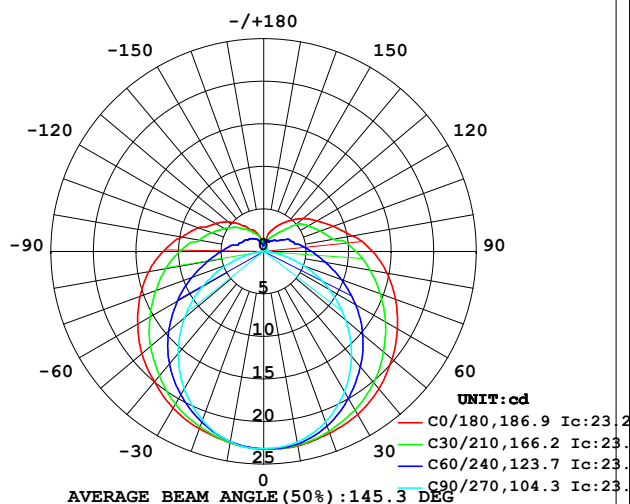


LUMINAIRE PHOTOMETRIC TEST REPORT

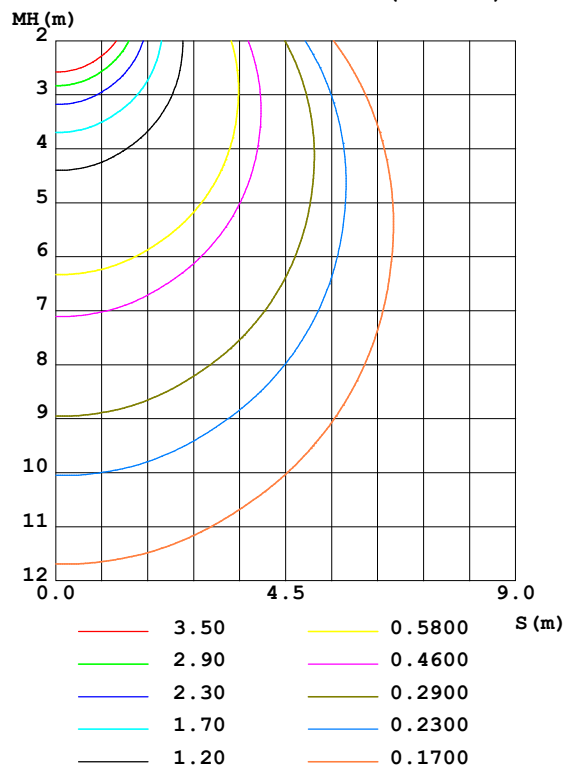
| | | |
|---|-------------------|-----------------------|
| Test:U:24.00V I:0.3197A P:7.673W PF:1.000 Freq:50.00Hz Lamp Flux:114.612x1 lm | | |
| NAME: SF21-24V-5050-70-DMX4-RGBW(3000)-G | TYPE: 硅胶 | WEIGHT: |
| SPEC.: | DIM.: 28mm*11.5mm | SERIAL No.:2021121608 |
| MFR.: OLYMPIA | SUR.:1*0.016 | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 14.94 lm/W | | | |
|------------------|---------|----------------------------------|---------|-------------------|-----------|
| MODEL | 5050 | I _{max} (cd) | 23.27 | S/MH (C0/180) | 1.37 |
| NOMINAL POWER(W) | 4.5 | LOR(%) | 100.0 | S/MH (C90/270) | 1.20 |
| RATED VOLTAGE(V) | 24 | TOTAL FLUX(lm) | 114.61 | η UP,DN(C0-180) | 11.2,39.3 |
| NOMINAL FLUX(lm) | 114.612 | CIE CLASS | SEMI-D. | η UP,DN(C180-360) | 11.0,38.5 |
| LAMPS INSIDE | 1 | η up (%) | 22.2 | CIBSE SHR NOM | 1.50 |
| TEST VOLTAGE(V) | 24 | η down (%) | 77.8 | CIBSE SHR MAX | 1.55 |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT: lx)

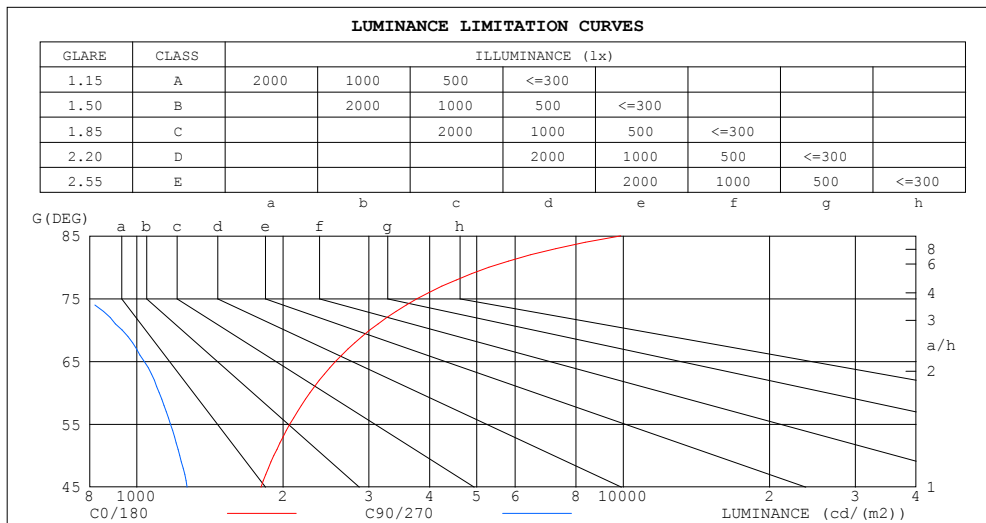


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LPC
Test Date: 2021-12-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 9.200m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|---|-------------------|-----------------------|
| Test:U:24.00V I:0.3197A P:7.673W PF:1.000 Freq:50.00Hz Lamp Flux:114.612x1 lm | | |
| NAME: SF21-24V-5050-70-DMX4-RGBW(3000) -G | TYPE: 硅胶 | WEIGHT: |
| SPEC.: | DIM.: 28mm*11.5mm | SERIAL No.:2021121608 |
| MFR.: OLYMPIA | SUR.:1*0.016 | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 9887 | 302 |
| 80 | 5299 | 578 |
| 75 | 3772 | 783 |
| 70 | 3014 | 932 |
| 65 | 2562 | 1036 |
| 60 | 2271 | 1113 |
| 55 | 2065 | 1173 |
| 50 | 1914 | 1226 |
| 45 | 1802 | 1270 |

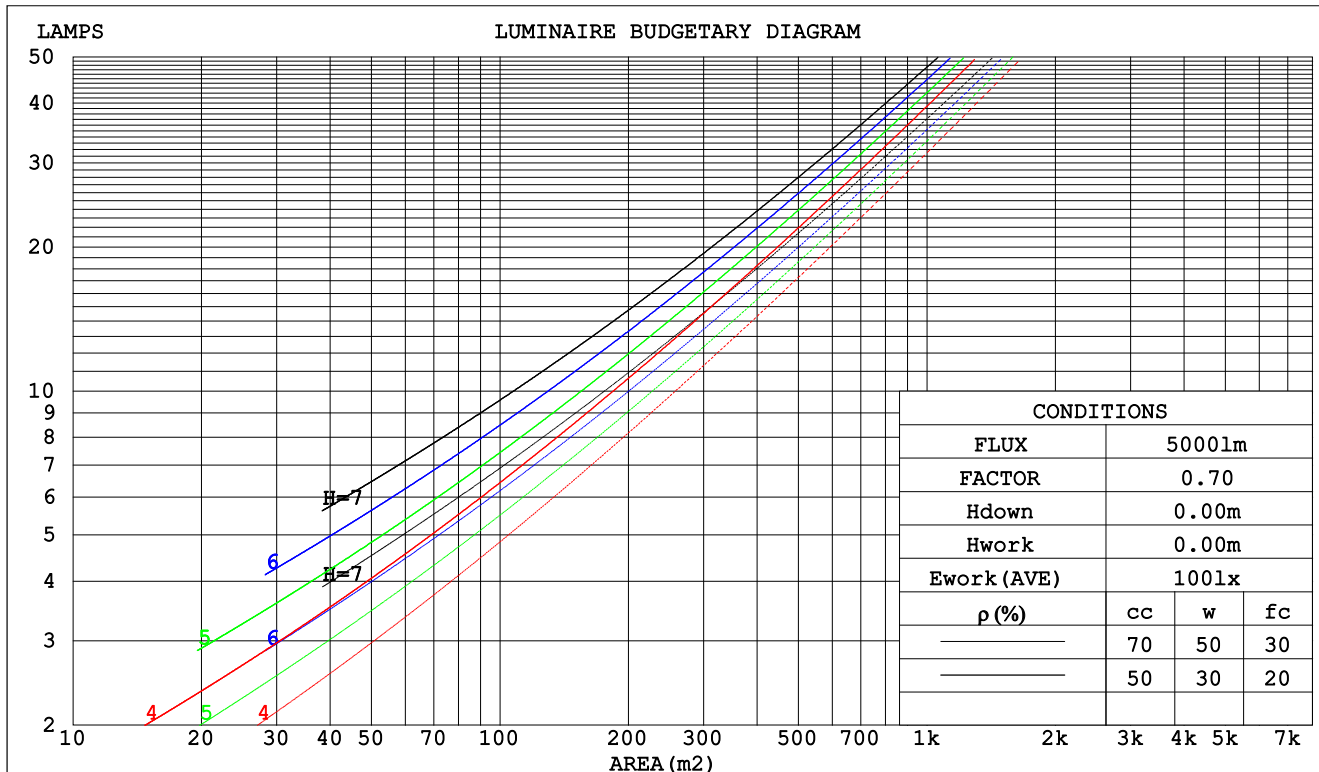
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|---|-------------------|-----------------------|
| Test:U:24.00V I:0.3197A P:7.673W PF:1.000 Freq:50.00Hz Lamp Flux:114.612x1 lm | | |
| NAME: SF21-24V-5050-70-DMX4-RGBW(3000) -G | TYPE: 硅胶 | WEIGHT: |
| SPEC.: | DIM.: 28mm*11.5mm | SERIAL No.:2021121608 |
| MFR.: OLYMPIA | SUR.:1*0.016 | Shielding Angle: |

| pcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|------|------|------|---------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| pw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| pfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Coefficients of Utilization(CU) | | | | | | | | | |
| 0.0 | 1.14 | 1.14 | 1.14 | 1.09 | 1.09 | 1.09 | .99 | .99 | .99 | .90 | .90 | .90 | .82 | .82 | .82 | .78 |
| 1.0 | .95 | .89 | .84 | .90 | .85 | .81 | .82 | .78 | .74 | .74 | .71 | .68 | .67 | .64 | .62 | .58 |
| 2.0 | .81 | .73 | .66 | .77 | .70 | .64 | .70 | .64 | .59 | .63 | .58 | .54 | .57 | .53 | .50 | .46 |
| 3.0 | .70 | .61 | .54 | .67 | .59 | .52 | .60 | .54 | .48 | .55 | .49 | .45 | .49 | .45 | .41 | .38 |
| 4.0 | .61 | .52 | .45 | .59 | .50 | .43 | .53 | .46 | .40 | .48 | .42 | .37 | .44 | .39 | .35 | .32 |
| 5.0 | .55 | .45 | .38 | .52 | .43 | .37 | .47 | .40 | .34 | .43 | .37 | .32 | .39 | .34 | .30 | .27 |
| 6.0 | .49 | .39 | .33 | .47 | .38 | .32 | .43 | .35 | .30 | .39 | .32 | .28 | .35 | .30 | .26 | .23 |
| 7.0 | .44 | .35 | .29 | .42 | .34 | .28 | .39 | .31 | .26 | .35 | .29 | .24 | .32 | .27 | .23 | .20 |
| 8.0 | .40 | .31 | .25 | .38 | .30 | .25 | .35 | .28 | .23 | .32 | .26 | .22 | .29 | .24 | .20 | .18 |
| 9.0 | .36 | .28 | .23 | .35 | .27 | .22 | .32 | .25 | .21 | .30 | .24 | .19 | .27 | .22 | .18 | .16 |
| 10.0 | .34 | .26 | .20 | .32 | .25 | .20 | .30 | .23 | .19 | .27 | .22 | .17 | .25 | .20 | .16 | .14 |



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LPC
 Test Date:2021-12-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:9.200m [K=1.0000]
 Remarks:

WEC AND CCEC

| | | |
|---|-------------------|-----------------------|
| Test:U:24.00V I:0.3197A P:7.673W PF:1.000 Freq:50.00Hz Lamp Flux:114.612x1 lm | | |
| NAME: SF21-24V-5050-70-DMX4-RGBW(3000) -G | TYPE: 硅胶 | WEIGHT: |
| SPEC.: | DIM.: 28mm*11.5mm | SERIAL No.:2021121608 |
| MFR.: OLYMPIA | SUR.:1*0.016 | Shielding Angle: |

| pcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 | |
|------|-----------------------|------|------|------|------|------|--------------------------------|------|------|------|------|------|------|------|------|---|--|
| pw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 | |
| pfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 | |
| RCR | RCR:Room Cavity Ratio | | | | | | Wall Exitance Coeffcients(WEC) | | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | | |
| 1.0 | .387 | .220 | .070 | .373 | .213 | .068 | .347 | .199 | .064 | .323 | .186 | .060 | .300 | .174 | .056 | | |
| 2.0 | .333 | .183 | .056 | .321 | .177 | .054 | .297 | .165 | .051 | .275 | .154 | .048 | .255 | .144 | .045 | | |
| 3.0 | .295 | .157 | .047 | .284 | .152 | .046 | .262 | .142 | .043 | .242 | .133 | .041 | .224 | .124 | .038 | | |
| 4.0 | .265 | .138 | .041 | .255 | .134 | .039 | .236 | .125 | .037 | .217 | .117 | .035 | .201 | .109 | .033 | | |
| 5.0 | .241 | .123 | .036 | .232 | .119 | .035 | .214 | .111 | .033 | .197 | .104 | .031 | .182 | .097 | .029 | | |
| 6.0 | .221 | .111 | .032 | .212 | .107 | .031 | .196 | .100 | .029 | .181 | .094 | .028 | .167 | .088 | .026 | | |
| 7.0 | .204 | .101 | .029 | .196 | .098 | .028 | .181 | .091 | .026 | .167 | .086 | .025 | .154 | .080 | .023 | | |
| 8.0 | .189 | .092 | .026 | .182 | .089 | .025 | .168 | .084 | .024 | .155 | .078 | .023 | .143 | .073 | .021 | | |
| 9.0 | .176 | .085 | .024 | .169 | .082 | .023 | .157 | .077 | .022 | .145 | .072 | .021 | .133 | .068 | .020 | | |
| 10.0 | .165 | .079 | .022 | .158 | .077 | .021 | .147 | .072 | .020 | .136 | .067 | .019 | .125 | .063 | .018 | | |

| 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 | .360 | .360 | .360 | .307 | .307 | .307 | .210 | .210 | .210 | .121 | .121 | .121 | .039 | .039 | .039 | |
| 1.0 | .356 | .326 | .299 | .305 | .280 | .257 | .208 | .193 | .178 | .120 | .111 | .103 | .038 | .036 | .033 | |
| 2.0 | .349 | .303 | .265 | .299 | .261 | .229 | .205 | .181 | .160 | .118 | .105 | .094 | .038 | .034 | .030 | |
| 3.0 | .342 | .287 | .243 | .293 | .248 | .211 | .201 | .172 | .148 | .116 | .100 | .087 | .037 | .033 | .029 | |
| 4.0 | .334 | .275 | .229 | .287 | .237 | .199 | .197 | .165 | .140 | .114 | .097 | .083 | .037 | .032 | .027 | |
| 5.0 | .327 | .265 | .220 | .281 | .229 | .191 | .193 | .160 | .135 | .112 | .094 | .080 | .036 | .031 | .026 | |
| 6.0 | .319 | .257 | .213 | .274 | .223 | .185 | .189 | .156 | .131 | .110 | .092 | .078 | .035 | .030 | .026 | |
| 7.0 | .312 | .251 | .207 | .269 | .217 | .181 | .186 | .152 | .128 | .108 | .090 | .076 | .035 | .029 | .025 | |
| 8.0 | .306 | .245 | .204 | .263 | .213 | .178 | .182 | .149 | .126 | .106 | .088 | .075 | .034 | .029 | .025 | |
| 9.0 | .299 | .240 | .201 | .258 | .209 | .175 | .179 | .147 | .124 | .104 | .087 | .074 | .034 | .028 | .025 | |
| 10.0 | .293 | .236 | .198 | .253 | .205 | .173 | .176 | .144 | .123 | .102 | .085 | .073 | .033 | .028 | .024 | |

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LPC
 Test Date:2021-12-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:9.200m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

| | | |
|---|-------------------|-----------------------|
| Test:U:24.00V I:0.3197A P:7.673W PF:1.000 Freq:50.00Hz Lamp Flux:114.612x1 lm | | |
| NAME: SF21-24V-5050-70-DMX4-RGBW(3000) -G | TYPE: 硅胶 | WEIGHT: |
| SPEC.: | DIM.: 28mm*11.5mm | SERIAL No.:2021121608 |
| MFR.: OLYMPIA | SUR.:1*0.016 | Shielding Angle: |

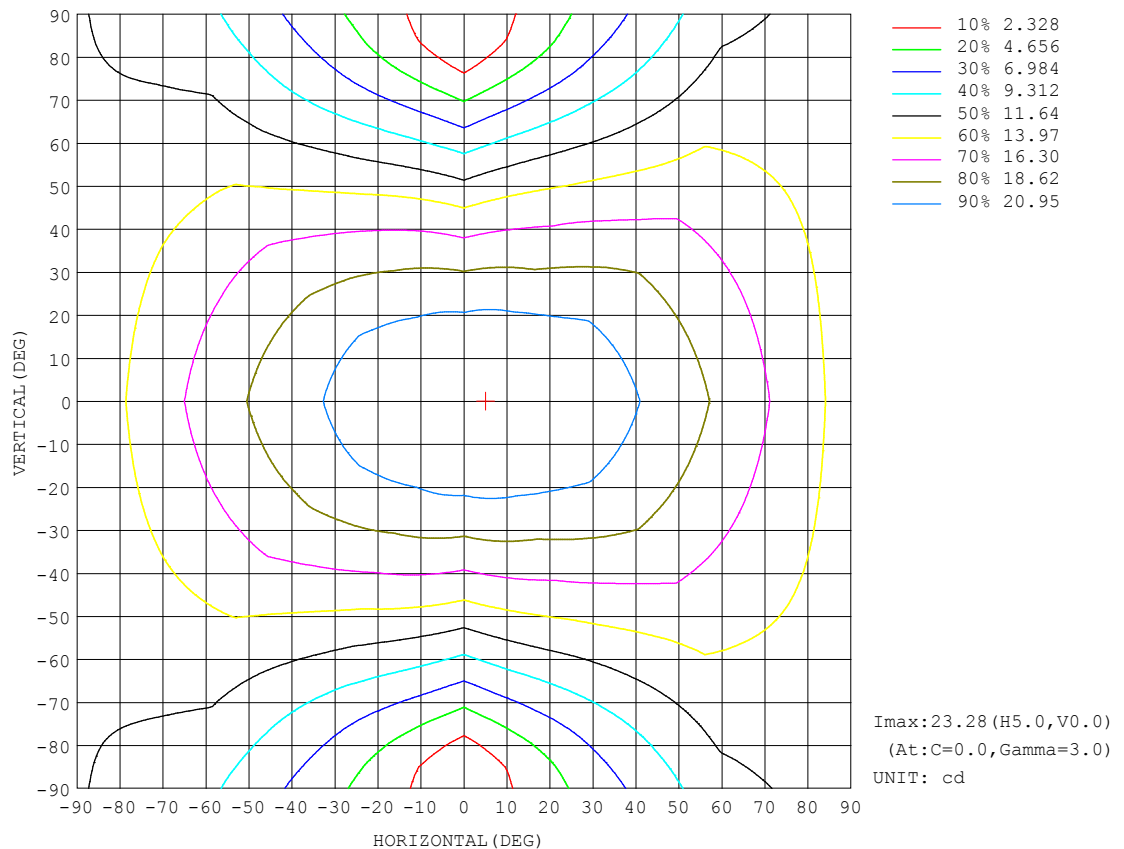
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 46 | 34 | 27 | 45 | 33 | 26 | 43 | 32 | 26 | 19 |
| 0.80 | 55 | 42 | 34 | 54 | 42 | 34 | 51 | 40 | 33 | 25 |
| 1.00 | 63 | 50 | 42 | 61 | 49 | 41 | 57 | 49 | 40 | 30 |
| 1.25 | 70 | 57 | 49 | 67 | 56 | 48 | 63 | 53 | 46 | 36 |
| 1.50 | 75 | 63 | 54 | 72 | 61 | 53 | 67 | 57 | 50 | 39 |
| 2.00 | 82 | 71 | 63 | 79 | 69 | 61 | 73 | 64 | 58 | 45 |
| 2.50 | 87 | 77 | 68 | 83 | 74 | 66 | 76 | 69 | 63 | 49 |
| 3.00 | 91 | 81 | 74 | 87 | 78 | 71 | 79 | 73 | 67 | 52 |
| 4.00 | 96 | 87 | 81 | 91 | 84 | 78 | 83 | 78 | 73 | 57 |
| 5.00 | 99 | 91 | 85 | 94 | 88 | 82 | 86 | 81 | 76 | 60 |
| 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:LPC
Test Date:2021-12-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

| | | |
|---|-------------------|-----------------------|
| Test:U:24.00V I:0.3197A P:7.673W PF:1.000 Freq:50.00Hz Lamp Flux:114.612x1 lm | | |
| NAME: SF21-24V-5050-70-DMX4-RGBW(3000)-G | TYPE:硅胶 | WEIGHT: |
| SPEC.: | DIM.: 28mm*11.5mm | SERIAL No.:2021121608 |
| MFR.: OLYMPIA | SUR.:1*0.016 | Shielding Angle: |



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-16

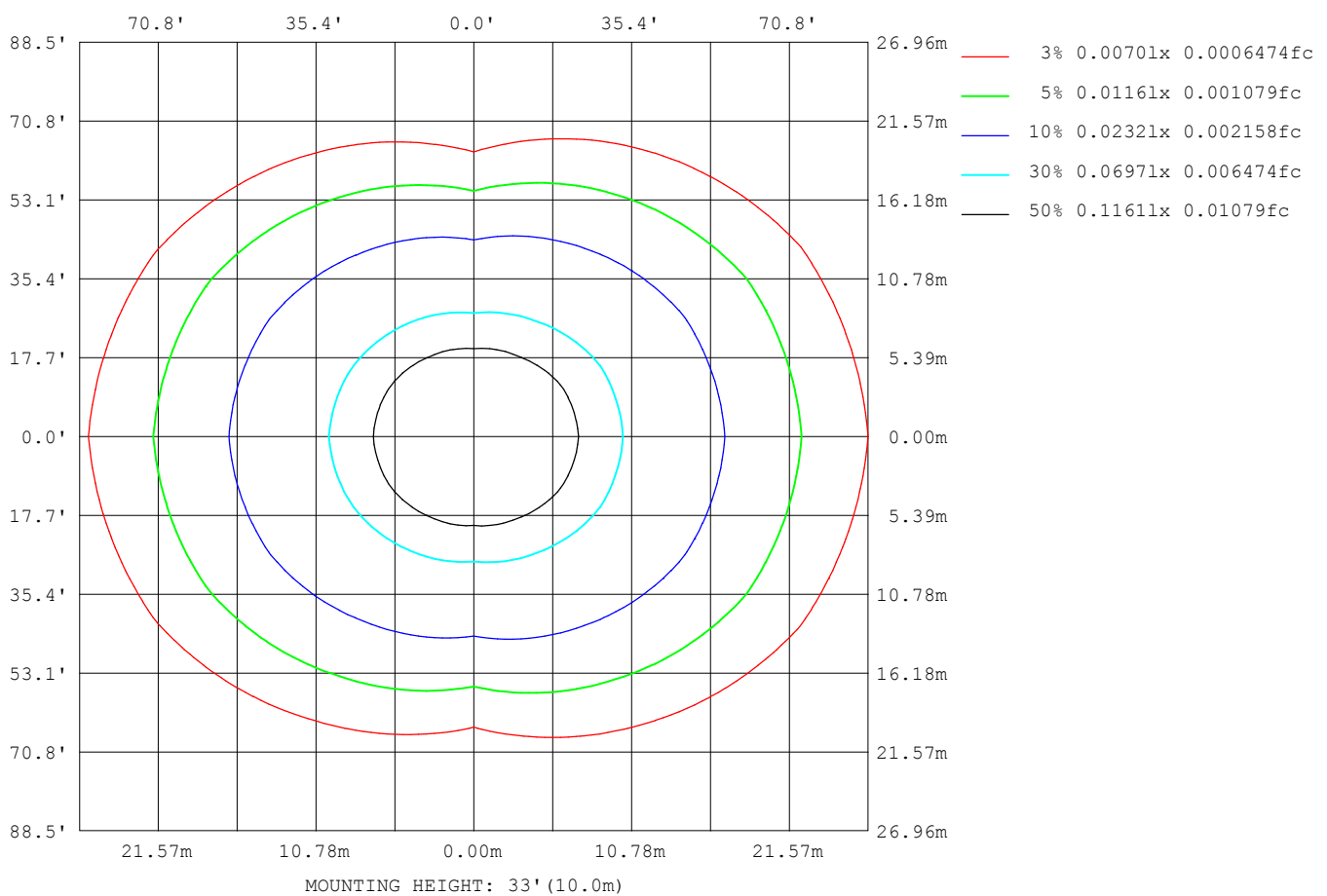
```

Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

```


ISOLUX DIAGRAM

| | | |
|---|-------------------|-----------------------|
| Test:U:24.00V I:0.3197A P:7.673W PF:1.000 Freq:50.00Hz Lamp Flux:114.612x1 lm | | |
| NAME: SF21-24V-5050-70-DMX4-RGBW(3000)-G | TYPE:硅胶 | WEIGHT: |
| SPEC.: | DIM.: 28mm*11.5mm | SERIAL No.:2021121608 |
| MFR.: OLYMPIA | SUR.:1*0.016 | Shielding Angle: |



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-16

```

Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

```


LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---|-------------------|-----------------------|
| Test:U:24.00V I:0.3197A P:7.673W PF:1.000 Freq:50.00Hz Lamp Flux:114.612x1 lm | | |
| NAME: SF21-24V-5050-70-DMX4-RGBW(3000) -G | TYPE: 硅胶 | WEIGHT: |
| SPEC.: | DIM.: 28mm*11.5mm | SERIAL No.:2021121608 |
| MFR.: OLYMPIA | SUR.:1*0.016 | Shielding Angle: |

Table--1

UNIT: cd

| C (DEG) γ (DEG) | 0 | 30 | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 | 330 | | | | | | |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|
| 0 | 23.2 | 23.3 | 23.2 | 23.2 | 23.2 | 23.2 | 23.2 | 23.3 | 23.2 | 23.2 | 23.2 | 23.2 | | | | | | |
| 5 | 23.3 | 23.2 | 23.2 | 23.1 | 23.1 | 23.0 | 23.1 | 23.1 | 23.0 | 23.1 | 23.1 | 23.2 | | | | | | |
| 10 | 23.2 | 23.1 | 23.0 | 22.8 | 22.7 | 22.8 | 22.8 | 22.8 | 22.7 | 22.7 | 22.9 | 23.2 | | | | | | |
| 15 | 23.0 | 22.9 | 22.5 | 22.1 | 22.2 | 22.3 | 22.5 | 22.4 | 22.1 | 22.0 | 22.3 | 22.9 | | | | | | |
| 20 | 22.7 | 22.5 | 21.8 | 21.3 | 21.4 | 21.9 | 22.2 | 21.9 | 21.3 | 21.1 | 21.6 | 22.4 | | | | | | |
| 25 | 22.5 | 22.0 | 21.0 | 20.2 | 20.5 | 21.4 | 21.8 | 21.4 | 20.5 | 20.0 | 20.7 | 21.9 | | | | | | |
| 30 | 22.1 | 21.5 | 19.9 | 19.0 | 19.6 | 20.7 | 21.3 | 20.7 | 19.5 | 18.7 | 19.6 | 21.4 | | | | | | |
| 35 | 21.7 | 20.9 | 18.8 | 17.6 | 18.5 | 19.9 | 20.7 | 19.9 | 18.4 | 17.2 | 18.5 | 20.8 | | | | | | |
| 40 | 21.1 | 20.1 | 17.7 | 16.0 | 17.3 | 19.1 | 20.0 | 19.1 | 17.2 | 15.6 | 17.4 | 20.1 | | | | | | |
| 45 | 20.4 | 19.3 | 16.5 | 14.4 | 16.0 | 18.2 | 19.4 | 18.2 | 16.0 | 13.9 | 16.3 | 19.3 | | | | | | |
| 50 | 19.7 | 18.4 | 15.2 | 12.6 | 14.6 | 17.3 | 18.7 | 17.4 | 14.6 | 12.1 | 15.0 | 18.4 | | | | | | |
| 55 | 18.9 | 17.5 | 13.9 | 10.8 | 13.2 | 16.4 | 17.9 | 16.4 | 13.1 | 10.3 | 13.7 | 17.5 | | | | | | |
| 60 | 18.2 | 16.5 | 12.5 | 8.90 | 11.8 | 15.4 | 17.1 | 15.4 | 11.7 | 8.35 | 12.3 | 16.6 | | | | | | |
| 65 | 17.3 | 15.6 | 11.1 | 7.00 | 10.4 | 14.5 | 16.3 | 14.5 | 10.4 | 6.43 | 11.0 | 15.6 | | | | | | |
| 70 | 16.5 | 14.6 | 9.74 | 5.10 | 9.09 | 13.5 | 15.5 | 13.5 | 9.02 | 4.53 | 9.64 | 14.6 | | | | | | |
| 75 | 15.6 | 13.6 | 8.48 | 3.24 | 7.85 | 12.6 | 14.6 | 12.6 | 7.75 | 2.74 | 8.38 | 13.7 | | | | | | |
| 80 | 14.7 | 12.7 | 7.34 | 1.61 | 6.77 | 11.7 | 13.7 | 11.7 | 6.66 | 1.22 | 7.24 | 12.8 | | | | | | |
| 85 | 13.8 | 11.8 | 6.41 | 0.42 | 5.90 | 10.8 | 12.8 | 10.8 | 5.77 | 0.26 | 6.31 | 11.9 | | | | | | |
| 90 | 12.8 | 10.9 | 5.66 | 0.33 | 5.15 | 9.86 | 11.8 | 9.87 | 5.01 | 0.19 | 5.53 | 10.9 | | | | | | |
| 95 | 11.8 | 9.99 | 4.97 | 0.32 | 4.58 | 9.03 | 10.9 | 9.03 | 4.43 | 0.20 | 4.89 | 10.0 | | | | | | |
| 100 | 10.5 | 8.26 | 4.41 | 0.35 | 4.17 | 7.60 | 9.77 | 7.64 | 3.98 | 0.20 | 4.39 | 8.41 | | | | | | |
| 105 | 9.56 | 7.66 | 3.77 | 0.36 | 3.18 | 7.14 | 8.96 | 7.11 | 3.12 | 0.21 | 3.73 | 7.84 | | | | | | |
| 110 | 8.69 | 7.08 | 3.53 | 0.37 | 3.03 | 6.34 | 8.17 | 6.40 | 2.97 | 0.22 | 3.59 | 7.21 | | | | | | |
| 115 | 7.91 | 6.55 | 3.32 | 0.38 | 2.88 | 5.75 | 7.14 | 5.93 | 2.73 | 0.22 | 3.17 | 6.62 | | | | | | |
| 120 | 7.23 | 6.08 | 2.79 | 0.40 | 2.76 | 5.30 | 6.58 | 5.40 | 2.63 | 0.24 | 2.85 | 6.13 | | | | | | |
| 125 | 6.64 | 5.62 | 2.32 | 0.41 | 2.55 | 4.92 | 6.00 | 4.90 | 2.39 | 0.28 | 2.56 | 5.65 | | | | | | |
| 130 | 6.05 | 4.87 | 2.01 | 0.42 | 2.34 | 4.48 | 5.44 | 4.46 | 2.26 | 0.28 | 2.37 | 5.07 | | | | | | |
| 135 | 5.39 | 3.75 | 1.87 | 0.43 | 2.24 | 4.01 | 4.83 | 3.89 | 2.14 | 0.30 | 2.03 | 4.05 | | | | | | |
| 140 | 4.74 | 3.02 | 1.68 | 0.44 | 2.04 | 3.53 | 4.07 | 3.44 | 1.97 | 0.32 | 1.80 | 3.42 | | | | | | |
| 145 | 4.14 | 2.46 | 1.53 | 0.46 | 1.87 | 3.09 | 3.52 | 3.11 | 1.83 | 0.36 | 1.60 | 2.80 | | | | | | |
| 150 | 3.61 | 2.08 | 1.31 | 0.48 | 1.74 | 2.71 | 2.92 | 2.62 | 1.71 | 0.38 | 1.41 | 2.36 | | | | | | |
| 155 | 3.12 | 1.75 | 1.34 | 0.48 | 1.55 | 2.33 | 2.73 | 2.34 | 1.50 | 0.40 | 1.41 | 1.97 | | | | | | |
| 160 | 2.62 | 1.43 | 1.44 | 0.48 | 1.29 | 1.94 | 2.25 | 2.05 | 1.23 | 0.43 | 1.35 | 1.58 | | | | | | |
| 165 | 2.15 | 1.18 | 1.40 | 0.49 | 1.03 | 1.59 | 1.77 | 1.56 | 1.01 | 0.45 | 1.33 | 1.37 | | | | | | |
| 170 | 1.07 | 1.11 | 1.32 | 0.49 | 0.84 | 1.14 | 0.91 | 1.31 | 0.83 | 0.45 | 1.24 | 1.32 | | | | | | |
| 175 | 0.84 | 1.08 | 0.96 | 0.49 | 0.51 | 0.77 | 0.68 | 0.87 | 0.51 | 0.45 | 0.92 | 1.20 | | | | | | |
| 180 | 0.52 | 0.52 | 0.50 | 0.49 | 0.50 | 0.50 | 0.52 | 0.51 | 0.50 | 0.45 | 0.46 | 0.51 | | | | | | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

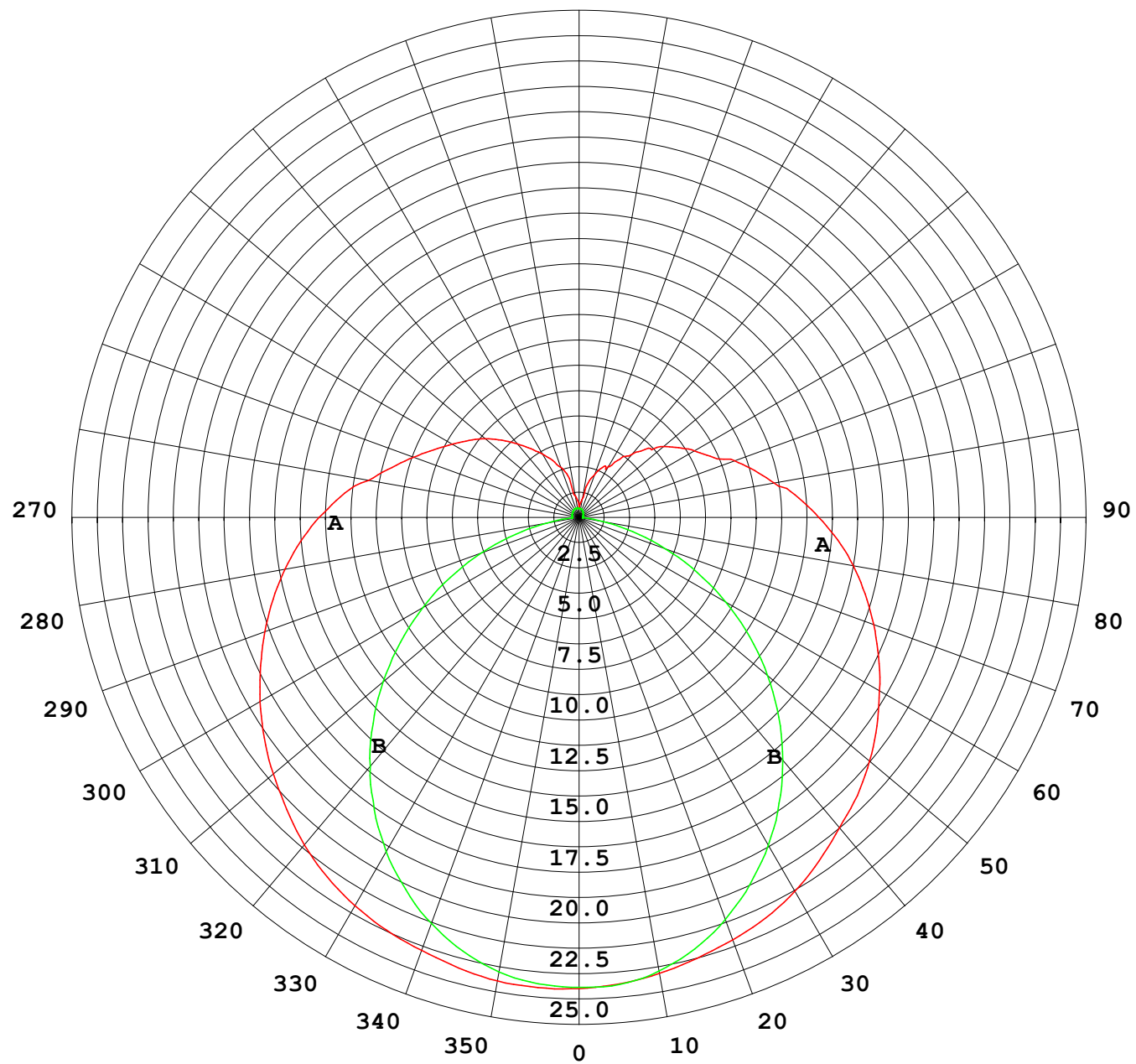
Photometric Data Table [cd]

| G/C | 0.0 | 30.0 | 60.0 | 90.0 | 120.0 | 150.0 | 180.0 | 210.0 | 240.0 | 270.0 |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0.0 | 23.23 | 23.27 | 23.19 | 23.17 | 23.19 | 23.21 | 23.23 | 23.27 | 23.19 | 23.17 |
| 3.0 | 23.27 | 23.26 | 23.20 | 23.14 | 23.17 | 23.12 | 23.15 | 23.19 | 23.12 | 23.17 |
| 6.0 | 23.26 | 23.23 | 23.19 | 23.03 | 23.04 | 22.99 | 23.04 | 23.06 | 22.99 | 23.06 |
| 9.0 | 23.24 | 23.18 | 23.06 | 22.85 | 22.83 | 22.82 | 22.89 | 22.88 | 22.78 | 22.83 |
| 12.0 | 23.13 | 23.04 | 22.83 | 22.53 | 22.53 | 22.60 | 22.71 | 22.65 | 22.46 | 22.46 |
| 15.0 | 22.99 | 22.88 | 22.51 | 22.14 | 22.17 | 22.34 | 22.50 | 22.40 | 22.10 | 22.03 |
| 18.0 | 22.82 | 22.65 | 22.13 | 21.66 | 21.74 | 22.08 | 22.29 | 22.13 | 21.65 | 21.51 |
| 21.0 | 22.67 | 22.40 | 21.67 | 21.12 | 21.26 | 21.79 | 22.10 | 21.81 | 21.17 | 20.86 |
| 24.0 | 22.52 | 22.09 | 21.15 | 20.49 | 20.73 | 21.49 | 21.88 | 21.51 | 20.64 | 20.23 |
| 27.0 | 22.33 | 21.81 | 20.57 | 19.78 | 20.16 | 21.11 | 21.60 | 21.14 | 20.07 | 19.45 |
| 30.0 | 22.11 | 21.49 | 19.94 | 19.03 | 19.56 | 20.72 | 21.28 | 20.73 | 19.48 | 18.67 |
| 33.0 | 21.84 | 21.12 | 19.28 | 18.20 | 18.93 | 20.27 | 20.92 | 20.30 | 18.85 | 17.83 |
| 36.0 | 21.55 | 20.72 | 18.60 | 17.27 | 18.26 | 19.76 | 20.52 | 19.77 | 18.19 | 16.91 |
| 39.0 | 21.20 | 20.29 | 17.90 | 16.38 | 17.55 | 19.23 | 20.11 | 19.26 | 17.48 | 15.95 |
| 42.0 | 20.81 | 19.82 | 17.20 | 15.41 | 16.80 | 18.71 | 19.74 | 18.71 | 16.74 | 14.95 |
| 45.0 | 20.39 | 19.31 | 16.49 | 14.37 | 16.02 | 18.20 | 19.40 | 18.21 | 15.96 | 13.93 |
| 48.0 | 19.96 | 18.78 | 15.73 | 13.33 | 15.20 | 17.69 | 18.99 | 17.72 | 15.14 | 12.86 |
| 51.0 | 19.56 | 18.20 | 14.93 | 12.24 | 14.36 | 17.15 | 18.55 | 17.17 | 14.30 | 11.78 |
| 54.0 | 19.10 | 17.65 | 14.14 | 11.14 | 13.48 | 16.59 | 18.09 | 16.64 | 13.43 | 10.66 |
| 57.0 | 18.64 | 17.10 | 13.31 | 10.03 | 12.62 | 16.01 | 17.60 | 16.04 | 12.57 | 9.512 |
| 60.0 | 18.16 | 16.53 | 12.47 | 8.902 | 11.81 | 15.41 | 17.10 | 15.43 | 11.74 | 8.346 |
| 63.0 | 17.66 | 15.94 | 11.64 | 7.796 | 10.99 | 14.83 | 16.63 | 14.85 | 10.91 | 7.206 |
| 66.0 | 17.15 | 15.36 | 10.79 | 6.611 | 10.17 | 14.26 | 16.13 | 14.26 | 10.09 | 6.069 |
| 69.0 | 16.66 | 14.77 | 10.00 | 5.495 | 9.356 | 13.69 | 15.63 | 13.71 | 9.280 | 4.913 |
| 72.0 | 16.14 | 14.20 | 9.235 | 4.359 | 8.577 | 13.13 | 15.12 | 13.12 | 8.480 | 3.808 |
| 75.0 | 15.62 | 13.64 | 8.476 | 3.244 | 7.848 | 12.57 | 14.60 | 12.60 | 7.747 | 2.742 |
| 78.0 | 15.08 | 13.08 | 7.772 | 2.244 | 7.179 | 12.04 | 14.08 | 12.05 | 7.064 | 1.772 |
| 81.0 | 14.54 | 12.52 | 7.144 | 1.355 | 6.601 | 11.52 | 13.55 | 11.53 | 6.476 | 0.9619 |
| 84.0 | 13.98 | 11.98 | 6.591 | 0.6462 | 6.068 | 10.97 | 12.99 | 10.98 | 5.933 | 0.3235 |
| 87.0 | 13.40 | 11.43 | 6.093 | 0.3446 | 5.580 | 10.41 | 12.41 | 10.41 | 5.451 | 0.2012 |
| 90.0 | 12.82 | 10.89 | 5.656 | 0.3293 | 5.153 | 9.864 | 11.82 | 9.867 | 5.009 | 0.1934 |
| 93.0 | 12.20 | 10.35 | 5.253 | 0.3255 | 4.781 | 9.346 | 11.27 | 9.349 | 4.632 | 0.1968 |
| 96.0 | 11.61 | 9.803 | 4.836 | 0.3216 | 4.484 | 8.874 | 10.71 | 8.857 | 4.326 | 0.2002 |
| 99.0 | 10.89 | 8.641 | 4.489 | 0.3368 | 4.228 | 7.644 | 9.954 | 7.718 | 4.060 | 0.2037 |
| 102.0 | 10.14 | 8.020 | 4.168 | 0.3514 | 3.723 | 7.412 | 9.442 | 7.474 | 3.676 | 0.2073 |
| 105.0 | 9.556 | 7.658 | 3.770 | 0.3583 | 3.177 | 7.136 | 8.964 | 7.112 | 3.121 | 0.2113 |
| 108.0 | 9.028 | 7.296 | 3.709 | 0.3651 | 3.073 | 6.828 | 8.476 | 6.791 | 3.060 | 0.2154 |
| 111.0 | 8.521 | 6.955 | 3.384 | 0.3719 | 3.004 | 6.201 | 8.013 | 6.328 | 2.914 | 0.2194 |
| 114.0 | 8.058 | 6.648 | 3.407 | 0.3770 | 2.905 | 5.864 | 7.271 | 6.047 | 2.769 | 0.2234 |
| 117.0 | 7.631 | 6.352 | 3.232 | 0.3820 | 2.775 | 5.558 | 6.894 | 5.685 | 2.679 | 0.2262 |
| 120.0 | 7.233 | 6.080 | 2.791 | 0.3970 | 2.759 | 5.297 | 6.583 | 5.403 | 2.628 | 0.2363 |
| 123.0 | 6.857 | 5.794 | 2.549 | 0.4031 | 2.654 | 5.085 | 6.241 | 5.102 | 2.547 | 0.2613 |
| 126.0 | 6.520 | 5.517 | 2.232 | 0.4105 | 2.478 | 4.819 | 5.894 | 4.795 | 2.362 | 0.2764 |
| 129.0 | 6.168 | 5.089 | 2.051 | 0.4170 | 2.388 | 4.578 | 5.552 | 4.544 | 2.281 | 0.2814 |
| 132.0 | 5.781 | 4.451 | 1.945 | 0.4231 | 2.297 | 4.306 | 5.164 | 4.238 | 2.221 | 0.2885 |
| 135.0 | 5.389 | 3.748 | 1.870 | 0.4286 | 2.242 | 4.010 | 4.833 | 3.891 | 2.141 | 0.2965 |
| 138.0 | 4.992 | 3.276 | 1.775 | 0.4363 | 2.126 | 3.768 | 4.371 | 3.564 | 2.045 | 0.3066 |
| 141.0 | 4.610 | 2.904 | 1.639 | 0.4483 | 1.991 | 3.401 | 3.909 | 3.368 | 1.959 | 0.3415 |
| 144.0 | 4.248 | 2.572 | 1.563 | 0.4574 | 1.895 | 3.166 | 3.712 | 3.197 | 1.859 | 0.3529 |
| 147.0 | 3.911 | 2.301 | 1.468 | 0.4826 | 1.830 | 2.889 | 3.254 | 2.951 | 1.749 | 0.3643 |
| 150.0 | 3.614 | 2.075 | 1.312 | 0.4831 | 1.744 | 2.708 | 2.923 | 2.624 | 1.708 | 0.3769 |
| 153.0 | 3.303 | 1.874 | 1.311 | 0.4836 | 1.614 | 2.447 | 2.864 | 2.438 | 1.553 | 0.3870 |
| 156.0 | 2.987 | 1.693 | 1.362 | 0.4841 | 1.508 | 2.256 | 2.648 | 2.277 | 1.432 | 0.4020 |
| 159.0 | 2.689 | 1.497 | 1.402 | 0.4846 | 1.347 | 2.005 | 2.376 | 2.091 | 1.271 | 0.4191 |
| 162.0 | 2.449 | 1.291 | 1.423 | 0.4850 | 1.172 | 1.829 | 2.080 | 1.941 | 1.140 | 0.4402 |
| 165.0 | 2.147 | 1.176 | 1.402 | 0.4855 | 1.031 | 1.593 | 1.773 | 1.559 | 1.010 | 0.4463 |
| 168.0 | 1.146 | 1.141 | 1.357 | 0.4860 | 0.9201 | 1.316 | 1.035 | 1.417 | 0.9193 | 0.4490 |
| 171.0 | 1.011 | 1.106 | 1.292 | 0.4865 | 0.7846 | 1.065 | 0.8436 | 1.197 | 0.7683 | 0.4501 |
| 174.0 | 0.8900 | 1.086 | 1.117 | 0.4870 | 0.5388 | 0.8337 | 0.7182 | 0.9356 | 0.5572 | 0.4512 |
| 177.0 | 0.7692 | 0.7925 | 0.6307 | 0.4875 | 0.5026 | 0.5025 | 0.6023 | 0.6395 | 0.5026 | 0.4523 |
| 180.0 | 0.5227 | 0.5177 | 0.5026 | 0.4875 | 0.5026 | 0.4975 | 0.5177 | 0.5126 | 0.5026 | 0.4523 |
| G/C | 300.0 | 330.0 | | | | | | | | |
| 0.0 | 23.19 | 23.21 | | | | | | | | |
| 3.0 | 23.19 | 23.24 | | | | | | | | |
| 6.0 | 23.12 | 23.22 | | | | | | | | |
| 9.0 | 22.97 | 23.20 | | | | | | | | |
| 12.0 | 22.70 | 23.07 | | | | | | | | |
| 15.0 | 22.35 | 22.87 | | | | | | | | |
| 18.0 | 21.93 | 22.59 | | | | | | | | |
| 21.0 | 21.43 | 22.27 | | | | | | | | |
| 24.0 | 20.87 | 21.98 | | | | | | | | |
| 27.0 | 20.25 | 21.71 | | | | | | | | |
| 30.0 | 19.59 | 21.41 | | | | | | | | |

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LPC
 Test Date: 2021-12-16

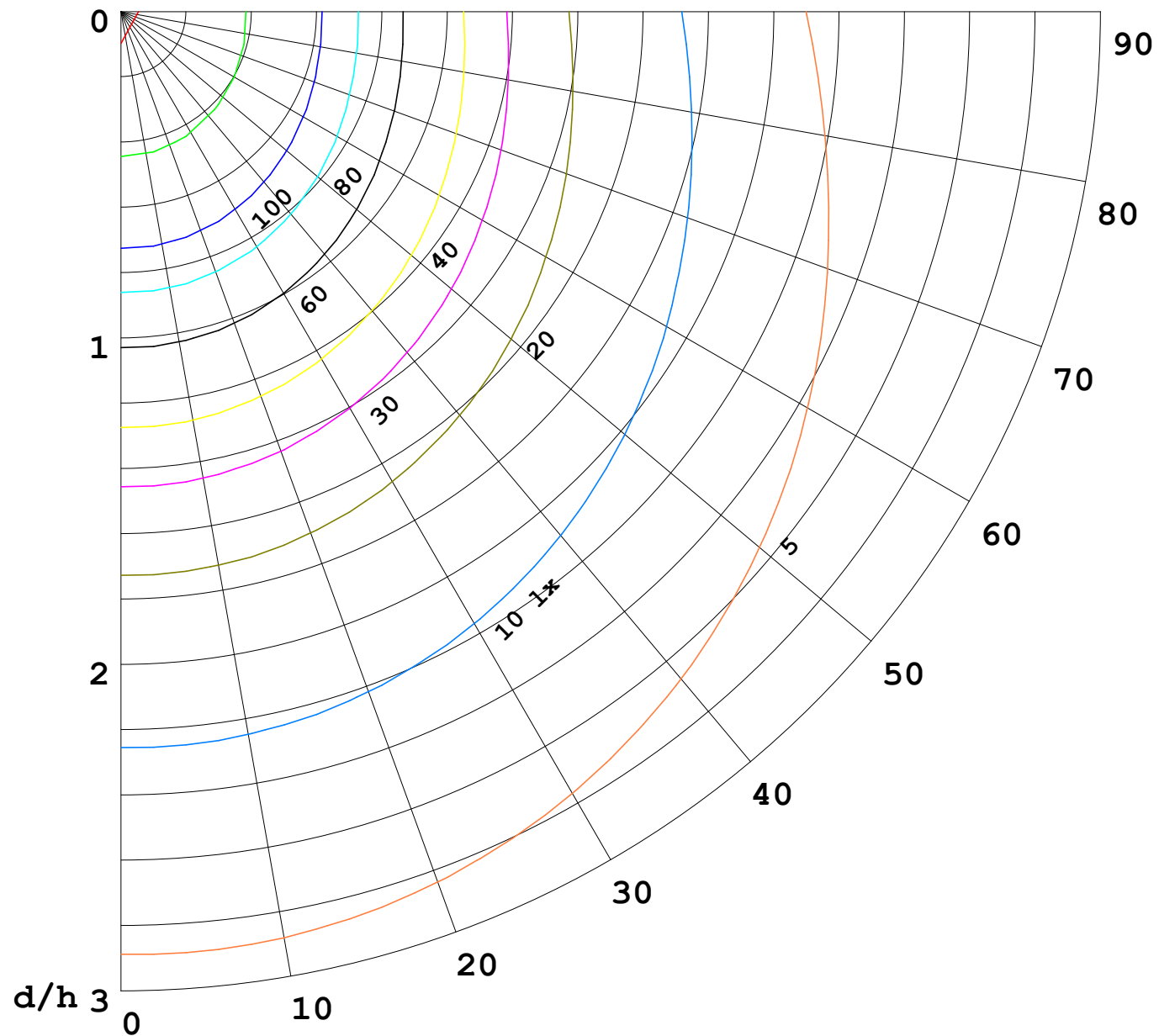
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 9.200m [K=1.0000]
 Remarks:

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 |

