

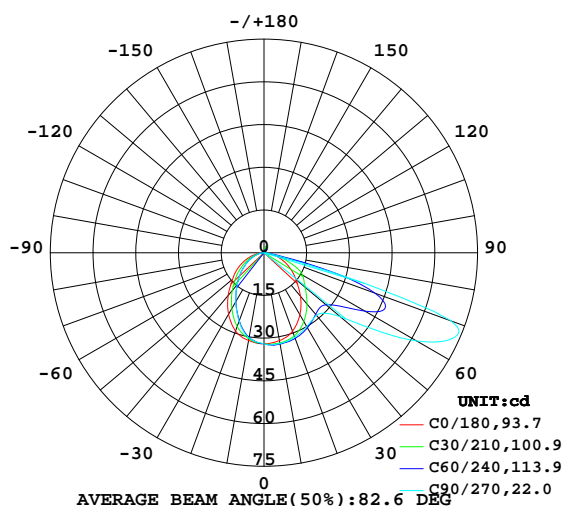
## LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:5.7959V I:0.4001A P:2.3187W PF:1.0000 Freq:0Hz UTHDi:0.00% ITHDi:0.00% Lamp Flux:99.2403x1 lm

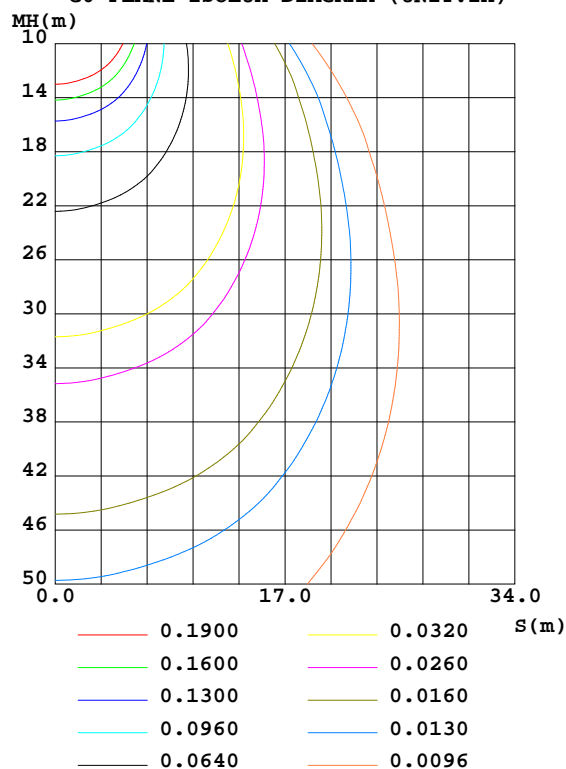
|                    |                                  |                  |
|--------------------|----------------------------------|------------------|
| NAME: A2W22-30WT   | TYPE: Recessed-mounted Luminaire | UPPER LIMIT:     |
| SPEC.:             | DIM.:                            | SERIAL No.:      |
| MFR.: WAC Lighting | SUR.:                            | Shielding Angle: |

| DATA OF LAMP     |         | PHOTOMETRIC DATA |        |                        |          | Eff: 42.80 lm/W |
|------------------|---------|------------------|--------|------------------------|----------|-----------------|
| MODEL            |         | Imax(cd)         | 73.88  | S/MH(C0/180)           | 1.18     |                 |
| NOMINAL POWER(W) |         | LOR(%)           | 100.0  | S/MH(C90/270)          | 1.41     |                 |
| RATED VOLTAGE(V) | 6       | TOTAL FLUX(lm)   | 99.240 | $\eta$ UP,DN(C0-180)   | 0.7,33.1 |                 |
| NOMINAL FLUX(lm) | 99.2403 | CIE CLASS        | DIRECT | $\eta$ UP,DN(C180-360) | 1.0,65.2 |                 |
| LAMPS INSIDE     | 1       | $\eta$ up(%)     | 1.8    | CIBSE SHR NOM          | 1.25     |                 |
| TEST VOLTAGE(V)  | 6       | $\eta$ down(%)   | 98.2   | CIBSE SHR MAX          | 1.35     |                 |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Oliver  
Test Date:2020-09-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.428  
Humidity:65.0%  
Test Distance:2.514m [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       | 31.30                 | 30.42  | 30.36  | 30.63  | 31.33  | 32.35  | 32.39  | 32.05  | 0- 10    | 3.029       | 3.029        | 3.05,3.05  |
| 20       | 29.25                 | 26.42  | 25.62  | 27.29  | 29.34  | 31.71  | 31.57  | 30.85  | 10- 20   | 8.571       | 11.60        | 11.7,11.7  |
| 30       | 24.90                 | 21.00  | 19.84  | 22.09  | 25.18  | 29.37  | 29.99  | 27.63  | 20- 30   | 12.49       | 24.09        | 24.3,24.3  |
| 40       | 19.58                 | 15.82  | 14.69  | 16.81  | 19.93  | 25.91  | 28.73  | 23.51  | 30- 40   | 14.33       | 38.42        | 38.7,38.7  |
| 50       | 14.44                 | 11.42  | 10.46  | 12.26  | 14.70  | 23.09  | 35.02  | 20.71  | 40- 50   | 14.71       | 53.12        | 53.5,53.5  |
| 60       | 10.39                 | 7.512  | 6.838  | 8.201  | 10.39  | 25.08  | 61.96  | 21.65  | 50- 60   | 16.34       | 69.47        | 70,70      |
| 70       | 6.372                 | 4.291  | 3.910  | 4.828  | 6.286  | 16.98  | 69.87  | 11.07  | 60- 70   | 18.51       | 87.97        | 88.6,88.6  |
| 80       | 2.747                 | 1.703  | 1.607  | 2.144  | 2.773  | 3.196  | 1.712  | 2.302  | 70- 80   | 8.576       | 96.55        | 97.3,97.3  |
| 90       | 0.0947                | 0      | 0      | 0.0368 | 0.3736 | 0      | 0      | 0      | 80- 90   | 0.9514      | 97.50        | 98.2,98.2  |
| 100      | 0.1126                | 0.0000 | 0      | 0.0690 | 0.4064 | 0      | 0      | 0      | 90-100   | 0.0538      | 97.55        | 98.3,98.3  |
| 110      | 0.1920                | 0.0727 | 0.0447 | 0.1391 | 0.5645 | 0.0363 | 0      | 0.0184 | 100-110  | 0.0833      | 97.64        | 98.4,98.4  |
| 120      | 0.2654                | 0.1782 | 0.1413 | 0.2292 | 0.7485 | 0.1069 | 0.0227 | 0.1030 | 110-120  | 0.1399      | 97.78        | 98.5,98.5  |
| 130      | 0.3626                | 0.2837 | 0.2481 | 0.3267 | 0.8153 | 0.4029 | 0.0672 | 0.3739 | 120-130  | 0.2052      | 97.98        | 98.7,98.7  |
| 140      | 0.4634                | 0.3655 | 0.3662 | 0.4300 | 0.8625 | 1.382  | 0.1665 | 1.214  | 130-140  | 0.3703      | 98.35        | 99.1,99.1  |
| 150      | 0.5062                | 0.4066 | 0.5523 | 0.5575 | 0.8437 | 0.8630 | 0.2825 | 0.8316 | 140-150  | 0.3862      | 98.74        | 99.5,99.5  |
| 160      | 0.4088                | 0.3381 | 0.5813 | 0.6456 | 0.9314 | 0.9431 | 0.4105 | 1.027  | 150-160  | 0.2946      | 99.03        | 99.8,99.8  |
| 170      | 0.4259                | 0.3162 | 0.3655 | 0.4656 | 0.3121 | 0.8307 | 0.4542 | 0.6051 | 160-170  | 0.1821      | 99.22        | 100,100    |
| 180      | 0                     | 0      | 0.3740 | 0.1074 | 0      | 0      | 0      | 0      | 170-180  | 0.0250      | 99.24        | 100,100    |
| DEG      | LUMINOUS INTENSITY:cd |        |        |        |        |        |        |        |          | UNIT:lm     |              |            |

Conical surface Flux(90deg): 45.737 lm

%lum = 46.1%

%lamp = 46.1%

Conical surface Flux(120deg): 69.466 lm

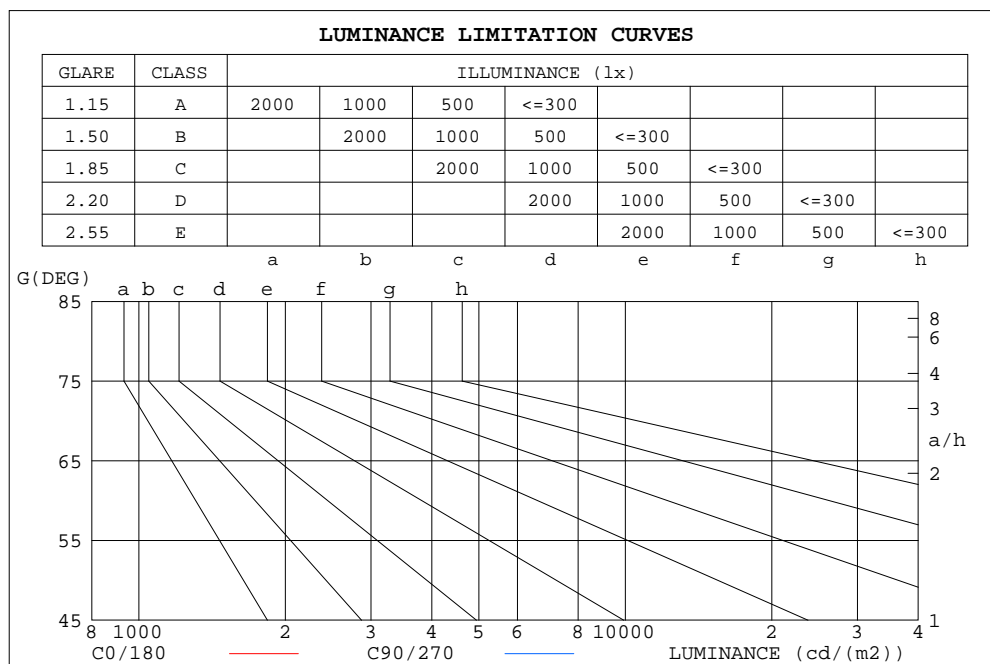
%lum = 70.0%

%lamp = 70.0%

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Oliver  
 Test Date:2020-09-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.428  
 Humidity:65.0%  
 Test Distance:2.514m [K=1.0000]  
 Remarks:

## LUMINANCE LIMITATION CURVES



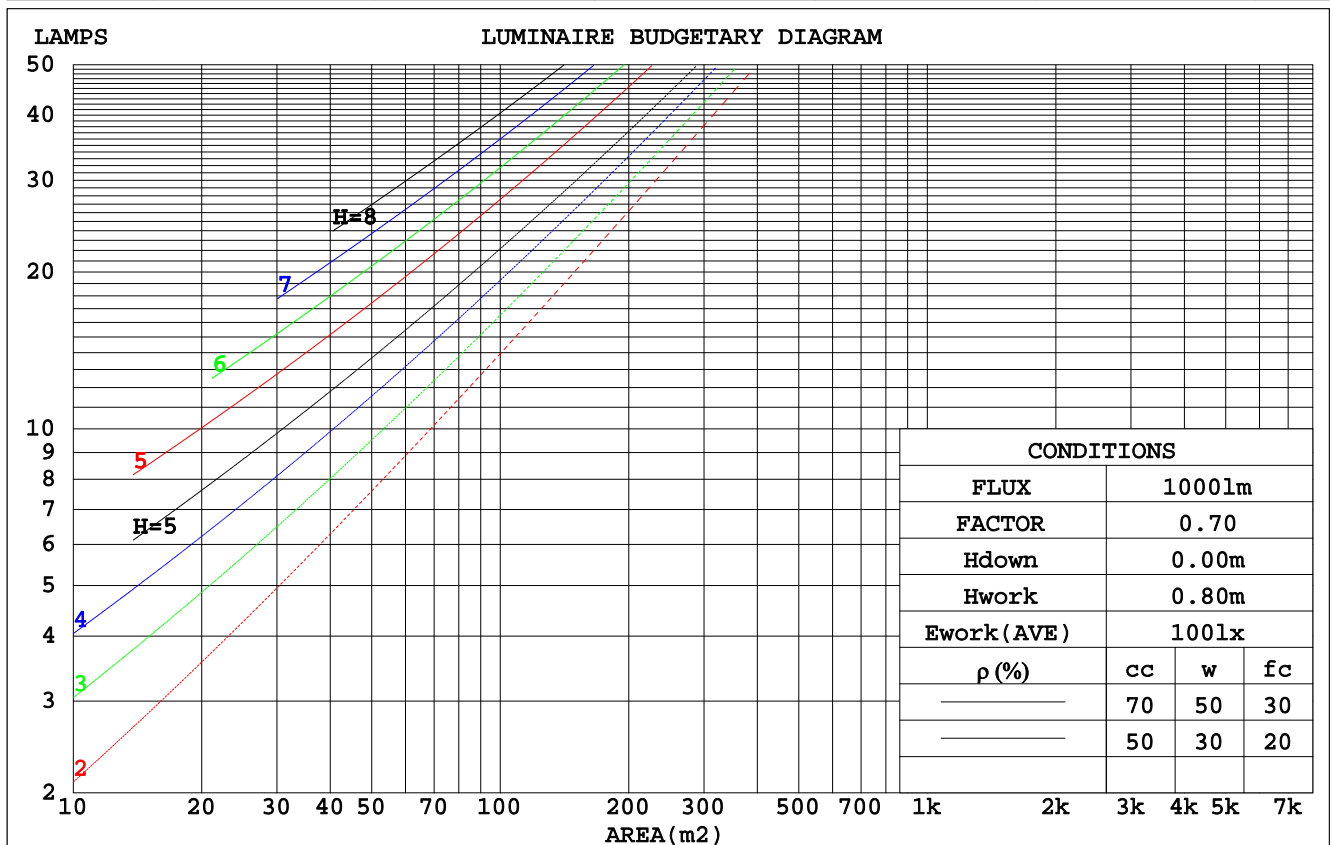
| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G(°)              | C0/180 | C90/270 |
| 85                | 354    | 248     |
| 80                | 529    | 310     |
| 75                | 580    | 347     |
| 70                | 623    | 383     |
| 65                | 661    | 419     |
| 60                | 695    | 458     |
| 55                | 726    | 500     |
| 50                | 751    | 545     |
| 45                | 796    | 594     |

C Range: 0 - 360°  
C Interval: 10.0°  
Test Speed: HIGH  
Temperature: 25.3°  
Operators: Oliver  
Test Date: 2020-09-11

γ Range: 0 - 180°  
γ Interval: 1.0°  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.428  
Humidity: 65.0%  
Test Distance: 2.514m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| pcc  | 80%                   |      |      | 70%  |      |      | 50%                             |      |      | 30%  |      |      | 10%  |      |      | 0   |
|------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|-----|
| ρw   | 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 |      |      |      |      |      | Coefficients of Utilization(CU) |      |      |      |      |      |      |      |      |     |
| 0.0  | 1.19                  | 1.19 | 1.19 | 1.16 | 1.16 | 1.16 | 1.10                            | 1.10 | 1.10 | 1.05 | 1.05 | 1.05 | 1.00 | 1.00 | 1.00 | .98 |
| 1.0  | 1.03                  | .98  | .94  | 1.00 | .96  | .92  | .96                             | .92  | .89  | .91  | .89  | .86  | .88  | .85  | .83  | .81 |
| 2.0  | .88                   | .81  | .75  | .86  | .79  | .74  | .82                             | .77  | .72  | .79  | .74  | .70  | .75  | .71  | .68  | .66 |
| 3.0  | .77                   | .68  | .61  | .75  | .67  | .60  | .71                             | .65  | .59  | .68  | .63  | .58  | .66  | .61  | .56  | .54 |
| 4.0  | .67                   | .58  | .51  | .66  | .57  | .50  | .63                             | .55  | .49  | .60  | .54  | .48  | .58  | .52  | .48  | .45 |
| 5.0  | .60                   | .50  | .43  | .58  | .49  | .43  | .56                             | .48  | .42  | .54  | .47  | .41  | .52  | .46  | .41  | .39 |
| 6.0  | .53                   | .44  | .37  | .52  | .43  | .37  | .50                             | .42  | .37  | .48  | .41  | .36  | .47  | .40  | .36  | .33 |
| 7.0  | .48                   | .39  | .33  | .47  | .39  | .33  | .46                             | .38  | .32  | .44  | .37  | .32  | .42  | .36  | .31  | .29 |
| 8.0  | .44                   | .35  | .29  | .43  | .35  | .29  | .42                             | .34  | .29  | .40  | .33  | .28  | .39  | .33  | .28  | .26 |
| 9.0  | .40                   | .32  | .26  | .40  | .32  | .26  | .38                             | .31  | .26  | .37  | .30  | .26  | .36  | .30  | .25  | .23 |
| 10.0 | .37                   | .29  | .24  | .37  | .29  | .24  | .35                             | .28  | .23  | .34  | .28  | .23  | .33  | .27  | .23  | .21 |



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Oliver  
 Test Date: 2020-09-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.428  
 Humidity: 65.0%  
 Test Distance: 2.514m [K=1.0000]  
 Remarks:

## WEC AND CCEC

| 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  | .324                  | .184 | .058 | .317 | .181 | .057 | .302                            | .173 | .055 | .289 | .167 | .054 | .277 | .161 | .052 |   |
| 2.0  | .309                  | .169 | .052 | .302 | .166 | .051 | .289                            | .161 | .050 | .278 | .156 | .049 | .267 | .151 | .048 |   |
| 3.0  | .286                  | .152 | .046 | .279 | .150 | .045 | .268                            | .145 | .044 | .258 | .141 | .043 | .248 | .137 | .042 |   |
| 4.0  | .262                  | .136 | .040 | .257 | .134 | .040 | .247                            | .131 | .039 | .237 | .127 | .038 | .228 | .124 | .038 |   |
| 5.0  | .241                  | .123 | .036 | .236 | .121 | .035 | .227                            | .118 | .035 | .219 | .115 | .034 | .211 | .113 | .034 |   |
| 6.0  | .222                  | .111 | .032 | .218 | .110 | .032 | .210                            | .108 | .031 | .202 | .105 | .031 | .195 | .103 | .030 |   |
| 7.0  | .206                  | .102 | .029 | .202 | .101 | .029 | .195                            | .098 | .028 | .188 | .096 | .028 | .181 | .094 | .028 |   |
| 8.0  | .191                  | .093 | .026 | .188 | .092 | .026 | .181                            | .091 | .026 | .175 | .089 | .026 | .169 | .087 | .025 |   |
| 9.0  | .178                  | .086 | .024 | .175 | .085 | .024 | .170                            | .084 | .024 | .164 | .082 | .024 | .159 | .081 | .023 |   |
| 10.0 | .167                  | .080 | .022 | .164 | .079 | .022 | .159                            | .078 | .022 | .154 | .077 | .022 | .149 | .075 | .022 |   |

| ρcc  | 80%                   |      |      | 70%  |      |      | 50%  |      |      | 30%  |      |      | 10%  |      |      | 0 |
|------|-----------------------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|---|
| ρw   | 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  | .204                  | .204 | .204 | .174 | .174 | .174 | .119                                       | .119 | .119 | .068 | .068 | .068 | .022 | .022 | .022 |   |
| 1.0  | .195                  | .169 | .147 | .167 | .145 | .126 | .114                                       | .100 | .087 | .066 | .058 | .051 | .021 | .019 | .016 |   |
| 2.0  | .188                  | .145 | .109 | .161 | .125 | .095 | .110                                       | .087 | .066 | .064 | .050 | .039 | .020 | .016 | .013 |   |
| 3.0  | .181                  | .128 | .086 | .155 | .110 | .074 | .107                                       | .077 | .052 | .062 | .045 | .031 | .020 | .015 | .010 |   |
| 4.0  | .174                  | .115 | .070 | .149 | .099 | .061 | .103                                       | .069 | .043 | .059 | .041 | .025 | .019 | .013 | .008 |   |
| 5.0  | .166                  | .105 | .059 | .143 | .091 | .052 | .098                                       | .063 | .036 | .057 | .037 | .022 | .018 | .012 | .007 |   |
| 6.0  | .159                  | .096 | .052 | .137 | .084 | .045 | .094                                       | .058 | .032 | .055 | .034 | .019 | .018 | .011 | .006 |   |
| 7.0  | .152                  | .090 | .046 | .131 | .078 | .040 | .090                                       | .054 | .028 | .052 | .032 | .017 | .017 | .011 | .006 |   |
| 8.0  | .145                  | .084 | .042 | .125 | .073 | .036 | .086                                       | .051 | .026 | .050 | .030 | .015 | .016 | .010 | .005 |   |
| 9.0  | .139                  | .079 | .039 | .120 | .068 | .034 | .083                                       | .048 | .024 | .048 | .028 | .014 | .016 | .009 | .005 |   |
| 10.0 | .133                  | .075 | .036 | .114 | .065 | .031 | .079                                       | .046 | .022 | .046 | .027 | .013 | .015 | .009 | .004 |   |

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Oliver  
 Test Date: 2020-09-11

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.428  
 Humidity: 65.0%  
 Test Distance: 2.514m [K=1.0000]  
 Remarks:

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   | 9.9              | 11.4 | 10.2 | 11.7 | 11.9 | 7.9            | 9.4  | 8.2  | 9.7  | 9.9  |
| 3H  | 11.3             | 12.8 | 11.7 | 13.0 | 13.3 | 8.9            | 10.4 | 9.3  | 10.7 | 10.9 |
| 4H  | 11.9             | 13.3 | 12.3 | 13.6 | 13.9 | 9.4            | 10.7 | 9.7  | 11.0 | 11.3 |
| 6H  | 12.4             | 13.7 | 12.7 | 14.0 | 14.3 | 9.7            | 11.0 | 10.0 | 11.3 | 11.6 |
| 8H  | 12.5             | 13.8 | 12.9 | 14.1 | 14.4 | 9.8            | 11.0 | 10.1 | 11.3 | 11.7 |
| 12H   | 12.6             | 13.8 | 13.0 | 14.1 | 14.5 | 9.8            | 11.0 | 10.2 | 11.4 | 11.7 |
| 4H 2H   | 10.1             | 11.5 | 10.4 | 11.8 | 12.1 | 8.5            | 9.8  | 8.8  | 10.1 | 10.4 |
| 3H  | 11.7             | 12.9 | 12.1 | 13.3 | 13.6 | 9.7            | 10.9 | 10.1 | 11.2 | 11.6 |
| 4H  | 12.5             | 13.6 | 12.9 | 13.9 | 14.3 | 10.2           | 11.3 | 10.6 | 11.7 | 12.0 |
| 6H  | 13.1             | 14.0 | 13.5 | 14.4 | 14.8 | 10.6           | 11.6 | 11.0 | 12.0 | 12.4 |
| 8H  | 13.3             | 14.2 | 13.7 | 14.6 | 15.0 | 10.7           | 11.6 | 11.2 | 12.0 | 12.5 |
| 12H   | 13.4             | 14.2 | 13.8 | 14.6 | 15.1 | 10.8           | 11.6 | 11.3 | 12.1 | 12.5 |
| 8H 4H   | 12.5             | 13.5 | 13.0 | 13.9 | 14.3 | 10.5           | 11.4 | 10.9 | 11.8 | 12.2 |
| 6H  | 13.3             | 14.0 | 13.7 | 14.5 | 14.9 | 11.0           | 11.8 | 11.5 | 12.2 | 12.7 |
| 8H  | 13.6             | 14.2 | 14.0 | 14.7 | 15.2 | 11.2           | 11.8 | 11.7 | 12.3 | 12.8 |
| 12H   | 13.7             | 14.3 | 14.2 | 14.8 | 15.3 | 11.3           | 11.9 | 11.8 | 12.3 | 12.8 |
| 12H 4H  | 12.5             | 13.4 | 13.0 | 13.8 | 14.2 | 10.5           | 11.4 | 11.0 | 11.8 | 12.2 |
| 6H  | 13.3             | 13.9 | 13.8 | 14.4 | 14.9 | 11.1           | 11.7 | 11.5 | 12.2 | 12.7 |
| 8H  | 13.6             | 14.2 | 14.1 | 14.6 | 15.2 | 11.3           | 11.9 | 11.8 | 12.3 | 12.8 |
| Variations with the observer position at spacings(CIE Pub.117): |                  |      |      |      |      |                |      |      |      |      |
| S = 1.0H  | + 0.1 / - 0.2    |      |      |      |      | + 0.2 / - 0.3  |      |      |      |      |
| 1.5H  | + 0.2 / - 0.3    |      |      |      |      | + 0.1 / - 0.1  |      |      |      |      |
| 2.0H  | + 0.5 / - 0.6    |      |      |      |      | + 0.3 / - 0.3  |      |      |      |      |

CIE Pub.117, 99.24 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -8.0)  
Area: 0.03 m2

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Oliver  
Test Date:2020-09-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.428  
Humidity:65.0%  
Test Distance:2.514m [K=1.0000]  
Remarks:

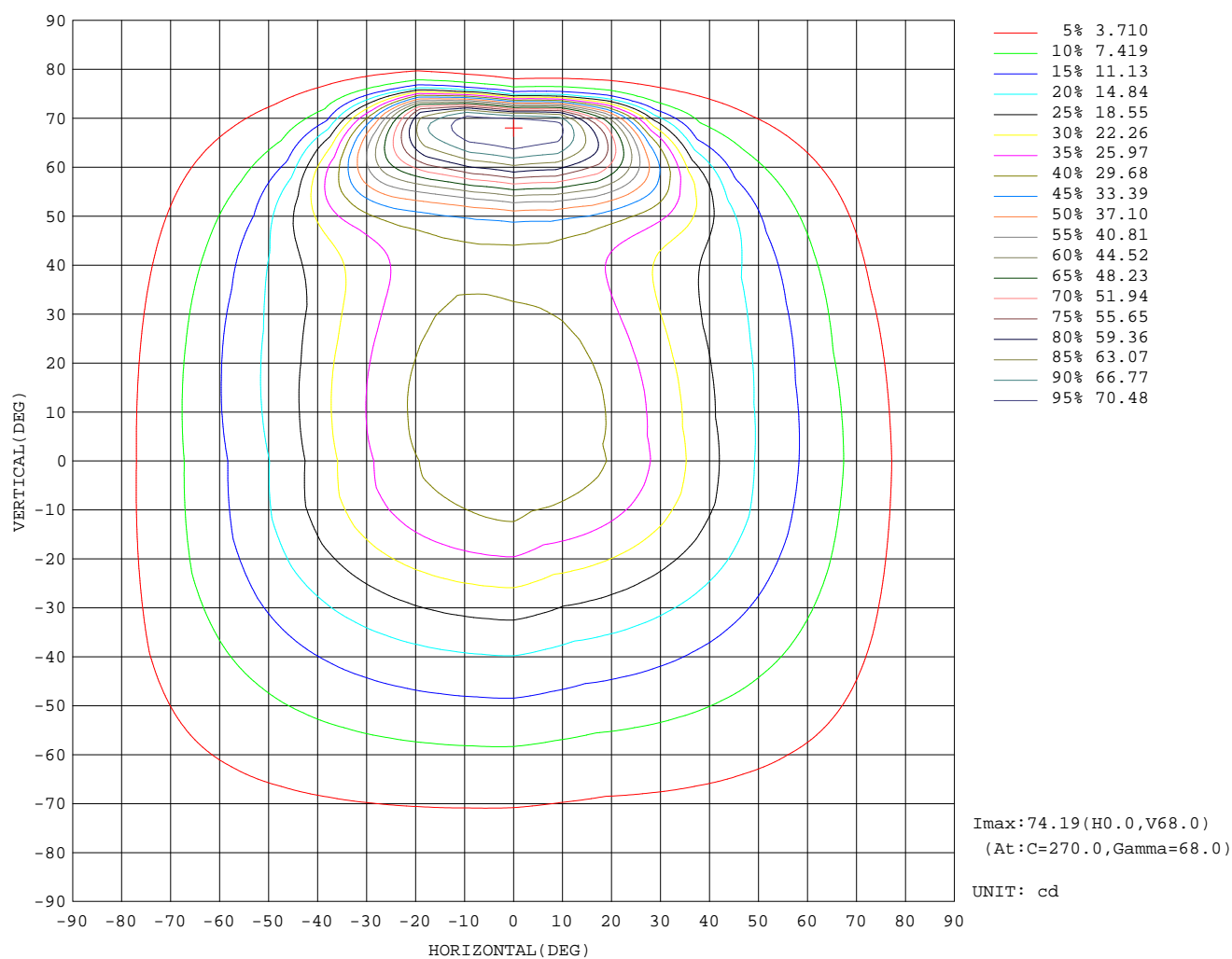
## UTILIZATION FACTORS TABLE

| 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                         | 55  | 43  | 36  | 54        | 43  | 35  | 53  | 42            | 35  | 29     |
| 0.80                             | 64  | 52  | 44  | 63        | 52  | 44  | 61  | 51            | 44  | 36     |
| 1.00                             | 72  | 60  | 53  | 71        | 60  | 52  | 68  | 61            | 52  | 44     |
| 1.25                             | 79  | 68  | 60  | 78        | 67  | 60  | 75  | 66            | 59  | 51     |
| 1.50                             | 85  | 74  | 66  | 83        | 73  | 66  | 79  | 71            | 65  | 56     |
| 2.00                             | 92  | 83  | 76  | 90        | 81  | 75  | 86  | 79            | 73  | 65     |
| 2.50                             | 97  | 88  | 82  | 94        | 87  | 81  | 90  | 84            | 79  | 70     |
| 3.00                             | 100   | 93  | 87  | 98        | 91  | 86  | 94  | 88            | 84  | 74     |
| 4.00                             | 105   | 99  | 94  | 103       | 97  | 93  | 98  | 94            | 90  | 80     |
| 5.00                             | 108   | 103 | 99  | 105       | 101 | 97  | 100 | 97            | 94  | 84     |
| 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: HIGH  
 Temperature: 25.3DEG  
 Operators: Oliver  
 Test Date: 2020-09-11

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.428  
 Humidity: 65.0%  
 Test Distance: 2.514m [K=1.0000]  
 Remarks:

## ISOCANDELA DIAGRAM

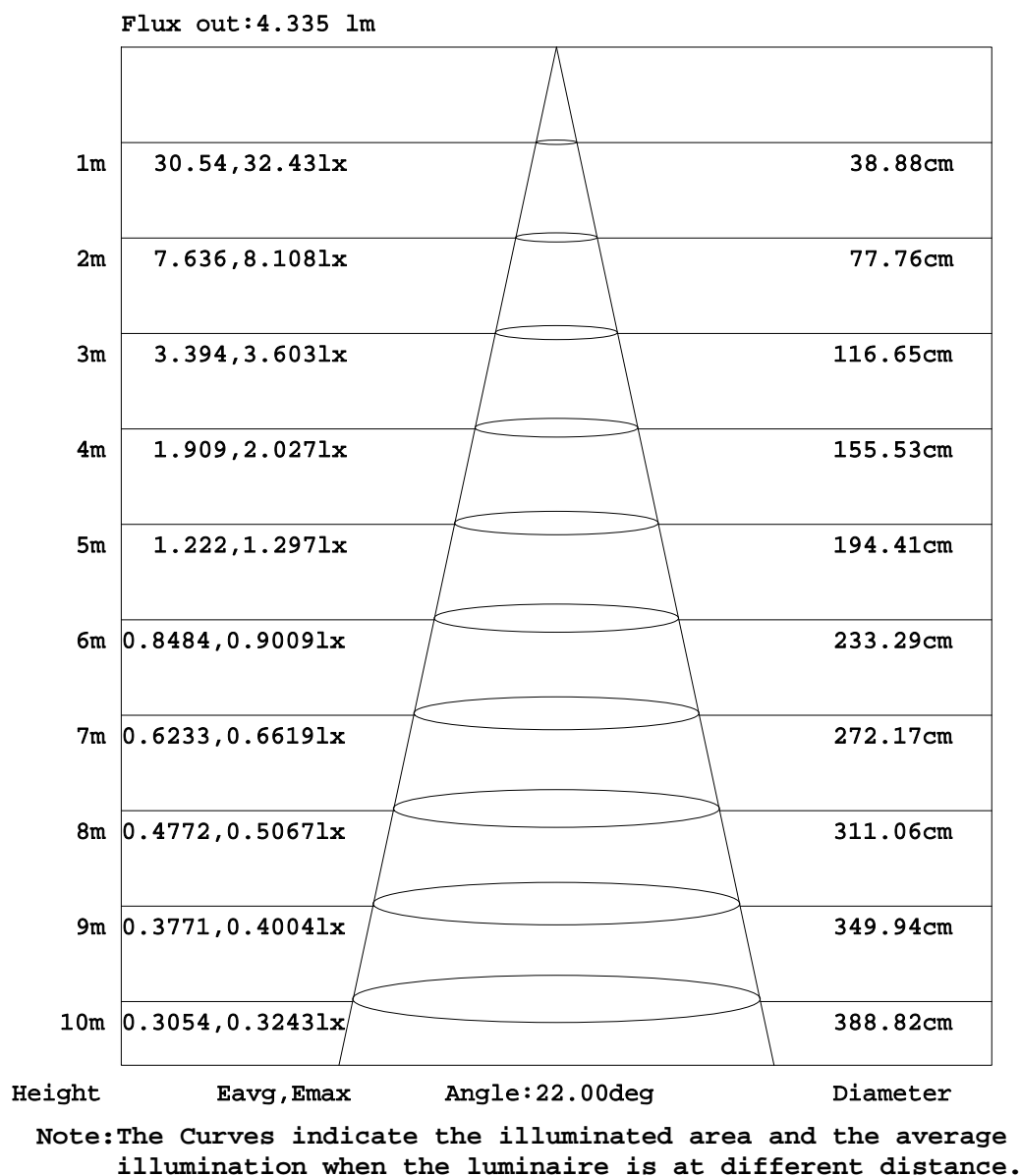


C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Oliver  
Test Date: 2020-09-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.428  
Humidity: 65.0%  
Test Distance: 2.514m [K=1.0000]  
Remarks:



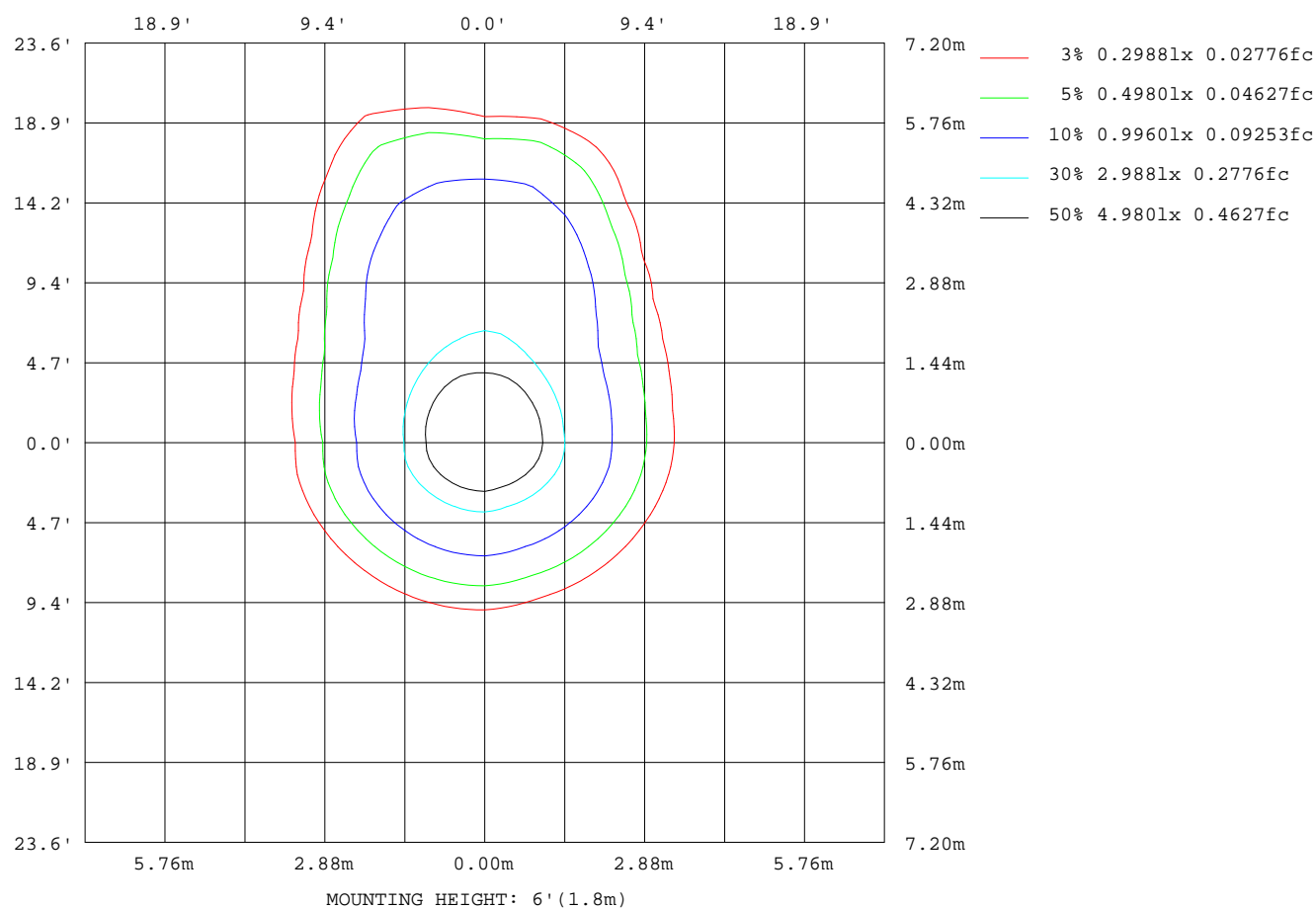
## AAI Figure



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Oliver  
 Test Date: 2020-09-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.428  
 Humidity: 65.0%  
 Test Distance: 2.514m [K=1.0000]  
 Remarks:

## ISOLUX DIAGRAM



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Oliver  
Test Date: 2020-09-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.428  
Humidity: 65.0%  
Test Distance: 2.514m [K=1.0000]  
Remarks:

## LED Avg.L Report

|  |                                  |                  |
|--|----------------------------------|------------------|
| Test:U:5.7959V I:0.4001A P:2.3187W PF:1.0000 Freq:0Hz UTHDi:0.00% ITHDi:0.00% Lamp Flux:99.2403x1 lm |                                  |                  |
| NAME: A2W12-30WT   | TYPE: Recessed-mounted Luminaire | HEIGHT:          |
| SPEC.:   | DIM.:                            | SERIAL No.:      |
| MFR.: WAC Lighting   | SUR.:                            | Shielding Angle: |

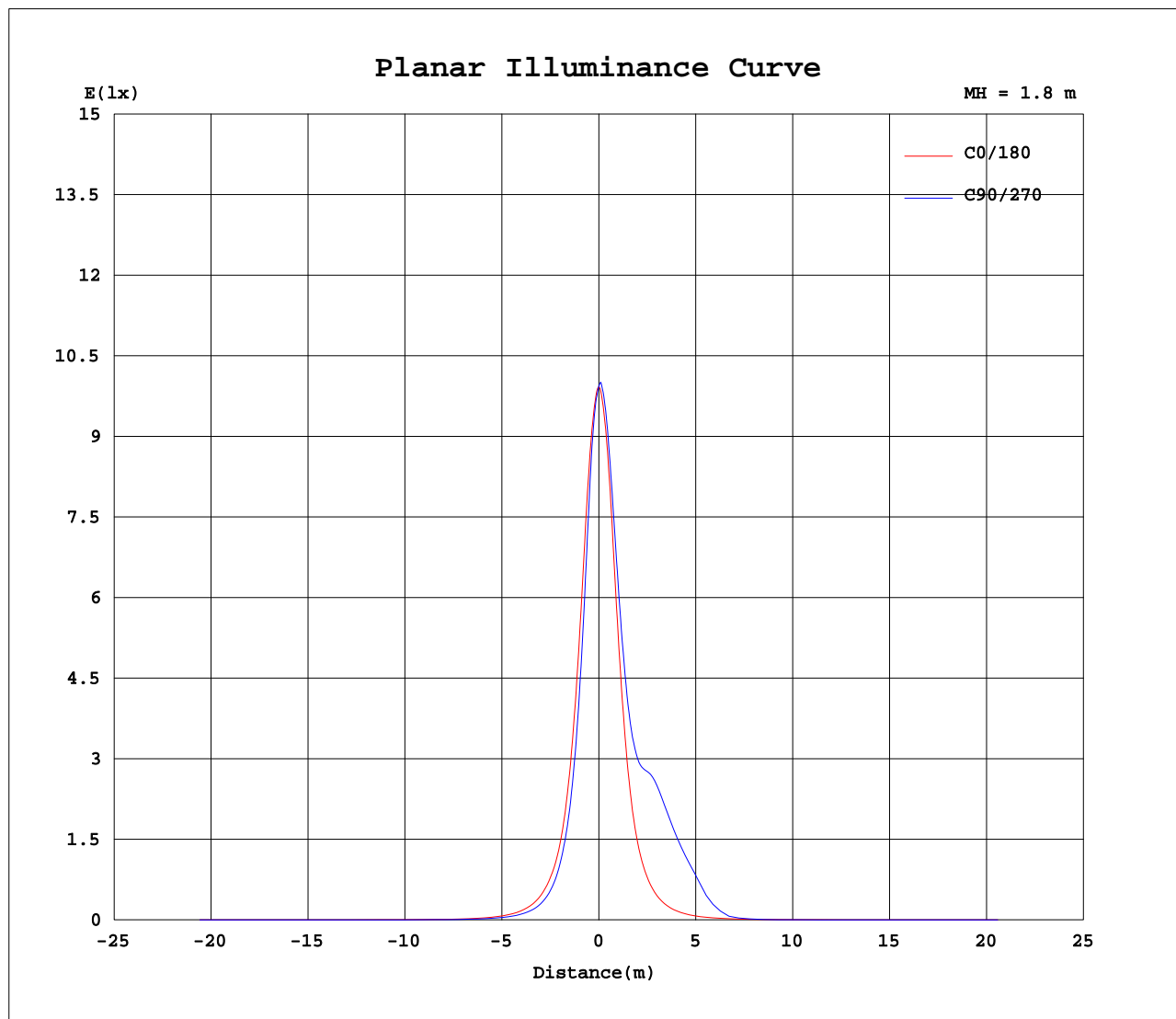
| AvgL           | cd/m2 |
|----------------|-------|
| L_0~180(65)av  | 657   |
| L_0~180(75)av  | 572   |
| L_0~180(85)av  | 423   |
| L_90~270(65)av | 3051  |
| L_90~270(75)av | 1011  |
| L_90~270(85)av | 150   |
| L_45(65)av     | 1054  |
| L_45(75)av     | 604   |
| L_45(85)av     | 266   |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Oliver  
 Test Date:2020-09-11

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.428  
 Humidity:65.0%  
 Test Distance:2.514m [K=1.0000]  
 Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Oliver  
Test Date: 2020-09-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.428  
Humidity: 65.0%  
Test Distance: 2.514m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Table--1

UNIT: cd

| C(DEG)<br>γ (DEG) | 0    | 10   | 20   | 30   | 40   | 50   | 60   | 70   | 80   | 90   | 100  | 110  | 120  | 130  | 140  | 150  | 160  | 170  | 180  |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0                 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 |
| 5                 | 31.8 | 31.7 | 31.7 | 31.7 | 31.6 | 31.5 | 31.4 | 31.3 | 31.4 | 31.5 | 31.5 | 31.5 | 31.5 | 31.6 | 31.6 | 31.6 | 31.7 | 31.8 | 31.8 |
| 10                | 31.3 | 31.1 | 30.9 | 30.7 | 30.5 | 30.3 | 30.2 | 30.1 | 30.2 | 30.4 | 30.4 | 30.4 | 30.4 | 30.6 | 30.7 | 30.9 | 31.2 | 31.2 | 31.3 |
| 15                | 30.5 | 30.3 | 29.8 | 29.4 | 29.0 | 28.5 | 28.1 | 27.8 | 28.1 | 28.4 | 28.4 | 28.5 | 28.8 | 29.1 | 29.5 | 29.9 | 30.3 | 30.6 | 30.6 |
| 20                | 29.2 | 28.9 | 28.3 | 27.6 | 26.8 | 26.0 | 25.4 | 25.0 | 25.2 | 25.6 | 25.7 | 25.9 | 26.4 | 27.0 | 27.6 | 28.3 | 28.9 | 29.5 | 29.3 |
| 25                | 27.2 | 26.9 | 26.2 | 25.2 | 24.2 | 23.3 | 22.6 | 22.0 | 22.3 | 22.7 | 22.7 | 23.1 | 23.6 | 24.3 | 25.2 | 26.2 | 27.0 | 27.6 | 27.4 |
| 30                | 24.9 | 24.5 | 23.8 | 22.6 | 21.5 | 20.5 | 19.8 | 19.2 | 19.5 | 19.8 | 19.9 | 20.2 | 20.8 | 21.6 | 22.6 | 23.7 | 24.7 | 25.4 | 25.2 |
| 35                | 22.3 | 22.1 | 21.2 | 20.0 | 18.8 | 17.9 | 17.2 | 16.6 | 16.8 | 17.2 | 17.2 | 17.5 | 18.1 | 18.9 | 19.9 | 21.1 | 22.3 | 23.0 | 22.7 |
| 40                | 19.6 | 19.5 | 18.6 | 17.4 | 16.3 | 15.4 | 14.7 | 14.2 | 14.3 | 14.7 | 14.8 | 15.1 | 15.6 | 16.3 | 17.3 | 18.5 | 19.7 | 20.4 | 19.9 |
| 45                | 16.8 | 16.9 | 16.0 | 14.9 | 13.9 | 13.1 | 12.6 | 12.1 | 12.2 | 12.6 | 12.6 | 12.9 | 13.3 | 13.9 | 14.8 | 15.9 | 17.0 | 17.7 | 17.1 |
| 50                | 14.4 | 14.4 | 13.5 | 12.7 | 11.8 | 11.0 | 10.5 | 10.1 | 10.2 | 10.5 | 10.5 | 10.8 | 11.2 | 11.9 | 12.7 | 13.4 | 14.5 | 15.1 | 14.7 |
| 55                | 12.4 | 12.1 | 11.4 | 10.5 | 9.69 | 9.06 | 8.57 | 8.22 | 8.31 | 8.56 | 8.65 | 8.89 | 9.27 | 9.80 | 10.5 | 11.3 | 12.2 | 12.8 | 12.5 |
| 60                | 10.4 | 9.95 | 9.20 | 8.44 | 7.77 | 7.25 | 6.84 | 6.53 | 6.61 | 6.84 | 6.93 | 7.14 | 7.47 | 7.91 | 8.49 | 9.19 | 9.97 | 10.6 | 10.4 |
| 65                | 8.35 | 7.91 | 7.22 | 6.57 | 6.03 | 5.60 | 5.27 | 5.01 | 5.09 | 5.29 | 5.38 | 5.57 | 5.83 | 6.19 | 6.66 | 7.24 | 7.90 | 8.51 | 8.31 |
| 70                | 6.37 | 5.99 | 5.42 | 4.88 | 4.46 | 4.12 | 3.86 | 3.65 | 3.73 | 3.91 | 4.00 | 4.15 | 4.36 | 4.64 | 5.01 | 5.47 | 6.03 | 6.56 | 6.29 |
| 75                | 4.49 | 4.20 | 3.78 | 3.37 | 3.05 | 2.80 | 2.60 | 2.44 | 2.52 | 2.68 | 2.76 | 2.89 | 3.05 | 3.26 | 3.53 | 3.89 | 4.32 | 4.73 | 4.39 |
| 80                | 2.75 | 2.56 | 2.28 | 2.01 | 1.79 | 1.62 | 1.49 | 1.38 | 1.47 | 1.61 | 1.67 | 1.77 | 1.89 | 2.05 | 2.24 | 2.50 | 2.79 | 3.07 | 2.77 |
| 85                | 0.92 | 0.83 | 0.71 | 0.57 | 0.50 | 0.42 | 0.35 | 0.29 | 0.45 | 0.65 | 0.69 | 0.78 | 0.86 | 0.96 | 1.09 | 1.24 | 1.42 | 1.61 | 1.29 |
| 90                | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.05 | 0.09 | 0.17 | 0.28 | 0.37 |
| 95                | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.05 | 0.10 | 0.16 | 0.30 | 0.38 |
| 100               | 0.11 | 0.03 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.03 | 0.05 | 0.09 | 0.12 | 0.19 | 0.35 | 0.41 |
| 105               | 0.17 | 0.06 | 0.05 | 0.00 | 0.03 | 0.03 | 0.03 | 0.02 | 0.00 | 0.01 | 0.03 | 0.05 | 0.07 | 0.09 | 0.12 | 0.15 | 0.21 | 0.40 | 0.48 |
| 110               | 0.19 | 0.10 | 0.03 | 0.00 | 0.07 | 0.07 | 0.07 | 0.05 | 0.04 | 0.04 | 0.07 | 0.08 | 0.10 | 0.13 | 0.15 | 0.18 | 0.21 | 0.43 | 0.56 |
| 115               | 0.23 | 0.14 | 0.13 | 0.00 | 0.12 | 0.13 | 0.13 | 0.10 | 0.08 | 0.09 | 0.12 | 0.13 | 0.15 | 0.16 | 0.19 | 0.23 | 0.23 | 0.46 | 0.67 |
| 120               | 0.27 | 0.13 | 0.17 | 0.05 | 0.17 | 0.18 | 0.19 | 0.15 | 0.13 | 0.14 | 0.18 | 0.19 | 0.20 | 0.22 | 0.24 | 0.28 | 0.24 | 0.45 | 0.75 |
| 125               | 0.30 | 0.19 | 0.23 | 0.07 | 0.23 | 0.24 | 0.24 | 0.19 | 0.17 | 0.19 | 0.24 | 0.24 | 0.26 | 0.27 | 0.29 | 0.32 | 0.22 | 0.46 | 0.78 |
| 130               | 0.36 | 0.19 | 0.28 | 0.10 | 0.28 | 0.29 | 0.29 | 0.23 | 0.21 | 0.25 | 0.29 | 0.30 | 0.31 | 0.32 | 0.33 | 0.36 | 0.27 | 0.51 | 0.82 |
| 135               | 0.41 | 0.37 | 0.34 | 0.12 | 0.31 | 0.34 | 0.32 | 0.25 | 0.27 | 0.30 | 0.35 | 0.36 | 0.36 | 0.37 | 0.38 | 0.41 | 0.33 | 0.49 | 0.90 |
| 140               | 0.46 | 0.31 | 0.35 | 0.16 | 0.32 | 0.41 | 0.34 | 0.27 | 0.32 | 0.37 | 0.41 | 0.42 | 0.42 | 0.42 | 0.44 | 0.47 | 0.36 | 0.53 | 0.86 |
| 145               | 0.49 | 0.44 | 0.33 | 0.12 | 0.45 | 0.46 | 0.35 | 0.32 | 0.40 | 0.45 | 0.48 | 0.49 | 0.48 | 0.48 | 0.50 | 0.52 | 0.40 | 0.62 | 0.78 |
| 150               | 0.51 | 0.52 | 0.52 | 0.16 | 0.35 | 0.46 | 0.40 | 0.45 | 0.51 | 0.55 | 0.57 | 0.57 | 0.56 | 0.56 | 0.56 | 0.57 | 0.44 | 0.64 | 0.84 |
| 155               | 0.42 | 0.46 | 0.48 | 0.22 | 0.43 | 0.34 | 0.45 | 0.54 | 0.60 | 0.65 | 0.64 | 0.63 | 0.63 | 0.62 | 0.61 | 0.61 | 0.51 | 0.66 | 0.94 |
| 160               | 0.41 | 0.40 | 0.42 | 0.07 | 0.29 | 0.38 | 0.52 | 0.52 | 0.56 | 0.58 | 0.58 | 0.57 | 0.62 | 0.64 | 0.65 | 0.66 | 0.00 | 0.68 | 0.93 |
| 165               | 0.47 | 0.48 | 0.33 | 0.00 | 0.43 | 0.42 | 0.40 | 0.42 | 0.45 | 0.48 | 0.47 | 0.46 | 0.49 | 0.56 | 0.64 | 0.69 | 0.01 | 0.20 | 0.96 |
| 170               | 0.43 | 0.25 | 0.00 | 0.00 | 0.31 | 0.32 | 0.34 | 0.35 | 0.35 | 0.37 | 0.37 | 0.37 | 0.39 | 0.43 | 0.50 | 0.53 | 0.22 | 0.00 | 0.31 |
| 175               | 0.00 | 0.00 | 0.00 | 0.16 | 0.27 | 0.33 | 0.32 | 0.32 | 0.34 | 0.36 | 0.37 | 0.37 | 0.36 | 0.35 | 0.34 | 0.38 | 0.39 | 0.00 | 0.00 |
| 180               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.39 | 0.37 | 0.36 | 0.32 | 0.27 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Oliver  
 Test Date: 2020-09-11

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.428  
 Humidity: 65.0%  
 Test Distance: 2.514m [K=1.0000]  
 Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Table--2

UNIT: cd

| C(DEG)<br>γ (DEG) | 190  | 200  | 210  | 220  | 230  | 240  | 250  | 260  | 270  | 280  | 290  | 300  | 310  | 320  | 330  | 340  | 350  |  |  |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|
| 0                 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 |  |  |
| 5                 | 32.0 | 32.1 | 32.2 | 32.3 | 32.5 | 32.6 | 32.6 | 32.6 | 32.4 | 32.4 | 32.4 | 32.4 | 32.4 | 32.3 | 32.1 | 32.0 | 31.8 |  |  |
| 10                | 31.6 | 31.9 | 32.2 | 32.3 | 32.4 | 32.5 | 32.6 | 32.5 | 32.4 | 32.4 | 32.3 | 32.2 | 32.1 | 32.0 | 31.9 | 31.7 | 31.4 |  |  |
| 15                | 31.1 | 31.6 | 31.8 | 32.1 | 32.2 | 32.4 | 32.5 | 32.4 | 32.1 | 32.1 | 32.0 | 31.8 | 31.7 | 31.6 | 31.4 | 31.1 | 30.7 |  |  |
| 20                | 30.0 | 30.6 | 31.1 | 31.5 | 31.9 | 32.0 | 32.1 | 31.9 | 31.6 | 31.5 | 31.4 | 31.2 | 31.0 | 30.7 | 30.3 | 29.8 | 29.3 |  |  |
| 25                | 28.3 | 29.0 | 29.8 | 30.5 | 31.0 | 31.4 | 31.5 | 31.2 | 30.9 | 30.8 | 30.6 | 30.3 | 29.8 | 29.2 | 28.5 | 27.9 | 27.3 |  |  |
| 30                | 26.1 | 27.0 | 27.9 | 28.9 | 29.8 | 30.5 | 30.7 | 30.4 | 30.0 | 29.9 | 29.6 | 29.0 | 28.1 | 27.1 | 26.3 | 25.6 | 25.0 |  |  |
| 35                | 23.7 | 24.7 | 25.8 | 27.0 | 28.3 | 29.4 | 29.9 | 29.6 | 29.2 | 29.0 | 28.6 | 27.6 | 26.2 | 25.0 | 23.9 | 23.1 | 22.4 |  |  |
| 40                | 21.0 | 22.2 | 23.5 | 25.1 | 26.7 | 28.2 | 29.1 | 29.1 | 28.7 | 28.5 | 27.8 | 26.1 | 24.3 | 22.7 | 21.4 | 20.5 | 19.7 |  |  |
| 45                | 18.3 | 19.6 | 21.1 | 23.1 | 25.3 | 27.5 | 29.1 | 29.8 | 30.1 | 29.6 | 27.9 | 25.3 | 22.7 | 20.7 | 19.1 | 18.0 | 17.1 |  |  |
| 50                | 15.9 | 17.2 | 18.9 | 21.5 | 24.7 | 28.5 | 31.4 | 33.7 | 35.0 | 34.1 | 31.0 | 26.5 | 22.2 | 19.2 | 17.1 | 15.9 | 14.9 |  |  |
| 55                | 13.8 | 15.2 | 17.2 | 20.7 | 26.1 | 32.8 | 38.3 | 43.5 | 46.9 | 45.0 | 39.3 | 31.0 | 23.7 | 18.5 | 15.5 | 14.0 | 12.9 |  |  |
| 60                | 11.7 | 13.1 | 15.6 | 20.7 | 29.5 | 41.0 | 50.7 | 58.3 | 62.0 | 59.5 | 51.3 | 37.5 | 25.6 | 17.7 | 13.6 | 11.8 | 10.7 |  |  |
| 65                | 9.33 | 10.5 | 12.9 | 18.6 | 29.8 | 46.7 | 62.3 | 69.8 | 72.1 | 69.6 | 58.2 | 38.0 | 22.7 | 14.2 | 11.0 | 9.50 | 8.46 |  |  |
| 70                | 6.95 | 7.80 | 8.95 | 11.9 | 22.0 | 41.4 | 65.6 | 72.3 | 69.9 | 69.0 | 51.0 | 26.7 | 12.9 | 9.22 | 8.13 | 7.04 | 6.21 |  |  |
| 75                | 4.72 | 5.17 | 5.59 | 6.28 | 8.96 | 20.9 | 35.8 | 26.3 | 13.0 | 14.6 | 13.8 | 8.43 | 6.06 | 5.25 | 4.79 | 4.43 | 4.13 |  |  |
| 80                | 2.86 | 2.91 | 2.95 | 3.03 | 3.36 | 3.84 | 4.14 | 2.43 | 1.71 | 1.81 | 1.94 | 2.21 | 2.31 | 2.29 | 2.38 | 2.40 | 2.33 |  |  |
| 85                | 1.22 | 1.16 | 1.05 | 1.03 | 0.99 | 0.96 | 0.94 | 0.55 | 0.14 | 0.13 | 0.24 | 0.26 | 0.28 | 0.30 | 0.33 | 0.34 | 0.37 |  |  |
| 90                | 0.54 | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |
| 95                | 0.46 | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |
| 100               | 0.44 | 0.16 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 |  |  |
| 105               | 0.48 | 0.17 | 0.05 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.06 |  |  |
| 110               | 0.50 | 0.19 | 0.07 | 0.05 | 0.03 | 0.02 | 0.01 | 0.02 | 0.00 | 0.00 | 0.03 | 0.03 | 0.01 | 0.02 | 0.02 | 0.06 | 0.09 |  |  |
| 115               | 0.48 | 0.21 | 0.11 | 0.08 | 0.06 | 0.05 | 0.05 | 0.05 | 0.00 | 0.01 | 0.06 | 0.07 | 0.04 | 0.06 | 0.05 | 0.07 | 0.14 |  |  |
| 120               | 0.51 | 0.24 | 0.14 | 0.12 | 0.10 | 0.09 | 0.08 | 0.09 | 0.02 | 0.03 | 0.10 | 0.10 | 0.09 | 0.11 | 0.06 | 0.09 | 0.19 |  |  |
| 125               | 0.54 | 0.27 | 0.19 | 0.17 | 0.14 | 0.13 | 0.12 | 0.13 | 0.04 | 0.05 | 0.14 | 0.13 | 0.05 | 0.22 | 0.14 | 0.20 | 0.21 |  |  |
| 130               | 0.53 | 0.33 | 0.43 | 0.44 | 0.36 | 0.27 | 0.19 | 0.17 | 0.07 | 0.10 | 0.31 | 0.17 | 0.10 | 0.65 | 0.37 | 0.27 | 0.25 |  |  |
| 135               | 0.53 | 0.40 | 0.69 | 1.00 | 1.09 | 0.81 | 0.46 | 0.28 | 0.11 | 0.34 | 0.82 | 1.28 | 1.33 | 1.01 | 0.44 | 0.37 | 0.42 |  |  |
| 140               | 0.72 | 0.44 | 0.64 | 1.17 | 1.59 | 1.70 | 0.90 | 0.42 | 0.17 | 0.53 | 1.48 | 0.67 | 1.52 | 0.90 | 0.48 | 0.50 | 0.53 |  |  |
| 145               | 0.73 | 0.67 | 0.60 | 0.87 | 1.25 | 1.46 | 0.90 | 0.46 | 0.23 | 0.62 | 0.90 | 1.37 | 0.91 | 0.78 | 0.59 | 0.60 | 0.57 |  |  |
| 150               | 0.69 | 0.90 | 0.78 | 0.81 | 0.92 | 0.89 | 0.67 | 0.59 | 0.28 | 0.32 | 0.81 | 0.20 | 0.87 | 0.79 | 0.79 | 0.75 | 0.48 |  |  |
| 155               | 0.80 | 1.64 | 0.88 | 0.86 | 0.82 | 0.77 | 0.70 | 0.62 | 0.33 | 0.34 | 0.74 | 0.78 | 0.88 | 0.93 | 1.00 | 0.85 | 0.46 |  |  |
| 160               | 0.87 | 0.95 | 2.00 | 1.00 | 0.89 | 0.77 | 0.66 | 0.70 | 0.41 | 0.38 | 0.82 | 0.87 | 0.99 | 1.06 | 1.07 | 0.83 | 0.55 |  |  |
| 165               | 0.94 | 0.87 | 1.37 | 1.83 | 1.12 | 1.03 | 0.95 | 0.91 | 0.54 | 0.10 | 0.56 | 0.97 | 1.06 | 1.04 | 0.88 | 0.67 | 0.52 |  |  |
| 170               | 0.62 | 0.74 | 0.75 | 0.80 | 0.86 | 0.93 | 0.93 | 0.62 | 0.45 | 0.02 | 0.27 | 0.58 | 0.70 | 0.51 | 0.52 | 0.43 | 0.41 |  |  |
| 175               | 0.00 | 0.00 | 0.02 | 0.15 | 0.22 | 0.14 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |
| 180               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Oliver  
 Test Date: 2020-09-11

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.428  
 Humidity: 65.0%  
 Test Distance: 2.514m [K=1.0000]  
 Remarks: