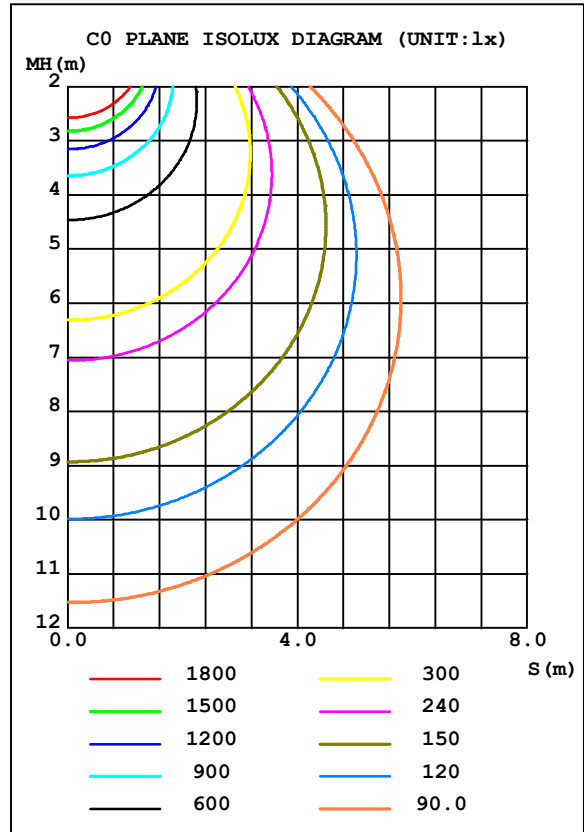
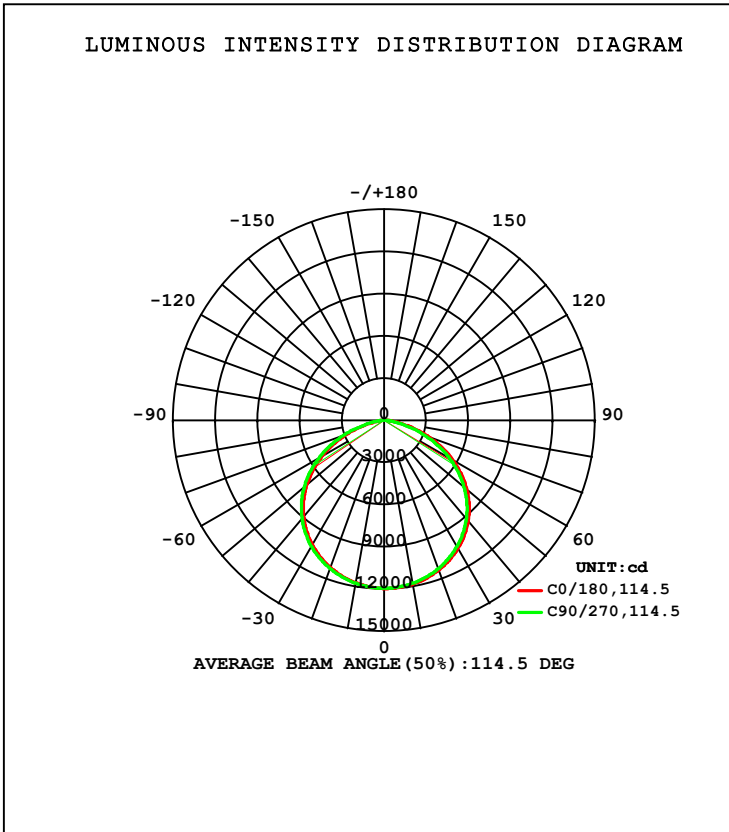


LUMINAIRE PHOTOMETRIC TEST REPORT

|  |       |                  |
|--|-------|------------------|
| Test:U:119.90V I:1.6500A P:197.40W PF:0.9980 Freq:50.00Hz Lamp Flux:34025.4x1 lm |       |                  |
| NAME:  | TYPE: | WEIGHT:          |
| SPEC.:   | DIM.: | SERIAL No.:      |
| MFR.: EVERFINE   | SUR.: | Shielding Angle: |

| DATA OF LAMP      |         | PHOTOMETRIC DATA Eff: 172.37 lm/W |        |                     |           |
|-------------------|---------|-----------------------------------|--------|---------------------|-----------|
| MODEL             |         | I <sub>max</sub> (cd)             | 11961  | S/MH (C0/180)       | 1.27      |
| NOMINAL POWER (W) | 200     | LOR (%)                           | 100.0  | S/MH (C90/270)      | 1.29      |
| RATED VOLTAGE (V) | 120     | TOTAL FLUX (lm)                   | 34025  | η UP, DN (C0-180)   | 0.0, 51.1 |
| NOMINAL FLUX (lm) | 34025.4 | CIE CLASS                         | DIRECT | η UP, DN (C180-360) | 0.0, 48.9 |
| LAMPS INSIDE      | 1       | η up (%)                          | 0.0    | CIBSE SHR NOM       | 1.25      |
| TEST VOLTAGE (V)  | 120     | η down (%)                        | 100.0  | CIBSE SHR MAX       | 1.35      |



C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: MEDIUM  
 Temperature: 25.3DEG  
 Operators: Wangzhilie  
 Test Date: 2024-01-19

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
 Humidity: 65.0%  
 Test Distance: 7.435m [K=1.0000]  
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

| γ   | C0                       | C90   | C180  | C270  |  |  |  |  | γ       | Φ zone  | Φ total | %lum, lamp |
|-----|--------------------------|-------|-------|-------|--|--|--|--|---------|---------|---------|------------|
| 10  | 1183                     | 1177  | 1173  | 1176  |  |  |  |  | 0- 10   | 1132    | 1132    | 3.33,3.33  |
| 20  | 1135                     | 1125  | 1115  | 1123  |  |  |  |  | 10- 20  | 3262    | 4394    | 12.9,12.9  |
| 30  | 1052                     | 1038  | 1023  | 1036  |  |  |  |  | 20- 30  | 5004    | 9399    | 27.6,27.6  |
| 40  | 932.3                    | 912.4 | 892.0 | 910.1 |  |  |  |  | 30- 40  | 6125    | 15524   | 45.6,45.6  |
| 50  | 770.9                    | 745.7 | 719.7 | 743.6 |  |  |  |  | 40- 50  | 6425    | 21949   | 64.5,64.5  |
| 60  | 565.8                    | 537.1 | 506.7 | 535.3 |  |  |  |  | 50- 60  | 5757    | 27706   | 81.4,81.4  |
| 70  | 329.6                    | 299.8 | 269.4 | 297.9 |  |  |  |  | 60- 70  | 4138    | 31844   | 93.6,93.6  |
| 80  | 102.1                    | 80.44 | 55.36 | 76.36 |  |  |  |  | 70- 80  | 1920    | 33763   | 99.2,99.2  |
| 90  | 0                        | 0     | 0     | 0     |  |  |  |  | 80- 90  | 262.0   | 34025   | 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:×10cd |       |       |       |  |  |  |  |         | UNIT:lm |         |            |

Conical surface Flux(90deg): 18758 lm

%lum = 55.1%

%lamp = 55.1%

Conical surface Flux(120deg): 27706 lm

%lum = 81.4%

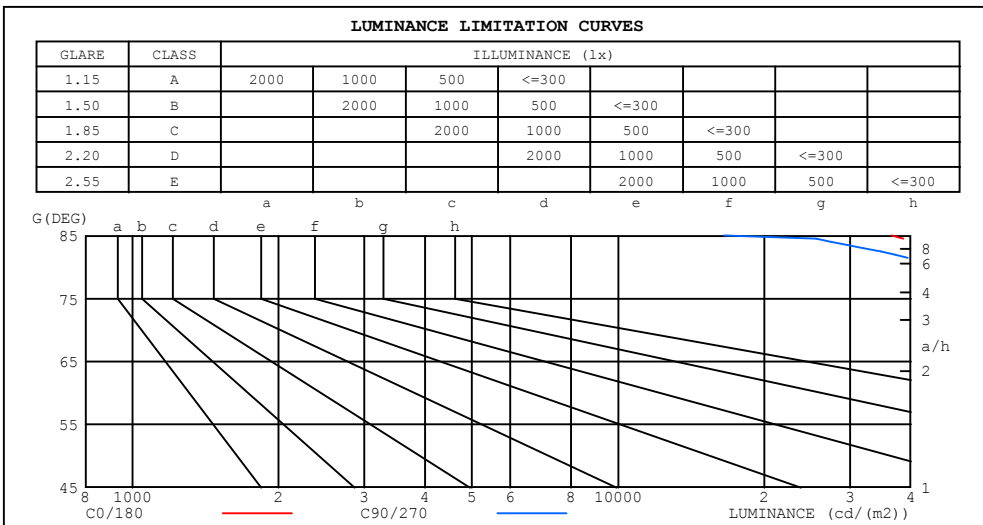
%lamp = 81.4%

C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3DEG  
 Operators:Wangzhilie  
 Test Date:2024-01-19

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:7.435m [K=1.0000]  
 Remarks:

LUMINANCE LIMITATION CURVES

|  |       |                  |
|--|-------|------------------|
| Test:U:119.90V I:1.6500A P:197.40W PF:0.9980 Freq:50.00Hz Lamp Flux:34025.4x1 lm |       |                  |
| NAME:  | TYPE: | WEIGHT:          |
| SPEC.:   | DIM.: | SERIAL No.:      |
| MFR.: EVERFINE   | SUR.: | Shielding Angle: |



| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G (DEG)           | C0/180 | C90/270 |
| 85                | 36595  | 16534   |
| 80                | 58776  | 46324   |
| 75                | 81066  | 69478   |
| 70                | 96360  | 87664   |
| 65                | 106459 | 99329   |
| 60                | 113151 | 107420  |
| 55                | 117388 | 112659  |
| 50                | 119930 | 116008  |
| 45                | 121238 | 118027  |

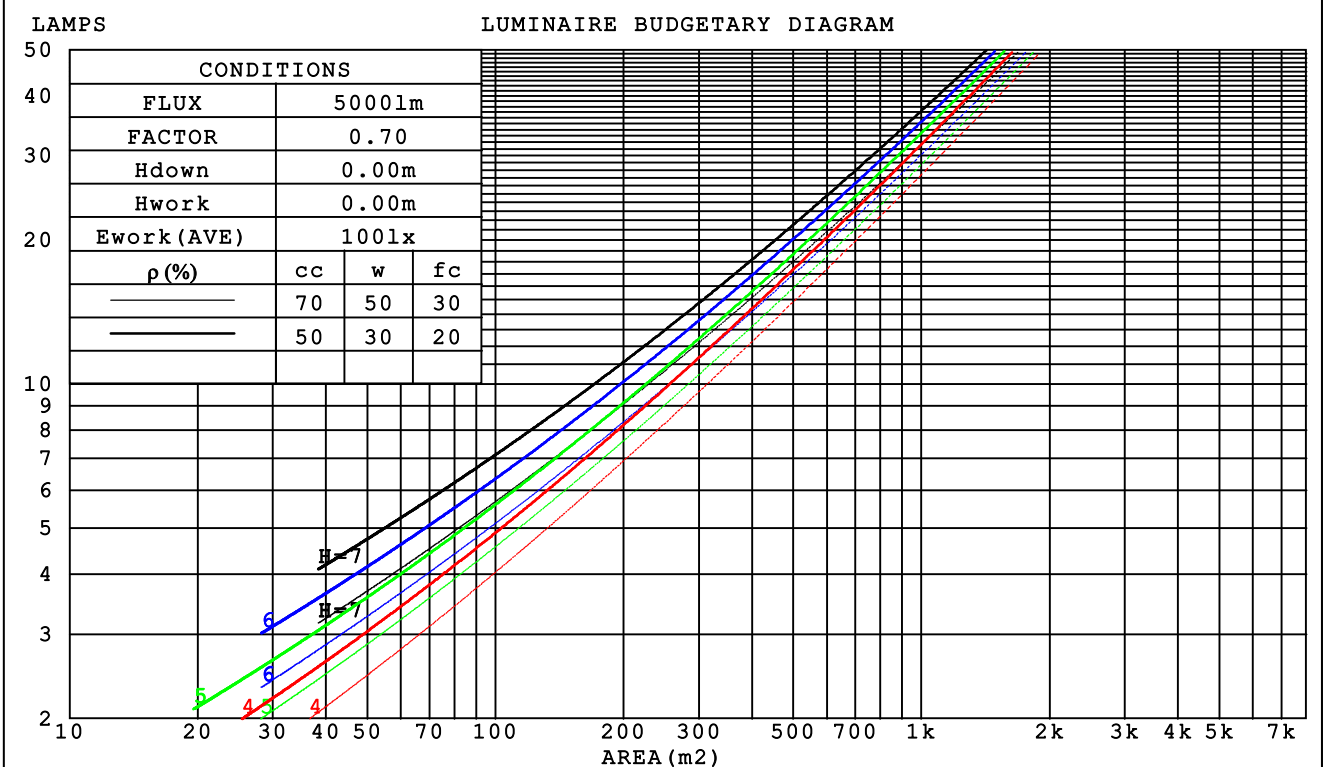
C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: MEDIUM  
 Temperature: 25.3DEG  
 Operators: Wangzhilie  
 Test Date: 2024-01-19

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
 Humidity: 65.0%  
 Test Distance: 7.435m [K=1.0000]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

|  |       |                  |
|--|-------|------------------|
| Test:U:119.90V I:1.6500A P:197.40W PF:0.9980 Freq:50.00Hz Lamp Flux:34025.4x1 lm |       |                  |
| NAME:  | TYPE: | WEIGHT:          |
| SPEC.:   | DIM.: | SERIAL No.:      |
| MFR.: EVERFINE   | SUR.: | Shielding Angle: |

| pcc  | 80%                   |      |      | 70%  |      |      | 50%                             |      |      | 30%  |      |      | 10%  |      |      | 0   |
|------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|-----|
| pw   | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%                             | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0   |
| pfc  | 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  | 1.05                  | 1.01 | .97  | 1.03 | .99  | .96  | .98                             | .95  | .92  | .94  | .92  | .90  | .91  | .89  | .87  | .85 |
| 2.0  | .92                   | .85  | .79  | .90  | .84  | .78  | .86                             | .81  | .77  | .83  | .79  | .75  | .80  | .76  | .73  | .71 |
| 3.0  | .80                   | .72  | .66  | .79  | .71  | .65  | .76                             | .70  | .64  | .73  | .68  | .63  | .71  | .66  | .62  | .60 |
| 4.0  | .71                   | .63  | .56  | .70  | .62  | .56  | .67                             | .60  | .55  | .65  | .59  | .54  | .63  | .58  | .53  | .51 |
| 5.0  | .64                   | .55  | .48  | .63  | .54  | .48  | .60                             | .53  | .47  | .58  | .52  | .47  | .57  | .51  | .46  | .44 |
| 6.0  | .57                   | .48  | .42  | .56  | .48  | .42  | .54                             | .47  | .41  | .53  | .46  | .41  | .51  | .45  | .41  | .39 |
| 7.0  | .52                   | .43  | .37  | .51  | .43  | .37  | .49                             | .42  | .37  | .48  | .41  | .36  | .47  | .41  | .36  | .34 |
| 8.0  | .47                   | .39  | .33  | .47  | .38  | .33  | .45                             | .38  | .33  | .44  | .37  | .32  | .43  | .37  | .32  | .30 |
| 9.0  | .43                   | .35  | .30  | .43  | .35  | .30  | .42                             | .34  | .29  | .41  | .34  | .29  | .39  | .33  | .29  | .27 |
| 10.0 | .40                   | .32  | .27  | .39  | .32  | .27  | .38                             | .31  | .27  | .37  | .31  | .26  | .37  | .31  | .26  | .25 |



C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: MEDIUM  
 Temperature: 25.3DEG  
 Operators: Wangzhilie  
 Test Date: 2024-01-19

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
 Humidity: 65.0%  
 Test Distance: 7.435m [K=1.0000]  
 Remarks:

WEC AND CCEC

|  |       |                  |
|--|-------|------------------|
| Test:U:119.90V I:1.6500A P:197.40W PF:0.9980 Freq:50.00Hz Lamp Flux:34025.4x1 lm |       |                  |
| NAME:  | TYPE: | WEIGHT:          |
| SPEC.:   | DIM.: | SERIAL No.:      |
| MFR.: EVERFINE   | SUR.: | Shielding Angle: |

| ρ <sub>cc</sub> | 80%                   |      |      | 70%  |      |      | 50%                              |      |      | 30%  |      |      | 10%  |      |      | 0 |
|-----------------|-----------------------|------|------|------|------|------|----------------------------------|------|------|------|------|------|------|------|------|---|
| ρ <sub>w</sub>  | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%                              | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |
| ρ <sub>fc</sub> | 20%                   |      |      | 20%  |      |      | 20%                              |      |      | 20%  |      |      | 20%  |      |      | 0 |
| RCR             | RCR:Room Cavity Ratio |      |      |      |      |      | Wall Exitance Coefficients (WEC) |      |      |      |      |      |      |      |      |   |
| 0.0             |                       |      |      |      |      |      |                                  |      |      |      |      |      |      |      |      |   |
| 1.0             | .292                  | .166 | .053 | .285 | .163 | .052 | .272                             | .156 | .050 | .260 | .150 | .048 | .248 | .144 | .046 |   |
| 2.0             | .281                  | .154 | .047 | .275 | .151 | .047 | .263                             | .146 | .045 | .252 | .142 | .044 | .242 | .137 | .043 |   |
| 3.0             | .263                  | .140 | .042 | .257 | .138 | .041 | .247                             | .134 | .041 | .238 | .130 | .040 | .229 | .127 | .039 |   |
| 4.0             | .244                  | .127 | .037 | .240 | .125 | .037 | .230                             | .122 | .036 | .222 | .119 | .036 | .214 | .116 | .035 |   |
| 5.0             | .227                  | .116 | .034 | .223 | .114 | .033 | .215                             | .112 | .033 | .207 | .109 | .032 | .200 | .107 | .032 |   |
| 6.0             | .211                  | .106 | .030 | .207 | .105 | .030 | .200                             | .103 | .030 | .193 | .101 | .030 | .187 | .099 | .029 |   |
| 7.0             | .197                  | .097 | .028 | .194 | .096 | .027 | .187                             | .095 | .027 | .181 | .093 | .027 | .175 | .091 | .027 |   |
| 8.0             | .184                  | .090 | .025 | .181 | .089 | .025 | .176                             | .088 | .025 | .170 | .086 | .025 | .165 | .085 | .025 |   |
| 9.0             | .173                  | .084 | .023 | .170 | .083 | .023 | .165                             | .082 | .023 | .160 | .080 | .023 | .156 | .079 | .023 |   |
| 10.0            | .163                  | .078 | .022 | .160 | .077 | .022 | .156                             | .076 | .021 | .151 | .075 | .021 | .147 | .074 | .021 |   |

| ρ <sub>cc</sub> | 80%                   |      |      | 70%  |      |      | 50%   |      |      | 30%  |      |      | 10%  |      |      | 0 |
|-----------------|-----------------------|------|------|------|------|------|---|------|------|------|------|------|------|------|------|---|
| ρ <sub>w</sub>  | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |
| ρ <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             | .179                  | .156 | .136 | .153 | .134 | .117 | .105  | .092 | .081 | .060 | .053 | .047 | .019 | .017 | .015 |   |
| 2.0             | .171                  | .132 | .099 | .146 | .114 | .086 | .100  | .079 | .060 | .058 | .046 | .035 | .019 | .015 | .011 |   |
| 3.0             | .163                  | .114 | .075 | .140 | .099 | .065 | .096  | .068 | .046 | .055 | .040 | .027 | .018 | .013 | .009 |   |
| 4.0             | .156                  | .101 | .059 | .134 | .087 | .051 | .092  | .061 | .036 | .053 | .036 | .021 | .017 | .012 | .007 |   |
| 5.0             | .148                  | .090 | .048 | .127 | .078 | .041 | .088  | .055 | .029 | .051 | .032 | .017 | .016 | .010 | .006 |   |
| 6.0             | .141                  | .082 | .039 | .122 | .071 | .034 | .084  | .050 | .024 | .049 | .029 | .014 | .016 | .010 | .005 |   |
| 7.0             | .135                  | .075 | .033 | .116 | .065 | .029 | .080  | .046 | .021 | .047 | .027 | .012 | .015 | .009 | .004 |   |
| 8.0             | .128                  | .069 | .029 | .111 | .060 | .025 | .076  | .042 | .018 | .044 | .025 | .011 | .014 | .008 | .004 |   |
| 9.0             | .122                  | .064 | .025 | .105 | .056 | .022 | .073  | .039 | .016 | .043 | .023 | .009 | .014 | .008 | .003 |   |
| 10.0            | .117                  | .060 | .023 | .101 | .052 | .020 | .070  | .037 | .014 | .041 | .022 | .008 | .013 | .007 | .003 |   |

C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3DEG  
 Operators:Wangzhilie  
 Test Date:2024-01-19

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:7.435m [K=1.0000]  
 Remarks:

UGR(Unified Glare Rating) Table

|  |                  |      |      |       |      |                |      |                  |      |      |
|--|------------------|------|------|-------|------|----------------|------|------------------|------|------|
| Test:U:119.90V I:1.6500A P:197.40W PF:0.9980 Freq:50.00Hz Lamp Flux:34025.4x1 lm |                  |      |      |       |      |                |      |                  |      |      |
| NAME:  |                  |      |      | TYPE: |      |                |      | WEIGHT:          |      |      |
| SPEC.:   |                  |      |      | DIM.: |      |                |      | SERIAL No.:      |      |      |
| MFR.: EVERFINE   |                  |      |      | SUR.: |      |                |      | 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  | 29.6             | 31.1 | 29.9 | 31.3  | 31.5 | 29.4           | 30.9 | 29.7             | 31.1 | 31.4 |
| 3H   | 31.0             | 32.4 | 31.3 | 32.6  | 32.9 | 30.7           | 32.1 | 31.0             | 32.4 | 32.6 |
| 4H   | 31.5             | 32.8 | 31.8 | 33.0  | 33.3 | 31.1           | 32.4 | 31.4             | 32.7 | 32.9 |
| 6H   | 31.7             | 32.9 | 32.0 | 33.2  | 33.5 | 31.3           | 32.5 | 31.6             | 32.8 | 33.1 |
| 8H   | 31.7             | 32.9 | 32.1 | 33.2  | 33.5 | 31.3           | 32.5 | 31.6             | 32.8 | 33.1 |
| 12H  | 31.7             | 32.9 | 32.1 | 33.2  | 33.5 | 31.3           | 32.4 | 31.6             | 32.7 | 33.0 |
| 4H 2H  | 30.2             | 31.5 | 30.5 | 31.7  | 32.0 | 30.0           | 31.4 | 30.3             | 31.6 | 31.9 |
| 3H   | 31.7             | 32.9 | 32.1 | 33.2  | 33.5 | 31.5           | 32.6 | 31.8             | 32.9 | 33.2 |
| 4H   | 32.3             | 33.3 | 32.7 | 33.6  | 34.0 | 32.0           | 33.0 | 32.3             | 33.3 | 33.7 |
| 6H   | 32.6             | 33.5 | 33.0 | 33.9  | 34.2 | 32.2           | 33.1 | 32.6             | 33.5 | 33.8 |
| 8H   | 32.6             | 33.5 | 33.1 | 33.9  | 34.3 | 32.2           | 33.1 | 32.6             | 33.5 | 33.8 |
| 12H  | 32.7             | 33.5 | 33.1 | 33.8  | 34.2 | 32.2           | 33.0 | 32.6             | 33.4 | 33.8 |
| 8H 4H  | 32.4             | 33.3 | 32.8 | 33.7  | 34.0 | 32.1           | 33.0 | 32.6             | 33.4 | 33.8 |
| 6H   | 32.8             | 33.5 | 33.3 | 33.9  | 34.4 | 32.5           | 33.2 | 32.9             | 33.6 | 34.0 |
| 8H   | 32.9             | 33.6 | 33.4 | 34.0  | 34.4 | 32.5           | 33.2 | 33.0             | 33.6 | 34.0 |
| 12H  | 33.0             | 33.5 | 33.5 | 34.0  | 34.4 | 32.5           | 33.1 | 33.0             | 33.5 | 34.0 |
| 12H 4H   | 32.4             | 33.2 | 32.8 | 33.6  | 34.0 | 32.1           | 32.9 | 32.6             | 33.3 | 33.7 |
| 6H   | 32.8             | 33.4 | 33.3 | 33.9  | 34.3 | 32.5           | 33.1 | 32.9             | 33.5 | 34.0 |
| 8H   | 32.9             | 33.5 | 33.4 | 33.9  | 34.4 | 32.6           | 33.1 | 33.0             | 33.5 | 34.0 |
| Variations with the observer position at spacings:                               |                  |      |      |       |      |                |      |                  |      |      |
| S = 1.0H   | + 0.2 / - 0.2    |      |      |       |      | + 0.2 / - 0.3  |      |                  |      |      |
| 1.5H   | + 0.2 / - 0.4    |      |      |       |      | + 0.2 / - 0.4  |      |                  |      |      |
| 2.0H   | + 0.3 / - 0.3    |      |      |       |      | + 0.3 / - 0.3  |      |                  |      |      |

CIE Pub.117, 34025 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 12.3)  
 Area: 0.1 m2

C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3DEG  
 Operators:Wangzhilie  
 Test Date:2024-01-19

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:7.435m [K=1.0000]  
 Remarks:

**UTILIZATION FACTORS TABLE**

|  |       |                  |
|--|-------|------------------|
| Test:U:119.90V I:1.6500A P:197.40W PF:0.9980 Freq:50.00Hz Lamp Flux:34025.4x1 lm |       |                  |
| NAME:  | TYPE: | WEIGHT:          |
| SPEC.:   | DIM.: | SERIAL No.:      |
| MFR.: EVERFINE   | SUR.: | Shielding Angle: |

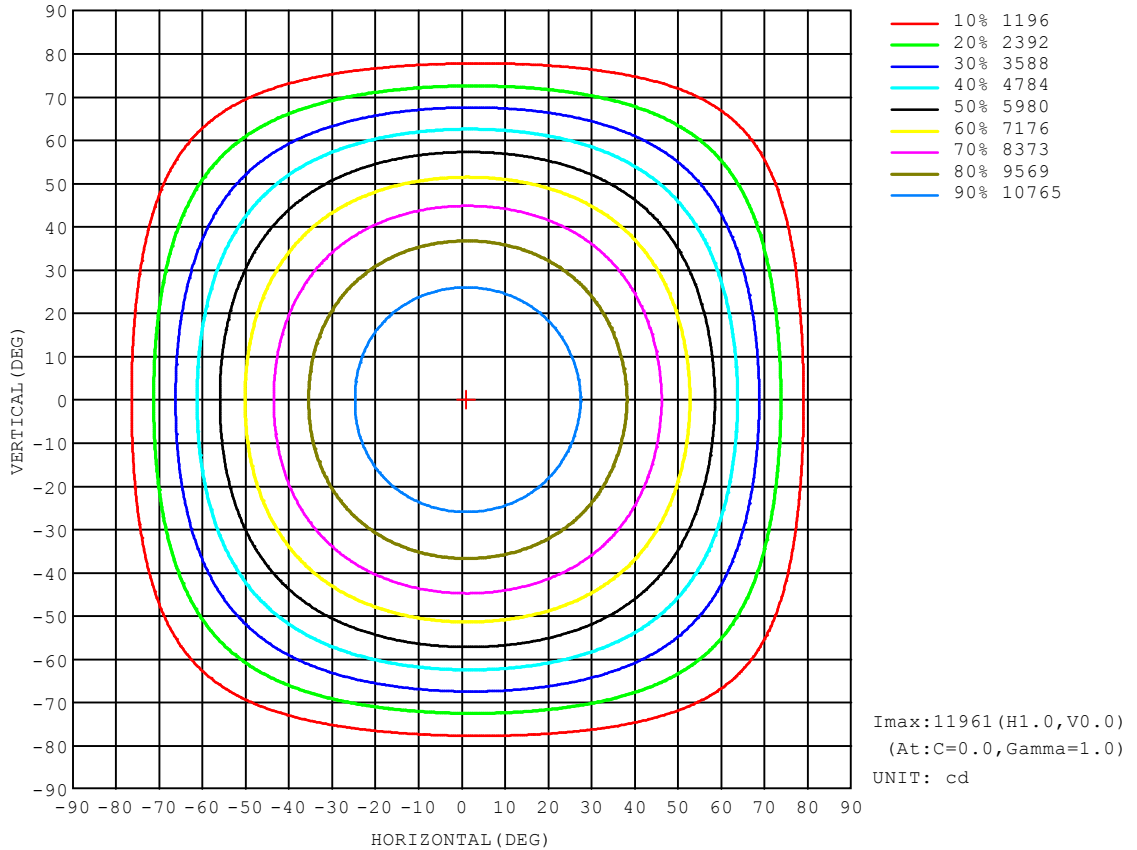
| REFLECTANCE                      |  |     |           |     |     |     |               |     |     |        |
|----------------------------------|--|-----|-----------|-----|-----|-----|---------------|-----|-----|--------|
| Ceiling                          | 0.8  | 0.8 | 0.8       | 0.7 | 0.7 | 0.7 | 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                         | 58   | 46  | 39        | 57  | 46  | 39  | 56            | 46  | 39  | 33     |
| 0.80                             | 68   | 57  | 49        | 67  | 56  | 49  | 65            | 55  | 49  | 42     |
| 1.00                             | 77   | 66  | 59        | 76  | 65  | 58  | 73            | 67  | 58  | 51     |
| 1.25                             | 84   | 74  | 67        | 83  | 73  | 66  | 80            | 72  | 66  | 58     |
| 1.50                             | 89   | 79  | 73        | 87  | 79  | 72  | 84            | 77  | 71  | 64     |
| 2.00                             | 96   | 88  | 81        | 94  | 87  | 81  | 91            | 84  | 79  | 72     |
| 2.50                             | 100  | 92  | 87        | 98  | 91  | 86  | 94            | 88  | 84  | 76     |
| 3.00                             | 103  | 97  | 91        | 101 | 95  | 90  | 97            | 92  | 88  | 80     |
| 4.00                             | 107  | 102 | 97        | 105 | 100 | 96  | 100           | 96  | 93  | 84     |
| 5.00                             | 109  | 105 | 101       | 107 | 103 | 99  | 102           | 99  | 96  | 87     |
| ROOM INDEX                       | UF(total)  |     |           |     |     |     |               |     |     | Direct |
| According to DIN EN 13032-2 2004 |  |     | Suspended |     |     |     | SHRNOM = 1.25 |     |     |        |

C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3DEG  
 Operators:Wangzhilie  
 Test Date:2024-01-19

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:7.435m [K=1.0000]  
 Remarks:

**ISOCANDELA DIAGRAM**

|  |       |                  |
|--|-------|------------------|
| Test:U:119.90V I:1.6500A P:197.40W PF:0.9980 Freq:50.00Hz Lamp Flux:34025.4x1 lm |       |                  |
| NAME:  | TYPE: | WEIGHT:          |
| SPEC.:   | DIM.: | SERIAL No.:      |
| MFR.: EVERFINE   | SUR.: | Shielding Angle: |



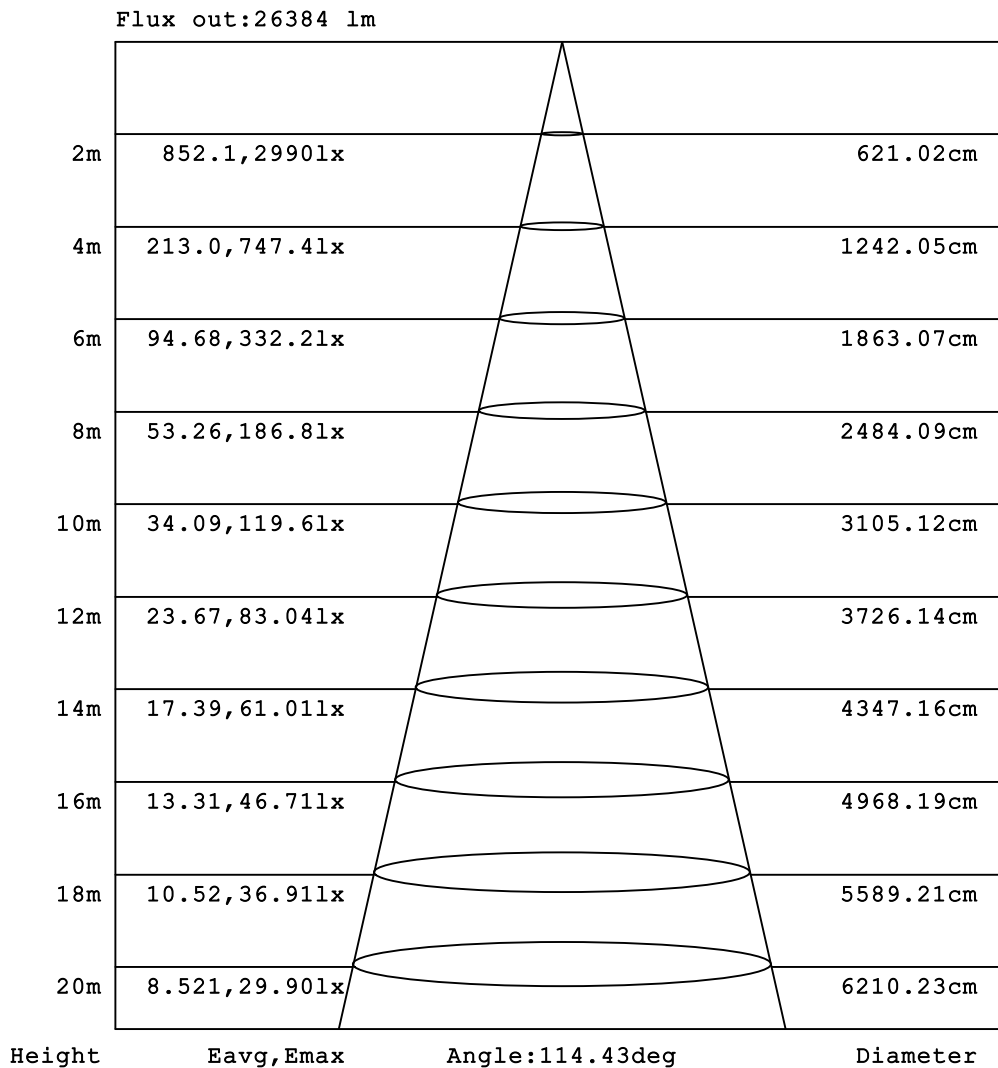
C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3DEG  
 Operators:Wangzhilie  
 Test Date:2024-01-19

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:7.435m [K=1.0000]  
 Remarks:



AAI Figure

|  |       |                  |
|--|-------|------------------|
| Test:U:119.90V I:1.6500A P:197.40W PF:0.9980 Freq:50.00Hz Lamp Flux:34025.4x1 lm |       |                  |
| NAME:  | TYPE: | WEIGHT:          |
| SPEC.:   | DIM.: | SERIAL No.:      |
| MFR.: EVERFINE   | SUR.: | Shielding Angle: |



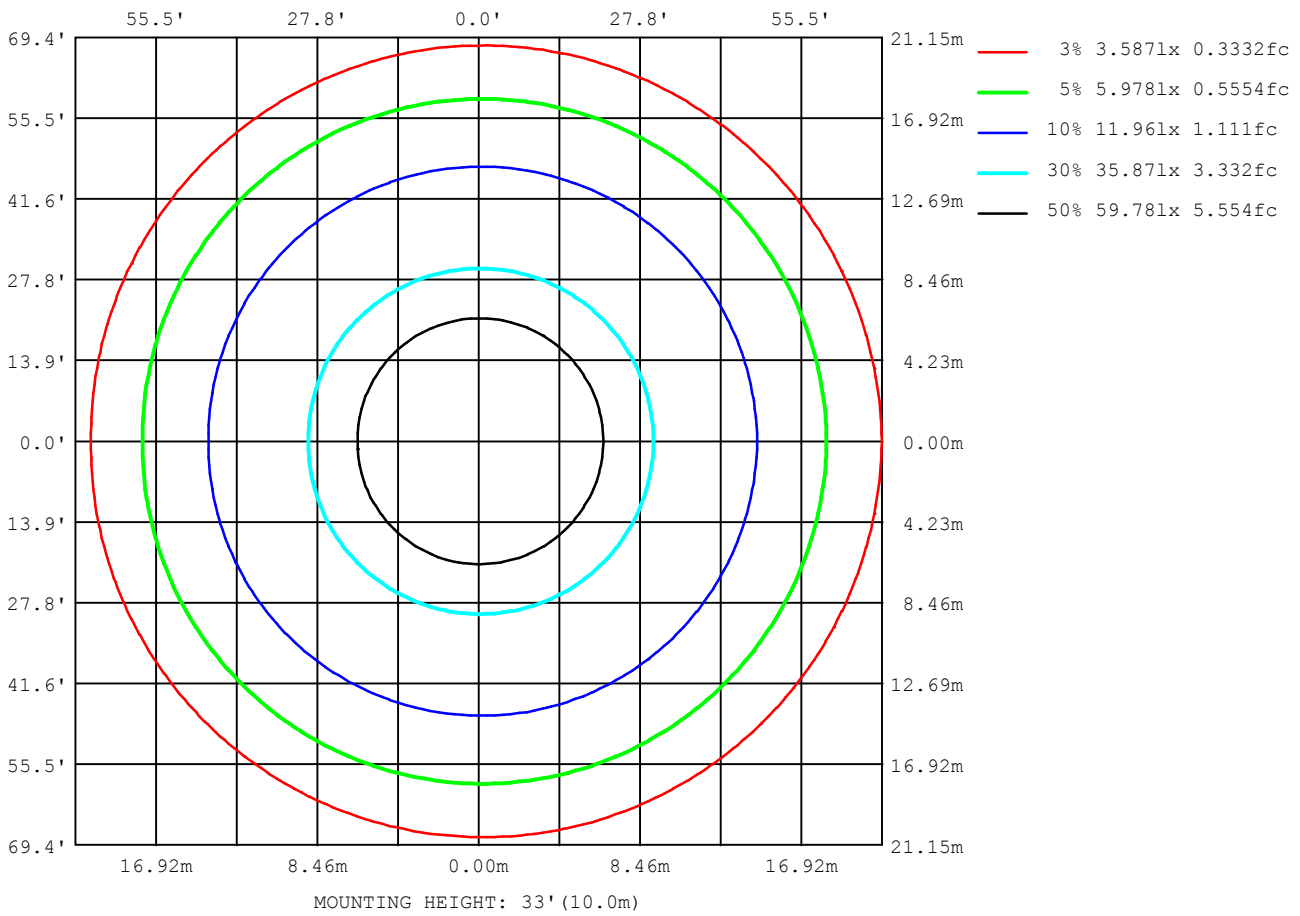
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3DEG  
 Operators:Wangzhilie  
 Test Date:2024-01-19

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:7.435m [K=1.0000]  
 Remarks:

**ISOLUX DIAGRAM**

|  |       |                  |
|--|-------|------------------|
| Test:U:119.90V I:1.6500A P:197.40W PF:0.9980 Freq:50.00Hz Lamp Flux:34025.4x1 lm |       |                  |
| NAME:  | TYPE: | WEIGHT:          |
| SPEC.:   | DIM.: | SERIAL No.:      |
| MFR.: EVERFINE   | SUR.: | Shielding Angle: |



C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: MEDIUM  
 Temperature: 25.3DEG  
 Operators: Wangzhilie  
 Test Date: 2024-01-19

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
 Humidity: 65.0%  
 Test Distance: 7.435m [K=1.0000]  
 Remarks:

**LED Avg.L Report**

|  |       |                  |
|--|-------|------------------|
| Test:U:119.90V I:1.6500A P:197.40W PF:0.9980 Freq:50.00Hz Lamp Flux:34025.4x1 lm |       |                  |
| NAME:  | TYPE: | WEIGHT:          |
| SPEC.:   | DIM.: | SERIAL No.:      |
| MFR.: EVERFINE   | SUR.: | Shielding Angle: |

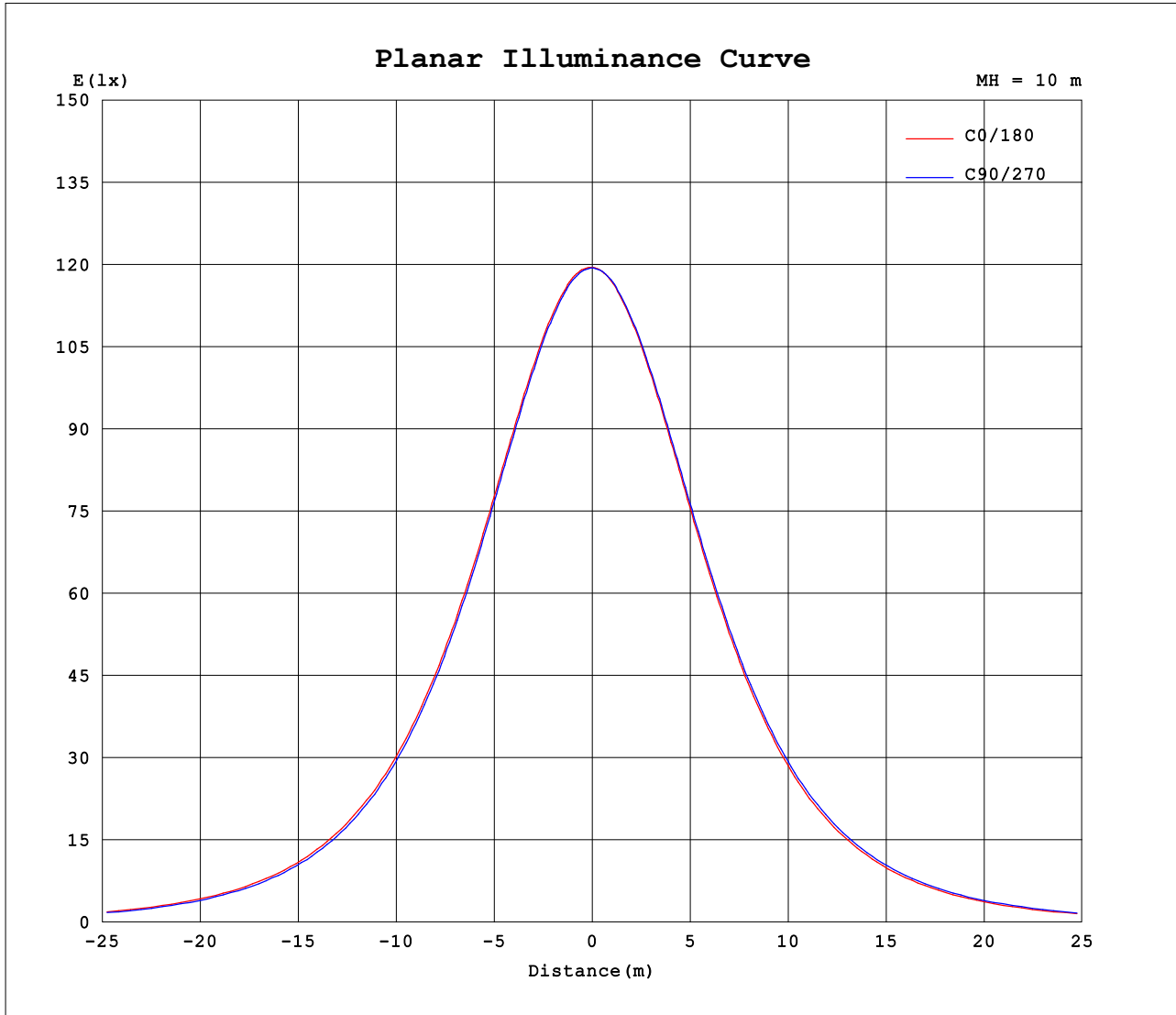
| AvgL             | cd/m2 |
|------------------|-------|
| L_0~180 (65) av  | 99100 |
| L_0~180 (75) av  | 69148 |
| L_0~180 (85) av  | 18298 |
| L_90~270 (65) av | 99138 |
| L_90~270 (75) av | 68889 |
| L_90~270 (85) av | 16438 |
| L_45 (65) av     | 98664 |
| L_45 (75) av     | 68241 |
| L_45 (85) av     | 15992 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3DEG  
 Operators:Wangzhilie  
 Test Date:2024-01-19

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:7.435m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: MEDIUM  
 Temperature: 25.3DEG  
 Operators: Wangzhilie  
 Test Date: 2024-01-19

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
 Humidity: 65.0%  
 Test Distance: 7.435m [K=1.0000]  
 Remarks:

