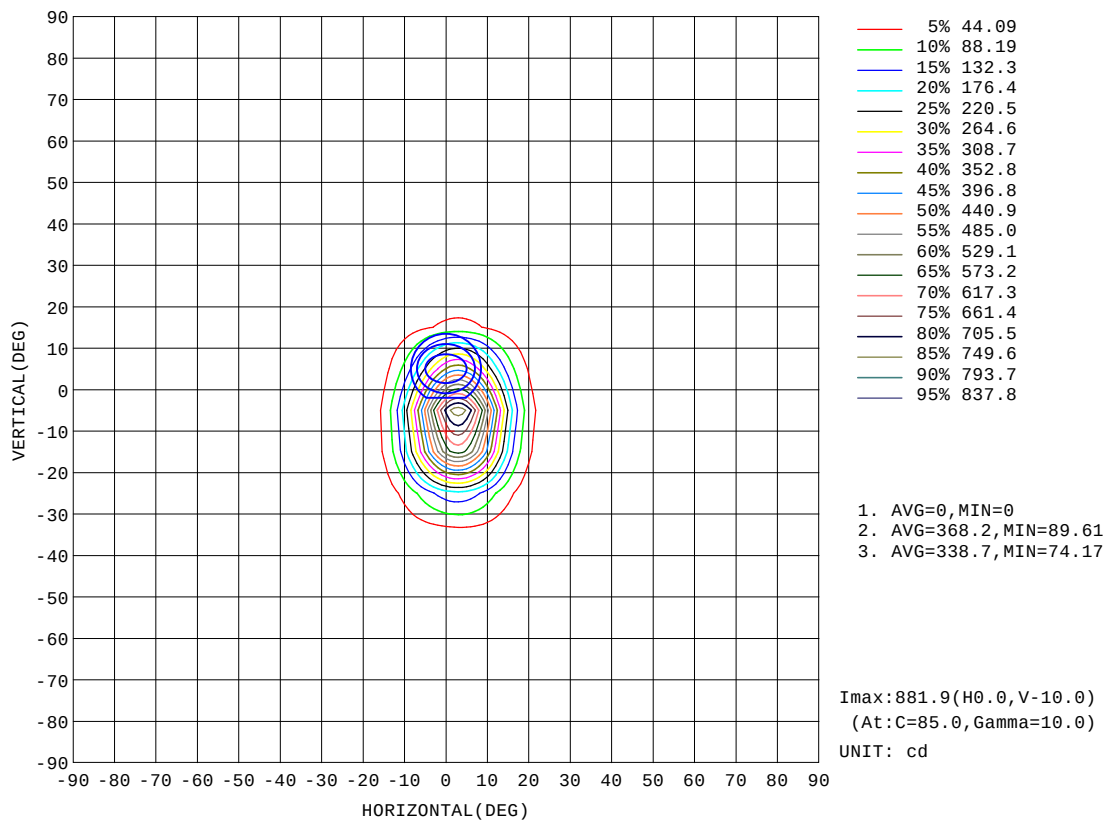
| REFLECTANCE                      |                                                     |     |           |     |     |     |     |               |     |        |
|----------------------------------|-----------------------------------------------------|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| 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                         | 88                                                  | 82  | 78        | 88  | 82  | 78  | 87  | 81            | 78  | 74     |
| 0.80                             | 95                                                  | 89  | 86        | 95  | 89  | 86  | 93  | 89            | 85  | 82     |
| 1.00                             | 99                                                  | 94  | 90        | 98  | 93  | 90  | 97  | 93            | 89  | 85     |
| 1.25                             | 103                                                 | 98  | 94        | 102 | 97  | 94  | 100 | 96            | 93  | 89     |
| 1.50                             | 106                                                 | 101 | 98        | 105 | 100 | 97  | 102 | 99            | 96  | 92     |
| 2.00                             | 108                                                 | 104 | 101       | 107 | 103 | 100 | 104 | 101           | 99  | 93     |
| 2.50                             | 110                                                 | 106 | 103       | 108 | 105 | 102 | 105 | 102           | 100 | 94     |
| 3.00                             | 112                                                 | 108 | 105       | 110 | 107 | 104 | 106 | 104           | 102 | 96     |
| 4.00                             | 114                                                 | 111 | 109       | 112 | 109 | 107 | 108 | 106           | 104 | 97     |
| 5.00                             | 115                                                 | 113 | 111       | 113 | 111 | 109 | 109 | 107           | 106 | 98     |
| 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:2026-09-04**

**V(B) Range:-80 - 80DEG**  
**V(B) Interval: 5.0DEG**  
**Test System:EVERFINE G0-2000A\_V1 SYSTEM V2.00.411**  
**Humidity:65.0%**  
**Test Distance:7.300m [K=1.0000]**  
**Remarks:**

## ISOCANDELA DIAGRAM

|                                                                                  |                  |                     |
|----------------------------------------------------------------------------------|------------------|---------------------|
| Test:U:150.21V I:0.0338A P:2.6952W PF:0.5310 Freq:50.00Hz Lamp Flux:130.047x1 lm |                  |                     |
| NAME: 6780                                                                       | TYPE:2W-4000K    | WEIGHT:             |
| SPEC.:                                                                           | DIM.: 65*65*60mm | SERIAL No.:01       |
| MFR.: NORDECOR                                                                   | SUR.:            | Shielding Angle:15° |



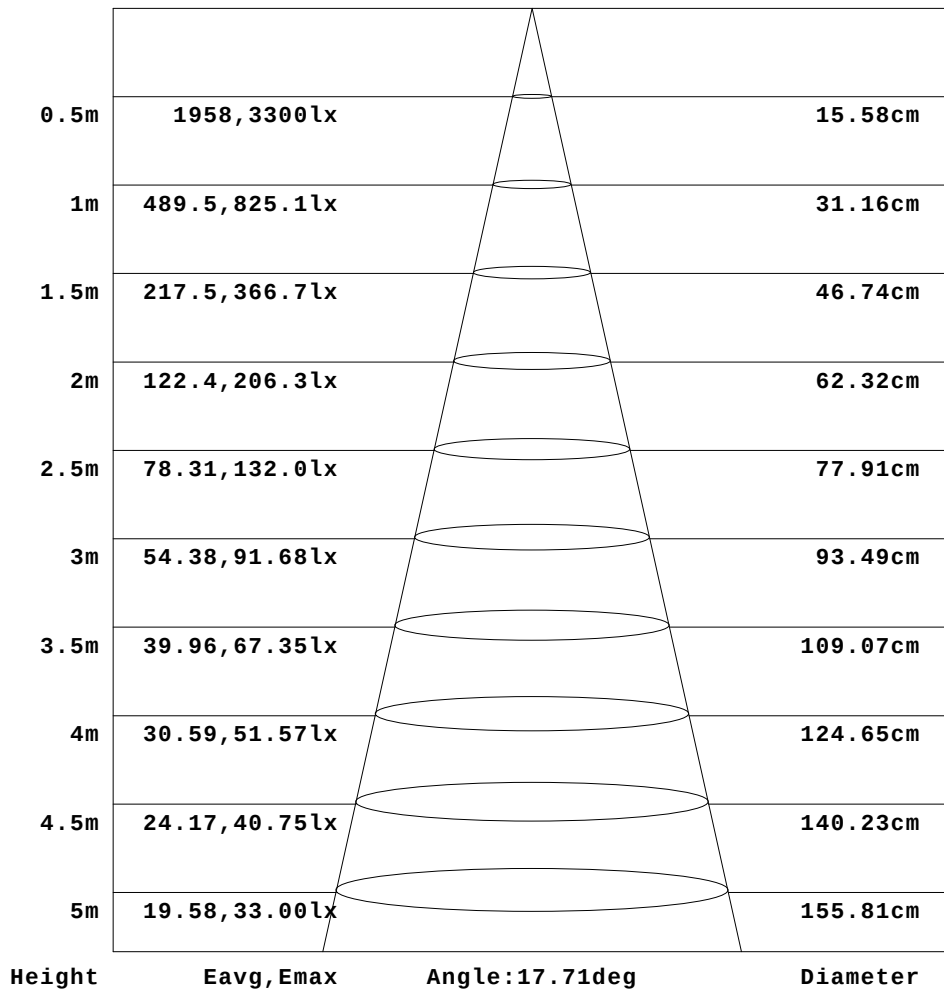
H<sub>(b)</sub> Range:-90 - 90DEG  
H<sub>(b)</sub> Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2026-09-04

V(B) Range:-80 - 80DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE G0-2000A\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:7.300m [K=1.0000]  
Remarks:

## AAI Figure

|                                                                                  |                  |                     |
|----------------------------------------------------------------------------------|------------------|---------------------|
| Test:U:150.21V I:0.0338A P:2.6952W PF:0.5310 Freq:50.00Hz Lamp Flux:130.047x1 lm |                  |                     |
| NAME: 6780                                                                       | TYPE:2W-4000K    | WEIGHT:             |
| SPEC.:                                                                           | DIM.: 65*65*60mm | SERIAL No.:01       |
| MFR.: NORDECOR                                                                   | SUR.:            | Shielding Angle:15° |

Flux out:38.57 lm



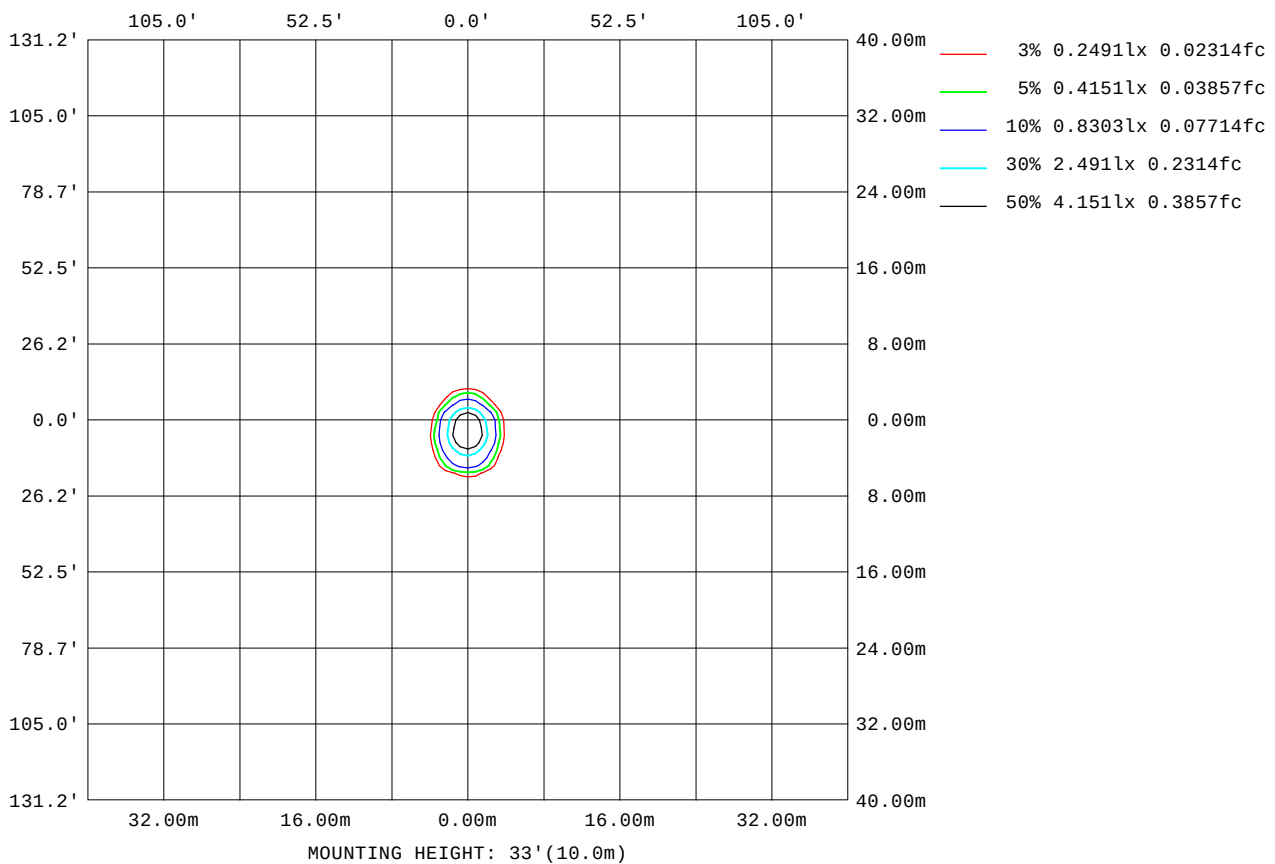
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H<sub>(b)</sub> Range:-90 - 90DEG  
H<sub>(b)</sub> Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2026-09-04

V(B) Range:-80 - 80DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE G0-2000A\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:7.300m [K=1.0000]  
Remarks:

## ISOLUX DIAGRAM

|                                                                                  |                  |                     |
|----------------------------------------------------------------------------------|------------------|---------------------|
| Test:U:150.21V I:0.0338A P:2.6952W PF:0.5310 Freq:50.00Hz Lamp Flux:130.047x1 lm |                  |                     |
| NAME: 6780                                                                       | TYPE:2W-4000K    | WEIGHT:             |
| SPEC.:                                                                           | DIM.: 65*65*60mm | SERIAL No.:01       |
| MFR.: NORDECOR                                                                   | SUR.:            | Shielding Angle:15° |



H<sub>(b)</sub> Range: -90 - 90DEG  
H<sub>(b)</sub> Interval: 1.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2026-09-04

V(B) Range: -80 - 80DEG  
V(B) Interval: 5.0DEG  
Test System: EVERFINE G0-2000A\_V1 SYSTEM V2.00.411  
Humidity: 65.0%  
Test Distance: 7.300m [K=1.0000]  
Remarks:

## LED Avg.L Report

|                                                                                  |                  |                     |
|----------------------------------------------------------------------------------|------------------|---------------------|
| Test:U:150.21V I:0.0338A P:2.6952W PF:0.5310 Freq:50.00Hz Lamp Flux:130.047x1 lm |                  |                     |
| NAME: 6780                                                                       | TYPE:2W-4000K    | WEIGHT:             |
| SPEC.:                                                                           | DIM.: 65*65*60mm | SERIAL No.:01       |
| MFR.: NORDECOR                                                                   | SUR.:            | Shielding Angle:15° |

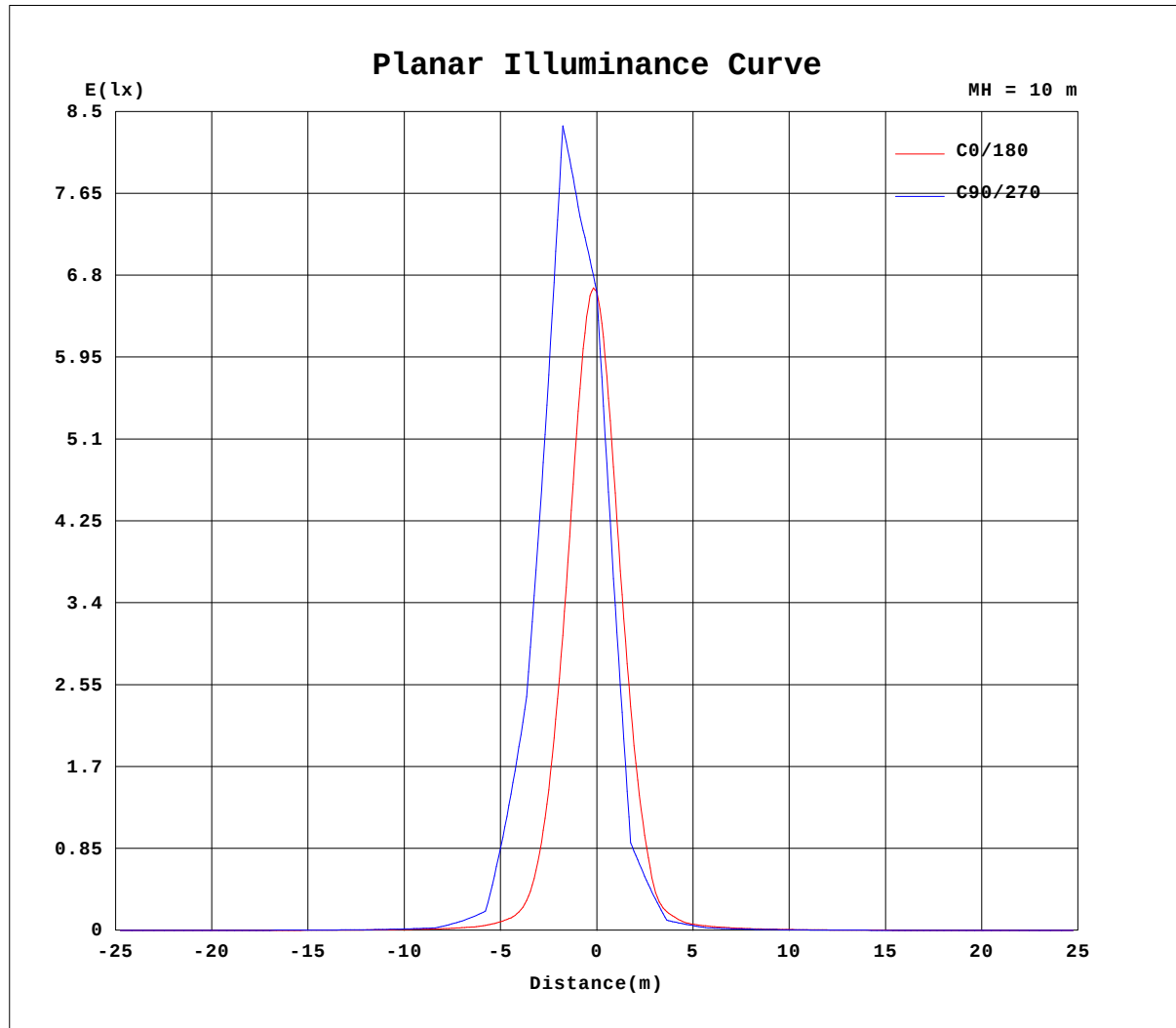
| AvgL           | cd/m2 |
|----------------|-------|
| L_0~180(65)av  | 36    |
| L_0~180(75)av  | 48    |
| L_0~180(85)av  | 122   |
| L_90~270(65)av | 40    |
| L_90~270(75)av | 51    |
| L_90~270(85)av | 0     |
| L_45(65)av     | 33    |
| L_45(75)av     | 46    |
| L_45(85)av     | 52    |

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:2026-09-04

V(B) Range:-80 - 80DEG  
 V(B) Interval: 5.0DEG  
 Test System:EVERFINE G0-2000A\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:7.300m [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: 2026-09-04

V(B) Range: -80 - 80DEG  
V(B) Interval: 5.0DEG  
Test System: EVERFINE G0-2000A\_V1 SYSTEM V2.00.411  
Humidity: 65.0%  
Test Distance: 7.300m [K=1.0000]  
Remarks:







