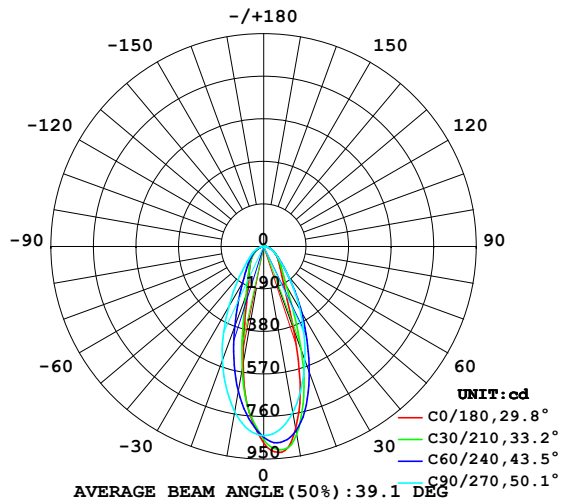


## LUMINAIRE PHOTOMETRIC TEST REPORT

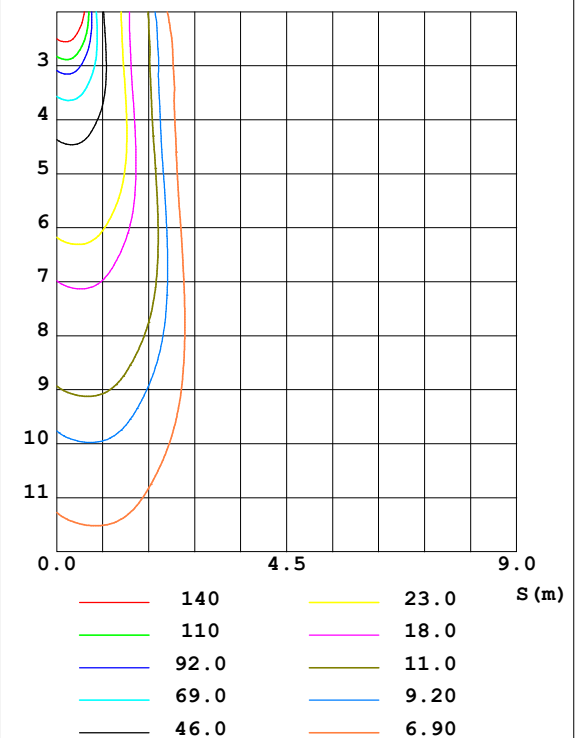
|  |                  |                       |
|--|------------------|-----------------------|
| Test:U:24.00V I:0.7500A P:18.00W PF:1.000 Lamp Flux:699.578x1 lm |                  |                       |
| NAME: SFW20-24V-3535-24-RGB-2040                                 | TYPE: 硅胶         | WEIGHT:               |
| DIM.: 18.5MM*18.5MM  | SPEC.:           | SERIAL No.: 202403007 |
| MFR.: OLYMPIA  | SUR.: 1.0*0.0185 | PROTECTION ANGLE:     |

| DATA OF LAMP      |         | PHOTOMETRIC DATA      |        |                     |           | Eff: 38.87 lm/W |
|-------------------|---------|-----------------------|--------|---------------------|-----------|-----------------|
| MODEL             | 3535    | I <sub>max</sub> (cd) | 922.2  | S/MH (C0/180)       | 0.60      |                 |
| NOMINAL POWER (W) | 18      | LOR (%)               | 100.0  | S/MH (C90/270)      | 0.76      |                 |
| RATED VOLTAGE (V) | 24      | TOTAL FLUX (lm)       | 699.58 | η UP, DN (C0-180)   | 1.7, 50.1 |                 |
| NOMINAL FLUX (lm) | 699.578 | CIE CLASS             | DIRECT | η UP, DN (C180-360) | 1.3, 46.9 |                 |
| LAMPS INSIDE      | 1       | η up (%)              | 3.0    | CIBSE SHR NOM       | 0.50      |                 |
| TEST VOLTAGE (V)  | 24      | η down (%)            | 97.0   | CIBSE SHR MAX       | 0.65      |                 |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



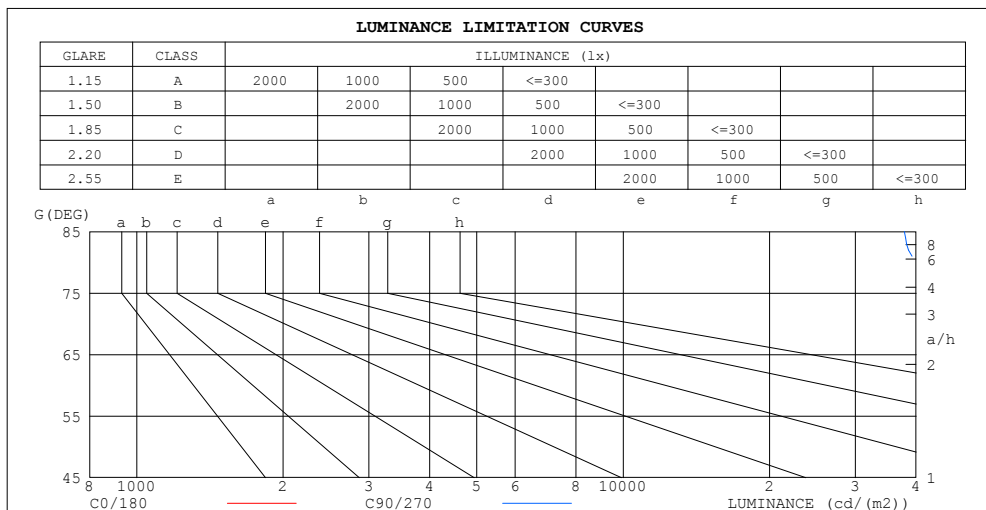
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2024-03-30

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity: 65.0%  
Test Distance: 9.200m [K=1.0000]  
Remarks:

### ZONAL FLUX DIAGRAM AND LUMINANCE LIMITATION CURVES

#### ZONAL FLUX DIAGRAM:

| $\gamma$ | C0                    | C45   | C90   | C135  | C180  | C225  | C270  | C315  | $\gamma$ | $\Phi$ zone | $\Phi$ total | %lum, lamp |
|----------|-----------------------|-------|-------|-------|-------|-------|-------|-------|----------|-------------|--------------|------------|
| 10       | 824.6                 | 843.2 | 751.8 | 590.2 | 530.1 | 606.5 | 749.6 | 842.4 | 0- 10    | 75.26       | 75.26        | 10.8,10.8  |
| 20       | 386.0                 | 541.8 | 538.7 | 289.5 | 209.1 | 305.6 | 539.0 | 543.4 | 10- 20   | 156.6       | 231.8        | 33.1,33.1  |
| 30       | 170.3                 | 271.3 | 324.4 | 159.2 | 129.7 | 164.0 | 313.0 | 260.7 | 20- 30   | 140.1       | 371.9        | 53.2,53.2  |
| 40       | 112.3                 | 146.9 | 170.7 | 104.1 | 92.90 | 102.9 | 161.5 | 134.9 | 30- 40   | 104.2       | 476.1        | 68,68      |
| 50       | 81.40                 | 88.76 | 90.48 | 71.80 | 66.47 | 69.68 | 87.25 | 85.13 | 40- 50   | 77.23       | 553.3        | 79.1,79.1  |
| 60       | 56.66                 | 57.62 | 57.53 | 46.24 | 41.83 | 44.66 | 55.26 | 57.65 | 50- 60   | 58.22       | 611.5        | 87.4,87.4  |
| 70       | 34.21                 | 34.64 | 32.02 | 23.94 | 19.95 | 22.40 | 30.51 | 33.58 | 60- 70   | 39.60       | 651.1        | 93.1,93.1  |
| 80       | 15.52                 | 15.58 | 12.96 | 9.220 | 7.197 | 7.516 | 11.01 | 14.05 | 70- 80   | 20.72       | 671.8        | 96,96      |
| 90       | 5.013                 | 4.373 | 2.709 | 2.829 | 1.402 | 1.377 | 1.116 | 2.766 | 80- 90   | 6.885       | 678.7        | 97,97      |
| 100      | 2.679                 | 2.744 | 2.880 | 2.764 | 1.568 | 1.608 | 1.522 | 1.282 | 90-100   | 2.375       | 681.1        | 97.4,97.4  |
| 110      | 2.669                 | 2.824 | 3.076 | 2.927 | 1.991 | 2.116 | 2.075 | 1.699 | 100-110  | 2.382       | 683.5        | 97.7,97.7  |
| 120      | 2.814                 | 3.078 | 3.453 | 3.355 | 2.750 | 2.832 | 2.688 | 2.287 | 110-120  | 2.616       | 686.1        | 98.1,98.1  |
| 130      | 3.326                 | 3.583 | 4.011 | 4.061 | 3.715 | 3.656 | 3.412 | 3.058 | 120-130  | 2.897       | 689.0        | 98.5,98.5  |
| 140      | 4.200                 | 4.317 | 4.644 | 4.895 | 4.524 | 4.393 | 4.090 | 3.865 | 130-140  | 3.076       | 692.1        | 98.9,98.9  |
| 150      | 5.246                 | 5.126 | 5.222 | 5.596 | 5.016 | 4.953 | 4.649 | 4.528 | 140-150  | 2.957       | 695.0        | 99.3,99.3  |
| 160      | 6.000                 | 5.682 | 5.609 | 5.883 | 5.343 | 5.343 | 5.071 | 4.948 | 150-160  | 2.441       | 697.5        | 99.7,99.7  |
| 170      | 6.187                 | 5.835 | 5.825 | 5.800 | 5.468 | 5.591 | 5.488 | 5.219 | 160-170  | 1.579       | 699.0        | 99.9,99.9  |
| 180      | 5.855                 | 5.880 | 5.910 | 5.654 | 5.835 | 5.883 | 5.850 | 5.641 | 170-180  | 0.5438      | 699.6        | 100,100    |
| DEG      | LUMINOUS INTENSITY:cd |       |       |       |       |       |       |       |          | UNIT:lm     |              |            |



| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G (DEG)           | C0/180 | C90/270 |
| 85                | 58711  | 37865   |
| 80                | 48297  | 40336   |
| 75                | 49969  | 45262   |
| 70                | 54063  | 50606   |
| 65                | 57957  | 56220   |
| 60                | 61258  | 62193   |
| 55                | 64491  | 67843   |
| 50                | 68448  | 76085   |
| 45                | 72530  | 93266   |

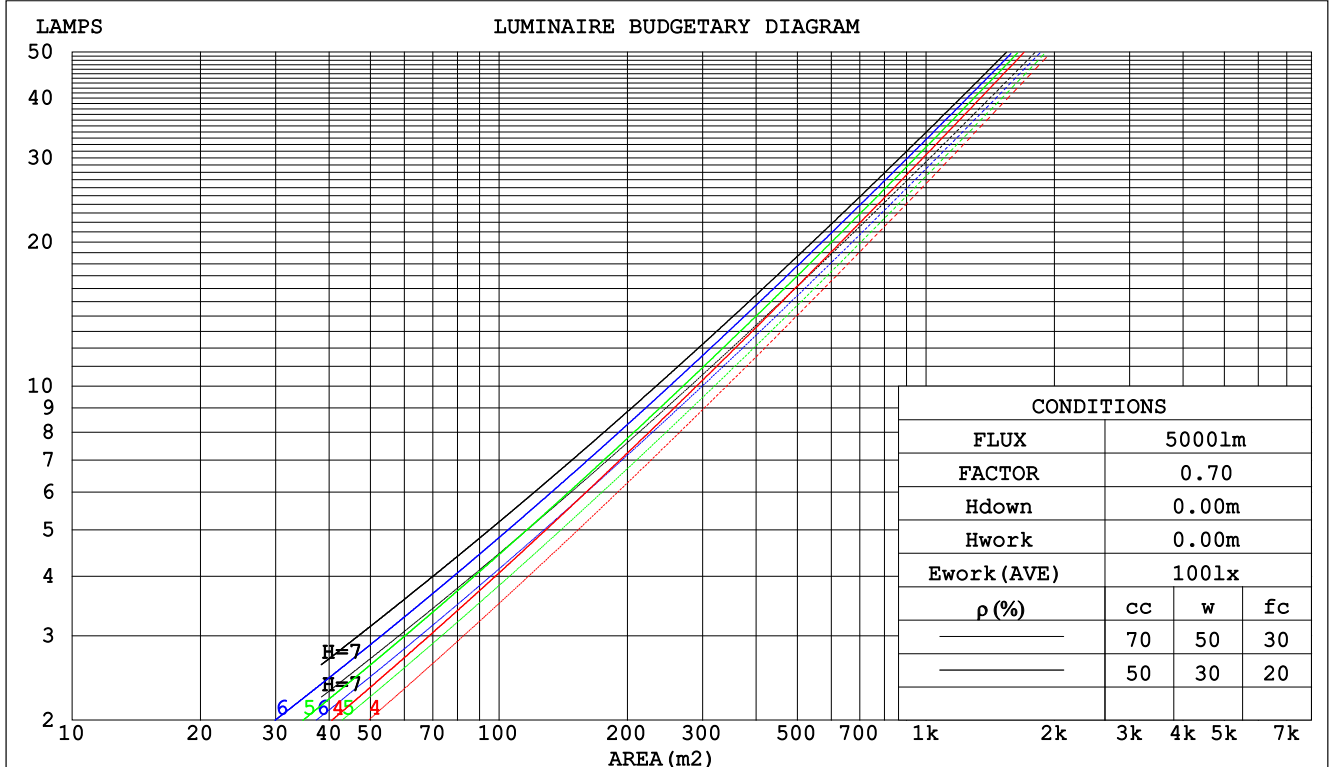
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2024-03-30

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity:65.0%  
Test Distance:9.200m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

|  |                 |                      |
|--|-----------------|----------------------|
| Test:U:24.00V I:0.7500A P:18.00W PF:1.000 Lamp Flux:699.578x1 lm |                 |                      |
| NAME: SFW20-24V-3535-24-RGB-2040                                 | TYPE: 硅胶        | WEIGHT:              |
| DIM.: 18.5MM*18.5MM  | SPEC.:          | SERIAL No.:202403007 |
| MFR.: OLYMPIA  | SUR.:1.0*0.0185 | PROTECTION 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 |      |      |      |      |      | Coefficients of Utilization(CU) |      |      |      |      |      |     |     |     |     |
| 0.0  | 1.18                  | 1.18 | 1.18 | 1.15 | 1.15 | 1.15 | 1.09                            | 1.09 | 1.09 | 1.04 | 1.04 | 1.04 | .99 | .99 | .99 | .97 |
| 1.0  | 1.07                  | 1.04 | 1.01 | 1.05 | 1.02 | .99  | .00                             | .98  | .95  | .96  | .94  | .92  | .92 | .90 | .89 | .87 |
| 2.0  | .97                   | .92  | .88  | .95  | .90  | .86  | .91                             | .87  | .84  | .88  | .85  | .82  | .84 | .82 | .80 | .77 |
| 3.0  | .89                   | .82  | .77  | .87  | .81  | .77  | .84                             | .79  | .75  | .81  | .77  | .73  | .78 | .75 | .72 | .70 |
| 4.0  | .81                   | .75  | .69  | .80  | .74  | .69  | .77                             | .72  | .68  | .75  | .70  | .66  | .72 | .69 | .65 | .63 |
| 5.0  | .75                   | .68  | .63  | .74  | .67  | .62  | .72                             | .66  | .62  | .70  | .65  | .61  | .68 | .63 | .60 | .58 |
| 6.0  | .70                   | .63  | .58  | .69  | .62  | .57  | .67                             | .61  | .57  | .65  | .60  | .56  | .63 | .59 | .55 | .54 |
| 7.0  | .65                   | .58  | .53  | .64  | .58  | .53  | .63                             | .57  | .52  | .61  | .56  | .52  | .60 | .55 | .51 | .50 |
| 8.0  | .61                   | .54  | .49  | .60  | .54  | .49  | .59                             | .53  | .49  | .57  | .52  | .48  | .56 | .51 | .48 | .46 |
| 9.0  | .57                   | .51  | .46  | .57  | .50  | .46  | .55                             | .50  | .46  | .54  | .49  | .45  | .53 | .48 | .45 | .43 |
| 10.0 | .54                   | .48  | .43  | .54  | .47  | .43  | .52                             | .47  | .43  | .51  | .46  | .43  | .50 | .46 | .42 | .41 |



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2024-03-30

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity:65.0%  
Test Distance:9.200m [K=1.0000]  
Remarks:

## WEC AND CCEC

|  |                 |                      |
|--|-----------------|----------------------|
| Test:U:24.00V I:0.7500A P:18.00W PF:1.000 Lamp Flux:699.578x1 lm |                 |                      |
| NAME: SFW20-24V-3535-24-RGB-2040                                 | TYPE: 硅胶        | WEIGHT:              |
| DIM.: 18.5MM*18.5MM  | SPEC.:          | SERIAL No.:202403007 |
| MFR.: OLYMPIA  | SUR.:1.0*0.0185 | PROTECTION 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  | .234                  | .133 | .042 | .226 | .129 | .041 | .211                            | .121 | .039 | .198 | .114 | .037 | .186 | .108 | .035 |   |  |
| 2.0  | .220                  | .121 | .037 | .214 | .118 | .036 | .201                            | .112 | .035 | .189 | .106 | .033 | .179 | .101 | .032 |   |  |
| 3.0  | .206                  | .110 | .033 | .200 | .107 | .032 | .189                            | .102 | .031 | .179 | .098 | .030 | .169 | .094 | .029 |   |  |
| 4.0  | .192                  | .100 | .029 | .187 | .098 | .029 | .177                            | .094 | .028 | .168 | .090 | .027 | .160 | .087 | .026 |   |  |
| 5.0  | .180                  | .092 | .027 | .175 | .090 | .026 | .167                            | .087 | .026 | .159 | .084 | .025 | .151 | .081 | .024 |   |  |
| 6.0  | .168                  | .084 | .024 | .164 | .083 | .024 | .157                            | .080 | .023 | .150 | .078 | .023 | .143 | .075 | .022 |   |  |
| 7.0  | .158                  | .078 | .022 | .155 | .077 | .022 | .148                            | .075 | .022 | .141 | .073 | .021 | .135 | .070 | .021 |   |  |
| 8.0  | .149                  | .073 | .021 | .146 | .072 | .020 | .140                            | .070 | .020 | .134 | .068 | .020 | .129 | .066 | .019 |   |  |
| 9.0  | .141                  | .068 | .019 | .138 | .067 | .019 | .133                            | .066 | .019 | .127 | .064 | .018 | .122 | .062 | .018 |   |  |
| 10.0 | .134                  | .064 | .018 | .131 | .063 | .018 | .126                            | .062 | .017 | .121 | .060 | .017 | .117 | .059 | .017 |   |  |

| 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  | .213                  | .213 | .213 | .182 | .182 | .182 | .124  | .124 | .124 | .071 | .071 | .071 | .023 | .023 | .023 |   |
| 1.0  | .198                  | .180 | .163 | .169 | .154 | .141 | .116  | .106 | .097 | .067 | .061 | .057 | .021 | .020 | .018 |   |
| 2.0  | .186                  | .155 | .130 | .159 | .134 | .112 | .109  | .093 | .078 | .063 | .054 | .046 | .020 | .017 | .015 |   |
| 3.0  | .175                  | .137 | .107 | .150 | .118 | .092 | .103  | .082 | .065 | .060 | .048 | .038 | .019 | .016 | .013 |   |
| 4.0  | .166                  | .123 | .090 | .143 | .106 | .078 | .098  | .074 | .055 | .057 | .043 | .033 | .018 | .014 | .011 |   |
| 5.0  | .158                  | .112 | .078 | .136 | .097 | .068 | .093  | .068 | .048 | .054 | .040 | .028 | .017 | .013 | .009 |   |
| 6.0  | .150                  | .103 | .069 | .129 | .089 | .060 | .089  | .062 | .043 | .052 | .037 | .025 | .017 | .012 | .008 |   |
| 7.0  | .144                  | .096 | .062 | .124 | .083 | .054 | .085  | .058 | .038 | .050 | .034 | .023 | .016 | .011 | .008 |   |
| 8.0  | .138                  | .090 | .057 | .118 | .078 | .050 | .082  | .055 | .035 | .048 | .032 | .021 | .015 | .011 | .007 |   |
| 9.0  | .132                  | .085 | .053 | .114 | .073 | .046 | .079  | .052 | .033 | .046 | .030 | .019 | .015 | .010 | .006 |   |
| 10.0 | .127                  | .080 | .049 | .109 | .070 | .043 | .076  | .049 | .031 | .044 | .029 | .018 | .014 | .010 | .006 |   |

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2024-03-30

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity:65.0%  
Test Distance:9.200m [K=1.0000]  
Remarks:

## Uncorrected UGR Table

|  |               |                  |      |      |                 |               |                |                      |      |      |      |
|--|---------------|------------------|------|------|-----------------|---------------|----------------|----------------------|------|------|------|
| Test:U:24.00V I:0.7500A P:18.00W PF:1.000 Lamp Flux:699.578x1 lm |               |                  |      |      |                 |               |                |                      |      |      |      |
| NAME: SFW20-24V-3535-24-RGB-2040                                 |               |                  |      |      | TYPE:硅胶         |               |                | WEIGHT:              |      |      |      |
| DIM.: 18.5MM*18.5MM  |               |                  |      |      | SPEC.:          |               |                | SERIAL No.:202403007 |      |      |      |
| MFR.: OLYMPIA  |               |                  |      |      | SUR.:1.0*0.0185 |               |                | PROTECTION 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  |               | 25.6             | 26.7 | 25.8 | 26.9            | 27.2          | 26.4           | 27.5                 | 26.6 | 27.7 | 28.0 |
|  | 3H            | 26.9             | 27.9 | 27.2 | 28.2            | 28.4          | 27.3           | 28.4                 | 27.6 | 28.6 | 28.9 |
|  | 4H            | 27.4             | 28.4 | 27.7 | 28.7            | 29.0          | 27.7           | 28.7                 | 28.0 | 29.0 | 29.3 |
|  | 6H            | 27.8             | 28.8 | 28.2 | 29.1            | 29.4          | 28.0           | 28.9                 | 28.3 | 29.2 | 29.5 |
|  | 8H            | 28.0             | 28.9 | 28.4 | 29.2            | 29.6          | 28.1           | 29.0                 | 28.4 | 29.3 | 29.6 |
|  | 12H           | 28.2             | 29.0 | 28.5 | 29.4            | 29.7          | 28.1           | 29.0                 | 28.5 | 29.3 | 29.7 |
| 4H   | 2H            | 26.1             | 27.1 | 26.4 | 27.4            | 27.7          | 26.7           | 27.7                 | 27.1 | 28.0 | 28.3 |
|  | 3H            | 27.6             | 28.5 | 28.0 | 28.8            | 29.1          | 27.9           | 28.8                 | 28.3 | 29.1 | 29.5 |
|  | 4H            | 28.3             | 29.1 | 28.7 | 29.4            | 29.8          | 28.4           | 29.2                 | 28.8 | 29.6 | 30.0 |
|  | 6H            | 28.8             | 29.5 | 29.3 | 29.9            | 30.3          | 28.8           | 29.5                 | 29.3 | 29.9 | 30.3 |
|  | 8H            | 29.1             | 29.7 | 29.5 | 30.1            | 30.6          | 29.0           | 29.6                 | 29.4 | 30.0 | 30.5 |
|  | 12H           | 29.3             | 29.9 | 29.8 | 30.3            | 30.8          | 29.1           | 29.7                 | 29.5 | 30.1 | 30.6 |
| 8H   | 4H            | 28.5             | 29.2 | 29.0 | 29.6            | 30.0          | 28.6           | 29.3                 | 29.1 | 29.7 | 30.1 |
|  | 6H            | 29.2             | 29.8 | 29.7 | 30.2            | 30.7          | 29.2           | 29.7                 | 29.7 | 30.2 | 30.7 |
|  | 8H            | 29.6             | 30.0 | 30.1 | 30.5            | 31.0          | 29.4           | 29.9                 | 29.9 | 30.4 | 30.9 |
|  | 12H           | 29.9             | 30.3 | 30.4 | 30.8            | 31.4          | 29.6           | 30.0                 | 30.1 | 30.5 | 31.1 |
| 12H  | 4H            | 28.5             | 29.1 | 29.0 | 29.5            | 30.0          | 28.7           | 29.2                 | 29.1 | 29.7 | 30.1 |
|  | 6H            | 29.3             | 29.7 | 29.8 | 30.2            | 30.7          | 29.3           | 29.7                 | 29.8 | 30.2 | 30.7 |
|  | 8H            | 29.7             | 30.1 | 30.2 | 30.6            | 31.1          | 29.5           | 29.9                 | 30.1 | 30.4 | 31.0 |
| Variations with the observer position at spacings:               |               |                  |      |      |                 |               |                |                      |      |      |      |
| S = 1.0H   | + 0.3 / - 0.3 |                  |      |      |                 | + 0.4 / - 0.5 |                |                      |      |      |      |
| 1.5H   | + 0.1 / - 0.3 |                  |      |      |                 | + 0.4 / - 0.4 |                |                      |      |      |      |
| 2.0H   | + 0.2 / - 0.3 |                  |      |      |                 | + 0.5 / - 0.4 |                |                      |      |      |      |

CIE Pub.117 Corrected 699.6 lm Total Lamp Luminous Flux. (8log(F/F0) = -1.2)

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2024-03-30

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
 Humidity:65.0%  
 Test Distance:9.200m [K=1.0000]  
 Remarks:

## UTILIZATION FACTORS TABLE

|  |                 |                      |
|--|-----------------|----------------------|
| Test:U:24.00V I:0.7500A P:18.00W PF:1.000 Lamp Flux:699.578x1 lm |                 |                      |
| NAME: SFW20-24V-3535-24-RGB-2040                                 | TYPE: 硅胶        | WEIGHT:              |
| DIM.: 18.5MM*18.5MM  | SPEC.:          | SERIAL No.:202403007 |
| MFR.: OLYMPIA  | SUR.:1.0*0.0185 | PROTECTION ANGLE:    |

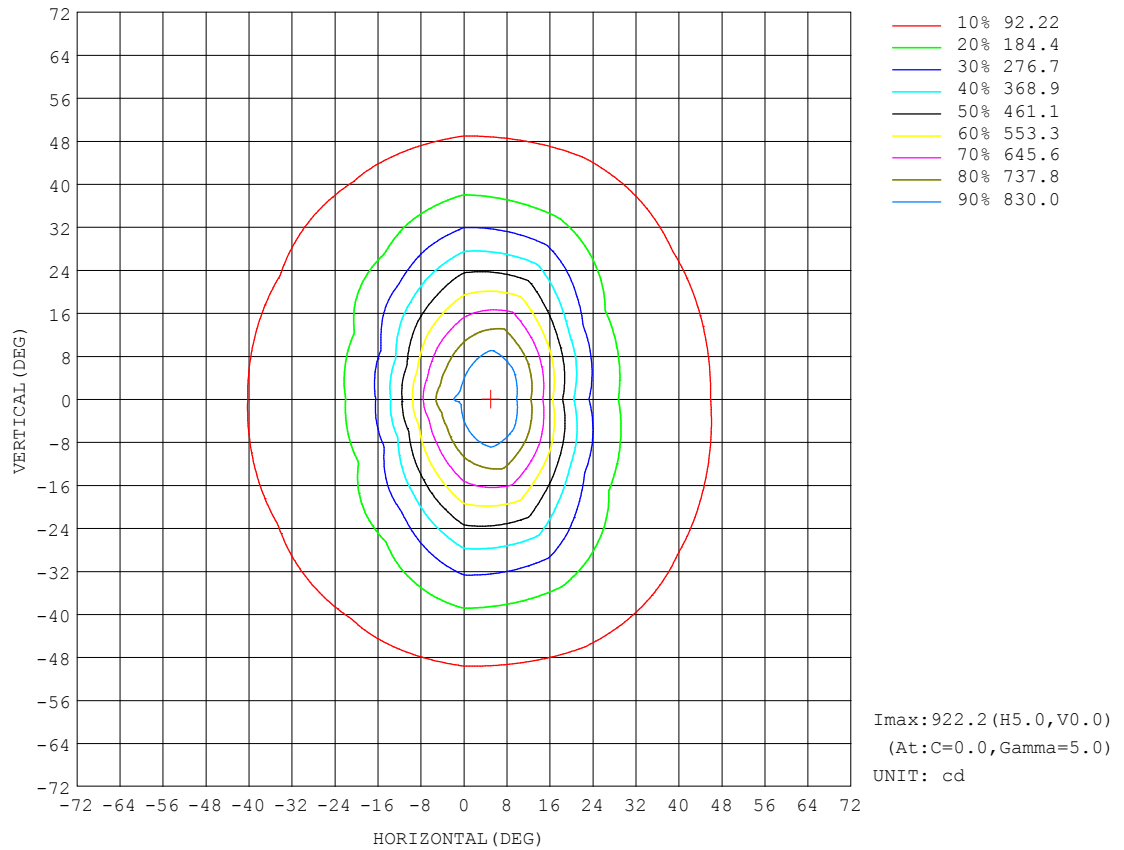
| REFLECTANCE                      |  |     |           |     |     |     |     |               |     |        |
|----------------------------------|--|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling                          | 0.8  | 0.8 | 0.8       | 0.7 | 0.7 | 0.7 | 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) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |               |     |        |
| $k = 0.60$                       | 72   | 63  | 57        | 71  | 63  | 57  | 70  | 62            | 57  | 52     |
| 0.80                             | 81   | 72  | 66        | 80  | 71  | 66  | 78  | 70            | 66  | 60     |
| 1.00                             | 87   | 79  | 73        | 86  | 78  | 73  | 84  | 78            | 72  | 66     |
| 1.25                             | 93   | 85  | 79        | 91  | 84  | 79  | 89  | 82            | 78  | 72     |
| 1.50                             | 96   | 89  | 84        | 95  | 88  | 83  | 92  | 86            | 82  | 76     |
| 2.00                             | 101  | 95  | 90        | 99  | 93  | 89  | 96  | 91            | 87  | 80     |
| 2.50                             | 104  | 98  | 94        | 102 | 97  | 93  | 98  | 94            | 90  | 83     |
| 3.00                             | 106  | 101 | 97        | 104 | 99  | 96  | 100 | 96            | 93  | 85     |
| 4.00                             | 109  | 105 | 102       | 107 | 103 | 100 | 102 | 99            | 97  | 88     |
| 5.00                             | 111  | 108 | 105       | 109 | 105 | 103 | 104 | 101           | 99  | 90     |
| ROOM INDEX                       | UF (total)   |     |           |     |     |     |     |               |     | Direct |
| According to DIN EN 13032-2 2004 |  |     | Suspended |     |     |     |     | SHRNOM = 1.25 |     |        |

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2024-03-30

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
 Humidity: 65.0%  
 Test Distance: 9.200m [K=1.0000]  
 Remarks:

## ISOCANDELA DIAGRAM

|  |                 |                      |
|--|-----------------|----------------------|
| Test:U:24.00V I:0.7500A P:18.00W PF:1.000 Lamp Flux:699.578x1 lm |                 |                      |
| NAME: SFW20-24V-3535-24-RGB-2040                                 | TYPE: 硅胶        | WEIGHT:              |
| DIM.: 18.5MM*18.5MM  | SPEC.:          | SERIAL No.:202403007 |
| MFR.: OLYMPIA  | SUR.:1.0*0.0185 | PROTECTION ANGLE:    |

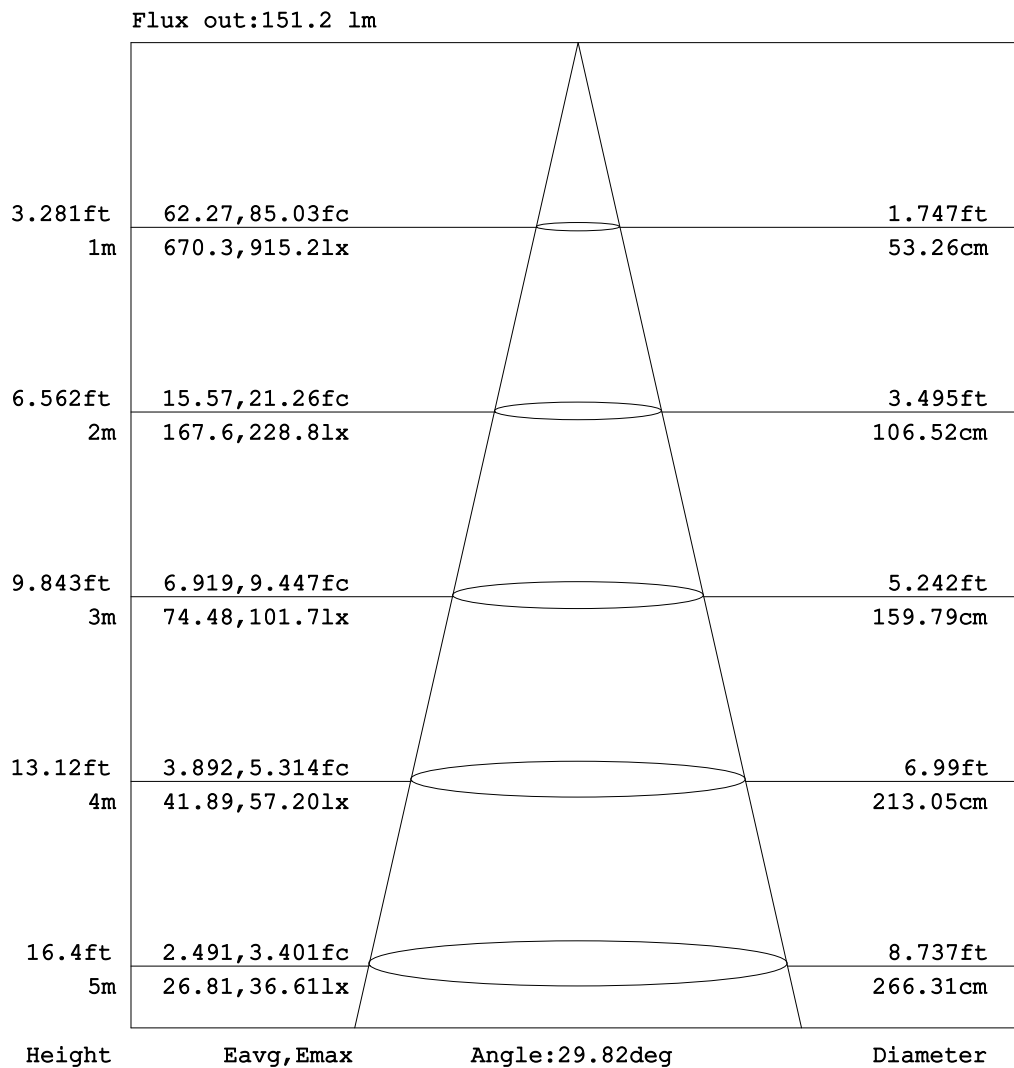


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2024-03-30

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity:65.0%  
Test Distance:9.200m [K=1.0000]  
Remarks:

## AAI Figure

|  |                 |                      |
|--|-----------------|----------------------|
| Test:U:24.00V I:0.7500A P:18.00W PF:1.000 Lamp Flux:699.578x1 lm |                 |                      |
| NAME: SFW20-24V-3535-24-RGB-2040                                 | TYPE: 硅胶        | WEIGHT:              |
| DIM.: 18.5MM*18.5MM  | SPEC.:          | SERIAL No.:202403007 |
| MFR.: OLYMPIA  | SUR.:1.0*0.0185 | PROTECTION ANGLE:    |



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

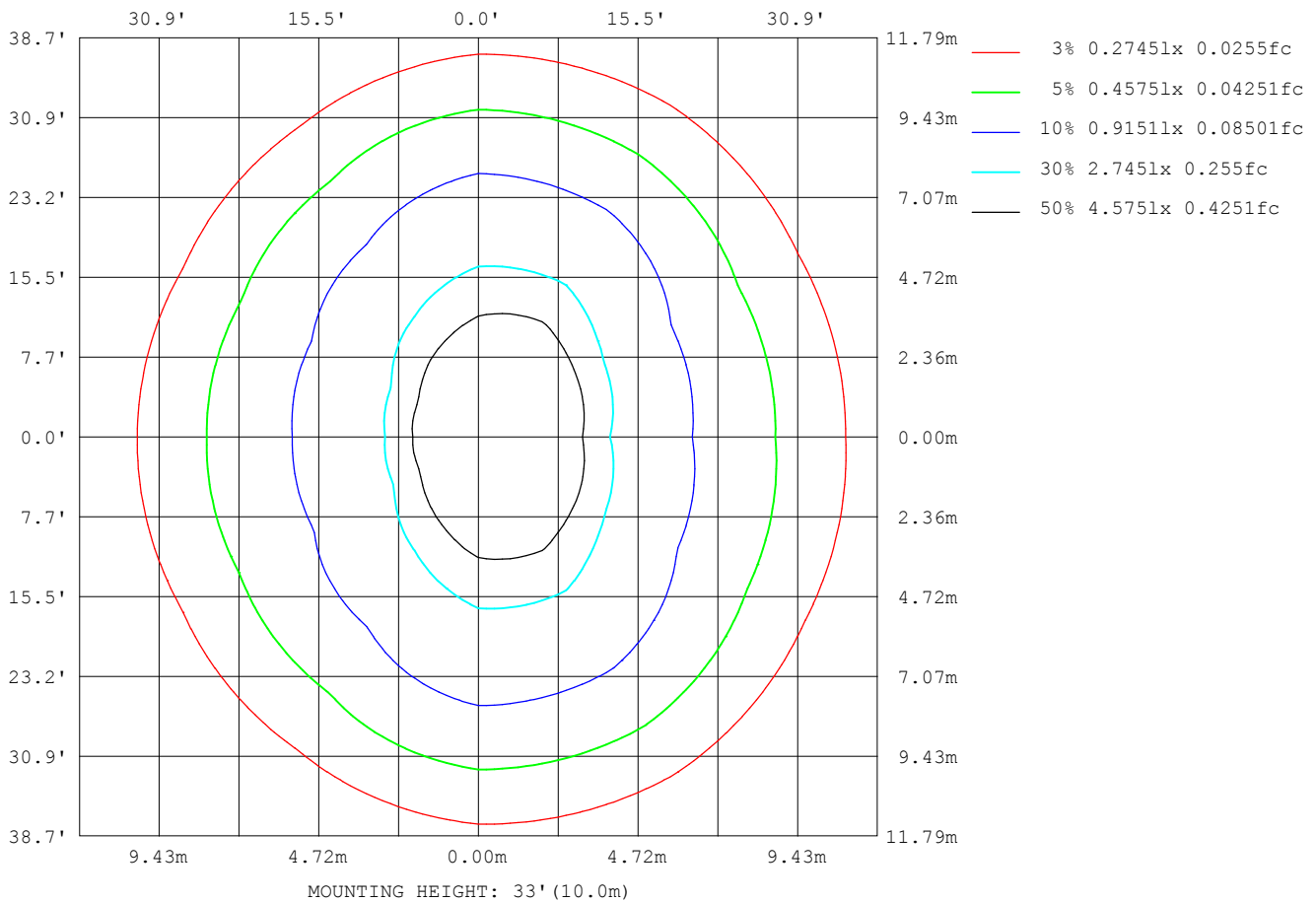
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2024-03-30

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity: 65.0%  
Test Distance: 9.200m [K=1.0000]  
Remarks:



## ISOLUX DIAGRAM

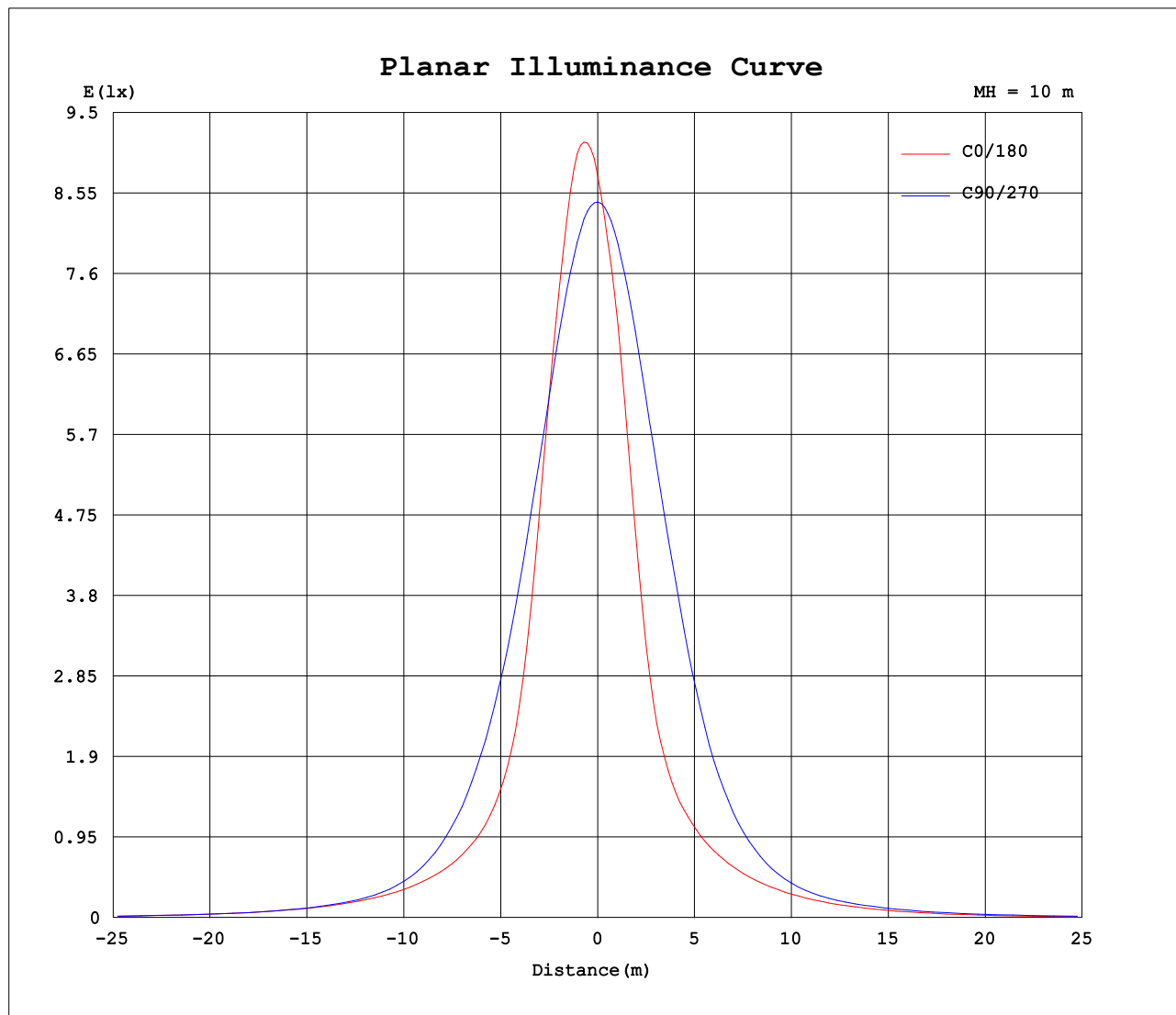
|  |                 |                      |
|--|-----------------|----------------------|
| Test:U:24.00V I:0.7500A P:18.00W PF:1.000 Lamp Flux:699.578x1 lm |                 |                      |
| NAME: SFW20-24V-3535-24-RGB-2040                                 | TYPE: 硅胶        | WEIGHT:              |
| DIM.: 18.5MM*18.5MM  | SPEC.:          | SERIAL No.:202403007 |
| MFR.: OLYMPIA  | SUR.:1.0*0.0185 | PROTECTION ANGLE:    |



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2024-03-30

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity:65.0%  
Test Distance:9.200m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2024-03-30

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity: 65.0%  
Test Distance: 9.200m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|  |                 |                      |
|--|-----------------|----------------------|
| Test:U:24.00V I:0.7500A P:18.00W PF:1.000 Lamp Flux:699.578x1 lm |                 |                      |
| NAME: SFW20-24V-3535-24-RGB-2040                                 | TYPE: 硅胶        | WEIGHT:              |
| DIM.: 18.5MM*18.5MM  | SPEC.:          | SERIAL No.:202403007 |
| MFR.: OLYMPIA  | SUR.:1.0*0.0185 | PROTECTION ANGLE:    |

Table--1

UNIT: cd

| C (DEG)<br>γ (DEG) | 0    | 30   | 60   | 90   | 120  | 150  | 180  | 210  | 240  | 270  | 300  | 330  |  |  |  |  |  |  |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|
| 0                  | 877  | 862  | 852  | 845  | 844  | 851  | 877  | 862  | 852  | 845  | 844  | 851  |  |  |  |  |  |  |
| 5                  | 922  | 911  | 878  | 821  | 763  | 732  | 745  | 741  | 771  | 819  | 872  | 902  |  |  |  |  |  |  |
| 10                 | 825  | 851  | 836  | 752  | 641  | 539  | 530  | 557  | 656  | 750  | 838  | 847  |  |  |  |  |  |  |
| 15                 | 630  | 693  | 734  | 652  | 495  | 342  | 321  | 358  | 517  | 650  | 739  | 689  |  |  |  |  |  |  |
| 20                 | 386  | 489  | 594  | 539  | 359  | 220  | 209  | 232  | 380  | 539  | 604  | 483  |  |  |  |  |  |  |
| 25                 | 238  | 309  | 459  | 424  | 254  | 163  | 161  | 172  | 268  | 423  | 459  | 298  |  |  |  |  |  |  |
| 30                 | 170  | 202  | 340  | 324  | 185  | 134  | 130  | 137  | 191  | 313  | 328  | 193  |  |  |  |  |  |  |
| 35                 | 136  | 153  | 242  | 238  | 141  | 112  | 109  | 111  | 143  | 226  | 223  | 142  |  |  |  |  |  |  |
| 40                 | 112  | 124  | 170  | 171  | 113  | 95.2 | 92.9 | 93.6 | 112  | 162  | 154  | 115  |  |  |  |  |  |  |
| 45                 | 94.9 | 102  | 123  | 122  | 92.6 | 80.3 | 79.2 | 78.6 | 90.5 | 116  | 113  | 96.3 |  |  |  |  |  |  |
| 50                 | 81.4 | 84.6 | 92.9 | 90.5 | 76.1 | 67.4 | 66.5 | 65.7 | 73.7 | 87.2 | 88.5 | 81.7 |  |  |  |  |  |  |
| 55                 | 68.4 | 69.9 | 72.7 | 72.0 | 61.9 | 55.3 | 54.0 | 53.6 | 59.9 | 69.8 | 71.9 | 69.1 |  |  |  |  |  |  |
| 60                 | 56.7 | 57.2 | 58.1 | 57.5 | 48.8 | 43.7 | 41.8 | 42.0 | 47.3 | 55.3 | 58.2 | 57.1 |  |  |  |  |  |  |
| 65                 | 45.3 | 45.8 | 45.6 | 44.0 | 36.7 | 32.2 | 30.0 | 30.7 | 35.4 | 42.3 | 45.2 | 45.2 |  |  |  |  |  |  |
| 70                 | 34.2 | 35.2 | 34.0 | 32.0 | 26.0 | 21.9 | 19.9 | 20.1 | 24.6 | 30.5 | 33.2 | 33.9 |  |  |  |  |  |  |
| 75                 | 23.9 | 25.1 | 23.8 | 21.7 | 16.8 | 14.3 | 12.6 | 12.6 | 15.2 | 20.0 | 22.8 | 23.3 |  |  |  |  |  |  |
| 80                 | 15.5 | 16.2 | 15.0 | 13.0 | 9.83 | 8.61 | 7.20 | 6.97 | 8.06 | 11.0 | 13.8 | 14.3 |  |  |  |  |  |  |
| 85                 | 9.47 | 9.69 | 8.34 | 6.11 | 4.72 | 4.44 | 3.02 | 2.86 | 3.26 | 4.13 | 6.78 | 7.86 |  |  |  |  |  |  |
| 90                 | 5.01 | 4.96 | 3.79 | 2.71 | 2.82 | 2.84 | 1.40 | 1.41 | 1.35 | 1.12 | 2.32 | 3.22 |  |  |  |  |  |  |
| 95                 | 2.81 | 2.75 | 2.79 | 2.79 | 2.77 | 2.75 | 1.42 | 1.40 | 1.47 | 1.27 | 1.21 | 1.20 |  |  |  |  |  |  |
| 100                | 2.68 | 2.71 | 2.78 | 2.88 | 2.77 | 2.75 | 1.57 | 1.56 | 1.66 | 1.52 | 1.38 | 1.19 |  |  |  |  |  |  |
| 105                | 2.67 | 2.72 | 2.80 | 2.96 | 2.85 | 2.80 | 1.75 | 1.77 | 1.90 | 1.80 | 1.59 | 1.36 |  |  |  |  |  |  |
| 110                | 2.67 | 2.77 | 2.87 | 3.08 | 2.97 | 2.88 | 1.99 | 2.04 | 2.19 | 2.08 | 1.85 | 1.55 |  |  |  |  |  |  |
| 115                | 2.71 | 2.85 | 3.02 | 3.24 | 3.17 | 3.05 | 2.32 | 2.39 | 2.51 | 2.38 | 2.14 | 1.80 |  |  |  |  |  |  |
| 120                | 2.81 | 2.98 | 3.18 | 3.45 | 3.41 | 3.30 | 2.75 | 2.79 | 2.87 | 2.69 | 2.47 | 2.11 |  |  |  |  |  |  |
| 125                | 3.01 | 3.18 | 3.42 | 3.71 | 3.74 | 3.64 | 3.23 | 3.25 | 3.25 | 3.03 | 2.83 | 2.48 |  |  |  |  |  |  |
| 130                | 3.33 | 3.45 | 3.71 | 4.01 | 4.07 | 4.05 | 3.72 | 3.68 | 3.63 | 3.41 | 3.20 | 2.91 |  |  |  |  |  |  |
| 135                | 3.72 | 3.81 | 4.06 | 4.32 | 4.45 | 4.51 | 4.16 | 4.09 | 4.01 | 3.75 | 3.58 | 3.35 |  |  |  |  |  |  |
| 140                | 4.20 | 4.24 | 4.40 | 4.64 | 4.82 | 4.97 | 4.52 | 4.44 | 4.35 | 4.09 | 3.96 | 3.77 |  |  |  |  |  |  |
| 145                | 4.73 | 4.71 | 4.77 | 4.95 | 5.17 | 5.40 | 4.80 | 4.73 | 4.66 | 4.39 | 4.29 | 4.16 |  |  |  |  |  |  |
| 150                | 5.25 | 5.16 | 5.10 | 5.22 | 5.45 | 5.74 | 5.02 | 4.98 | 4.93 | 4.65 | 4.58 | 4.48 |  |  |  |  |  |  |
| 155                | 5.69 | 5.54 | 5.35 | 5.44 | 5.67 | 5.98 | 5.20 | 5.19 | 5.16 | 4.86 | 4.80 | 4.72 |  |  |  |  |  |  |
| 160                | 6.00 | 5.82 | 5.54 | 5.61 | 5.76 | 6.00 | 5.34 | 5.35 | 5.34 | 5.07 | 4.98 | 4.91 |  |  |  |  |  |  |
| 165                | 6.17 | 5.92 | 5.66 | 5.73 | 5.81 | 5.95 | 5.41 | 5.45 | 5.50 | 5.28 | 5.14 | 5.03 |  |  |  |  |  |  |
| 170                | 6.19 | 5.92 | 5.75 | 5.83 | 5.81 | 5.78 | 5.47 | 5.53 | 5.65 | 5.49 | 5.32 | 5.12 |  |  |  |  |  |  |
| 175                | 6.02 | 5.85 | 5.84 | 5.90 | 5.81 | 5.63 | 5.59 | 5.66 | 5.82 | 5.67 | 5.54 | 5.26 |  |  |  |  |  |  |
| 180                | 5.85 | 5.84 | 5.92 | 5.91 | 5.77 | 5.53 | 5.83 | 5.83 | 5.93 | 5.85 | 5.78 | 5.50 |  |  |  |  |  |  |

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2024-03-30

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity:65.0%  
Test Distance:9.200m [K=1.0000]  
Remarks:

Photometric Data Table [cd]

| G/C   | 0.0   | 30.0  | 60.0  | 90.0  | 120.0 | 150.0 | 180.0 | 210.0 | 240.0 | 270.0 |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0.0   | 877.2 | 861.6 | 852.0 | 844.5 | 843.8 | 851.5 | 877.2 | 861.6 | 852.0 | 844.5 |
| 3.0   | 918.0 | 903.8 | 877.0 | 837.0 | 799.9 | 784.5 | 801.8 | 792.2 | 808.1 | 834.8 |
| 6.0   | 916.2 | 909.4 | 873.9 | 810.3 | 741.9 | 700.6 | 711.0 | 711.0 | 751.0 | 808.2 |
| 9.0   | 855.7 | 874.6 | 849.1 | 769.4 | 669.4 | 583.1 | 577.5 | 599.6 | 681.7 | 766.4 |
| 12.0  | 756.5 | 793.1 | 801.0 | 715.1 | 583.4 | 455.8 | 437.7 | 471.3 | 603.4 | 711.2 |
| 15.0  | 629.7 | 692.5 | 734.5 | 651.7 | 494.6 | 341.6 | 320.6 | 358.4 | 516.8 | 649.9 |
| 18.0  | 477.8 | 577.9 | 652.3 | 586.7 | 409.7 | 257.3 | 241.7 | 273.4 | 431.7 | 585.1 |
| 21.0  | 347.0 | 448.9 | 566.1 | 514.6 | 335.3 | 205.9 | 195.9 | 216.8 | 354.7 | 517.6 |
| 24.0  | 258.8 | 337.9 | 484.1 | 447.2 | 272.4 | 171.8 | 167.6 | 180.9 | 287.3 | 448.1 |
| 27.0  | 205.7 | 257.6 | 409.0 | 384.0 | 222.6 | 149.5 | 146.7 | 156.8 | 233.3 | 378.4 |
| 30.0  | 170.3 | 202.4 | 340.2 | 324.4 | 184.7 | 133.6 | 129.7 | 136.6 | 191.3 | 313.0 |
| 33.0  | 147.0 | 170.3 | 279.0 | 271.6 | 156.5 | 119.6 | 117.0 | 120.2 | 159.7 | 258.6 |
| 36.0  | 129.6 | 145.3 | 224.8 | 223.5 | 134.5 | 108.2 | 105.4 | 107.3 | 135.4 | 210.7 |
| 39.0  | 115.9 | 128.9 | 182.0 | 182.9 | 117.9 | 98.43 | 95.80 | 97.04 | 117.5 | 173.2 |
| 42.0  | 105.2 | 115.5 | 148.3 | 149.2 | 104.2 | 88.94 | 87.32 | 87.24 | 102.8 | 140.8 |
| 45.0  | 94.88 | 102.2 | 123.3 | 122.0 | 92.57 | 80.30 | 79.18 | 78.61 | 90.52 | 115.9 |
| 48.0  | 86.57 | 91.15 | 103.5 | 100.9 | 82.40 | 72.51 | 71.53 | 70.73 | 79.92 | 96.75 |
| 51.0  | 78.69 | 81.36 | 88.14 | 86.05 | 73.09 | 64.99 | 63.94 | 63.21 | 70.73 | 83.27 |
| 54.0  | 70.86 | 72.64 | 76.07 | 75.12 | 64.50 | 57.75 | 56.53 | 56.13 | 62.48 | 73.02 |
| 57.0  | 63.58 | 64.40 | 66.36 | 65.76 | 56.49 | 50.69 | 49.19 | 49.00 | 54.85 | 63.93 |
| 60.0  | 56.66 | 57.18 | 58.06 | 57.53 | 48.78 | 43.69 | 41.83 | 42.01 | 47.30 | 55.26 |
| 63.0  | 49.81 | 50.09 | 50.61 | 49.36 | 41.44 | 36.67 | 34.61 | 35.21 | 40.07 | 47.38 |
| 66.0  | 43.04 | 43.53 | 43.22 | 41.38 | 34.49 | 29.95 | 27.77 | 28.47 | 33.17 | 39.97 |
| 69.0  | 36.42 | 37.36 | 36.32 | 34.35 | 28.03 | 23.73 | 21.72 | 22.11 | 26.70 | 32.78 |
| 72.0  | 30.11 | 31.06 | 29.91 | 27.86 | 22.07 | 18.55 | 16.70 | 16.83 | 20.64 | 26.17 |
| 75.0  | 23.93 | 25.10 | 23.76 | 21.67 | 16.81 | 14.30 | 12.63 | 12.57 | 15.20 | 19.96 |
| 78.0  | 18.65 | 19.46 | 18.41 | 16.30 | 12.32 | 10.79 | 9.201 | 9.055 | 10.62 | 14.34 |
| 81.0  | 14.17 | 14.71 | 13.50 | 11.36 | 8.666 | 7.682 | 6.282 | 6.023 | 6.944 | 9.415 |
| 84.0  | 10.53 | 10.81 | 9.454 | 7.361 | 5.571 | 5.175 | 3.720 | 3.531 | 4.081 | 5.204 |
| 87.0  | 7.470 | 7.627 | 6.184 | 4.095 | 3.389 | 3.400 | 2.002 | 1.888 | 1.931 | 2.400 |
| 90.0  | 5.013 | 4.960 | 3.787 | 2.709 | 2.820 | 2.839 | 1.402 | 1.408 | 1.347 | 1.116 |
| 93.0  | 3.271 | 3.218 | 2.821 | 2.759 | 2.774 | 2.754 | 1.387 | 1.367 | 1.403 | 1.181 |
| 96.0  | 2.745 | 2.714 | 2.779 | 2.815 | 2.774 | 2.754 | 1.448 | 1.412 | 1.508 | 1.321 |
| 99.0  | 2.684 | 2.709 | 2.779 | 2.860 | 2.774 | 2.754 | 1.538 | 1.513 | 1.619 | 1.477 |
| 102.0 | 2.674 | 2.714 | 2.779 | 2.905 | 2.789 | 2.769 | 1.634 | 1.633 | 1.749 | 1.638 |
| 105.0 | 2.669 | 2.724 | 2.799 | 2.960 | 2.849 | 2.799 | 1.749 | 1.769 | 1.900 | 1.799 |
| 108.0 | 2.669 | 2.749 | 2.844 | 3.026 | 2.920 | 2.835 | 1.880 | 1.924 | 2.066 | 1.959 |
| 111.0 | 2.674 | 2.784 | 2.905 | 3.106 | 3.005 | 2.905 | 2.046 | 2.115 | 2.247 | 2.125 |
| 114.0 | 2.694 | 2.835 | 2.985 | 3.202 | 3.116 | 3.001 | 2.247 | 2.316 | 2.448 | 2.301 |
| 117.0 | 2.749 | 2.900 | 3.095 | 3.312 | 3.251 | 3.142 | 2.489 | 2.542 | 2.654 | 2.492 |
| 120.0 | 2.814 | 2.975 | 3.181 | 3.453 | 3.412 | 3.297 | 2.750 | 2.794 | 2.870 | 2.688 |
| 123.0 | 2.920 | 3.086 | 3.322 | 3.599 | 3.588 | 3.493 | 3.042 | 3.060 | 3.092 | 2.904 |
| 126.0 | 3.060 | 3.222 | 3.477 | 3.775 | 3.784 | 3.720 | 3.333 | 3.326 | 3.323 | 3.105 |
| 129.0 | 3.241 | 3.388 | 3.658 | 3.956 | 3.995 | 3.961 | 3.625 | 3.593 | 3.559 | 3.326 |
| 132.0 | 3.467 | 3.589 | 3.839 | 4.137 | 4.211 | 4.222 | 3.901 | 3.849 | 3.785 | 3.543 |
| 135.0 | 3.723 | 3.805 | 4.060 | 4.323 | 4.452 | 4.509 | 4.157 | 4.085 | 4.006 | 3.754 |
| 138.0 | 3.994 | 4.062 | 4.256 | 4.519 | 4.673 | 4.790 | 4.383 | 4.297 | 4.212 | 3.965 |
| 141.0 | 4.296 | 4.333 | 4.472 | 4.710 | 4.899 | 5.062 | 4.584 | 4.497 | 4.418 | 4.146 |
| 144.0 | 4.623 | 4.609 | 4.683 | 4.900 | 5.100 | 5.318 | 4.750 | 4.668 | 4.599 | 4.327 |
| 147.0 | 4.944 | 4.901 | 4.894 | 5.066 | 5.292 | 5.549 | 4.890 | 4.849 | 4.770 | 4.498 |
| 150.0 | 5.246 | 5.157 | 5.095 | 5.222 | 5.447 | 5.745 | 5.016 | 4.980 | 4.926 | 4.649 |
| 153.0 | 5.527 | 5.408 | 5.246 | 5.358 | 5.583 | 5.901 | 5.132 | 5.111 | 5.072 | 4.774 |
| 156.0 | 5.769 | 5.609 | 5.387 | 5.473 | 5.689 | 6.006 | 5.232 | 5.231 | 5.192 | 4.910 |
| 159.0 | 5.960 | 5.775 | 5.503 | 5.569 | 5.749 | 6.001 | 5.313 | 5.332 | 5.308 | 5.025 |
| 162.0 | 6.091 | 5.890 | 5.593 | 5.664 | 5.790 | 5.996 | 5.373 | 5.397 | 5.398 | 5.141 |
| 165.0 | 6.171 | 5.915 | 5.664 | 5.729 | 5.815 | 5.945 | 5.408 | 5.453 | 5.503 | 5.277 |
| 168.0 | 6.187 | 5.915 | 5.739 | 5.800 | 5.815 | 5.855 | 5.448 | 5.498 | 5.594 | 5.402 |
| 171.0 | 6.167 | 5.905 | 5.779 | 5.845 | 5.815 | 5.749 | 5.488 | 5.548 | 5.689 | 5.518 |
| 174.0 | 6.061 | 5.855 | 5.830 | 5.885 | 5.815 | 5.679 | 5.554 | 5.618 | 5.785 | 5.643 |
| 177.0 | 5.951 | 5.840 | 5.890 | 5.905 | 5.815 | 5.578 | 5.695 | 5.714 | 5.895 | 5.754 |
| 180.0 | 5.855 | 5.840 | 5.920 | 5.910 | 5.775 | 5.533 | 5.835 | 5.835 | 5.930 | 5.850 |
| G/C   | 300.0 | 330.0 |       |       |       |       |       |       |       |       |
| 0.0   | 843.8 | 851.5 |       |       |       |       |       |       |       |       |
| 3.0   | 868.9 | 893.3 |       |       |       |       |       |       |       |       |
| 6.0   | 869.4 | 901.0 |       |       |       |       |       |       |       |       |
| 9.0   | 849.1 | 869.3 |       |       |       |       |       |       |       |       |
| 12.0  | 806.0 | 792.5 |       |       |       |       |       |       |       |       |
| 15.0  | 739.0 | 689.2 |       |       |       |       |       |       |       |       |
| 18.0  | 659.7 | 571.0 |       |       |       |       |       |       |       |       |
| 21.0  | 574.9 | 442.1 |       |       |       |       |       |       |       |       |
| 24.0  | 487.9 | 327.8 |       |       |       |       |       |       |       |       |
| 27.0  | 403.2 | 249.8 |       |       |       |       |       |       |       |       |
| 30.0  | 328.1 | 193.3 |       |       |       |       |       |       |       |       |

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2024-03-30

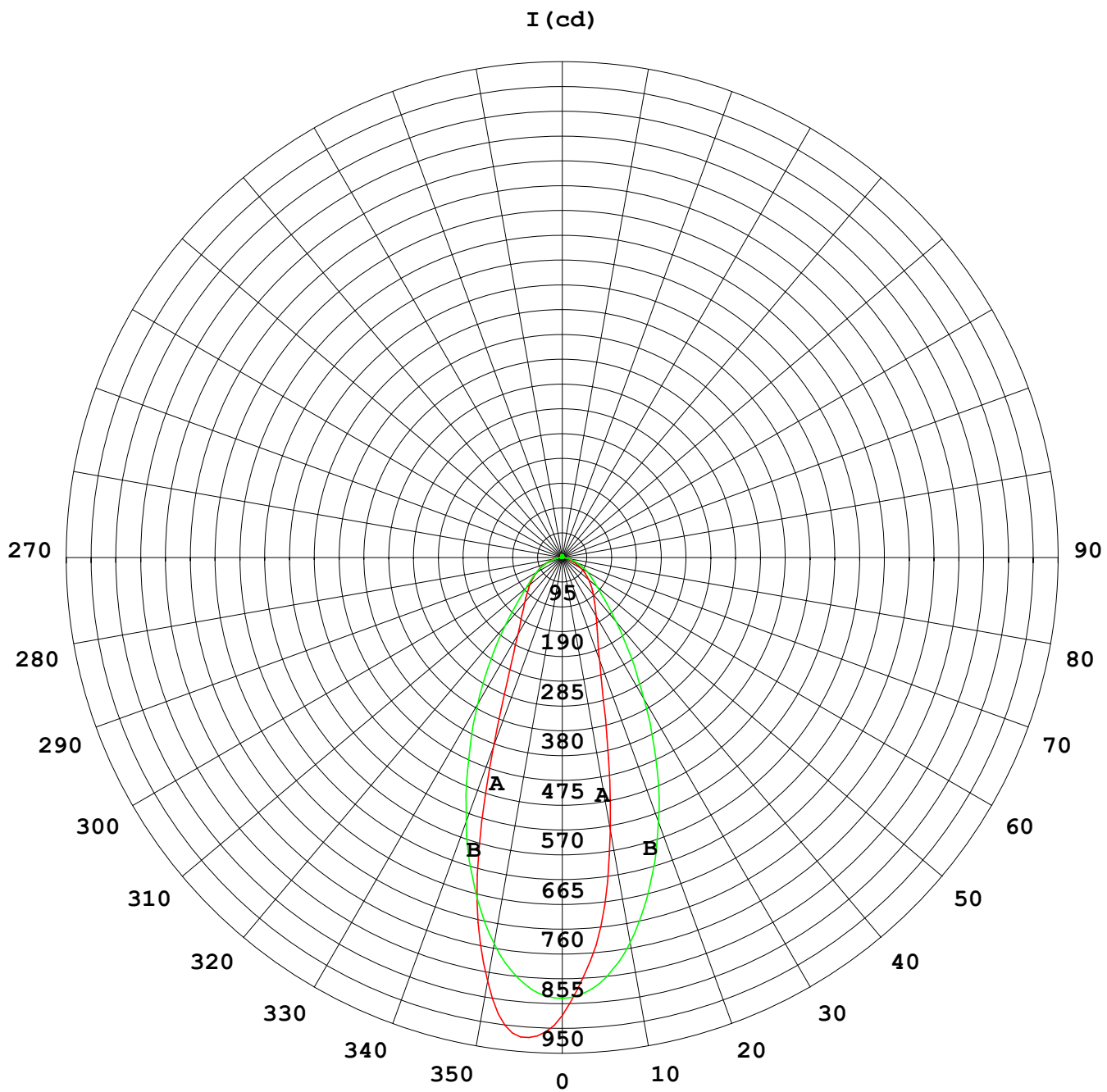
γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
 Humidity: 65.0%  
 Test Distance: 9.200m [K=1.0000]  
 Remarks:

## Photometric Data Table [cd]

|       |       |       |
|-------|-------|-------|
| 33.0  | 260.7 | 159.8 |
| 36.0  | 206.9 | 135.9 |
| 39.0  | 165.5 | 119.8 |
| 42.0  | 135.2 | 107.3 |
| 45.0  | 113.2 | 96.34 |
| 48.0  | 97.03 | 86.88 |
| 51.0  | 84.77 | 78.97 |
| 54.0  | 74.82 | 71.26 |
| 57.0  | 66.28 | 64.01 |
| 60.0  | 58.17 | 57.13 |
| 63.0  | 50.23 | 49.89 |
| 66.0  | 42.67 | 42.83 |
| 69.0  | 35.49 | 36.28 |
| 72.0  | 28.81 | 29.71 |
| 75.0  | 22.76 | 23.30 |
| 78.0  | 17.16 | 17.58 |
| 81.0  | 12.19 | 13.00 |
| 84.0  | 7.986 | 8.927 |
| 87.0  | 4.720 | 5.879 |
| 90.0  | 2.315 | 3.218 |
| 93.0  | 1.171 | 1.632 |
| 96.0  | 1.227 | 1.176 |
| 99.0  | 1.337 | 1.171 |
| 102.0 | 1.458 | 1.251 |
| 105.0 | 1.594 | 1.357 |
| 108.0 | 1.730 | 1.477 |
| 111.0 | 1.900 | 1.593 |
| 114.0 | 2.076 | 1.739 |
| 117.0 | 2.267 | 1.909 |
| 120.0 | 2.468 | 2.105 |
| 123.0 | 2.674 | 2.331 |
| 126.0 | 2.896 | 2.558 |
| 129.0 | 3.127 | 2.824 |
| 132.0 | 3.358 | 3.090 |
| 135.0 | 3.584 | 3.346 |
| 138.0 | 3.815 | 3.613 |
| 141.0 | 4.036 | 3.859 |
| 144.0 | 4.232 | 4.085 |
| 147.0 | 4.413 | 4.301 |
| 150.0 | 4.579 | 4.477 |
| 153.0 | 4.720 | 4.638 |
| 156.0 | 4.830 | 4.779 |
| 159.0 | 4.946 | 4.875 |
| 162.0 | 5.046 | 4.965 |
| 165.0 | 5.137 | 5.031 |
| 168.0 | 5.242 | 5.106 |
| 171.0 | 5.358 | 5.141 |
| 174.0 | 5.489 | 5.216 |
| 177.0 | 5.639 | 5.347 |
| 180.0 | 5.780 | 5.503 |

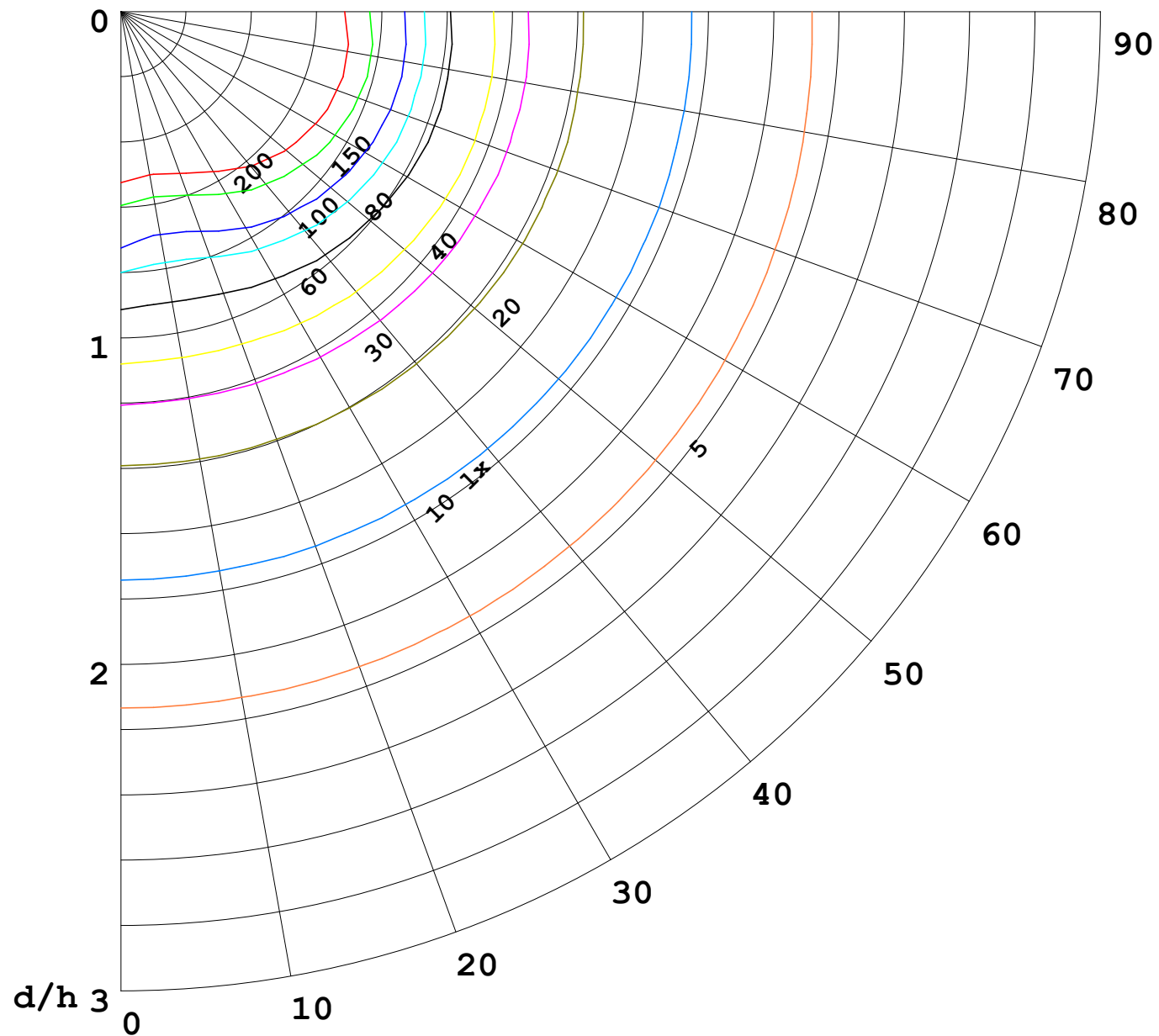
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2024-03-30

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity:65.0%  
Test Distance:9.200m [K=1.0000]  
Remarks:



1000 lm

$\kappa = 1$



F = 5000 lm  
 K = 0.7  
 Hcc = 0.0 m  
 Hfc = 0.0 m  
 Eave = 100 lx

|   | Pcc | Pw | Pfc |
|---|-----|----|-----|
| — | 70  | 50 | 30  |
| — | 50  | 30 | 20  |

