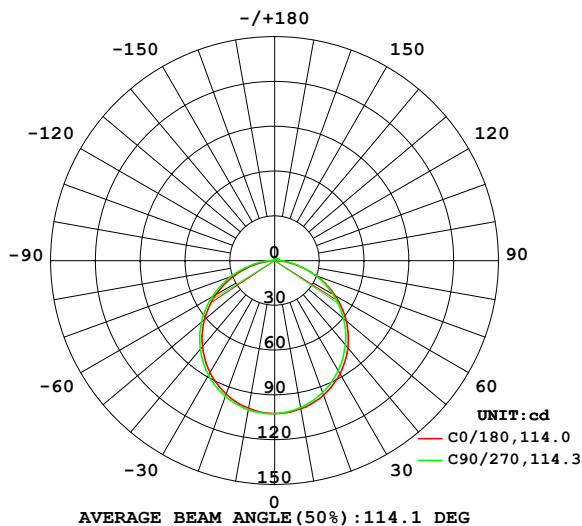


## LUMINAIRE PHOTOMETRIC TEST REPORT

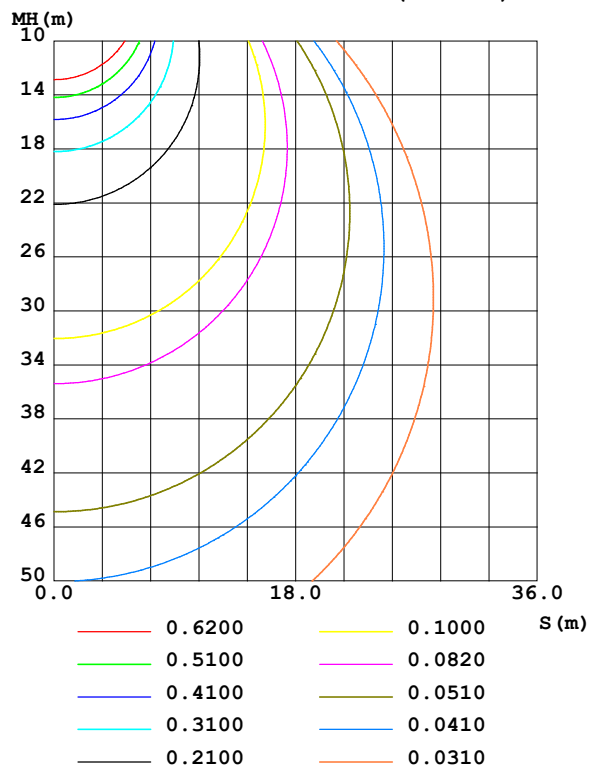
|                                                                                   |                       |                  |
|-----------------------------------------------------------------------------------|-----------------------|------------------|
| Test:U:23.998V I:0.3964A P:9.5128W PF:1.0000 Freq:0Hz<br>Lamp Flux:2.57098x120 lm |                       |                  |
| NAME: NS-S0612-W60-10                                                             | TYPE:                 | WEIGHT:          |
| SPEC.:                                                                            | DIM.: 1*0.006*0.012MM | SERIAL No.:      |
| MFR.:                                                                             | SUR.: 0.006*1         | Shielding Angle: |

| DATA OF LAMP     |         | PHOTOMETRIC DATA                  |        |                                          |          | Eff: 32.43 lm/W |
|------------------|---------|-----------------------------------|--------|------------------------------------------|----------|-----------------|
| MODEL            |         | I <sub>max</sub> (cd)             | 102.6  | S/MH(C0/180)                             | 1.26     |                 |
| NOMINAL POWER(W) | 10      | LOR(%)                            | 100.0  | S/MH(C90/270)                            | 1.29     |                 |
| RATED VOLTAGE(V) | 24      | TOTAL FLUX(lm)                    | 308.52 | <input type="checkbox"/> UP,DN(C0-180)   | 1.6,48.0 |                 |
| NOMINAL FLUX(lm) | 2.57098 | CIE CLASS                         | DIRECT | <input type="checkbox"/> UP,DN(C180-360) | 1.0,49.4 |                 |
| LAMPS INSIDE     | 120     | <input type="checkbox"/> up (%)   | 2.6    | CIBSE SHR NOM                            | 1.25     |                 |
| TEST VOLTAGE(V)  | 24      | <input type="checkbox"/> down (%) | 97.4   | CIBSE SHR MAX                            | 1.35     |                 |

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:YSL  
Test Date:2021-07-12

☐ 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  | 100.9                 | 99.91 | 99.91 | 100.4 | 100.5  | 101.5  | 101.4  | 101.0  | 0- 10   | 9.696   | 9.696 | 3.14,3.14  |
| 20  | 95.88                 | 94.03 | 94.03 | 94.92 | 95.18  | 97.04  | 96.75  | 96.11  | 10- 20  | 27.81   | 37.50 | 12.2,12.2  |
| 30  | 87.62                 | 85.11 | 85.16 | 86.37 | 86.64  | 89.15  | 88.68  | 87.84  | 20- 30  | 42.25   | 79.75 | 25.8,25.8  |
| 40  | 76.43                 | 73.51 | 73.72 | 75.16 | 75.28  | 78.26  | 77.61  | 76.57  | 30- 40  | 51.15   | 130.9 | 42.4,42.4  |
| 50  | 62.75                 | 59.67 | 60.24 | 61.73 | 61.46  | 64.77  | 64.00  | 62.71  | 40- 50  | 53.42   | 184.3 | 59.7,59.7  |
| 60  | 46.94                 | 44.10 | 45.25 | 46.54 | 45.61  | 49.16  | 48.34  | 46.76  | 50- 60  | 48.76   | 233.1 | 75.5,75.5  |
| 70  | 29.59                 | 27.41 | 29.22 | 30.15 | 28.24  | 32.02  | 31.27  | 29.41  | 60- 70  | 37.80   | 270.9 | 87.8,87.8  |
| 80  | 12.02                 | 11.33 | 13.68 | 13.87 | 10.80  | 14.73  | 14.46  | 12.35  | 70- 80  | 22.29   | 293.2 | 95,95      |
| 90  | 0.7434                | 2.783 | 4.306 | 3.274 | 0.3740 | 2.705  | 3.400  | 2.141  | 80- 90  | 7.337   | 300.5 | 97.4,97.4  |
| 100 | 0.2656                | 1.986 | 2.550 | 1.849 | 0.2446 | 0.8530 | 1.508  | 1.116  | 90-100  | 1.836   | 302.3 | 98,98      |
| 110 | 0.4672                | 1.866 | 2.205 | 1.704 | 0.4225 | 0.6794 | 1.100  | 0.8244 | 100-110 | 1.318   | 303.7 | 98.4,98.4  |
| 120 | 0.6665                | 1.819 | 2.081 | 1.445 | 0.6052 | 0.6603 | 0.9099 | 0.7842 | 110-120 | 1.148   | 304.8 | 98.8,98.8  |
| 130 | 0.8350                | 1.745 | 2.005 | 1.416 | 0.7713 | 0.7604 | 0.8911 | 0.8341 | 120-130 | 1.031   | 305.8 | 99.1,99.1  |
| 140 | 0.9822                | 1.626 | 1.896 | 1.369 | 0.9161 | 0.8343 | 0.9266 | 0.8936 | 130-140 | 0.8978  | 306.7 | 99.4,99.4  |
| 150 | 1.108                 | 1.459 | 1.735 | 1.252 | 1.054  | 0.9559 | 0.9505 | 1.029  | 140-150 | 0.7391  | 307.5 | 99.7,99.7  |
| 160 | 1.224                 | 1.337 | 1.504 | 1.314 | 1.191  | 1.099  | 1.098  | 1.164  | 150-160 | 0.5586  | 308.0 | 99.8,99.8  |
| 170 | 1.350                 | 1.373 | 1.333 | 1.354 | 1.334  | 1.266  | 1.252  | 1.300  | 160-170 | 0.3591  | 308.4 | 100,100    |
| 180 | 1.440                 | 1.418 | 1.407 | 1.423 | 1.450  | 1.418  | 1.409  | 1.421  | 170-180 | 0.1299  | 308.5 | 100,100    |
| DEG | LUMINOUS INTENSITY:cd |       |       |       |        |        |        |        |         | UNIT:lm |       |            |

Conical surface Flux(90deg): 163.12 lm

%lum = 52.9%

%lamp = 52.9%

Conical surface Flux(120deg): 233.08 lm

%lum = 75.5%

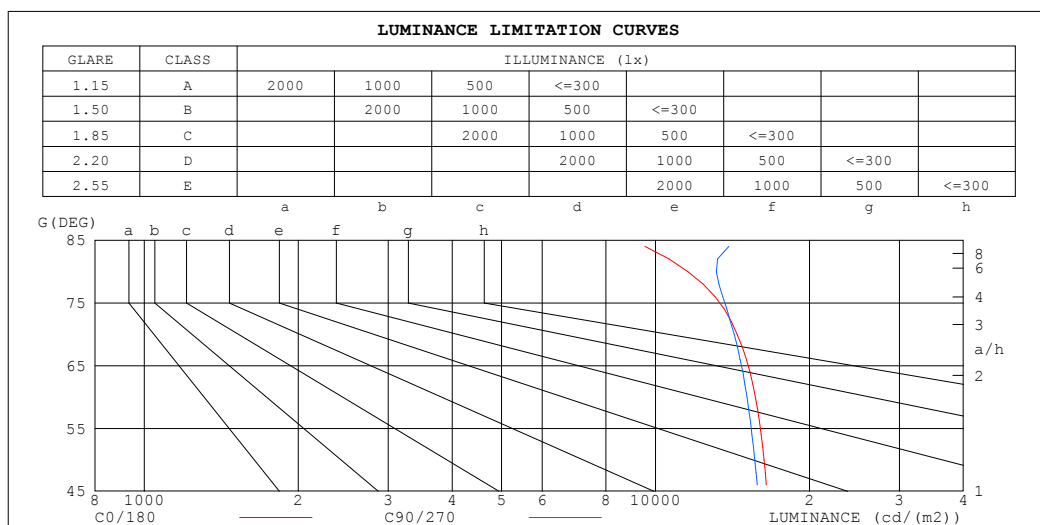
%lamp = 75.5%

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:YSL  
 Test Date:2021-07-12

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

|                                                                                   |                       |                  |
|-----------------------------------------------------------------------------------|-----------------------|------------------|
| Test:U:23.998V I:0.3964A P:9.5128W PF:1.0000 Freq:0Hz<br>Lamp Flux:2.57098x120 lm |                       |                  |
| NAME: NS-S0612-W60-10                                                             | TYPE:                 | WEIGHT:          |
| SPEC.:                                                                            | DIM.: 1*0.006*0.012MM | SERIAL No.:      |
| MFR.:                                                                             | SUR.: 0.006*1         | Shielding Angle: |



| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G (DEG)           | C0/180 | C90/270 |
| 85                | 11440  | 16676   |
| 80                | 11567  | 13146   |
| 75                | 14511  | 14686   |
| 70                | 14452  | 14251   |
| 65                | 15863  | 15364   |
| 60                | 15681  | 15096   |
| 55                | 16497  | 15823   |
| 50                | 16306  | 15632   |
| 45                | 16828  | 16170   |

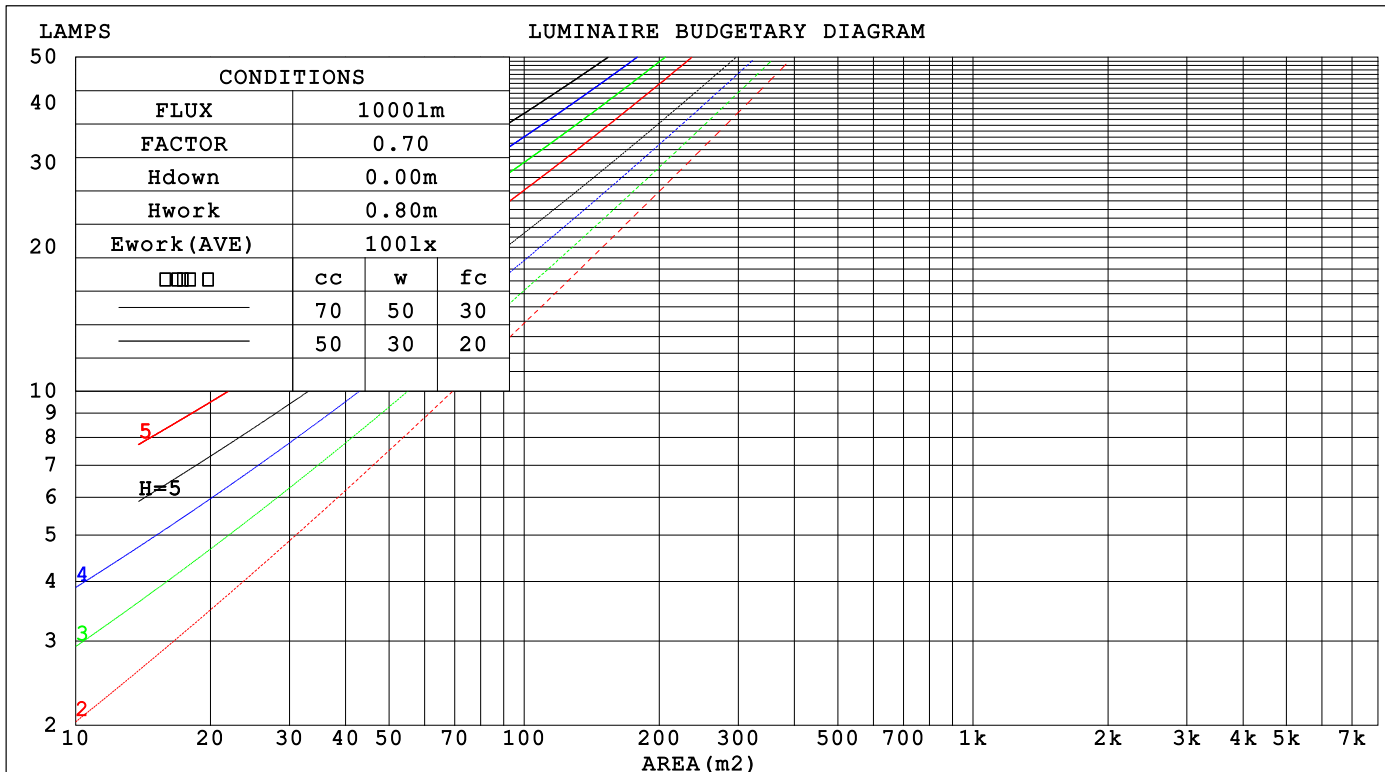
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:YSL  
Test Date:2021-07-12

☐ 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

|                                                                                   |                       |                  |
|-----------------------------------------------------------------------------------|-----------------------|------------------|
| Test:U:23.998V I:0.3964A P:9.5128W PF:1.0000 Freq:0Hz<br>Lamp Flux:2.57098x120 lm |                       |                  |
| NAME: NS-S0612-W60-10                                                             | TYPE:                 | WEIGHT:          |
| SPEC.:                                                                            | DIM.: 1*0.006*0.012MM | SERIAL No.:      |
| MFR.:                                                                             | SUR.: 0.006*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 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:YSL  
Test Date:2021-07-12

□ 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

|                                                                                   |                       |                  |
|-----------------------------------------------------------------------------------|-----------------------|------------------|
| Test:U:23.998V I:0.3964A P:9.5128W PF:1.0000 Freq:0Hz<br>Lamp Flux:2.57098x120 lm |                       |                  |
| NAME: NS-S0612-W60-10                                                             | TYPE:                 | WEIGHT:          |
| SPEC.:                                                                            | DIM.: 1*0.006*0.012MM | SERIAL No.:      |
| MFR.:                                                                             | SUR.: 0.006*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                         | .317 .180 .057        | .309 .176 .056 | .294 .169 .054                  | .281 .162 .052 | .268 .156 .050 |   |
| 2.0                         | .296 .162 .050        | .289 .159 .049 | .276 .153 .048                  | .264 .148 .046 | .252 .143 .045 |   |
| 3.0                         | .273 .145 .043        | .266 .143 .043 | .255 .138 .042                  | .244 .134 .041 | .234 .130 .040 |   |
| 4.0                         | .251 .130 .038        | .245 .128 .038 | .235 .125 .037                  | .225 .121 .037 | .216 .118 .036 |   |
| 5.0                         | .232 .118 .034        | .227 .116 .034 | .217 .113 .033                  | .209 .110 .033 | .201 .107 .032 |   |
| 6.0                         | .215 .108 .031        | .210 .106 .031 | .202 .103 .030                  | .194 .101 .030 | .187 .098 .029 |   |
| 7.0                         | .199 .099 .028        | .196 .097 .028 | .188 .095 .027                  | .181 .093 .027 | .174 .091 .027 |   |
| 8.0                         | .186 .091 .026        | .183 .090 .025 | .176 .088 .025                  | .170 .086 .025 | .164 .084 .024 |   |
| 9.0                         | .174 .084 .024        | .171 .083 .023 | .165 .082 .023                  | .159 .080 .023 | .154 .078 .023 |   |
| 10.0                        | .164 .079 .022        | .161 .078 .022 | .155 .076 .021                  | .150 .075 .021 | .145 .073 .021 |   |

|                             |                       |                |                                            |                |                |   |
|-----------------------------|-----------------------|----------------|--------------------------------------------|----------------|----------------|---|
| <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                         | .210 .210 .210        | .180 .180 .180 | .123 .123 .123                             | .070 .070 .070 | .023 .023 .023 |   |
| 1.0                         | .201 .176 .154        | .172 .151 .132 | .118 .104 .092                             | .068 .060 .053 | .022 .019 .017 |   |
| 2.0                         | .193 .152 .118        | .165 .131 .102 | .113 .091 .071                             | .065 .053 .042 | .021 .017 .014 |   |
| 3.0                         | .185 .135 .094        | .159 .116 .082 | .109 .081 .057                             | .063 .047 .034 | .020 .015 .011 |   |
| 4.0                         | .178 .121 .078        | .152 .105 .068 | .105 .073 .048                             | .061 .043 .028 | .020 .014 .009 |   |
| 5.0                         | .170 .111 .067        | .146 .096 .059 | .101 .067 .041                             | .058 .039 .025 | .019 .013 .008 |   |
| 6.0                         | .163 .103 .059        | .140 .089 .052 | .097 .062 .037                             | .056 .037 .022 | .018 .012 .007 |   |
| 7.0                         | .156 .096 .054        | .134 .083 .047 | .093 .058 .033                             | .054 .034 .020 | .017 .011 .007 |   |
| 8.0                         | .150 .090 .049        | .129 .078 .043 | .089 .055 .030                             | .052 .032 .018 | .017 .011 .006 |   |
| 9.0                         | .144 .085 .046        | .124 .074 .040 | .086 .052 .028                             | .050 .031 .017 | .016 .010 .006 |   |
| 10.0                        | .138 .081 .043        | .119 .070 .038 | .082 .049 .027                             | .048 .029 .016 | .016 .010 .005 |   |

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:YSL  
Test Date:2021-07-12

☐ 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

|                                                                                   |                  |      |      |      |                       |                |      |                  |      |      |
|-----------------------------------------------------------------------------------|------------------|------|------|------|-----------------------|----------------|------|------------------|------|------|
| Test:U:23.998V I:0.3964A P:9.5128W PF:1.0000 Freq:0Hz<br>Lamp Flux:2.57098x120 lm |                  |      |      |      |                       |                |      |                  |      |      |
| NAME: NS-S0612-W60-10                                                             |                  |      |      |      | TYPE:                 |                |      | WEIGHT:          |      |      |
| SPEC.:                                                                            |                  |      |      |      | DIM.: 1*0.006*0.012MM |                |      | SERIAL No.:      |      |      |
| MFR.:                                                                             |                  |      |      |      | SUR.: 0.006*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                                                                     | 26.3             | 27.8 | 26.6 | 28.1 | 28.3                  | 26.2           | 27.7 | 26.5             | 27.9 | 28.2 |
| 3H                                                                                | 27.9             | 29.3 | 28.2 | 29.5 | 29.8                  | 27.7           | 29.1 | 28.1             | 29.4 | 29.7 |
| 4H                                                                                | 28.5             | 29.8 | 28.8 | 30.1 | 30.4                  | 28.4           | 29.7 | 28.8             | 30.0 | 30.3 |
| 6H                                                                                | 28.9             | 30.1 | 29.3 | 30.5 | 30.8                  | 28.9           | 30.2 | 29.3             | 30.5 | 30.8 |
| 8H                                                                                | 29.0             | 30.2 | 29.4 | 30.5 | 30.9                  | 29.1           | 30.3 | 29.5             | 30.6 | 31.0 |
| 12H                                                                               | 29.1             | 30.2 | 29.5 | 30.6 | 30.9                  | 29.3           | 30.4 | 29.7             | 30.8 | 31.1 |
| 4H 2H                                                                             | 26.9             | 28.2 | 27.2 | 28.5 | 28.8                  | 26.7           | 28.1 | 27.1             | 28.4 | 28.7 |
| 3H                                                                                | 28.6             | 29.7 | 29.0 | 30.1 | 30.4                  | 28.5           | 29.7 | 28.9             | 30.0 | 30.4 |
| 4H                                                                                | 29.3             | 30.4 | 29.7 | 30.7 | 31.1                  | 29.3           | 30.3 | 29.7             | 30.7 | 31.1 |
| 6H                                                                                | 29.8             | 30.8 | 30.3 | 31.2 | 31.6                  | 29.9           | 30.9 | 30.4             | 31.3 | 31.7 |
| 8H                                                                                | 30.0             | 30.9 | 30.5 | 31.3 | 31.7                  | 30.2           | 31.1 | 30.6             | 31.5 | 31.9 |
| 12H                                                                               | 30.1             | 30.9 | 30.6 | 31.3 | 31.8                  | 30.4           | 31.2 | 30.9             | 31.6 | 32.1 |
| 8H 4H                                                                             | 29.5             | 30.4 | 30.0 | 30.8 | 31.3                  | 29.5           | 30.4 | 30.0             | 30.8 | 31.2 |
| 6H                                                                                | 30.2             | 30.9 | 30.7 | 31.4 | 31.9                  | 30.3           | 31.0 | 30.8             | 31.5 | 32.0 |
| 8H                                                                                | 30.4             | 31.1 | 30.9 | 31.5 | 32.0                  | 30.7           | 31.3 | 31.2             | 31.8 | 32.3 |
| 12H                                                                               | 30.6             | 31.1 | 31.1 | 31.6 | 32.2                  | 31.0           | 31.5 | 31.5             | 32.0 | 32.6 |
| 12H 4H                                                                            | 29.6             | 30.4 | 30.0 | 30.8 | 31.3                  | 29.5           | 30.3 | 30.0             | 30.8 | 31.2 |
| 6H                                                                                | 30.2             | 30.9 | 30.7 | 31.4 | 31.9                  | 30.3           | 31.0 | 30.8             | 31.5 | 32.0 |
| 8H                                                                                | 30.5             | 31.1 | 31.0 | 31.6 | 32.1                  | 30.7           | 31.3 | 31.3             | 31.8 | 32.3 |
| Variations with the observer position at spacings(CIE Pub.117):                   |                  |      |      |      |                       |                |      |                  |      |      |
| S = 1.0H                                                                          | + 0.1 / - 0.2    |      |      |      |                       | + 0.1 / - 0.2  |      |                  |      |      |
| 1.5H                                                                              | + 0.1 / - 0.3    |      |      |      |                       | + 0.2 / - 0.3  |      |                  |      |      |
| 2.0H                                                                              | + 0.2 / - 0.3    |      |      |      |                       | + 0.2 / - 0.2  |      |                  |      |      |

CIE Pub.117, 308.5 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -4.1)  
Area: 0.006 m2

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:YSL  
Test Date:2021-07-12

☐ 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

|                                                                                   |                       |                  |
|-----------------------------------------------------------------------------------|-----------------------|------------------|
| Test:U:23.998V I:0.3964A P:9.5128W PF:1.0000 Freq:0Hz<br>Lamp Flux:2.57098x120 lm |                       |                  |
| NAME: NS-S0612-W60-10                                                             | TYPE:                 | WEIGHT:          |
| SPEC.:                                                                            | DIM.: 1*0.006*0.012MM | SERIAL No.:      |
| MFR.:                                                                             | SUR.: 0.006*1         | Shielding Angle: |

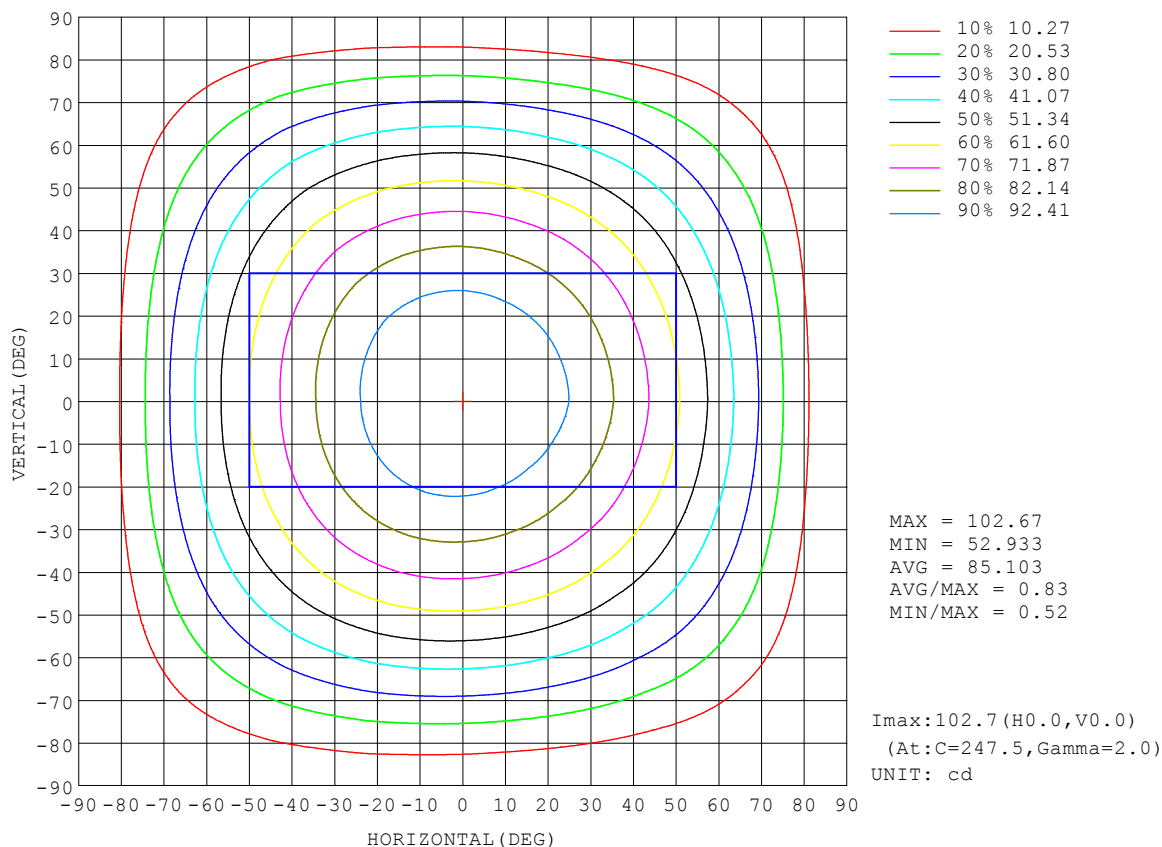
| REFLECTANCE                      |                                                      |     |           |     |     |     |     |               |     |        |
|----------------------------------|------------------------------------------------------|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| 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) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |               |     |        |
| $k = 0.60$                       | 56                                                   | 44  | 37        | 55  | 44  | 37  | 54  | 44            | 37  | 31     |
| 0.80                             | 66                                                   | 54  | 47        | 65  | 54  | 47  | 63  | 53            | 46  | 39     |
| 1.00                             | 74                                                   | 63  | 56        | 73  | 62  | 55  | 71  | 64            | 55  | 47     |
| 1.25                             | 82                                                   | 71  | 64        | 80  | 70  | 63  | 77  | 68            | 62  | 54     |
| 1.50                             | 87                                                   | 76  | 69        | 85  | 75  | 69  | 81  | 73            | 67  | 59     |
| 2.00                             | 94                                                   | 85  | 78        | 92  | 83  | 77  | 88  | 81            | 75  | 67     |
| 2.50                             | 98                                                   | 90  | 83        | 95  | 88  | 82  | 91  | 85            | 80  | 71     |
| 3.00                             | 101                                                  | 94  | 88        | 99  | 92  | 87  | 94  | 89            | 84  | 75     |
| 4.00                             | 105                                                  | 99  | 94        | 102 | 97  | 93  | 98  | 93            | 90  | 80     |
| 5.00                             | 108                                                  | 103 | 98        | 105 | 100 | 96  | 100 | 96            | 93  | 83     |
| 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:YSL  
Test Date:2021-07-12

☐ 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

|                                                                                   |                       |                  |
|-----------------------------------------------------------------------------------|-----------------------|------------------|
| Test:U:23.998V I:0.3964A P:9.5128W PF:1.0000 Freq:0Hz<br>Lamp Flux:2.57098x120 lm |                       |                  |
| NAME: NS-S0612-W60-10                                                             | TYPE:                 | WEIGHT:          |
| SPEC.:                                                                            | DIM.: 1*0.006*0.012MM | SERIAL No.:      |
| MFR.:                                                                             | SUR.: 0.006*1         | Shielding Angle: |



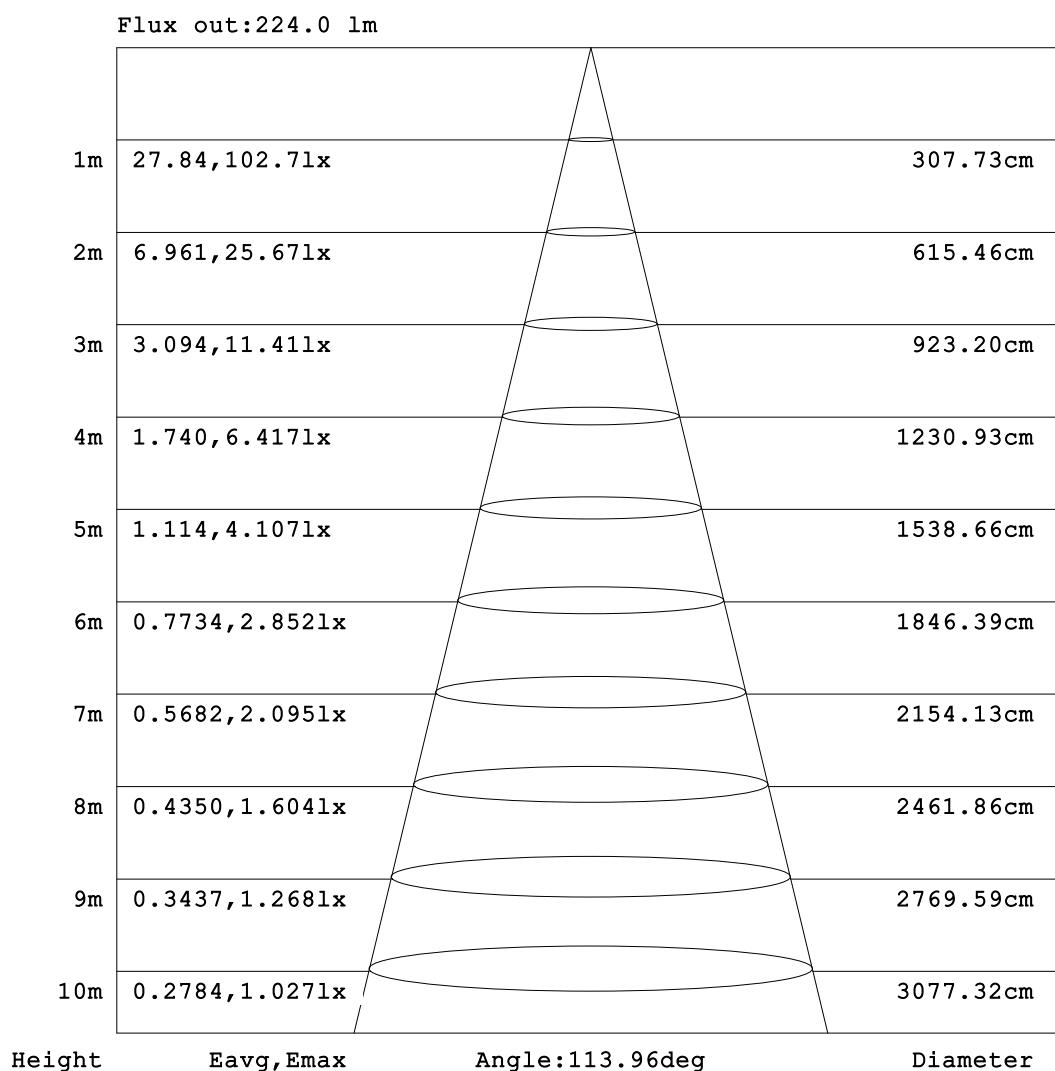
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:YSL  
Test Date:2021-07-12

☐ 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

|                                                                                   |                       |                  |
|-----------------------------------------------------------------------------------|-----------------------|------------------|
| Test:U:23.998V I:0.3964A P:9.5128W PF:1.0000 Freq:0Hz<br>Lamp Flux:2.57098x120 lm |                       |                  |
| NAME: NS-S0612-W60-10                                                             | TYPE:                 | WEIGHT:          |
| SPEC.:                                                                            | DIM.: 1*0.006*0.012MM | SERIAL No.:      |
| MFR.:                                                                             | SUR.: 0.006*1         | Shielding Angle: |



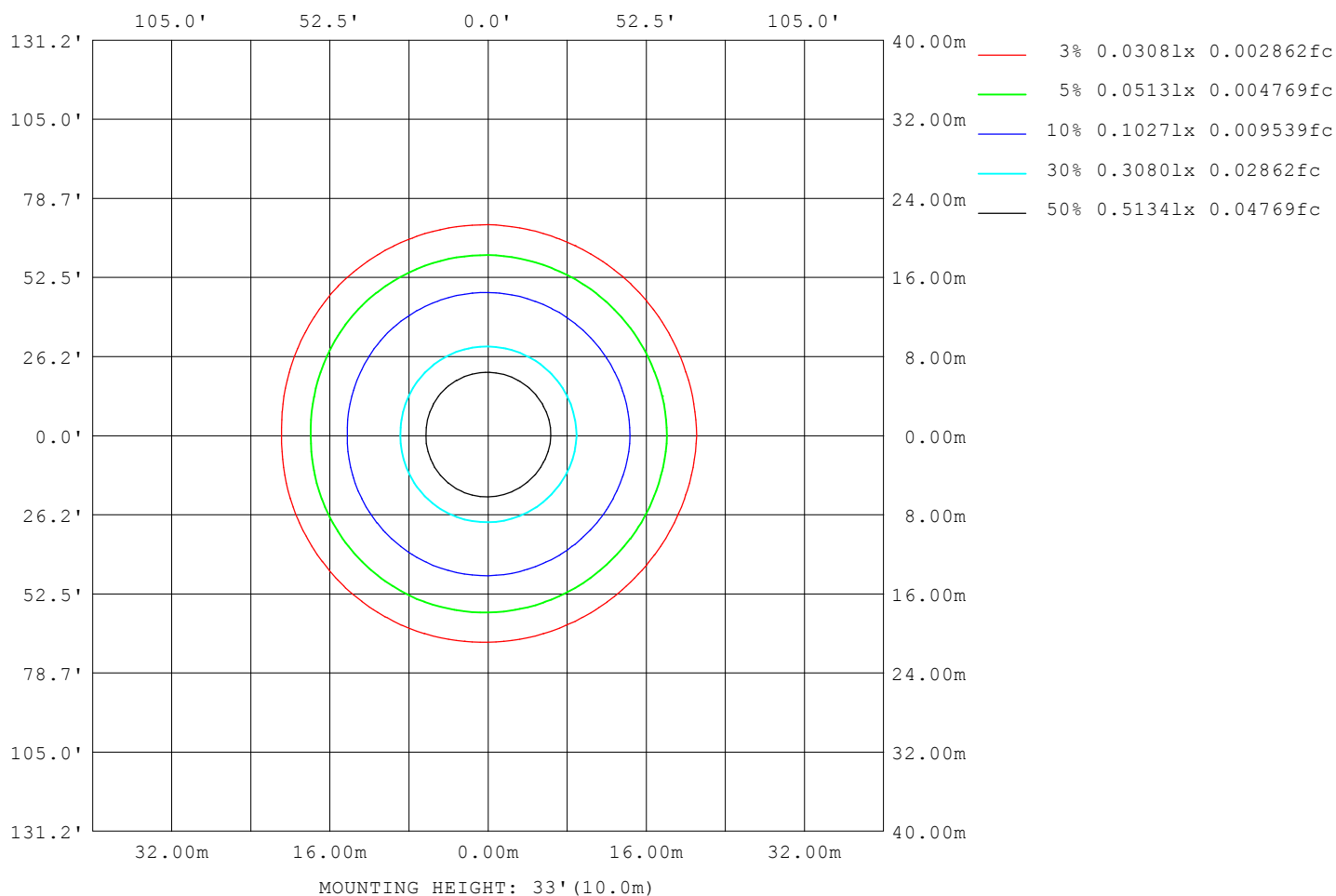
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:YSL  
Test Date:2021-07-12

☐ 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

|                                                                                   |                       |                  |
|-----------------------------------------------------------------------------------|-----------------------|------------------|
| Test:U:23.998V I:0.3964A P:9.5128W PF:1.0000 Freq:0Hz<br>Lamp Flux:2.57098x120 lm |                       |                  |
| NAME: NS-S0612-W60-10                                                             | TYPE:                 | WEIGHT:          |
| SPEC.:                                                                            | DIM.: 1*0.006*0.012MM | SERIAL No.:      |
| MFR.:                                                                             | SUR.: 0.006*1         | Shielding Angle: |



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:YSL  
Test Date:2021-07-12

☐ 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

|                                                                                   |                       |                  |
|-----------------------------------------------------------------------------------|-----------------------|------------------|
| Test:U:23.998V I:0.3964A P:9.5128W PF:1.0000 Freq:0Hz<br>Lamp Flux:2.57098x120 lm |                       |                  |
| NAME: NS-S0612-W60-10                                                             | TYPE:                 | WEIGHT:          |
| SPEC.:                                                                            | DIM.: 1*0.006*0.012MM | SERIAL No.:      |
| MFR.:                                                                             | SUR.: 0.006*1         | Shielding Angle: |

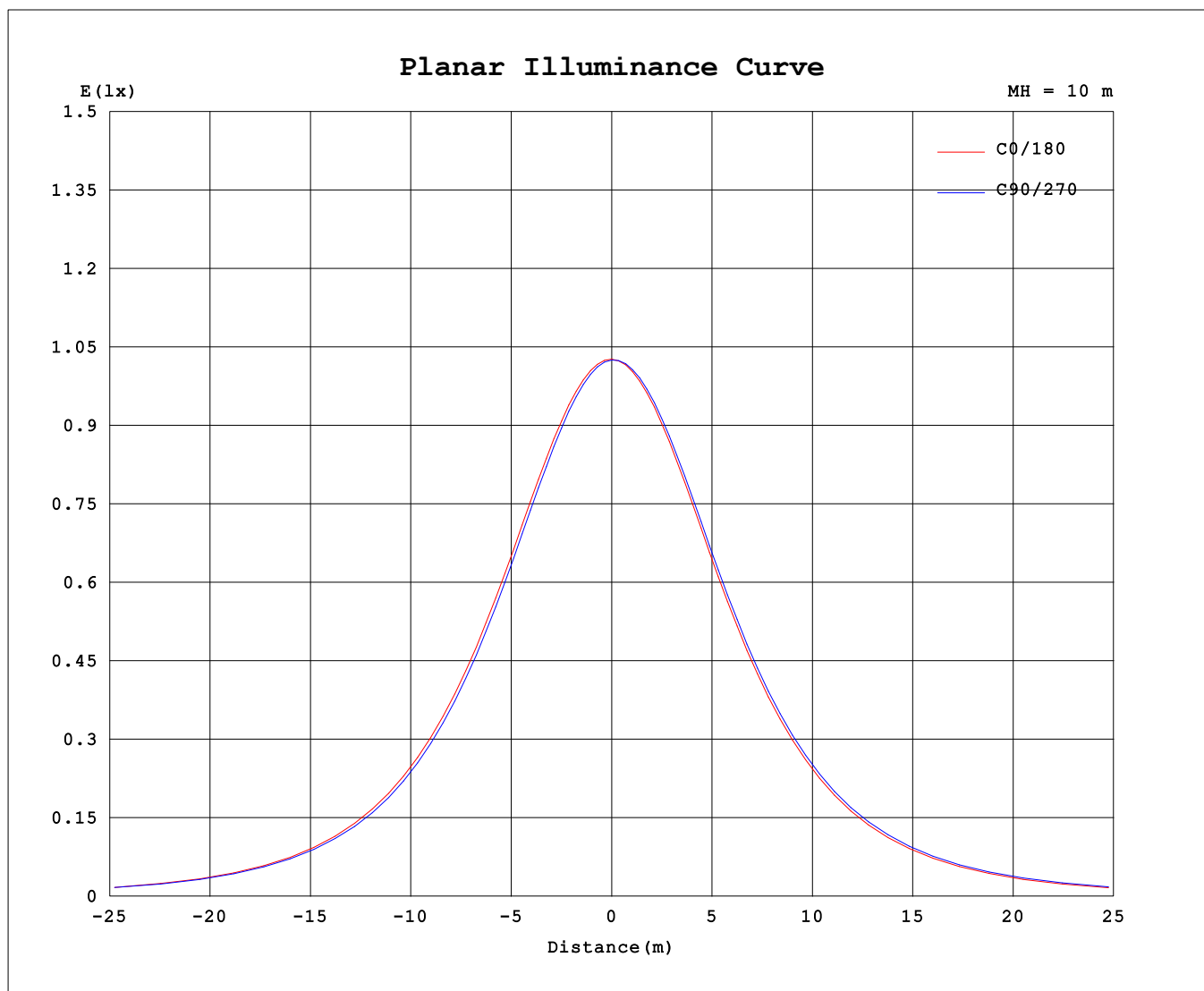
| AvgL             | cd/m2 |
|------------------|-------|
| L_0~180 (65) av  | 14882 |
| L_0~180 (75) av  | 12894 |
| L_0~180 (85) av  | 8034  |
| L_90~270 (65) av | 15232 |
| L_90~270 (75) av | 14117 |
| L_90~270 (85) av | 14753 |
| L_45 (65) av     | 15107 |
| L_45 (75) av     | 13649 |
| L_45 (85) av     | 12284 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:YSL  
 Test Date:2021-07-12

☐ 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: YSL  
Test Date: 2021-07-12

☐ 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

|                                                                                   |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |                  |  |  |
|-----------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|-----------------------|--|--|--|--|--|------------------|--|--|
| Test:U:23.998V I:0.3964A P:9.5128W PF:1.0000 Freq:0Hz<br>Lamp Flux:2.57098x120 lm |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |                  |  |  |
| NAME: NS-S0612-W60-10                                                             |  |  |  |  |  |  |  |  | TYPE:                 |  |  |  |  |  | WEIGHT:          |  |  |
| SPEC.:                                                                            |  |  |  |  |  |  |  |  | DIM.: 1*0.006*0.012MM |  |  |  |  |  | SERIAL No.:      |  |  |
| MFR.:                                                                             |  |  |  |  |  |  |  |  | SUR.: 0.006*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                  | 102  | 102  | 102  | 102  | 102  | 102   | 102  | 102   | 102  | 102   | 102  | 102   | 102   | 102   | 102  | 102   |  |  |  |
| 5                  | 102  | 102  | 102  | 102  | 102  | 102   | 102  | 102   | 102  | 102   | 102  | 103   | 102   | 102   | 102  | 102   |  |  |  |
| 10                 | 101  | 100  | 99.9 | 99.8 | 99.9 | 100   | 100  | 100   | 101  | 101   | 102  | 102   | 101   | 101   | 101  | 101   |  |  |  |
| 15                 | 99.3 | 98.6 | 98.0 | 97.8 | 97.9 | 98.3  | 98.6 | 98.7  | 98.8 | 99.5  | 100  | 100   | 100.0 | 99.6  | 99.5 | 99.4  |  |  |  |
| 20                 | 95.9 | 94.9 | 94.0 | 93.9 | 94.0 | 94.6  | 94.9 | 95.1  | 95.2 | 96.2  | 97.0 | 97.1  | 96.7  | 96.3  | 96.1 | 96.0  |  |  |  |
| 25                 | 92.9 | 91.8 | 90.8 | 90.6 | 90.8 | 91.4  | 91.8 | 92.1  | 92.1 | 93.3  | 94.3 | 94.3  | 93.9  | 93.4  | 93.2 | 93.0  |  |  |  |
| 30                 | 87.6 | 86.3 | 85.1 | 84.9 | 85.2 | 85.9  | 86.4 | 86.6  | 86.6 | 88.0  | 89.2 | 89.2  | 88.7  | 88.1  | 87.8 | 87.7  |  |  |  |
| 35                 | 83.5 | 82.0 | 80.8 | 80.5 | 80.9 | 81.7  | 82.2 | 82.4  | 82.4 | 83.9  | 85.1 | 85.1  | 84.6  | 83.9  | 83.6 | 83.5  |  |  |  |
| 40                 | 76.4 | 74.8 | 73.5 | 73.3 | 73.7 | 74.6  | 75.2 | 75.4  | 75.3 | 76.9  | 78.3 | 78.2  | 77.6  | 76.9  | 76.6 | 76.4  |  |  |  |
| 45                 | 71.2 | 69.6 | 68.2 | 68.1 | 68.5 | 69.5  | 70.0 | 70.2  | 70.0 | 71.7  | 73.2 | 73.1  | 72.4  | 71.6  | 71.3 | 71.1  |  |  |  |
| 50                 | 62.7 | 61.1 | 59.7 | 59.6 | 60.2 | 61.2  | 61.7 | 61.8  | 61.5 | 63.3  | 64.8 | 64.7  | 64.0  | 63.1  | 62.7 | 62.6  |  |  |  |
| 55                 | 56.6 | 55.0 | 53.6 | 53.7 | 54.4 | 55.4  | 55.9 | 55.8  | 55.3 | 57.2  | 58.7 | 58.7  | 57.9  | 56.9  | 56.6 | 56.4  |  |  |  |
| 60                 | 46.9 | 45.3 | 44.1 | 44.4 | 45.2 | 46.2  | 46.5 | 46.3  | 45.6 | 47.5  | 49.2 | 49.1  | 48.3  | 47.2  | 46.8 | 46.6  |  |  |  |
| 65                 | 40.1 | 38.5 | 37.5 | 38.0 | 38.9 | 39.9  | 40.1 | 39.7  | 38.8 | 40.7  | 42.5 | 42.4  | 41.7  | 40.5  | 40.0 | 39.7  |  |  |  |
| 70                 | 29.6 | 28.1 | 27.4 | 28.2 | 29.2 | 30.2  | 30.1 | 29.4  | 28.2 | 30.2  | 32.0 | 32.1  | 31.3  | 30.0  | 29.4 | 29.0  |  |  |  |
| 75                 | 22.5 | 21.1 | 20.7 | 21.6 | 22.8 | 23.7  | 23.5 | 22.5  | 21.1 | 23.0  | 25.0 | 25.1  | 24.4  | 23.1  | 22.4 | 21.8  |  |  |  |
| 80                 | 12.0 | 11.1 | 11.3 | 12.6 | 13.7 | 14.4  | 13.9 | 12.4  | 10.8 | 12.6  | 14.7 | 15.0  | 14.5  | 13.2  | 12.3 | 11.6  |  |  |  |
| 85                 | 5.97 | 5.58 | 6.38 | 7.73 | 8.71 | 9.11  | 8.32 | 6.68  | 4.93 | 6.62  | 8.70 | 9.26  | 8.89  | 7.82  | 6.81 | 5.80  |  |  |  |
| 90                 | 0.74 | 1.70 | 2.78 | 3.77 | 4.31 | 4.26  | 3.27 | 1.69  | 0.37 | 1.22  | 2.70 | 3.43  | 3.40  | 2.83  | 2.14 | 1.34  |  |  |  |
| 95                 | 0.17 | 1.42 | 2.22 | 2.86 | 3.10 | 2.96  | 2.21 | 1.18  | 0.16 | 0.61  | 1.34 | 1.89  | 2.00  | 1.80  | 1.44 | 0.96  |  |  |  |
| 100                | 0.27 | 1.33 | 1.99 | 2.44 | 2.55 | 2.42  | 1.85 | 0.95  | 0.24 | 0.44  | 0.85 | 1.38  | 1.51  | 1.40  | 1.12 | 0.68  |  |  |  |
| 105                | 0.35 | 1.33 | 1.92 | 2.31 | 2.38 | 2.26  | 1.69 | 1.03  | 0.31 | 0.44  | 0.74 | 1.20  | 1.32  | 1.22  | 0.97 | 0.57  |  |  |  |
| 110                | 0.47 | 1.33 | 1.87 | 2.18 | 2.21 | 2.11  | 1.70 | 1.01  | 0.42 | 0.49  | 0.68 | 0.98  | 1.10  | 1.03  | 0.82 | 0.54  |  |  |  |
| 115                | 0.55 | 1.33 | 1.84 | 2.13 | 2.14 | 2.04  | 1.66 | 1.02  | 0.50 | 0.51  | 0.67 | 0.90  | 1.00  | 0.95  | 0.78 | 0.56  |  |  |  |
| 120                | 0.67 | 1.31 | 1.82 | 2.06 | 2.08 | 1.96  | 1.44 | 1.05  | 0.61 | 0.57  | 0.66 | 0.84  | 0.91  | 0.88  | 0.78 | 0.60  |  |  |  |
| 125                | 0.74 | 1.29 | 1.79 | 2.03 | 2.05 | 1.93  | 1.43 | 1.06  | 0.67 | 0.62  | 0.70 | 0.83  | 0.88  | 0.87  | 0.81 | 0.65  |  |  |  |
| 130                | 0.84 | 1.25 | 1.74 | 1.98 | 2.01 | 1.73  | 1.42 | 1.03  | 0.77 | 0.71  | 0.76 | 0.80  | 0.89  | 0.91  | 0.83 | 0.75  |  |  |  |
| 135                | 0.90 | 1.23 | 1.70 | 1.93 | 1.97 | 1.65  | 1.40 | 1.03  | 0.83 | 0.77  | 0.79 | 0.83  | 0.91  | 0.92  | 0.85 | 0.81  |  |  |  |
| 140                | 0.98 | 1.22 | 1.63 | 1.85 | 1.90 | 1.57  | 1.37 | 1.05  | 0.92 | 0.85  | 0.83 | 0.88  | 0.93  | 0.94  | 0.89 | 0.91  |  |  |  |
| 145                | 1.03 | 1.22 | 1.56 | 1.79 | 1.83 | 1.53  | 1.31 | 1.08  | 0.97 | 0.90  | 0.88 | 0.90  | 0.92  | 0.94  | 0.95 | 0.96  |  |  |  |
| 150                | 1.11 | 1.23 | 1.46 | 1.66 | 1.73 | 1.45  | 1.25 | 1.17  | 1.05 | 0.99  | 0.96 | 0.96  | 0.95  | 1.00  | 1.03 | 1.05  |  |  |  |
| 155                | 1.16 | 1.25 | 1.40 | 1.57 | 1.65 | 1.37  | 1.24 | 1.21  | 1.11 | 1.04  | 1.01 | 1.01  | 1.01  | 1.04  | 1.08 | 1.10  |  |  |  |
| 160                | 1.22 | 1.29 | 1.34 | 1.42 | 1.50 | 1.30  | 1.31 | 1.25  | 1.19 | 1.13  | 1.10 | 1.09  | 1.10  | 1.12  | 1.16 | 1.19  |  |  |  |
| 165                | 1.28 | 1.32 | 1.34 | 1.35 | 1.42 | 1.30  | 1.33 | 1.29  | 1.25 | 1.20  | 1.16 | 1.15  | 1.17  | 1.17  | 1.21 | 1.24  |  |  |  |
| 170                | 1.35 | 1.38 | 1.37 | 1.36 | 1.33 | 1.34  | 1.35 | 1.37  | 1.33 | 1.30  | 1.27 | 1.25  | 1.25  | 1.26  | 1.30 | 1.33  |  |  |  |
| 175                | 1.40 | 1.41 | 1.41 | 1.39 | 1.37 | 1.38  | 1.39 | 1.40  | 1.38 | 1.36  | 1.33 | 1.32  | 1.31  | 1.32  | 1.35 | 1.38  |  |  |  |
| 180                | 1.44 | 1.43 | 1.42 | 1.40 | 1.41 | 1.40  | 1.42 | 1.44  | 1.45 | 1.43  | 1.42 | 1.40  | 1.41  | 1.40  | 1.42 | 1.44  |  |  |  |

C Range: 0 - 360DEG  
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