

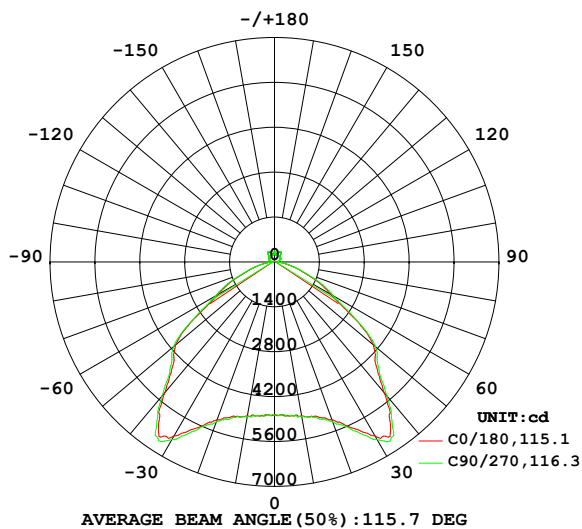
## EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

## LUMINAIRE PHOTOMETRIC TEST REPORT

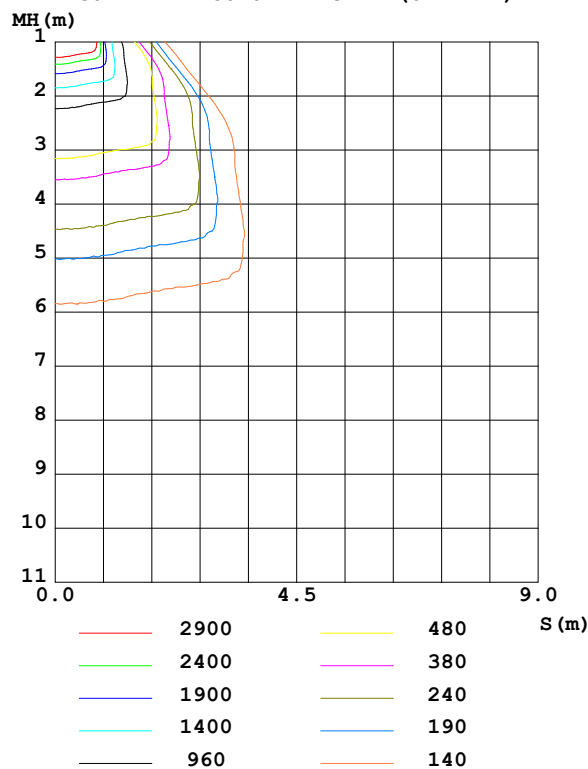
|  |       |                  |
|--|-------|------------------|
| Test:U:229.9V I:0.445A P:99.5W PF:0.972 Freq:50.01Hz<br>UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:18523.5x1 lm |       |                  |
| NAME: HB68-100H-5070-H00194+H00C01B  | TYPE: | WEIGHT:          |
| SPEC.:   | DIM.: | SERIAL No.:      |
| MFR.:  | SUR.: | Shielding Angle: |

| DATA OF LAMP      |         | PHOTOMETRIC DATA Eff: 186.22 lm/W |        |                     |           |
|-------------------|---------|-----------------------------------|--------|---------------------|-----------|
| MODEL             | /       | I <sub>max</sub> (cd)             | 6699   | S/MH (C0/180)       | 1.62      |
| NOMINAL POWER (W) | /       | LOR (%)                           | 100.0  | S/MH (C90/270)      | 1.63      |
| RATED VOLTAGE (V) | /       | TOTAL FLUX (lm)                   | 18523  | η UP, DN (C0-180)   | 3.5, 46.5 |
| NOMINAL FLUX (lm) | 18523.5 | CIE CLASS                         | DIRECT | η UP, DN (C180-360) | 3.5, 46.5 |
| LAMPS INSIDE      | 1       | η up (%)                          | 7.0    | CIBSE SHR NOM       | 1.50      |
| TEST VOLTAGE (V)  | /       | η down (%)                        | 93.0   | CIBSE SHR MAX       | 1.55      |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: ZZX  
Test Date: 2023-07-13

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.465  
Humidity: 65.0%  
Test Distance: 26.000m [K=0.4556]  
Remarks:

# EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

## ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

| $\gamma$ | C0                    | C45   | C90   | C135  | C180  | C225  | C270  | C315  | $\gamma$ | $\Phi$ zone | $\Phi$ total | %lum, lamp |
|----------|-----------------------|-------|-------|-------|-------|-------|-------|-------|----------|-------------|--------------|------------|
| 10       | 4867                  | 4902  | 4896  | 4902  | 4867  | 4902  | 4896  | 4902  | 0- 10    | 461.7       | 461.7        | 2.49,2.49  |
| 20       | 5233                  | 5261  | 5303  | 5261  | 5233  | 5261  | 5303  | 5261  | 10- 20   | 1436        | 1897         | 10.2,10.2  |
| 30       | 6259                  | 6375  | 6393  | 6375  | 6259  | 6375  | 6393  | 6375  | 20- 30   | 2687        | 4585         | 24.8,24.8  |
| 40       | 5320                  | 5349  | 5469  | 5349  | 5320  | 5349  | 5469  | 5349  | 30- 40   | 3891        | 8476         | 45.8,45.8  |
| 50       | 4032                  | 4101  | 4111  | 4101  | 4032  | 4101  | 4111  | 4101  | 40- 50   | 3558        | 12034        | 65,65      |
| 60       | 2034                  | 2077  | 2123  | 2077  | 2034  | 2077  | 2123  | 2077  | 50- 60   | 2730        | 14764        | 79.7,79.7  |
| 70       | 981.7                 | 983.0 | 1028  | 983.0 | 981.7 | 983.0 | 1028  | 983.0 | 60- 70   | 1539        | 16303        | 88,88      |
| 80       | 368.8                 | 359.4 | 373.5 | 359.4 | 368.8 | 359.4 | 373.5 | 359.4 | 70- 80   | 692.6       | 16995        | 91.8,91.8  |
| 90       | 105.2                 | 107.6 | 109.7 | 107.6 | 105.2 | 107.6 | 109.7 | 107.6 | 80- 90   | 230.3       | 17226        | 93,93      |
| 100      | 114.3                 | 115.8 | 115.0 | 115.8 | 114.3 | 115.8 | 115.0 | 115.8 | 90-100   | 106.6       | 17332        | 93.6,93.6  |
| 110      | 170.9                 | 172.5 | 175.4 | 172.5 | 170.9 | 172.5 | 175.4 | 172.5 | 100-110  | 150.7       | 17483        | 94.4,94.4  |
| 120      | 198.2                 | 201.6 | 205.3 | 201.6 | 198.2 | 201.6 | 205.3 | 201.6 | 110-120  | 188.6       | 17672        | 95.4,95.4  |
| 130      | 207.8                 | 208.8 | 215.9 | 208.8 | 207.8 | 208.8 | 215.9 | 208.8 | 120-130  | 185.1       | 17857        | 96.4,96.4  |
| 140      | 299.0                 | 310.1 | 314.0 | 310.1 | 299.0 | 310.1 | 314.0 | 310.1 | 130-140  | 190.4       | 18047        | 97.4,97.4  |
| 150      | 359.0                 | 366.7 | 373.1 | 366.7 | 359.0 | 366.7 | 373.1 | 366.7 | 140-150  | 221.7       | 18269        | 98.6,98.6  |
| 160      | 294.6                 | 306.9 | 310.2 | 306.9 | 294.6 | 306.9 | 310.2 | 306.9 | 150-160  | 161.0       | 18430        | 99.5,99.5  |
| 170      | 223.1                 | 222.8 | 211.1 | 222.8 | 223.1 | 222.8 | 211.1 | 222.8 | 160-170  | 70.91       | 18501        | 99.9,99.9  |
| 180      | 338.9                 | 328.5 | 340.7 | 328.5 | 338.9 | 328.5 | 340.7 | 328.5 | 170-180  | 22.73       | 18523        | 100,100    |
| DEG      | LUMINOUS INTENSITY:cd |       |       |       |       |       |       |       |          | UNIT:lm     |              |            |

Conical surface Flux(90deg): 10287 lm

%lum = 55.5%

%lamp = 55.5%

Conical surface Flux(120deg): 14764 lm

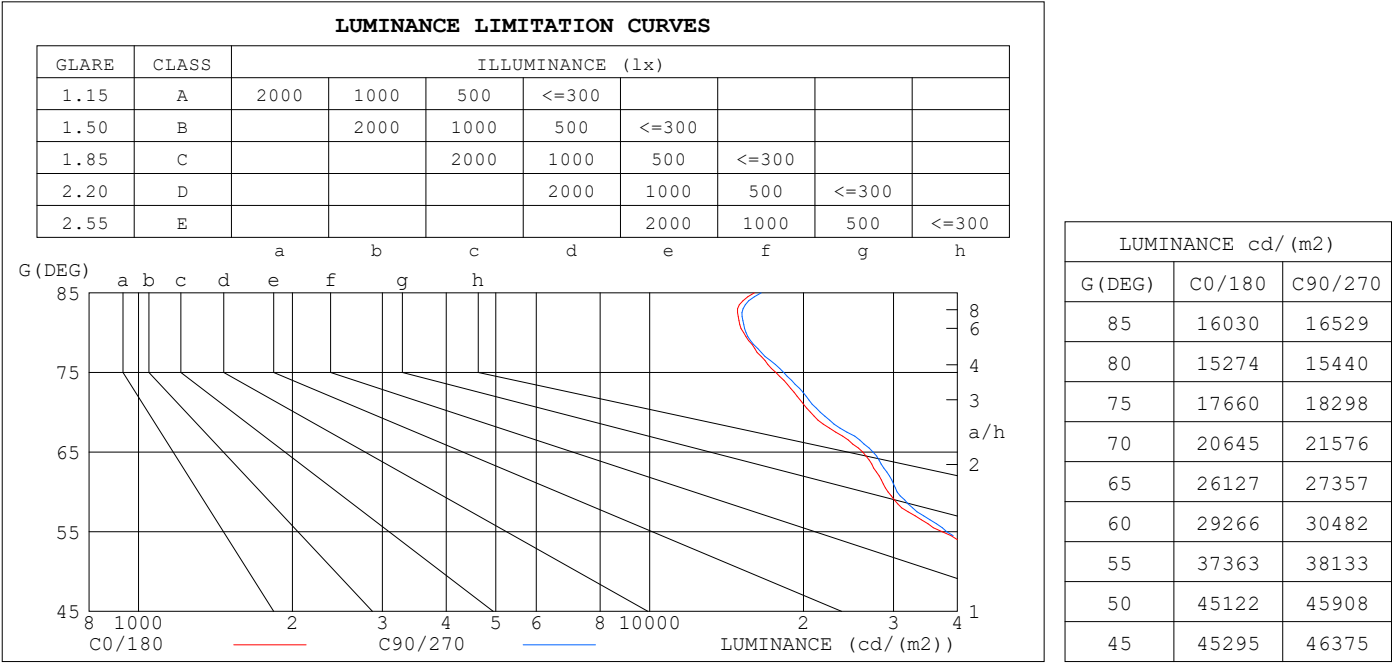
%lum = 79.7%

%lamp = 79.7%

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:ZZX  
Test Date:2023-07-13

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.465  
Humidity:65.0%  
Test Distance:26.000m [K=0.4556]  
Remarks:

LUMINANCE LIMITATION CURVES



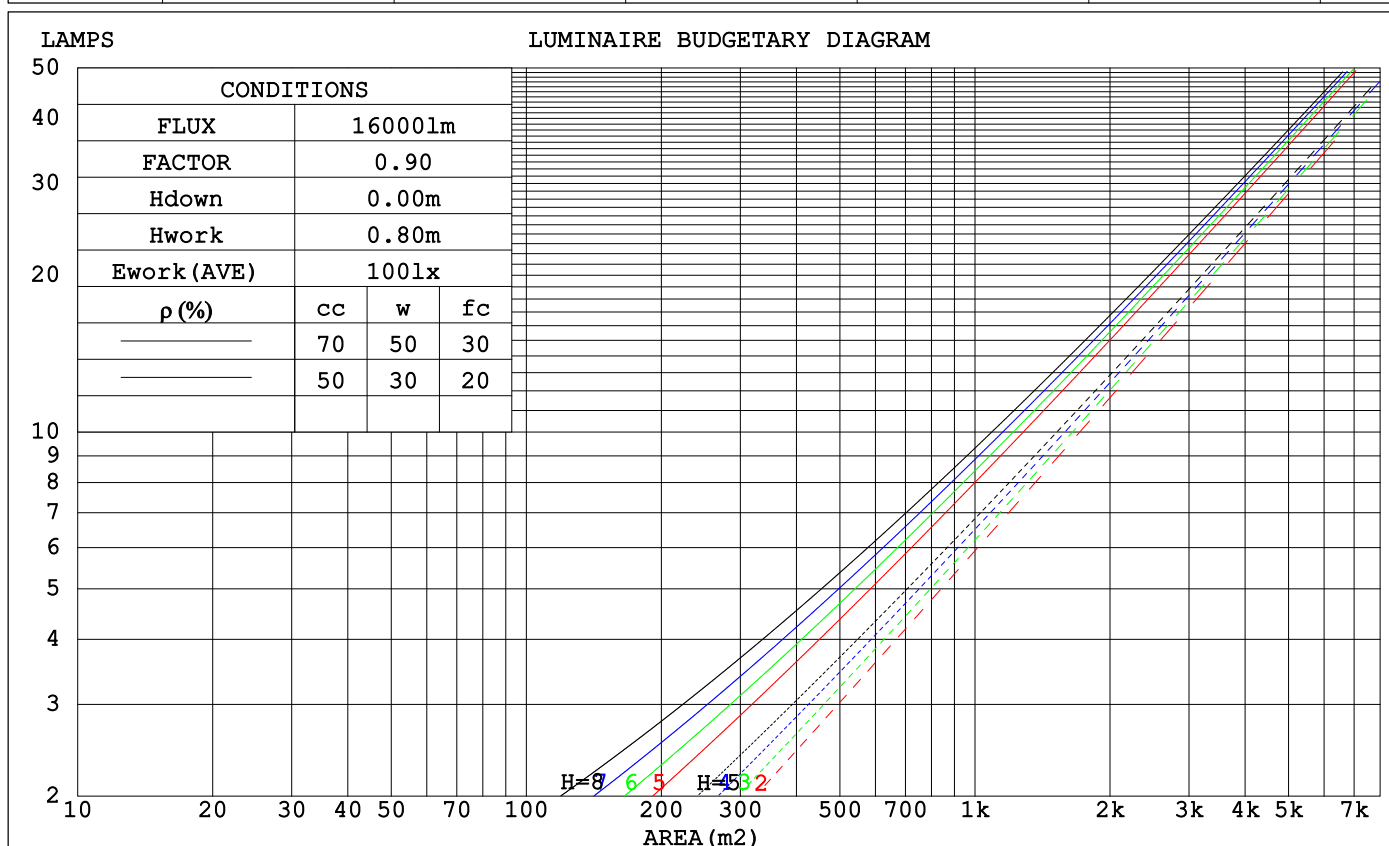
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:ZZX  
Test Date:2023-07-13

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.465  
Humidity:65.0%  
Test Distance:26.000m [K=0.4556]  
Remarks:

# EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| $\rho_{cc}$ | 80%                   |      |      | 70%                             |      |      | 50%  |      |      | 30%  |      |      | 10% |     |     | 0   |
|-------------|-----------------------|------|------|---------------------------------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|
| $\rho_w$    | 50%                   | 30%  | 10%  | 50%                             | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 50% | 30% | 10% | 0   |
| $\rho_{fc}$ | 20%                   |      |      | 20%                             |      |      | 20%  |      |      | 20%  |      |      | 20% |     |     | 0   |
| RCR         | RCR:Room Cavity Ratio |      |      | Coefficients of Utilization(CU) |      |      |      |      |      |      |      |      |     |     |     |     |
| 0.0         | 1.17                  | 1.17 | 1.17 | 1.14                            | 1.14 | 1.14 | 1.07 | 1.07 | 1.07 | 1.01 | 1.01 | 1.01 | .96 | .96 | .96 | .93 |
| 1.0         | 1.04                  | .00  | .96  | 1.01                            | .97  | .94  | .95  | .92  | .90  | .90  | .88  | .86  | .86 | .84 | .82 | .80 |
| 2.0         | .91                   | .85  | .80  | .89                             | .83  | .78  | .84  | .79  | .75  | .80  | .76  | .72  | .76 | .73 | .70 | .67 |
| 3.0         | .80                   | .73  | .67  | .78                             | .71  | .66  | .74  | .69  | .64  | .71  | .66  | .62  | .67 | .63 | .60 | .57 |
| 4.0         | .71                   | .63  | .57  | .70                             | .62  | .56  | .66  | .60  | .54  | .63  | .58  | .53  | .60 | .56 | .52 | .49 |
| 5.0         | .64                   | .55  | .49  | .62                             | .54  | .48  | .59  | .52  | .47  | .57  | .51  | .46  | .54 | .49 | .45 | .43 |
| 6.0         | .57                   | .49  | .42  | .56                             | .48  | .42  | .54  | .46  | .41  | .51  | .45  | .40  | .49 | .44 | .39 | .37 |
| 7.0         | .52                   | .43  | .37  | .51                             | .43  | .37  | .48  | .41  | .36  | .46  | .40  | .35  | .45 | .39 | .35 | .33 |
| 8.0         | .47                   | .39  | .33  | .46                             | .38  | .33  | .44  | .37  | .32  | .42  | .36  | .31  | .41 | .35 | .31 | .29 |
| 9.0         | .43                   | .35  | .29  | .42                             | .34  | .29  | .40  | .34  | .29  | .39  | .33  | .28  | .37 | .32 | .28 | .26 |
| 10.0        | .39                   | .32  | .26  | .39                             | .31  | .26  | .37  | .30  | .26  | .36  | .30  | .25  | .35 | .29 | .25 | .23 |



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:ZZX  
 Test Date:2023-07-13

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.465  
 Humidity:65.0%  
 Test Distance:26.000m [K=0.4556]  
 Remarks:

# EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

## WEC AND CCEC

| $\rho_{cc}$ | 80%                   |      |      | 70%  |      |      | 50%                              |      |      | 30%  |      |      | 10%  |      |      | 0 |  |
|-------------|-----------------------|------|------|------|------|------|----------------------------------|------|------|------|------|------|------|------|------|---|--|
| $\rho_w$    | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%                              | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |  |
| $\rho_{fc}$ | 20%                   |      |      | 20%  |      |      | 20%                              |      |      | 20%  |      |      | 20%  |      |      | 0 |  |
| RCR         | RCR:Room Cavity Ratio |      |      |      |      |      | Wall Exitance Coefficients (WEC) |      |      |      |      |      |      |      |      |   |  |
| 0.0         |                       |      |      |      |      |      |                                  |      |      |      |      |      |      |      |      |   |  |
| 1.0         | .281                  | .160 | .051 | .272 | .155 | .049 | .255                             | .146 | .047 | .240 | .138 | .044 | .225 | .130 | .042 |   |  |
| 2.0         | .269                  | .147 | .045 | .261 | .143 | .044 | .245                             | .136 | .042 | .231 | .130 | .041 | .218 | .124 | .039 |   |  |
| 3.0         | .252                  | .134 | .040 | .245 | .131 | .039 | .231                             | .125 | .038 | .219 | .120 | .037 | .207 | .115 | .035 |   |  |
| 4.0         | .235                  | .122 | .036 | .229 | .120 | .035 | .217                             | .115 | .034 | .205 | .110 | .033 | .195 | .106 | .032 |   |  |
| 5.0         | .220                  | .112 | .032 | .214 | .110 | .032 | .203                             | .106 | .031 | .193 | .102 | .030 | .183 | .098 | .029 |   |  |
| 6.0         | .205                  | .103 | .029 | .200 | .101 | .029 | .190                             | .098 | .028 | .181 | .094 | .028 | .172 | .091 | .027 |   |  |
| 7.0         | .192                  | .095 | .027 | .188 | .093 | .027 | .179                             | .090 | .026 | .170 | .087 | .025 | .162 | .084 | .025 |   |  |
| 8.0         | .181                  | .088 | .025 | .176 | .087 | .025 | .168                             | .084 | .024 | .160 | .081 | .023 | .153 | .079 | .023 |   |  |
| 9.0         | .170                  | .082 | .023 | .166 | .081 | .023 | .159                             | .078 | .022 | .152 | .076 | .022 | .145 | .074 | .021 |   |  |
| 10.0        | .160                  | .077 | .021 | .157 | .076 | .021 | .150                             | .073 | .021 | .143 | .071 | .020 | .137 | .069 | .020 |   |  |

| $\rho_{cc}$ | 80%                   |      |      | 70%  |      |      | 50%   |      |      | 30%  |      |      | 10%  |      |      | 0 |  |
|-------------|-----------------------|------|------|------|------|------|---|------|------|------|------|------|------|------|------|---|--|
| $\rho_w$    | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |  |
| $\rho_{fc}$ | 20%                   |      |      | 20%  |      |      | 20%   |      |      | 20%  |      |      | 20%  |      |      | 0 |  |
| RCR         | RCR:Room Cavity Ratio |      |      |      |      |      | Ceiling Cavity Exitance Coefficients (CCEC) |      |      |      |      |      |      |      |      |   |  |
| 0.0         | .244                  | .244 | .244 | .208 | .208 | .208 | .142  | .142 | .142 | .082 | .082 | .082 | .026 | .026 | .026 |   |  |
| 1.0         | .232                  | .210 | .190 | .199 | .180 | .164 | .136  | .124 | .113 | .078 | .072 | .066 | .025 | .023 | .021 |   |  |
| 2.0         | .223                  | .186 | .155 | .191 | .160 | .134 | .131  | .111 | .093 | .076 | .065 | .055 | .024 | .021 | .018 |   |  |
| 3.0         | .215                  | .169 | .131 | .185 | .145 | .114 | .127  | .101 | .080 | .073 | .059 | .047 | .024 | .019 | .015 |   |  |
| 4.0         | .208                  | .155 | .115 | .179 | .134 | .100 | .123  | .094 | .070 | .071 | .055 | .042 | .023 | .018 | .014 |   |  |
| 5.0         | .201                  | .145 | .104 | .173 | .126 | .090 | .119  | .088 | .064 | .069 | .051 | .038 | .022 | .017 | .012 |   |  |
| 6.0         | .195                  | .137 | .095 | .167 | .118 | .083 | .115  | .083 | .059 | .067 | .049 | .035 | .022 | .016 | .012 |   |  |
| 7.0         | .188                  | .130 | .089 | .162 | .113 | .078 | .112  | .079 | .055 | .065 | .047 | .033 | .021 | .015 | .011 |   |  |
| 8.0         | .182                  | .124 | .085 | .157 | .108 | .074 | .109  | .076 | .052 | .063 | .045 | .031 | .020 | .015 | .010 |   |  |
| 9.0         | .177                  | .120 | .081 | .152 | .104 | .071 | .105  | .073 | .050 | .061 | .043 | .030 | .020 | .014 | .010 |   |  |
| 10.0        | .171                  | .115 | .078 | .148 | .100 | .068 | .102  | .070 | .049 | .060 | .042 | .029 | .019 | .014 | .010 |   |  |

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:ZZX  
 Test Date:2023-07-13

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.465  
 Humidity:65.0%  
 Test Distance:26.000m [K=0.4556]  
 Remarks:

# EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

## UGR(Unified Glare Rating) Table

|                 |     |                  |      |      |      |      |                |      |      |      |      |
|-----------------|-----|------------------|------|------|------|------|----------------|------|------|------|------|
| 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   | 2H  | 23.3             | 24.7 | 23.8 | 25.2 | 25.7 | 23.5           | 24.9 | 24.0 | 25.4 | 25.9 |
|                 | 3H  | 24.4             | 25.7 | 24.9 | 26.2 | 26.7 | 24.6           | 25.9 | 25.1 | 26.3 | 26.9 |
|                 | 4H  | 24.8             | 26.0 | 25.3 | 26.5 | 27.0 | 24.9           | 26.1 | 25.5 | 26.6 | 27.2 |
|                 | 6H  | 25.0             | 26.1 | 25.5 | 26.6 | 27.2 | 25.2           | 26.3 | 25.7 | 26.8 | 27.3 |
|                 | 8H  | 25.1             | 26.1 | 25.6 | 26.7 | 27.2 | 25.2           | 26.3 | 25.8 | 26.8 | 27.4 |
|                 | 12H | 25.2             | 26.2 | 25.7 | 26.7 | 27.3 | 25.3           | 26.3 | 25.9 | 26.8 | 27.4 |
|                 | 4H  | 2H               | 23.7 | 24.9 | 24.2 | 25.4 | 25.9           | 23.9 | 25.1 | 24.4 | 25.6 |
|                 | 3H  | 25.0             | 26.0 | 25.5 | 26.5 | 27.1 | 25.2           | 26.1 | 25.7 | 26.7 | 27.2 |
|                 | 4H  | 25.5             | 26.4 | 26.0 | 26.9 | 27.5 | 25.6           | 26.5 | 26.1 | 27.0 | 27.6 |
|                 | 6H  | 25.8             | 26.6 | 26.4 | 27.2 | 27.8 | 25.9           | 26.7 | 26.5 | 27.3 | 27.9 |
|                 | 8H  | 26.0             | 26.7 | 26.5 | 27.2 | 27.9 | 26.0           | 26.8 | 26.6 | 27.3 | 28.0 |
|                 | 12H | 26.1             | 26.7 | 26.7 | 27.3 | 27.9 | 26.2           | 26.8 | 26.7 | 27.4 | 28.0 |
|                 | 8H  | 4H               | 25.6 | 26.3 | 26.2 | 26.9 | 27.5           | 25.7 | 26.4 | 26.3 | 27.0 |
|                 | 6H  | 26.1             | 26.7 | 26.7 | 27.3 | 27.9 | 26.1           | 26.7 | 26.7 | 27.4 | 28.0 |
|                 | 8H  | 26.2             | 26.8 | 26.9 | 27.4 | 28.0 | 26.3           | 26.9 | 26.9 | 27.5 | 28.1 |
|                 | 12H | 26.4             | 26.9 | 27.0 | 27.5 | 28.2 | 26.5           | 27.0 | 27.1 | 27.6 | 28.3 |
|                 | 12H | 4H               | 25.6 | 26.3 | 26.2 | 26.9 | 27.5           | 25.7 | 26.4 | 26.3 | 27.0 |
|                 | 6H  | 26.1             | 26.6 | 26.7 | 27.2 | 27.9 | 26.2           | 26.7 | 26.8 | 27.3 | 28.0 |
|                 | 8H  | 26.3             | 26.8 | 26.9 | 27.4 | 28.1 | 26.4           | 26.9 | 27.0 | 27.5 | 28.2 |
| CIE190: 2010    |     |                  |      |      |      |      |                |      |      |      |      |
|                 |     |                  |      |      |      |      |                |      |      |      |      |

CIE190: 2010  
Area: 0.1392 m2

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:ZZX  
Test Date:2023-07-13

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.465  
Humidity:65.0%  
Test Distance:26.000m [K=0.4556]  
Remarks:

# EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

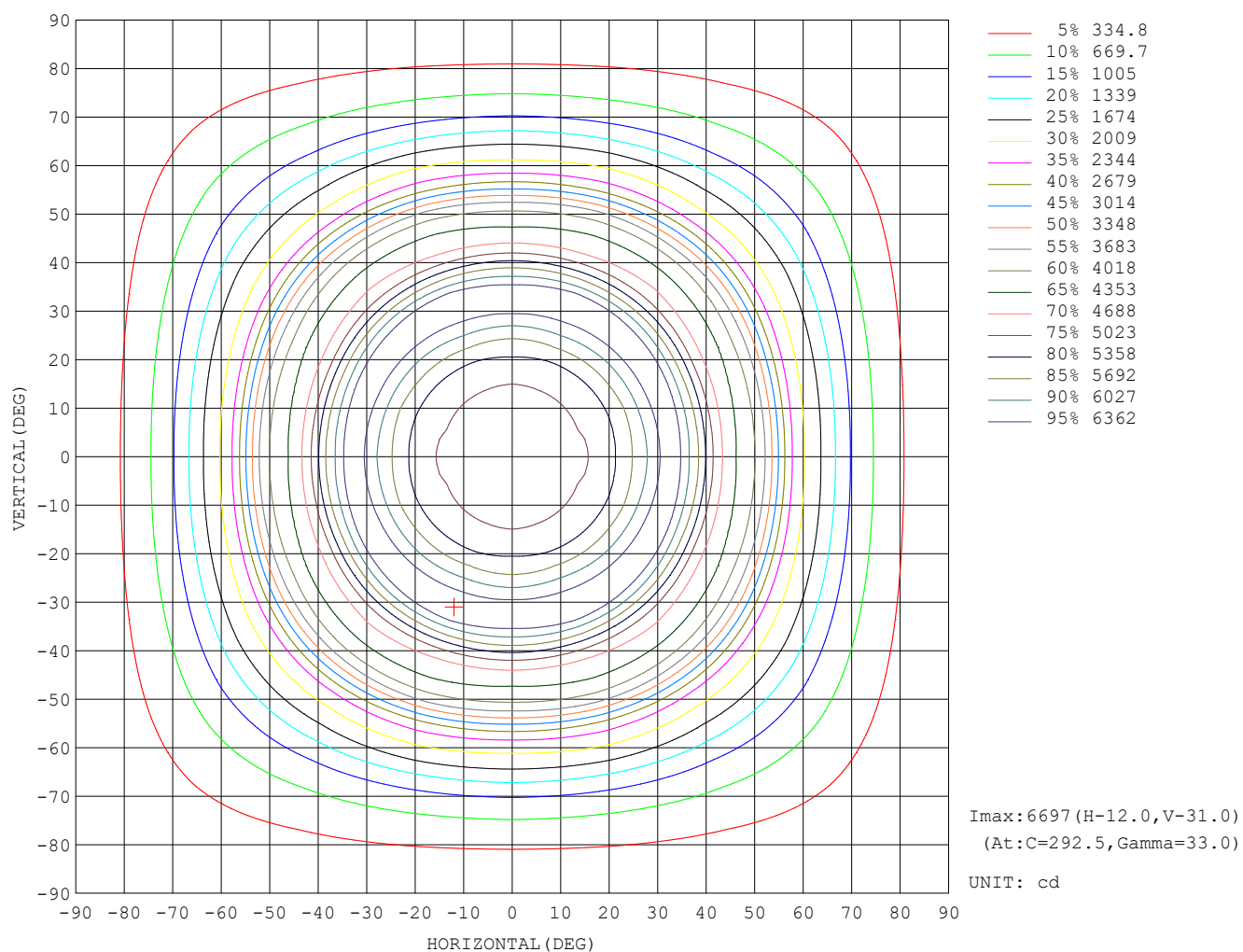
## UTILIZATION FACTORS TABLE

| REFLECTANCE                      |  |     |     |     |     |           |     |     |               |        |
|----------------------------------|--|-----|-----|-----|-----|-----------|-----|-----|---------------|--------|
| Ceiling                          | 0.8  | 0.8 | 0.8 | 0.7 | 0.7 | 0.7       | 0.5 | 0.5 | 0.5           | 0      |
| Walls                            | 0.7  | 0.5 | 0.3 | 0.7 | 0.5 | 0.3       | 0.7 | 0.5 | 0.3           | 0      |
| Working plane                    | 0.2  | 0.2 | 0.2 | 0.2 | 0.2 | 0.2       | 0.2 | 0.2 | 0.2           | 0      |
| ROOM INDEX                       | UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$ |     |     |     |     |           |     |     |               |        |
| $k = 0.60$                       | 58   | 46  | 40  | 57  | 46  | 39        | 55  | 45  | 39            | 33     |
| 0.80                             | 68   | 57  | 50  | 67  | 56  | 49        | 64  | 55  | 49            | 42     |
| 1.00                             | 77   | 66  | 59  | 75  | 65  | 59        | 72  | 66  | 58            | 50     |
| 1.25                             | 84   | 74  | 67  | 82  | 73  | 66        | 79  | 71  | 65            | 57     |
| 1.50                             | 89   | 79  | 73  | 87  | 78  | 72        | 83  | 76  | 70            | 62     |
| 2.00                             | 95   | 87  | 81  | 93  | 86  | 80        | 89  | 83  | 78            | 69     |
| 2.50                             | 99   | 91  | 86  | 96  | 90  | 84        | 91  | 86  | 82            | 72     |
| 3.00                             | 102  | 95  | 90  | 99  | 93  | 89        | 94  | 90  | 86            | 76     |
| 4.00                             | 105  | 100 | 96  | 103 | 98  | 94        | 97  | 93  | 90            | 79     |
| 5.00                             | 108  | 103 | 99  | 105 | 101 | 97        | 99  | 96  | 93            | 82     |
| 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: 25.3°C  
 Operators: ZZX  
 Test Date: 2023-07-13

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.465  
 Humidity: 65.0%  
 Test Distance: 26.000m [K=0.4556]  
 Remarks:

## ISOCANDELA DIAGRAM

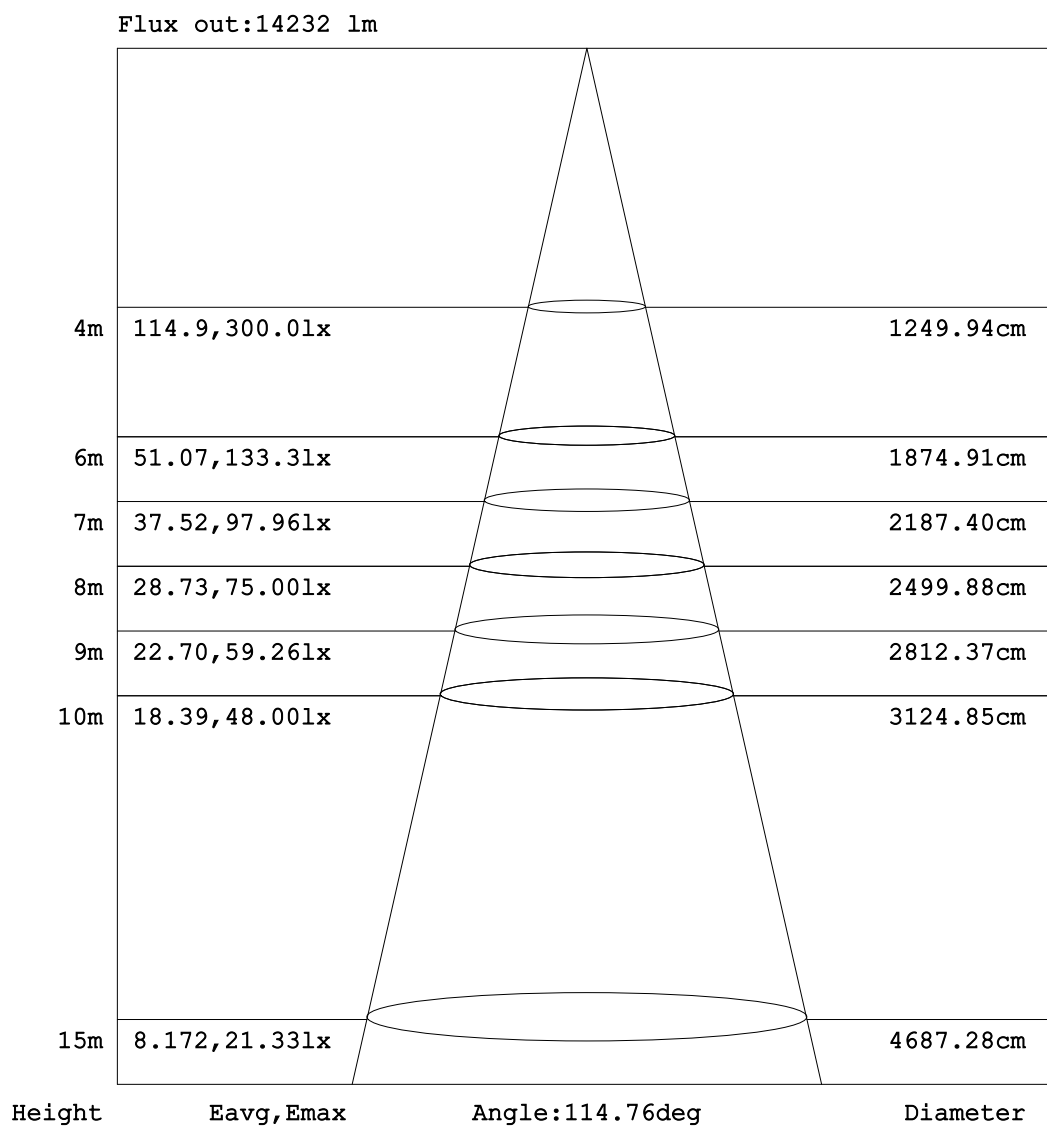


C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: ZZK  
Test Date: 2023-07-13

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.465  
Humidity: 65.0%  
Test Distance: 26.000m [K=0.4556]  
Remarks:



## AAI Figure



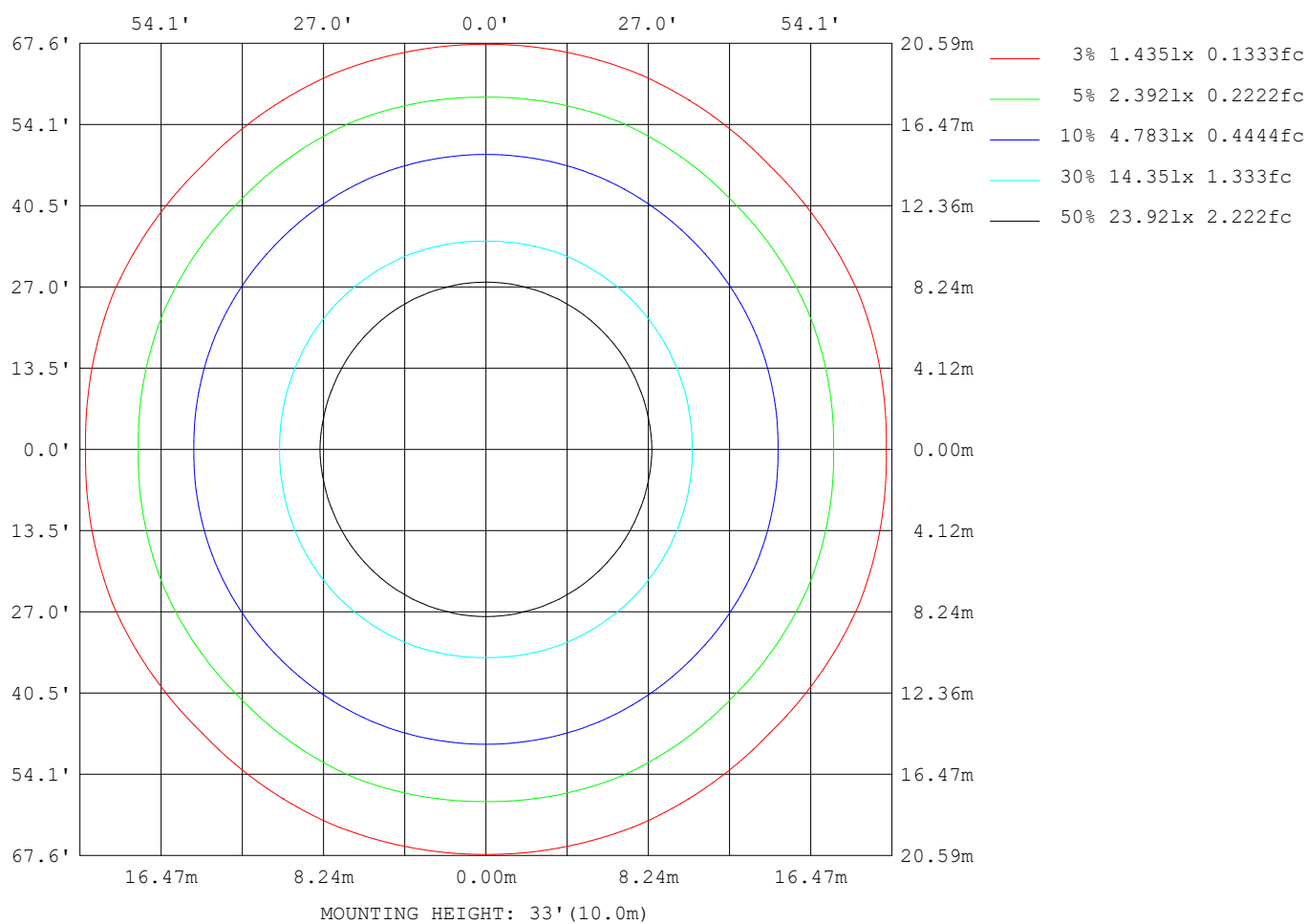
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:ZZX  
Test Date:2023-07-13

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.465  
Humidity:65.0%  
Test Distance:26.000m [K=0.4556]  
Remarks:

# EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

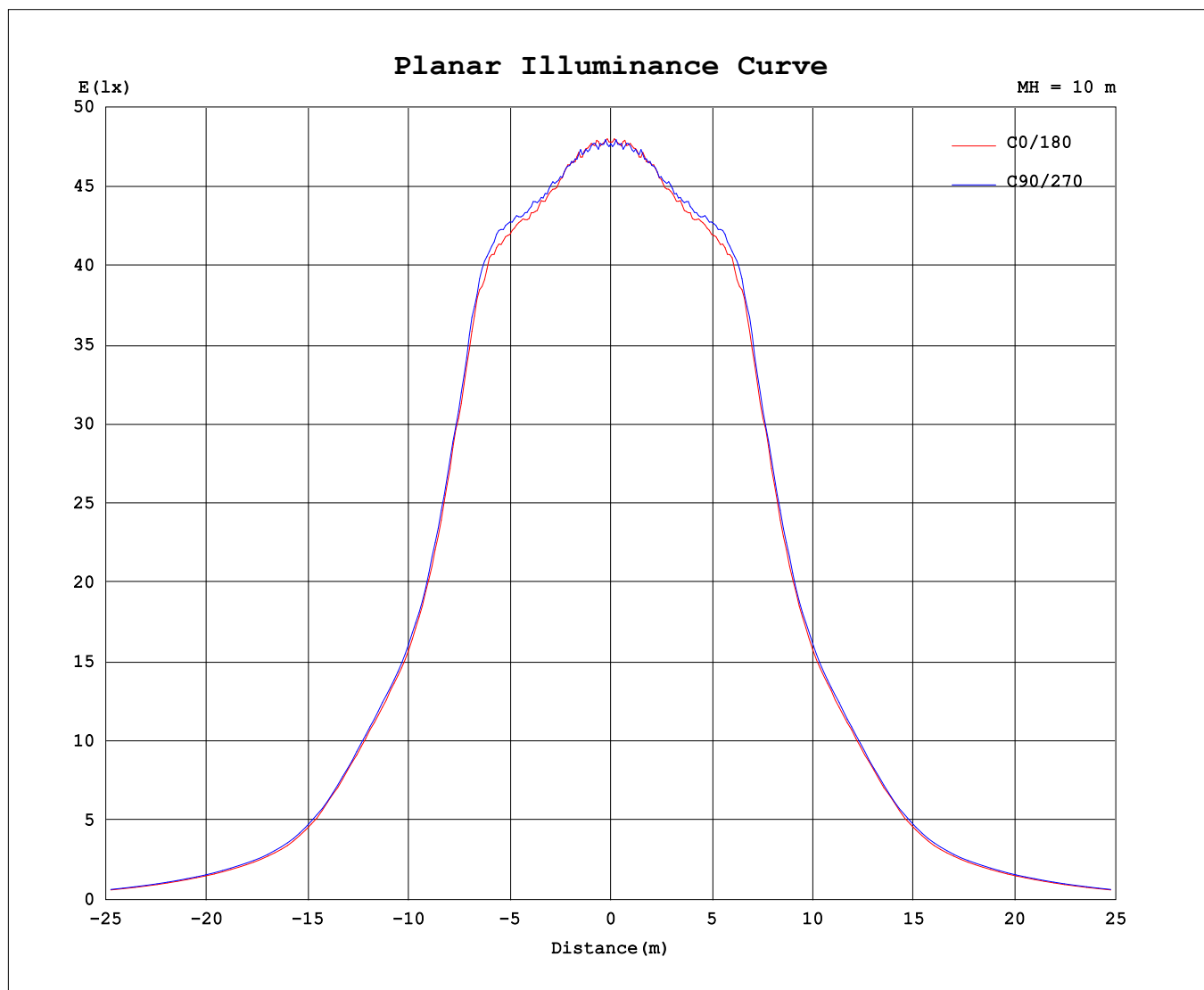
## ISOLUX DIAGRAM



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: ZZX  
Test Date: 2023-07-13

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.465  
Humidity: 65.0%  
Test Distance: 26.000m [K=0.4556]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: ZZX  
Test Date: 2023-07-13

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.465  
Humidity: 65.0%  
Test Distance: 26.000m [K=0.4556]  
Remarks: