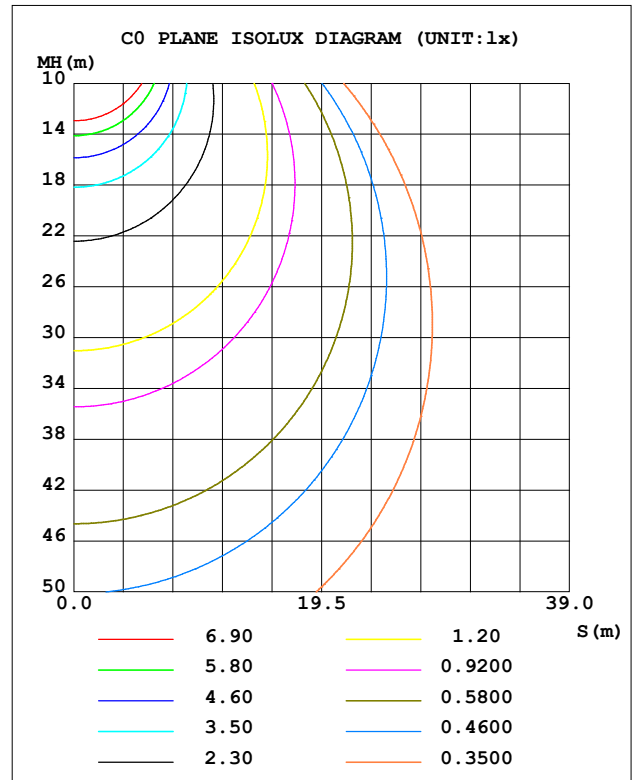
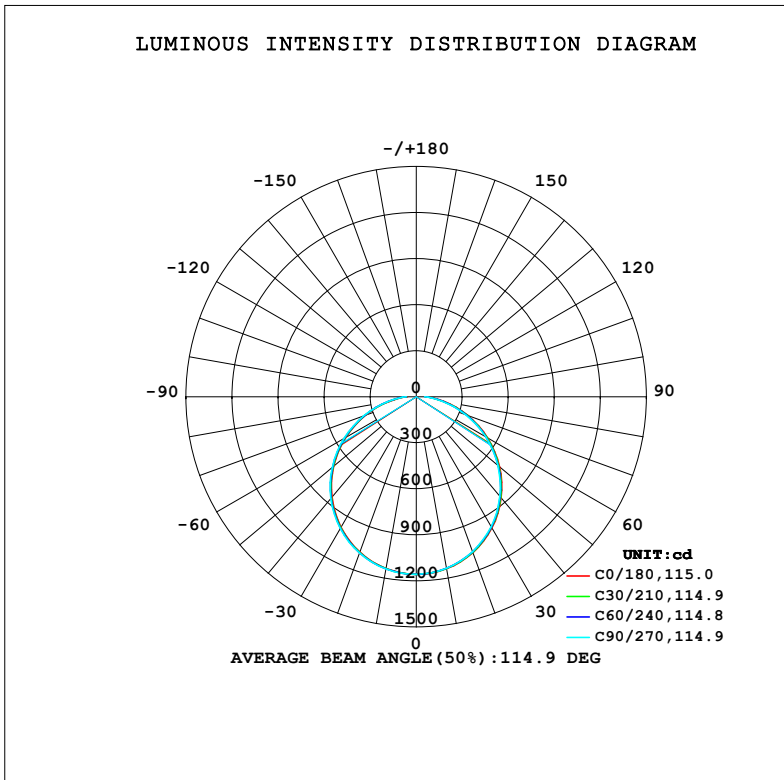


LUMINAIRE PHOTOMETRIC TEST REPORT

|                             |                 |                  |
|-----------------------------|-----------------|------------------|
| NAME: 95EL229145W/WH        | TYPE:           | WEIGHT: 1        |
| SPEC.:                      | DIM.: F480 x 60 | SERIAL No.: 0    |
| MFR.: Elmark Industries JSC | SUR.: round     | Shielding Angle: |

| DATA OF LAMP      |                | PHOTOMETRIC DATA      |        |                     |           |
|-------------------|----------------|-----------------------|--------|---------------------|-----------|
| MODEL             | 95EL229145W/WH | I <sub>max</sub> (cd) | 1157   | S/MH (C0/180)       | 1.26      |
| NOMINAL POWER (W) | 45             | LOR (%)               | 110.7  | S/MH (C90/270)      | 1.27      |
| RATED VOLTAGE (V) | 230            | TOTAL FLUX (lm)       | 3488.4 | η UP, DN (C0-180)   | 0.0, 54.8 |
| NOMINAL FLUX (lm) | 3150           | CIE CLASS             | DIRECT | η UP, DN (C180-360) | 0.0, 55.9 |
| LAMPS INSIDE      | 1              | η up (%)              | 0.0    | CIBSE SHR NOM       | 1.25      |
| TEST VOLTAGE (V)  | 230            | η down (%)            | 110.7  | CIBSE SHR MAX       | 1.35      |



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators:  
Test Date: 31 January 2023

γ Range: 0 - 90DEG  
γ Interval: 2.5DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.456  
Humidity: 65.0%  
Test Distance: 6.340m [K=1.0000]  
Remarks:

### ZONAL FLUX DIAGRAM

#### ZONAL FLUX DIAGRAM:

| $\gamma$ | C0                    | C45   | C90   | C135  | C180  | C225  | C270  | C315  | $\gamma$ | $\Phi$ zone | $\Phi$ total | %lum, lamp |
|----------|-----------------------|-------|-------|-------|-------|-------|-------|-------|----------|-------------|--------------|------------|
| 10       | 1138                  | 1136  | 1135  | 1135  | 1136  | 1138  | 1140  | 1140  | 0- 10    | 109.5       | 109.5        | 3.14, 3.48 |
| 20       | 1081                  | 1077  | 1074  | 1074  | 1077  | 1080  | 1084  | 1084  | 10- 20   | 314.1       | 423.6        | 12.1, 13.4 |
| 30       | 987.2                 | 982.0 | 976.8 | 977.4 | 982.2 | 986.6 | 991.3 | 991.9 | 20- 30   | 477.5       | 901.1        | 25.8, 28.6 |
| 40       | 861.3                 | 854.7 | 848.3 | 849.1 | 855.3 | 860.6 | 866.5 | 867.4 | 30- 40   | 578.6       | 1480         | 42.4, 47   |
| 50       | 709.3                 | 701.5 | 694.2 | 695.1 | 702.3 | 708.2 | 714.9 | 716.2 | 40- 50   | 605.0       | 2085         | 59.8, 66.2 |
| 60       | 538.2                 | 530.1 | 522.3 | 523.2 | 530.7 | 536.5 | 544.0 | 545.4 | 50- 60   | 555.4       | 2640         | 75.7, 83.8 |
| 70       | 358.7                 | 350.9 | 343.1 | 343.6 | 350.8 | 356.4 | 363.7 | 365.3 | 60- 70   | 439.6       | 3080         | 88.3, 97.8 |
| 80       | 187.6                 | 180.5 | 173.2 | 175.8 | 181.3 | 186.3 | 192.7 | 193.4 | 70- 80   | 282.0       | 3362         | 96.4, 107  |
| 90       | 61.58                 | 58.27 | 55.26 | 54.74 | 58.25 | 62.66 | 64.76 | 64.96 | 80- 90   | 126.8       | 3488         | 100, 111   |
| 100      |                       |       |       |       |       |       |       |       | 90-100   |             |              |            |
| 110      |                       |       |       |       |       |       |       |       | 100-110  |             |              |            |
| 120      |                       |       |       |       |       |       |       |       | 110-120  |             |              |            |
| 130      |                       |       |       |       |       |       |       |       | 120-130  |             |              |            |
| 140      |                       |       |       |       |       |       |       |       | 130-140  |             |              |            |
| 150      |                       |       |       |       |       |       |       |       | 140-150  |             |              |            |
| 160      |                       |       |       |       |       |       |       |       | 150-160  |             |              |            |
| 170      |                       |       |       |       |       |       |       |       | 160-170  |             |              |            |
| 180      |                       |       |       |       |       |       |       |       | 170-180  |             |              |            |
| DEG      | LUMINOUS INTENSITY:cd |       |       |       |       |       |       |       |          | UNIT:lm     |              |            |

Conical surface Flux(90deg): 1783.7 lm

%lum = 51.1%  
%lamp = 56.6%

Conical surface Flux(130deg): 2877.7 lm

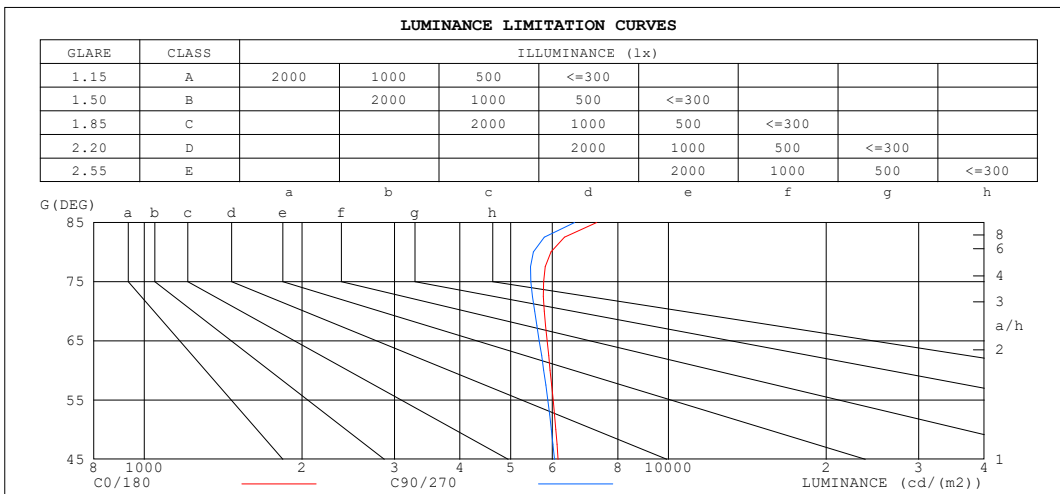
%lum = 82.5%  
%lamp = 91.4%

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:  
Test Date:31 January 2023

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 2.5DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.456  
Humidity:65.0%  
Test Distance:6.340m [K=1.0000]  
Remarks:

LUMINANCE LIMITATION CURVES

|                             |                 |                  |
|-----------------------------|-----------------|------------------|
| NAME: 95EL229145W/WH        | TYPE:           | WEIGHT: 1        |
| SPEC.:                      | DIM.: F480 x 60 | SERIAL No.: 0    |
| MFR.: Elmark Industries JSC | SUR.: round     | Shielding Angle: |



| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G (DEG)           | C0/180 | C90/270 |
| 85                | 7298   | 6617    |
| 80                | 5967   | 5521    |
| 75                | 5775   | 5464    |
| 70                | 5793   | 5552    |
| 65                | 5865   | 5667    |
| 60                | 5946   | 5781    |
| 55                | 6025   | 5886    |
| 50                | 6096   | 5976    |
| 45                | 6158   | 6056    |

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators:  
 Test Date: 31 January 2023

γ Range: 0 - 90DEG  
 γ Interval: 2.5DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.456  
 Humidity: 65.0%  
 Test Distance: 6.340m [K=1.0000]  
 Remarks:

```

γ Range: 0 - 90DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:6.340m [K=1.0000]
Remarks:

```

## WEC AND CCEC

|                             |                 |                  |
|-----------------------------|-----------------|------------------|
| NAME: 95EL229145W/WH        | TYPE:           | WEIGHT: 1        |
| SPEC.:                      | DIM.: F480 x 60 | SERIAL No.: 0    |
| MFR.: Elmark Industries JSC | SUR.: round     | 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 |      |      |      |      |      | Wall Exitance Coefficients(WEC) |      |      |      |      |      |      |      |      |   |
| 0.0  |                       |      |      |      |      |      |                                 |      |      |      |      |      |      |      |      |   |
| 1.0  | .370                  | .211 | .067 | .362 | .207 | .066 | .348                            | .199 | .064 | .334 | .193 | .062 | .321 | .186 | .060 |   |
| 2.0  | .339                  | .186 | .057 | .332 | .183 | .056 | .319                            | .178 | .055 | .307 | .172 | .054 | .296 | .167 | .053 |   |
| 3.0  | .310                  | .165 | .049 | .304 | .163 | .049 | .292                            | .158 | .048 | .282 | .154 | .047 | .272 | .150 | .047 |   |
| 4.0  | .284                  | .148 | .043 | .279 | .146 | .043 | .268                            | .142 | .043 | .259 | .139 | .042 | .250 | .136 | .041 |   |
| 5.0  | .261                  | .133 | .039 | .256 | .132 | .038 | .247                            | .129 | .038 | .239 | .126 | .037 | .231 | .123 | .037 |   |
| 6.0  | .241                  | .121 | .035 | .237 | .120 | .034 | .229                            | .117 | .034 | .221 | .115 | .034 | .214 | .113 | .034 |   |
| 7.0  | .224                  | .111 | .031 | .220 | .110 | .031 | .213                            | .108 | .031 | .206 | .106 | .031 | .200 | .104 | .031 |   |
| 8.0  | .209                  | .102 | .029 | .205 | .101 | .029 | .199                            | .099 | .028 | .193 | .098 | .028 | .187 | .096 | .028 |   |
| 9.0  | .195                  | .094 | .026 | .192 | .094 | .026 | .186                            | .092 | .026 | .181 | .091 | .026 | .176 | .089 | .026 |   |
| 10.0 | .183                  | .088 | .024 | .181 | .087 | .024 | .175                            | .086 | .024 | .170 | .085 | .024 | .166 | .083 | .024 |   |

| pcc  | 80%                   |      |      | 70%  |      |      | 50%   |      |      | 30%  |      |      | 10%  |      |      | 0 |
|------|-----------------------|------|------|------|------|------|---|------|------|------|------|------|------|------|------|---|
| pw   | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |
| ρfc  | 20%                   |      |      | 20%  |      |      | 20%   |      |      | 20%  |      |      | 20%  |      |      | 0 |
| RCR  | RCR:Room Cavity Ratio |      |      |      |      |      | Ceiling Cavity Exitance Coefficients (CCEC) |      |      |      |      |      |      |      |      |   |
| 0.0  | .211                  | .211 | .211 | .180 | .180 | .180 | .123  | .123 | .123 | .071 | .071 | .071 | .023 | .023 | .023 |   |
| 1.0  | .202                  | .173 | .147 | .172 | .148 | .126 | .118  | .102 | .087 | .068 | .059 | .051 | .022 | .019 | .016 |   |
| 2.0  | .193                  | .146 | .107 | .165 | .126 | .092 | .113  | .087 | .064 | .065 | .051 | .038 | .021 | .016 | .012 |   |
| 3.0  | .184                  | .127 | .081 | .158 | .109 | .070 | .108  | .076 | .049 | .063 | .044 | .029 | .020 | .014 | .009 |   |
| 4.0  | .176                  | .112 | .063 | .151 | .097 | .055 | .104  | .067 | .039 | .060 | .040 | .023 | .019 | .013 | .008 |   |
| 5.0  | .167                  | .101 | .051 | .144 | .087 | .045 | .099  | .061 | .032 | .057 | .036 | .019 | .018 | .012 | .006 |   |
| 6.0  | .159                  | .091 | .043 | .137 | .079 | .037 | .094  | .055 | .026 | .055 | .033 | .016 | .018 | .011 | .005 |   |
| 7.0  | .151                  | .084 | .036 | .130 | .073 | .032 | .090  | .051 | .022 | .052 | .030 | .013 | .017 | .010 | .004 |   |
| 8.0  | .144                  | .077 | .031 | .124 | .067 | .027 | .086  | .047 | .019 | .050 | .028 | .012 | .016 | .009 | .004 |   |
| 9.0  | .137                  | .072 | .028 | .118 | .062 | .024 | .082  | .044 | .017 | .048 | .026 | .010 | .015 | .008 | .003 |   |
| 10.0 | .131                  | .067 | .025 | .113 | .058 | .021 | .078  | .041 | .015 | .046 | .024 | .009 | .015 | .008 | .003 |   |

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:  
Test Date:31 January 2023

γ Range: 0 - 90DEG  
γ Interval: 2.5DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.456  
Humidity:65.0%  
Test Distance:6.340m [K=1.0000]  
Remarks:

## UGR(Unified Glare Rating) Table

|   |        |                  |      |      |                 |      |                |                  |      |      |      |
|---|--------|------------------|------|------|-----------------|------|----------------|------------------|------|------|------|
| NAME: 95EL229145W/WH  |        |                  |      |      | TYPE:           |      |                | WEIGHT: 1        |      |      |      |
| SPEC.:  |        |                  |      |      | DIM.: F480 x 60 |      |                | SERIAL No.: 0    |      |      |      |
| MFR.: Elmark Industries JSC                                     |        |                  |      |      | SUR.: round     |      |                | 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 | 15.1             | 16.6 | 15.4 | 16.8            | 17.1 | 15.0           | 16.5             | 15.3 | 16.7 | 17.0 |
|   | 3H     | 16.8             | 18.2 | 17.1 | 18.5            | 18.7 | 16.6           | 18.1             | 16.9 | 18.3 | 18.5 |
|   | 4H     | 17.5             | 18.9 | 17.8 | 19.2            | 19.4 | 17.3           | 18.7             | 17.7 | 19.0 | 19.2 |
|   | 6H     | 18.2             | 19.5 | 18.5 | 19.8            | 20.0 | 17.9           | 19.2             | 18.3 | 19.5 | 19.8 |
|   | 8H     | 18.5             | 19.7 | 18.8 | 20.0            | 20.3 | 18.2           | 19.5             | 18.5 | 19.7 | 20.0 |
|   | 12H    | 18.7             | 19.9 | 19.1 | 20.2            | 20.5 | 18.4           | 19.6             | 18.8 | 19.9 | 20.2 |
| 4H  | 2H     | 15.7             | 17.1 | 16.0 | 17.4            | 17.6 | 15.6           | 17.0             | 16.0 | 17.3 | 17.5 |
|   | 3H     | 17.6             | 18.8 | 18.0 | 19.1            | 19.4 | 17.5           | 18.7             | 17.8 | 19.0 | 19.3 |
|   | 4H     | 18.5             | 19.6 | 18.9 | 19.9            | 20.3 | 18.3           | 19.5             | 18.7 | 19.8 | 20.1 |
|   | 6H     | 19.3             | 20.3 | 19.7 | 20.7            | 21.0 | 19.1           | 20.1             | 19.5 | 20.4 | 20.8 |
|   | 8H     | 19.7             | 20.6 | 20.1 | 21.0            | 21.3 | 19.4           | 20.3             | 19.8 | 20.7 | 21.1 |
|   | 12H    | 20.0             | 20.9 | 20.4 | 21.2            | 21.7 | 19.7           | 20.6             | 20.2 | 21.0 | 21.4 |
| 8H  | 4H     | 18.8             | 19.8 | 19.2 | 20.1            | 20.5 | 18.7           | 19.6             | 19.1 | 20.0 | 20.4 |
|   | 6H     | 19.8             | 20.6 | 20.3 | 21.0            | 21.4 | 19.6           | 20.4             | 20.1 | 20.8 | 21.2 |
|   | 8H     | 20.3             | 21.0 | 20.8 | 21.4            | 21.9 | 20.1           | 20.8             | 20.5 | 21.2 | 21.7 |
|   | 12H    | 20.8             | 21.4 | 21.3 | 21.8            | 22.3 | 20.5           | 21.1             | 21.0 | 21.6 | 22.1 |
| 12H   | 4H     | 18.9             | 19.7 | 19.3 | 20.1            | 20.5 | 18.7           | 19.6             | 19.2 | 20.0 | 20.4 |
|   | 6H     | 19.9             | 20.6 | 20.4 | 21.0            | 21.5 | 19.7           | 20.4             | 20.2 | 20.9 | 21.3 |
|   | 8H     | 20.5             | 21.1 | 21.0 | 21.5            | 22.0 | 20.3           | 20.9             | 20.7 | 21.3 | 21.8 |
| Variations with the observer position at spacings(CIE Pub.117): |        |                  |      |      |                 |      |                |                  |      |      |      |
| S = 1.0H  |        | + 0.1 / - 0.2    |      |      |                 |      | + 0.1 / - 0.2  |                  |      |      |      |
| 1.5H  |        | + 0.2 / - 0.3    |      |      |                 |      | + 0.2 / - 0.3  |                  |      |      |      |
| 2.0H  |        | + 0.1 / - 0.3    |      |      |                 |      | + 0.1 / - 0.3  |                  |      |      |      |

CIE Pub.117, 3150 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 4.0)  
Area: 0.180864 m2

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:  
Test Date:31 January 2023

γ Range: 0 - 90DEG  
γ Interval: 2.5DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.456  
Humidity:65.0%  
Test Distance:6.340m [K=1.0000]  
Remarks:

### UTILIZATION FACTORS TABLE

|                             |                 |                  |
|-----------------------------|-----------------|------------------|
| NAME: 95EL229145W/WH        | TYPE:           | WEIGHT: 1        |
| SPEC.:                      | DIM.: F480 x 60 | SERIAL No.: 0    |
| MFR.: Elmark Industries JSC | SUR.: round     | Shielding Angle: |

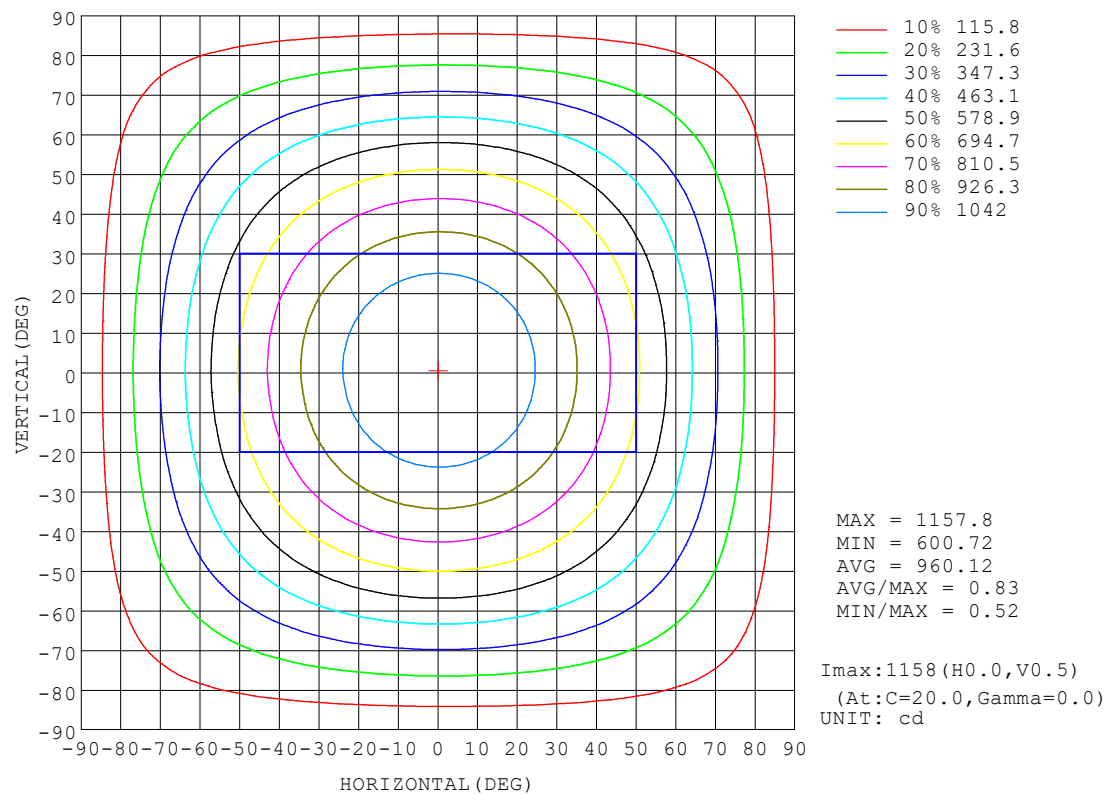
| REFLECTANCE                      |  |     |           |     |     |     |     |               |     |        |
|----------------------------------|--|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling                          | 0.8  | 0.8 | 0.8       | 0.7 | 0.7 | 0.7 | 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) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |               |     |        |
| $k = 0.60$                       | 62   | 49  | 41        | 62  | 49  | 41  | 60  | 48            | 41  | 34     |
| 0.80                             | 73   | 60  | 52        | 72  | 60  | 52  | 70  | 59            | 51  | 43     |
| 1.00                             | 83   | 70  | 61        | 81  | 69  | 61  | 79  | 71            | 61  | 52     |
| 1.25                             | 90   | 78  | 70        | 89  | 78  | 70  | 86  | 76            | 69  | 60     |
| 1.50                             | 96   | 84  | 76        | 94  | 83  | 76  | 91  | 81            | 75  | 66     |
| 2.00                             | 104  | 94  | 86        | 102 | 92  | 85  | 98  | 90            | 84  | 75     |
| 2.50                             | 108  | 99  | 92        | 106 | 97  | 91  | 101 | 94            | 89  | 79     |
| 3.00                             | 112  | 104 | 97        | 109 | 102 | 96  | 105 | 99            | 94  | 84     |
| 4.00                             | 116  | 110 | 104       | 114 | 108 | 103 | 109 | 104           | 100 | 90     |
| 5.00                             | 119  | 113 | 109       | 117 | 111 | 107 | 111 | 107           | 103 | 93     |
| ROOM INDEX                       | UF(total)  |     |           |     |     |     |     |               |     | Direct |
| According to DIN EN 13032-2 2004 |  |     | Suspended |     |     |     |     | SHRNOM = 1.25 |     |        |

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators:  
Test Date: 31 January 2023

γ Range: 0 - 90DEG  
γ Interval: 2.5DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.456  
Humidity: 65.0%  
Test Distance: 6.340m [K=1.0000]  
Remarks:

ISOCANDELA DIAGRAM

|                             |                 |                  |
|-----------------------------|-----------------|------------------|
| NAME: 95EL229145W/WH        | TYPE:           | WEIGHT: 1        |
| SPEC.:                      | DIM.: F480 x 60 | SERIAL No.: 0    |
| MFR.: Elmark Industries JSC | SUR.: round     | Shielding Angle: |

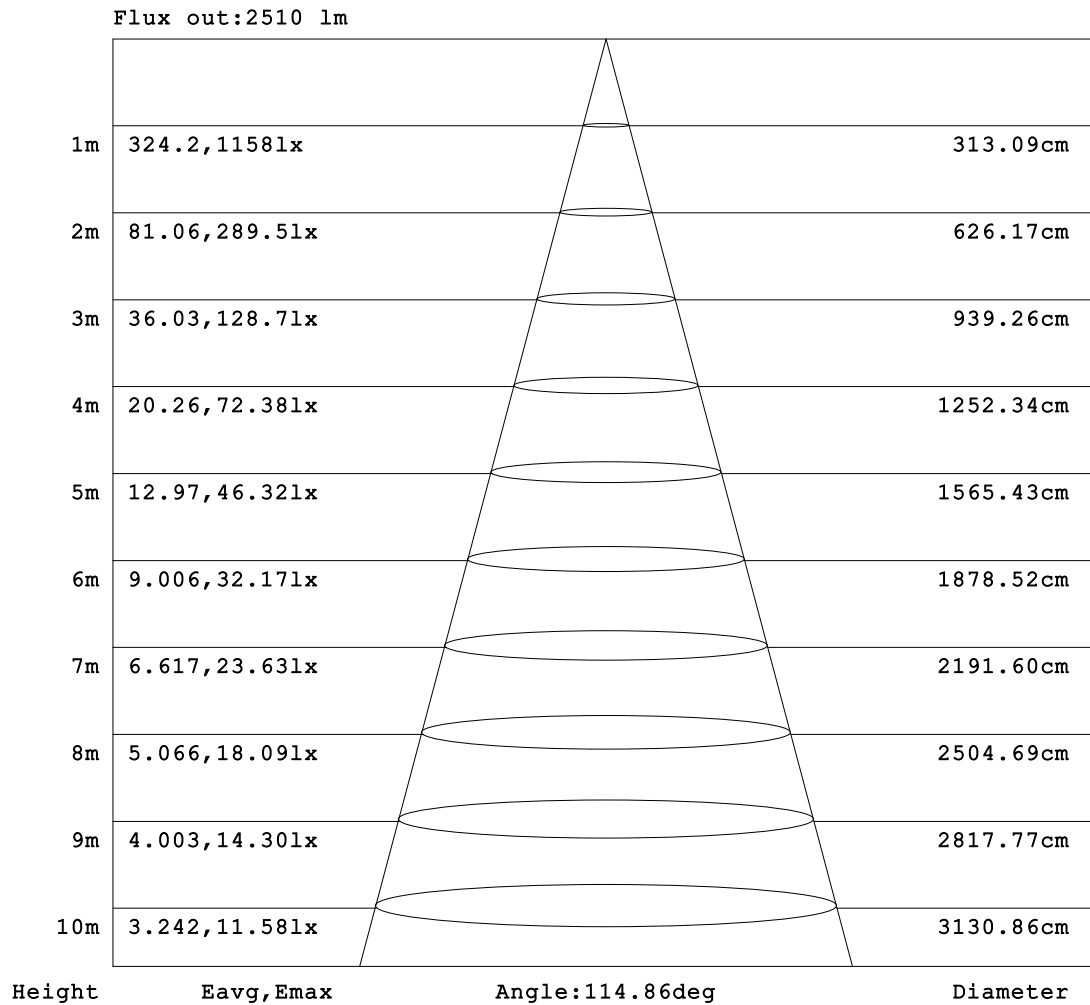


C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:  
 Test Date:31 January 2023

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 2.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.456  
 Humidity:65.0%  
 Test Distance:6.340m [K=1.0000]  
 Remarks:

**AAI Figure**

|                             |                 |                  |
|-----------------------------|-----------------|------------------|
| NAME: 95EL229145W/WH        | TYPE:           | WEIGHT: 1        |
| SPEC.:                      | DIM.: F480 x 60 | SERIAL No.: 0    |
| MFR.: Elmark Industries JSC | SUR.: round     | Shielding Angle: |



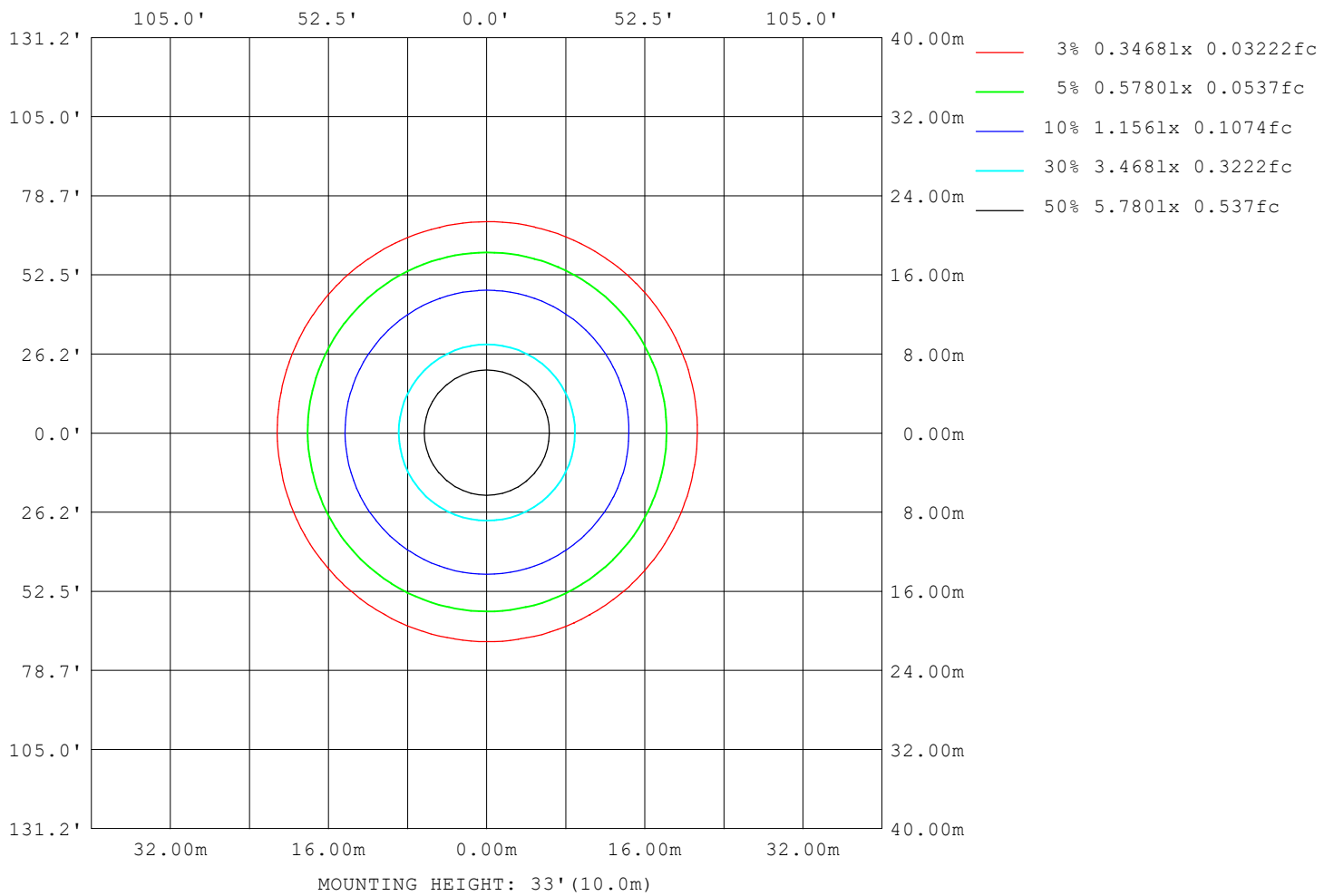
**Note:** The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators:  
 Test Date: 31 January 2023

γ Range: 0 - 90DEG  
 γ Interval: 2.5DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.456  
 Humidity: 65.0%  
 Test Distance: 6.340m [K=1.0000]  
 Remarks:

ISOLUX DIAGRAM

|                             |                 |                  |
|-----------------------------|-----------------|------------------|
| NAME: 95EL229145W/WH        | TYPE:           | WEIGHT: 1        |
| SPEC.:                      | DIM.: F480 x 60 | SERIAL No.: 0    |
| MFR.: Elmark Industries JSC | SUR.: round     | Shielding Angle: |



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators:  
 Test Date: 31 January 2023

γ Range: 0 - 90DEG  
 γ Interval: 2.5DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.456  
 Humidity: 65.0%  
 Test Distance: 6.340m [K=1.0000]  
 Remarks:

### LED Avg.L Report

|                             |                 |                  |
|-----------------------------|-----------------|------------------|
| NAME: 95EL229145W/WH        | TYPE:           | WEIGHT: 1        |
| SPEC.:                      | DIM.: F480 x 60 | SERIAL No.: 0    |
| MFR.: Elmark Industries JSC | SUR.: round     | Shielding Angle: |

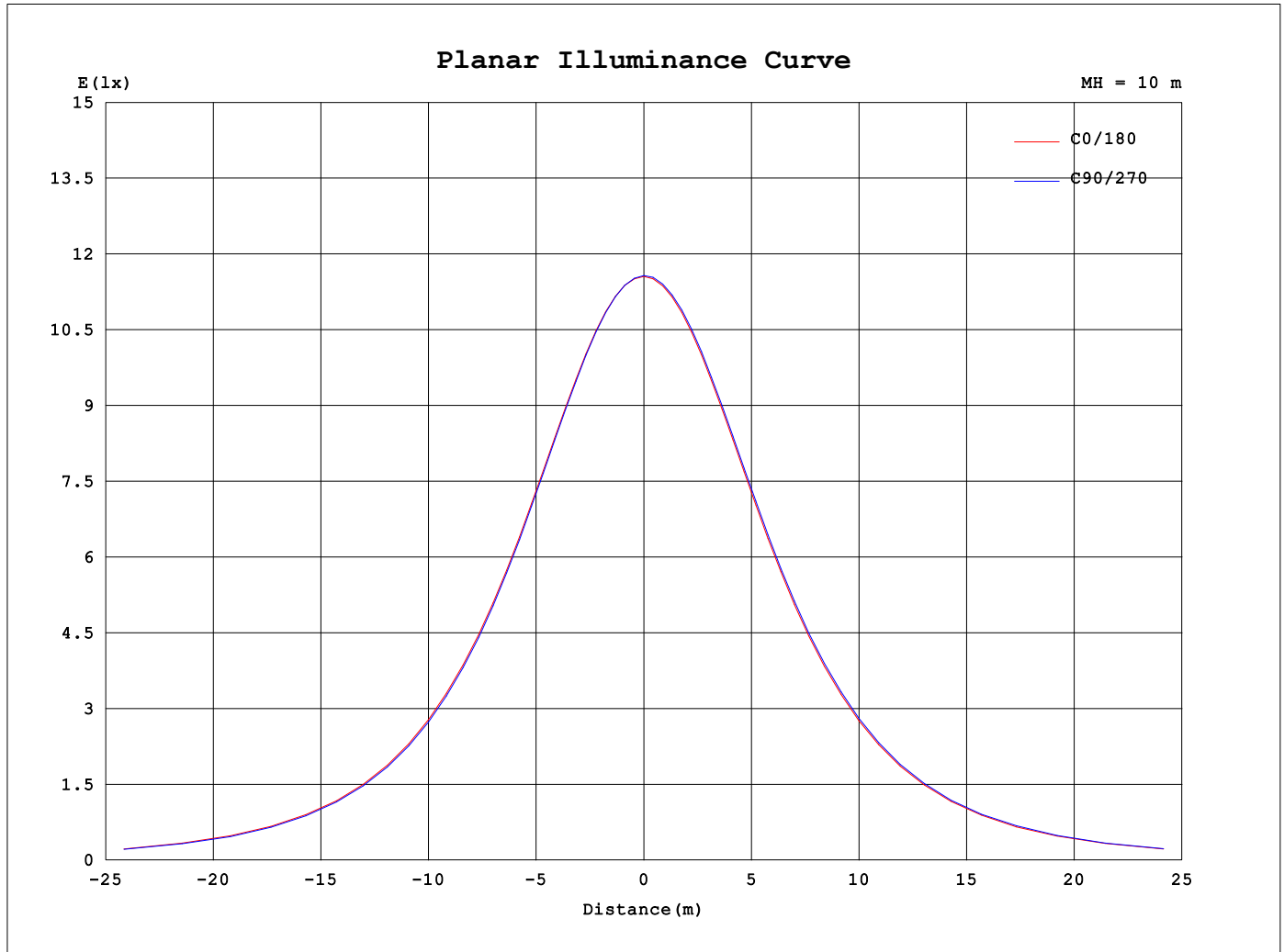
| AvgL             | cd/m2 |
|------------------|-------|
| L_0~180 (65) av  | 5818  |
| L_0~180 (75) av  | 5701  |
| L_0~180 (85) av  | 7177  |
| L_90~270 (65) av | 5801  |
| L_90~270 (75) av | 5672  |
| L_90~270 (85) av | 7139  |
| L_45 (65) av     | 5810  |
| L_45 (75) av     | 5686  |
| L_45 (85) av     | 7163  |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:  
Test Date:31 January 2023

γ Range: 0 - 90DEG  
γ Interval: 2.5DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.456  
Humidity:65.0%  
Test Distance:6.340m [K=1.0000]  
Remarks:

# Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators:  
 Test Date: 31 January 2023

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 2.5DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.456  
 Humidity: 65.0%  
 Test Distance: 6.340m [K=1.0000]  
 Remarks:

```

γ Range: 0 - 90DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:6.340m [K=1.0000]
Remarks:

```

```

γ Range: 0 - 90DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:6.340m [K=1.0000]
Remarks:

```

```

γ Range: 0 - 90DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:6.340m [K=1.0000]
Remarks:

```

```

γ Range: 0 - 90DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:6.340m [K=1.0000]
Remarks:

```