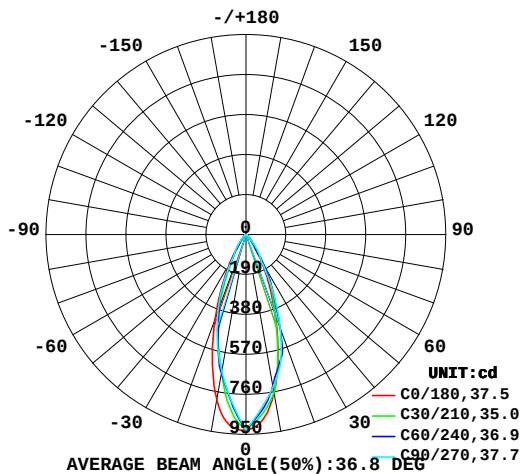


## LUMINAIRE PHOTOMETRIC TEST REPORT

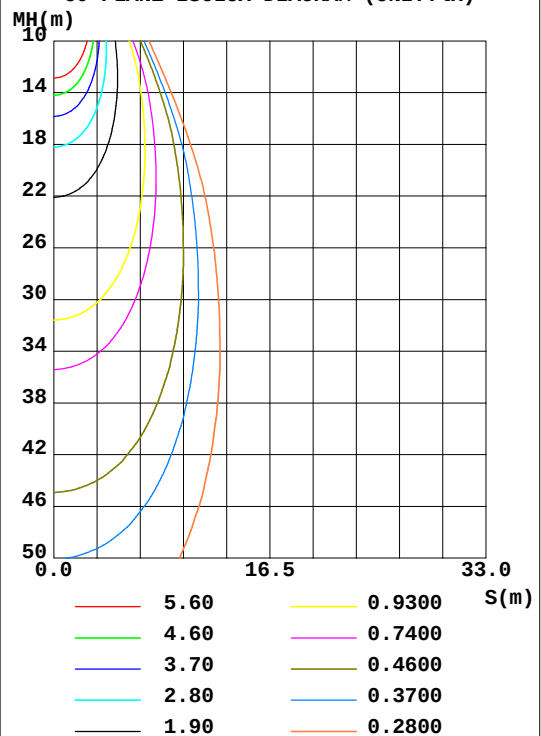
|                                                                                  |                   |                     |
|----------------------------------------------------------------------------------|-------------------|---------------------|
| Test:U:220.14V I:0.0988A P:10.174W PF:0.4678 Freq:50.00Hz Lamp Flux:428.274x1 lm |                   |                     |
| NAME: POWERUS                                                                    | TYPE:             | WEIGHT:             |
| SPEC.:                                                                           | DIM.: 78*43*143mm | SERIAL No.:01       |
| MFR.: NORDECOR                                                                   | SUR.:             | Shielding Angle:35° |

| DATA OF LAMP     |         | PHOTOMETRIC DATA Eff: 42.09 lm/W |        |                    |          |
|------------------|---------|----------------------------------|--------|--------------------|----------|
| MODEL            | 6856    | I <sub>max</sub> (cd)            | 929.5  | S/MH(C0/180)       | 0.62     |
| NOMINAL POWER(W) | 10      | LOR(%)                           | 100.0  | S/MH(C90/270)      | 0.55     |
| RATED VOLTAGE(V) | 85-265V | TOTAL FLUX(lm)                   | 428.27 | h UP, DN(C0-180)   | 0.0,52.4 |
| NOMINAL FLUX(lm) | 428.274 | CIE CLASS                        | DIRECT | h UP, DN(C180-360) | 0.0,47.6 |
| LAMPS INSIDE     | 1       | h up(%)                          | 0.0    | CIBSE SHR NOM      | 0.50     |
| TEST VOLTAGE(V)  | 220     | h down(%)                        | 100.0  | CIBSE SHR MAX      | 0.65     |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT: lx)



H<sub>(b)</sub> Range: -90 - 90DEG  
H<sub>(b)</sub> Interval: 1.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2026-06-30

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  | 767.1                 | 741.4 | 737.8 | 709.0 | 798.4 | 668.9 | 662.6 | 689.9 | 0- 10   | 76.18    | 76.18   | 17.8, 17.8 |
| 20  | 410.4                 | 478.9 | 478.6 | 392.2 | 432.1 | 351.2 | 391.4 | 397.7 | 10- 20  | 155.1    | 231.3   | 54, 54     |
| 30  | 142.0                 | 175.3 | 151.0 | 154.4 | 149.0 | 141.8 | 114.7 | 147.3 | 20- 30  | 120.5    | 351.7   | 82.1, 82.1 |
| 40  | 30.64                 | 31.26 | 58.54 | 28.50 | 32.25 | 29.42 | 46.51 | 29.75 | 30- 40  | 47.51    | 399.3   | 93.2, 93.2 |
| 50  | 8.031                 | 10.31 | 10.40 | 10.31 | 9.277 | 10.81 | 10.41 | 10.10 | 40- 50  | 13.95    | 413.2   | 96.5, 96.5 |
| 60  | 6.281                 | 5.558 | 6.573 | 5.848 | 7.195 | 6.018 | 6.441 | 5.722 | 50- 60  | 6.436    | 419.6   | 98, 98     |
| 70  | 4.262                 | 3.947 | 4.280 | 4.004 | 4.817 | 4.141 | 4.406 | 4.108 | 60- 70  | 5.057    | 424.7   | 99.2, 99.2 |
| 80  | 2.248                 | 1.754 | 0     | 1.645 | 2.542 | 1.849 | 0     | 1.971 | 70- 80  | 3.087    | 427.8   | 99.9, 99.9 |
| 90  | 1.080                 | 0     | 0     | 0     | 1.106 | 0     | 0     | 0     | 80- 90  | 0.4817   | 428.3   | 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): 408.74 lm

%lum = 95.4%

%lamp = 95.4%

Conical surface Flux(120deg): 419.65 lm

%lum = 98.0%

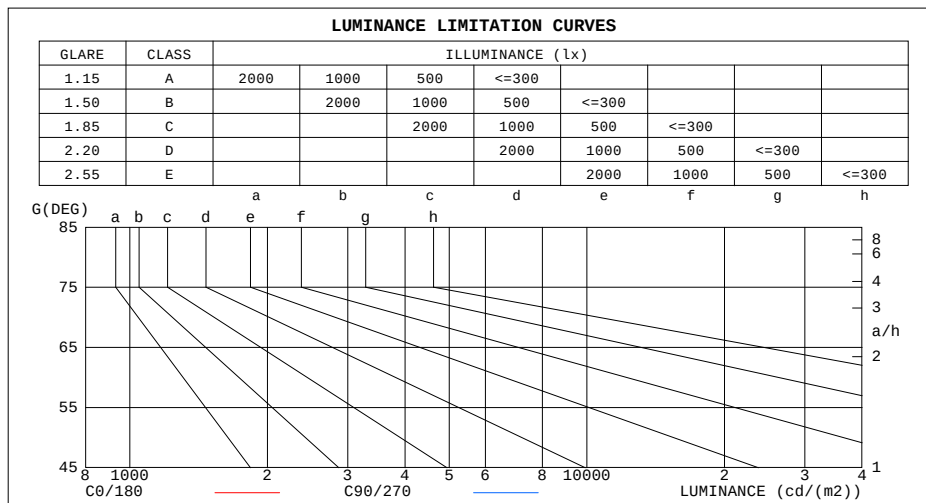
%lamp = 98.0%

H<sub>(b)</sub> Range:-90 - 90DEG  
 H<sub>(b)</sub> Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2026-06-30

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:220.14V I:0.0988A P:10.174W PF:0.4678 Freq:50.00Hz Lamp Flux:428.274x1 lm |                   |                     |
| NAME:                                                                            | TYPE:             | WEIGHT:             |
| SPEC.:                                                                           | DIM.: 78*43*143mm | SERIAL No.:01       |
| MFR.: NORDECOR                                                                   | SUR.:             | Shielding Angle:35° |



| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G(DEG)            | C0/180 | C90/270 |
| 85                | 138    | 0       |
| 80                | 129    | 0       |
| 75                | 125    | 121     |
| 70                | 125    | 125     |
| 65                | 125    | 128     |
| 60                | 126    | 131     |
| 55                | 125    | 147     |
| 50                | 125    | 162     |
| 45                | 167    | 173     |

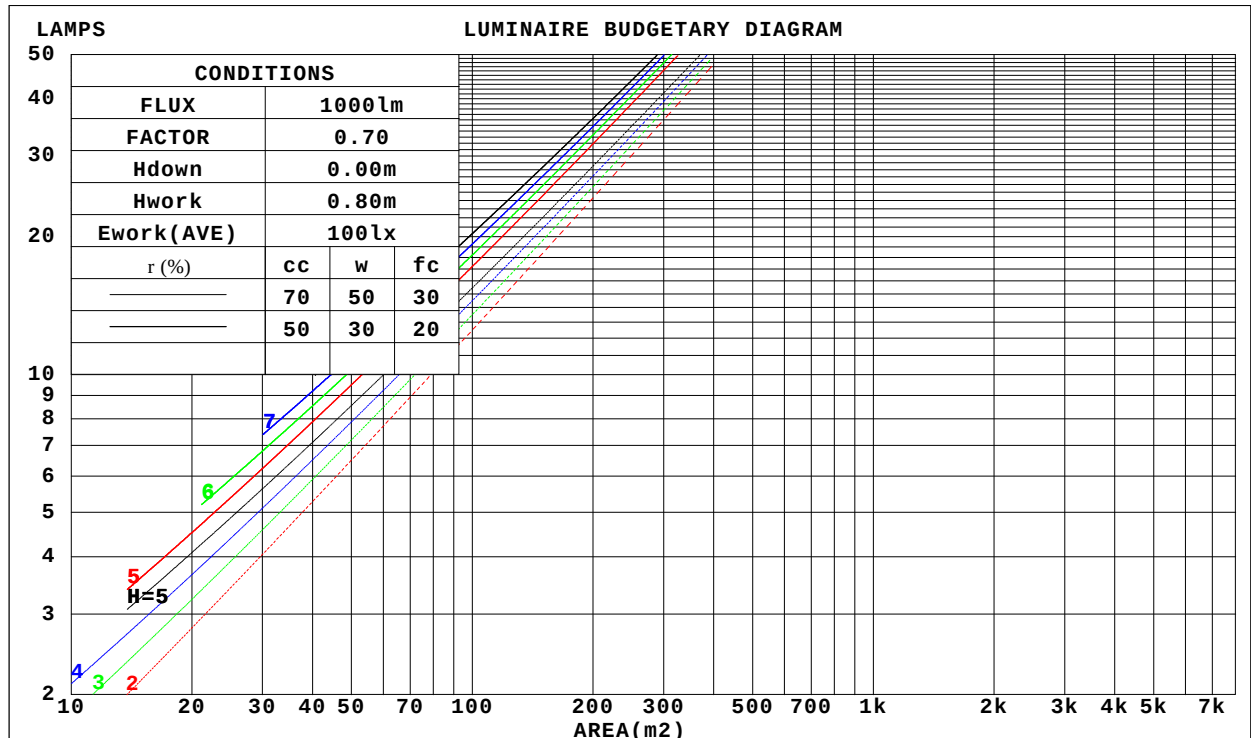
H<sub>(b)</sub> Range: -90 - 90DEG  
H<sub>(b)</sub> Interval: 1.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2026-06-30

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:220.14V I:0.0988A P:10.174W PF:0.4678 Freq:50.00Hz Lamp Flux:428.274x1 lm |                   |                     |
| NAME:                                                                            | TYPE:             | WEIGHT:             |
| SPEC.:                                                                           | DIM.: 78*43*143mm | SERIAL No.:01       |
| MFR.: NORDECOR                                                                   | SUR.:             | Shielding Angle:35° |

| 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  | 1.11                  | 1.09 | 1.07 | 1.09                            | 1.07 | 1.05 | 1.05 | 1.03 | 1.02 | 1.01 | .99  | .99  | .98  | .97  | .96  | .94  |
| 2.0  | 1.04                  | 1.00 | .97  | 1.02                            | .99  | .96  | .99  | .96  | .94  | .96  | .94  | .92  | .94  | .92  | .90  | .89  |
| 3.0  | .98                   | .93  | .90  | .97                             | .92  | .89  | .94  | .90  | .88  | .92  | .89  | .86  | .89  | .87  | .85  | .83  |
| 4.0  | .92                   | .87  | .84  | .91                             | .87  | .83  | .89  | .85  | .82  | .87  | .84  | .81  | .85  | .83  | .80  | .79  |
| 5.0  | .88                   | .82  | .78  | .87                             | .82  | .78  | .85  | .81  | .77  | .83  | .80  | .77  | .82  | .79  | .76  | .75  |
| 6.0  | .83                   | .78  | .74  | .82                             | .77  | .74  | .81  | .76  | .73  | .80  | .76  | .73  | .78  | .75  | .72  | .71  |
| 7.0  | .79                   | .74  | .70  | .78                             | .73  | .70  | .77  | .73  | .69  | .76  | .72  | .69  | .75  | .71  | .69  | .67  |
| 8.0  | .75                   | .70  | .66  | .75                             | .70  | .66  | .74  | .69  | .66  | .73  | .69  | .66  | .72  | .68  | .65  | .64  |
| 9.0  | .72                   | .67  | .63  | .72                             | .66  | .63  | .71  | .66  | .63  | .70  | .66  | .63  | .69  | .65  | .62  | .61  |
| 10.0 | .69                   | .64  | .60  | .68                             | .64  | .60  | .68  | .63  | .60  | .67  | .63  | .60  | .66  | .62  | .60  | .59  |



H<sub>(b)</sub> Range:-90 - 90DEG  
H<sub>(b)</sub> Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2026-06-30

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:220.14V I:0.0988A P:10.174W PF:0.4678 Freq:50.00Hz Lamp Flux:428.274x1 lm |  |                   |  |                     |  |
| NAME:                                                                            |  | TYPE:             |  | WEIGHT:             |  |
| SPEC.:                                                                           |  | DIM.: 78*43*143mm |  | SERIAL No.:01       |  |
| MFR.: NORDECOR                                                                   |  | SUR.:             |  | Shielding Angle:35° |  |

| 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             | .169                  | .096 | .031 | .163 | .093 | .029 | .150                            | .086 | .028 | .139 | .080 | .026 | .128 | .074 | .024 |   |
| 2.0             | .160                  | .088 | .027 | .154 | .085 | .026 | .144                            | .080 | .025 | .134 | .075 | .024 | .125 | .071 | .022 |   |
| 3.0             | .151                  | .080 | .024 | .146 | .078 | .024 | .137                            | .074 | .023 | .129 | .071 | .022 | .121 | .067 | .021 |   |
| 4.0             | .142                  | .074 | .022 | .138 | .072 | .021 | .131                            | .069 | .021 | .124 | .066 | .020 | .117 | .064 | .019 |   |
| 5.0             | .135                  | .069 | .020 | .131 | .067 | .020 | .125                            | .065 | .019 | .118 | .063 | .019 | .113 | .060 | .018 |   |
| 6.0             | .128                  | .064 | .018 | .125 | .063 | .018 | .119                            | .061 | .018 | .114 | .059 | .017 | .109 | .057 | .017 |   |
| 7.0             | .122                  | .060 | .017 | .119 | .059 | .017 | .114                            | .058 | .017 | .109 | .056 | .016 | .105 | .054 | .016 |   |
| 8.0             | .116                  | .057 | .016 | .114 | .056 | .016 | .109                            | .055 | .016 | .105 | .053 | .015 | .101 | .052 | .015 |   |
| 9.0             | .111                  | .054 | .015 | .109 | .053 | .015 | .105                            | .052 | .015 | .101 | .051 | .015 | .098 | .050 | .014 |   |
| 10.0            | .107                  | .051 | .014 | .105 | .051 | .014 | .101                            | .050 | .014 | .098 | .048 | .014 | .094 | .047 | .014 |   |

| 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             | .171                  | .157 | .145 | .146 | .135 | .125 | .100                                       | .093 | .087 | .057 | .054 | .050 | .018 | .017 | .016 |   |
| 2.0             | .155                  | .133 | .114 | .132 | .114 | .099 | .091                                       | .079 | .069 | .052 | .046 | .040 | .017 | .015 | .013 |   |
| 3.0             | .142                  | .113 | .091 | .121 | .098 | .079 | .083                                       | .068 | .055 | .048 | .040 | .033 | .015 | .013 | .011 |   |
| 4.0             | .131                  | .099 | .074 | .112 | .085 | .064 | .077                                       | .059 | .045 | .045 | .035 | .027 | .014 | .011 | .009 |   |
| 5.0             | .121                  | .087 | .061 | .104 | .075 | .053 | .072                                       | .052 | .038 | .042 | .031 | .022 | .013 | .010 | .007 |   |
| 6.0             | .113                  | .077 | .051 | .097 | .067 | .045 | .067                                       | .047 | .032 | .039 | .028 | .019 | .013 | .009 | .006 |   |
| 7.0             | .106                  | .070 | .044 | .091 | .060 | .038 | .063                                       | .042 | .027 | .037 | .025 | .016 | .012 | .008 | .005 |   |
| 8.0             | .100                  | .063 | .038 | .086 | .055 | .033 | .060                                       | .038 | .023 | .035 | .023 | .014 | .011 | .007 | .005 |   |
| 9.0             | .095                  | .058 | .033 | .082 | .050 | .028 | .057                                       | .035 | .020 | .033 | .021 | .012 | .011 | .007 | .004 |   |
| 10.0            | .090                  | .053 | .029 | .078 | .046 | .025 | .054                                       | .033 | .018 | .032 | .019 | .011 | .010 | .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:** 2026-06-30

**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:**

### UGR(Unified Glare Rating) Table

|                                                                                  |               |                  |                   |     |     |                     |     |     |     |     |
|----------------------------------------------------------------------------------|---------------|------------------|-------------------|-----|-----|---------------------|-----|-----|-----|-----|
| Test:U:220.14V I:0.0988A P:10.174W PF:0.4678 Freq:50.00Hz Lamp Flux:428.274x1 lm |               |                  |                   |     |     |                     |     |     |     |     |
| NAME:                                                                            |               |                  | TYPE:             |     |     | WEIGHT:             |     |     |     |     |
| SPEC.:                                                                           |               |                  | DIM.: 78*43*143mm |     |     | SERIAL No.:01       |     |     |     |     |
| MFR.: NORDECOR                                                                   |               |                  | SUR.:             |     |     | Shielding Angle:35° |     |     |     |     |
| 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                                                                    | 4.9           | 5.8              | 5.1               | 5.9 | 6.1 | 6.2                 | 7.1 | 6.4 | 7.2 | 7.4 |
|                                                                                  | 3H            | 5.4              | 6.2               | 5.6 | 6.3 | 6.5                 | 7.3 | 6.8 | 7.5 | 7.7 |
|                                                                                  | 4H            | 5.6              | 6.4               | 5.9 | 6.6 | 6.8                 | 6.7 | 7.5 | 7.0 | 7.7 |
|                                                                                  | 6H            | 5.9              | 6.6               | 6.2 | 6.8 | 7.1                 | 6.7 | 7.4 | 7.0 | 7.7 |
|                                                                                  | 8H            | 6.0              | 6.7               | 6.3 | 7.0 | 7.2                 | 6.7 | 7.3 | 7.0 | 7.6 |
|                                                                                  | 12H           | 6.1              | 6.8               | 6.4 | 7.0 | 7.3                 | 6.6 | 7.3 | 6.9 | 7.5 |
| 4H                                                                               | 2H            | 4.9              | 5.7               | 5.2 | 5.9 | 6.1                 | 6.1 | 6.9 | 6.4 | 7.1 |
|                                                                                  | 3H            | 5.5              | 6.2               | 5.9 | 6.5 | 6.7                 | 6.6 | 7.3 | 6.9 | 7.5 |
|                                                                                  | 4H            | 5.9              | 6.5               | 6.3 | 6.8 | 7.1                 | 6.9 | 7.5 | 7.3 | 7.8 |
|                                                                                  | 6H            | 6.3              | 6.8               | 6.7 | 7.2 | 7.5                 | 7.0 | 7.5 | 7.3 | 7.8 |
|                                                                                  | 8H            | 6.5              | 7.0               | 6.9 | 7.3 | 7.7                 | 6.9 | 7.4 | 7.3 | 7.7 |
|                                                                                  | 12H           | 6.7              | 7.1               | 7.1 | 7.5 | 7.9                 | 6.8 | 7.3 | 7.3 | 7.7 |
| 8H                                                                               | 4H            | 6.0              | 6.5               | 6.4 | 6.9 | 7.2                 | 7.0 | 7.5 | 7.4 | 7.8 |
|                                                                                  | 6H            | 6.6              | 7.0               | 7.0 | 7.4 | 7.8                 | 7.0 | 7.4 | 7.5 | 7.8 |
|                                                                                  | 8H            | 6.8              | 7.2               | 7.3 | 7.6 | 8.1                 | 7.0 | 7.3 | 7.4 | 7.7 |
|                                                                                  | 12H           | 7.1              | 7.4               | 7.6 | 7.9 | 8.3                 | 6.9 | 7.2 | 7.4 | 7.7 |
| 12H                                                                              | 4H            | 6.0              | 6.5               | 6.4 | 6.8 | 7.2                 | 7.0 | 7.4 | 7.4 | 7.8 |
|                                                                                  | 6H            | 6.5              | 6.9               | 7.0 | 7.3 | 7.7                 | 7.0 | 7.4 | 7.5 | 7.8 |
|                                                                                  | 8H            | 6.8              | 7.1               | 7.3 | 7.6 | 8.0                 | 7.0 | 7.3 | 7.4 | 7.7 |
| Variations with the observer position at spacings:                               |               |                  |                   |     |     |                     |     |     |     |     |
| S = 1.0H                                                                         | + 1.1 / - 1.3 |                  |                   |     |     | + 2.3 / - 2.9       |     |     |     |     |
| 1.5H                                                                             | + 2.4 / - 1.2 |                  |                   |     |     | + 4.5 / - 2.8       |     |     |     |     |
| 2.0H                                                                             | + 1.2 / - 0.7 |                  |                   |     |     | + 0.4 / - 0.7       |     |     |     |     |

CIE Pub.117, 428.3 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -2.9)  
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:2026-06-30

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:

### UTILIZATION FACTORS TABLE

|                                                                                  |                   |                     |
|----------------------------------------------------------------------------------|-------------------|---------------------|
| Test:U:220.14V I:0.0988A P:10.174W PF:0.4678 Freq:50.00Hz Lamp Flux:428.274x1 lm |                   |                     |
| NAME:                                                                            | TYPE:             | WEIGHT:             |
| SPEC.:                                                                           | DIM.: 78*43*143mm | SERIAL No.:01       |
| MFR.: NORDECOR                                                                   | SUR.:             | Shielding Angle:35° |

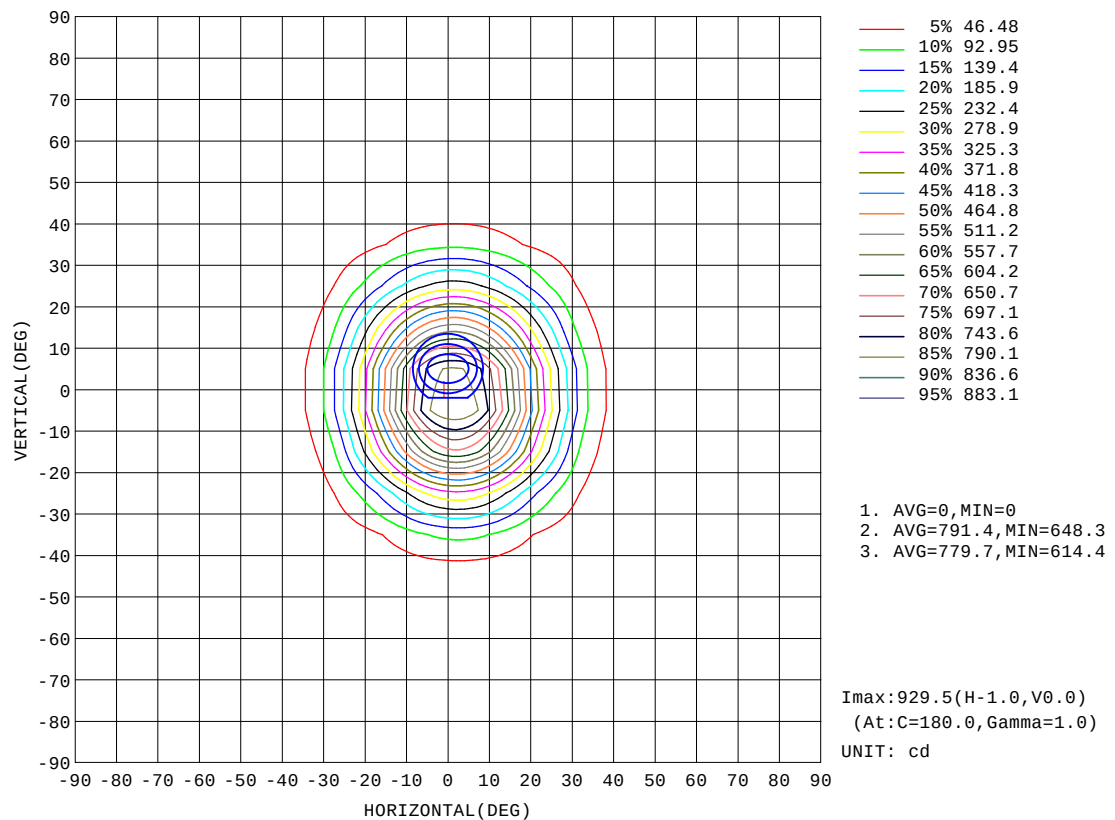
| REFLECTANCE                      |                                                     |     |           |     |     |     |     |               |     |        |
|----------------------------------|-----------------------------------------------------|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| 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                         | 87                                                  | 81  | 77        | 87  | 81  | 77  | 86  | 81            | 77  | 74     |
| 0.80                             | 95                                                  | 89  | 85        | 94  | 89  | 85  | 93  | 88            | 85  | 81     |
| 1.00                             | 99                                                  | 93  | 90        | 98  | 93  | 89  | 97  | 93            | 89  | 85     |
| 1.25                             | 103                                                 | 98  | 94        | 102 | 97  | 94  | 100 | 96            | 93  | 89     |
| 1.50                             | 106                                                 | 101 | 97        | 104 | 100 | 97  | 102 | 99            | 96  | 91     |
| 2.00                             | 108                                                 | 104 | 101       | 107 | 103 | 100 | 104 | 101           | 99  | 93     |
| 2.50                             | 110                                                 | 106 | 103       | 108 | 105 | 102 | 105 | 103           | 100 | 94     |
| 3.00                             | 112                                                 | 108 | 105       | 110 | 107 | 104 | 106 | 104           | 102 | 96     |
| 4.00                             | 114                                                 | 111 | 109       | 112 | 109 | 107 | 108 | 106           | 105 | 97     |
| 5.00                             | 115                                                 | 113 | 111       | 113 | 111 | 109 | 109 | 107           | 106 | 99     |
| 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:2026-06-30**

**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:220.14V I:0.0988A P:10.174W PF:0.4678 Freq:50.00Hz Lamp Flux:428.274x1 lm |                   |                     |
| NAME:                                                                            | TYPE:             | WEIGHT:             |
| SPEC.:                                                                           | DIM.: 78*43*143mm | SERIAL No.:01       |
| MFR.: NORDECOR                                                                   | SUR.:             | Shielding Angle:35° |



H<sub>(b)</sub> Range:-90 - 90DEG  
H<sub>(b)</sub> Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2026-06-30

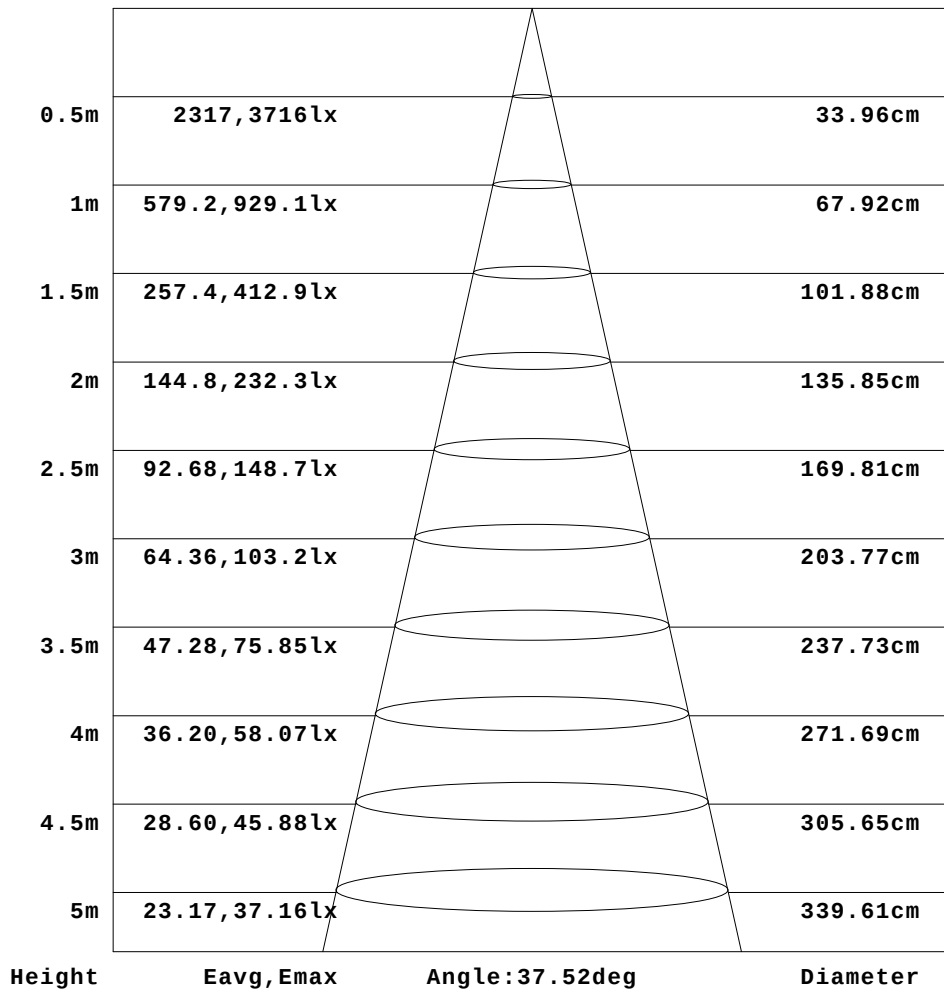
V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE G0-2000A\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:5.000m [K=1.0000]  
Remarks:



## AAI Figure

|                                                                                  |                   |                     |
|----------------------------------------------------------------------------------|-------------------|---------------------|
| Test:U:220.14V I:0.0988A P:10.174W PF:0.4678 Freq:50.00Hz Lamp Flux:428.274x1 lm |                   |                     |
| NAME:                                                                            | TYPE:             | WEIGHT:             |
| SPEC.:                                                                           | DIM.: 78*43*143mm | SERIAL No.:01       |
| MFR.: NORDECOR                                                                   | SUR.:             | Shielding Angle:35° |

Flux out:215.7 lm



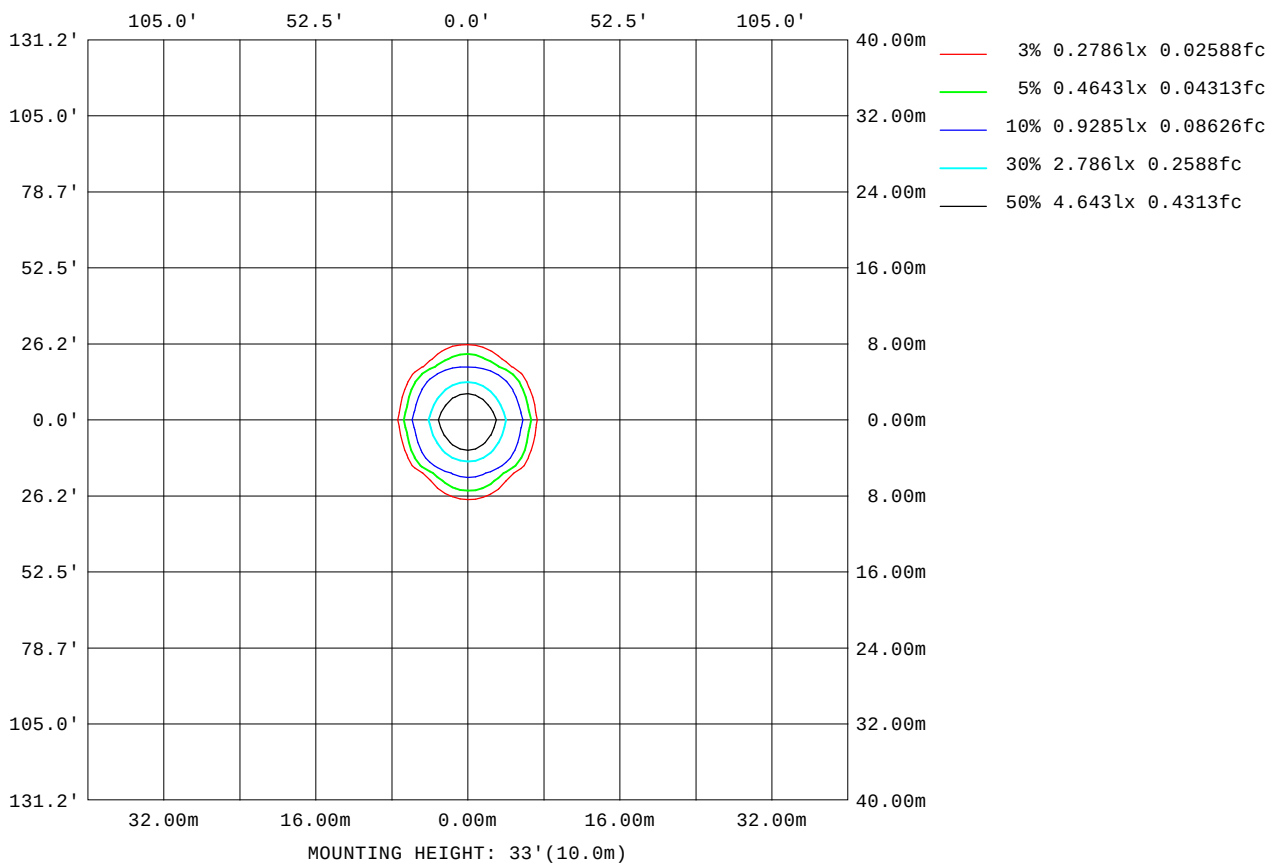
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H<sub>(b)</sub> Range:-90 - 90DEG  
H<sub>(b)</sub> Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2026-06-30

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:220.14V I:0.0988A P:10.174W PF:0.4678 Freq:50.00Hz Lamp Flux:428.274x1 lm |                   |                     |
| NAME:                                                                            | TYPE:             | WEIGHT:             |
| SPEC.:                                                                           | DIM.: 78*43*143mm | SERIAL No.:01       |
| MFR.: NORDECOR                                                                   | SUR.:             | Shielding Angle:35° |



H<sub>(b)</sub> Range: -90 - 90DEG  
H<sub>(b)</sub> Interval: 1.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2026-06-30

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:220.14V I:0.0988A P:10.174W PF:0.4678 Freq:50.00Hz Lamp Flux:428.274x1 lm |                   |                     |
| NAME:                                                                            | TYPE:             | WEIGHT:             |
| SPEC.:                                                                           | DIM.: 78*43*143mm | SERIAL No.:01       |
| MFR.: NORDECOR                                                                   | SUR.:             | Shielding Angle:35° |

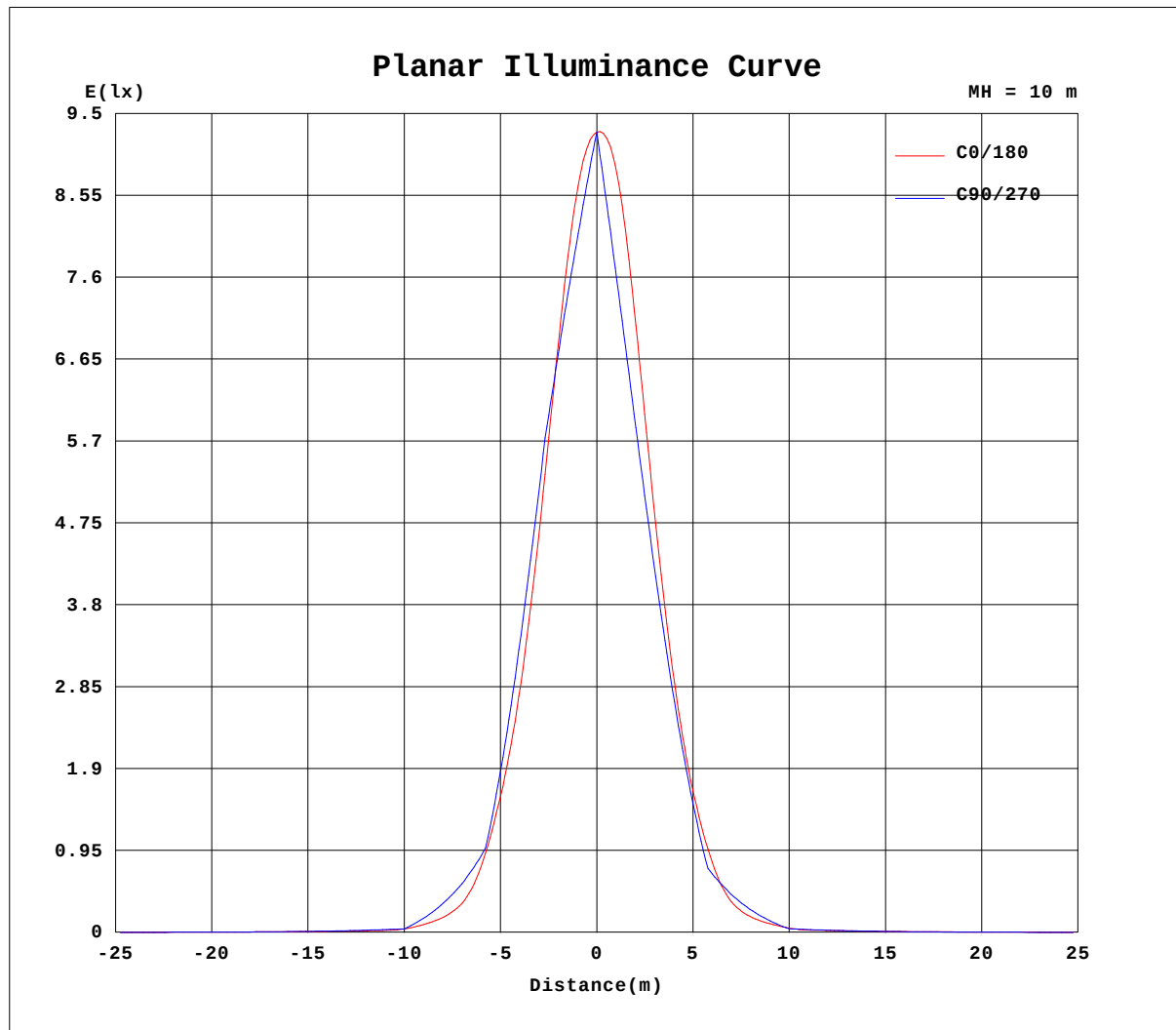
| AvgL           | cd/m2 |
|----------------|-------|
| L_0~180(65)av  | 133   |
| L_0~180(75)av  | 133   |
| L_0~180(85)av  | 162   |
| L_90~270(65)av | 128   |
| L_90~270(75)av | 126   |
| L_90~270(85)av | 0     |
| L_45(65)av     | 117   |
| L_45(75)av     | 119   |
| L_45(85)av     | 0     |

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:2026-06-30

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: 2026-06-30

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:







