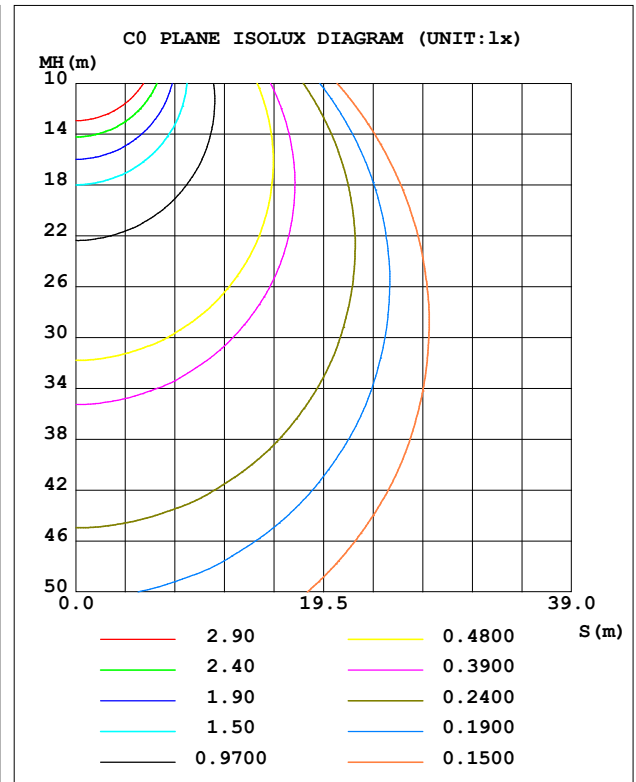
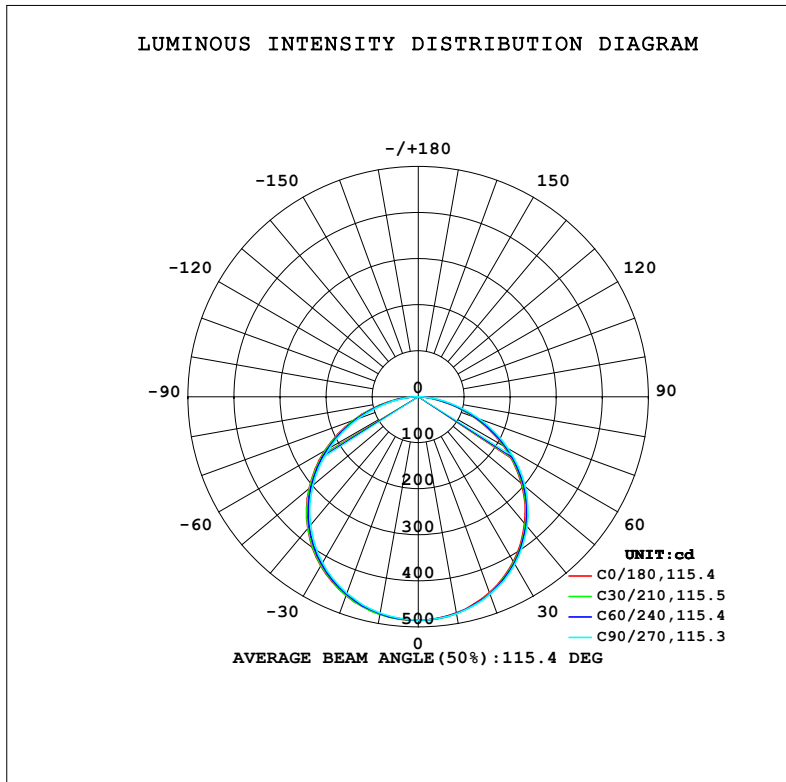


LUMINAIRE PHOTOMETRIC TEST REPORT

|                             |                |                  |
|-----------------------------|----------------|------------------|
| NAME: 95SHELLY18LED/WH      | TYPE:          | WEIGHT: 1        |
| SPEC.:                      | DIM.: 400 x 60 | SERIAL No.: 0    |
| MFR.: Elmark Industries JSC | SUR.: cilinder | Shielding Angle: |

| DATA OF LAMP      |                  | PHOTOMETRIC DATA      |        |                     |           |
|-------------------|------------------|-----------------------|--------|---------------------|-----------|
| MODEL             | 95SHELLY18LED/WH | I <sub>max</sub> (cd) | 487.0  | S/MH (C0/180)       | 1.30      |
| NOMINAL POWER (W) | 18               | LOR (%)               | 66.3   | S/MH (C90/270)      | 1.28      |
| RATED VOLTAGE (V) | 230              | TOTAL FLUX (lm)       | 1431.9 | η UP, DN (C0-180)   | 0.0, 33.2 |
| NOMINAL FLUX (lm) | 2160             | CIE CLASS             | DIRECT | η UP, DN (C180-360) | 0.0, 33.1 |
| LAMPS INSIDE      | 1                | η up (%)              | 0.0    | CIBSE SHR NOM       | 1.25      |
| TEST VOLTAGE (V)  | 230              | η down (%)            | 66.3   | CIBSE SHR MAX       | 1.35      |



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: MEDIUM  
Temperature: 25.3°C  
Operators:  
Test Date: 19 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       | 476.3                 | 477.5 | 478.1 | 479.1 | 479.8 | 479.0 | 477.0  | 475.9 | 0- 10    | 46.00       | 46.00        | 3.21,2.13  |
| 20       | 452.7                 | 454.5 | 456.6 | 458.8 | 459.5 | 457.9 | 453.9  | 452.0 | 10- 20   | 132.4       | 178.4        | 12.5,8.26  |
| 30       | 413.6                 | 416.0 | 419.9 | 422.7 | 423.8 | 421.4 | 416.1  | 412.6 | 20- 30   | 202.4       | 380.7        | 26.6,17.6  |
| 40       | 359.5                 | 362.7 | 368.0 | 372.3 | 373.6 | 370.4 | 364.0  | 359.4 | 30- 40   | 246.6       | 627.4        | 43.8,29    |
| 50       | 292.6                 | 296.2 | 302.9 | 308.9 | 309.9 | 306.1 | 299.0  | 292.9 | 40- 50   | 258.6       | 886.0        | 61.9,41    |
| 60       | 213.6                 | 217.6 | 225.7 | 232.7 | 234.5 | 230.3 | 221.7  | 214.9 | 50- 60   | 235.7       | 1122         | 78.3,51.9  |
| 70       | 127.8                 | 131.9 | 141.3 | 148.6 | 150.6 | 146.3 | 137.5  | 130.3 | 60- 70   | 180.2       | 1302         | 90.9,60.3  |
| 80       | 46.81                 | 49.81 | 58.17 | 65.07 | 66.42 | 62.83 | 55.80  | 49.32 | 70- 80   | 102.5       | 1404         | 98.1,65    |
| 90       | 1.574                 | 1.342 | 1.111 | 3.387 | 3.929 | 2.587 | 0.9128 | 1.046 | 80- 90   | 27.60       | 1432         | 100,66.3   |
| 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): 757.36 lm

%lum = 52.9%

%lamp = 35.1%

Conical surface Flux(130deg): 1220.4 lm

%lum = 85.2%

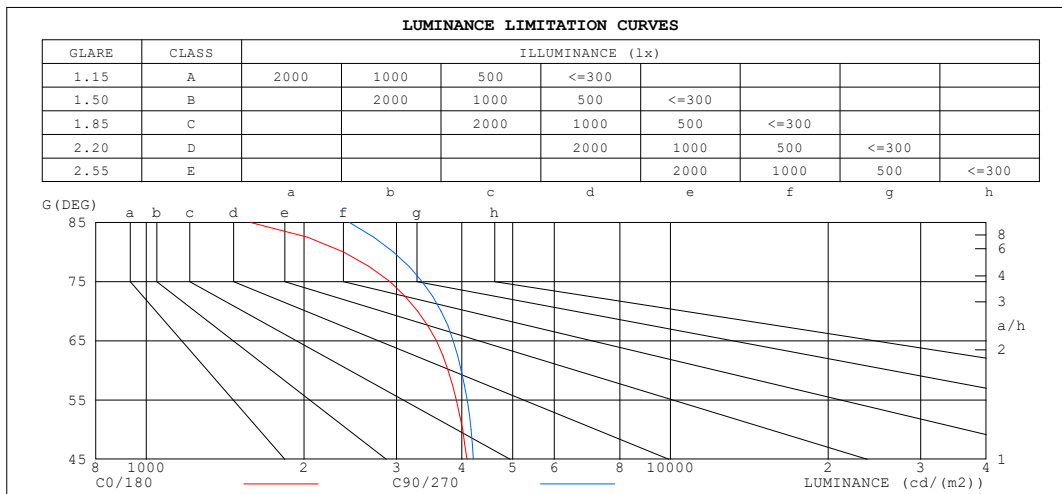
%lamp = 56.5%

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: MEDIUM  
Temperature:25.3°C  
Operators:  
Test Date:19 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: 95SHELLY18LED/WH      | TYPE:          | WEIGHT: 1        |
| SPEC.:                      | DIM.: 400 x 60 | SERIAL No.: 0    |
| MFR.: Elmark Industries JSC | SUR.: cilinder | Shielding Angle: |



| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G (DEG)           | C0/180 | C90/270 |
| 85                | 1581   | 2440    |
| 80                | 2376   | 2958    |
| 75                | 2919   | 3358    |
| 70                | 3293   | 3649    |
| 65                | 3575   | 3849    |
| 60                | 3765   | 3987    |
| 55                | 3904   | 4094    |
| 50                | 4012   | 4162    |
| 45                | 4089   | 4207    |

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: MEDIUM  
 Temperature: 25.3°C  
 Operators:  
 Test Date: 19 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: 95SHELLY18LED/WH      | TYPE:          | WEIGHT: 1        |
| SPEC.:                      | DIM.: 400 x 60 | SERIAL No.: 0    |
| MFR.: Elmark Industries JSC | SUR.: cilinder | 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  | .207                  | .118 | .037 | .202 | .115 | .037 | .194                            | .111 | .035 | .185 | .107 | .034 | .178 | .103 | .033 |   |
| 2.0  | .195                  | .107 | .033 | .191 | .105 | .032 | .183                            | .102 | .032 | .176 | .099 | .031 | .169 | .096 | .030 |   |
| 3.0  | .180                  | .096 | .029 | .177 | .095 | .028 | .170                            | .092 | .028 | .163 | .090 | .027 | .158 | .087 | .027 |   |
| 4.0  | .166                  | .086 | .025 | .163 | .085 | .025 | .157                            | .083 | .025 | .151 | .081 | .025 | .146 | .079 | .024 |   |
| 5.0  | .154                  | .078 | .023 | .151 | .077 | .023 | .145                            | .076 | .022 | .140 | .074 | .022 | .136 | .072 | .022 |   |
| 6.0  | .142                  | .071 | .020 | .140 | .071 | .020 | .135                            | .069 | .020 | .131 | .068 | .020 | .126 | .067 | .020 |   |
| 7.0  | .133                  | .066 | .019 | .130 | .065 | .018 | .126                            | .064 | .018 | .122 | .063 | .018 | .118 | .061 | .018 |   |
| 8.0  | .124                  | .060 | .017 | .122 | .060 | .017 | .118                            | .059 | .017 | .114 | .058 | .017 | .111 | .057 | .017 |   |
| 9.0  | .116                  | .056 | .016 | .114 | .056 | .016 | .111                            | .055 | .016 | .107 | .054 | .015 | .104 | .053 | .015 |   |
| 10.0 | .109                  | .052 | .015 | .107 | .052 | .014 | .104                            | .051 | .014 | .101 | .050 | .014 | .098 | .050 | .014 |   |

| 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  | .126                  | .126 | .126 | .108 | .108 | .108 | .074  | .074 | .074 | .042 | .042 | .042 | .014 | .014 | .014 |   |
| 1.0  | .120                  | .103 | .089 | .102 | .089 | .077 | .070  | .061 | .053 | .040 | .035 | .031 | .013 | .011 | .010 |   |
| 2.0  | .114                  | .087 | .065 | .098 | .075 | .056 | .067  | .052 | .039 | .039 | .030 | .023 | .012 | .010 | .007 |   |
| 3.0  | .109                  | .076 | .049 | .094 | .065 | .043 | .064  | .045 | .030 | .037 | .027 | .018 | .012 | .009 | .006 |   |
| 4.0  | .104                  | .067 | .038 | .089 | .058 | .033 | .062  | .040 | .024 | .036 | .024 | .014 | .011 | .008 | .005 |   |
| 5.0  | .099                  | .060 | .031 | .085 | .052 | .027 | .059  | .036 | .019 | .034 | .021 | .011 | .011 | .007 | .004 |   |
| 6.0  | .095                  | .055 | .026 | .081 | .047 | .022 | .056  | .033 | .016 | .033 | .019 | .009 | .011 | .006 | .003 |   |
| 7.0  | .090                  | .050 | .022 | .077 | .043 | .019 | .054  | .030 | .014 | .031 | .018 | .008 | .010 | .006 | .003 |   |
| 8.0  | .086                  | .046 | .019 | .074 | .040 | .017 | .051  | .028 | .012 | .030 | .017 | .007 | .010 | .005 | .002 |   |
| 9.0  | .082                  | .043 | .017 | .070 | .037 | .015 | .049  | .026 | .010 | .028 | .015 | .006 | .009 | .005 | .002 |   |
| 10.0 | .078                  | .040 | .015 | .067 | .035 | .013 | .047  | .024 | .009 | .027 | .014 | .005 | .009 | .005 | .002 |   |

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: MEDIUM  
Temperature:25.3°C  
Operators:  
Test Date:19 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: 95SHELLY18LED/WH  |               |                  |      |      | TYPE:          |               |                |      |      | WEIGHT: 1        |  |  |  |  |
| SPEC.:  |               |                  |      |      | DIM.: 400 x 60 |               |                |      |      | SERIAL No.: 0    |  |  |  |  |
| MFR.: Elmark Industries JSC                                     |               |                  |      |      | SUR.: cilinder |               |                |      |      | 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   | 14.9          | 16.4             | 15.1 | 16.6 | 16.8           | 15.1          | 16.6           | 15.3 | 16.8 | 17.0             |  |  |  |  |
| 3H  | 16.3          | 17.7             | 16.6 | 17.9 | 18.2           | 16.6          | 18.0           | 16.9 | 18.3 | 18.5             |  |  |  |  |
| 4H  | 16.8          | 18.2             | 17.1 | 18.4 | 18.7           | 17.2          | 18.5           | 17.5 | 18.8 | 19.1             |  |  |  |  |
| 6H  | 17.1          | 18.4             | 17.5 | 18.7 | 18.9           | 17.6          | 18.9           | 17.9 | 19.1 | 19.4             |  |  |  |  |
| 8H  | 17.2          | 18.4             | 17.5 | 18.7 | 19.0           | 17.7          | 19.0           | 18.1 | 19.2 | 19.5             |  |  |  |  |
| 12H   | 17.2          | 18.4             | 17.6 | 18.7 | 19.0           | 17.8          | 19.0           | 18.1 | 19.3 | 19.6             |  |  |  |  |
| 4H 2H   | 15.5          | 16.8             | 15.8 | 17.1 | 17.3           | 15.6          | 17.0           | 16.0 | 17.2 | 17.5             |  |  |  |  |
| 3H  | 17.1          | 18.3             | 17.4 | 18.6 | 18.9           | 17.3          | 18.5           | 17.7 | 18.8 | 19.1             |  |  |  |  |
| 4H  | 17.7          | 18.8             | 18.1 | 19.1 | 19.4           | 18.0          | 19.1           | 18.4 | 19.5 | 19.8             |  |  |  |  |
| 6H  | 18.1          | 19.1             | 18.5 | 19.4 | 19.8           | 18.6          | 19.5           | 19.0 | 19.9 | 20.2             |  |  |  |  |
| 8H  | 18.2          | 19.1             | 18.6 | 19.5 | 19.9           | 18.7          | 19.6           | 19.1 | 20.0 | 20.4             |  |  |  |  |
| 12H   | 18.3          | 19.1             | 18.7 | 19.5 | 19.9           | 18.8          | 19.7           | 19.3 | 20.0 | 20.4             |  |  |  |  |
| 8H 4H   | 17.9          | 18.8             | 18.4 | 19.2 | 19.6           | 18.3          | 19.2           | 18.7 | 19.5 | 19.9             |  |  |  |  |
| 6H  | 18.5          | 19.2             | 18.9 | 19.6 | 20.1           | 18.9          | 19.6           | 19.3 | 20.0 | 20.5             |  |  |  |  |
| 8H  | 18.6          | 19.3             | 19.1 | 19.7 | 20.2           | 19.1          | 19.8           | 19.6 | 20.2 | 20.7             |  |  |  |  |
| 12H   | 18.7          | 19.3             | 19.2 | 19.7 | 20.2           | 19.3          | 19.9           | 19.8 | 20.3 | 20.8             |  |  |  |  |
| 12H 4H  | 18.0          | 18.8             | 18.4 | 19.2 | 19.6           | 18.3          | 19.1           | 18.7 | 19.5 | 19.9             |  |  |  |  |
| 6H  | 18.5          | 19.2             | 19.0 | 19.6 | 20.1           | 18.9          | 19.6           | 19.4 | 20.0 | 20.5             |  |  |  |  |
| 8H  | 18.7          | 19.3             | 19.2 | 19.7 | 20.2           | 19.2          | 19.8           | 19.7 | 20.2 | 20.7             |  |  |  |  |
| Variations with the observer position at spacings(CIE Pub.117): |               |                  |      |      |                |               |                |      |      |                  |  |  |  |  |
| S = 1.0H  | + 0.2 / - 0.2 |                  |      |      |                | + 0.1 / - 0.2 |                |      |      |                  |  |  |  |  |
| 1.5H  | + 0.2 / - 0.3 |                  |      |      |                | + 0.2 / - 0.3 |                |      |      |                  |  |  |  |  |
| 2.0H  | + 0.2 / - 0.3 |                  |      |      |                | + 0.2 / - 0.3 |                |      |      |                  |  |  |  |  |

CIE Pub.117, 2160 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.7)  
Area: 0.113354 m2

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: MEDIUM  
Temperature:25.3°C  
Operators:  
Test Date:19 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: 95SHELLY18LED/WH      | TYPE:          | WEIGHT: 1        |
| SPEC.:                      | DIM.: 400 x 60 | SERIAL No.: 0    |
| MFR.: Elmark Industries JSC | SUR.: cilinder | Shielding Angle: |

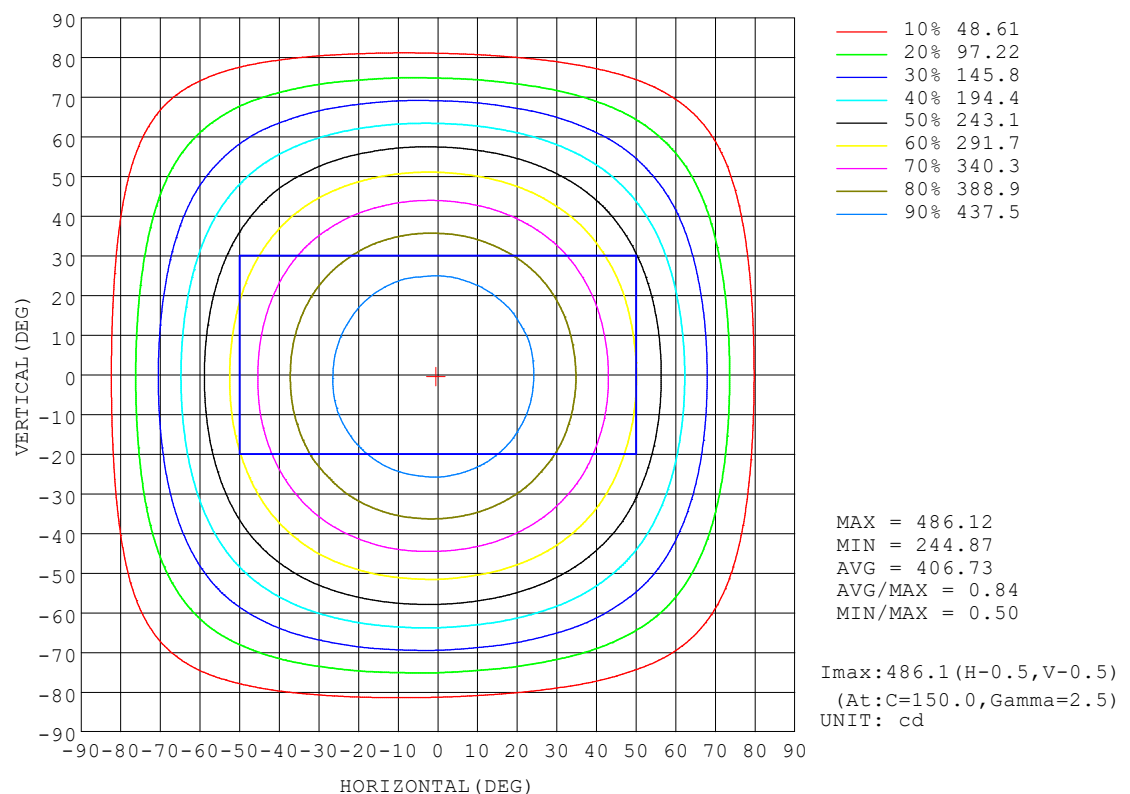
| REFLECTANCE                      |  |     |           |     |     |     |     |               |     |        |
|----------------------------------|--|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling                          | 0.8  | 0.8 | 0.8       | 0.7 | 0.7 | 0.7 | 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) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |               |     |        |
| $k = 0.60$                       | 38   | 30  | 25        | 37  | 30  | 25  | 37  | 30            | 25  | 21     |
| 0.80                             | 44   | 37  | 32        | 44  | 36  | 32  | 43  | 36            | 31  | 27     |
| 1.00                             | 50   | 43  | 38        | 49  | 42  | 38  | 48  | 43            | 37  | 32     |
| 1.25                             | 55   | 48  | 43        | 54  | 47  | 43  | 52  | 46            | 42  | 37     |
| 1.50                             | 58   | 52  | 47        | 57  | 51  | 47  | 55  | 50            | 46  | 41     |
| 2.00                             | 63   | 57  | 53        | 62  | 56  | 52  | 59  | 55            | 51  | 46     |
| 2.50                             | 65   | 60  | 56        | 64  | 59  | 56  | 61  | 58            | 54  | 49     |
| 3.00                             | 68   | 63  | 59        | 66  | 62  | 59  | 64  | 60            | 57  | 52     |
| 4.00                             | 70   | 67  | 63        | 69  | 65  | 62  | 66  | 63            | 61  | 55     |
| 5.00                             | 72   | 69  | 66        | 70  | 67  | 65  | 67  | 65            | 63  | 57     |
| 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: 19 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: 95SHELLY18LED/WH      | TYPE:          | WEIGHT: 1        |
| SPEC.:                      | DIM.: 400 x 60 | SERIAL No.: 0    |
| MFR.: Elmark Industries JSC | SUR.: cilinder | Shielding Angle: |



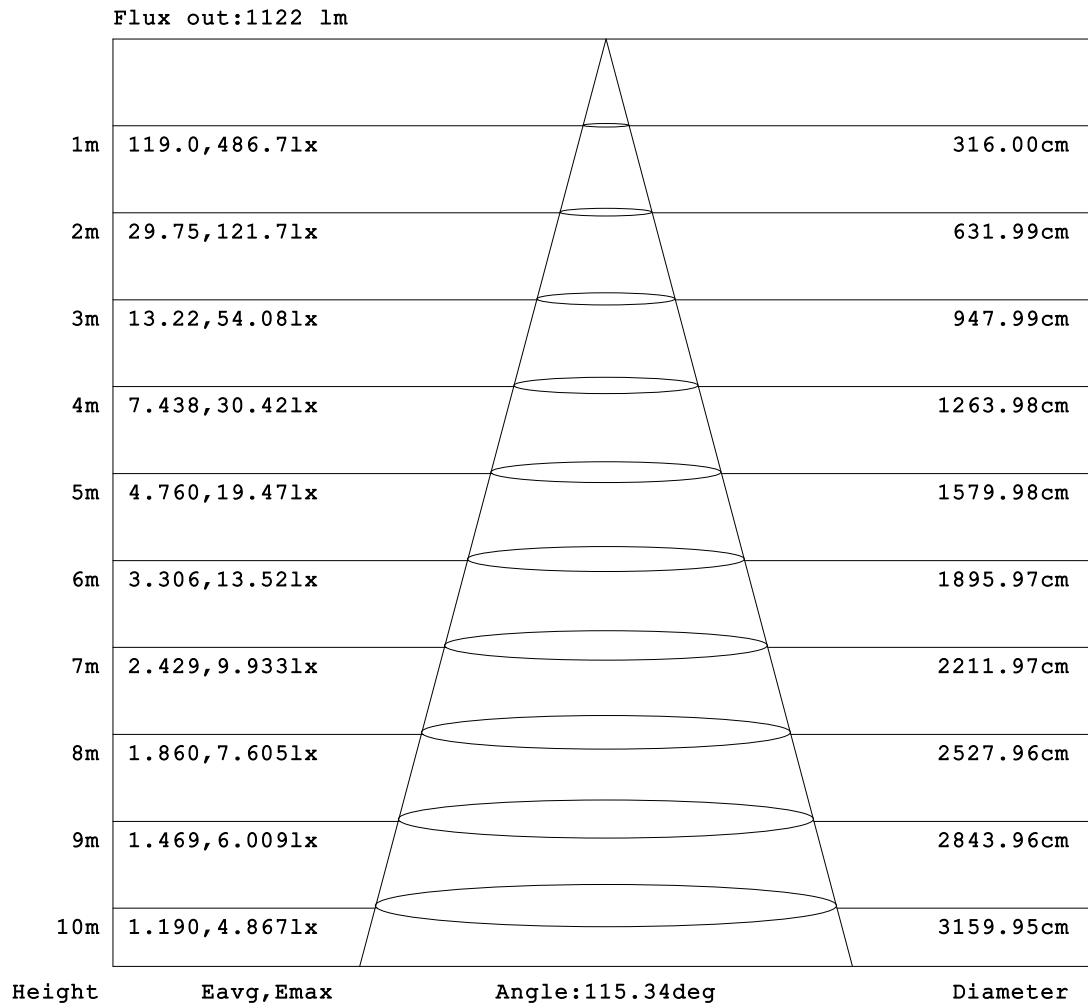
C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: MEDIUM  
Temperature:25.3°C  
Operators:  
Test Date:19 January 2023

$\gamma$  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: 95SHELLY18LED/WH      | TYPE:          | WEIGHT: 1        |
| SPEC.:                      | DIM.: 400 x 60 | SERIAL No.: 0    |
| MFR.: Elmark Industries JSC | SUR.: cilinder | Shielding Angle: |



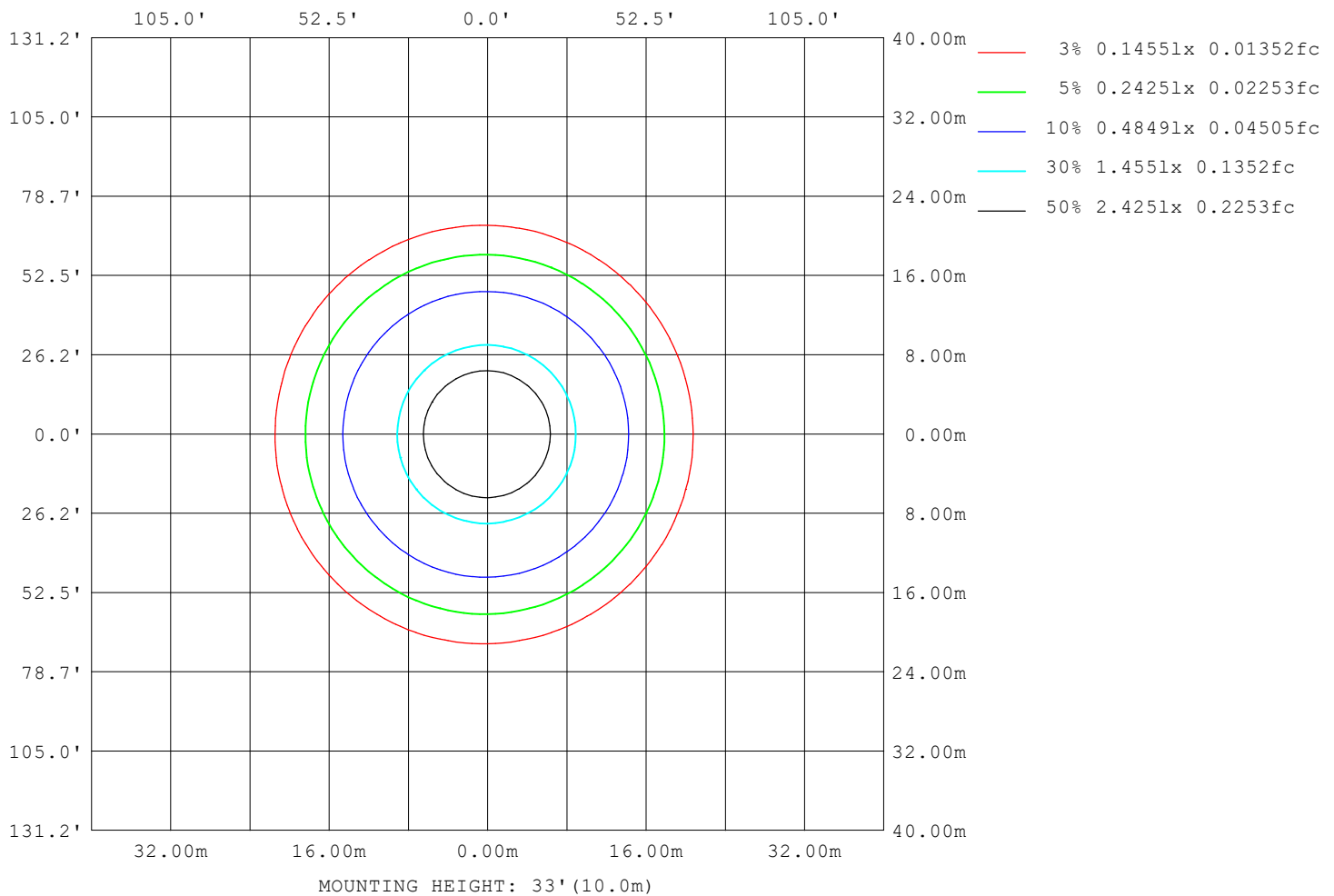
**Note:**The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: MEDIUM  
Temperature:25.3°C  
Operators:  
Test Date:19 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: 95SHELLY18LED/WH      | TYPE:          | WEIGHT: 1        |
| SPEC.:                      | DIM.: 400 x 60 | SERIAL No.: 0    |
| MFR.: Elmark Industries JSC | SUR.: cilinder | Shielding Angle: |



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: MEDIUM  
 Temperature: 25.3°C  
 Operators:  
 Test Date: 19 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: 95SHELLY18LED/WH      | TYPE:          | WEIGHT: 1        |
| SPEC.:                      | DIM.: 400 x 60 | SERIAL No.: 0    |
| MFR.: Elmark Industries JSC | SUR.: cilinder | Shielding Angle: |

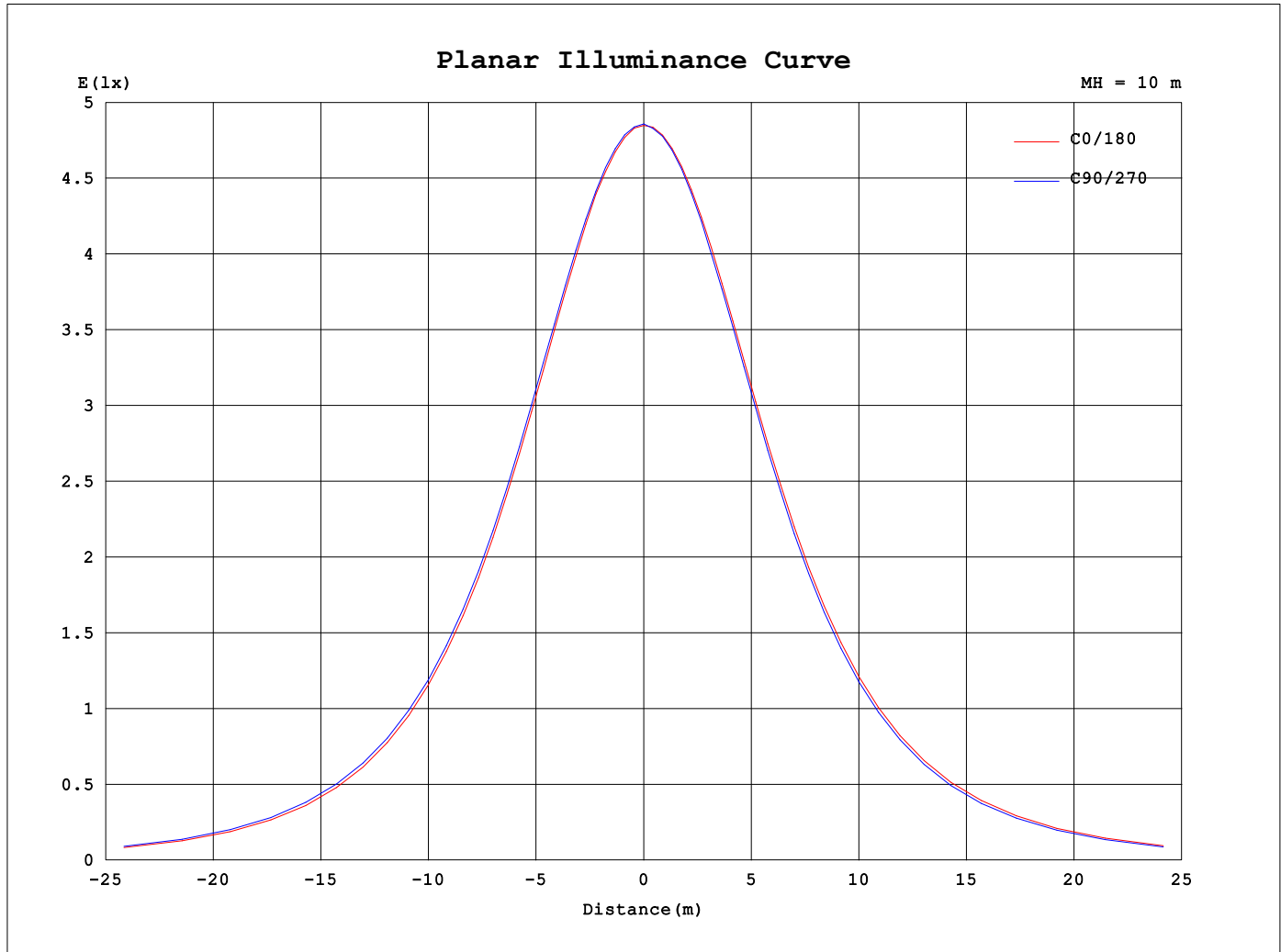
| AvgL             | cd/m2 |
|------------------|-------|
| L_0~180 (65) av  | 3805  |
| L_0~180 (75) av  | 3296  |
| L_0~180 (85) av  | 2350  |
| L_90~270 (65) av | 3803  |
| L_90~270 (75) av | 3298  |
| L_90~270 (85) av | 2363  |
| L_45 (65) av     | 3800  |
| L_45 (75) av     | 3294  |
| L_45 (85) av     | 2355  |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: MEDIUM  
Temperature:25.3°C  
Operators:  
Test Date:19 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: 10.0DEG  
Test Speed: MEDIUM  
Temperature: 25.3°C  
Operators:  
Test Date: 19 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:

```