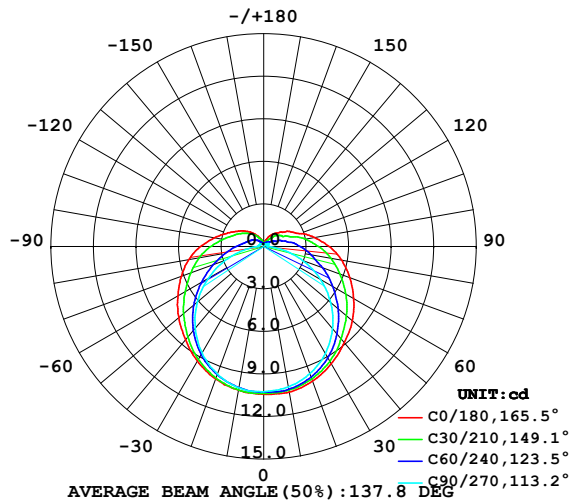


LUMINAIRE PHOTOMETRIC TEST REPORT

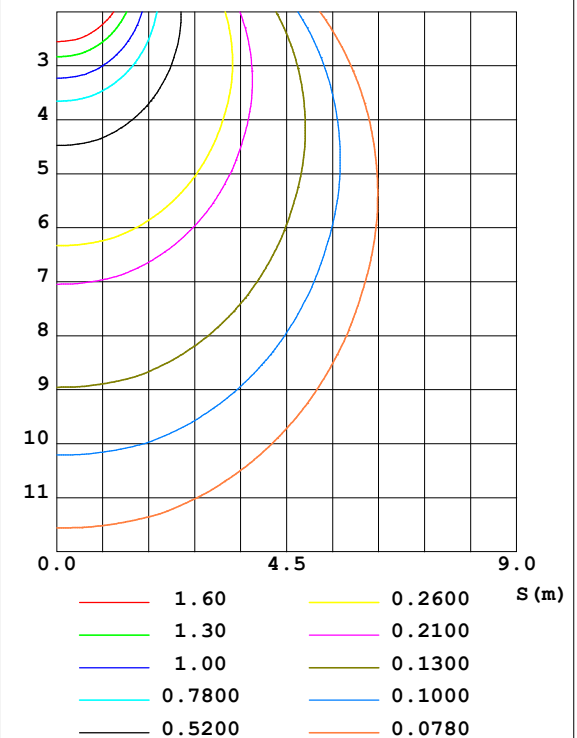
| | | |
|--|-----------------|----------------------|
| Test:U:24.00V I:0.2398A P:5.755W PF:1.000 Lamp Flux:46.8311x1 lm | | |
| NAME: SF21-24V-5050-70-SPI4-RGBW-4000K-R | TYPE: 硅胶 | WEIGHT: |
| DIM.: 28MM*11.5MM | SPEC.: | SERIAL No.:202303005 |
| MFR.: OLYMPIA | SUR.:1.0*0.0115 | PROTECTION ANGLE: |

| DATA OF LAMP | | PHOTOMETRIC DATA | | | | Eff: 8.14 lm/W |
|-------------------|---------|-----------------------|---------|---------------------|-----------|----------------|
| MODEL | 5050 | I _{max} (cd) | 10.44 | S/MH (C0/180) | 1.37 | |
| NOMINAL POWER (W) | 18 | LOR (%) | 100.0 | S/MH (C90/270) | 1.26 | |
| RATED VOLTAGE (V) | 24 | TOTAL FLUX (lm) | 46.831 | η UP, DN (C0-180) | 8.9, 41.1 | |
| NOMINAL FLUX (lm) | 46.8311 | CIE CLASS | SEMI-D. | η UP, DN (C180-360) | 9.2, 40.8 | |
| LAMPS INSIDE | 1 | η up (%) | 18.1 | CIBSE SHR NOM | 1.50 | |
| TEST VOLTAGE (V) | 24.0 | η down (%) | 81.9 | CIBSE SHR MAX | 1.50 | |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



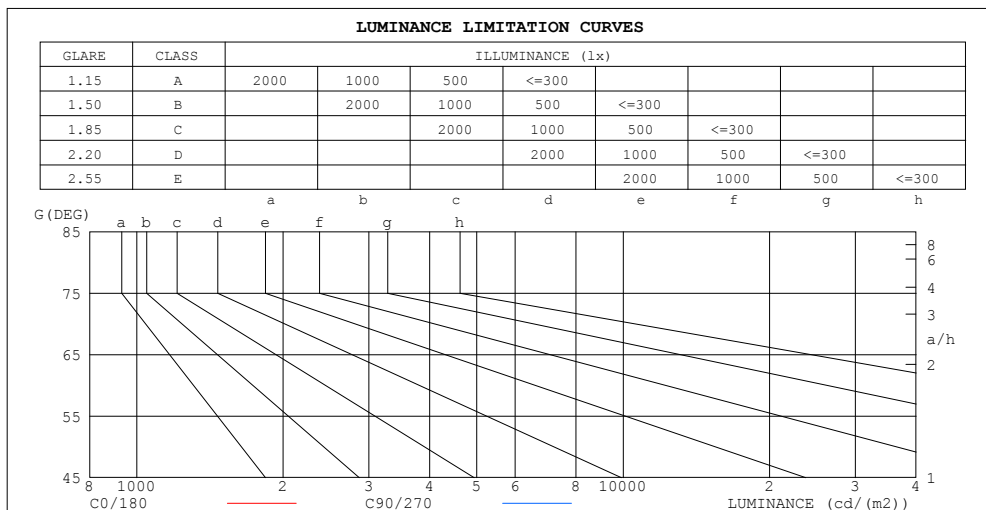
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WFW
Test Date: 2023-03-04

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 10.800m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM AND LUMINANCE LIMITATION CURVES

ZONAL FLUX DIAGRAM:

| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | %lum, lamp |
|----------|-----------------------|--------|--------|--------|--------|--------|--------|--------|----------|-------------|--------------|------------|
| 10 | 10.44 | 10.26 | 10.06 | 10.01 | 10.28 | 10.19 | 10.13 | 10.10 | 0- 10 | 0.9763 | 0.9763 | 2.08,2.08 |
| 20 | 10.11 | 9.870 | 9.543 | 9.558 | 9.938 | 9.745 | 9.565 | 9.717 | 10- 20 | 2.823 | 3.799 | 8.11,8.11 |
| 30 | 9.545 | 9.212 | 8.712 | 8.841 | 9.349 | 9.014 | 8.693 | 9.086 | 20- 30 | 4.349 | 8.149 | 17.4,17.4 |
| 40 | 8.852 | 8.277 | 7.562 | 7.871 | 8.587 | 8.027 | 7.516 | 8.179 | 30- 40 | 5.386 | 13.54 | 28.9,28.9 |
| 50 | 8.160 | 7.245 | 6.163 | 6.788 | 7.818 | 6.908 | 6.096 | 7.102 | 40- 50 | 5.848 | 19.38 | 41.4,41.4 |
| 60 | 7.335 | 6.157 | 4.611 | 5.624 | 6.994 | 5.731 | 4.524 | 6.004 | 50- 60 | 5.782 | 25.16 | 53.7,53.7 |
| 70 | 6.470 | 5.070 | 2.928 | 4.526 | 6.191 | 4.633 | 2.882 | 4.948 | 60- 70 | 5.257 | 30.42 | 65,65 |
| 80 | 5.597 | 4.107 | 1.287 | 3.570 | 5.366 | 3.664 | 1.296 | 3.972 | 70- 80 | 4.434 | 34.86 | 74.4,74.4 |
| 90 | 4.614 | 3.231 | 0.2840 | 2.736 | 4.446 | 2.840 | 0.4296 | 3.127 | 80- 90 | 3.510 | 38.37 | 81.9,81.9 |
| 100 | 3.658 | 2.404 | 0.2770 | 2.078 | 3.538 | 2.168 | 0.3809 | 2.351 | 90-100 | 2.701 | 41.07 | 87.7,87.7 |
| 110 | 2.682 | 1.652 | 0.2770 | 1.648 | 2.749 | 1.728 | 0.3256 | 1.735 | 100-110 | 1.994 | 43.06 | 91.9,91.9 |
| 120 | 2.127 | 1.132 | 0.3809 | 1.309 | 2.153 | 1.399 | 0.3186 | 1.323 | 110-120 | 1.431 | 44.49 | 95,95 |
| 130 | 1.614 | 0.8656 | 0.2625 | 1.025 | 1.710 | 1.084 | 0.2840 | 1.049 | 120-130 | 1.022 | 45.51 | 97.2,97.2 |
| 140 | 1.199 | 0.5886 | 0.1939 | 0.7480 | 1.280 | 0.7932 | 0.2494 | 0.7065 | 130-140 | 0.6599 | 46.17 | 98.6,98.6 |
| 150 | 0.8798 | 0.3671 | 0.1939 | 0.5125 | 0.8380 | 0.5298 | 0.1940 | 0.4121 | 140-150 | 0.3762 | 46.55 | 99.4,99.4 |
| 160 | 0.5195 | 0.2667 | 0.1939 | 0.3289 | 0.5191 | 0.3395 | 0.1732 | 0.2910 | 150-160 | 0.1859 | 46.74 | 99.8,99.8 |
| 170 | 0.2426 | 0.2147 | 0.2008 | 0.1974 | 0.1939 | 0.2321 | 0.1731 | 0.2251 | 160-170 | 0.0758 | 46.81 | 100,100 |
| 180 | 0.2008 | 0.1974 | 0.2008 | 0.1974 | 0.1939 | 0.2078 | 0.1870 | 0.1939 | 170-180 | 0.0196 | 46.83 | 100,100 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 587 | 70 |
| 80 | 322 | 74 |
| 75 | 233 | 81 |
| 70 | 189 | 86 |
| 65 | 163 | 90 |
| 60 | 147 | 92 |
| 55 | 135 | 94 |
| 50 | 127 | 96 |
| 45 | 121 | 98 |

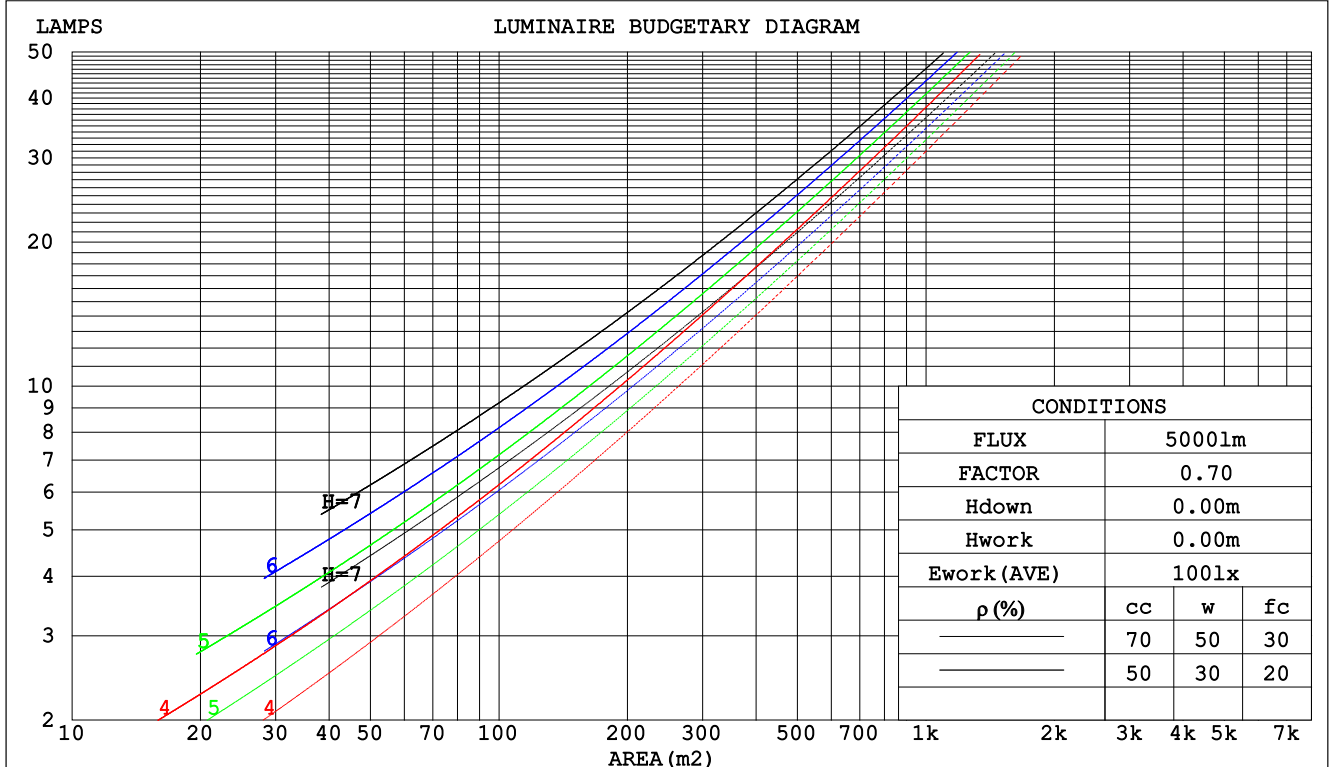
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.800m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|--|-----------------|----------------------|
| Test:U:24.00V I:0.2398A P:5.755W PF:1.000 Lamp Flux:46.831lx1 lm | | |
| NAME: SF21-24V-5050-70-SPI4-RGBW-4000K-R | TYPE: 硅胶 | WEIGHT: |
| DIM.: 28MM*11.5MM | SPEC.: | SERIAL No.:202303005 |
| MFR.: OLYMPIA | SUR.:1.0*0.0115 | 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 | 1.15 | 1.15 | 1.15 | 1.10 | 1.10 | 1.10 | 1.01 | 1.01 | 1.01 | .93 | .93 | .93 | .85 | .85 | .85 | .82 |
| 1.0 | .96 | .90 | .85 | .92 | .87 | .82 | .84 | .80 | .76 | .77 | .74 | .71 | .70 | .68 | .66 | .62 |
| 2.0 | .82 | .74 | .67 | .78 | .71 | .65 | .72 | .66 | .61 | .66 | .61 | .57 | .60 | .56 | .53 | .50 |
| 3.0 | .71 | .62 | .55 | .68 | .60 | .53 | .62 | .55 | .50 | .57 | .51 | .47 | .52 | .48 | .44 | .41 |
| 4.0 | .62 | .53 | .46 | .60 | .51 | .44 | .55 | .48 | .42 | .50 | .44 | .39 | .46 | .41 | .37 | .34 |
| 5.0 | .55 | .46 | .39 | .53 | .44 | .38 | .49 | .41 | .36 | .45 | .39 | .34 | .41 | .36 | .32 | .29 |
| 6.0 | .50 | .40 | .34 | .48 | .39 | .33 | .44 | .36 | .31 | .41 | .34 | .29 | .37 | .32 | .28 | .25 |
| 7.0 | .45 | .36 | .29 | .43 | .35 | .29 | .40 | .32 | .27 | .37 | .30 | .26 | .34 | .28 | .24 | .22 |
| 8.0 | .41 | .32 | .26 | .39 | .31 | .25 | .36 | .29 | .24 | .34 | .27 | .23 | .31 | .26 | .22 | .19 |
| 9.0 | .37 | .29 | .23 | .36 | .28 | .23 | .33 | .26 | .22 | .31 | .25 | .20 | .29 | .23 | .19 | .17 |
| 10.0 | .34 | .26 | .21 | .33 | .25 | .20 | .31 | .24 | .19 | .29 | .23 | .18 | .27 | .21 | .18 | .16 |



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-03-04

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.800m [K=1.0000]
Remarks:

WEC AND CCEC

| | | | | | |
|--|--|--|-----------------|--|----------------------|
| Test:U:24.00V I:0.2398A P:5.755W PF:1.000 Lamp Flux:46.8311x1 lm | | | | | |
| NAME: SF21-24V-5050-70-SPI4-RGBW-4000K-R | | | TYPE: 硅胶 | | WEIGHT: |
| DIM.: 28MM*11.5MM | | | SPEC.: | | SERIAL No.:202303005 |
| MFR.: OLYMPIA | | | SUR.:1.0*0.0115 | | 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 | .385 | .219 | .069 | .372 | .212 | .067 | .348 | .200 | .064 | .326 | .188 | .060 | .306 | .177 | .057 | |
| 2.0 | .333 | .182 | .056 | .321 | .177 | .055 | .300 | .167 | .052 | .280 | .157 | .049 | .261 | .148 | .047 | |
| 3.0 | .296 | .157 | .047 | .285 | .153 | .046 | .266 | .144 | .044 | .248 | .136 | .042 | .231 | .128 | .040 | |
| 4.0 | .266 | .138 | .041 | .257 | .134 | .040 | .239 | .127 | .038 | .223 | .120 | .036 | .207 | .113 | .034 | |
| 5.0 | .242 | .123 | .036 | .233 | .120 | .035 | .217 | .113 | .033 | .202 | .107 | .032 | .188 | .101 | .030 | |
| 6.0 | .222 | .111 | .032 | .214 | .108 | .031 | .199 | .102 | .030 | .186 | .096 | .028 | .173 | .091 | .027 | |
| 7.0 | .204 | .101 | .029 | .197 | .098 | .028 | .184 | .093 | .027 | .171 | .088 | .026 | .160 | .083 | .024 | |
| 8.0 | .190 | .093 | .026 | .183 | .090 | .025 | .171 | .085 | .024 | .159 | .081 | .023 | .148 | .076 | .022 | |
| 9.0 | .177 | .085 | .024 | .171 | .083 | .023 | .159 | .079 | .022 | .149 | .075 | .021 | .139 | .070 | .020 | |
| 10.0 | .165 | .079 | .022 | .160 | .077 | .022 | .149 | .073 | .021 | .140 | .069 | .020 | .130 | .066 | .019 | |

| 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 | .328 | .328 | .328 | .280 | .280 | .280 | .191 | .191 | .191 | .110 | .110 | .110 | .035 | .035 | .035 | |
| 1.0 | .324 | .294 | .267 | .278 | .253 | .230 | .190 | .174 | .159 | .109 | .101 | .093 | .035 | .032 | .030 | |
| 2.0 | .317 | .271 | .233 | .272 | .234 | .201 | .186 | .162 | .140 | .107 | .094 | .082 | .034 | .030 | .027 | |
| 3.0 | .310 | .255 | .211 | .266 | .220 | .183 | .182 | .153 | .128 | .105 | .089 | .076 | .034 | .029 | .025 | |
| 4.0 | .302 | .243 | .197 | .259 | .210 | .171 | .178 | .146 | .120 | .103 | .086 | .071 | .033 | .028 | .023 | |
| 5.0 | .294 | .233 | .187 | .253 | .201 | .163 | .174 | .141 | .115 | .101 | .083 | .068 | .033 | .027 | .022 | |
| 6.0 | .287 | .225 | .180 | .247 | .195 | .157 | .170 | .136 | .111 | .099 | .080 | .066 | .032 | .026 | .022 | |
| 7.0 | .280 | .218 | .175 | .241 | .189 | .152 | .166 | .133 | .108 | .097 | .078 | .064 | .031 | .026 | .021 | |
| 8.0 | .273 | .213 | .171 | .235 | .184 | .149 | .163 | .129 | .106 | .095 | .076 | .063 | .031 | .025 | .021 | |
| 9.0 | .267 | .208 | .168 | .230 | .180 | .146 | .159 | .127 | .104 | .093 | .075 | .062 | .030 | .025 | .021 | |
| 10.0 | .261 | .204 | .165 | .225 | .177 | .144 | .156 | .124 | .103 | .091 | .074 | .061 | .030 | .024 | .020 | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-03-04

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.800m [K=1.0000]
Remarks:

Uncorrected UGR Table

| | | | | | | | | | | | |
|--|-----|------------------|------|------|-----------------|------|----------------|----------------------|------|------|------|
| Test:U:24.00V I:0.2398A P:5.755W PF:1.000 Lamp Flux:46.8311x1 lm | | | | | | | | | | | |
| NAME: SF21-24V-5050-70-SPI4-RGBW-4000K-R | | | | | TYPE:硅胶 | | | WEIGHT: | | | |
| DIM.: 28MM*11.5MM | | | | | SPEC.: | | | SERIAL No.:202303005 | | | |
| MFR.: OLYMPIA | | | | | SUR.:1.0*0.0115 | | | 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 | 5.2 | 6.5 | 5.7 | 7.1 | 7.6 | 3.5 | 4.9 | 4.0 | 5.4 | 5.9 | |
| | 3H | 7.9 | 9.1 | 8.4 | 9.7 | 10.3 | 5.2 | 6.4 | 5.7 | 7.0 | 7.6 |
| | 4H | 9.3 | 10.6 | 9.9 | 11.1 | 11.7 | 5.9 | 7.1 | 6.4 | 7.6 | 8.2 |
| | 6H | 11.0 | 12.1 | 11.6 | 12.7 | 13.4 | 6.4 | 7.5 | 7.0 | 8.1 | 8.8 |
| | 8H | 11.9 | 13.0 | 12.5 | 13.6 | 14.3 | 6.6 | 7.7 | 7.2 | 8.3 | 8.9 |
| | 12H | 13.0 | 14.0 | 13.6 | 14.6 | 15.3 | 6.7 | 7.8 | 7.3 | 8.4 | 9.1 |
| 4H | 2H | 5.8 | 7.0 | 6.3 | 7.5 | 8.2 | 4.6 | 5.8 | 5.1 | 6.3 | 6.9 |
| | 3H | 8.7 | 9.7 | 9.3 | 10.3 | 11.0 | 6.5 | 7.6 | 7.1 | 8.2 | 8.8 |
| | 4H | 10.4 | 11.3 | 11.0 | 11.9 | 12.7 | 7.4 | 8.4 | 8.1 | 9.0 | 9.7 |
| | 6H | 12.2 | 13.1 | 12.9 | 13.7 | 14.5 | 8.2 | 9.1 | 8.9 | 9.8 | 10.5 |
| | 8H | 13.3 | 14.1 | 13.9 | 14.7 | 15.5 | 8.5 | 9.4 | 9.2 | 10.0 | 10.8 |
| | 12H | 14.5 | 15.2 | 15.1 | 15.9 | 16.7 | 8.8 | 9.5 | 9.5 | 10.2 | 11.0 |
| 8H | 4H | 10.7 | 11.5 | 11.4 | 12.2 | 13.0 | 8.4 | 9.2 | 9.1 | 9.9 | 10.7 |
| | 6H | 12.9 | 13.6 | 13.6 | 14.3 | 15.1 | 9.7 | 10.3 | 10.3 | 11.0 | 11.8 |
| | 8H | 14.2 | 14.8 | 14.9 | 15.5 | 16.3 | 10.2 | 10.8 | 10.9 | 11.6 | 12.4 |
| | 12H | 15.6 | 16.1 | 16.3 | 16.9 | 17.7 | 10.7 | 11.3 | 11.5 | 12.0 | 12.8 |
| 12H | 4H | 10.8 | 11.5 | 11.5 | 12.2 | 13.0 | 8.7 | 9.5 | 9.4 | 10.2 | 10.9 |
| | 6H | 13.0 | 13.7 | 13.8 | 14.4 | 15.2 | 10.2 | 10.8 | 10.9 | 11.5 | 12.3 |
| | 8H | 14.4 | 14.9 | 15.1 | 15.7 | 16.5 | 11.0 | 11.5 | 11.7 | 12.2 | 13.1 |
| Variations with the observer position at spacings: | | | | | | | | | | | |
| S = 1.0H | | + 0.1 / - 0.1 | | | | | + 0.1 / - 0.1 | | | | |
| 1.5H | | + 0.2 / - 0.2 | | | | | + 0.2 / - 0.3 | | | | |
| 2.0H | | + 0.2 / - 0.3 | | | | | + 0.3 / - 0.4 | | | | |

CIE Pub.117 Corrected 46.83 lm Total Lamp Luminous Flux. (8log(F/F0) = -10.6)

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:WFW
 Test Date:2023-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity:65.0%
 Test Distance:10.800m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

| | | |
|--|-----------------|----------------------|
| Test:U:24.00V I:0.2398A P:5.755W PF:1.000 Lamp Flux:46.8311x1 lm | | |
| NAME: SF21-24V-5050-70-SPI4-RGBW-4000K-R | TYPE: 硅胶 | WEIGHT: |
| DIM.: 28MM*11.5MM | SPEC.: | SERIAL No.:202303005 |
| MFR.: OLYMPIA | SUR.:1.0*0.0115 | PROTECTION ANGLE: |

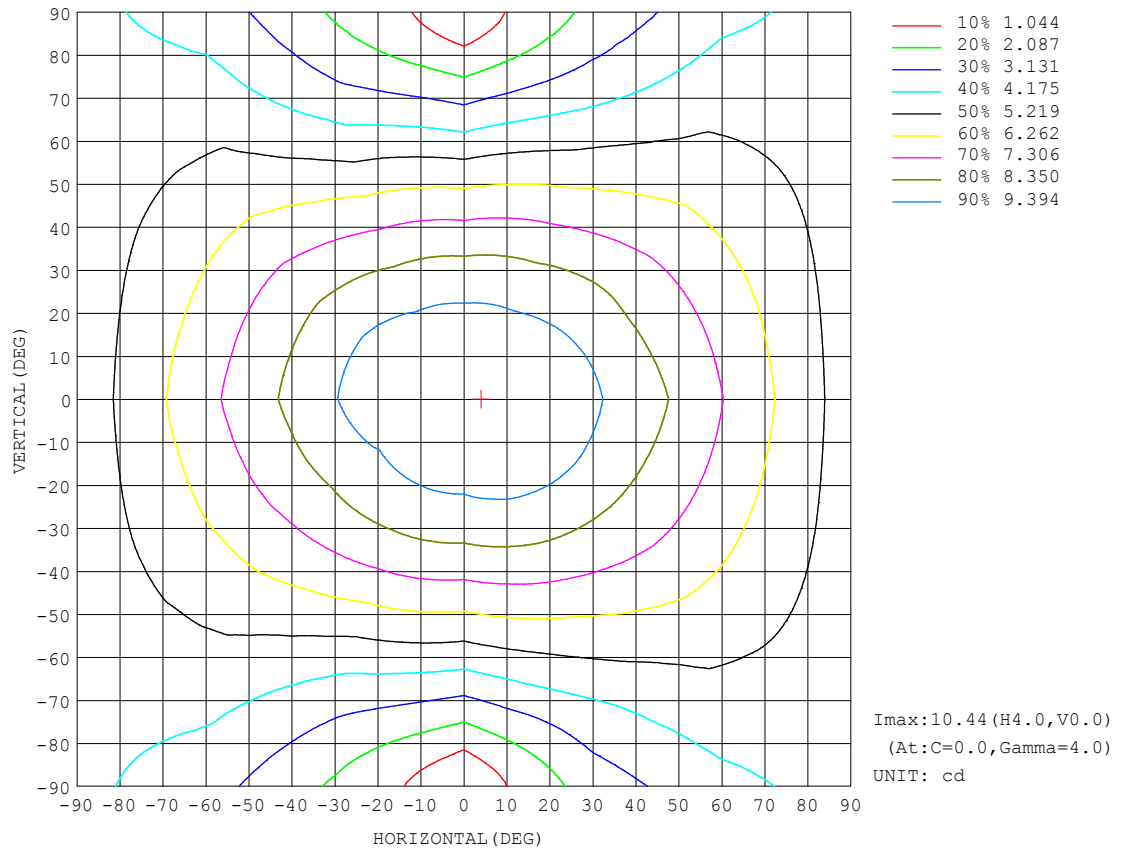
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|-----|--------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 48 | 36 | 28 | 47 | 35 | 28 | 45 | 34 | 28 | 21 |
| 0.80 | 57 | 44 | 36 | 55 | 43 | 36 | 53 | 42 | 35 | 27 |
| 1.00 | 65 | 52 | 43 | 63 | 51 | 43 | 59 | 51 | 42 | 33 |
| 1.25 | 72 | 59 | 50 | 69 | 58 | 50 | 65 | 55 | 48 | 38 |
| 1.50 | 77 | 65 | 56 | 74 | 63 | 55 | 69 | 60 | 53 | 42 |
| 2.00 | 84 | 73 | 65 | 81 | 71 | 63 | 75 | 67 | 60 | 49 |
| 2.50 | 88 | 78 | 70 | 85 | 76 | 69 | 79 | 71 | 65 | 52 |
| 3.00 | 92 | 83 | 75 | 89 | 80 | 73 | 82 | 75 | 69 | 56 |
| 4.00 | 97 | 89 | 82 | 93 | 86 | 80 | 86 | 80 | 75 | 61 |
| 5.00 | 100 | 93 | 87 | 96 | 90 | 84 | 88 | 83 | 79 | 64 |
| ROOM INDEX | UF (total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | | SHRNM = 1.25 | | |

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: WFW
 Test Date: 2023-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 10.800m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

| | | |
|--|-----------------|----------------------|
| Test:U:24.00V I:0.2398A P:5.755W PF:1.000 Lamp Flux:46.8311x1 lm | | |
| NAME: SF21-24V-5050-70-SPI4-RGBW-4000K-R | TYPE: 硅胶 | WEIGHT: |
| DIM.: 28MM*11.5MM | SPEC.: | SERIAL No.:202303005 |
| MFR.: OLYMPIA | SUR.:1.0*0.0115 | PROTECTION ANGLE: |

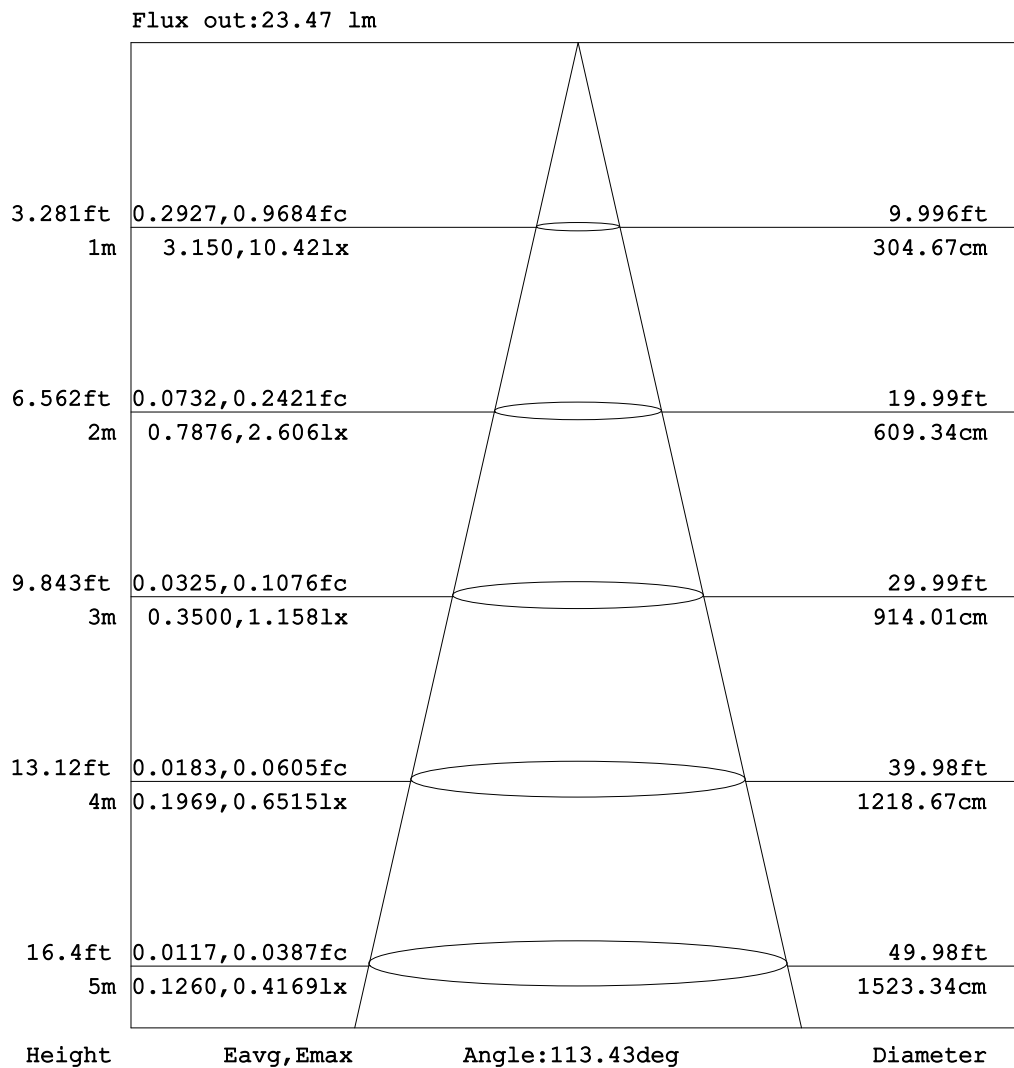


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.800m [K=1.0000]
Remarks:

AAI Figure

| | | |
|--|-----------------|----------------------|
| Test:U:24.00V I:0.2398A P:5.755W PF:1.000 Lamp Flux:46.8311x1 lm | | |
| NAME: SF21-24V-5050-70-SPI4-RGBW-4000K-R | TYPE: 硅胶 | WEIGHT: |
| DIM.: 28MM*11.5MM | SPEC.: | SERIAL No.:202303005 |
| MFR.: OLYMPIA | SUR.:1.0*0.0115 | PROTECTION ANGLE: |



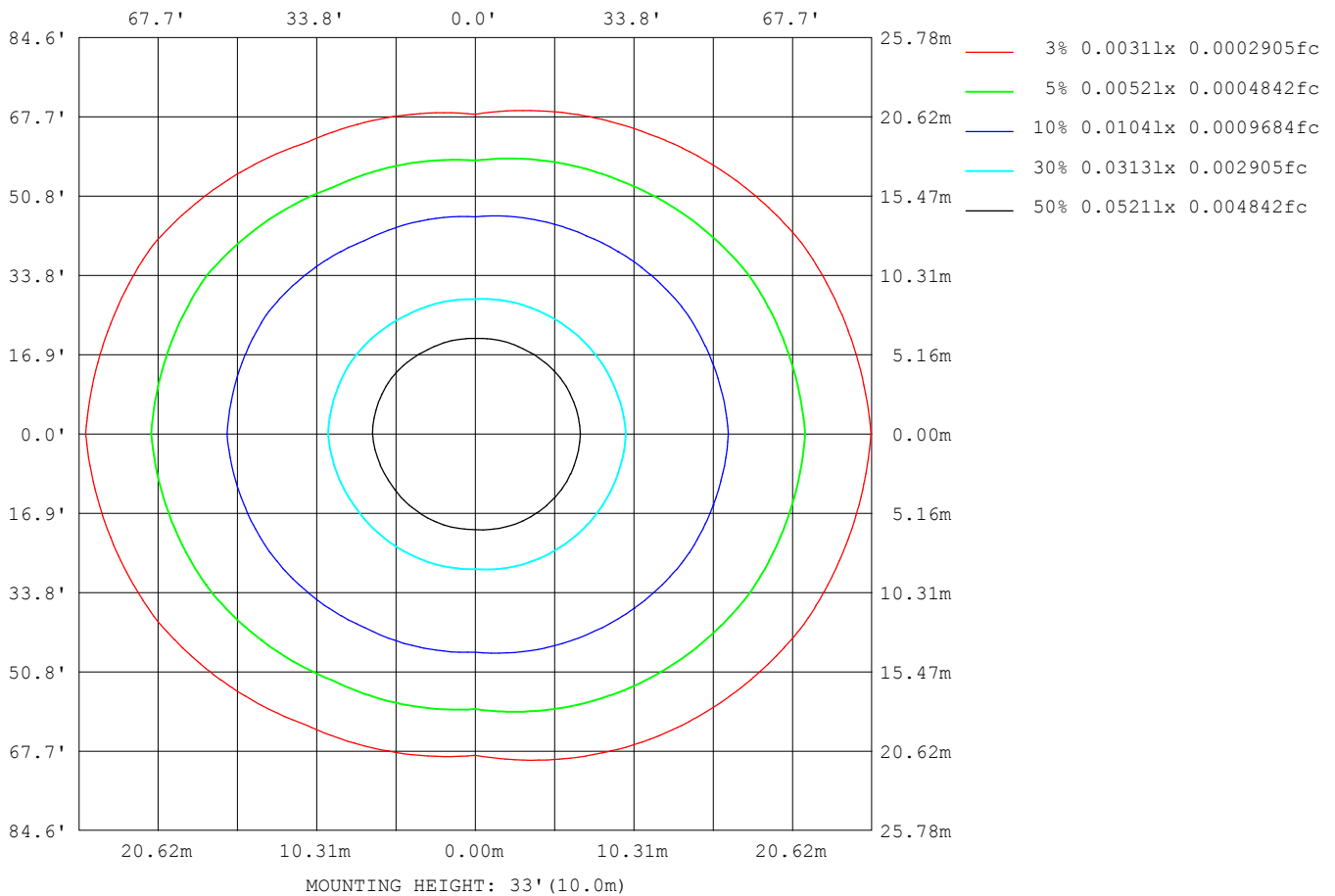
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WFW
Test Date: 2023-03-04

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 10.800m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

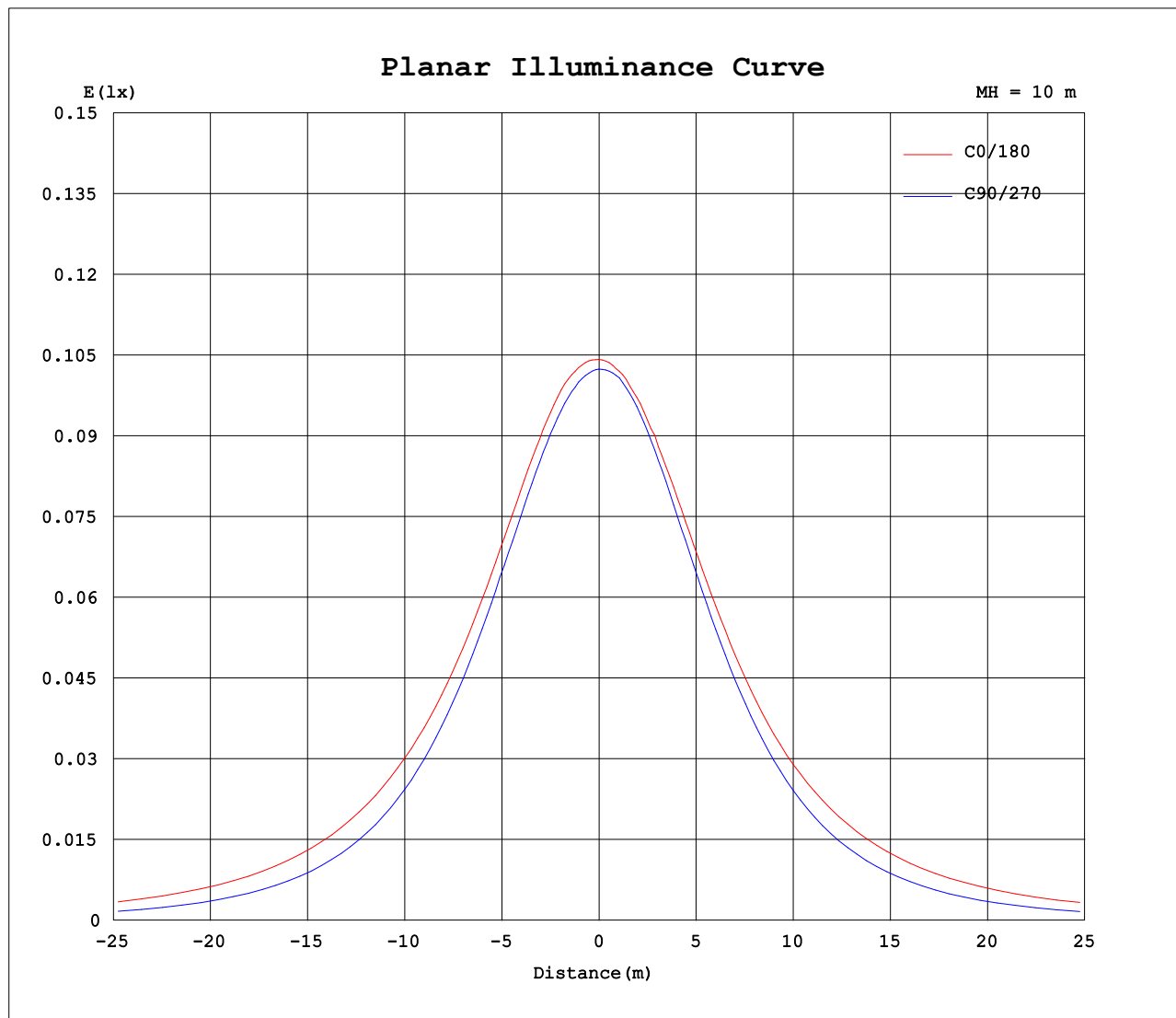
| | | |
|---|------------------|-----------------------|
| Test:U:24.00V I:0.2398A P:5.755W PF:1.000 Lamp Flux:46.831lx 1m | | |
| NAME: SF21-24V-5050-70-SPI4-RGBW-4000K-R | TYPE: 硅胶 | WEIGHT: |
| DIM.: 28MM*11.5MM | SPEC.: | SERIAL No.: 202303005 |
| MFR.: OLYMPIA | SUR.: 1.0*0.0115 | PROTECTION ANGLE: |



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WFW
Test Date: 2023-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 10.800m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WFW
Test Date: 2023-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 10.800m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--|-----------------|----------------------|
| Test:U:24.00V I:0.2398A P:5.755W PF:1.000 Lamp Flux:46.8311x1 lm | | |
| NAME: SF21-24V-5050-70-SPI4-RGBW-4000K-R | TYPE: 硅胶 | WEIGHT: |
| DIM.: 28MM*11.5MM | SPEC.: | SERIAL No.:202303005 |
| MFR.: OLYMPIA | SUR.:1.0*0.0115 | PROTECTION ANGLE: |

Table--1

UNIT: cd

| C (DEG) γ (DEG) | 0 | 30 | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 | 330 | | | | | | |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|
| 0 | 10.4 | 10.4 | 10.3 | 10.2 | 10.2 | 10.1 | 10.4 | 10.4 | 10.3 | 10.2 | 10.2 | 10.1 | | | | | | |
| 5 | 10.4 | 10.4 | 10.3 | 10.2 | 10.2 | 10.1 | 10.4 | 10.4 | 10.2 | 10.2 | 10.2 | 10.1 | | | | | | |
| 10 | 10.4 | 10.3 | 10.2 | 10.1 | 10.0 | 9.97 | 10.3 | 10.3 | 10.1 | 10.1 | 10.1 | 10.1 | | | | | | |
| 15 | 10.3 | 10.1 | 10.1 | 9.84 | 9.84 | 9.80 | 10.1 | 10.1 | 9.91 | 9.90 | 9.89 | 10.0 | | | | | | |
| 20 | 10.1 | 9.94 | 9.80 | 9.54 | 9.57 | 9.55 | 9.94 | 9.88 | 9.61 | 9.57 | 9.61 | 9.82 | | | | | | |
| 25 | 9.85 | 9.69 | 9.47 | 9.18 | 9.23 | 9.26 | 9.68 | 9.57 | 9.25 | 9.18 | 9.28 | 9.56 | | | | | | |
| 30 | 9.54 | 9.36 | 9.07 | 8.71 | 8.78 | 8.90 | 9.35 | 9.22 | 8.81 | 8.69 | 8.89 | 9.28 | | | | | | |
| 35 | 9.22 | 8.97 | 8.59 | 8.17 | 8.27 | 8.49 | 8.99 | 8.80 | 8.30 | 8.14 | 8.40 | 8.93 | | | | | | |
| 40 | 8.85 | 8.50 | 8.06 | 7.56 | 7.72 | 8.03 | 8.59 | 8.33 | 7.72 | 7.52 | 7.87 | 8.49 | | | | | | |
| 45 | 8.53 | 8.05 | 7.47 | 6.90 | 7.10 | 7.58 | 8.20 | 7.85 | 7.10 | 6.83 | 7.28 | 7.93 | | | | | | |
| 50 | 8.16 | 7.62 | 6.87 | 6.16 | 6.44 | 7.13 | 7.82 | 7.38 | 6.44 | 6.10 | 6.69 | 7.52 | | | | | | |
| 55 | 7.76 | 7.17 | 6.22 | 5.41 | 5.75 | 6.64 | 7.42 | 6.87 | 5.74 | 5.33 | 6.04 | 7.07 | | | | | | |
| 60 | 7.34 | 6.69 | 5.62 | 4.61 | 5.07 | 6.18 | 6.99 | 6.39 | 5.07 | 4.52 | 5.41 | 6.60 | | | | | | |
| 65 | 6.91 | 6.20 | 5.04 | 3.79 | 4.41 | 5.72 | 6.58 | 5.92 | 4.41 | 3.71 | 4.81 | 6.14 | | | | | | |
| 70 | 6.47 | 5.71 | 4.43 | 2.93 | 3.78 | 5.27 | 6.19 | 5.47 | 3.79 | 2.88 | 4.21 | 5.69 | | | | | | |
| 75 | 6.03 | 5.26 | 3.82 | 2.10 | 3.21 | 4.84 | 5.77 | 5.04 | 3.21 | 2.06 | 3.64 | 5.24 | | | | | | |
| 80 | 5.60 | 4.82 | 3.39 | 1.29 | 2.72 | 4.42 | 5.37 | 4.61 | 2.71 | 1.30 | 3.15 | 4.79 | | | | | | |
| 85 | 5.12 | 4.36 | 2.97 | 0.61 | 2.29 | 3.98 | 4.92 | 4.17 | 2.29 | 0.70 | 2.71 | 4.36 | | | | | | |
| 90 | 4.61 | 3.88 | 2.58 | 0.28 | 1.93 | 3.55 | 4.45 | 3.73 | 1.95 | 0.43 | 2.35 | 3.90 | | | | | | |
| 95 | 4.12 | 3.42 | 2.24 | 0.28 | 1.62 | 3.13 | 3.98 | 3.31 | 1.64 | 0.40 | 2.04 | 3.44 | | | | | | |
| 100 | 3.66 | 2.99 | 1.82 | 0.28 | 1.41 | 2.75 | 3.54 | 2.93 | 1.41 | 0.38 | 1.67 | 3.03 | | | | | | |
| 105 | 3.21 | 2.55 | 1.53 | 0.28 | 1.25 | 2.41 | 3.15 | 2.58 | 1.27 | 0.35 | 1.41 | 2.60 | | | | | | |
| 110 | 2.68 | 2.03 | 1.27 | 0.28 | 1.14 | 2.16 | 2.75 | 2.29 | 1.16 | 0.33 | 1.27 | 2.20 | | | | | | |
| 115 | 2.36 | 1.77 | 0.89 | 0.35 | 1.02 | 1.92 | 2.44 | 2.07 | 1.05 | 0.33 | 1.10 | 1.94 | | | | | | |
| 120 | 2.13 | 1.50 | 0.77 | 0.38 | 0.91 | 1.70 | 2.15 | 1.85 | 0.95 | 0.32 | 0.98 | 1.66 | | | | | | |
| 125 | 1.79 | 1.38 | 0.67 | 0.36 | 0.82 | 1.52 | 1.95 | 1.64 | 0.82 | 0.30 | 0.89 | 1.50 | | | | | | |
| 130 | 1.61 | 1.23 | 0.50 | 0.26 | 0.71 | 1.34 | 1.71 | 1.45 | 0.72 | 0.28 | 0.80 | 1.30 | | | | | | |
| 135 | 1.36 | 0.97 | 0.46 | 0.19 | 0.60 | 1.16 | 1.48 | 1.26 | 0.61 | 0.26 | 0.67 | 1.11 | | | | | | |
| 140 | 1.20 | 0.78 | 0.40 | 0.19 | 0.53 | 0.97 | 1.28 | 1.09 | 0.50 | 0.25 | 0.53 | 0.88 | | | | | | |
| 145 | 1.03 | 0.59 | 0.35 | 0.19 | 0.45 | 0.82 | 1.06 | 0.92 | 0.40 | 0.24 | 0.38 | 0.70 | | | | | | |
| 150 | 0.88 | 0.42 | 0.32 | 0.19 | 0.37 | 0.66 | 0.84 | 0.73 | 0.33 | 0.19 | 0.28 | 0.55 | | | | | | |
| 155 | 0.66 | 0.37 | 0.28 | 0.19 | 0.30 | 0.50 | 0.66 | 0.61 | 0.25 | 0.19 | 0.22 | 0.47 | | | | | | |
| 160 | 0.52 | 0.28 | 0.26 | 0.19 | 0.26 | 0.40 | 0.52 | 0.49 | 0.19 | 0.17 | 0.19 | 0.39 | | | | | | |
| 165 | 0.40 | 0.21 | 0.24 | 0.19 | 0.21 | 0.26 | 0.37 | 0.35 | 0.19 | 0.17 | 0.19 | 0.30 | | | | | | |
| 170 | 0.24 | 0.21 | 0.22 | 0.20 | 0.20 | 0.19 | 0.19 | 0.26 | 0.20 | 0.17 | 0.19 | 0.26 | | | | | | |
| 175 | 0.21 | 0.21 | 0.21 | 0.20 | 0.20 | 0.19 | 0.19 | 0.21 | 0.21 | 0.18 | 0.19 | 0.23 | | | | | | |
| 180 | 0.20 | 0.20 | 0.19 | 0.20 | 0.20 | 0.19 | 0.19 | 0.21 | 0.21 | 0.19 | 0.19 | 0.19 | | | | | | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-03-04

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.800m [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 | 10.42 | 10.37 | 10.28 | 10.24 | 10.20 | 10.14 | 10.42 | 10.37 | 10.28 | 10.24 |
| 3.0 | 10.44 | 10.36 | 10.28 | 10.21 | 10.19 | 10.10 | 10.40 | 10.37 | 10.27 | 10.24 |
| 6.0 | 10.44 | 10.35 | 10.28 | 10.17 | 10.17 | 10.05 | 10.37 | 10.36 | 10.23 | 10.24 |
| 9.0 | 10.44 | 10.31 | 10.26 | 10.08 | 10.08 | 9.980 | 10.31 | 10.31 | 10.14 | 10.16 |
| 12.0 | 10.39 | 10.25 | 10.17 | 9.980 | 9.974 | 9.897 | 10.26 | 10.22 | 10.03 | 10.04 |
| 15.0 | 10.31 | 10.14 | 10.06 | 9.841 | 9.835 | 9.799 | 10.14 | 10.11 | 9.910 | 9.897 |
| 18.0 | 10.19 | 10.03 | 9.911 | 9.682 | 9.683 | 9.647 | 10.02 | 9.981 | 9.737 | 9.717 |
| 21.0 | 10.06 | 9.896 | 9.738 | 9.474 | 9.496 | 9.488 | 9.896 | 9.814 | 9.550 | 9.489 |
| 24.0 | 9.904 | 9.724 | 9.531 | 9.239 | 9.281 | 9.335 | 9.723 | 9.627 | 9.335 | 9.267 |
| 27.0 | 9.738 | 9.543 | 9.316 | 9.016 | 9.060 | 9.135 | 9.543 | 9.427 | 9.093 | 8.984 |
| 30.0 | 9.545 | 9.356 | 9.067 | 8.712 | 8.783 | 8.899 | 9.349 | 9.219 | 8.809 | 8.693 |
| 33.0 | 9.344 | 9.141 | 8.783 | 8.393 | 8.485 | 8.684 | 9.148 | 8.970 | 8.511 | 8.374 |
| 36.0 | 9.143 | 8.878 | 8.485 | 8.047 | 8.173 | 8.393 | 8.906 | 8.707 | 8.192 | 8.014 |
| 39.0 | 8.921 | 8.587 | 8.167 | 7.686 | 7.835 | 8.123 | 8.670 | 8.423 | 7.845 | 7.640 |
| 42.0 | 8.727 | 8.317 | 7.814 | 7.299 | 7.481 | 7.833 | 8.435 | 8.125 | 7.479 | 7.246 |
| 45.0 | 8.533 | 8.047 | 7.474 | 6.897 | 7.100 | 7.576 | 8.199 | 7.848 | 7.098 | 6.830 |
| 48.0 | 8.319 | 7.818 | 7.107 | 6.467 | 6.712 | 7.299 | 7.985 | 7.557 | 6.703 | 6.394 |
| 51.0 | 8.083 | 7.541 | 6.740 | 6.017 | 6.304 | 7.029 | 7.749 | 7.287 | 6.301 | 5.944 |
| 54.0 | 7.841 | 7.258 | 6.353 | 5.581 | 5.889 | 6.752 | 7.500 | 6.996 | 5.885 | 5.494 |
| 57.0 | 7.592 | 6.980 | 5.971 | 5.103 | 5.487 | 6.468 | 7.257 | 6.698 | 5.477 | 5.016 |
| 60.0 | 7.335 | 6.689 | 5.625 | 4.611 | 5.071 | 6.177 | 6.994 | 6.393 | 5.068 | 4.524 |
| 63.0 | 7.072 | 6.392 | 5.272 | 4.133 | 4.677 | 5.900 | 6.752 | 6.116 | 4.680 | 4.032 |
| 66.0 | 6.809 | 6.108 | 4.919 | 3.614 | 4.282 | 5.630 | 6.502 | 5.819 | 4.293 | 3.534 |
| 69.0 | 6.553 | 5.810 | 4.552 | 3.115 | 3.907 | 5.367 | 6.281 | 5.569 | 3.925 | 3.035 |
| 72.0 | 6.290 | 5.540 | 4.171 | 2.603 | 3.554 | 5.097 | 6.031 | 5.299 | 3.545 | 2.536 |
| 75.0 | 6.033 | 5.263 | 3.824 | 2.097 | 3.215 | 4.841 | 5.769 | 5.036 | 3.206 | 2.058 |
| 78.0 | 5.763 | 4.993 | 3.554 | 1.612 | 2.910 | 4.591 | 5.526 | 4.787 | 2.908 | 1.601 |
| 81.0 | 5.500 | 4.716 | 3.311 | 1.128 | 2.633 | 4.328 | 5.270 | 4.537 | 2.631 | 1.165 |
| 84.0 | 5.210 | 4.452 | 3.055 | 0.7192 | 2.370 | 4.078 | 5.027 | 4.260 | 2.375 | 0.7976 |
| 87.0 | 4.918 | 4.162 | 2.813 | 0.4082 | 2.148 | 3.809 | 4.729 | 4.004 | 2.146 | 0.5408 |
| 90.0 | 4.614 | 3.878 | 2.584 | 0.2840 | 1.926 | 3.546 | 4.446 | 3.734 | 1.945 | 0.4296 |
| 93.0 | 4.316 | 3.601 | 2.376 | 0.2840 | 1.739 | 3.296 | 4.161 | 3.484 | 1.759 | 0.4018 |
| 96.0 | 4.025 | 3.331 | 2.189 | 0.2840 | 1.573 | 3.047 | 3.898 | 3.228 | 1.599 | 0.3880 |
| 99.0 | 3.748 | 3.074 | 1.947 | 0.2839 | 1.441 | 2.825 | 3.621 | 3.006 | 1.468 | 0.3809 |
| 102.0 | 3.484 | 2.839 | 1.677 | 0.2770 | 1.351 | 2.611 | 3.372 | 2.785 | 1.357 | 0.3533 |
| 105.0 | 3.214 | 2.548 | 1.531 | 0.2770 | 1.254 | 2.410 | 3.150 | 2.577 | 1.267 | 0.3463 |
| 108.0 | 2.938 | 2.195 | 1.337 | 0.2770 | 1.185 | 2.250 | 2.901 | 2.404 | 1.184 | 0.3463 |
| 111.0 | 2.598 | 1.960 | 1.213 | 0.2772 | 1.115 | 2.098 | 2.728 | 2.244 | 1.115 | 0.3255 |
| 114.0 | 2.418 | 1.828 | 0.9079 | 0.3395 | 1.046 | 1.960 | 2.500 | 2.113 | 1.046 | 0.3255 |
| 117.0 | 2.259 | 1.585 | 0.7838 | 0.3809 | 0.9768 | 1.842 | 2.320 | 1.988 | 0.9762 | 0.3255 |
| 120.0 | 2.127 | 1.496 | 0.7688 | 0.3809 | 0.9144 | 1.704 | 2.153 | 1.850 | 0.9484 | 0.3186 |
| 123.0 | 1.988 | 1.420 | 0.7345 | 0.3877 | 0.8590 | 1.593 | 2.029 | 1.725 | 0.8517 | 0.3116 |
| 126.0 | 1.732 | 1.337 | 0.5895 | 0.3462 | 0.7967 | 1.489 | 1.883 | 1.607 | 0.8167 | 0.2978 |
| 129.0 | 1.628 | 1.281 | 0.4988 | 0.2906 | 0.7276 | 1.357 | 1.738 | 1.483 | 0.7340 | 0.2840 |
| 132.0 | 1.504 | 1.163 | 0.4918 | 0.1939 | 0.6583 | 1.274 | 1.599 | 1.372 | 0.6647 | 0.2770 |
| 135.0 | 1.358 | 0.9692 | 0.4573 | 0.1939 | 0.6028 | 1.156 | 1.481 | 1.261 | 0.6094 | 0.2564 |
| 138.0 | 1.254 | 0.8380 | 0.4294 | 0.1939 | 0.5611 | 1.059 | 1.384 | 1.157 | 0.5331 | 0.2563 |
| 141.0 | 1.178 | 0.7269 | 0.3880 | 0.1939 | 0.5195 | 0.9486 | 1.212 | 1.046 | 0.4981 | 0.2493 |
| 144.0 | 1.060 | 0.6231 | 0.3604 | 0.1939 | 0.4711 | 0.8448 | 1.094 | 0.9561 | 0.4154 | 0.2356 |
| 147.0 | 0.9631 | 0.5120 | 0.3396 | 0.1939 | 0.4226 | 0.7341 | 0.9486 | 0.8384 | 0.3809 | 0.2217 |
| 150.0 | 0.8798 | 0.4155 | 0.3187 | 0.1939 | 0.3673 | 0.6576 | 0.8380 | 0.7343 | 0.3253 | 0.1940 |
| 153.0 | 0.7693 | 0.4084 | 0.2980 | 0.1939 | 0.3187 | 0.5538 | 0.7271 | 0.6583 | 0.2839 | 0.1871 |
| 156.0 | 0.6100 | 0.3185 | 0.2703 | 0.1939 | 0.2841 | 0.4914 | 0.6301 | 0.5820 | 0.2421 | 0.1870 |
| 159.0 | 0.5266 | 0.2839 | 0.2633 | 0.1939 | 0.2632 | 0.4086 | 0.5331 | 0.5127 | 0.2008 | 0.1801 |
| 162.0 | 0.4712 | 0.2629 | 0.2495 | 0.1939 | 0.2423 | 0.3114 | 0.4567 | 0.4435 | 0.1939 | 0.1731 |
| 165.0 | 0.3952 | 0.2078 | 0.2424 | 0.1940 | 0.2148 | 0.2629 | 0.3733 | 0.3465 | 0.1939 | 0.1731 |
| 168.0 | 0.3258 | 0.2078 | 0.2356 | 0.2008 | 0.2008 | 0.2008 | 0.2903 | 0.2980 | 0.1939 | 0.1731 |
| 171.0 | 0.2356 | 0.2078 | 0.2148 | 0.2008 | 0.2008 | 0.1939 | 0.1939 | 0.2426 | 0.2008 | 0.1731 |
| 174.0 | 0.2147 | 0.2078 | 0.2078 | 0.2008 | 0.2008 | 0.1939 | 0.1939 | 0.2285 | 0.2078 | 0.1801 |
| 177.0 | 0.2147 | 0.2078 | 0.2078 | 0.2008 | 0.2008 | 0.1939 | 0.1939 | 0.2078 | 0.2078 | 0.1801 |
| 180.0 | 0.2008 | 0.2008 | 0.1939 | 0.2008 | 0.2008 | 0.1939 | 0.1939 | 0.2078 | 0.2078 | 0.1870 |
| G/C | 300.0 | 330.0 | | | | | | | | |
| 0.0 | 10.20 | 10.14 | | | | | | | | |
| 3.0 | 10.19 | 10.14 | | | | | | | | |
| 6.0 | 10.16 | 10.17 | | | | | | | | |
| 9.0 | 10.08 | 10.17 | | | | | | | | |
| 12.0 | 10.01 | 10.10 | | | | | | | | |
| 15.0 | 9.889 | 10.02 | | | | | | | | |
| 18.0 | 9.723 | 9.897 | | | | | | | | |
| 21.0 | 9.557 | 9.766 | | | | | | | | |
| 24.0 | 9.349 | 9.607 | | | | | | | | |
| 27.0 | 9.141 | 9.454 | | | | | | | | |
| 30.0 | 8.892 | 9.281 | | | | | | | | |

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: WFW
 Test Date: 2023-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 10.800m [K=1.0000]
 Remarks:

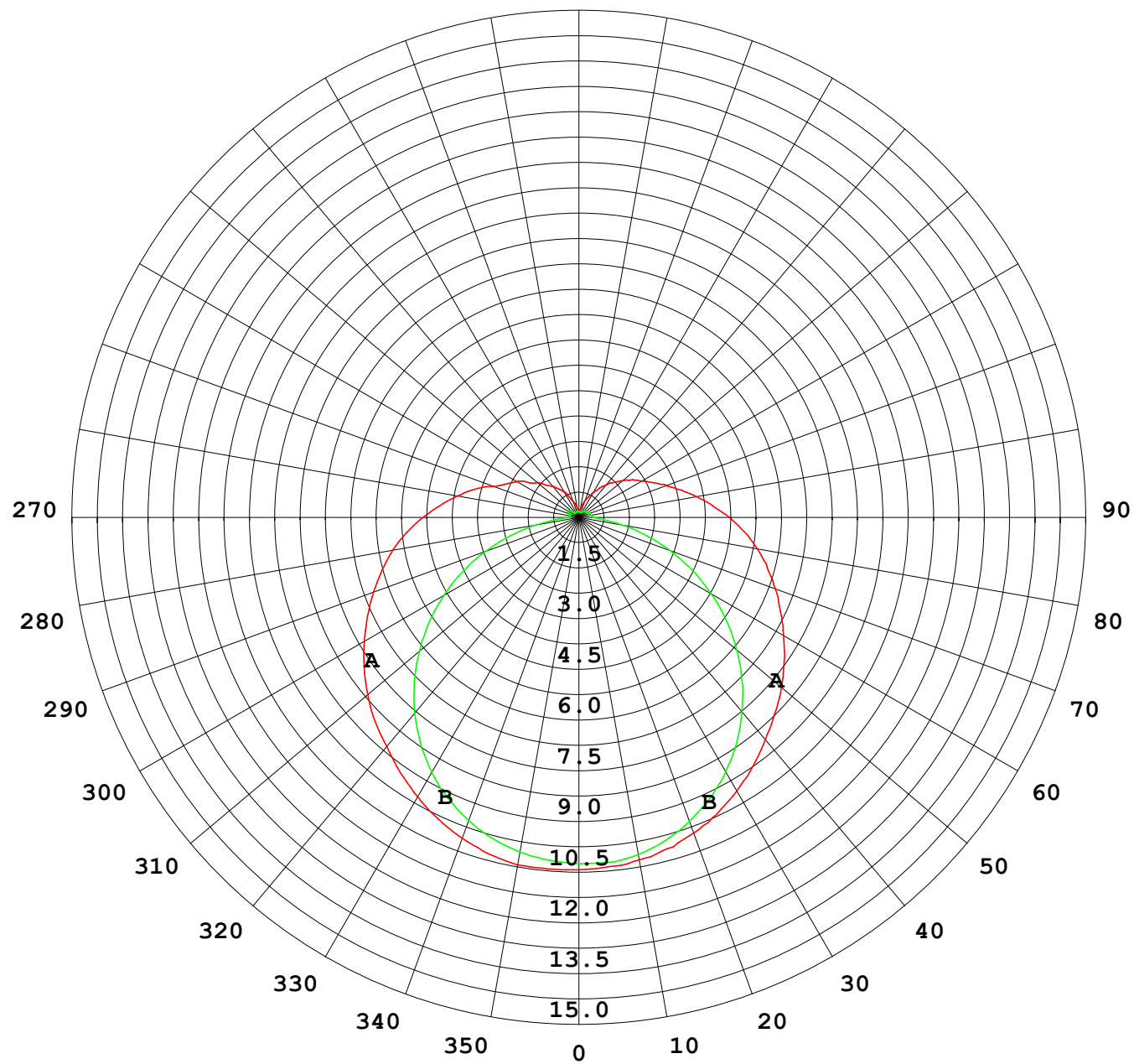
Photometric Data Table [cd]

| | | |
|-------|--------|--------|
| 33.0 | 8.601 | 9.073 |
| 36.0 | 8.296 | 8.859 |
| 39.0 | 7.977 | 8.582 |
| 42.0 | 7.638 | 8.208 |
| 45.0 | 7.285 | 7.931 |
| 48.0 | 6.924 | 7.688 |
| 51.0 | 6.550 | 7.432 |
| 54.0 | 6.163 | 7.169 |
| 57.0 | 5.795 | 6.892 |
| 60.0 | 5.408 | 6.601 |
| 63.0 | 5.047 | 6.324 |
| 66.0 | 4.688 | 6.033 |
| 69.0 | 4.334 | 5.770 |
| 72.0 | 3.974 | 5.493 |
| 75.0 | 3.642 | 5.237 |
| 78.0 | 3.337 | 4.974 |
| 81.0 | 3.046 | 4.710 |
| 84.0 | 2.811 | 4.447 |
| 87.0 | 2.562 | 4.170 |
| 90.0 | 2.354 | 3.900 |
| 93.0 | 2.139 | 3.609 |
| 96.0 | 1.987 | 3.367 |
| 99.0 | 1.731 | 3.110 |
| 102.0 | 1.537 | 2.875 |
| 105.0 | 1.406 | 2.605 |
| 108.0 | 1.302 | 2.342 |
| 111.0 | 1.267 | 2.154 |
| 114.0 | 1.163 | 1.995 |
| 117.0 | 1.066 | 1.829 |
| 120.0 | 0.9835 | 1.663 |
| 123.0 | 0.9418 | 1.579 |
| 126.0 | 0.8723 | 1.469 |
| 129.0 | 0.8307 | 1.344 |
| 132.0 | 0.7341 | 1.247 |
| 135.0 | 0.6714 | 1.109 |
| 138.0 | 0.5881 | 0.9769 |
| 141.0 | 0.5052 | 0.8521 |
| 144.0 | 0.4015 | 0.7553 |
| 147.0 | 0.3117 | 0.6099 |
| 150.0 | 0.2770 | 0.5472 |
| 153.0 | 0.2834 | 0.5128 |
| 156.0 | 0.2077 | 0.4710 |
| 159.0 | 0.1939 | 0.4294 |
| 162.0 | 0.1939 | 0.3603 |
| 165.0 | 0.1939 | 0.2979 |
| 168.0 | 0.1939 | 0.2770 |
| 171.0 | 0.1939 | 0.2563 |
| 174.0 | 0.1939 | 0.2217 |
| 177.0 | 0.1939 | 0.2078 |
| 180.0 | 0.1939 | 0.1939 |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-03-04

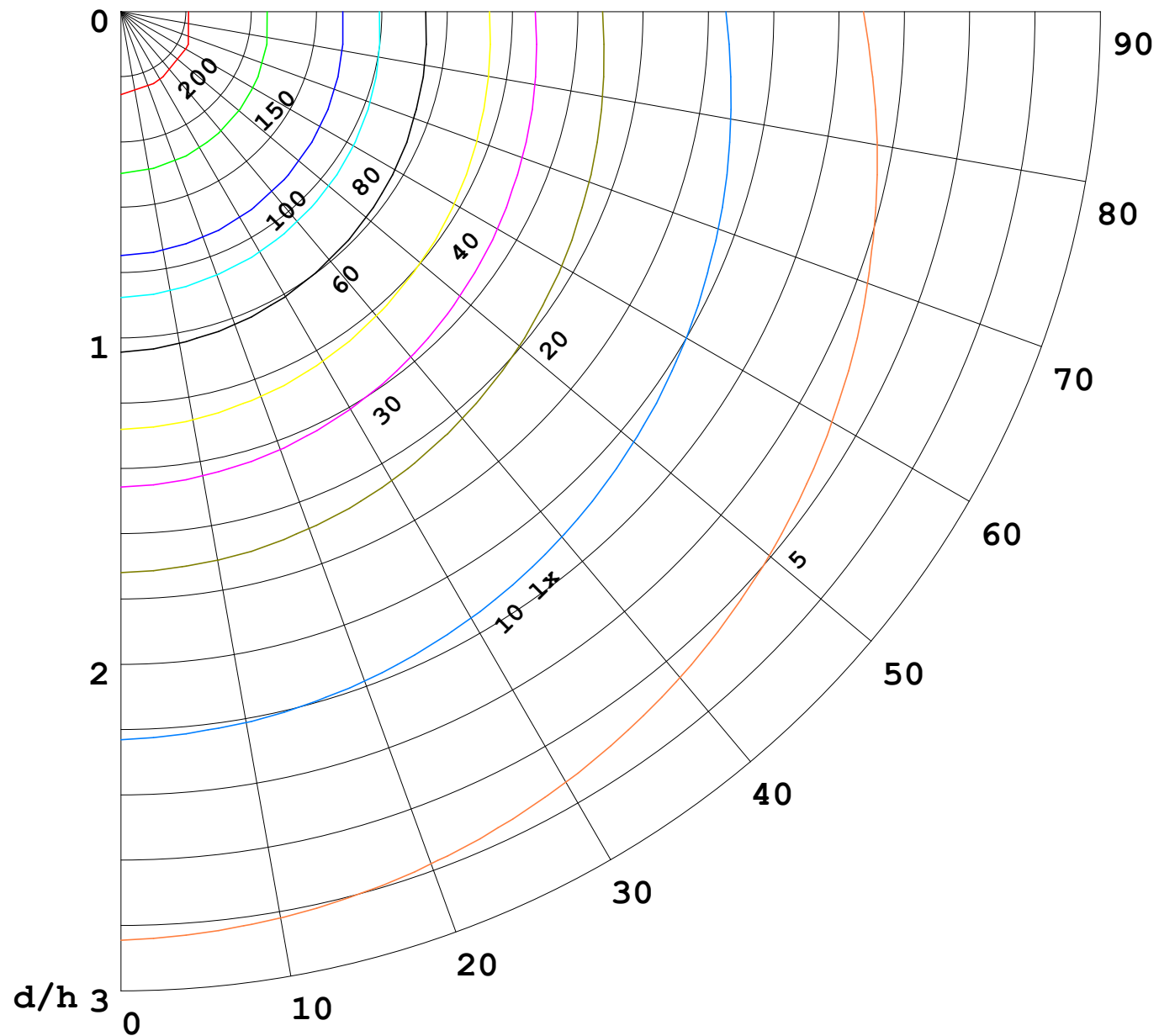
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.800m [K=1.0000]
Remarks:

I (cd)



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 |

