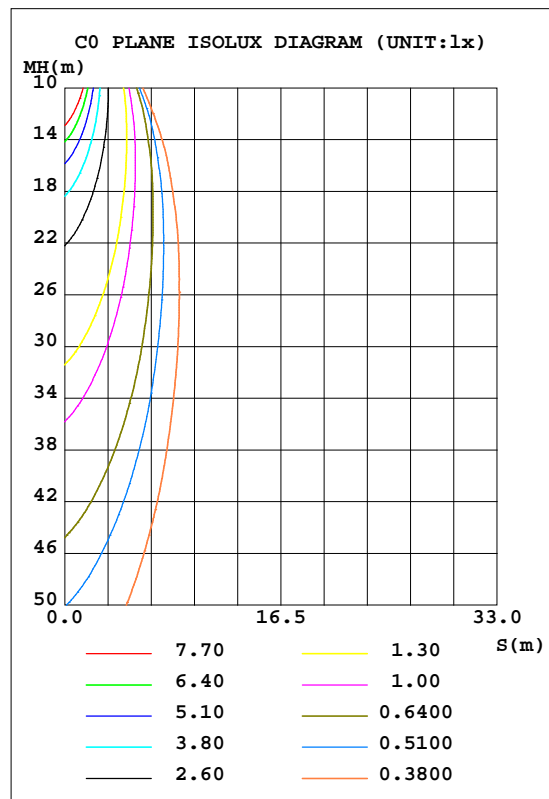
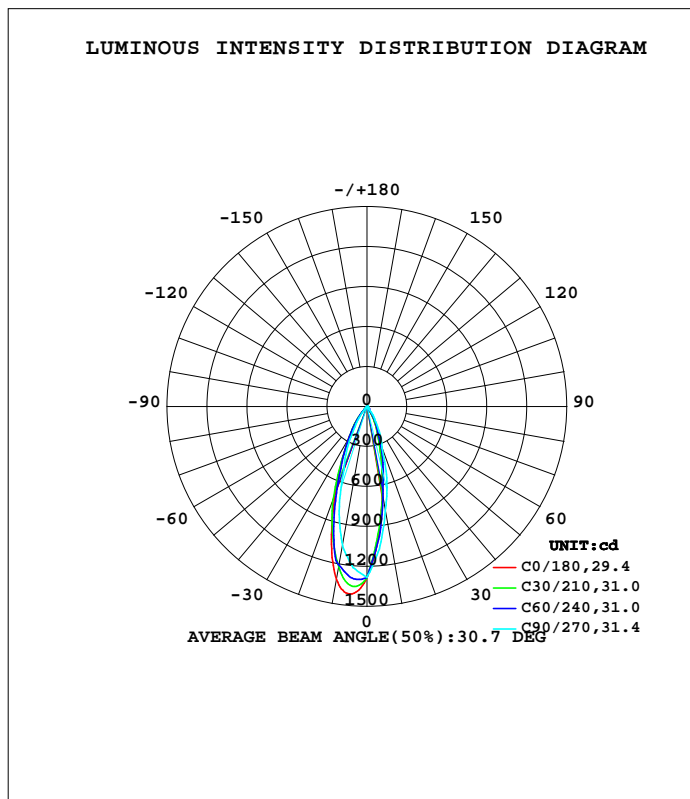


LUMINAIRE PHOTOMETRIC TEST REPORT

|  |                         |                     |
|--|-------------------------|---------------------|
| Test:U:220.28V I:0.0872A P:8.8132W PF:0.4588 Freq:50.00Hz Lamp Flux:494.78lx1 lm |                         |                     |
| NAME: 6510   | TYPE:                   | WEIGHT:0.24KG       |
| SPEC.:10W  | DIM.: $\phi$ 8.5*H8.5CM | SERIAL No.:01       |
| MFR.: NORDECOR   | SUR.:                   | Shielding Angle:24° |

| DATA OF LAMP     |         | PHOTOMETRIC DATA Eff: 56.14 lm/W |        |                    |          |
|------------------|---------|----------------------------------|--------|--------------------|----------|
| MODEL            |         | I <sub>max</sub> (cd)            | 1413   | S/MH(C0/180)       | 0.67     |
| NOMINAL POWER(W) |         | LOR(%)                           | 100.0  | S/MH(C90/270)      | 0.59     |
| RATED VOLTAGE(V) |         | TOTAL FLUX(lm)                   | 494.78 | h UP, DN(C0-180)   | 0.0,44.1 |
| NOMINAL FLUX(lm) | 494.781 | CIE CLASS                        | DIRECT | h UP, DN(C180-360) | 0.0,55.9 |
| LAMPS INSIDE     | 1       | h up(%)                          | 0.0    | CIBSE SHR NOM      | 0.50     |
| TEST VOLTAGE(V)  | 0       | h down(%)                        | 100.0  | CIBSE SHR MAX      | 0.50     |



H(h) Range:-90 - 90DEG  
 H(h) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:AED  
 Test Date:2024-03-26

V(B) Range:-80 - 80DEG  
 V(B) Interval: 5.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:5.780m [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  | 672.4                 | 673.0 | 798.4 | 1018  | 1319  | 1227  | 1062  | 791.1 | 0- 10   | 103.0   | 103.0   | 20.8,20.8 |
| 20  | 263.6                 | 284.1 | 333.7 | 514.0 | 703.8 | 691.0 | 507.8 | 355.0 | 10- 20  | 188.5   | 291.5   | 58.9,58.9 |
| 30  | 72.70                 | 79.32 | 131.4 | 199.9 | 273.9 | 286.0 | 193.7 | 111.5 | 20- 30  | 132.7   | 424.3   | 85.7,85.7 |
| 40  | 5.135                 | 4.585 | 16.42 | 47.04 | 59.12 | 77.56 | 20.90 | 4.131 | 30- 40  | 55.13   | 479.4   | 96.9,96.9 |
| 50  | 2.781                 | 1.874 | 3.684 | 4.334 | 6.541 | 3.600 | 2.310 | 1.545 | 40- 50  | 8.747   | 488.2   | 98.7,98.7 |
| 60  | 2.233                 | 1.587 | 2.416 | 2.506 | 3.966 | 1.915 | 1.848 | 1.361 | 50- 60  | 2.317   | 490.5   | 99.1,99.1 |
| 70  | 1.971                 | 1.483 | 1.697 | 1.934 | 2.771 | 1.701 | 1.700 | 1.441 | 60- 70  | 1.861   | 492.3   | 99.5,99.5 |
| 80  | 1.760                 | 1.268 | 1.272 | 1.460 | 2.104 | 1.634 | 1.520 | 1.407 | 70- 80  | 1.666   | 494.0   | 99.8,99.8 |
| 90  | 1.346                 | 0     | 0     | 0     | 1.517 | 0     | 0     | 0     | 80- 90  | 0.7863  | 494.8   | 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): 485.81 lm

%lum = 98.2%  
%lamp = 98.2%

Conical surface Flux(120deg): 490.47 lm

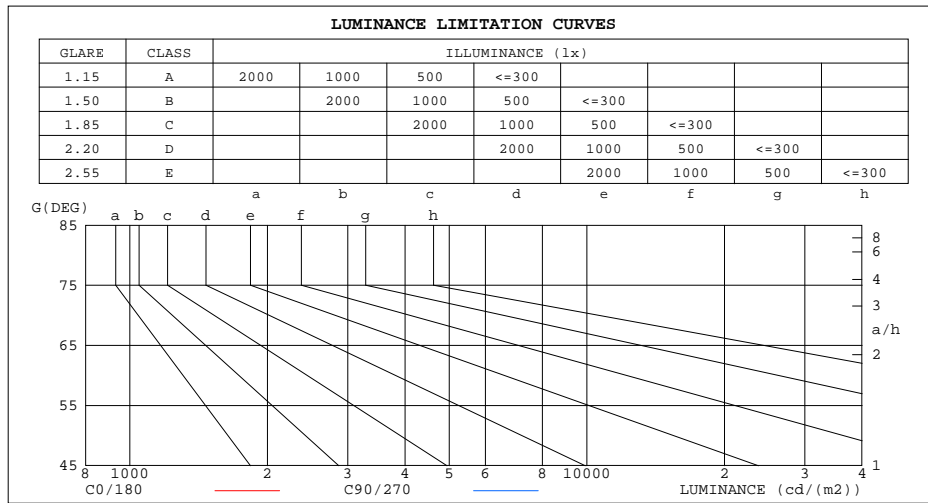
%lum = 99.1%  
%lamp = 99.1%

H(β) Range:-90 - 90DEG  
H(β) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:AED  
Test Date:2024-03-26

V(B) Range:-80 - 80DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:5.780m [K=1.0000]  
Remarks:

LUMINANCE LIMITATION CURVES

|  |                         |                     |
|--|-------------------------|---------------------|
| Test:U:220.28V I:0.0872A P:8.8132W PF:0.4588 Freq:50.00Hz Lamp Flux:494.78lx1 lm |                         |                     |
| NAME: 6510   | TYPE:                   | WEIGHT:0.24KG       |
| SPEC.:10W  | DIM.: $\Phi$ 8.5*H8.5CM | SERIAL No.:01       |
| MFR.: NORDECOR   | SUR.:                   | Shielding Angle:24° |



| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G(DEG)            | C0/180 | C90/270 |
| 85                | 166    | 0       |
| 80                | 101    | 73      |
| 75                | 73     | 57      |
| 70                | 58     | 50      |
| 65                | 49     | 49      |
| 60                | 45     | 48      |
| 55                | 43     | 54      |
| 50                | 43     | 57      |
| 45                | 46     | 147     |

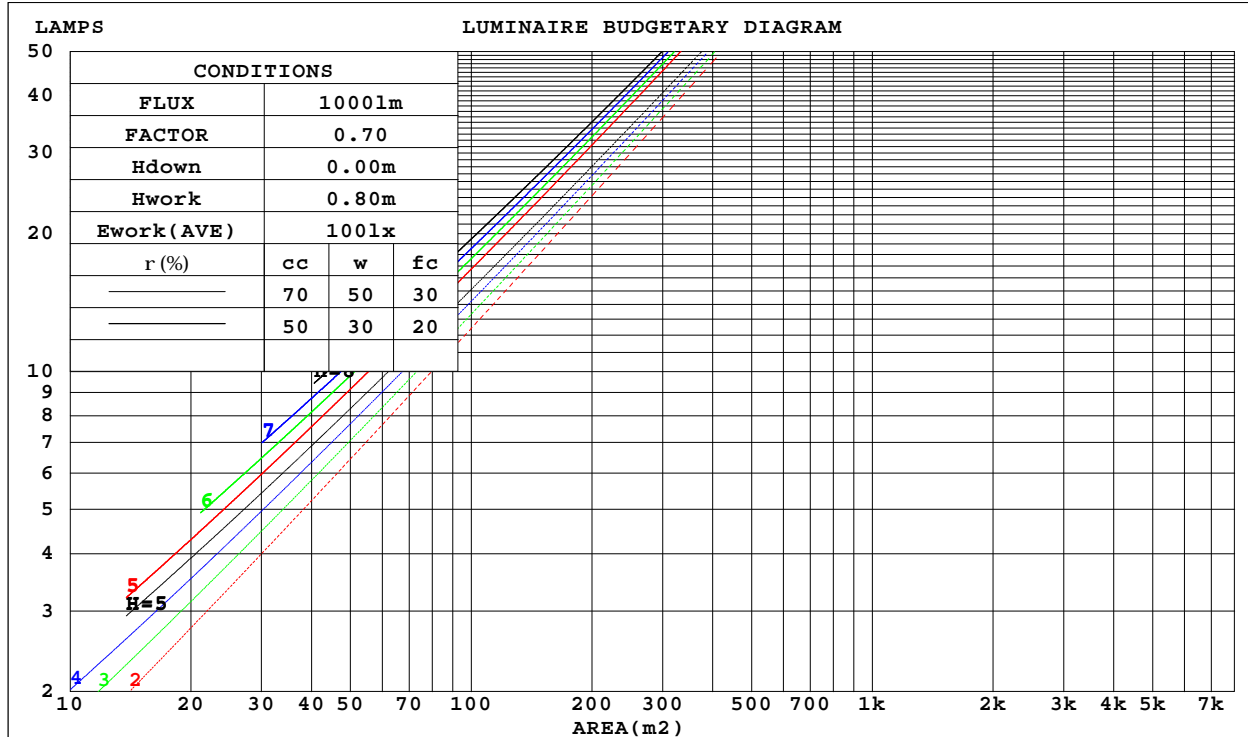
H(b) Range:-90 - 90DEG  
H(b) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:AED  
Test Date:2024-03-26

V(B) Range:-80 - 80DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:5.780m [K=1.0000]  
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

|  |                         |                     |
|--|-------------------------|---------------------|
| Test:U:220.28V I:0.0872A P:8.8132W PF:0.4588 Freq:50.00Hz Lamp Flux:494.78lx1 lm |                         |                     |
| NAME: 6510   | TYPE:                   | WEIGHT:0.24KG       |
| SPEC.:10W  | DIM.: $\phi$ 8.5*H8.5CM | SERIAL No.:01       |
| MFR.: NORDECOR   | SUR.:                   | Shielding Angle:24° |

|                 |                       |      |      |      |      |      |                                 |      |      |      |      |      |      |      |      |     |
|-----------------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|-----|
| r <sub>cc</sub> | 80%                   |      |      | 70%  |      |      | 50%                             |      |      | 30%  |      |      | 10%  |      |      | 0   |
| r <sub>w</sub>  | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%                             | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0   |
| r <sub>fc</sub> | 20%                   |      |      | 20%  |      |      | 20%                             |      |      | 20%  |      |      | 20%  |      |      | 0   |
| RCR             | RCR:Room Cavity Ratio |      |      |      |      |      | 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             | 1.12                  | 1.09 | 1.07 | 1.10 | 1.08 | 1.06 | 1.06                            | 1.04 | 1.03 | 1.02 | 1.01 | .99  | .98  | .98  | .97  | .95 |
| 2.0             | 1.05                  | 1.02 | .99  | 1.04 | 1.00 | .98  | 1.00                            | .98  | .96  | .97  | .95  | .93  | .95  | .93  | .92  | .90 |
| 3.0             | .99                   | .95  | .92  | .98  | .94  | .91  | .96                             | .92  | .90  | .93  | .91  | .88  | .91  | .89  | .87  | .85 |
| 4.0             | .94                   | .90  | .86  | .93  | .89  | .85  | .91                             | .87  | .84  | .89  | .86  | .84  | .87  | .85  | .83  | .81 |
| 5.0             | .90                   | .85  | .81  | .89  | .84  | .81  | .87                             | .83  | .80  | .86  | .82  | .79  | .84  | .81  | .79  | .77 |
| 6.0             | .85                   | .80  | .77  | .85  | .80  | .77  | .83                             | .79  | .76  | .82  | .78  | .76  | .81  | .78  | .75  | .74 |
| 7.0             | .82                   | .77  | .73  | .81  | .76  | .73  | .80                             | .76  | .72  | .79  | .75  | .72  | .78  | .74  | .72  | .71 |
| 8.0             | .78                   | .73  | .70  | .78  | .73  | .69  | .77                             | .72  | .69  | .76  | .72  | .69  | .75  | .71  | .69  | .67 |
| 9.0             | .75                   | .70  | .67  | .74  | .70  | .66  | .74                             | .69  | .66  | .73  | .69  | .66  | .72  | .68  | .66  | .65 |
| 10.0            | .72                   | .67  | .64  | .71  | .67  | .64  | .71                             | .66  | .63  | .70  | .66  | .63  | .69  | .66  | .63  | .62 |



H<sub>(b)</sub> Range:-90 - 90DEG  
H<sub>(b)</sub> Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:AED  
Test Date:2024-03-26

V(B) Range:-80 - 80DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:5.780m [K=1.0000]  
Remarks:

WEC AND CCEC

|  |                         |                     |
|--|-------------------------|---------------------|
| Test:U:220.28V I:0.0872A P:8.8132W PF:0.4588 Freq:50.00Hz Lamp Flux:494.78lx1 lm |                         |                     |
| NAME: 6510   | TYPE:                   | WEIGHT:0.24KG       |
| SPEC.:10W  | DIM.: $\Phi$ 8.5*H8.5CM | SERIAL No.:01       |
| MFR.: NORDECOR   | SUR.:                   | Shielding Angle:24° |

| rcc             | 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             | .160                  | .091 | .029 | .153 | .087 | .028 | .141                            | .081 | .026 | .129 | .074 | .024 | .118 | .069 | .022 |   |
| 2.0             | .150                  | .082 | .025 | .144 | .080 | .024 | .134                            | .074 | .023 | .124 | .070 | .022 | .115 | .065 | .021 |   |
| 3.0             | .141                  | .075 | .022 | .136 | .073 | .022 | .128                            | .069 | .021 | .119 | .065 | .020 | .112 | .062 | .019 |   |
| 4.0             | .133                  | .069 | .020 | .129 | .068 | .020 | .122                            | .065 | .019 | .115 | .062 | .019 | .108 | .059 | .018 |   |
| 5.0             | .126                  | .064 | .019 | .123 | .063 | .018 | .116                            | .061 | .018 | .110 | .058 | .017 | .105 | .056 | .017 |   |
| 6.0             | .120                  | .060 | .017 | .117 | .059 | .017 | .112                            | .057 | .017 | .106 | .055 | .016 | .101 | .053 | .016 |   |
| 7.0             | .115                  | .057 | .016 | .112 | .056 | .016 | .107                            | .054 | .016 | .102 | .053 | .015 | .098 | .051 | .015 |   |
| 8.0             | .110                  | .054 | .015 | .107 | .053 | .015 | .103                            | .051 | .015 | .099 | .050 | .014 | .095 | .049 | .014 |   |
| 9.0             | .105                  | .051 | .014 | .103 | .050 | .014 | .099                            | .049 | .014 | .095 | .048 | .014 | .092 | .047 | .013 |   |
| 10.0            | .101                  | .048 | .013 | .099 | .048 | .013 | .095                            | .047 | .013 | .092 | .046 | .013 | .089 | .045 | .013 |   |

| rcc             | 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             | .170                  | .157 | .146 | .145 | .135 | .126 | .099                                       | .093 | .087 | .057 | .054 | .051 | .018 | .017 | .016 |   |
| 2.0             | .153                  | .133 | .115 | .131 | .114 | .100 | .090                                       | .079 | .069 | .052 | .046 | .041 | .017 | .015 | .013 |   |
| 3.0             | .140                  | .113 | .093 | .120 | .098 | .080 | .082                                       | .068 | .056 | .047 | .040 | .033 | .015 | .013 | .011 |   |
| 4.0             | .128                  | .098 | .076 | .110 | .085 | .066 | .076                                       | .059 | .046 | .044 | .035 | .027 | .014 | .011 | .009 |   |
| 5.0             | .119                  | .086 | .063 | .102 | .075 | .054 | .070                                       | .052 | .038 | .041 | .031 | .023 | .013 | .010 | .008 |   |
| 6.0             | .111                  | .077 | .053 | .095 | .067 | .046 | .066                                       | .047 | .032 | .038 | .027 | .019 | .012 | .009 | .006 |   |
| 7.0             | .104                  | .069 | .045 | .089 | .060 | .039 | .062                                       | .042 | .028 | .036 | .025 | .016 | .012 | .008 | .005 |   |
| 8.0             | .098                  | .062 | .038 | .084 | .054 | .033 | .058                                       | .038 | .024 | .034 | .022 | .014 | .011 | .007 | .005 |   |
| 9.0             | .092                  | .057 | .033 | .079 | .050 | .029 | .055                                       | .035 | .021 | .032 | .021 | .012 | .010 | .007 | .004 |   |
| 10.0            | .088                  | .053 | .029 | .076 | .046 | .026 | .052                                       | .032 | .018 | .031 | .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:AED  
Test Date:2024-03-26

V(B) Range:-80 - 80DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:5.780m [K=1.0000]  
Remarks:

UGR(Unified Glare Rating) Table

|  |                  |      |      |      |                         |                |     |                     |     |     |
|--|------------------|------|------|------|-------------------------|----------------|-----|---------------------|-----|-----|
| Test:U:220.28V I:0.0872A P:8.8132W PF:0.4588 Freq:50.00Hz Lamp Flux:494.78lx1 lm |                  |      |      |      |                         |                |     |                     |     |     |
| NAME: 6510   |                  |      |      |      | TYPE:                   |                |     | WEIGHT:0.24KG       |     |     |
| SPEC.:10W  |                  |      |      |      | DIM.: $\phi$ 8.5*H8.5CM |                |     | 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  | -4.4             | -3.6 | -4.2 | -3.5 | -3.3                    | 1.0            | 1.8 | 1.2                 | 1.9 | 2.1 |
| 3H   | -3.6             | -2.9 | -3.4 | -2.7 | -2.5                    | 1.1            | 1.8 | 1.3                 | 2.0 | 2.2 |
| 4H   | -2.9             | -2.2 | -2.6 | -2.0 | -1.8                    | 1.2            | 1.9 | 1.4                 | 2.1 | 2.3 |
| 6H   | -1.8             | -1.1 | -1.5 | -0.9 | -0.7                    | 1.4            | 2.0 | 1.7                 | 2.3 | 2.5 |
| 8H   | -1.2             | -0.5 | -0.9 | -0.3 | -0.0                    | 1.4            | 2.1 | 1.7                 | 2.3 | 2.6 |
| 12H  | -0.4             | 0.2  | -0.1 | 0.5  | 0.7                     | 1.4            | 2.0 | 1.7                 | 2.3 | 2.6 |
| 4H 2H  | -4.4             | -3.7 | -4.1 | -3.5 | -3.3                    | 0.8            | 1.5 | 1.1                 | 1.7 | 1.9 |
| 3H   | -3.3             | -2.7 | -3.0 | -2.4 | -2.2                    | 1.0            | 1.6 | 1.3                 | 1.8 | 2.1 |
| 4H   | -2.4             | -1.8 | -2.0 | -1.5 | -1.2                    | 1.2            | 1.7 | 1.5                 | 2.0 | 2.3 |
| 6H   | -1.0             | -0.5 | -0.6 | -0.1 | 0.2                     | 1.6            | 2.1 | 1.9                 | 2.4 | 2.7 |
| 8H   | -0.2             | 0.3  | 0.2  | 0.6  | 1.0                     | 1.7            | 2.1 | 2.1                 | 2.5 | 2.8 |
| 12H  | 0.7              | 1.2  | 1.1  | 1.5  | 1.9                     | 1.6            | 2.1 | 2.0                 | 2.4 | 2.8 |
| 8H 4H  | -2.0             | -1.5 | -1.6 | -1.2 | -0.8                    | 1.2            | 1.7 | 1.6                 | 2.0 | 2.4 |
| 6H   | -0.3             | 0.0  | 0.1  | 0.4  | 0.8                     | 1.8            | 2.1 | 2.2                 | 2.5 | 3.0 |
| 8H   | 0.7              | 1.0  | 1.1  | 1.4  | 1.8                     | 1.9            | 2.3 | 2.4                 | 2.7 | 3.1 |
| 12H  | 1.8              | 2.1  | 2.2  | 2.5  | 3.0                     | 1.9            | 2.2 | 2.4                 | 2.7 | 3.1 |
| 12H 4H   | -1.9             | -1.5 | -1.5 | -1.1 | -0.7                    | 1.2            | 1.7 | 1.6                 | 2.0 | 2.4 |
| 6H   | -0.2             | 0.2  | 0.3  | 0.6  | 1.0                     | 1.8            | 2.2 | 2.3                 | 2.6 | 3.0 |
| 8H   | 0.9              | 1.2  | 1.4  | 1.7  | 2.1                     | 2.1            | 2.3 | 2.5                 | 2.8 | 3.3 |
| Variations with the observer position at spacings:                               |                  |      |      |      |                         |                |     |                     |     |     |
| S = 1.0H   | + 0.3 / - 0.2    |      |      |      |                         | + 3.2 / - 2.4  |     |                     |     |     |
| 1.5H   | + 0.5 / - 0.4    |      |      |      |                         | + 5.5 / - 2.6  |     |                     |     |     |
| 2.0H   | + 0.5 / - 0.5    |      |      |      |                         | + 2.3 / - 0.6  |     |                     |     |     |

CIE Pub.117, 494.8 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -2.4)  
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:AED  
Test Date:2024-03-26

V(B) Range:-80 - 80DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:5.780m [K=1.0000]  
Remarks:

UTILIZATION FACTORS TABLE

|  |                         |                     |
|--|-------------------------|---------------------|
| Test:U:220.28V I:0.0872A P:8.8132W PF:0.4588 Freq:50.00Hz Lamp Flux:494.78lx1 lm |                         |                     |
| NAME: 6510   | TYPE:                   | WEIGHT:0.24KG       |
| SPEC.:10W  | DIM.: $\Phi$ 8.5*H8.5CM | SERIAL No.:01       |
| MFR.: NORDECOR   | SUR.:                   | Shielding Angle:24° |

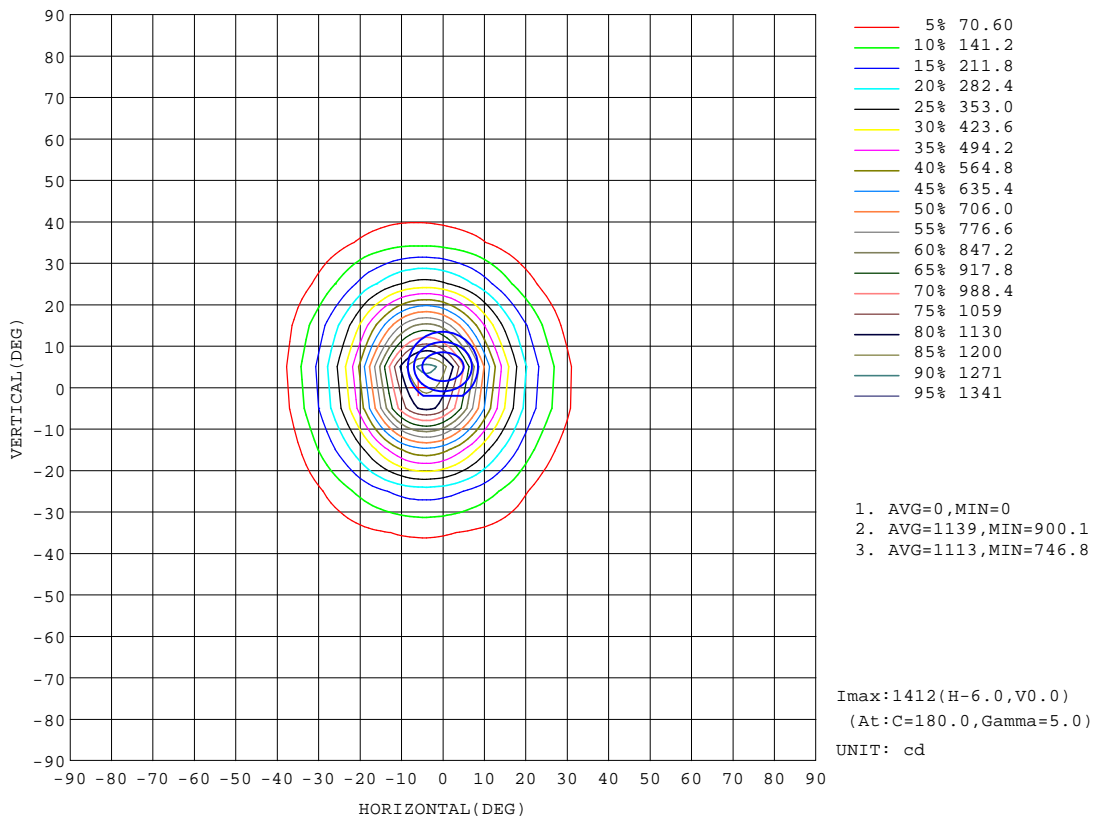
| REFLECTANCE                      |   |     |           |     |     |     |               |     |     |        |
|----------------------------------|---|-----|-----------|-----|-----|-----|---------------|-----|-----|--------|
| Ceiling                          | 0.8   | 0.8 | 0.8       | 0.7 | 0.7 | 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  | 88            | 83  | 80  | 77     |
| 0.80                             | 97  | 91  | 88        | 96  | 91  | 88  | 95            | 90  | 87  | 84     |
| 1.00                             | 101   | 95  | 92        | 100 | 95  | 92  | 98            | 95  | 91  | 88     |
| 1.25                             | 104   | 100 | 96        | 103 | 99  | 96  | 101           | 98  | 95  | 91     |
| 1.50                             | 107   | 102 | 99        | 106 | 102 | 99  | 104           | 100 | 98  | 93     |
| 2.00                             | 109   | 105 | 102       | 108 | 104 | 101 | 105           | 102 | 100 | 95     |
| 2.50                             | 111   | 107 | 104       | 109 | 106 | 103 | 106           | 104 | 102 | 96     |
| 3.00                             | 112   | 109 | 106       | 110 | 108 | 105 | 107           | 105 | 103 | 97     |
| 4.00                             | 114   | 112 | 109       | 112 | 110 | 108 | 109           | 107 | 105 | 98     |
| 5.00                             | 115   | 113 | 112       | 113 | 111 | 110 | 109           | 108 | 107 | 99     |
| ROOM INDEX                       | UF(total)   |     |           |     |     |     |               |     |     | Direct |
| According to DIN EN 13032-2 2004 |   |     | Suspended |     |     |     | SHRNOM = 1.25 |     |     |        |

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:AED  
Test Date:2024-03-26

V(B) Range:-80 - 80DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:5.780m [K=1.0000]  
Remarks:

ISOCANDELA DIAGRAM

|  |                         |                     |
|--|-------------------------|---------------------|
| Test:U:220.28V I:0.0872A P:8.8132W PF:0.4588 Freq:50.00Hz Lamp Flux:494.78lx1 lm |                         |                     |
| NAME: 6510   | TYPE:                   | WEIGHT:0.24KG       |
| SPEC.:10W  | DIM.: $\phi$ 8.5*H8.5CM | SERIAL No.:01       |
| MFR.: NORDECOR   | SUR.:                   | Shielding Angle:24° |



H( $\beta$ ) Range:-90 - 90DEG  
 H( $\beta$ ) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:AED  
 Test Date:2024-03-26

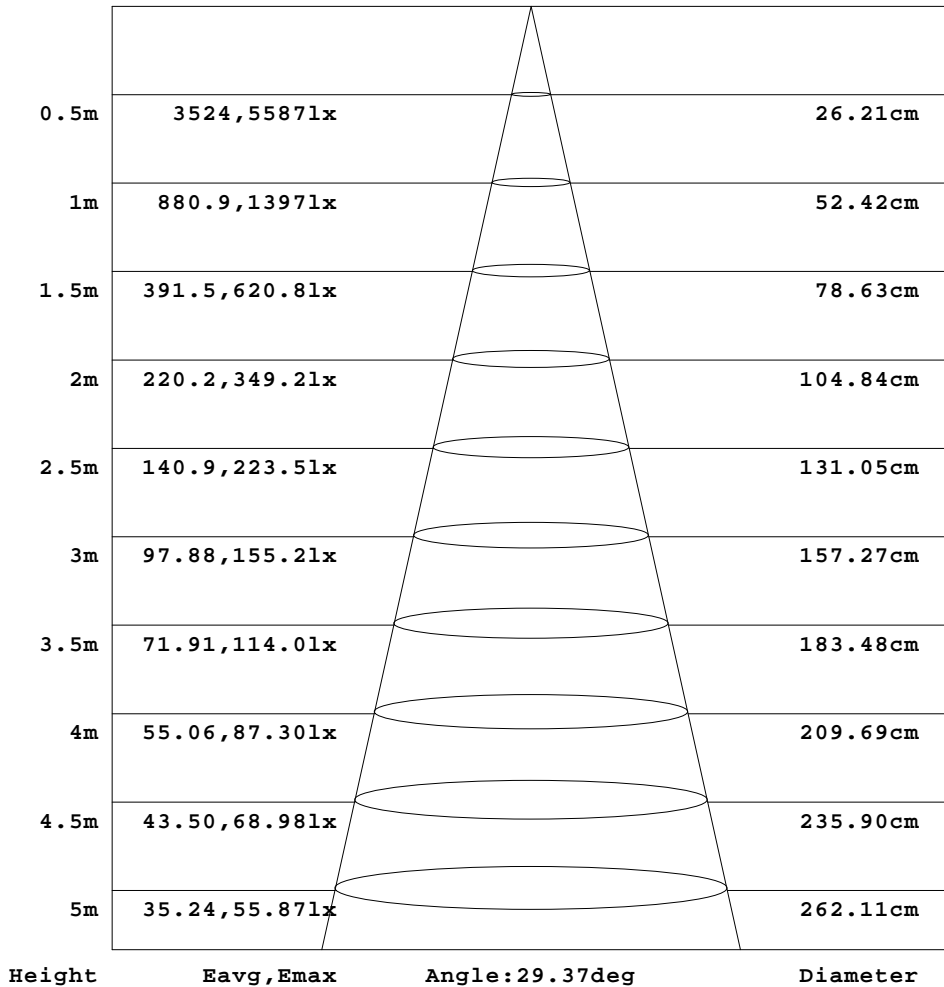
V(B) Range:-80 - 80DEG  
 V(B) Interval: 5.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:5.780m [K=1.0000]  
 Remarks:



AAI Figure

|  |                         |                     |
|--|-------------------------|---------------------|
| Test:U:220.28V I:0.0872A P:8.8132W PF:0.4588 Freq:50.00Hz Lamp Flux:494.78lx1 lm |                         |                     |
| NAME: 6510   | TYPE:                   | WEIGHT:0.24KG       |
| SPEC.:10W  | DIM.: $\phi$ 8.5*H8.5CM | SERIAL No.:01       |
| MFR.: NORDECOR   | SUR.:                   | Shielding Angle:24° |

Flux out:198.7 lm



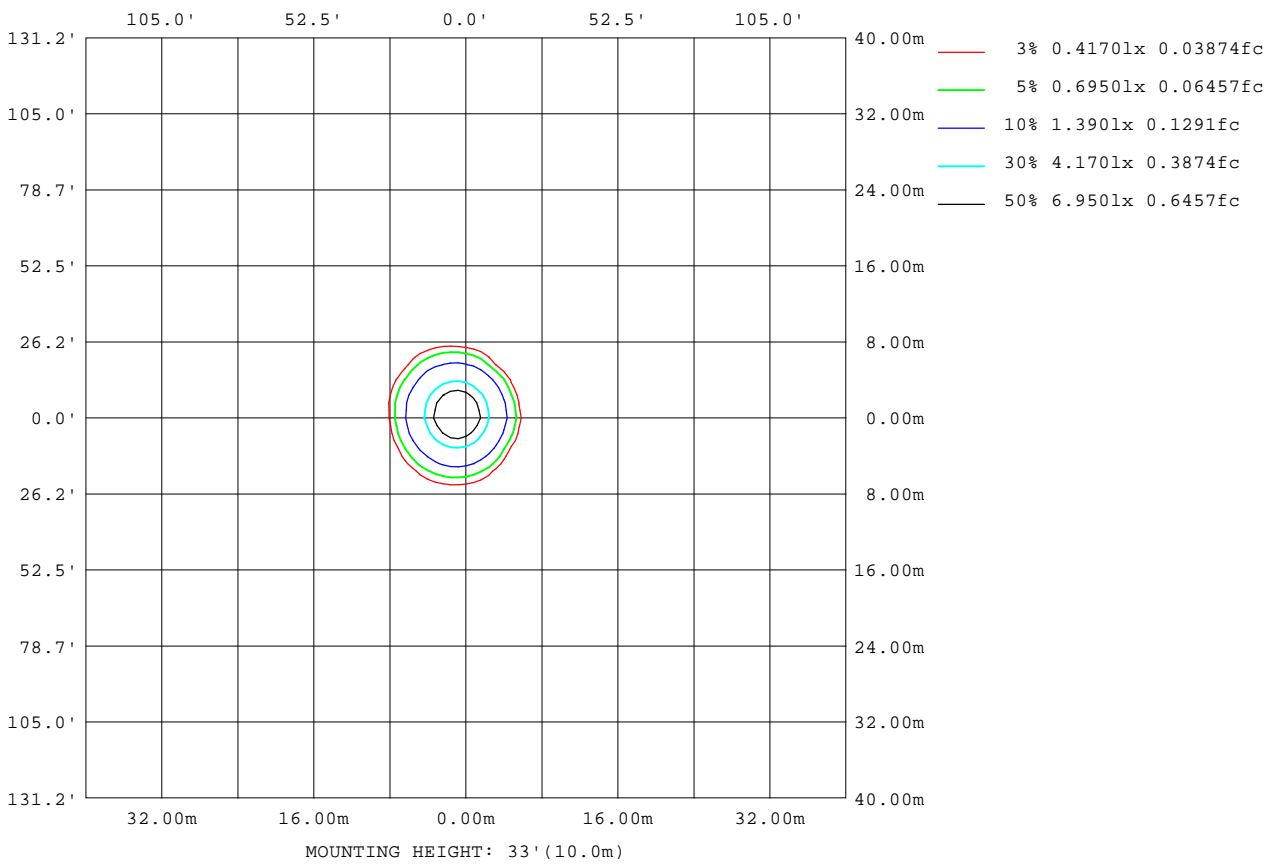
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H( $\beta$ ) Range:-90 - 90DEG  
 H( $\beta$ ) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:AED  
 Test Date:2024-03-26

V(B) Range:-80 - 80DEG  
 V(B) Interval: 5.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:5.780m [K=1.0000]  
 Remarks:

ISOLUX DIAGRAM

|  |                         |                     |
|--|-------------------------|---------------------|
| Test:U:220.28V I:0.0872A P:8.8132W PF:0.4588 Freq:50.00Hz Lamp Flux:494.78lx1 lm |                         |                     |
| NAME: 6510   | TYPE:                   | WEIGHT:0.24KG       |
| SPEC.:10W  | DIM.: $\Phi$ 8.5*H8.5CM | SERIAL No.:01       |
| MFR.: NORDECOR   | SUR.:                   | Shielding Angle:24° |



H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:AED  
Test Date:2024-03-26

V(B) Range:-80 - 80DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:5.780m [K=1.0000]  
Remarks:

LED Avg.L Report

|  |                         |                     |
|--|-------------------------|---------------------|
| Test:U:220.28V I:0.0872A P:8.8132W PF:0.4588 Freq:50.00Hz Lamp Flux:494.78lx1 lm |                         |                     |
| NAME: 6510   | TYPE:                   | WEIGHT:0.24KG       |
| SPEC.:10W  | DIM.: $\phi$ 8.5*H8.5CM | SERIAL No.:01       |
| MFR.: NORDECOR   | SUR.:                   | Shielding Angle:24° |

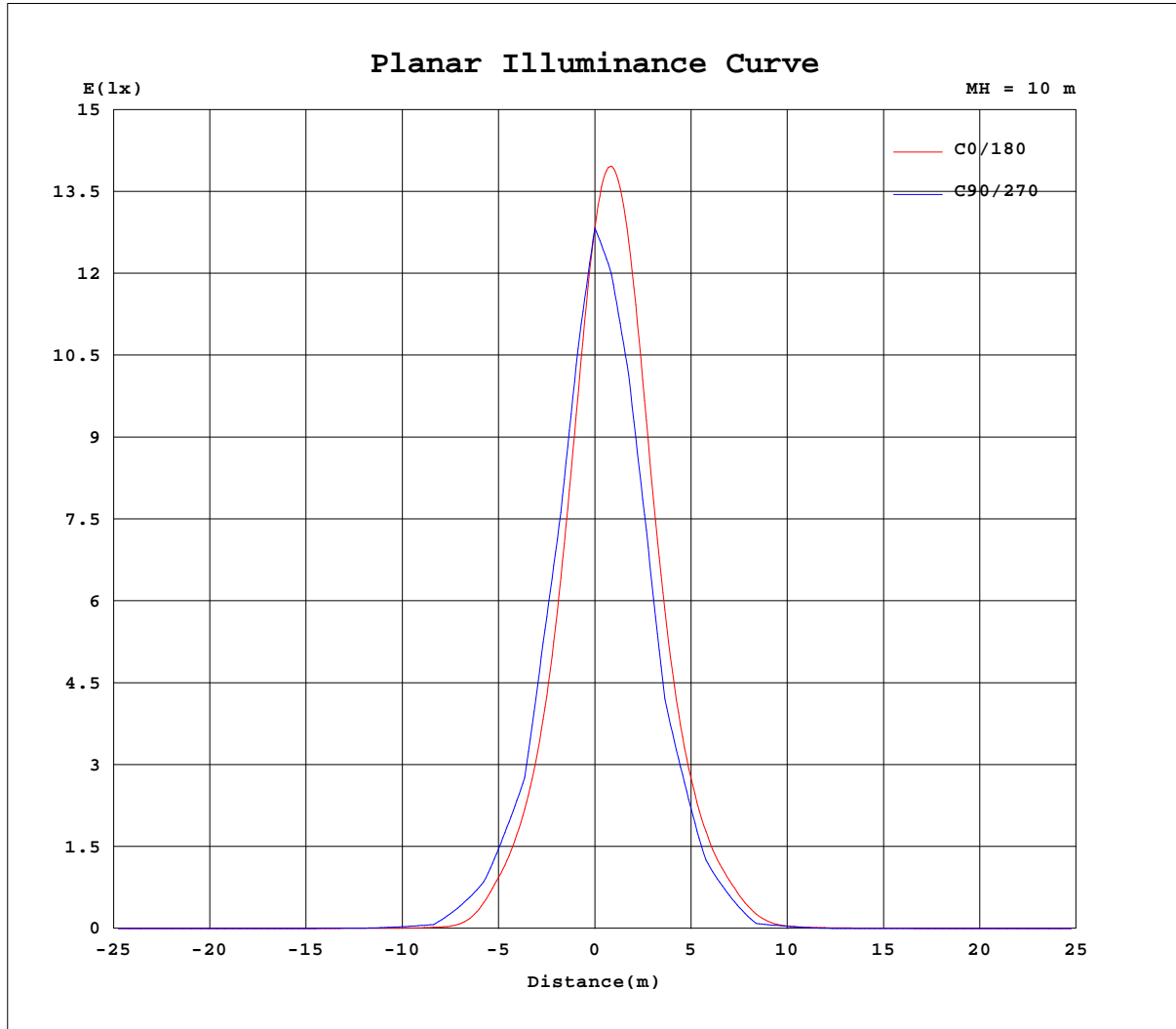
| AvgL           | cd/m2 |
|----------------|-------|
| L_0~180(65)av  | 63    |
| L_0~180(75)av  | 83    |
| L_0~180(85)av  | 185   |
| L_90~270(65)av | 46    |
| L_90~270(75)av | 60    |
| L_90~270(85)av | 0     |
| L_45(65)av     | 41    |
| L_45(75)av     | 61    |
| L_45(85)av     | 64    |

Standard: GB/T 29293-2012

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:AED  
Test Date:2024-03-26

V(B) Range:-80 - 80DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:5.780m [K=1.0000]  
Remarks:

Planar Illuminance Curve



H( $\beta$ ) Range:-90 - 90DEG  
 H( $\beta$ ) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:AED  
 Test Date:2024-03-26

V(B) Range:-80 - 80DEG  
 V(B) Interval: 5.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:5.780m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

|  |                         |                     |
|--|-------------------------|---------------------|
| Test:U:220.28V I:0.0872A P:8.8132W PF:0.4588 Freq:50.00Hz Lamp Flux:494.781x1 lm |                         |                     |
| NAME: 6510   | TYPE:                   | WEIGHT:0.24KG       |
| SPEC.:10W  | DIM.: $\phi$ 8.5*H8.5CM | SERIAL No.:01       |
| MFR.: NORDECOR   | SUR.:                   | Shielding Angle:24° |

Table--1 UNIT: cd

| C(DEG)<br>g (DEG) | 0    | 5    | 10   | 15   | 20   | 25   | 30   | 35   | 40   | 45   | 50   | 55   | 60   | 65   | 70   | 75   | 80   | 85   | 90   |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0                 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283 |
| 5                 | 988  | 978  | 970  | 965  | 962  | 962  | 963  | 966  | 971  | 977  | 985  | 994  | 1003 | 1013 | 1024 | 1036 | 1048 | 1060 | 1074 |
| 10                | 672  | 664  | 659  | 658  | 660  | 666  | 674  | 671  | 671  | 673  | 678  | 685  | 694  | 706  | 720  | 737  | 756  | 776  | 798  |
| 15                | 426  | 421  | 421  | 426  | 430  | 423  | 419  | 416  | 415  | 425  | 439  | 454  | 472  | 490  | 508  | 526  | 545  | 563  | 582  |
| 20                | 264  | 262  | 264  | 266  | 259  | 253  | 251  | 261  | 272  | 284  | 292  | 295  | 299  | 304  | 307  | 311  | 316  | 323  | 334  |
| 25                | 156  | 157  | 161  | 156  | 150  | 149  | 154  | 162  | 162  | 164  | 166  | 172  | 181  | 191  | 201  | 210  | 219  | 228  | 237  |
| 30                | 72.7 | 75.8 | 78.2 | 70.3 | 68.6 | 72.7 | 71.7 | 65.6 | 65.2 | 79.3 | 92.1 | 102  | 106  | 111  | 116  | 119  | 121  | 125  | 131  |
| 35                | 16.2 | 18.8 | 18.7 | 15.6 | 19.6 | 20.9 | 14.9 | 15.8 | 23.4 | 28.6 | 29.0 | 27.5 | 38.9 | 51.4 | 60.3 | 64.8 | 68.0 | 71.5 | 75.5 |
| 40                | 5.14 | 5.44 | 5.01 | 4.89 | 5.15 | 4.32 | 4.58 | 5.36 | 5.31 | 4.59 | 6.81 | 11.4 | 16.8 | 20.0 | 20.2 | 18.0 | 15.9 | 15.3 | 16.4 |
| 45                | 3.24 | 3.15 | 2.86 | 2.75 | 2.51 | 2.41 | 2.50 | 2.19 | 2.31 | 2.73 | 3.12 | 3.35 | 3.66 | 4.57 | 5.55 | 6.62 | 7.85 | 9.17 | 10.4 |
| 50                | 2.78 | 2.67 | 2.45 | 2.23 | 2.03 | 1.91 | 1.79 | 1.83 | 1.86 | 1.87 | 2.03 | 2.31 | 2.74 | 3.07 | 3.30 | 3.43 | 3.51 | 3.55 | 3.68 |
| 55                | 2.46 | 2.35 | 2.18 | 1.92 | 1.76 | 1.60 | 1.56 | 1.51 | 1.62 | 1.74 | 1.83 | 1.95 | 2.07 | 2.22 | 2.37 | 2.55 | 2.75 | 2.92 | 3.09 |
| 60                | 2.23 | 2.13 | 1.92 | 1.71 | 1.53 | 1.45 | 1.38 | 1.45 | 1.51 | 1.59 | 1.69 | 1.78 | 1.87 | 1.96 | 2.05 | 2.14 | 2.23 | 2.32 | 2.42 |
| 65                | 2.09 | 1.97 | 1.73 | 1.54 | 1.42 | 1.37 | 1.39 | 1.42 | 1.48 | 1.54 | 1.59 | 1.63 | 1.67 | 1.73 | 1.80 | 1.86 | 1.93 | 2.00 | 2.07 |
| 70                | 1.97 | 1.82 | 1.60 | 1.44 | 1.36 | 1.36 | 1.40 | 1.44 | 1.47 | 1.48 | 1.49 | 1.51 | 1.52 | 1.54 | 1.57 | 1.59 | 1.62 | 1.65 | 1.70 |
| 75                | 1.88 | 1.64 | 1.45 | 1.37 | 1.37 | 1.39 | 1.41 | 1.39 | 1.40 | 1.39 | 1.37 | 1.38 | 1.37 | 1.37 | 1.38 | 1.40 | 1.42 | 1.44 | 1.47 |
| 80                | 1.76 | 1.47 | 1.33 | 1.34 | 1.34 | 1.33 | 1.33 | 1.30 | 1.28 | 1.27 | 1.25 | 1.23 | 1.22 | 1.21 | 1.21 | 1.21 | 1.21 | 1.23 | 1.27 |
| 85                | 1.45 | 1.16 | 1.18 | 1.14 | 1.14 | 1.15 | 1.15 | 0.87 | 0.66 | 0.49 | 0.36 | 0.26 | 0.18 | 0.12 | 0.08 | 0.04 | 0.02 | 0.00 | 0.00 |
| 90                | 1.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

H(B) Range:-90 - 90DEG  
 H(B) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:AED  
 Test Date:2024-03-26

V(B) Range:-80 - 80DEG  
 V(B) Interval: 5.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:5.780m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

|  |                         |                     |
|--|-------------------------|---------------------|
| Test:U:220.28V I:0.0872A P:8.8132W PF:0.4588 Freq:50.00Hz Lamp Flux:494.78lx1 lm |                         |                     |
| NAME: 6510   | TYPE:                   | WEIGHT:0.24KG       |
| SPEC.:10W  | DIM.: $\phi$ 8.5*H8.5CM | SERIAL No.:01       |
| MFR.: NORDECOR   | SUR.:                   | Shielding Angle:24° |

Table--2

UNIT: cd

| C(DEG)<br>g (DEG) | 95   | 100  | 105  | 110  | 115  | 120  | 125  | 130  | 135  | 140  | 145  | 150  | 155  | 160  | 165  | 170  | 175   | 180  | 185  |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| 0                 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283  | 1283 | 1283 |
| 5                 | 1088 | 1102 | 1117 | 1132 | 1148 | 1164 | 1181 | 1199 | 1217 | 1236 | 1256 | 1276 | 1297 | 1320 | 1342 | 1366 | 1389  | 1413 | 1402 |
| 10                | 822  | 847  | 873  | 898  | 924  | 949  | 972  | 995  | 1018 | 1040 | 1062 | 1083 | 1114 | 1148 | 1186 | 1227 | 1271  | 1319 | 1294 |
| 15                | 601  | 620  | 641  | 663  | 685  | 708  | 732  | 756  | 781  | 803  | 815  | 825  | 834  | 844  | 879  | 923  | 974   | 1033 | 999  |
| 20                | 348  | 366  | 388  | 412  | 437  | 460  | 478  | 495  | 514  | 537  | 559  | 581  | 581  | 578  | 577  | 608  | 652   | 704  | 673  |
| 25                | 246  | 255  | 263  | 272  | 279  | 285  | 291  | 302  | 320  | 331  | 337  | 358  | 378  | 384  | 375  | 376  | 407   | 445  | 422  |
| 30                | 139  | 148  | 158  | 167  | 175  | 182  | 187  | 193  | 200  | 207  | 213  | 214  | 224  | 241  | 242  | 233  | 248   | 274  | 257  |
| 35                | 79.7 | 84.2 | 89.0 | 93.9 | 98.7 | 103  | 107  | 111  | 111  | 113  | 123  | 128  | 121  | 126  | 145  | 133  | 136   | 161  | 146  |
| 40                | 19.3 | 23.7 | 29.4 | 35.6 | 41.9 | 47.7 | 51.0 | 51.5 | 47.0 | 45.2 | 43.5 | 44.9 | 42.7 | 38.1 | 45.5 | 45.4 | 41.8  | 59.1 | 48.6 |
| 45                | 11.3 | 11.8 | 11.9 | 11.5 | 10.6 | 9.63 | 12.2 | 15.8 | 14.1 | 12.0 | 9.68 | 9.78 | 9.52 | 9.56 | 9.38 | 11.2 | 10.00 | 13.2 | 11.0 |
| 50                | 4.02 | 4.56 | 5.17 | 5.59 | 5.69 | 5.52 | 5.21 | 4.85 | 4.33 | 4.34 | 4.20 | 4.12 | 4.18 | 4.58 | 4.98 | 5.70 | 5.79  | 6.54 | 6.03 |
| 55                | 3.22 | 3.31 | 3.37 | 3.39 | 3.36 | 3.31 | 3.33 | 3.28 | 2.96 | 2.78 | 2.68 | 2.69 | 2.81 | 3.08 | 3.63 | 4.05 | 4.50  | 4.90 | 4.66 |
| 60                | 2.51 | 2.60 | 2.69 | 2.74 | 2.75 | 2.74 | 2.68 | 2.61 | 2.51 | 2.37 | 2.21 | 2.14 | 2.17 | 2.32 | 2.68 | 3.14 | 3.66  | 3.97 | 3.85 |
| 65                | 2.13 | 2.18 | 2.23 | 2.27 | 2.29 | 2.30 | 2.29 | 2.24 | 2.17 | 2.09 | 2.01 | 1.91 | 1.83 | 1.89 | 2.08 | 2.51 | 3.00  | 3.25 | 3.15 |
| 70                | 1.73 | 1.77 | 1.81 | 1.86 | 1.90 | 1.93 | 1.94 | 1.94 | 1.93 | 1.93 | 1.86 | 1.79 | 1.73 | 1.69 | 1.78 | 2.06 | 2.46  | 2.77 | 2.57 |
| 75                | 1.51 | 1.52 | 1.55 | 1.57 | 1.61 | 1.64 | 1.67 | 1.69 | 1.71 | 1.71 | 1.71 | 1.71 | 1.67 | 1.61 | 1.60 | 1.74 | 2.09  | 2.39 | 2.19 |
| 80                | 1.27 | 1.28 | 1.31 | 1.30 | 1.36 | 1.38 | 1.41 | 1.44 | 1.46 | 1.49 | 1.51 | 1.55 | 1.56 | 1.56 | 1.54 | 1.52 | 1.75  | 2.10 | 1.82 |
| 85                | 0.00 | 0.02 | 0.05 | 0.08 | 0.13 | 0.20 | 0.29 | 0.40 | 0.54 | 0.73 | 0.94 | 1.26 | 1.33 | 1.34 | 1.42 | 1.46 | 1.43  | 1.78 | 1.43 |
| 90                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 1.52 | 0.00 |

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:AED  
Test Date:2024-03-26

V(B) Range:-80 - 80DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:5.780m [K=1.0000]  
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

|  |                         |                     |
|--|-------------------------|---------------------|
| Test:U:220.28V I:0.0872A P:8.8132W PF:0.4588 Freq:50.00Hz Lamp Flux:494.78lx1 lm |                         |                     |
| NAME: 6510   | TYPE:                   | WEIGHT:0.24KG       |
| SPEC.:10W  | DIM.: $\phi$ 8.5*H8.5CM | SERIAL No.:01       |
| MFR.: NORDECOR   | SUR.:                   | Shielding Angle:24° |

Table--3

UNIT: cd

| C(DEG)<br>g (DEG) | 190  | 195  | 200  | 205  | 210  | 215  | 220  | 225  | 230  | 235  | 240  | 245  | 250  | 255  | 260  | 265  | 270  | 275  | 280  |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0                 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283 |
| 5                 | 1392 | 1381 | 1371 | 1361 | 1351 | 1342 | 1333 | 1322 | 1313 | 1303 | 1292 | 1281 | 1269 | 1256 | 1243 | 1227 | 1212 | 1195 | 1179 |
| 10                | 1273 | 1254 | 1240 | 1230 | 1222 | 1225 | 1226 | 1227 | 1224 | 1218 | 1209 | 1195 | 1176 | 1153 | 1126 | 1096 | 1062 | 1027 | 991  |
| 15                | 973  | 954  | 948  | 971  | 997  | 1024 | 1051 | 1038 | 1015 | 992  | 968  | 944  | 919  | 893  | 867  | 839  | 810  | 779  | 747  |
| 20                | 651  | 645  | 677  | 715  | 745  | 726  | 708  | 691  | 681  | 674  | 661  | 642  | 618  | 590  | 562  | 534  | 508  | 484  | 463  |
| 25                | 407  | 428  | 463  | 471  | 455  | 440  | 450  | 447  | 442  | 437  | 432  | 425  | 416  | 404  | 391  | 376  | 359  | 342  | 323  |
| 30                | 254  | 280  | 291  | 277  | 273  | 280  | 285  | 286  | 283  | 274  | 271  | 264  | 252  | 237  | 221  | 206  | 194  | 184  | 177  |
| 35                | 154  | 174  | 160  | 159  | 173  | 168  | 159  | 161  | 166  | 161  | 155  | 150  | 143  | 135  | 127  | 119  | 110  | 103  | 96.3 |
| 40                | 63.6 | 68.8 | 64.6 | 79.6 | 76.8 | 68.6 | 71.0 | 77.6 | 81.8 | 79.0 | 73.5 | 66.7 | 58.6 | 48.4 | 37.7 | 28.2 | 20.9 | 17.0 | 16.8 |
| 45                | 15.5 | 13.1 | 16.4 | 18.7 | 18.0 | 14.8 | 18.6 | 21.6 | 23.2 | 16.8 | 15.2 | 18.7 | 20.3 | 19.8 | 18.0 | 15.5 | 12.5 | 9.39 | 6.63 |
| 50                | 6.27 | 5.68 | 5.58 | 5.00 | 4.79 | 4.64 | 4.60 | 3.60 | 4.25 | 4.84 | 5.84 | 6.83 | 6.57 | 5.21 | 3.72 | 2.68 | 2.31 | 2.34 | 2.40 |
| 55                | 4.34 | 3.98 | 3.35 | 2.96 | 2.68 | 2.43 | 2.33 | 2.33 | 2.46 | 2.33 | 2.19 | 2.20 | 2.21 | 2.21 | 2.20 | 2.17 | 2.09 | 2.01 | 1.93 |
| 60                | 3.43 | 2.97 | 2.52 | 2.22 | 2.01 | 1.95 | 1.94 | 1.91 | 1.94 | 1.96 | 1.97 | 1.97 | 1.96 | 1.95 | 1.92 | 1.89 | 1.85 | 1.81 | 1.76 |
| 65                | 2.73 | 2.24 | 1.94 | 1.77 | 1.70 | 1.67 | 1.74 | 1.77 | 1.78 | 1.79 | 1.81 | 1.83 | 1.83 | 1.83 | 1.82 | 1.81 | 1.78 | 1.74 | 1.71 |
| 70                | 2.19 | 1.86 | 1.66 | 1.58 | 1.59 | 1.63 | 1.67 | 1.70 | 1.72 | 1.74 | 1.75 | 1.76 | 1.75 | 1.74 | 1.73 | 1.71 | 1.70 | 1.67 | 1.65 |
| 75                | 1.83 | 1.61 | 1.53 | 1.57 | 1.60 | 1.64 | 1.67 | 1.69 | 1.70 | 1.70 | 1.69 | 1.68 | 1.66 | 1.65 | 1.64 | 1.62 | 1.61 | 1.59 | 1.58 |
| 80                | 1.54 | 1.50 | 1.55 | 1.59 | 1.63 | 1.64 | 1.64 | 1.63 | 1.63 | 1.62 | 1.61 | 1.59 | 1.57 | 1.56 | 1.55 | 1.54 | 1.52 | 1.51 | 1.50 |
| 85                | 1.47 | 1.57 | 1.59 | 1.28 | 1.58 | 1.18 | 0.88 | 0.66 | 0.49 | 0.35 | 0.24 | 0.16 | 0.10 | 0.05 | 0.02 | 0.01 | 0.00 | 0.01 | 0.02 |
| 90                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

H(B) Range:-90 - 90DEG  
H(B) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:AED  
Test Date:2024-03-26

V(B) Range:-80 - 80DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:5.780m [K=1.0000]  
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

|  |                         |                     |
|--|-------------------------|---------------------|
| Test:U:220.28V I:0.0872A P:8.8132W PF:0.4588 Freq:50.00Hz Lamp Flux:494.78lx1 lm |                         |                     |
| NAME: 6510   | TYPE:                   | WEIGHT:0.24KG       |
| SPEC.:10W  | DIM.: $\phi$ 8.5*H8.5CM | SERIAL No.:01       |
| MFR.: NORDECOR   | SUR.:                   | Shielding Angle:24° |

Table--4

UNIT: cd

| C(DEG)<br>g (DEG) | 285  | 290  | 295  | 300  | 305  | 310  | 315  | 320  | 325  | 330  | 335  | 340  | 345  | 350  | 355  |  |  |  |  |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|
| 0                 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283 | 1283 |  |  |  |  |
| 5                 | 1161 | 1144 | 1126 | 1108 | 1091 | 1074 | 1057 | 1042 | 1029 | 1017 | 1006 | 998  | 992  | 988  | 987  |  |  |  |  |
| 10                | 956  | 923  | 891  | 861  | 835  | 811  | 791  | 774  | 760  | 750  | 728  | 709  | 694  | 682  | 675  |  |  |  |  |
| 15                | 715  | 682  | 650  | 619  | 588  | 560  | 533  | 511  | 494  | 482  | 474  | 470  | 455  | 441  | 431  |  |  |  |  |
| 20                | 445  | 429  | 413  | 399  | 386  | 373  | 355  | 334  | 316  | 300  | 292  | 289  | 289  | 279  | 269  |  |  |  |  |
| 25                | 303  | 282  | 261  | 242  | 225  | 213  | 209  | 206  | 203  | 188  | 176  | 171  | 171  | 172  | 162  |  |  |  |  |
| 30                | 168  | 157  | 146  | 136  | 129  | 120  | 111  | 98.7 | 93.4 | 94.5 | 90.2 | 80.5 | 78.1 | 83.4 | 78.3 |  |  |  |  |
| 35                | 88.4 | 77.1 | 62.5 | 45.8 | 31.3 | 36.9 | 40.5 | 36.2 | 24.8 | 19.4 | 23.9 | 21.1 | 15.7 | 18.7 | 18.7 |  |  |  |  |
| 40                | 19.3 | 21.9 | 21.7 | 17.8 | 11.4 | 6.18 | 4.13 | 6.48 | 6.02 | 4.63 | 4.33 | 5.07 | 4.88 | 5.04 | 5.45 |  |  |  |  |
| 45                | 4.62 | 3.49 | 2.68 | 2.10 | 2.47 | 2.58 | 2.39 | 2.02 | 2.03 | 2.41 | 2.41 | 2.61 | 2.90 | 3.06 | 3.25 |  |  |  |  |
| 50                | 2.33 | 2.19 | 1.98 | 1.81 | 1.72 | 1.62 | 1.54 | 1.62 | 1.68 | 1.73 | 1.94 | 2.12 | 2.35 | 2.58 | 2.74 |  |  |  |  |
| 55                | 1.83 | 1.75 | 1.65 | 1.59 | 1.52 | 1.47 | 1.44 | 1.41 | 1.41 | 1.52 | 1.63 | 1.82 | 2.01 | 2.27 | 2.43 |  |  |  |  |
| 60                | 1.70 | 1.66 | 1.62 | 1.57 | 1.50 | 1.43 | 1.36 | 1.34 | 1.34 | 1.34 | 1.44 | 1.58 | 1.79 | 2.01 | 2.19 |  |  |  |  |
| 65                | 1.66 | 1.63 | 1.59 | 1.54 | 1.49 | 1.45 | 1.40 | 1.35 | 1.32 | 1.32 | 1.32 | 1.43 | 1.61 | 1.82 | 2.04 |  |  |  |  |
| 70                | 1.64 | 1.60 | 1.58 | 1.55 | 1.51 | 1.48 | 1.44 | 1.40 | 1.36 | 1.32 | 1.31 | 1.33 | 1.45 | 1.66 | 1.88 |  |  |  |  |
| 75                | 1.57 | 1.55 | 1.53 | 1.52 | 1.50 | 1.49 | 1.47 | 1.45 | 1.41 | 1.36 | 1.33 | 1.32 | 1.34 | 1.48 | 1.71 |  |  |  |  |
| 80                | 1.49 | 1.47 | 1.46 | 1.45 | 1.43 | 1.42 | 1.41 | 1.41 | 1.41 | 1.41 | 1.36 | 1.32 | 1.29 | 1.31 | 1.52 |  |  |  |  |
| 85                | 0.05 | 0.09 | 0.15 | 0.22 | 0.31 | 0.42 | 0.56 | 0.74 | 0.97 | 1.28 | 1.29 | 1.28 | 1.22 | 1.14 | 1.10 |  |  |  |  |
| 90                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |

H(B) Range:-90 - 90DEG  
H(B) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:AED  
Test Date:2024-03-26

V(B) Range:-80 - 80DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:5.780m [K=1.0000]  
Remarks: