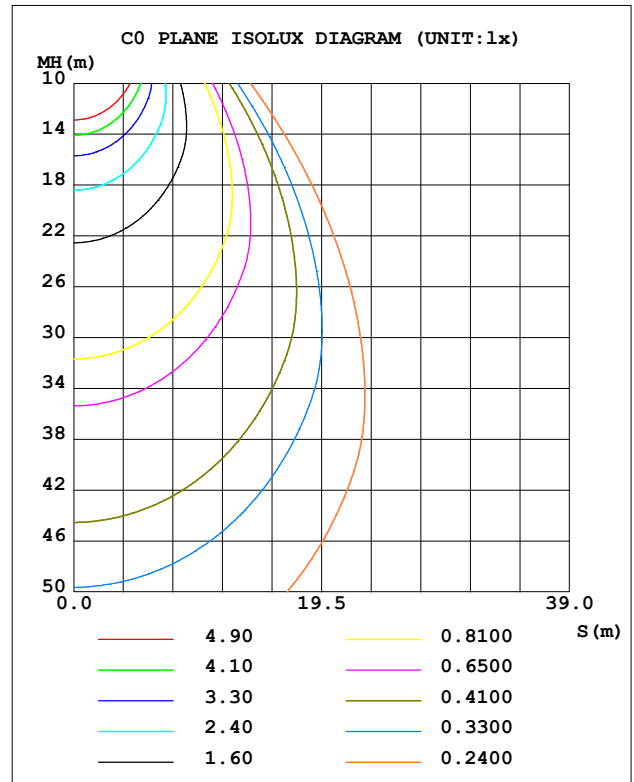
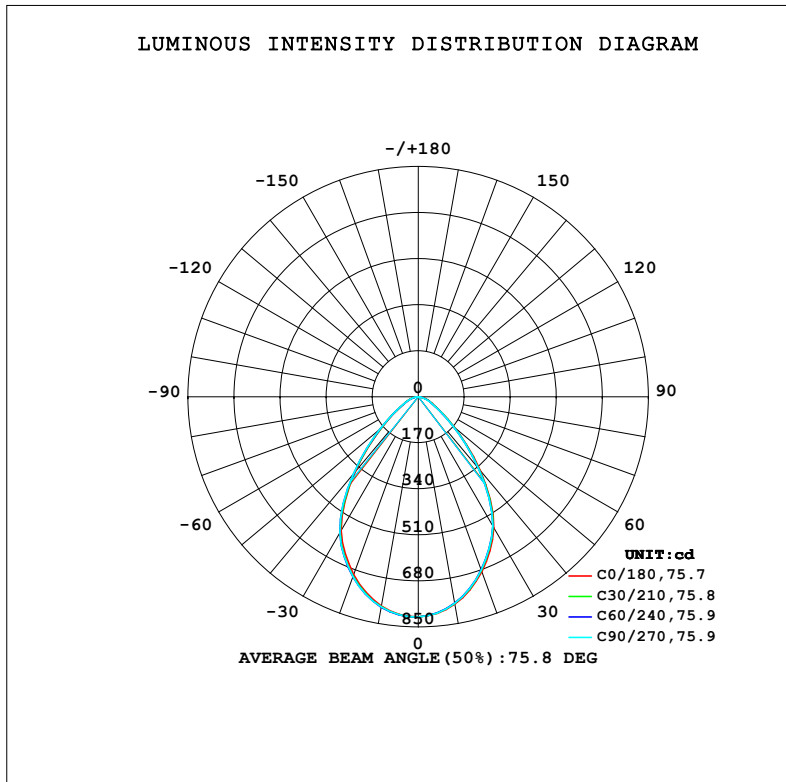


## LUMINAIRE PHOTOMETRIC TEST REPORT

|                             |                  |                  |
|-----------------------------|------------------|------------------|
| NAME: 92EL62281365/WH       | TYPE:            | WEIGHT: 1        |
| SPEC.:                      | DIM.: F 120 x 60 | SERIAL No.: 0    |
| MFR.: Elmark Industries JSC | SUR.: Round      | Shielding Angle: |

| DATA OF LAMP      |                 | PHOTOMETRIC DATA |        |                          |           |
|-------------------|-----------------|------------------|--------|--------------------------|-----------|
| MODEL             | 92EL62281365/WH | Imax (cd)        | 812.3  | S/MH (C0/180)            | 1.08      |
| NOMINAL POWER (W) | 12              | LOR (%)          | 125.5  | S/MH (C90/270)           | 1.09      |
| RATED VOLTAGE (V) | 230             | TOTAL FLUX (lm)  | 1254.9 | $\eta$ UP, DN (C0-180)   | 0.0, 61.5 |
| NOMINAL FLUX (lm) | 1000            | CIE CLASS        | DIRECT | $\eta$ UP, DN (C180-360) | 0.0, 64.0 |
| LAMPS INSIDE      | 1               | $\eta$ up (%)    | 0.0    | CIBSE SHR NOM            | 1.00      |
| TEST VOLTAGE (V)  | 230             | $\eta$ down (%)  | 125.5  | CIBSE SHR MAX            | 1.15      |



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: MEDIUM  
Temperature: 25.3°C  
Operators:  
Test Date: 07 December 2022

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 2.5DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.456  
Humidity: 65.0%  
Test Distance: 6.265m [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       | 777.9                 | 774.5  | 774.8  | 778.8  | 784.4  | 788.3  | 788.3  | 783.8  | 0- 10    | 76.06       | 76.06        | 6.06,7.61  |
| 20       | 687.0                 | 680.7  | 680.9  | 687.9  | 698.2  | 706.3  | 706.4  | 697.8  | 10- 20   | 208.8       | 284.9        | 22.7,28.5  |
| 30       | 559.0                 | 551.5  | 551.0  | 557.6  | 569.1  | 578.7  | 580.0  | 571.3  | 20- 30   | 290.7       | 575.6        | 45.9,57.6  |
| 40       | 356.6                 | 349.9  | 348.6  | 353.2  | 363.0  | 372.3  | 374.5  | 367.5  | 30- 40   | 290.7       | 866.3        | 69,86.6    |
| 50       | 171.6                 | 167.2  | 166.2  | 167.8  | 174.0  | 180.3  | 182.2  | 178.5  | 40- 50   | 200.4       | 1067         | 85,107     |
| 60       | 76.02                 | 73.55  | 71.14  | 72.69  | 75.22  | 78.44  | 79.17  | 78.39  | 50- 60   | 105.1       | 1172         | 93.4,117   |
| 70       | 39.51                 | 36.04  | 33.13  | 36.69  | 39.62  | 39.24  | 37.39  | 39.57  | 60- 70   | 53.82       | 1226         | 97.7,123   |
| 80       | 14.12                 | 9.882  | 7.805  | 10.76  | 13.50  | 12.55  | 10.67  | 12.53  | 70- 80   | 25.22       | 1251         | 99.7,125   |
| 90       | 0.2582                | 0.2531 | 0.2450 | 0.2532 | 0.2310 | 0.2150 | 0.2151 | 0.2151 | 80- 90   | 4.101       | 1255         | 100,125    |
| 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): 980.32 lm

%lum = 78.1%

%lamp = 98.0%

Conical surface Flux(130deg): 1202.6 lm

%lum = 95.8%

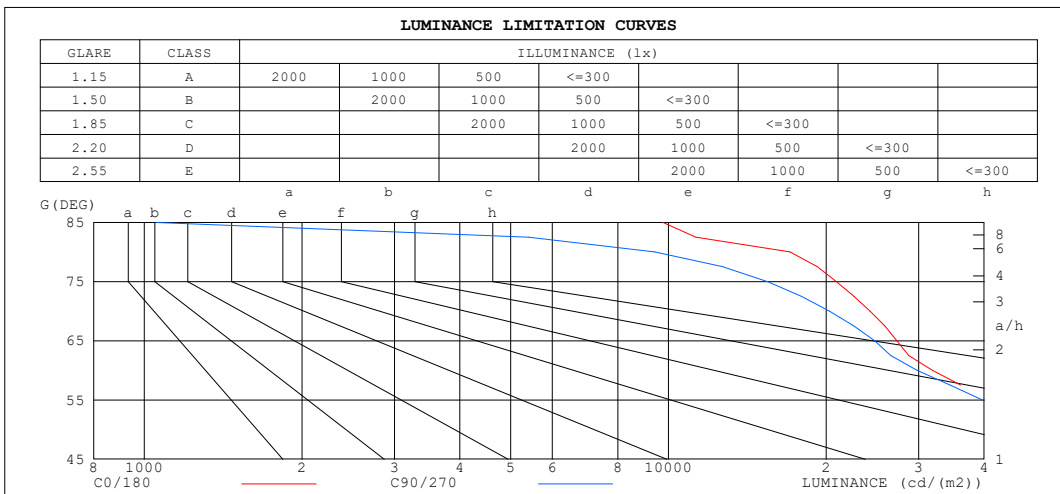
%lamp = 120.3%

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: MEDIUM  
Temperature:25.3°C  
Operators:  
Test Date:07 December 2022

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 2.5DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.456  
Humidity:65.0%  
Test Distance:6.265m [K=1.0000]  
Remarks:

**LUMINANCE LIMITATION CURVES**

|                             |                  |                  |
|-----------------------------|------------------|------------------|
| NAME: 92EL62281365/WH       | TYPE:            | WEIGHT: 1        |
| SPEC.:                      | DIM.: F 120 x 60 | SERIAL No.: 0    |
| MFR.: Elmark Industries JSC | SUR.: Round      | Shielding Angle: |



| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G (DEG)           | C0/180 | C90/270 |
| 85                | 9754   | 1053    |
| 80                | 17056  | 9411    |
| 75                | 20904  | 15452   |
| 70                | 24227  | 20278   |
| 65                | 27254  | 24749   |
| 60                | 31887  | 29791   |
| 55                | 41388  | 39740   |
| 50                | 56001  | 54146   |
| 45                | 75627  | 73367   |

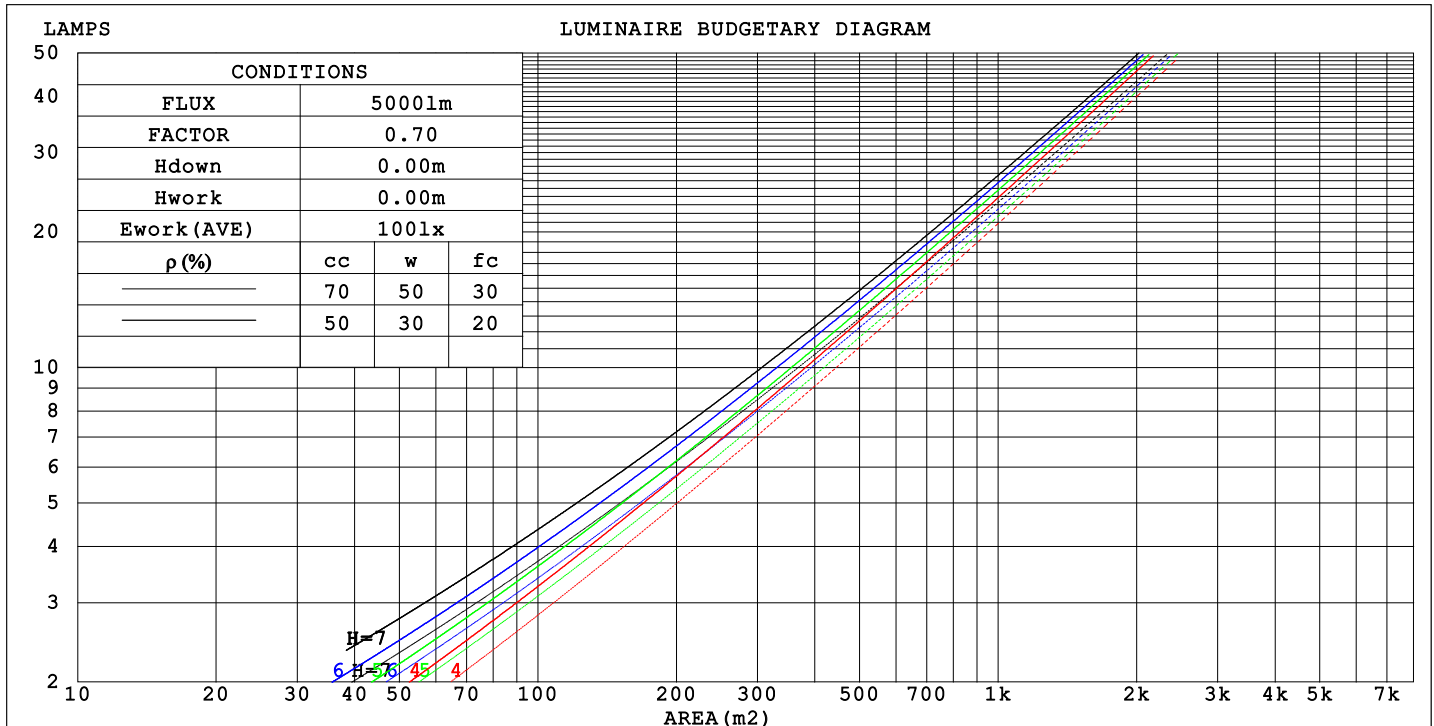
C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: MEDIUM  
 Temperature: 25.3°C  
 Operators:  
 Test Date: 07 December 2022

γ Range: 0 - 90DEG  
 γ Interval: 2.5DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.456  
 Humidity: 65.0%  
 Test Distance: 6.265m [K=1.0000]  
 Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

|                             |                  |                  |
|-----------------------------|------------------|------------------|
| NAME: 92EL62281365/WH       | TYPE:            | WEIGHT: 1        |
| SPEC.:                      | DIM.: F 120 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 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: MEDIUM  
Temperature:25.3°C  
Operators:  
Test Date:07 December 2022

γ Range: 0 - 90DEG  
γ Interval: 2.5DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.456  
Humidity:65.0%  
Test Distance:6.265m [K=1.0000]  
Remarks:

## WEC AND CCEC

|                             |                  |                  |
|-----------------------------|------------------|------------------|
| NAME: 92EL62281365/WH       | TYPE:            | WEIGHT: 1        |
| SPEC.:                      | DIM.: F 120 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 Coeffcients(WEC) |      |      |      |      |      |      |      |      |   |
| 0.0  |                       |      |      |      |      |      |                                |      |      |      |      |      |      |      |      |   |
| 1.0  | .287                  | .163 | .052 | .279 | .159 | .050 | .263                           | .151 | .048 | .248 | .143 | .046 | .234 | .136 | .044 |   |
| 2.0  | .278                  | .152 | .047 | .270 | .149 | .046 | .256                           | .143 | .044 | .244 | .137 | .043 | .232 | .131 | .041 |   |
| 3.0  | .264                  | .140 | .042 | .257 | .138 | .041 | .245                           | .133 | .040 | .234 | .128 | .039 | .224 | .124 | .038 |   |
| 4.0  | .249                  | .129 | .038 | .243 | .127 | .038 | .233                           | .124 | .037 | .223 | .120 | .036 | .214 | .116 | .035 |   |
| 5.0  | .235                  | .120 | .035 | .230 | .118 | .034 | .221                           | .115 | .034 | .212 | .112 | .033 | .204 | .109 | .033 |   |
| 6.0  | .222                  | .111 | .032 | .218 | .110 | .032 | .209                           | .107 | .031 | .202 | .105 | .031 | .194 | .102 | .030 |   |
| 7.0  | .210                  | .104 | .029 | .206 | .103 | .029 | .199                           | .100 | .029 | .192 | .098 | .029 | .185 | .096 | .028 |   |
| 8.0  | .199                  | .097 | .027 | .195 | .096 | .027 | .189                           | .094 | .027 | .183 | .092 | .027 | .177 | .091 | .026 |   |
| 9.0  | .189                  | .091 | .025 | .186 | .090 | .025 | .180                           | .089 | .025 | .174 | .087 | .025 | .169 | .086 | .025 |   |
| 10.0 | .179                  | .086 | .024 | .177 | .085 | .024 | .171                           | .084 | .024 | .166 | .082 | .023 | .161 | .081 | .023 |   |

| 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 |      |      |      |      |      | Ceiling Cavity Exitance Coefficients (CCEC) |      |      |      |      |      |      |      |      |   |
| 0.0  | .239                  | .239 | .239 | .204 | .204 | .204 | .139                                        | .139 | .139 | .080 | .080 | .080 | .026 | .026 | .026 |   |
| 1.0  | .219                  | .197 | .177 | .188 | .169 | .152 | .128                                        | .116 | .105 | .074 | .067 | .061 | .024 | .022 | .020 |   |
| 2.0  | .204                  | .166 | .134 | .175 | .143 | .116 | .120                                        | .099 | .081 | .069 | .057 | .047 | .022 | .019 | .015 |   |
| 3.0  | .192                  | .143 | .104 | .165 | .123 | .090 | .113                                        | .086 | .063 | .065 | .050 | .037 | .021 | .016 | .012 |   |
| 4.0  | .181                  | .125 | .083 | .155 | .108 | .072 | .107                                        | .075 | .051 | .062 | .044 | .030 | .020 | .014 | .010 |   |
| 5.0  | .172                  | .112 | .067 | .147 | .096 | .058 | .101                                        | .067 | .041 | .059 | .040 | .024 | .019 | .013 | .008 |   |
| 6.0  | .163                  | .101 | .056 | .140 | .087 | .049 | .097                                        | .061 | .034 | .056 | .036 | .020 | .018 | .012 | .007 |   |
| 7.0  | .155                  | .092 | .047 | .133 | .079 | .041 | .092                                        | .056 | .029 | .054 | .033 | .017 | .017 | .011 | .006 |   |
| 8.0  | .148                  | .084 | .040 | .127 | .073 | .035 | .088                                        | .051 | .025 | .051 | .030 | .015 | .017 | .010 | .005 |   |
| 9.0  | .141                  | .078 | .035 | .121 | .068 | .031 | .084                                        | .047 | .022 | .049 | .028 | .013 | .016 | .009 | .004 |   |
| 10.0 | .135                  | .072 | .031 | .116 | .063 | .027 | .081                                        | .044 | .019 | .047 | .026 | .011 | .015 | .009 | .004 |   |

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: MEDIUM  
Temperature:25.3°C  
Operators:  
Test Date:07 December 2022

γ Range: 0 - 90DEG  
γ Interval: 2.5DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.456  
Humidity:65.0%  
Test Distance:6.265m [K=1.0000]  
Remarks:

## UGR(Unified Glare Rating) Table

|                                                                 |        |                  |      |      |      |                  |                |      |                  |      |      |
|-----------------------------------------------------------------|--------|------------------|------|------|------|------------------|----------------|------|------------------|------|------|
| NAME: 92EL62281365/WH                                           |        |                  |      |      |      | TYPE:            |                |      | WEIGHT: 1        |      |      |
| SPEC.:                                                          |        |                  |      |      |      | DIM.: F 120 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 | 24.7             | 26.0 | 25.0 | 26.1 | 26.3             | 24.6           | 25.8 | 24.8             | 26.0 | 26.2 |
|                                                                 | 3H     | 25.2             | 26.3 | 25.4 | 26.5 | 26.7             | 24.9           | 26.0 | 25.2             | 26.2 | 26.5 |
|                                                                 | 4H     | 25.3             | 26.4 | 25.6 | 26.6 | 26.9             | 25.0           | 26.0 | 25.3             | 26.3 | 26.5 |
|                                                                 | 6H     | 25.4             | 26.4 | 25.8 | 26.7 | 27.0             | 25.0           | 26.0 | 25.3             | 26.2 | 26.5 |
|                                                                 | 8H     | 25.4             | 26.4 | 25.8 | 26.7 | 26.9             | 24.9           | 25.9 | 25.2             | 26.2 | 26.4 |
|                                                                 | 12H    | 25.4             | 26.3 | 25.8 | 26.6 | 26.9             | 24.9           | 25.8 | 25.2             | 26.1 | 26.4 |
| 4H                                                              | 2H     | 24.8             | 25.9 | 25.1 | 26.1 | 26.3             | 24.7           | 25.7 | 25.0             | 26.0 | 26.2 |
|                                                                 | 3H     | 25.4             | 26.3 | 25.7 | 26.6 | 26.9             | 25.1           | 26.0 | 25.5             | 26.3 | 26.6 |
|                                                                 | 4H     | 25.7             | 26.5 | 26.0 | 26.8 | 27.1             | 25.3           | 26.1 | 25.6             | 26.4 | 26.7 |
|                                                                 | 6H     | 25.8             | 26.6 | 26.2 | 26.9 | 27.3             | 25.3           | 26.0 | 25.7             | 26.4 | 26.7 |
|                                                                 | 8H     | 25.9             | 26.5 | 26.3 | 26.9 | 27.3             | 25.3           | 25.9 | 25.7             | 26.3 | 26.7 |
|                                                                 | 12H    | 25.9             | 26.5 | 26.3 | 26.9 | 27.3             | 25.2           | 25.8 | 25.6             | 26.2 | 26.6 |
| 8H                                                              | 4H     | 25.7             | 26.3 | 26.1 | 26.7 | 27.1             | 25.3           | 26.0 | 25.7             | 26.3 | 26.7 |
|                                                                 | 6H     | 25.9             | 26.5 | 26.3 | 26.9 | 27.3             | 25.4           | 25.9 | 25.8             | 26.3 | 26.7 |
|                                                                 | 8H     | 25.9             | 26.4 | 26.4 | 26.9 | 27.3             | 25.3           | 25.8 | 25.8             | 26.2 | 26.7 |
|                                                                 | 12H    | 26.0             | 26.4 | 26.4 | 26.8 | 27.3             | 25.3           | 25.7 | 25.8             | 26.2 | 26.6 |
| 12H                                                             | 4H     | 25.6             | 26.2 | 26.0 | 26.6 | 27.0             | 25.3           | 25.9 | 25.7             | 26.3 | 26.7 |
|                                                                 | 6H     | 25.9             | 26.4 | 26.3 | 26.8 | 27.2             | 25.3           | 25.8 | 25.8             | 26.2 | 26.7 |
|                                                                 | 8H     | 25.9             | 26.3 | 26.4 | 26.8 | 27.3             | 25.3           | 25.7 | 25.8             | 26.2 | 26.6 |
| Variations with the observer position at spacings(CIE Pub.117): |        |                  |      |      |      |                  |                |      |                  |      |      |
| S = 1.0H                                                        |        | + 0.9 / - 1.3    |      |      |      |                  | + 1.1 / - 1.6  |      |                  |      |      |
| 1.5H                                                            |        | + 1.1 / - 1.1    |      |      |      |                  | + 1.2 / - 1.2  |      |                  |      |      |
| 2.0H                                                            |        | + 2.2 / - 1.5    |      |      |      |                  | + 2.4 / - 1.8  |      |                  |      |      |

CIE Pub.117, 1000 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.0)  
Area: 0.00477594 m2

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: MEDIUM  
Temperature:25.3°C  
Operators:  
Test Date:07 December 2022

γ Range: 0 - 90DEG  
γ Interval: 2.5DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.456  
Humidity:65.0%  
Test Distance:6.265m [K=1.0000]  
Remarks:

### UTILIZATION FACTORS TABLE

|                             |                  |                  |
|-----------------------------|------------------|------------------|
| NAME: 92EL62281365/WH       | TYPE:            | WEIGHT: 1        |
| SPEC.:                      | DIM.: F 120 x 60 | SERIAL No.: 0    |
| MFR.: Elmark Industries JSC | SUR.: Round      | Shielding Angle: |

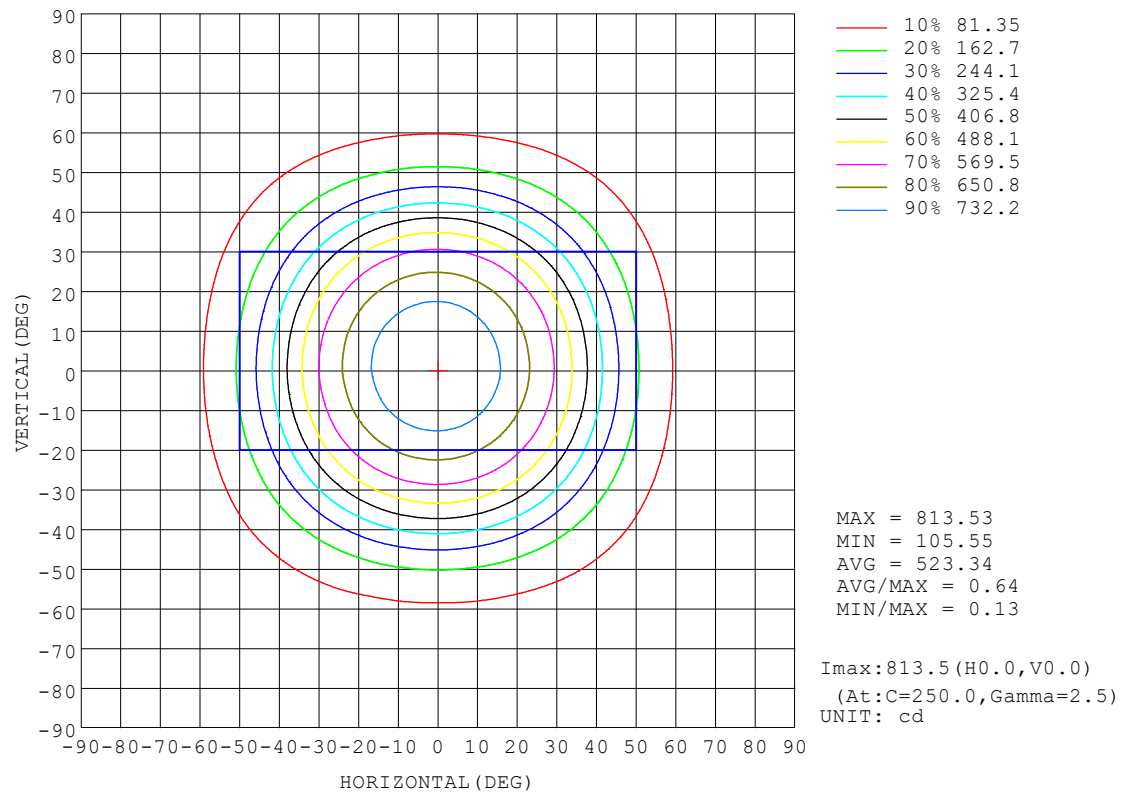
| REFLECTANCE                      |                                                      |     |           |     |     |     |     |               |     |        |
|----------------------------------|------------------------------------------------------|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| 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) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |               |     |        |
| $k = 0.60$                       | 90                                                   | 79  | 72        | 90  | 79  | 72  | 88  | 78            | 72  | 66     |
| 0.80                             | 102                                                  | 91  | 84        | 101 | 91  | 84  | 99  | 90            | 84  | 77     |
| 1.00                             | 111                                                  | 101 | 94        | 110 | 100 | 94  | 107 | 101           | 93  | 86     |
| 1.25                             | 118                                                  | 109 | 102       | 117 | 108 | 102 | 114 | 106           | 101 | 94     |
| 1.50                             | 123                                                  | 114 | 108       | 121 | 113 | 108 | 118 | 111           | 106 | 99     |
| 2.00                             | 129                                                  | 122 | 116       | 127 | 120 | 115 | 123 | 118           | 113 | 105    |
| 2.50                             | 132                                                  | 126 | 120       | 130 | 124 | 119 | 126 | 121           | 117 | 108    |
| 3.00                             | 135                                                  | 129 | 124       | 133 | 127 | 123 | 128 | 124           | 120 | 111    |
| 4.00                             | 139                                                  | 134 | 130       | 136 | 132 | 128 | 131 | 128           | 125 | 115    |
| 5.00                             | 141                                                  | 137 | 133       | 138 | 134 | 131 | 133 | 130           | 127 | 117    |
| ROOM INDEX                       | UF(total)                                            |     |           |     |     |     |     |               |     | Direct |
| According to DIN EN 13032-2 2004 |                                                      |     | Suspended |     |     |     |     | SHRNOM = 1.25 |     |        |

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: MEDIUM  
Temperature: 25.3°C  
Operators:  
Test Date: 07 December 2022

γ Range: 0 - 90DEG  
γ Interval: 2.5DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.456  
Humidity: 65.0%  
Test Distance: 6.265m [K=1.0000]  
Remarks:

# ISOCANDELA DIAGRAM

|                             |                  |                  |
|-----------------------------|------------------|------------------|
| NAME: 92EL62281365/WH       | TYPE:            | WEIGHT: 1        |
| SPEC.:                      | DIM.: F 120 x 60 | SERIAL No.: 0    |
| MFR.: Elmark Industries JSC | SUR.: Round      | Shielding Angle: |



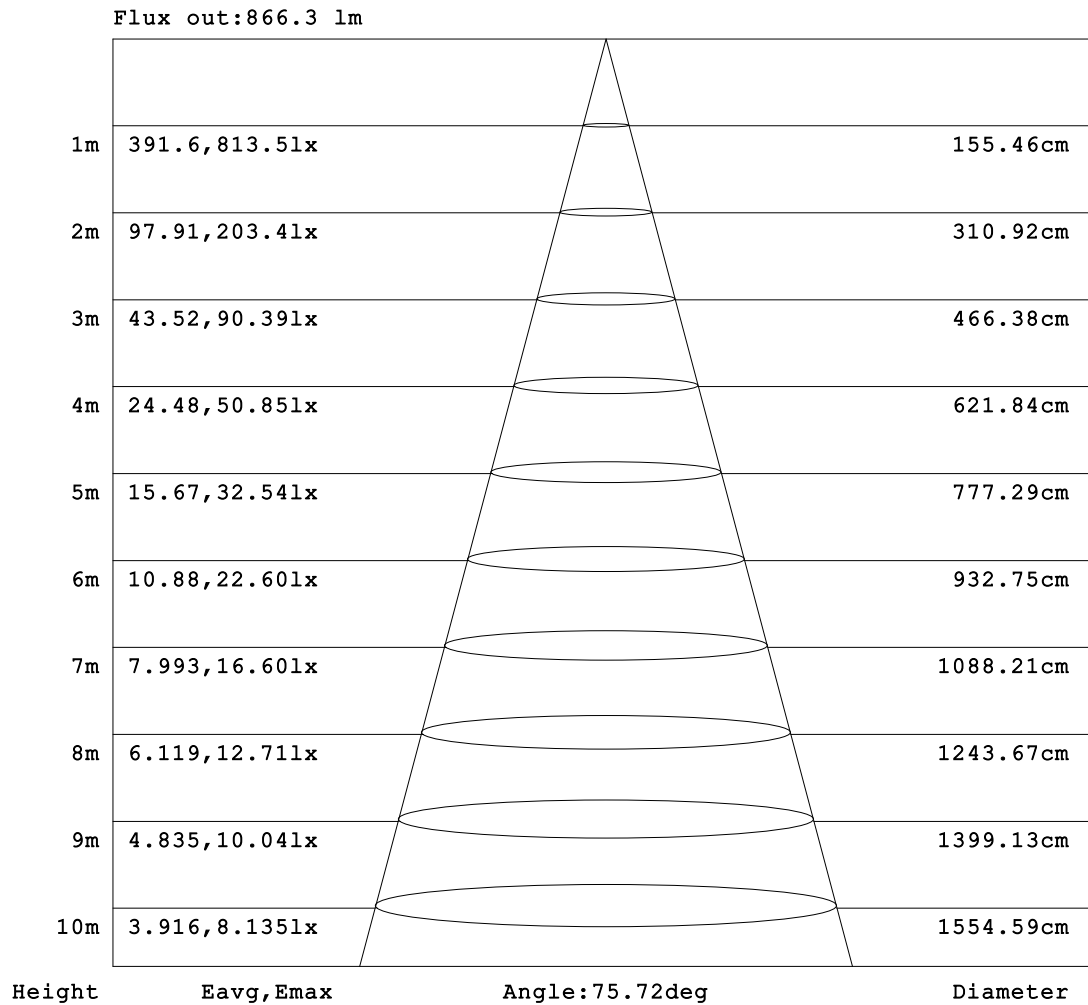
C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: MEDIUM  
Temperature: 25.3°C  
Operators:  
Test Date: 07 December 2022

γ Range: 0 - 90DEG  
γ Interval: 2.5DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.456  
Humidity: 65.0%  
Test Distance: 6.265m [K=1.0000]  
Remarks:



**AAI Figure**

|                             |                  |                  |
|-----------------------------|------------------|------------------|
| NAME: 92EL62281365/WH       | TYPE:            | WEIGHT: 1        |
| SPEC.:                      | DIM.: F 120 x 60 | SERIAL No.: 0    |
| MFR.: Elmark Industries JSC | SUR.: Round      | Shielding Angle: |



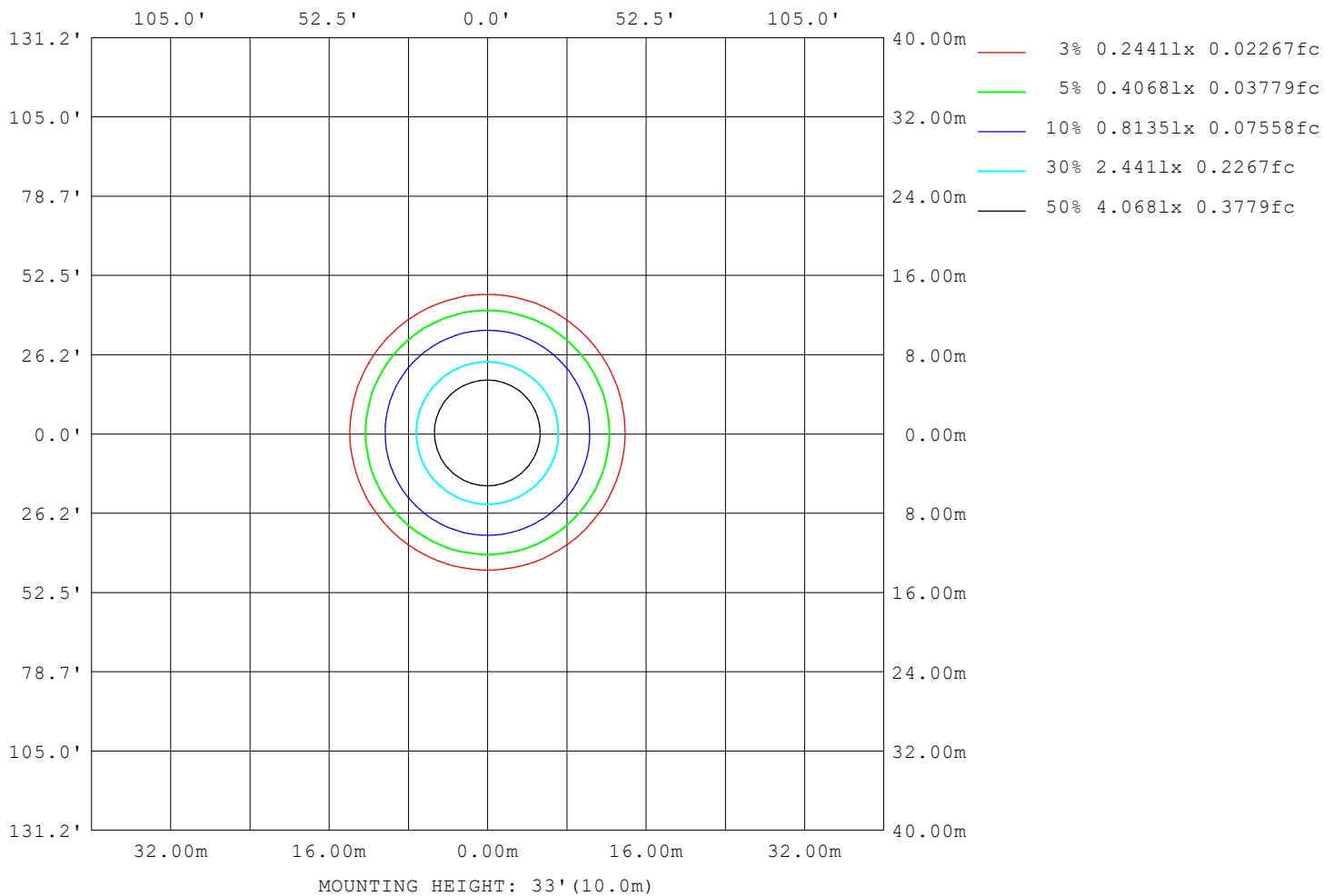
**Note:**The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3°C  
 Operators:  
 Test Date:07 December 2022

γ Range: 0 - 90DEG  
 γ Interval: 2.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.456  
 Humidity:65.0%  
 Test Distance:6.265m [K=1.0000]  
 Remarks:

**ISOLUX DIAGRAM**

|                             |                  |                  |
|-----------------------------|------------------|------------------|
| NAME: 92EL62281365/WH       | TYPE:            | WEIGHT: 1        |
| SPEC.:                      | DIM.: F 120 x 60 | SERIAL No.: 0    |
| MFR.: Elmark Industries JSC | SUR.: Round      | Shielding Angle: |



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: MEDIUM  
Temperature: 25.3°C  
Operators:  
Test Date: 07 December 2022

γ Range: 0 - 90DEG  
γ Interval: 2.5DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.456  
Humidity: 65.0%  
Test Distance: 6.265m [K=1.0000]  
Remarks:

### LED Avg.L Report

|                             |                  |                  |
|-----------------------------|------------------|------------------|
| NAME: 92EL62281365/WH       | TYPE:            | WEIGHT: 1        |
| SPEC.:                      | DIM.: F 120 x 60 | SERIAL No.: 0    |
| MFR.: Elmark Industries JSC | SUR.: Round      | Shielding Angle: |

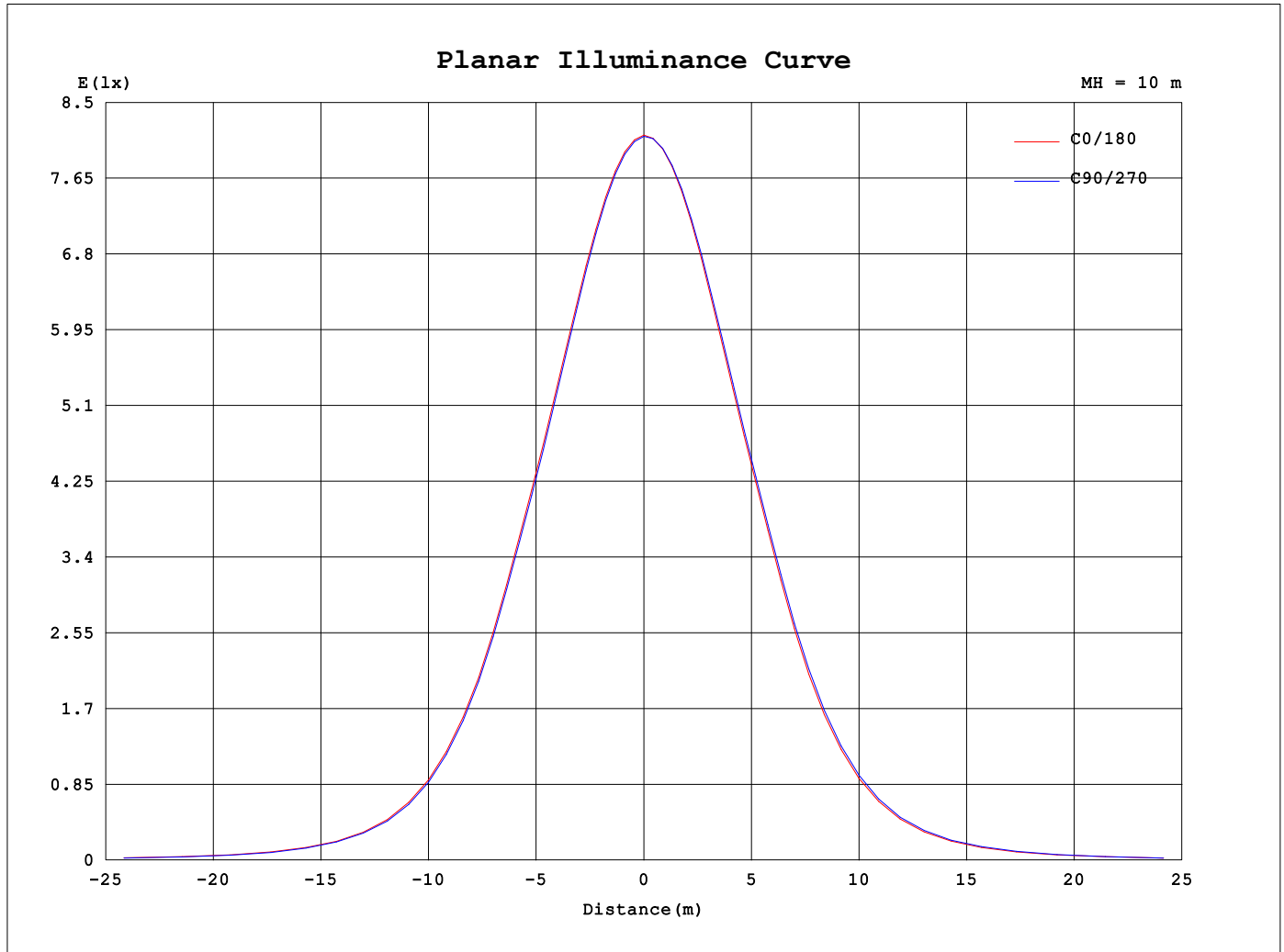
| AvgL             | cd/m2 |
|------------------|-------|
| L_0~180 (65) av  | 26950 |
| L_0~180 (75) av  | 21068 |
| L_0~180 (85) av  | 9829  |
| L_90~270 (65) av | 25714 |
| L_90~270 (75) av | 16905 |
| L_90~270 (85) av | 2651  |
| L_45 (65) av     | 26667 |
| L_45 (75) av     | 18983 |
| L_45 (85) av     | 5144  |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: MEDIUM  
Temperature:25.3°C  
Operators:  
Test Date:07 December 2022

γ Range: 0 - 90DEG  
γ Interval: 2.5DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.456  
Humidity:65.0%  
Test Distance:6.265m [K=1.0000]  
Remarks:

# Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: MEDIUM  
 Temperature: 25.3°C  
 Operators:  
 Test Date: 07 December 2022

γ Range: 0 - 90DEG  
 γ Interval: 2.5DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.456  
 Humidity: 65.0%  
 Test Distance: 6.265m [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:6.265m [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:6.265m [K=1.0000]
Remarks:

```