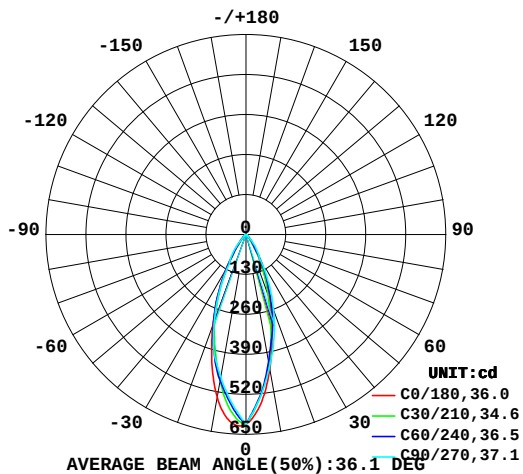


## LUMINAIRE PHOTOMETRIC TEST REPORT

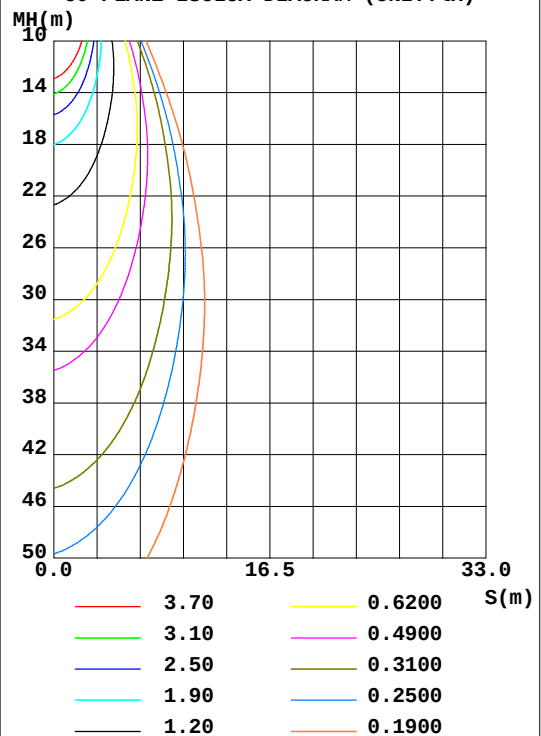
|                                                                                  |                   |                     |
|----------------------------------------------------------------------------------|-------------------|---------------------|
| Test:U:220.21V I:0.0862A P:8.5079W PF:0.4483 Freq:50.00Hz Lamp Flux:289.331x1 lm |                   |                     |
| NAME: POWERUS                                                                    | TYPE:             | WEIGHT:             |
| SPEC.:                                                                           | DIM.: 100*55*85mm | SERIAL No.:01       |
| MFR.: NORDECOR                                                                   | SUR.:             | Shielding Angle:35° |

| DATA OF LAMP     |         | PHOTOMETRIC DATA Eff: 34.01 lm/W |        |                    |          |
|------------------|---------|----------------------------------|--------|--------------------|----------|
| MODEL            | 6379    | I <sub>max</sub> (cd)            | 623.3  | S/MH(C0/180)       | 0.65     |
| NOMINAL POWER(W) | 8       | LOR(%)                           | 100.0  | S/MH(C90/270)      | 0.63     |
| RATED VOLTAGE(V) | 85-265V | TOTAL FLUX(lm)                   | 289.33 | h UP, DN(C0-180)   | 0.0,48.1 |
| NOMINAL FLUX(lm) | 289.331 | CIE CLASS                        | DIRECT | h UP, DN(C180-360) | 0.0,51.9 |
| 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  | 446.5                 | 423.1 | 439.5 | 461.8 | 538.9  | 483.8 | 471.3 | 440.6 | 0- 10   | 49.63    | 49.63   | 17.2, 17.2 |
| 20  | 228.5                 | 235.8 | 263.6 | 268.8 | 316.7  | 300.9 | 302.3 | 260.5 | 10- 20  | 99.71    | 149.3   | 51.6, 51.6 |
| 30  | 75.30                 | 86.51 | 89.38 | 114.9 | 131.1  | 130.8 | 110.0 | 96.16 | 20- 30  | 81.21    | 230.5   | 79.7, 79.7 |
| 40  | 18.92                 | 21.01 | 36.89 | 25.62 | 27.75  | 25.98 | 42.91 | 20.46 | 30- 40  | 35.36    | 265.9   | 91.9, 91.9 |
| 50  | 6.823                 | 7.864 | 9.042 | 9.672 | 7.709  | 8.951 | 7.839 | 7.270 | 40- 50  | 10.98    | 276.9   | 95.7, 95.7 |
| 60  | 5.203                 | 5.053 | 5.826 | 5.371 | 5.884  | 4.709 | 4.817 | 4.481 | 50- 60  | 5.424    | 282.3   | 97.6, 97.6 |
| 70  | 3.378                 | 3.418 | 3.712 | 3.643 | 3.925  | 3.171 | 3.178 | 3.014 | 60- 70  | 4.183    | 286.5   | 99, 99     |
| 80  | 1.650                 | 1.383 | 0     | 1.464 | 1.991  | 1.396 | 0     | 1.341 | 70- 80  | 2.456    | 288.9   | 99.9, 99.9 |
| 90  | 0.8132                | 0     | 0     | 0     | 0.8452 | 0     | 0     | 0     | 80- 90  | 0.3846   | 289.3   | 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): 273.23 lm

%lum = 94.4%

%lamp = 94.4%

Conical surface Flux(120deg): 282.31 lm

%lum = 97.6%

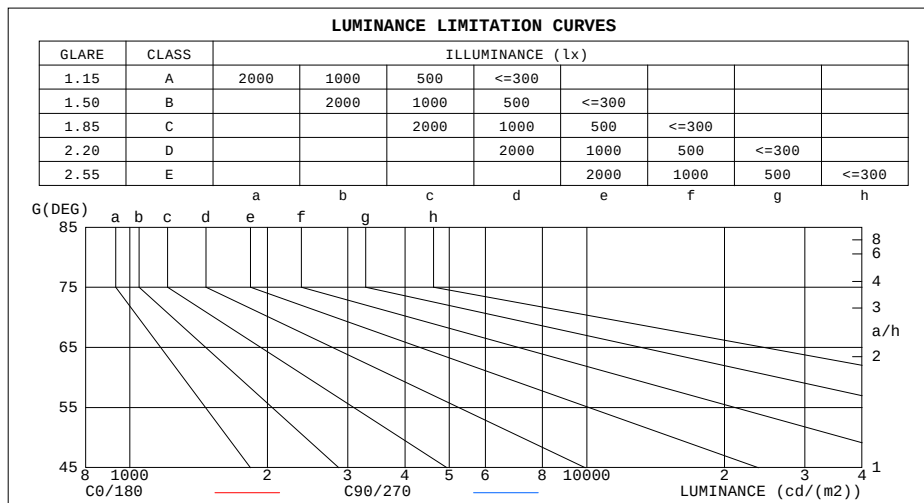
%lamp = 97.6%

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:220.21V I:0.0862A P:8.5079W PF:0.4483 Freq:50.00Hz Lamp Flux:289.331x1 lm |                   |                     |
| NAME:                                                                            | TYPE:             | WEIGHT:             |
| SPEC.:                                                                           | DIM.: 100*55*85mm | SERIAL No.:01       |
| MFR.: NORDECOR                                                                   | SUR.:             | Shielding Angle:35° |



| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G(DEG)            | C0/180 | C90/270 |
| 85                | 98     | 0       |
| 80                | 95     | 0       |
| 75                | 94     | 103     |
| 70                | 99     | 109     |
| 65                | 102    | 113     |
| 60                | 104    | 117     |
| 55                | 105    | 130     |
| 50                | 106    | 141     |
| 45                | 114    | 151     |

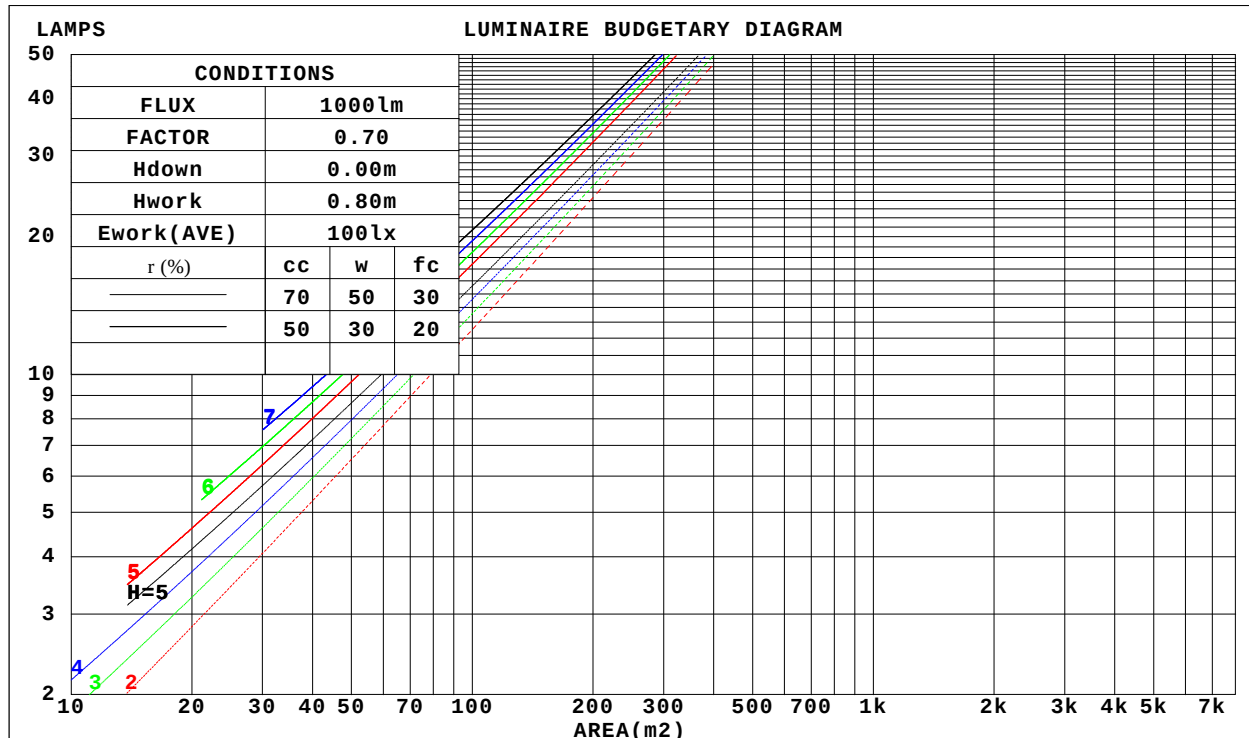
H<sub>(b)</sub> Range: -90 - 90DEG  
H<sub>(b)</sub> Interval: 1.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2026-06-30

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:220.21V I:0.0862A P:8.5079W PF:0.4483 Freq:50.00Hz Lamp Flux:289.331x1 lm |                   |                     |
| NAME:                                                                            | TYPE:             | WEIGHT:             |
| SPEC.:                                                                           | DIM.: 100*55*85mm | 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 | .00 |
| 1.0  | 1.11                                                                       | 1.09 | 1.06 | 1.09 | 1.07 | 1.05 | 1.05 | 1.03 | 1.01 | 1.01 | .98  | .98  | .98  | .97  | .96  | .94 |
| 2.0  | 1.04                                                                       | .99  | .97  | 1.02 | .98  | .96  | .99  | .96  | .93  | .96  | .93  | .91  | .93  | .91  | .90  | .88 |
| 3.0  | .97                                                                        | .93  | .89  | .96  | .92  | .88  | .93  | .90  | .87  | .91  | .88  | .85  | .89  | .86  | .84  | .83 |
| 4.0  | .92                                                                        | .86  | .83  | .91  | .86  | .82  | .88  | .84  | .81  | .86  | .83  | .80  | .85  | .82  | .79  | .78 |
| 5.0  | .87                                                                        | .81  | .77  | .86  | .81  | .77  | .84  | .80  | .76  | .82  | .78  | .75  | .81  | .77  | .75  | .73 |
| 6.0  | .82                                                                        | .77  | .73  | .81  | .76  | .72  | .80  | .75  | .72  | .78  | .74  | .71  | .77  | .74  | .71  | .70 |
| 7.0  | .78                                                                        | .72  | .69  | .77  | .72  | .68  | .76  | .71  | .68  | .75  | .71  | .68  | .74  | .70  | .67  | .66 |
| 8.0  | .74                                                                        | .69  | .65  | .74  | .68  | .65  | .73  | .68  | .65  | .72  | .67  | .64  | .71  | .67  | .64  | .63 |
| 9.0  | .71                                                                        | .65  | .62  | .70  | .65  | .62  | .69  | .65  | .61  | .69  | .64  | .61  | .68  | .64  | .61  | .60 |
| 10.0 | .68                                                                        | .62  | .59  | .67  | .62  | .59  | .66  | .62  | .59  | .66  | .61  | .58  | .65  | .61  | .58  | .57 |



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:220.21V I:0.0862A P:8.5079W PF:0.4483 Freq:50.00Hz Lamp Flux:289.331x1 lm |  |  |                   |  |  |                     |  |  |
| NAME:                                                                            |  |  | TYPE:             |  |  | WEIGHT:             |  |  |
| SPEC.:                                                                           |  |  | DIM.: 100*55*85mm |  |  | 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             | .174                                                  | .099 | .031 | .167 | .095 | .030 | .154 | .089 | .028 | .143 | .082 | .026 | .132 | .077 | .025 |   |
| 2.0             | .164                                                  | .090 | .028 | .159 | .087 | .027 | .148 | .082 | .026 | .138 | .078 | .024 | .129 | .073 | .023 |   |
| 3.0             | .155                                                  | .082 | .025 | .150 | .080 | .024 | .141 | .076 | .023 | .133 | .073 | .022 | .125 | .069 | .021 |   |
| 4.0             | .146                                                  | .076 | .022 | .142 | .074 | .022 | .134 | .071 | .021 | .127 | .068 | .021 | .121 | .066 | .020 |   |
| 5.0             | .138                                                  | .070 | .020 | .135 | .069 | .020 | .128 | .067 | .020 | .122 | .064 | .019 | .116 | .062 | .019 |   |
| 6.0             | .131                                                  | .066 | .019 | .128 | .065 | .019 | .122 | .063 | .018 | .117 | .061 | .018 | .112 | .059 | .017 |   |
| 7.0             | .125                                                  | .062 | .017 | .122 | .061 | .017 | .117 | .059 | .017 | .112 | .058 | .017 | .108 | .056 | .016 |   |
| 8.0             | .119                                                  | .058 | .016 | .117 | .057 | .016 | .112 | .056 | .016 | .108 | .055 | .016 | .104 | .053 | .016 |   |
| 9.0             | .114                                                  | .055 | .015 | .112 | .054 | .015 | .108 | .053 | .015 | .104 | .052 | .015 | .100 | .051 | .015 |   |
| 10.0            | .109                                                  | .052 | .015 | .107 | .052 | .014 | .103 | .051 | .014 | .100 | .050 | .014 | .097 | .049 | .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 | .086 | .058 | .054 | .050 | .018 | .017 | .016 |   |
| 2.0             | .155                                                             | .133 | .113 | .133 | .114 | .098 | .091 | .079 | .068 | .053 | .046 | .040 | .017 | .015 | .013 |   |
| 3.0             | .142                                                             | .114 | .091 | .122 | .098 | .079 | .084 | .068 | .055 | .048 | .040 | .032 | .016 | .013 | .011 |   |
| 4.0             | .131                                                             | .099 | .074 | .113 | .085 | .064 | .078 | .059 | .045 | .045 | .035 | .027 | .014 | .011 | .009 |   |
| 5.0             | .122                                                             | .087 | .061 | .105 | .075 | .053 | .072 | .053 | .037 | .042 | .031 | .022 | .013 | .010 | .007 |   |
| 6.0             | .114                                                             | .077 | .051 | .098 | .067 | .044 | .068 | .047 | .031 | .039 | .028 | .019 | .013 | .009 | .006 |   |
| 7.0             | .107                                                             | .070 | .043 | .092 | .060 | .038 | .064 | .042 | .027 | .037 | .025 | .016 | .012 | .008 | .005 |   |
| 8.0             | .101                                                             | .063 | .037 | .087 | .055 | .032 | .060 | .039 | .023 | .035 | .023 | .014 | .011 | .007 | .005 |   |
| 9.0             | .096                                                             | .058 | .032 | .083 | .050 | .028 | .057 | .035 | .020 | .033 | .021 | .012 | .011 | .007 | .004 |   |
| 10.0            | .091                                                             | .054 | .028 | .079 | .047 | .025 | .055 | .033 | .018 | .032 | .019 | .010 | .010 | .006 | .003 |   |

**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:220.21V I:0.0862A P:8.5079W PF:0.4483 Freq:50.00Hz Lamp Flux:289.331x1 lm |                  |     |     |     |                   |                |     |                     |     |     |     |
| NAME:                                                                            |                  |     |     |     | TYPE:             |                |     | WEIGHT:             |     |     |     |
| SPEC.:                                                                           |                  |     |     |     | DIM.: 100*55*85mm |                |     | 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                                                                    | 4.3              | 5.2 | 4.5 | 5.3 | 5.5               | 6.0            | 6.9 | 6.2                 | 7.0 | 7.2 |     |
|                                                                                  | 3H               | 5.1 | 6.0 | 5.4 | 6.2               | 6.4            | 6.6 | 7.4                 | 6.9 | 7.6 | 7.8 |
|                                                                                  | 4H               | 5.6 | 6.3 | 5.8 | 6.5               | 6.8            | 7.0 | 7.7                 | 7.2 | 8.0 | 8.2 |
|                                                                                  | 6H               | 5.9 | 6.6 | 6.2 | 6.9               | 7.1            | 7.0 | 7.7                 | 7.3 | 7.9 | 8.2 |
|                                                                                  | 8H               | 6.1 | 6.8 | 6.4 | 7.0               | 7.3            | 6.9 | 7.6                 | 7.2 | 7.9 | 8.1 |
|                                                                                  | 12H              | 6.2 | 6.9 | 6.5 | 7.2               | 7.4            | 6.9 | 7.6                 | 7.2 | 7.8 | 8.1 |
| 4H                                                                               | 2H               | 4.6 | 5.4 | 4.9 | 5.6               | 5.8            | 6.1 | 6.8                 | 6.3 | 7.1 | 7.3 |
|                                                                                  | 3H               | 5.6 | 6.3 | 6.0 | 6.6               | 6.9            | 6.9 | 7.6                 | 7.3 | 7.9 | 8.2 |
|                                                                                  | 4H               | 6.2 | 6.8 | 6.5 | 7.1               | 7.4            | 7.4 | 8.0                 | 7.7 | 8.3 | 8.6 |
|                                                                                  | 6H               | 6.6 | 7.2 | 7.0 | 7.5               | 7.9            | 7.4 | 8.0                 | 7.8 | 8.3 | 8.7 |
|                                                                                  | 8H               | 6.9 | 7.4 | 7.3 | 7.7               | 8.1            | 7.4 | 7.9                 | 7.8 | 8.3 | 8.6 |
|                                                                                  | 12H              | 7.1 | 7.6 | 7.5 | 7.9               | 8.3            | 7.3 | 7.8                 | 7.8 | 8.2 | 8.6 |
| 8H                                                                               | 4H               | 6.4 | 6.9 | 6.8 | 7.3               | 7.6            | 7.5 | 8.0                 | 7.9 | 8.4 | 8.7 |
|                                                                                  | 6H               | 7.0 | 7.4 | 7.5 | 7.8               | 8.2            | 7.6 | 8.0                 | 8.0 | 8.4 | 8.8 |
|                                                                                  | 8H               | 7.3 | 7.7 | 7.8 | 8.1               | 8.6            | 7.5 | 7.9                 | 8.0 | 8.3 | 8.8 |
|                                                                                  | 12H              | 7.7 | 8.0 | 8.1 | 8.4               | 8.9            | 7.5 | 7.8                 | 7.9 | 8.2 | 8.7 |
| 12H                                                                              | 4H               | 6.4 | 6.8 | 6.8 | 7.2               | 7.6            | 7.5 | 8.0                 | 7.9 | 8.3 | 8.7 |
|                                                                                  | 6H               | 7.0 | 7.4 | 7.4 | 7.8               | 8.2            | 7.6 | 7.9                 | 8.0 | 8.4 | 8.8 |
|                                                                                  | 8H               | 7.3 | 7.7 | 7.8 | 8.1               | 8.6            | 7.5 | 7.8                 | 8.0 | 8.3 | 8.8 |
| Variations with the observer position at spacings:                               |                  |     |     |     |                   |                |     |                     |     |     |     |
| S = 1.0H                                                                         | + 0.7 / - 0.7    |     |     |     |                   | + 1.9 / - 1.7  |     |                     |     |     |     |
| 1.5H                                                                             | + 1.4 / - 0.6    |     |     |     |                   | + 3.8 / - 1.5  |     |                     |     |     |     |
| 2.0H                                                                             | + 0.3 / - 0.4    |     |     |     |                   | + 0.3 / - 0.6  |     |                     |     |     |     |

CIE Pub.117, 289.3 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -4.3)  
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:220.21V I:0.0862A P:8.5079W PF:0.4483 Freq:50.00Hz Lamp Flux:289.331x1 lm |                   |                     |
| NAME:                                                                            | TYPE:             | WEIGHT:             |
| SPEC.:                                                                           | DIM.: 100*55*85mm | SERIAL No.:01       |
| MFR.: NORDECOR                                                                   | SUR.:             | Shielding Angle:35° |

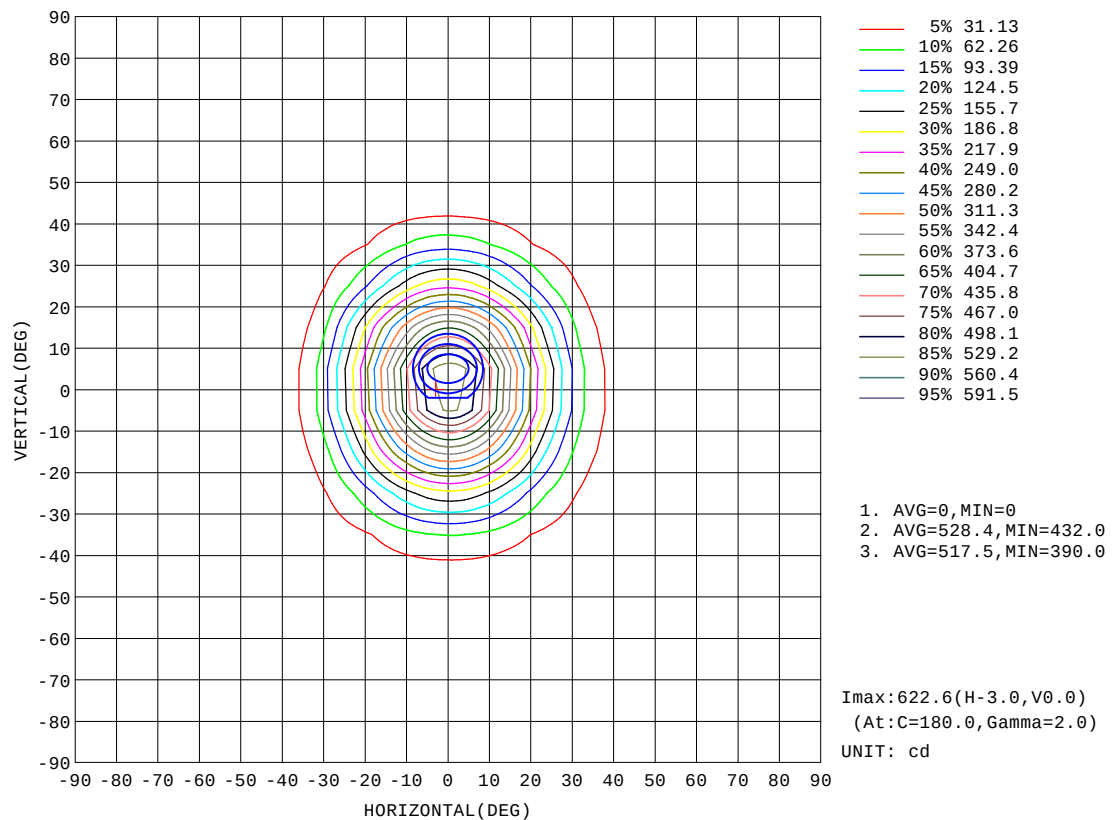
| REFLECTANCE                      |                                                     |     |           |     |     |     |     |               |     |        |
|----------------------------------|-----------------------------------------------------|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| 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                                                  | 80  | 76        | 86  | 80  | 76  | 85  | 80            | 76  | 72     |
| 0.80                             | 94                                                  | 88  | 84        | 93  | 88  | 84  | 92  | 87            | 84  | 80     |
| 1.00                             | 98                                                  | 93  | 89        | 98  | 92  | 89  | 96  | 92            | 88  | 84     |
| 1.25                             | 102                                                 | 97  | 93        | 101 | 97  | 93  | 99  | 95            | 92  | 88     |
| 1.50                             | 105                                                 | 100 | 97        | 104 | 100 | 96  | 102 | 98            | 95  | 91     |
| 2.00                             | 108                                                 | 104 | 100       | 107 | 103 | 100 | 104 | 101           | 98  | 93     |
| 2.50                             | 110                                                 | 106 | 103       | 108 | 105 | 102 | 105 | 102           | 100 | 94     |
| 3.00                             | 111                                                 | 108 | 105       | 110 | 106 | 104 | 106 | 104           | 102 | 95     |
| 4.00                             | 114                                                 | 111 | 108       | 111 | 109 | 107 | 108 | 106           | 104 | 97     |
| 5.00                             | 115                                                 | 112 | 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:2026-06-30

**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:220.21V I:0.0862A P:8.5079W PF:0.4483 Freq:50.00Hz Lamp Flux:289.331x1 lm |                   |                     |
| NAME:                                                                            | TYPE:             | WEIGHT:             |
| SPEC.:                                                                           | DIM.: 100*55*85mm | 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

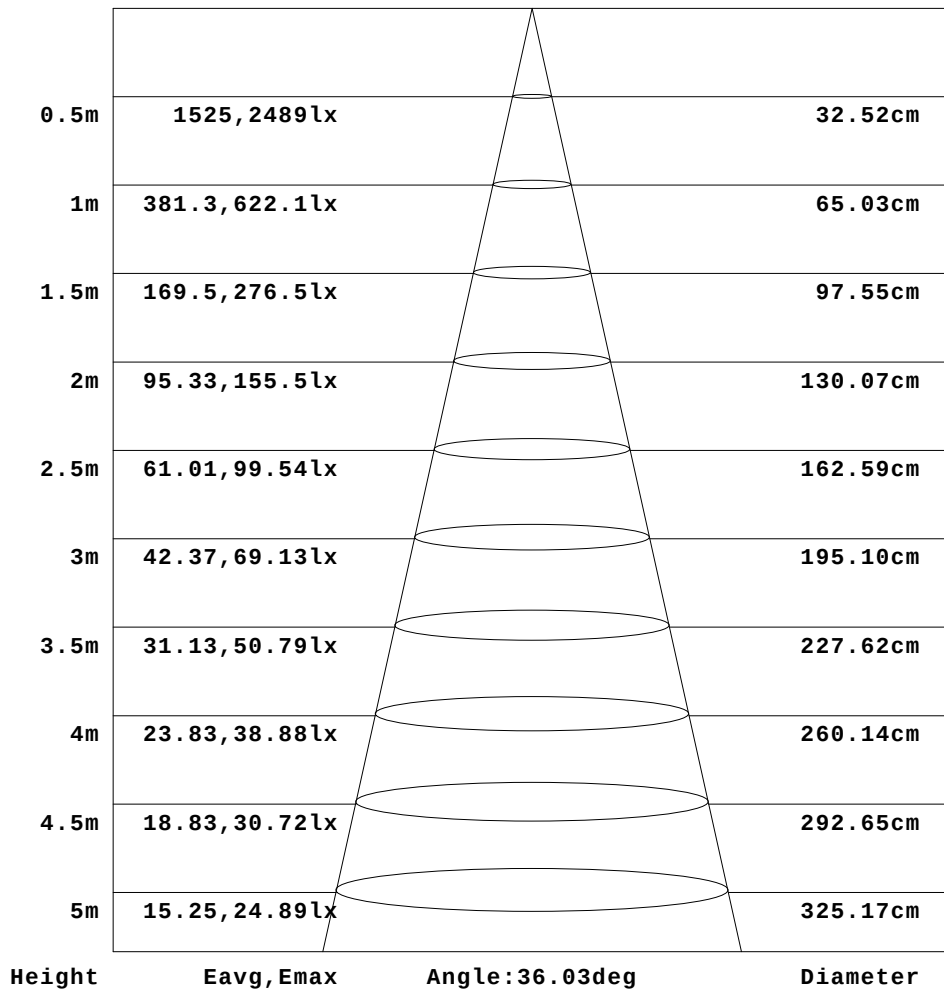
V(B) Range:-75 - 75DEG  
 V(B) Interval: 5.0DEG  
 Test System:EVERFINE G0-2000A\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:5.000m [K=1.0000]  
 Remarks:



## AAI Figure

|                                                                                  |                   |                     |
|----------------------------------------------------------------------------------|-------------------|---------------------|
| Test:U:220.21V I:0.0862A P:8.5079W PF:0.4483 Freq:50.00Hz Lamp Flux:289.331x1 lm |                   |                     |
| NAME:                                                                            | TYPE:             | WEIGHT:             |
| SPEC.:                                                                           | DIM.: 100*55*85mm | SERIAL No.:01       |
| MFR.: NORDECOR                                                                   | SUR.:             | Shielding Angle:35° |

Flux out:134.1 lm



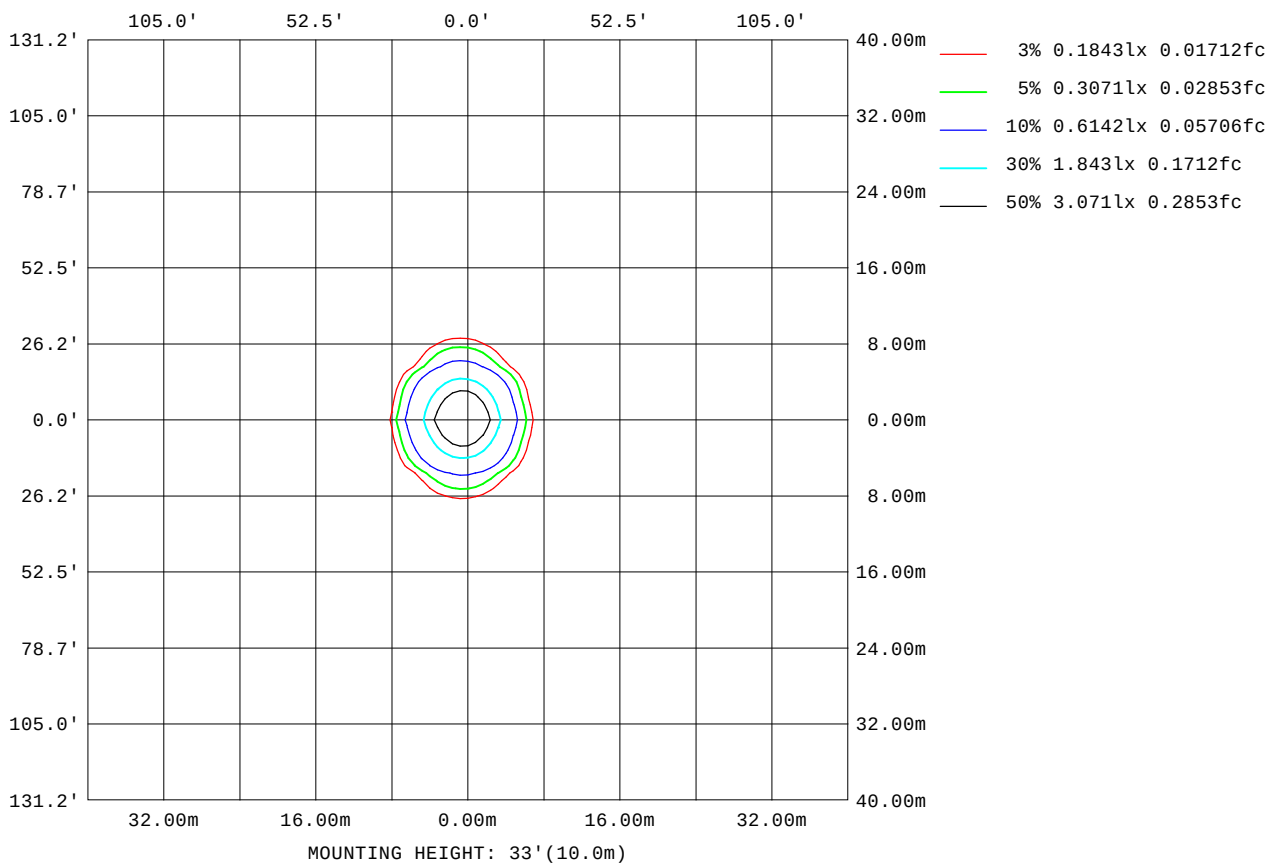
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:220.21V I:0.0862A P:8.5079W PF:0.4483 Freq:50.00Hz Lamp Flux:289.331x1 lm |                   |                     |
| NAME:                                                                            | TYPE:             | WEIGHT:             |
| SPEC.:                                                                           | DIM.: 100*55*85mm | 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:220.21V I:0.0862A P:8.5079W PF:0.4483 Freq:50.00Hz Lamp Flux:289.331x1 lm |                   |                     |
| NAME:                                                                            | TYPE:             | WEIGHT:             |
| SPEC.:                                                                           | DIM.: 100*55*85mm | SERIAL No.:01       |
| MFR.: NORDECOR                                                                   | SUR.:             | Shielding Angle:35° |

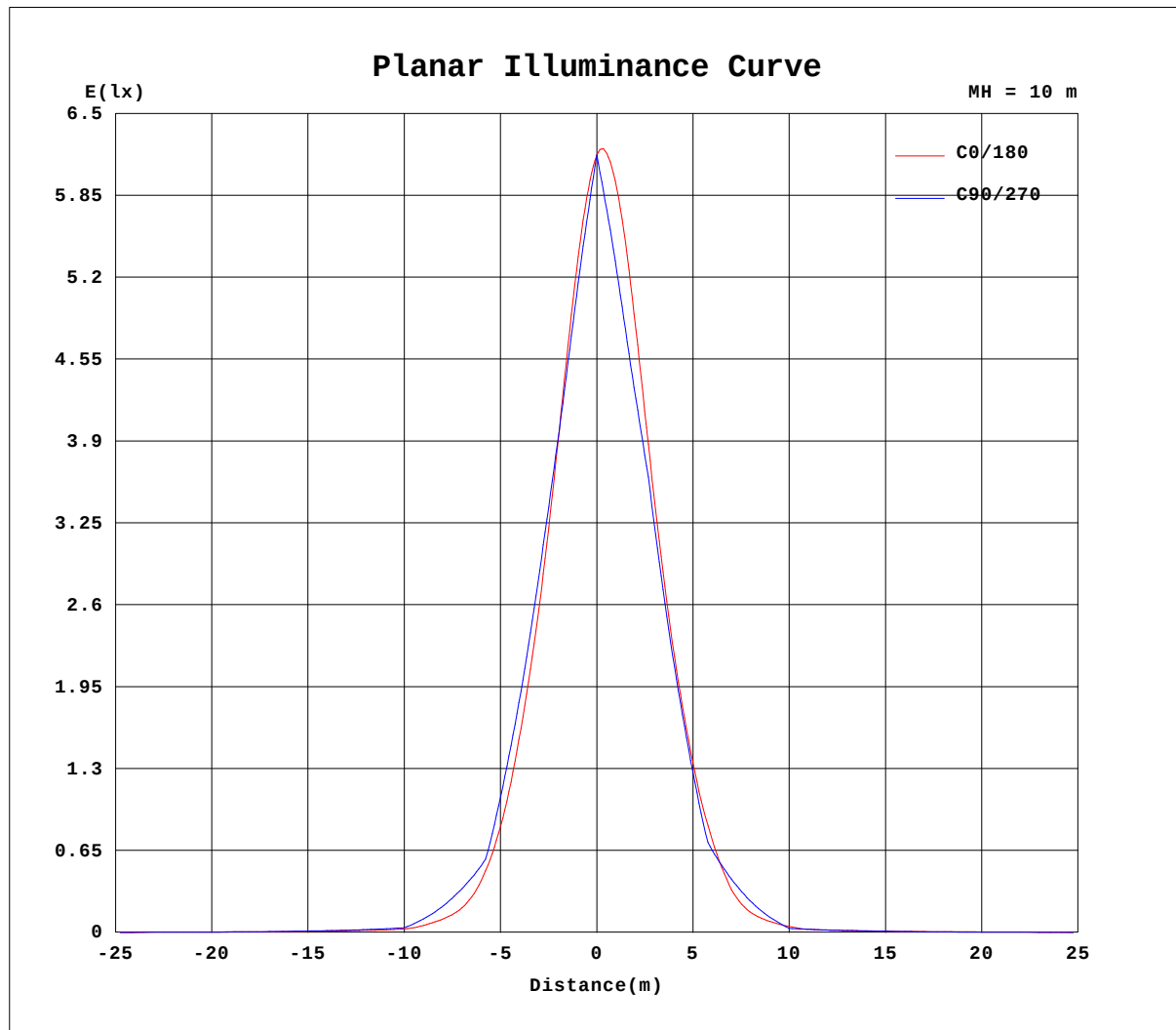
| AvgL           | cd/m2 |
|----------------|-------|
| L_0~180(65)av  | 109   |
| L_0~180(75)av  | 104   |
| L_0~180(85)av  | 120   |
| L_90~270(65)av | 104   |
| L_90~270(75)av | 97    |
| L_90~270(85)av | 0     |
| L_45(65)av     | 98    |
| L_45(75)av     | 95    |
| L_45(85)av     | 0     |

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:







