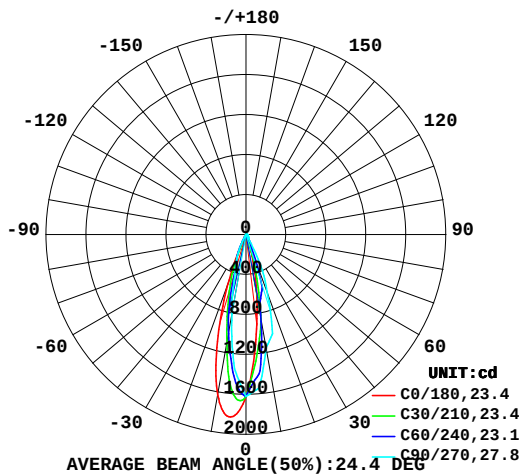


## LUMINAIRE PHOTOMETRIC TEST REPORT

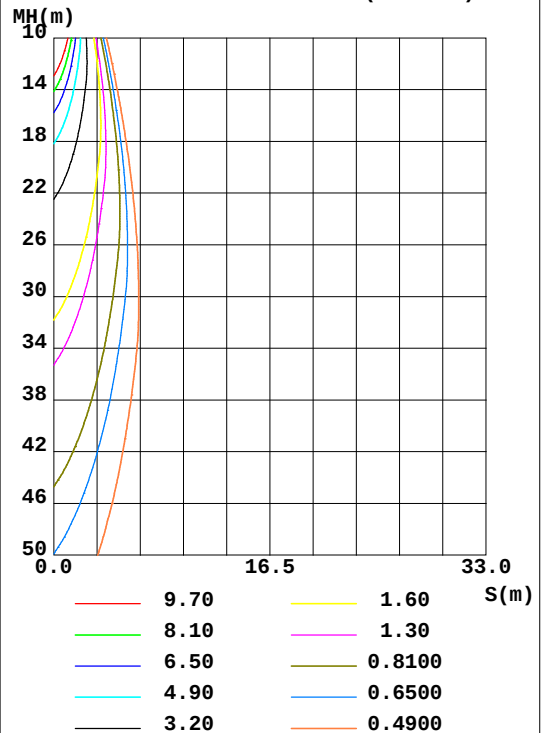
|                                                                                  |                   |                     |
|----------------------------------------------------------------------------------|-------------------|---------------------|
| Test:U:220.25V I:0.0737A P:7.1811W PF:0.4423 Freq:50.00Hz Lamp Flux:384.385x1 lm |                   |                     |
| NAME: 6454-7W-2700K                                                              | TYPE:室内           | WEIGHT:             |
| SPEC.:                                                                           | DIM.: 65*65*100mm | SERIAL No.:01       |
| MFR.: NORDECOR                                                                   | SUR.:             | Shielding Angle:24° |

| DATA OF LAMP     |         | PHOTOMETRIC DATA Eff: 53.53 lm/W |        |                    |          |
|------------------|---------|----------------------------------|--------|--------------------|----------|
| MODEL            |         | I <sub>max</sub> (cd)            | 1833   | S/MH(C0/180)       | 0.53     |
| NOMINAL POWER(W) | 7       | LOR(%)                           | 100.0  | S/MH(C90/270)      | 0.35     |
| RATED VOLTAGE(V) | 85-265V | TOTAL FLUX(lm)                   | 384.38 | h UP, DN(C0-180)   | 0.0,57.9 |
| NOMINAL FLUX(lm) | 384.385 | CIE CLASS                        | DIRECT | h UP, DN(C180-360) | 0.0,42.1 |
| 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     |

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:2026-08-15

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: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  | 639.0                 | 844.9  | 1152  | 1336   | 1631   | 1072   | 818.4 | 740.5  | 0- 10   | 122.3   | 122.3   | 31.8, 31.8 |
| 20  | 92.71                 | 232.1  | 627.5 | 465.3  | 533.4  | 219.5  | 283.0 | 172.6  | 10- 20  | 171.8   | 294.1   | 76.5, 76.5 |
| 30  | 9.702                 | 29.14  | 46.76 | 103.6  | 35.08  | 37.31  | 13.70 | 15.52  | 20- 30  | 68.67   | 362.7   | 94.4, 94.4 |
| 40  | 4.994                 | 6.886  | 24.63 | 13.59  | 11.24  | 5.292  | 6.587 | 3.015  | 30- 40  | 10.58   | 373.3   | 97.1, 97.1 |
| 50  | 3.381                 | 4.020  | 9.949 | 7.814  | 7.106  | 2.651  | 2.479 | 1.832  | 40- 50  | 5.318   | 378.6   | 98.5, 98.5 |
| 60  | 1.487                 | 1.741  | 2.729 | 2.962  | 2.373  | 1.460  | 1.378 | 1.108  | 50- 60  | 2.888   | 381.5   | 99.3, 99.3 |
| 70  | 1.223                 | 1.212  | 1.844 | 1.687  | 1.652  | 1.176  | 1.154 | 1.004  | 60- 70  | 1.468   | 383.0   | 99.6, 99.6 |
| 80  | 1.133                 | 0.7970 | 0     | 0.9665 | 1.183  | 0.8104 | 0     | 0.7516 | 70- 80  | 1.113   | 384.1   | 99.9, 99.9 |
| 90  | 0.9832                | 0      | 0     | 0      | 0.9963 | 0      | 0     | 0      | 80- 90  | 0.2806  | 384.4   | 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): 376.3 lm

%lum = 97.9%

%lamp = 97.9%

Conical surface Flux(120deg): 381.52 lm

%lum = 99.3%

%lamp = 99.3%

H<sub>(b)</sub> Range:-90 - 90DEG  
 H<sub>(b)</sub> Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2026-08-15

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:7.300m [K=1.0000]  
 Remarks:

## LUMINANCE LIMITATION CURVES

|                                                                                  |                   |                     |
|----------------------------------------------------------------------------------|-------------------|---------------------|
| Test:U:220.25V I:0.0737A P:7.1811W PF:0.4423 Freq:50.00Hz Lamp Flux:384.385x1 lm |                   |                     |
| NAME: 6454-7W-2700K                                                              | TYPE:室内           | WEIGHT:             |
| SPEC.:                                                                           | DIM.: 65*65*100mm | SERIAL No.:01       |
| MFR.: NORDECOR                                                                   | SUR.:             | Shielding Angle:24° |



| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G(DEG)            | C0/180 | C90/270 |
| 85                | 125    | 0       |
| 80                | 65     | 0       |
| 75                | 46     | 56      |
| 70                | 36     | 54      |
| 65                | 31     | 56      |
| 60                | 30     | 55      |
| 55                | 37     | 115     |
| 50                | 53     | 155     |
| 45                | 64     | 200     |

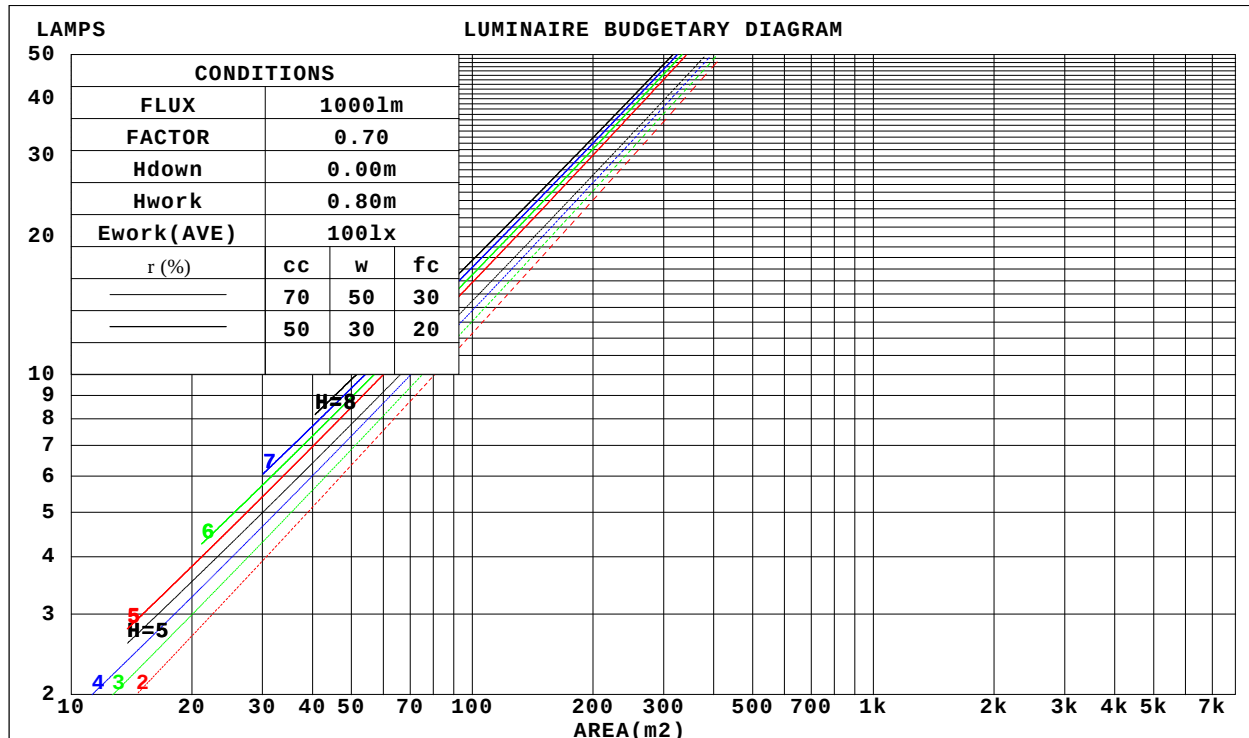
H<sub>(b)</sub> Range: -90 - 90DEG  
H<sub>(b)</sub> Interval: 1.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2026-08-15

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: 7.300m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

|                                                                                  |                   |                     |
|----------------------------------------------------------------------------------|-------------------|---------------------|
| Test:U:220.25V I:0.0737A P:7.1811W PF:0.4423 Freq:50.00Hz Lamp Flux:384.385x1 lm |                   |                     |
| NAME: 6454-7W-2700K                                                              | TYPE:室内           | WEIGHT:             |
| SPEC.:                                                                           | DIM.: 65*65*100mm | SERIAL No.:01       |
| MFR.: NORDECOR                                                                   | SUR.:             | Shielding Angle:24° |

| r CC | 80%                                                                        |      |      | 70%  |      |      | 50%  |      |      | 30%  |      |      | 10%  |      |      | 0    |
|------|----------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| r W  | 50%                                                                        | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0    |
| r fc | 20%                                                                        |      |      | 20%  |      |      | 20%  |      |      | 20%  |      |      | 20%  |      |      | 0    |
| RCR  | RCR:Room Cavity Ratio                      Coefficients of Utilization(CU) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 0.0  | 1.19                                                                       | 1.19 | 1.19 | 1.16 | 1.16 | 1.16 | 1.11 | 1.11 | 1.11 | 1.06 | 1.06 | 1.06 | 1.02 | 1.02 | 1.02 | 1.00 |
| 1.0  | 1.13                                                                       | 1.11 | 1.09 | 1.10 | 1.09 | 1.07 | 1.06 | 1.05 | 1.04 | 1.03 | 1.02 | 1.01 | .99  | .99  | .98  | .96  |
| 2.0  | 1.07                                                                       | 1.04 | 1.01 | 1.05 | 1.03 | 1.00 | 1.02 | .99  | .98  | .99  | .97  | .96  | .97  | .95  | .94  | .92  |
| 3.0  | 1.02                                                                       | .98  | .95  | 1.01 | .97  | .95  | .98  | .96  | .93  | .96  | .94  | .92  | .94  | .92  | .90  | .89  |
| 4.0  | .98                                                                        | .94  | .91  | .97  | .93  | .90  | .95  | .92  | .89  | .93  | .90  | .88  | .91  | .89  | .87  | .86  |
| 5.0  | .94                                                                        | .90  | .87  | .93  | .89  | .86  | .92  | .88  | .86  | .90  | .87  | .85  | .89  | .86  | .84  | .83  |
| 6.0  | .91                                                                        | .86  | .83  | .90  | .86  | .83  | .89  | .85  | .82  | .87  | .84  | .82  | .86  | .83  | .81  | .80  |
| 7.0  | .88                                                                        | .83  | .80  | .87  | .83  | .80  | .86  | .82  | .80  | .85  | .82  | .79  | .84  | .81  | .79  | .78  |
| 8.0  | .85                                                                        | .80  | .77  | .84  | .80  | .77  | .83  | .80  | .77  | .82  | .79  | .77  | .82  | .79  | .76  | .75  |
| 9.0  | .82                                                                        | .78  | .75  | .82  | .78  | .75  | .81  | .77  | .75  | .80  | .77  | .74  | .79  | .76  | .74  | .73  |
| 10.0 | .80                                                                        | .75  | .73  | .79  | .75  | .73  | .79  | .75  | .72  | .78  | .75  | .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: 2026-08-15

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: 7.300m [K=1.0000]  
Remarks:

**WEC AND CCEC**

|                                                                                  |                   |                     |
|----------------------------------------------------------------------------------|-------------------|---------------------|
| Test:U:220.25V I:0.0737A P:7.1811W PF:0.4423 Freq:50.00Hz Lamp Flux:384.385x1 lm |                   |                     |
| NAME: 6454-7W-2700K                                                              | TYPE:室内           | WEIGHT:             |
| SPEC.:                                                                           | DIM.: 65*65*100mm | SERIAL No.:01       |
| MFR.: NORDECOR                                                                   | SUR.:             | Shielding Angle:24° |

| r c c | 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 f c | 20%                                                       |      |      | 20%  |      |      | 20%  |      |      | 20%  |      |      | 20%  |      |      | 0 |
| R C R | R C R:Room Cavity Ratio Wall Exitance Coefficients(W E C) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |   |
| 0.0   |                                                           |      |      |      |      |      |      |      |      |      |      |      |      |      |      |   |
| 1.0   | .143                                                      | .081 | .026 | .137 | .078 | .025 | .124 | .071 | .023 | .113 | .065 | .021 | .102 | .059 | .019 |   |
| 2.0   | .133                                                      | .073 | .022 | .127 | .070 | .022 | .117 | .065 | .020 | .108 | .060 | .019 | .099 | .056 | .018 |   |
| 3.0   | .124                                                      | .066 | .020 | .119 | .064 | .019 | .111 | .060 | .018 | .103 | .056 | .017 | .095 | .053 | .016 |   |
| 4.0   | .116                                                      | .060 | .018 | .112 | .059 | .017 | .105 | .056 | .017 | .098 | .053 | .016 | .092 | .050 | .015 |   |
| 5.0   | .109                                                      | .056 | .016 | .106 | .054 | .016 | .100 | .052 | .015 | .094 | .050 | .015 | .089 | .047 | .014 |   |
| 6.0   | .103                                                      | .052 | .015 | .101 | .051 | .015 | .095 | .049 | .014 | .090 | .047 | .014 | .086 | .045 | .013 |   |
| 7.0   | .098                                                      | .049 | .014 | .096 | .048 | .014 | .091 | .046 | .013 | .087 | .045 | .013 | .083 | .043 | .013 |   |
| 8.0   | .094                                                      | .046 | .013 | .092 | .045 | .013 | .087 | .044 | .012 | .084 | .042 | .012 | .080 | .041 | .012 |   |
| 9.0   | .090                                                      | .043 | .012 | .088 | .043 | .012 | .084 | .042 | .012 | .081 | .040 | .012 | .077 | .039 | .011 |   |
| 10.0  | .086                                                      | .041 | .011 | .084 | .041 | .011 | .081 | .040 | .011 | .078 | .039 | .011 | .075 | .038 | .011 |   |

| r c c | 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 f c | 20%                                                              |      |      | 20%  |      |      | 20%  |      |      | 20%  |      |      | 20%  |      |      | 0 |
| RCR   | RCR:Room Cavity Ratio Ceiling Cavity Exitance Coefficients(CCEC) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |   |
| 0.0   | .190                                                             | .190 | .190 | .163 | .163 | .163 | .111 | .111 | .111 | .064 | .064 | .064 | .020 | .020 | .020 |   |
| 1.0   | .169                                                             | .158 | .148 | .144 | .135 | .127 | .099 | .093 | .088 | .057 | .054 | .051 | .018 | .017 | .017 |   |
| 2.0   | .151                                                             | .133 | .117 | .129 | .114 | .101 | .089 | .079 | .071 | .051 | .046 | .041 | .016 | .015 | .014 |   |
| 3.0   | .136                                                             | .113 | .095 | .117 | .098 | .082 | .080 | .068 | .058 | .046 | .040 | .034 | .015 | .013 | .011 |   |
| 4.0   | .124                                                             | .098 | .078 | .106 | .085 | .068 | .073 | .059 | .048 | .042 | .035 | .028 | .014 | .011 | .009 |   |
| 5.0   | .114                                                             | .086 | .065 | .098 | .074 | .057 | .067 | .052 | .040 | .039 | .030 | .024 | .013 | .010 | .008 |   |
| 6.0   | .105                                                             | .076 | .055 | .090 | .066 | .048 | .062 | .046 | .034 | .036 | .027 | .020 | .012 | .009 | .007 |   |
| 7.0   | .097                                                             | .068 | .047 | .084 | .059 | .041 | .058 | .041 | .029 | .034 | .024 | .017 | .011 | .008 | .006 |   |
| 8.0   | .091                                                             | .061 | .040 | .078 | .053 | .035 | .054 | .037 | .025 | .032 | .022 | .015 | .010 | .007 | .005 |   |
| 9.0   | .085                                                             | .055 | .035 | .074 | .048 | .031 | .051 | .034 | .022 | .030 | .020 | .013 | .010 | .007 | .004 |   |
| 10.0  | .081                                                             | .051 | .031 | .069 | .044 | .027 | .048 | .031 | .019 | .028 | .018 | .011 | .009 | .006 | .004 |   |

**H<sub>(b)</sub> Range:** -90 - 90DEG  
**H<sub>(b)</sub> Interval:** 1.0DEG  
**Test Speed:** HIGH  
**Temperature:** 25.3DEG  
**Operators:**  
**Test Date:** 2026-08-15

**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:** 7.300m [K=1.0000]  
**Remarks:**

**UGR(Unified Glare Rating) Table**

|                                                                                  |                  |      |      |      |                   |                |      |                     |     |     |     |
|----------------------------------------------------------------------------------|------------------|------|------|------|-------------------|----------------|------|---------------------|-----|-----|-----|
| Test:U:220.25V I:0.0737A P:7.1811W PF:0.4423 Freq:50.00Hz Lamp Flux:384.385x1 lm |                  |      |      |      |                   |                |      |                     |     |     |     |
| NAME: 6454-7W-2700K                                                              |                  |      |      |      | TYPE:室内           |                |      | WEIGHT:             |     |     |     |
| SPEC.:                                                                           |                  |      |      |      | DIM.: 65*65*100mm |                |      | SERIAL No.:01       |     |     |     |
| MFR.: NORDECOR                                                                   |                  |      |      |      | SUR.:             |                |      | Shielding Angle:24° |     |     |     |
| ceiling/cavity                                                                   | 0.7              | 0.7  | 0.5  | 0.5  | 0.3               | 0.7            | 0.7  | 0.5                 | 0.5 | 0.3 |     |
| walls                                                                            | 0.5              | 0.3  | 0.5  | 0.3  | 0.3               | 0.5            | 0.3  | 0.5                 | 0.3 | 0.3 |     |
| working plane                                                                    | 0.2              | 0.2  | 0.2  | 0.2  | 0.2               | 0.2            | 0.2  | 0.2                 | 0.2 | 0.2 |     |
| Room dimensions                                                                  | Viewed crosswise |      |      |      |                   | Viewed endwise |      |                     |     |     |     |
| x = 2H y = 2H                                                                    | 2H               | -5.4 | -4.7 | -5.2 | -4.5              | -4.4           | -0.1 | 0.6                 | 0.2 | 0.8 | 0.9 |
|                                                                                  | 3H               | -4.5 | -3.9 | -4.3 | -3.7              | -3.5           | 0.4  | 1.0                 | 0.6 | 1.2 | 1.4 |
|                                                                                  | 4H               | -3.9 | -3.3 | -3.6 | -3.0              | -2.8           | 0.7  | 1.3                 | 0.9 | 1.5 | 1.7 |
|                                                                                  | 6H               | -2.9 | -2.3 | -2.6 | -2.1              | -1.8           | 0.7  | 1.2                 | 1.0 | 1.5 | 1.7 |
|                                                                                  | 8H               | -2.2 | -1.7 | -1.9 | -1.4              | -1.2           | 0.6  | 1.2                 | 0.9 | 1.4 | 1.7 |
|                                                                                  | 12H              | -1.3 | -0.8 | -1.0 | -0.5              | -0.3           | 0.6  | 1.1                 | 0.9 | 1.4 | 1.6 |
| 4H                                                                               | 2H               | -4.9 | -4.3 | -4.6 | -4.1              | -3.9           | -0.1 | 0.5                 | 0.1 | 0.7 | 0.9 |
|                                                                                  | 3H               | -3.9 | -3.4 | -3.6 | -3.1              | -2.8           | 0.4  | 0.9                 | 0.7 | 1.2 | 1.5 |
|                                                                                  | 4H               | -3.1 | -2.6 | -2.8 | -2.3              | -2.0           | 0.8  | 1.3                 | 1.2 | 1.6 | 1.9 |
|                                                                                  | 6H               | -1.9 | -1.5 | -1.6 | -1.2              | -0.8           | 0.9  | 1.3                 | 1.3 | 1.7 | 2.0 |
|                                                                                  | 8H               | -1.2 | -0.8 | -0.8 | -0.4              | -0.1           | 0.8  | 1.2                 | 1.2 | 1.6 | 2.0 |
|                                                                                  | 12H              | -0.2 | 0.2  | 0.2  | 0.6               | 0.9            | 0.8  | 1.2                 | 1.2 | 1.5 | 1.9 |
| 8H                                                                               | 4H               | -2.6 | -2.2 | -2.2 | -1.9              | -1.5           | 0.9  | 1.3                 | 1.3 | 1.7 | 2.0 |
|                                                                                  | 6H               | -1.2 | -0.9 | -0.8 | -0.5              | -0.1           | 1.0  | 1.3                 | 1.4 | 1.7 | 2.1 |
|                                                                                  | 8H               | -0.3 | 0.0  | 0.2  | 0.4               | 0.9            | 0.9  | 1.2                 | 1.4 | 1.6 | 2.1 |
|                                                                                  | 12H              | 0.9  | 1.1  | 1.4  | 1.6               | 2.1            | 0.9  | 1.1                 | 1.3 | 1.6 | 2.0 |
| 12H                                                                              | 4H               | -2.6 | -2.3 | -2.2 | -1.9              | -1.5           | 0.9  | 1.3                 | 1.3 | 1.6 | 2.0 |
|                                                                                  | 6H               | -1.2 | -0.9 | -0.8 | -0.5              | -0.1           | 1.0  | 1.3                 | 1.4 | 1.7 | 2.1 |
|                                                                                  | 8H               | -0.3 | -0.0 | 0.2  | 0.4               | 0.9            | 0.9  | 1.2                 | 1.4 | 1.6 | 2.1 |
| Variations with the observer position at spacings:                               |                  |      |      |      |                   |                |      |                     |     |     |     |
| S = 1.0H                                                                         | + 0.4 / - 0.5    |      |      |      |                   | + 2.9 / - 1.3  |      |                     |     |     |     |
| 1.5H                                                                             | + 0.3 / - 0.3    |      |      |      |                   | + 4.2 / - 2.4  |      |                     |     |     |     |
| 2.0H                                                                             | + 0.9 / - 0.9    |      |      |      |                   | + 3.4 / - 2.7  |      |                     |     |     |     |

CIE Pub.117, 384.4 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -3.3)  
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: 2026-08-15

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: 7.300m [K=1.0000]  
Remarks:

### UTILIZATION FACTORS TABLE

|                                                                                  |                   |                     |
|----------------------------------------------------------------------------------|-------------------|---------------------|
| Test:U:220.25V I:0.0737A P:7.1811W PF:0.4423 Freq:50.00Hz Lamp Flux:384.385x1 lm |                   |                     |
| NAME: 6454-7W-2700K                                                              | TYPE:室内           | WEIGHT:             |
| SPEC.:                                                                           | DIM.: 65*65*100mm | SERIAL No.:01       |
| MFR.: NORDECOR                                                                   | SUR.:             | Shielding Angle:24° |

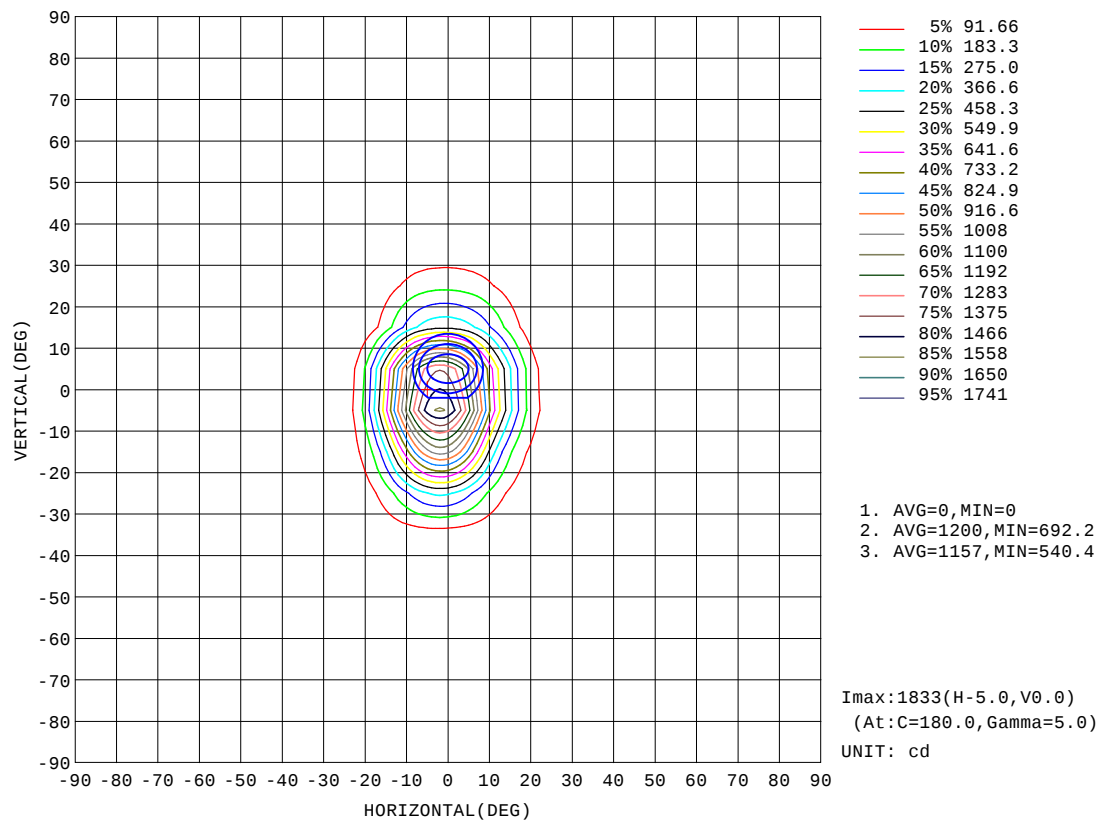
| REFLECTANCE                      |                                                     |     |           |     |     |     |     |               |     |        |
|----------------------------------|-----------------------------------------------------|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling                          | 0.8                                                 | 0.8 | 0.8       | 0.7 | 0.7 | 0.7 | 0.5 | 0.5           | 0.5 | 0      |
| Walls                            | 0.7                                                 | 0.5 | 0.3       | 0.7 | 0.5 | 0.3 | 0.7 | 0.5           | 0.3 | 0      |
| Working plane                    | 0.2                                                 | 0.2 | 0.2       | 0.2 | 0.2 | 0.2 | 0.2 | 0.2           | 0.2 | 0      |
| ROOM INDEX                       | UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |               |     |        |
| k = 0.60                         | 90                                                  | 84  | 80        | 89  | 84  | 80  | 89  | 83            | 80  | 77     |
| 0.80                             | 97                                                  | 91  | 88        | 96  | 91  | 88  | 95  | 91            | 87  | 84     |
| 1.00                             | 101                                                 | 96  | 92        | 100 | 95  | 92  | 98  | 95            | 91  | 88     |
| 1.25                             | 104                                                 | 100 | 96        | 103 | 99  | 96  | 102 | 98            | 95  | 91     |
| 1.50                             | 107                                                 | 103 | 99        | 106 | 102 | 99  | 104 | 100           | 98  | 94     |
| 2.00                             | 109                                                 | 105 | 102       | 108 | 104 | 102 | 105 | 102           | 100 | 95     |
| 2.50                             | 111                                                 | 107 | 104       | 109 | 106 | 104 | 106 | 104           | 102 | 96     |
| 3.00                             | 112                                                 | 109 | 107       | 111 | 108 | 105 | 107 | 105           | 103 | 97     |
| 4.00                             | 114                                                 | 112 | 110       | 112 | 110 | 108 | 109 | 107           | 105 | 99     |
| 5.00                             | 115                                                 | 113 | 112       | 113 | 112 | 110 | 109 | 108           | 107 | 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:2026-08-15**

**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:7.300m [K=1.0000]**  
**Remarks:**

## ISOCANDELA DIAGRAM

|                                                                                  |                   |                     |
|----------------------------------------------------------------------------------|-------------------|---------------------|
| Test:U:220.25V I:0.0737A P:7.1811W PF:0.4423 Freq:50.00Hz Lamp Flux:384.385x1 lm |                   |                     |
| NAME: 6454-7W-2700K                                                              | TYPE:室内           | WEIGHT:             |
| SPEC.:                                                                           | DIM.: 65*65*100mm | SERIAL No.:01       |
| MFR.: NORDECOR                                                                   | SUR.:             | Shielding Angle:24° |



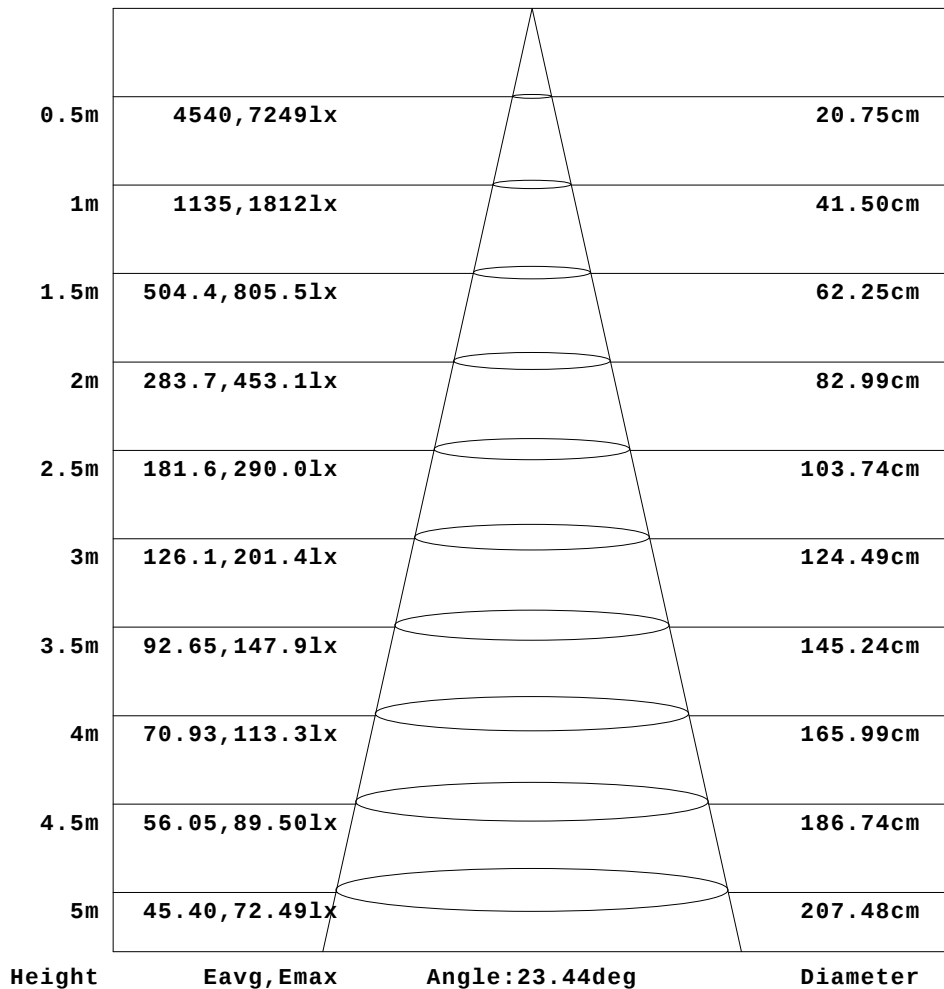
H<sub>(b)</sub> Range: -90 - 90DEG  
H<sub>(b)</sub> Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2026-08-15

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:7.300m [K=1.0000]  
Remarks:

## AAI Figure

|                                                                                  |                   |                     |
|----------------------------------------------------------------------------------|-------------------|---------------------|
| Test:U:220.25V I:0.0737A P:7.1811W PF:0.4423 Freq:50.00Hz Lamp Flux:384.385x1 lm |                   |                     |
| NAME: 6454-7W-2700K                                                              | TYPE:室内           | WEIGHT:             |
| SPEC.:                                                                           | DIM.: 65*65*100mm | SERIAL No.:01       |
| MFR.: NORDECOR                                                                   | SUR.:             | Shielding Angle:24° |

Flux out:161.1 lm



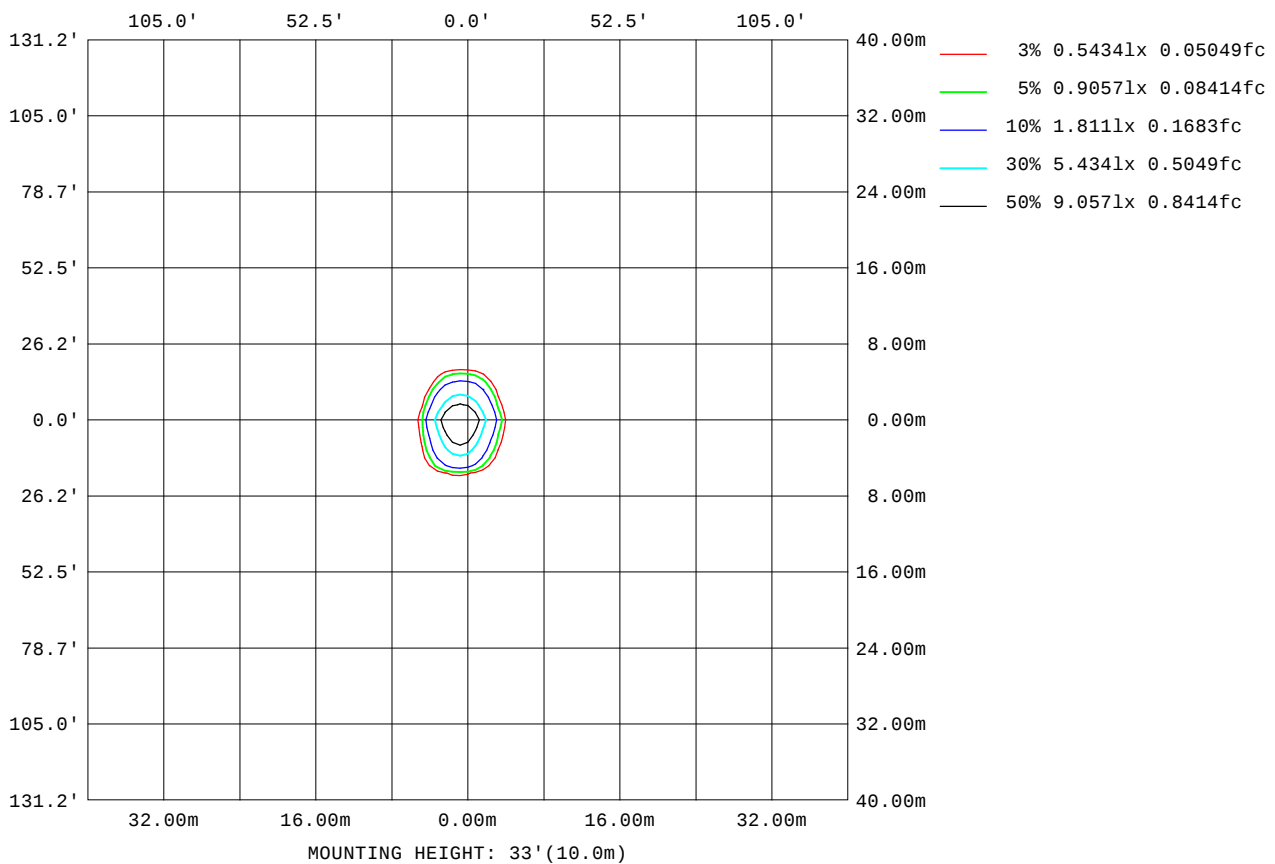
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H<sub>(b)</sub> Range:-90 - 90DEG  
H<sub>(b)</sub> Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2026-08-15

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:7.300m [K=1.0000]  
Remarks:

## ISOLUX DIAGRAM

|                                                                                  |                   |                     |
|----------------------------------------------------------------------------------|-------------------|---------------------|
| Test:U:220.25V I:0.0737A P:7.1811W PF:0.4423 Freq:50.00Hz Lamp Flux:384.385x1 lm |                   |                     |
| NAME: 6454-7W-2700K                                                              | TYPE:室内           | WEIGHT:             |
| SPEC.:                                                                           | DIM.: 65*65*100mm | SERIAL No.:01       |
| MFR.: NORDECOR                                                                   | SUR.:             | Shielding Angle:24° |



H<sub>(b)</sub> Range: -90 - 90DEG  
H<sub>(b)</sub> Interval: 1.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2026-08-15

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: 7.300m [K=1.0000]  
Remarks:

## LED Avg.L Report

|                                                                                  |                   |                     |
|----------------------------------------------------------------------------------|-------------------|---------------------|
| Test:U:220.25V I:0.0737A P:7.1811W PF:0.4423 Freq:50.00Hz Lamp Flux:384.385x1 lm |                   |                     |
| NAME: 6454-7W-2700K                                                              | TYPE:室内           | WEIGHT:             |
| SPEC.:                                                                           | DIM.: 65*65*100mm | SERIAL No.:01       |
| MFR.: NORDECOR                                                                   | SUR.:             | Shielding Angle:24° |

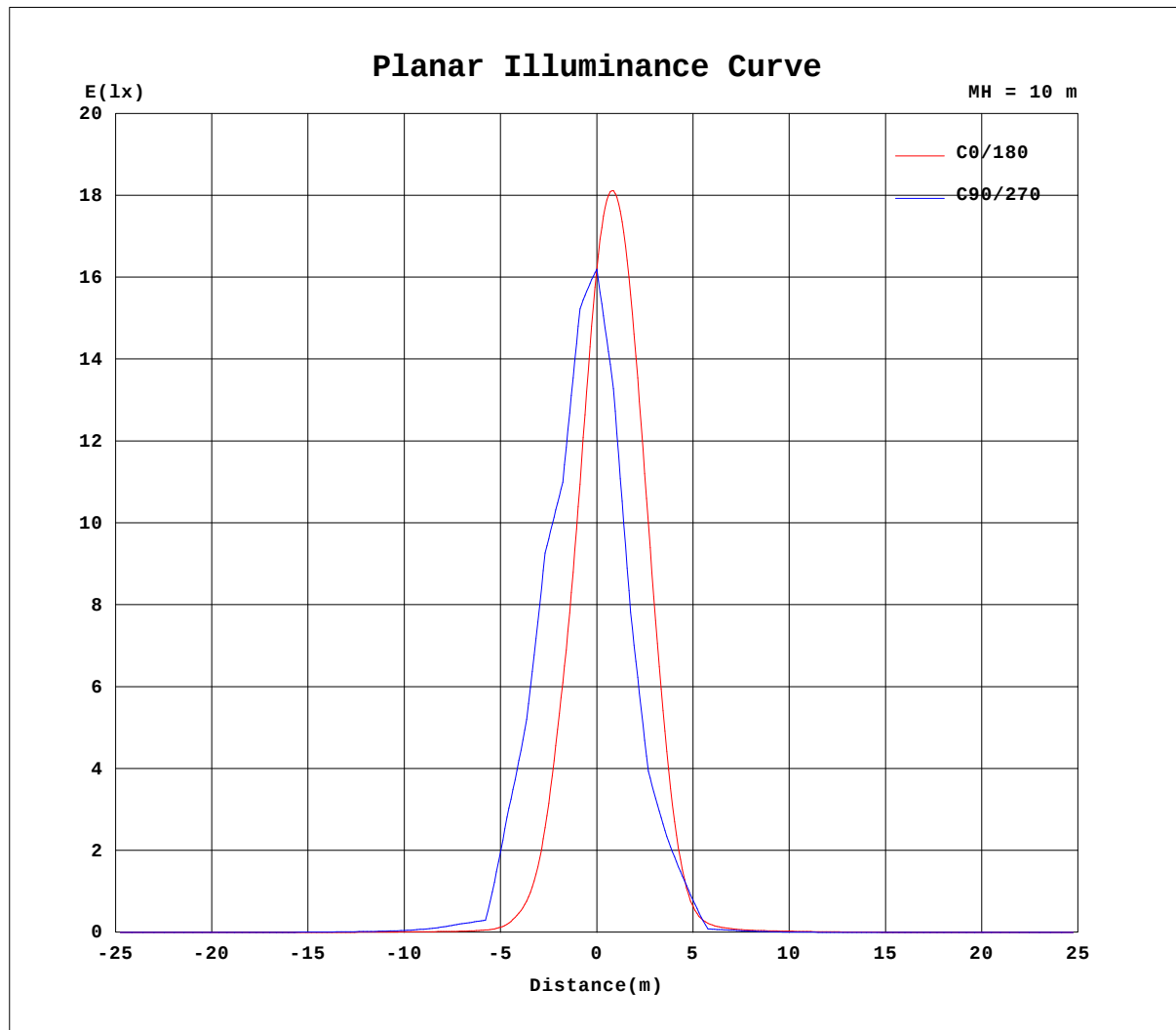
| AvgL           | cd/m2 |
|----------------|-------|
| L_0~180(65)av  | 38    |
| L_0~180(75)av  | 49    |
| L_0~180(85)av  | 123   |
| L_90~270(65)av | 43    |
| L_90~270(75)av | 48    |
| L_90~270(85)av | 0     |
| L_45(65)av     | 34    |
| L_45(75)av     | 44    |
| L_45(85)av     | 0     |

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:2026-08-15

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: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: 2026-08-15

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: 7.300m [K=1.0000]  
Remarks:





## LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                                  |                   |                     |
|----------------------------------------------------------------------------------|-------------------|---------------------|
| Test:U:220.25V I:0.0737A P:7.1811W PF:0.4423 Freq:50.00Hz Lamp Flux:384.385x1 lm |                   |                     |
| NAME: 6454-7W-2700K                                                              | TYPE:室内           | WEIGHT:             |
| SPEC.:                                                                           | DIM.: 65*65*100mm | SERIAL No.:01       |
| MFR.: NORDECOR                                                                   | SUR.:             | Shielding Angle:24° |

**Table- -3**

UNIT: cd

[illegible]

H(<sub>b</sub>) Range:-90 - 90DEG  
H(<sub>b</sub>) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2026-08-15

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:7.300m [K=1.0000]  
Remarks:

