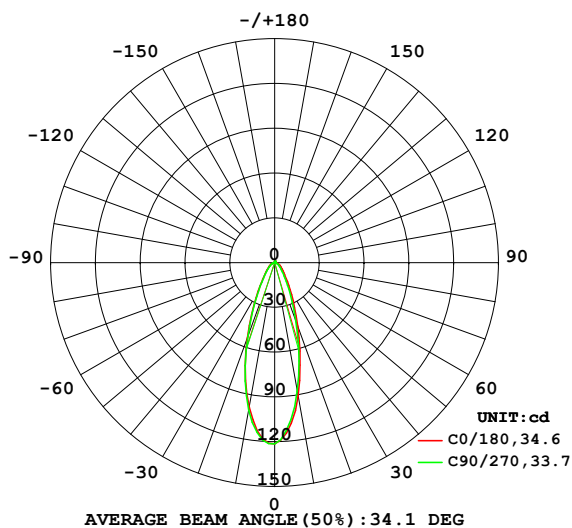


LUMINAIRE PHOTOMETRIC TEST REPORT

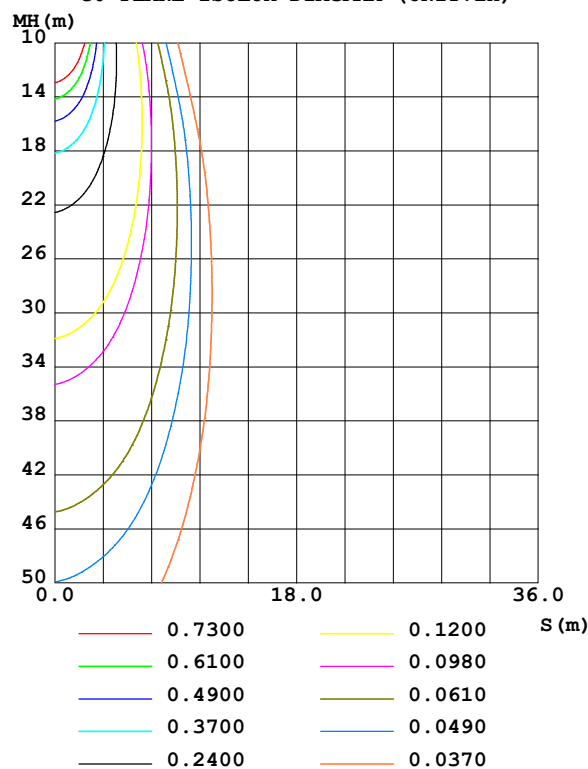
|                           |               |                  |
|---------------------------|---------------|------------------|
| NAME: FW26212406RGB-B0030 | TYPE:         | WEIGHT:          |
| SPEC.:                    | DIM.:         | SERIAL No.:      |
| MFR.:                     | SUR.: 0.026*1 | Shielding Angle: |

| DATA OF LAMP     |         | PHOTOMETRIC DATA Eff: 11.22 lm/W |        |                   |          |
|------------------|---------|----------------------------------|--------|-------------------|----------|
| MODEL            | B       | Imax (cd)                        | 121.7  | S/MH(C0/180)      | 0.60     |
| NOMINAL POWER(W) | 6       | LOR(%)                           | 100.0  | S/MH(C90/270)     | 0.60     |
| RATED VOLTAGE(V) | 24      | TOTAL FLUX(lm)                   | 67.807 | □ UP,DN(C0-180)   | 0.7,46.6 |
| NOMINAL FLUX(lm) | 2.82531 | CIE CLASS                        | DIRECT | □ UP,DN(C180-360) | 0.5,52.2 |
| LAMPS INSIDE     | 24      | □ up (%)                         | 1.2    | CIBSE SHR NOM     | 0.50     |
| TEST VOLTAGE(V)  | 24      | □ down (%)                       | 98.8   | CIBSE SHR MAX     | 0.60     |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-05-17

□ Range: 0 - 180DEG  
□ Interval: 2.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity:65.0%  
Test Distance:5.749m [K=1.0000]  
Remarks:

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

| °   | C0                    | C45    | C90    | C135   | C180   | C225   | C270   | C315   | °       | zone    | total | %lum, lamp |
|-----|-----------------------|--------|--------|--------|--------|--------|--------|--------|---------|---------|-------|------------|
| 10  | 90.80                 | 85.00  | 87.53  | 95.38  | 98.63  | 103.2  | 100.3  | 93.46  | 0- 10   | 10.21   | 10.21 | 15.1,15.1  |
| 20  | 45.37                 | 39.76  | 41.88  | 48.59  | 53.53  | 57.40  | 52.39  | 47.05  | 10- 20  | 19.46   | 29.67 | 43.8,43.8  |
| 30  | 21.00                 | 17.50  | 17.37  | 19.61  | 22.44  | 23.52  | 21.79  | 20.75  | 20- 30  | 14.77   | 44.44 | 65.5,65.5  |
| 40  | 10.47                 | 9.043  | 8.290  | 9.342  | 10.25  | 10.51  | 9.863  | 10.18  | 30- 40  | 8.817   | 53.26 | 78.5,78.5  |
| 50  | 6.530                 | 5.696  | 4.603  | 5.494  | 5.865  | 5.961  | 5.253  | 6.251  | 40- 50  | 5.775   | 59.03 | 87.1,87.1  |
| 60  | 4.274                 | 3.387  | 2.805  | 3.338  | 3.629  | 3.541  | 3.037  | 3.682  | 50- 60  | 4.001   | 63.03 | 93,93      |
| 70  | 2.398                 | 1.779  | 1.440  | 1.755  | 2.013  | 1.935  | 1.661  | 2.003  | 60- 70  | 2.593   | 65.62 | 96.8,96.8  |
| 80  | 0.6520                | 0.4392 | 0.2556 | 0.4615 | 0.6114 | 0.6331 | 0.4650 | 0.6346 | 70- 80  | 1.227   | 66.85 | 98.6,98.6  |
| 90  | 0                     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 80- 90  | 0.1755  | 67.03 | 98.8,98.8  |
| 100 | 0                     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 90-100  | 0.0000  | 67.03 | 98.8,98.8  |
| 110 | 0.0118                | 0.0118 | 0.0072 | 0.0118 | 0.0071 | 0.0047 | 0.0024 | 0.0048 | 100-110 | 0.0024  | 67.03 | 98.9,98.9  |
| 120 | 0.0402                | 0.0331 | 0.0288 | 0.0356 | 0.0355 | 0.0237 | 0.0193 | 0.0237 | 110-120 | 0.0182  | 67.05 | 98.9,98.9  |
| 130 | 0.0874                | 0.0804 | 0.0744 | 0.0806 | 0.0734 | 0.0569 | 0.0505 | 0.0570 | 120-130 | 0.0427  | 67.09 | 98.9,98.9  |
| 140 | 0.1843                | 0.1892 | 0.1752 | 0.1659 | 0.1420 | 0.1161 | 0.1154 | 0.1283 | 130-140 | 0.0814  | 67.17 | 99.1,99.1  |
| 150 | 0.3758                | 0.4021 | 0.3769 | 0.3367 | 0.2770 | 0.2463 | 0.2477 | 0.2850 | 140-150 | 0.1406  | 67.31 | 99.3,99.3  |
| 160 | 0.6573                | 0.7145 | 0.6867 | 0.6000 | 0.5065 | 0.4477 | 0.4880 | 0.5555 | 150-160 | 0.2020  | 67.51 | 99.6,99.6  |
| 170 | 0.9529                | 0.9844 | 0.9607 | 0.8705 | 0.8188 | 0.7412 | 0.7834 | 0.8568 | 160-170 | 0.2023  | 67.72 | 99.9,99.9  |
| 180 | 1.095                 | 1.056  | 1.055  | 1.077  | 1.095  | 1.053  | 1.055  | 1.077  | 170-180 | 0.0912  | 67.81 | 100,100    |
| DEG | LUMINOUS INTENSITY:cd |        |        |        |        |        |        |        |         | UNIT:lm |       |            |

Conical surface Flux(90deg): 56.962 lm

%lum = 84.0%

%lamp = 84.0%

Conical surface Flux(120deg): 63.031 lm

%lum = 93.0%

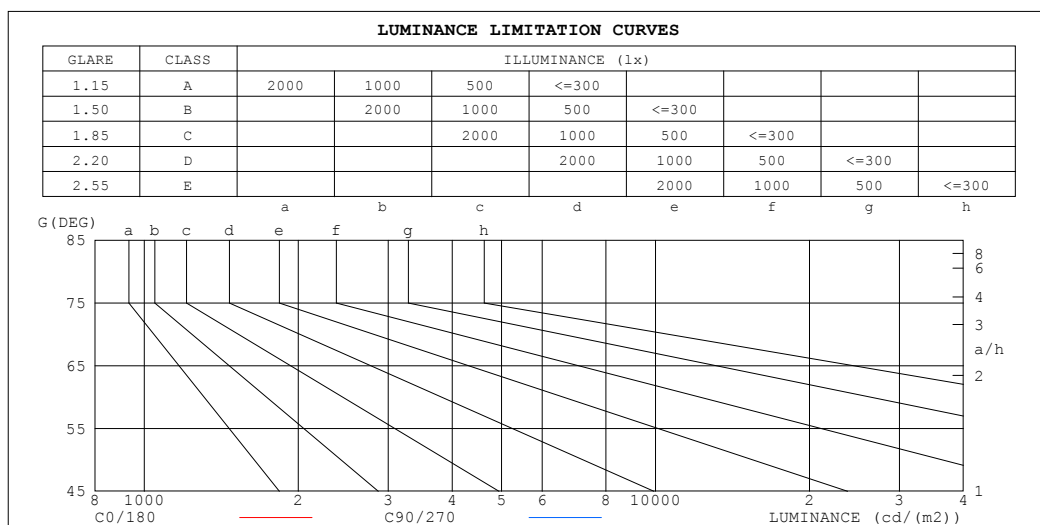
%lamp = 93.0%

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-05-17

Range: 0 - 180DEG  
Interval: 2.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity:65.0%  
Test Distance:5.749m [K=1.0000]  
Remarks:

**LUMINANCE LIMITATION CURVES**

|                           |               |                  |
|---------------------------|---------------|------------------|
| NAME: FW26212406RGB-B0030 | TYPE:         | WEIGHT:          |
| SPEC.:                    | DIM.:         | SERIAL No.:      |
| MFR.:                     | SUR.: 0.026*1 | Shielding Angle: |



| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G (DEG)           | C0/180 | C90/270 |
| 85                | 60     | 10      |
| 80                | 145    | 56      |
| 75                | 238    | 131     |
| 70                | 271    | 160     |
| 65                | 326    | 205     |
| 60                | 331    | 214     |
| 55                | 367    | 249     |
| 50                | 393    | 273     |
| 45                | 466    | 347     |

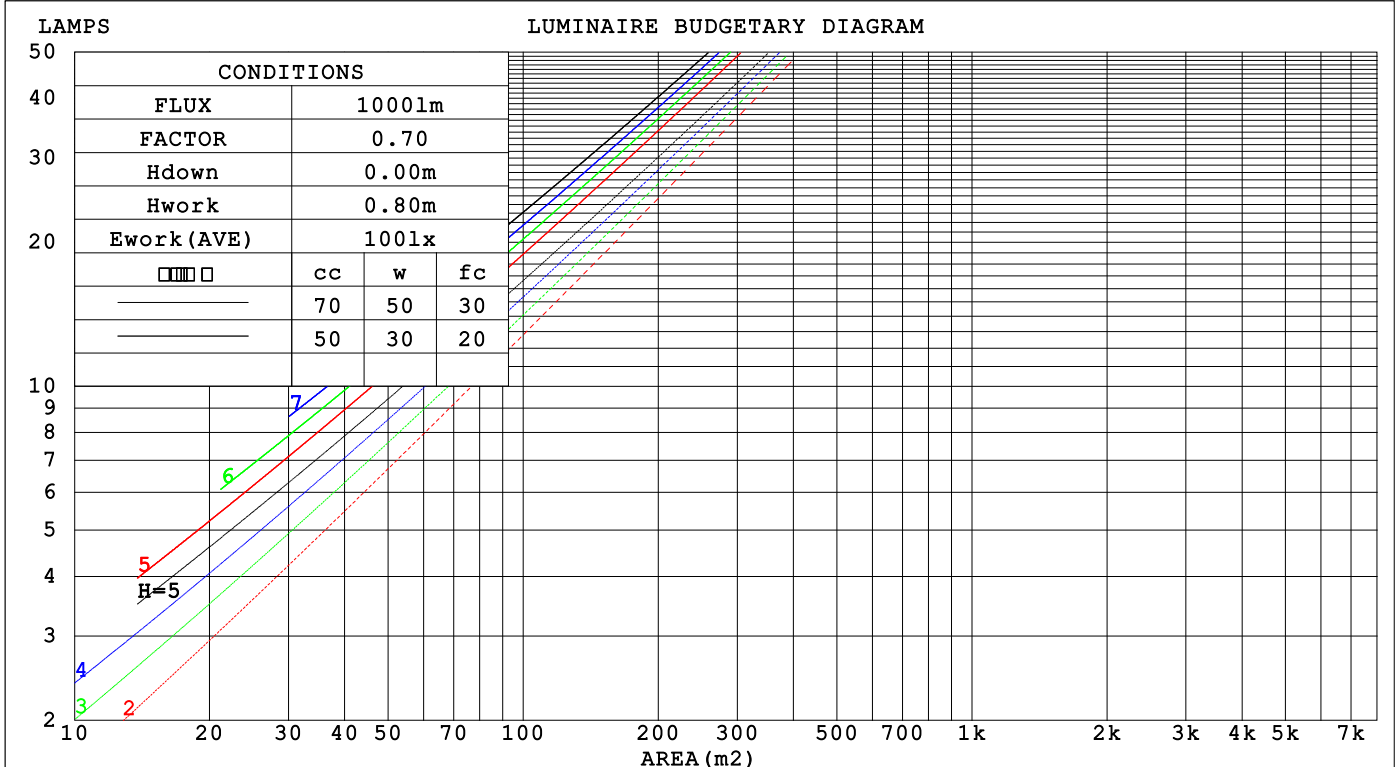
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-05-17

☐ Range: 0 - 180DEG  
☐ Interval: 2.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity:65.0%  
Test Distance:5.749m [K=1.0000]  
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

|                           |               |                  |
|---------------------------|---------------|------------------|
| NAME: FW26212406RGB-B0030 | TYPE:         | WEIGHT:          |
| SPEC.:                    | DIM.:         | SERIAL No.:      |
| MFR.:                     | SUR.: 0.026*1 | Shielding Angle: |

| □cc  | 80%                   |      |      | 70%  |      |      | 50%  |      |      | 30%  |      |      | 10%  |      |      | 0                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|------|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| □w   | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| □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 | 1.10 | 1.10 | 1.10 | 1.06 | 1.06 | 1.06 | 1.01 | 1.01 | 1.01 | .99                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1.0  | 1.09                  | 1.06 | 1.04 | 1.07 | 1.04 | 1.02 | 1.03 | 1.01 | .99  | .99  | .97  | .96  | .95  | .94  | .93  | .91                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2.0  | 1.01                  | .96  | .92  | .99  | .95  | .91  | .95  | .92  | .89  | .92  | .89  | .87  | .89  | .87  | .85  | .83                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3.0  | .93                   | .88  | .83  | .92  | .87  | .82  | .89  | .84  | .81  | .86  | .83  | .80  | .84  | .81  | .78  | .76                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4.0  | .87                   | .81  | .76  | .85  | .80  | .75  | .83  | .78  | .74  | .81  | .77  | .73  | .79  | .75  | .72  | .71                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5.0  | .81                   | .75  | .70  | .80  | .74  | .70  | .78  | .73  | .69  | .76  | .72  | .68  | .74  | .71  | .68  | .66                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6.0  | .76                   | .70  | .65  | .75  | .69  | .65  | .73  | .68  | .64  | .72  | .67  | .64  | .70  | .66  | .63  | .62                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7.0  | .72                   | .65  | .61  | .71  | .65  | .61  | .69  | .64  | .60  | .68  | .63  | .60  | .67  | .63  | .59  | .58                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8.0  | .68                   | .62  | .57  | .67  | .61  | .57  | .66  | .61  | .57  | .65  | .60  | .56  | .64  | .59  | .56  | .55                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9.0  | .64                   | .58  | .54  | .64  | .58  | .54  | .63  | .57  | .54  | .62  | .57  | .53  | .61  | .56  | .53  | .52                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10.0 | .61                   | .55  | .51  | .61  | .55  | .51  | .60  | .55  | .51  | .59  | .54  | .51  | .58  | .54  | .51  | .49                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-05-17

□ Range: 0 - 180DEG  
□ Interval: 2.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity:65.0%  
Test Distance:5.749m [K=1.0000]  
Remarks:

### WEC AND CCEC

|                           |               |                  |
|---------------------------|---------------|------------------|
| NAME: FW26212406RGB-B0030 | TYPE:         | WEIGHT:          |
| SPEC.:                    | DIM.:         | SERIAL No.:      |
| MFR.:                     | SUR.: 0.026*1 | Shielding Angle: |

|                             |   |                |                |                |                |   |
|-----------------------------|---|----------------|----------------|----------------|----------------|---|
| <input type="checkbox"/> cc | 80%   | 70%            | 50%            | 30%            | 10%            | 0 |
| <input type="checkbox"/> w  | 50% 30% 10%   | 50% 30% 10%    | 50% 30% 10%    | 50% 30% 10%    | 50% 30% 10%    | 0 |
| <input type="checkbox"/> fc | 20%   | 20%            | 20%            | 20%            | 20%            | 0 |
| RCR                         | RCR:Room Cavity Ratio Wall Exitance Coefficients(WEC) |                |                |                |                |   |
| 0.0                         |   |                |                |                |                |   |
| 1.0                         | .201 .114 .036  | .194 .111 .035 | .181 .104 .033 | .168 .097 .031 | .157 .091 .029 |   |
| 2.0                         | .192 .105 .032  | .186 .102 .031 | .174 .097 .030 | .164 .092 .029 | .154 .087 .027 |   |
| 3.0                         | .180 .096 .029  | .175 .094 .028 | .165 .090 .027 | .156 .086 .026 | .148 .082 .025 |   |
| 4.0                         | .169 .088 .026  | .165 .086 .025 | .156 .083 .025 | .148 .080 .024 | .141 .077 .023 |   |
| 5.0                         | .159 .081 .023  | .155 .080 .023 | .148 .077 .023 | .141 .074 .022 | .134 .072 .022 |   |
| 6.0                         | .150 .075 .022  | .146 .074 .021 | .140 .072 .021 | .134 .069 .020 | .128 .067 .020 |   |
| 7.0                         | .142 .070 .020  | .139 .069 .020 | .133 .067 .019 | .127 .065 .019 | .122 .063 .019 |   |
| 8.0                         | .134 .066 .018  | .131 .065 .018 | .126 .063 .018 | .121 .061 .018 | .117 .060 .017 |   |
| 9.0                         | .127 .062 .017  | .125 .061 .017 | .120 .059 .017 | .116 .058 .017 | .112 .057 .016 |   |
| 10.0                        | .121 .058 .016  | .119 .057 .016 | .115 .056 .016 | .111 .055 .016 | .107 .054 .015 |   |

|                             |  |                |                |                |                |   |
|-----------------------------|--|----------------|----------------|----------------|----------------|---|
| <input type="checkbox"/> cc | 80%  | 70%            | 50%            | 30%            | 10%            | 0 |
| <input type="checkbox"/> w  | 50% 30% 10%  | 50% 30% 10%    | 50% 30% 10%    | 50% 30% 10%    | 50% 30% 10%    | 0 |
| <input type="checkbox"/> fc | 20%  | 20%            | 20%            | 20%            | 20%            | 0 |
| RCR                         | RCR:Room Cavity Ratio Ceiling Cavity Exitance Coefficients(CCEC) |                |                |                |                |   |
| 0.0                         | .199 .199 .199   | .170 .170 .170 | .116 .116 .116 | .067 .067 .067 | .021 .021 .021 |   |
| 1.0                         | .182 .166 .152   | .155 .142 .131 | .106 .098 .090 | .061 .057 .053 | .020 .018 .017 |   |
| 2.0                         | .168 .141 .119   | .144 .122 .103 | .098 .084 .072 | .057 .049 .042 | .018 .016 .014 |   |
| 3.0                         | .156 .123 .096   | .134 .106 .083 | .092 .074 .058 | .053 .043 .034 | .017 .014 .011 |   |
| 4.0                         | .146 .108 .079   | .125 .093 .069 | .086 .065 .048 | .050 .038 .029 | .016 .012 .009 |   |
| 5.0                         | .137 .097 .067   | .118 .084 .058 | .081 .058 .041 | .047 .034 .024 | .015 .011 .008 |   |
| 6.0                         | .130 .088 .057   | .112 .076 .050 | .077 .053 .035 | .045 .031 .021 | .014 .010 .007 |   |
| 7.0                         | .123 .080 .050   | .106 .069 .044 | .073 .049 .031 | .042 .029 .018 | .014 .009 .006 |   |
| 8.0                         | .117 .074 .044   | .101 .064 .039 | .070 .045 .027 | .040 .027 .016 | .013 .009 .005 |   |
| 9.0                         | .111 .069 .040   | .096 .060 .035 | .066 .042 .025 | .039 .025 .015 | .013 .008 .005 |   |
| 10.0                        | .106 .064 .036   | .092 .056 .032 | .064 .039 .022 | .037 .023 .013 | .012 .008 .004 |   |

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-05-17

☐ Range: 0 - 180DEG  
☐ Interval: 2.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity:65.0%  
Test Distance:5.749m [K=1.0000]  
Remarks:

### UGR(Unified Glare Rating) Table

|   |     |     |     |     |                  |      |      |      |      |                  |      |      |      |      |
|---|-----|-----|-----|-----|------------------|------|------|------|------|------------------|------|------|------|------|
| NAME: FW26212406RGB-B0030                                       |     |     |     |     | TYPE:            |      |      |      |      | WEIGHT:          |      |      |      |      |
| SPEC.:  |     |     |     |     | DIM.:            |      |      |      |      | SERIAL No.:      |      |      |      |      |
| MFR.:   |     |     |     |     | SUR.: 0.026*1    |      |      |      |      | Shielding Angle: |      |      |      |      |
| 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   |     |     |     |     | 15.7             | 16.7 | 16.0 | 16.9 | 17.1 | 14.1             | 15.1 | 14.3 | 15.3 | 15.4 |
| 3H  |     |     |     |     | 16.8             | 17.8 | 17.1 | 18.0 | 18.2 | 14.8             | 15.8 | 15.1 | 16.0 | 16.2 |
| 4H  |     |     |     |     | 17.2             | 18.1 | 17.5 | 18.3 | 18.6 | 15.0             | 15.9 | 15.3 | 16.1 | 16.4 |
| 6H  |     |     |     |     | 17.4             | 18.2 | 17.7 | 18.5 | 18.7 | 15.0             | 15.9 | 15.3 | 16.1 | 16.4 |
| 8H  |     |     |     |     | 17.4             | 18.2 | 17.7 | 18.4 | 18.7 | 15.0             | 15.8 | 15.3 | 16.1 | 16.4 |
| 12H   |     |     |     |     | 17.3             | 18.1 | 17.7 | 18.4 | 18.7 | 14.9             | 15.7 | 15.3 | 16.0 | 16.3 |
| 4H 2H   |     |     |     |     | 16.0             | 16.8 | 16.3 | 17.1 | 17.3 | 14.6             | 15.5 | 14.9 | 15.7 | 16.0 |
| 3H  |     |     |     |     | 17.2             | 18.0 | 17.6 | 18.3 | 18.6 | 15.5             | 16.3 | 15.8 | 16.6 | 16.9 |
| 4H  |     |     |     |     | 17.7             | 18.4 | 18.1 | 18.7 | 19.1 | 15.7             | 16.4 | 16.1 | 16.8 | 17.1 |
| 6H  |     |     |     |     | 18.0             | 18.6 | 18.4 | 18.9 | 19.3 | 15.8             | 16.4 | 16.2 | 16.8 | 17.1 |
| 8H  |     |     |     |     | 18.0             | 18.6 | 18.4 | 18.9 | 19.3 | 15.7             | 16.3 | 16.2 | 16.7 | 17.1 |
| 12H   |     |     |     |     | 17.9             | 18.5 | 18.4 | 18.9 | 19.3 | 15.7             | 16.2 | 16.1 | 16.6 | 17.0 |
| 8H 4H   |     |     |     |     | 17.7             | 18.3 | 18.1 | 18.7 | 19.1 | 15.9             | 16.5 | 16.3 | 16.9 | 17.2 |
| 6H  |     |     |     |     | 18.1             | 18.5 | 18.5 | 18.9 | 19.4 | 16.0             | 16.4 | 16.4 | 16.9 | 17.3 |
| 8H  |     |     |     |     | 18.1             | 18.5 | 18.6 | 19.0 | 19.4 | 15.9             | 16.3 | 16.4 | 16.8 | 17.3 |
| 12H   |     |     |     |     | 18.1             | 18.4 | 18.6 | 18.9 | 19.4 | 15.9             | 16.2 | 16.4 | 16.7 | 17.2 |
| 12H 4H  |     |     |     |     | 17.7             | 18.2 | 18.1 | 18.6 | 19.0 | 15.9             | 16.4 | 16.3 | 16.8 | 17.2 |
| 6H  |     |     |     |     | 18.0             | 18.4 | 18.5 | 18.9 | 19.3 | 16.0             | 16.4 | 16.4 | 16.8 | 17.3 |
| 8H  |     |     |     |     | 18.1             | 18.4 | 18.6 | 18.9 | 19.4 | 15.9             | 16.3 | 16.4 | 16.7 | 17.2 |
| Variations with the observer position at spacings(CIE Pub.117): |     |     |     |     |                  |      |      |      |      |                  |      |      |      |      |
| S = 1.0H  |     |     |     |     | + 0.3 / - 0.4    |      |      |      |      | + 0.5 / - 0.7    |      |      |      |      |
| 1.5H  |     |     |     |     | + 0.4 / - 0.3    |      |      |      |      | + 0.4 / - 0.6    |      |      |      |      |
| 2.0H  |     |     |     |     | + 0.8 / - 0.7    |      |      |      |      | + 0.7 / - 0.8    |      |      |      |      |

CIE Pub.117, 67.81 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -9.3)  
Area: 0.026 m2

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-05-17

☐ Range: 0 - 180DEG  
☐ Interval: 2.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity:65.0%  
Test Distance:5.749m [K=1.0000]  
Remarks:

### UTILIZATION FACTORS TABLE

|                           |               |                  |
|---------------------------|---------------|------------------|
| NAME: FW26212406RGB-B0030 | TYPE:         | WEIGHT:          |
| SPEC.:                    | DIM.:         | SERIAL No.:      |
| MFR.:                     | SUR.: 0.026*1 | Shielding Angle: |

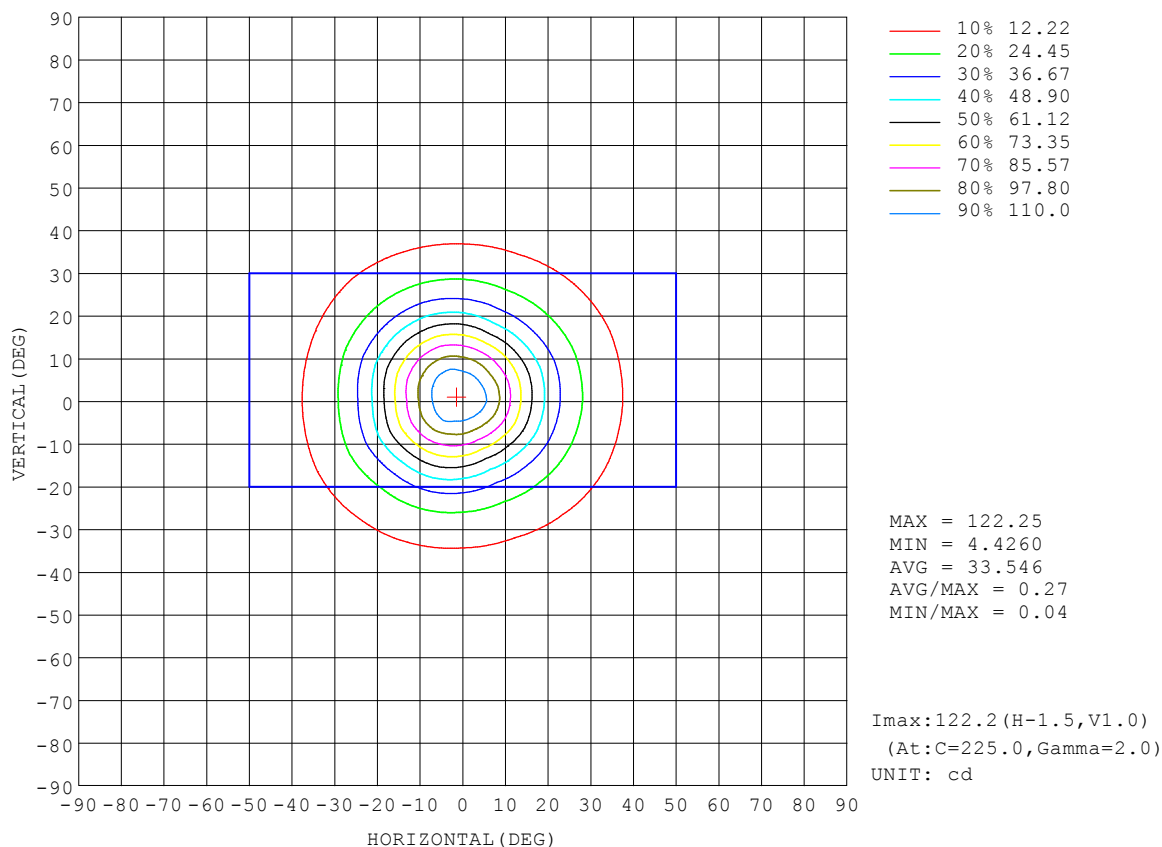
| REFLECTANCE                      |  |     |           |     |     |     |     |               |     |        |
|----------------------------------|--|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling                          | 0.8  | 0.8 | 0.8       | 0.7 | 0.7 | 0.7 | 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) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |               |     |        |
| $k = 0.60$                       | 78   | 70  | 66        | 78  | 70  | 65  | 77  | 70            | 65  | 61     |
| 0.80                             | 87   | 79  | 74        | 86  | 79  | 74  | 84  | 78            | 74  | 69     |
| 1.00                             | 92   | 85  | 80        | 91  | 85  | 80  | 89  | 85            | 79  | 74     |
| 1.25                             | 97   | 90  | 86        | 96  | 90  | 86  | 94  | 88            | 85  | 79     |
| 1.50                             | 101  | 94  | 90        | 99  | 94  | 89  | 97  | 92            | 88  | 83     |
| 2.00                             | 104  | 99  | 95        | 103 | 98  | 94  | 100 | 96            | 93  | 86     |
| 2.50                             | 107  | 102 | 98        | 105 | 101 | 97  | 102 | 98            | 95  | 88     |
| 3.00                             | 109  | 105 | 101       | 107 | 103 | 100 | 103 | 100           | 98  | 90     |
| 4.00                             | 111  | 108 | 105       | 109 | 106 | 104 | 105 | 103           | 101 | 93     |
| 5.00                             | 113  | 110 | 108       | 111 | 108 | 106 | 106 | 104           | 103 | 94     |
| ROOM INDEX                       | UF (total)   |     |           |     |     |     |     |               |     | Direct |
| According to DIN EN 13032-2 2004 |  |     | Suspended |     |     |     |     | SHRNOM = 1.25 |     |        |

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2022-05-17

☐ Range: 0 - 180DEG  
☐ Interval: 2.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity: 65.0%  
Test Distance: 5.749m [K=1.0000]  
Remarks:

# ISOCANDELA DIAGRAM

|                           |               |                  |
|---------------------------|---------------|------------------|
| NAME: FW26212406RGB-B0030 | TYPE:         | WEIGHT:          |
| SPEC.:                    | DIM.:         | SERIAL No.:      |
| MFR.:                     | SUR.: 0.026*1 | Shielding Angle: |



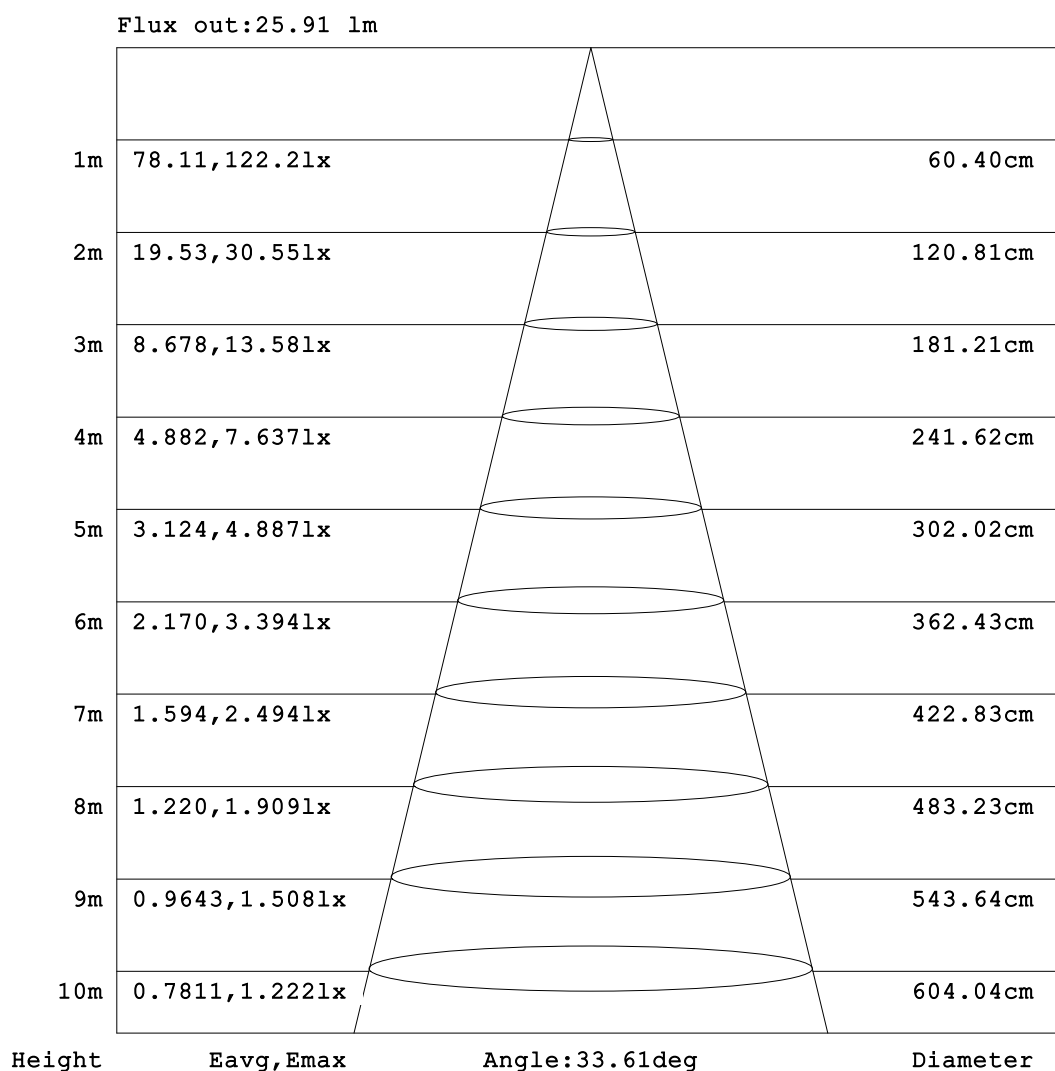
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-05-17

☐ Range: 0 - 180DEG  
☐ Interval: 2.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity:65.0%  
Test Distance:5.749m [K=1.0000]  
Remarks:



### AAI Figure

|                           |               |                  |
|---------------------------|---------------|------------------|
| NAME: FW26212406RGB-B0030 | TYPE:         | WEIGHT:          |
| SPEC.:                    | DIM.:         | SERIAL No.:      |
| MFR.:                     | SUR.: 0.026*1 | Shielding Angle: |



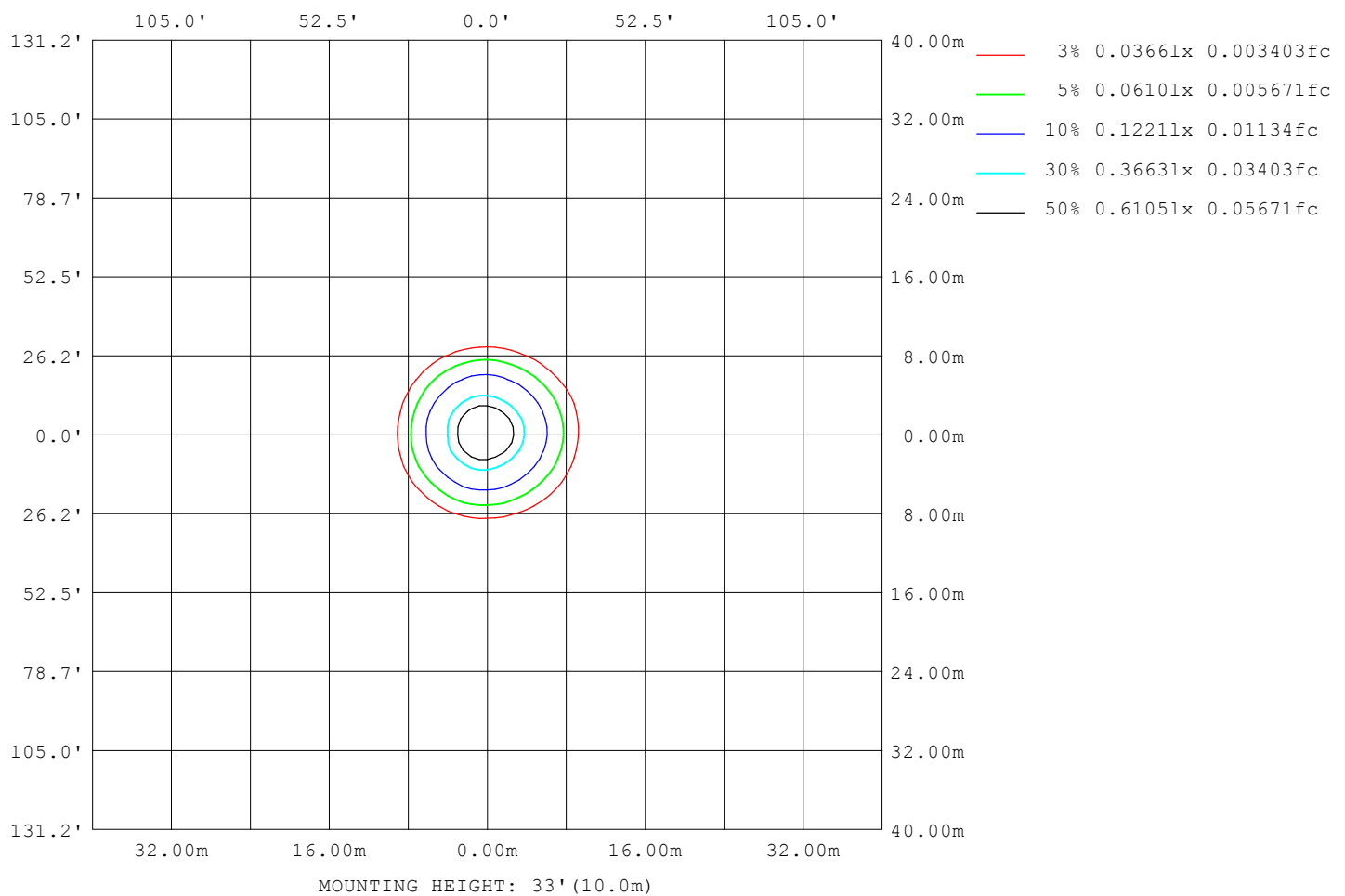
**Note:**The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-05-17

☐ Range: 0 - 180DEG  
☐ Interval: 2.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity:65.0%  
Test Distance:5.749m [K=1.0000]  
Remarks:

### ISOLUX DIAGRAM

|                           |               |                  |
|---------------------------|---------------|------------------|
| NAME: FW26212406RGB-B0030 | TYPE:         | WEIGHT:          |
| SPEC.:                    | DIM.:         | SERIAL No.:      |
| MFR.:                     | SUR.: 0.026*1 | Shielding Angle: |



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2022-05-17

☐ Range: 0 - 180DEG  
☐ Interval: 2.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity: 65.0%  
Test Distance: 5.749m [K=1.0000]  
Remarks:

## LED Avg.L Report

|                           |               |                  |
|---------------------------|---------------|------------------|
| NAME: FW26212406RGB-B0030 | TYPE:         | WEIGHT:          |
| SPEC.:                    | DIM.:         | SERIAL No.:      |
| MFR.:                     | SUR.: 0.026*1 | Shielding Angle: |

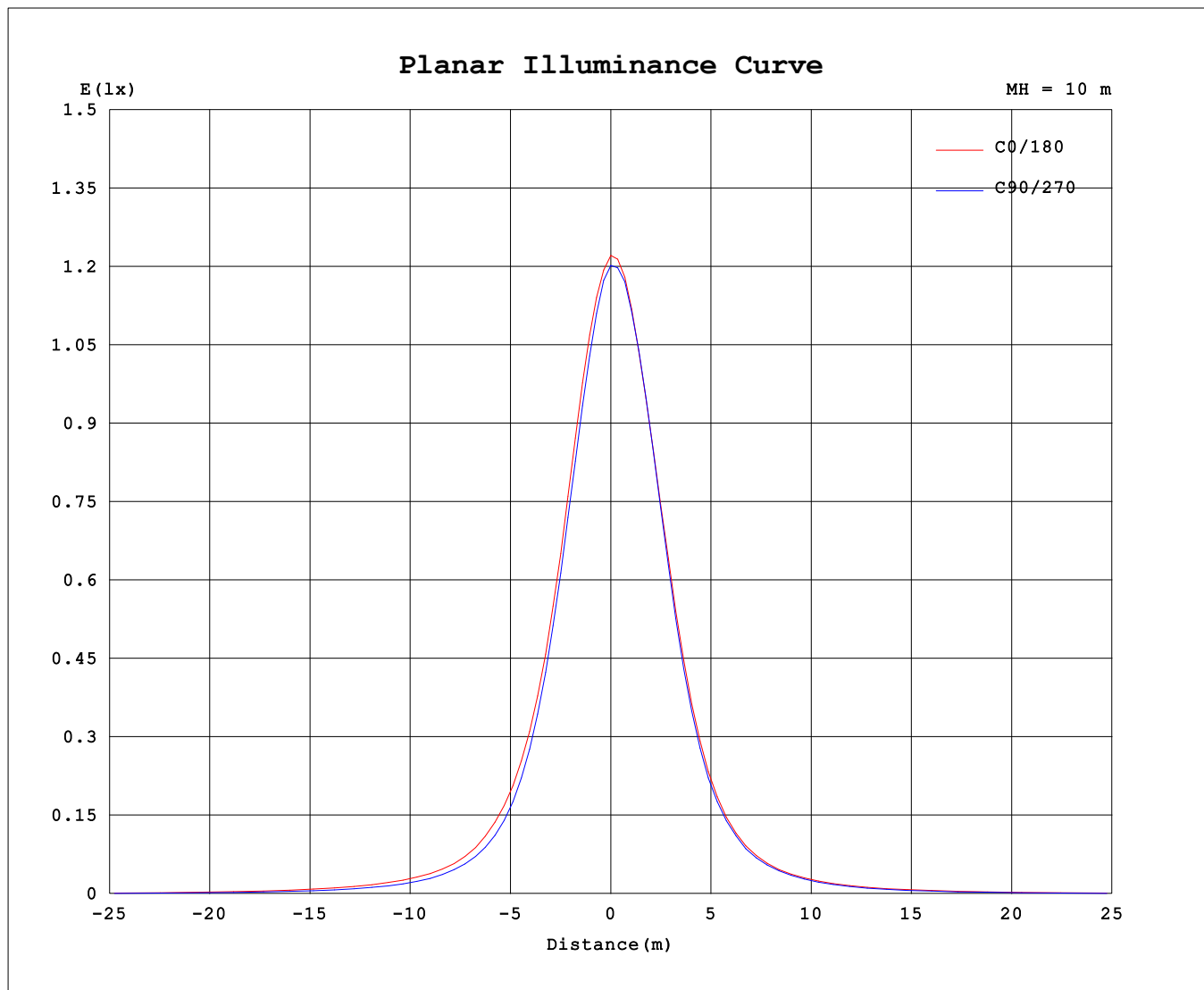
| AvgL             | cd/m2 |
|------------------|-------|
| L_0~180 (65) av  | 279   |
| L_0~180 (75) av  | 197   |
| L_0~180 (85) av  | 44    |
| L_90~270 (65) av | 204   |
| L_90~270 (75) av | 134   |
| L_90~270 (85) av | 16    |
| L_45 (65) av     | 239   |
| L_45 (75) av     | 174   |
| L_45 (85) av     | 37    |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-05-17

☐ Range: 0 - 180DEG  
☐ Interval: 2.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity:65.0%  
Test Distance:5.749m [K=1.0000]  
Remarks:

### Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2022-05-17

☐ Range: 0 - 180DEG  
☐ Interval: 2.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
 Humidity: 65.0%  
 Test Distance: 5.749m [K=1.0000]  
 Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|                           |               |                  |
|---------------------------|---------------|------------------|
| NAME: FW26212406RGB-B0030 | TYPE:         | WEIGHT:          |
| SPEC.:                    | DIM.:         | SERIAL No.:      |
| MFR.:                     | SUR.: 0.026*1 | Shielding Angle: |

Table--1

UNIT: cd

| C (DEG)<br>□ (DEG) | 0    | 22.5 | 45   | 67.5 | 90   | 112.5 | 135  | 157.5 | 180  | 202.5 | 225  | 247.5 | 270  | 292.5 | 315  | 337.5 |  |  |  |
|--------------------|------|------|------|------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|--|--|--|
| 0                  | 121  | 121  | 121  | 121  | 121  | 121   | 121  | 121   | 121  | 121   | 121  | 121   | 121  | 121   | 121  | 121   |  |  |  |
| 5                  | 114  | 113  | 111  | 111  | 113  | 114   | 117  | 118   | 118  | 119   | 120  | 120   | 119  | 118   | 116  | 115   |  |  |  |
| 10                 | 90.8 | 88.4 | 85.0 | 83.5 | 87.5 | 91.0  | 95.4 | 98.8  | 98.6 | 102   | 103  | 103   | 100  | 97.1  | 93.5 | 93.6  |  |  |  |
| 15                 | 70.9 | 69.0 | 64.7 | 62.9 | 67.9 | 72.5  | 76.4 | 81.4  | 81.2 | 84.9  | 86.1 | 84.9  | 81.8 | 77.3  | 75.1 | 74.2  |  |  |  |
| 20                 | 45.4 | 43.3 | 39.8 | 38.2 | 41.9 | 46.0  | 48.6 | 54.3  | 53.5 | 57.5  | 57.4 | 55.4  | 52.4 | 47.6  | 47.1 | 48.0  |  |  |  |
| 25                 | 33.2 | 31.2 | 28.6 | 27.2 | 29.3 | 32.0  | 33.9 | 38.7  | 38.2 | 41.5  | 40.7 | 39.3  | 37.0 | 34.2  | 33.9 | 35.0  |  |  |  |
| 30                 | 21.0 | 19.3 | 17.5 | 16.5 | 17.4 | 18.6  | 19.6 | 22.5  | 22.4 | 23.9  | 23.5 | 22.5  | 21.8 | 20.6  | 20.7 | 21.5  |  |  |  |
| 35                 | 15.4 | 14.4 | 12.8 | 12.1 | 12.6 | 13.4  | 14.2 | 15.9  | 16.0 | 16.6  | 16.6 | 16.0  | 15.3 | 15.0  | 15.1 | 15.8  |  |  |  |
| 40                 | 10.5 | 9.86 | 9.04 | 8.34 | 8.29 | 8.90  | 9.34 | 10.2  | 10.2 | 10.4  | 10.5 | 10.0  | 9.86 | 9.72  | 10.2 | 10.8  |  |  |  |
| 45                 | 8.53 | 8.11 | 7.56 | 6.66 | 6.44 | 6.96  | 7.44 | 8.08  | 8.05 | 8.18  | 8.17 | 7.76  | 7.64 | 7.61  | 8.22 | 9.06  |  |  |  |
| 50                 | 6.53 | 6.18 | 5.70 | 4.91 | 4.60 | 5.05  | 5.49 | 5.87  | 5.86 | 6.00  | 5.96 | 5.51  | 5.25 | 5.53  | 6.25 | 6.83  |  |  |  |
| 55                 | 5.44 | 5.06 | 4.62 | 3.99 | 3.75 | 4.13  | 4.46 | 4.80  | 4.82 | 4.91  | 4.84 | 4.45  | 4.20 | 4.47  | 5.12 | 5.44  |  |  |  |
| 60                 | 4.27 | 3.75 | 3.39 | 2.86 | 2.80 | 3.00  | 3.34 | 3.54  | 3.63 | 3.63  | 3.54 | 3.24  | 3.04 | 3.20  | 3.68 | 3.99  |  |  |  |
| 65                 | 3.57 | 3.05 | 2.70 | 2.28 | 2.27 | 2.39  | 2.68 | 2.89  | 2.91 | 2.94  | 2.84 | 2.57  | 2.47 | 2.53  | 2.96 | 3.22  |  |  |  |
| 70                 | 2.40 | 2.07 | 1.78 | 1.48 | 1.44 | 1.55  | 1.75 | 1.92  | 2.01 | 2.03  | 1.93 | 1.74  | 1.66 | 1.72  | 2.00 | 2.18  |  |  |  |
| 75                 | 1.59 | 1.48 | 1.20 | 0.94 | 0.89 | 1.00  | 1.19 | 1.41  | 1.37 | 1.45  | 1.40 | 1.22  | 1.16 | 1.21  | 1.44 | 1.56  |  |  |  |
| 80                 | 0.65 | 0.69 | 0.44 | 0.28 | 0.26 | 0.31  | 0.46 | 0.65  | 0.61 | 0.69  | 0.63 | 0.52  | 0.46 | 0.50  | 0.63 | 0.76  |  |  |  |
| 85                 | 0.14 | 0.25 | 0.08 | 0.03 | 0.02 | 0.04  | 0.11 | 0.24  | 0.22 | 0.30  | 0.22 | 0.15  | 0.12 | 0.14  | 0.20 | 0.32  |  |  |  |
| 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  |  |  |  |
| 95                 | 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  |  |  |  |
| 100                | 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  |  |  |  |
| 105                | 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  |  |  |  |
| 110                | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01  | 0.01 | 0.02  | 0.01 | 0.01  | 0.00 | 0.01  | 0.00 | 0.00  | 0.00 | 0.00  |  |  |  |
| 115                | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.02  | 0.02 | 0.02  | 0.02 | 0.02  | 0.01 | 0.01  | 0.01 | 0.01  | 0.01 | 0.01  |  |  |  |
| 120                | 0.04 | 0.04 | 0.03 | 0.03 | 0.03 | 0.03  | 0.04 | 0.04  | 0.04 | 0.03  | 0.02 | 0.03  | 0.02 | 0.03  | 0.02 | 0.03  |  |  |  |
| 125                | 0.05 | 0.05 | 0.05 | 0.05 | 0.04 | 0.05  | 0.05 | 0.06  | 0.05 | 0.04  | 0.03 | 0.04  | 0.03 | 0.04  | 0.03 | 0.04  |  |  |  |
| 130                | 0.09 | 0.09 | 0.08 | 0.08 | 0.07 | 0.07  | 0.08 | 0.08  | 0.07 | 0.06  | 0.06 | 0.05  | 0.05 | 0.06  | 0.06 | 0.06  |  |  |  |
| 135                | 0.12 | 0.12 | 0.12 | 0.11 | 0.10 | 0.11  | 0.11 | 0.11  | 0.10 | 0.08  | 0.08 | 0.07  | 0.07 | 0.08  | 0.08 | 0.09  |  |  |  |
| 140                | 0.18 | 0.19 | 0.19 | 0.19 | 0.18 | 0.17  | 0.17 | 0.17  | 0.14 | 0.13  | 0.12 | 0.11  | 0.12 | 0.12  | 0.13 | 0.15  |  |  |  |
| 145                | 0.25 | 0.26 | 0.26 | 0.25 | 0.24 | 0.23  | 0.22 | 0.22  | 0.19 | 0.17  | 0.16 | 0.15  | 0.16 | 0.17  | 0.18 | 0.20  |  |  |  |
| 150                | 0.38 | 0.39 | 0.40 | 0.39 | 0.38 | 0.36  | 0.34 | 0.33  | 0.28 | 0.25  | 0.25 | 0.24  | 0.25 | 0.27  | 0.28 | 0.31  |  |  |  |
| 155                | 0.48 | 0.50 | 0.52 | 0.51 | 0.49 | 0.47  | 0.44 | 0.43  | 0.36 | 0.33  | 0.32 | 0.31  | 0.33 | 0.36  | 0.38 | 0.41  |  |  |  |
| 160                | 0.66 | 0.69 | 0.71 | 0.71 | 0.69 | 0.65  | 0.60 | 0.59  | 0.51 | 0.47  | 0.45 | 0.46  | 0.49 | 0.52  | 0.56 | 0.59  |  |  |  |
| 165                | 0.78 | 0.81 | 0.84 | 0.82 | 0.81 | 0.77  | 0.71 | 0.71  | 0.62 | 0.58  | 0.56 | 0.57  | 0.61 | 0.64  | 0.68 | 0.71  |  |  |  |
| 170                | 0.95 | 0.98 | 0.98 | 0.97 | 0.96 | 0.91  | 0.87 | 0.90  | 0.82 | 0.77  | 0.74 | 0.74  | 0.78 | 0.81  | 0.86 | 0.91  |  |  |  |
| 175                | 1.05 | 1.06 | 1.05 | 1.03 | 1.03 | 0.99  | 0.98 | 1.01  | 0.95 | 0.91  | 0.87 | 0.86  | 0.90 | 0.92  | 0.98 | 1.02  |  |  |  |
| 180                | 1.10 | 1.08 | 1.06 | 1.04 | 1.05 | 1.05  | 1.08 | 1.11  | 1.10 | 1.08  | 1.05 | 1.04  | 1.05 | 1.05  | 1.08 | 1.11  |  |  |  |

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-05-17

□ Range: 0 - 180DEG  
□ Interval: 2.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity:65.0%  
Test Distance:5.749m [K=1.0000]  
Remarks: