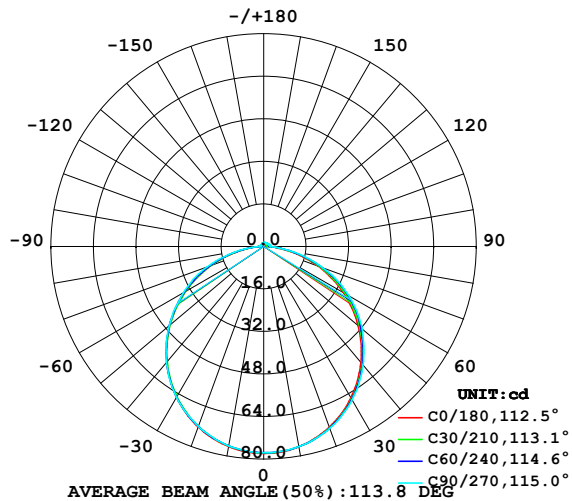


LUMINAIRE PHOTOMETRIC TEST REPORT

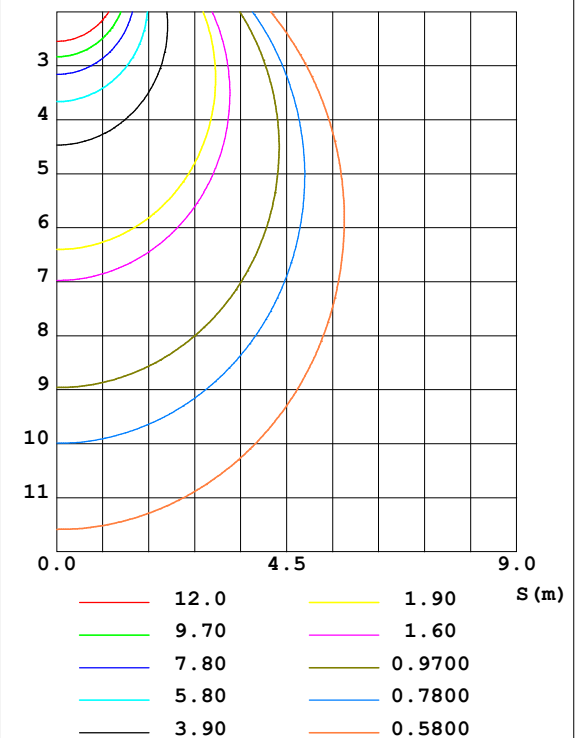
| | | |
|--|---------------|-----------------------|
| Test:U:24.00V I:0.5790A P:13.89W PF:1.000 Lamp Flux:233.689x1 lm | | |
| NAME: SF16-24V-5050-70-SPI3-RGB | TYPE: 硅胶 | WEIGHT: |
| DIM.: 16.5mm*16.5mm | SPEC.: | SERIAL No.:2022033001 |
| MFR.: OLYMPIA | SUR.:1*0.0165 | PROTECTION ANGLE: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 16.82 lm/W | | | |
|-------------------|---------|----------------------------------|--------|---------------------|-----------|
| MODEL | 5050 | I _{max} (cd) | 77.84 | S/MH (C0/180) | 1.25 |
| NOMINAL POWER (W) | 15 | LOR (%) | 100.0 | S/MH (C90/270) | 1.28 |
| RATED VOLTAGE (V) | 24 | TOTAL FLUX (lm) | 233.69 | η UP, DN (C0-180) | 2.0, 48.8 |
| NOMINAL FLUX (lm) | 233.689 | CIE CLASS | DIRECT | η UP, DN (C180-360) | 1.4, 47.8 |
| LAMPS INSIDE | 1 | η up (%) | 3.5 | CIBSE SHR NOM | 1.25 |
| TEST VOLTAGE (V) | 24.0 | η down (%) | 96.5 | CIBSE SHR MAX | 1.35 |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



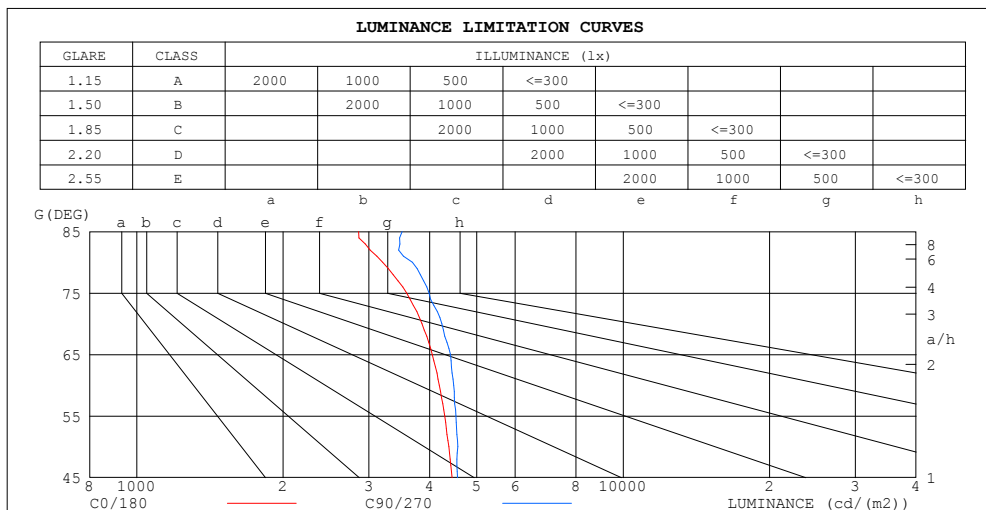
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: HXJ
Test Date: 2022-03-30

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:

| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | %lum, lamp |
|----------|-----------------------|-------|-------|-------|--------|-------|-------|--------|----------|-------------|--------------|------------|
| 10 | 76.48 | 76.46 | 76.45 | 76.05 | 76.39 | 76.18 | 76.11 | 75.90 | 0- 10 | 7.340 | 7.340 | 3.14,3.14 |
| 20 | 72.32 | 72.62 | 72.78 | 72.14 | 72.21 | 71.99 | 72.02 | 71.83 | 10- 20 | 21.04 | 28.38 | 12.1,12.1 |
| 30 | 65.69 | 66.25 | 66.61 | 65.75 | 65.54 | 65.39 | 65.57 | 65.28 | 20- 30 | 31.92 | 60.30 | 25.8,25.8 |
| 40 | 56.93 | 57.76 | 58.14 | 57.20 | 56.67 | 56.64 | 56.94 | 56.65 | 30- 40 | 38.57 | 98.87 | 42.3,42.3 |
| 50 | 46.45 | 47.42 | 48.46 | 46.73 | 46.04 | 46.18 | 46.48 | 46.23 | 40- 50 | 40.16 | 139.0 | 59.5,59.5 |
| 60 | 34.55 | 35.96 | 36.99 | 34.82 | 34.07 | 34.28 | 34.89 | 34.47 | 50- 60 | 36.61 | 175.6 | 75.2,75.2 |
| 70 | 21.79 | 22.99 | 23.94 | 21.93 | 21.26 | 21.47 | 22.77 | 21.89 | 60- 70 | 28.35 | 204.0 | 87.3,87.3 |
| 80 | 9.180 | 9.993 | 10.56 | 9.161 | 8.587 | 8.803 | 9.605 | 9.316 | 70- 80 | 16.53 | 220.5 | 94.4,94.4 |
| 90 | 1.441 | 2.103 | 2.372 | 1.830 | 1.193 | 1.352 | 1.645 | 1.363 | 80- 90 | 5.060 | 225.6 | 96.5,96.5 |
| 100 | 0.8215 | 1.744 | 2.303 | 1.533 | 0.6081 | 1.015 | 1.448 | 0.8903 | 90-100 | 1.491 | 227.1 | 97.2,97.2 |
| 110 | 0.8744 | 1.676 | 2.206 | 1.517 | 0.6435 | 1.001 | 1.322 | 0.8888 | 100-110 | 1.355 | 228.4 | 97.8,97.8 |
| 120 | 0.9952 | 1.578 | 1.960 | 1.464 | 0.7641 | 1.003 | 1.241 | 0.9207 | 110-120 | 1.246 | 229.7 | 98.3,98.3 |
| 130 | 1.095 | 1.485 | 1.729 | 1.407 | 0.9048 | 1.044 | 1.218 | 0.9830 | 120-130 | 1.108 | 230.8 | 98.8,98.8 |
| 140 | 1.191 | 1.420 | 1.523 | 1.370 | 1.056 | 1.113 | 1.231 | 1.070 | 130-140 | 0.9588 | 231.7 | 99.2,99.2 |
| 150 | 1.286 | 1.405 | 1.471 | 1.379 | 1.201 | 1.209 | 1.244 | 1.173 | 140-150 | 0.7967 | 232.5 | 99.5,99.5 |
| 160 | 1.367 | 1.427 | 1.468 | 1.415 | 1.342 | 1.322 | 1.302 | 1.294 | 150-160 | 0.6139 | 233.2 | 99.8,99.8 |
| 170 | 1.432 | 1.444 | 1.483 | 1.435 | 1.452 | 1.423 | 1.408 | 1.400 | 160-170 | 0.3965 | 233.6 | 99.9,99.9 |
| 180 | 1.452 | 1.457 | 1.483 | 1.447 | 1.452 | 1.452 | 1.462 | 1.447 | 170-180 | 0.1376 | 233.7 | 100,100 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 2859 | 3513 |
| 80 | 3204 | 3686 |
| 75 | 3587 | 3991 |
| 70 | 3861 | 4241 |
| 65 | 4050 | 4413 |
| 60 | 4188 | 4484 |
| 55 | 4294 | 4534 |
| 50 | 4380 | 4569 |
| 45 | 4450 | 4565 |

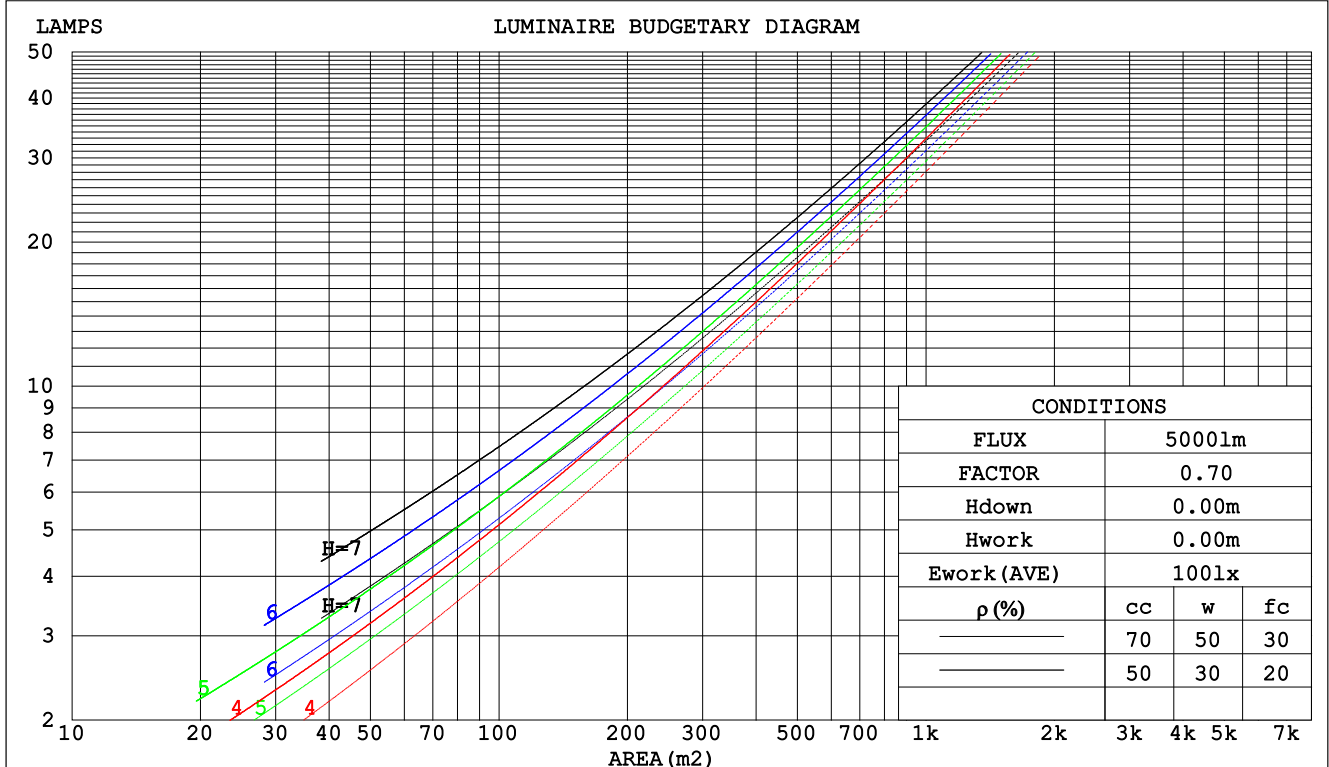
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-30

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|--|---------------|-----------------------|
| Test:U:24.00V I:0.5790A P:13.89W PF:1.000 Lamp Flux:233.689x1 lm | | |
| NAME: SF16-24V-5050-70-SPI3-RGB | TYPE: 硅胶 | WEIGHT: |
| DIM.: 16.5mm*16.5mm | SPEC.: | SERIAL No.:2022033001 |
| MFR.: OLYMPIA | SUR.:1*0.0165 | PROTECTION ANGLE: |

| ρ_{cc} | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|-------------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|-----|-----|-----|-----|
| ρ_w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| ρ_{fc} | 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 | 1.03 | .98 | .95 | 1.00 | .96 | .93 | .95 | .92 | .89 | .91 | .88 | .86 | .87 | .85 | .83 | .80 |
| 2.0 | .89 | .82 | .77 | .87 | .81 | .75 | .83 | .78 | .73 | .79 | .75 | .71 | .76 | .72 | .69 | .67 |
| 3.0 | .78 | .70 | .63 | .76 | .69 | .63 | .73 | .66 | .61 | .70 | .64 | .60 | .67 | .62 | .58 | .56 |
| 4.0 | .69 | .60 | .54 | .68 | .59 | .53 | .65 | .58 | .52 | .62 | .56 | .51 | .59 | .54 | .50 | .48 |
| 5.0 | .62 | .53 | .46 | .60 | .52 | .46 | .58 | .51 | .45 | .56 | .49 | .44 | .53 | .48 | .43 | .41 |
| 6.0 | .56 | .47 | .40 | .54 | .46 | .40 | .52 | .45 | .39 | .50 | .44 | .39 | .48 | .43 | .38 | .36 |
| 7.0 | .50 | .42 | .35 | .49 | .41 | .35 | .48 | .40 | .35 | .46 | .39 | .34 | .44 | .38 | .34 | .32 |
| 8.0 | .46 | .37 | .31 | .45 | .37 | .31 | .43 | .36 | .31 | .42 | .35 | .30 | .40 | .35 | .30 | .28 |
| 9.0 | .42 | .34 | .28 | .41 | .33 | .28 | .40 | .33 | .28 | .39 | .32 | .27 | .37 | .31 | .27 | .25 |
| 10.0 | .39 | .31 | .26 | .38 | .31 | .25 | .37 | .30 | .25 | .36 | .29 | .25 | .35 | .29 | .25 | .23 |



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-30

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:0.5790A P:13.89W PF:1.000 Lamp Flux:233.689x1 lm | | | | | |
| NAME: SF16-24V-5050-70-SPI3-RGB | | | TYPE: 硅胶 | | WEIGHT: |
| DIM.: 16.5mm*16.5mm | | | SPEC.: | | SERIAL No.:2022033001 |
| MFR.: OLYMPIA | | | SUR.:1*0.0165 | | 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 | .314 | .179 | .057 | .306 | .174 | .055 | .291 | .167 | .053 | .277 | .160 | .051 | .264 | .153 | .049 | | |
| 2.0 | .294 | .161 | .049 | .287 | .158 | .049 | .273 | .152 | .047 | .261 | .146 | .046 | .249 | .141 | .044 | | |
| 3.0 | .271 | .144 | .043 | .265 | .142 | .043 | .253 | .137 | .042 | .241 | .132 | .041 | .231 | .128 | .040 | | |
| 4.0 | .250 | .130 | .038 | .244 | .128 | .038 | .233 | .124 | .037 | .223 | .120 | .036 | .214 | .116 | .035 | | |
| 5.0 | .231 | .118 | .034 | .226 | .116 | .034 | .216 | .112 | .033 | .207 | .109 | .032 | .199 | .106 | .032 | | |
| 6.0 | .214 | .107 | .031 | .209 | .106 | .030 | .201 | .103 | .030 | .192 | .100 | .029 | .185 | .097 | .029 | | |
| 7.0 | .199 | .098 | .028 | .195 | .097 | .028 | .187 | .094 | .027 | .180 | .092 | .027 | .173 | .090 | .026 | | |
| 8.0 | .186 | .091 | .025 | .182 | .090 | .025 | .175 | .087 | .025 | .168 | .085 | .025 | .162 | .083 | .024 | | |
| 9.0 | .174 | .084 | .023 | .170 | .083 | .023 | .164 | .081 | .023 | .158 | .079 | .023 | .152 | .077 | .022 | | |
| 10.0 | .163 | .078 | .022 | .160 | .077 | .022 | .155 | .076 | .021 | .149 | .074 | .021 | .144 | .072 | .021 | | |

| 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 | .217 | .217 | .217 | .185 | .185 | .185 | .127 | .127 | .127 | .073 | .073 | .073 | .023 | .023 | .023 | |
| 1.0 | .207 | .183 | .161 | .177 | .157 | .138 | .121 | .108 | .096 | .070 | .062 | .056 | .022 | .020 | .018 | |
| 2.0 | .199 | .159 | .125 | .171 | .137 | .108 | .117 | .095 | .075 | .067 | .055 | .044 | .022 | .018 | .014 | |
| 3.0 | .192 | .141 | .101 | .164 | .122 | .088 | .113 | .085 | .061 | .065 | .049 | .036 | .021 | .016 | .012 | |
| 4.0 | .184 | .128 | .085 | .158 | .111 | .074 | .109 | .077 | .052 | .063 | .045 | .031 | .020 | .015 | .010 | |
| 5.0 | .177 | .118 | .074 | .152 | .102 | .065 | .105 | .071 | .046 | .061 | .042 | .027 | .020 | .014 | .009 | |
| 6.0 | .170 | .109 | .066 | .146 | .095 | .058 | .101 | .066 | .041 | .058 | .039 | .024 | .019 | .013 | .008 | |
| 7.0 | .163 | .103 | .061 | .140 | .089 | .053 | .097 | .062 | .037 | .056 | .037 | .022 | .018 | .012 | .007 | |
| 8.0 | .156 | .097 | .056 | .135 | .084 | .049 | .093 | .059 | .035 | .054 | .035 | .021 | .018 | .011 | .007 | |
| 9.0 | .150 | .092 | .053 | .129 | .080 | .046 | .090 | .056 | .033 | .052 | .033 | .019 | .017 | .011 | .006 | |
| 10.0 | .145 | .088 | .050 | .125 | .076 | .044 | .086 | .054 | .031 | .050 | .032 | .018 | .016 | .010 | .006 | |

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:HXJ
 Test Date:2022-03-30

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:0.5790A P:13.89W PF:1.000 Lamp Flux:233.689x1 lm | | | | | | | | | | | |
| NAME: SF16-24V-5050-70-SPI3-RGB | | | | | | TYPE:硅胶 | | WEIGHT: | | | |
| DIM.: 16.5mm*16.5mm | | | | | | SPEC.: | | SERIAL No.:2022033001 | | | |
| MFR.: OLYMPIA | | | | | | SUR.:1*0.0165 | | 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 | 17.8 | 19.3 | 18.1 | 19.6 | 19.8 | 18.1 | 19.5 | 18.4 | 19.8 | 20.1 | |
| | 3H | 19.4 | 20.7 | 19.7 | 21.0 | 21.3 | 19.7 | 21.1 | 20.1 | 21.4 | |
| | 4H | 20.0 | 21.3 | 20.3 | 21.6 | 21.9 | 20.4 | 21.7 | 20.7 | 22.0 | |
| | 6H | 20.4 | 21.6 | 20.8 | 22.0 | 22.3 | 20.9 | 22.1 | 21.2 | 22.4 | |
| | 8H | 20.5 | 21.7 | 20.9 | 22.1 | 22.4 | 21.0 | 22.2 | 21.4 | 22.5 | |
| | 12H | 20.6 | 21.7 | 21.0 | 22.1 | 22.5 | 21.1 | 22.3 | 21.5 | 22.6 | |
| 4H | 2H | 18.5 | 19.8 | 18.8 | 20.1 | 20.4 | 18.7 | 20.0 | 19.0 | 20.3 | |
| | 3H | 20.2 | 21.3 | 20.6 | 21.7 | 22.1 | 20.5 | 21.6 | 20.9 | 22.0 | |
| | 4H | 20.9 | 22.0 | 21.4 | 22.3 | 22.8 | 21.3 | 22.3 | 21.7 | 22.7 | |
| | 6H | 21.5 | 22.4 | 21.9 | 22.8 | 23.3 | 21.9 | 22.8 | 22.3 | 23.2 | |
| | 8H | 21.7 | 22.5 | 22.1 | 23.0 | 23.4 | 22.1 | 23.0 | 22.6 | 23.4 | |
| | 12H | 21.8 | 22.6 | 22.3 | 23.0 | 23.5 | 22.3 | 23.1 | 22.8 | 23.5 | |
| 8H | 4H | 21.2 | 22.1 | 21.7 | 22.5 | 23.0 | 21.5 | 22.4 | 22.0 | 22.8 | |
| | 6H | 21.9 | 22.6 | 22.4 | 23.1 | 23.6 | 22.3 | 23.0 | 22.8 | 23.5 | |
| | 8H | 22.2 | 22.8 | 22.7 | 23.3 | 23.8 | 22.6 | 23.2 | 23.1 | 23.7 | |
| | 12H | 22.4 | 23.0 | 22.9 | 23.5 | 24.0 | 22.9 | 23.4 | 23.4 | 23.9 | |
| 12H | 4H | 21.2 | 22.0 | 21.7 | 22.5 | 23.0 | 21.5 | 22.3 | 22.0 | 22.8 | |
| | 6H | 22.0 | 22.6 | 22.5 | 23.1 | 23.6 | 22.4 | 23.0 | 22.9 | 23.5 | |
| | 8H | 22.3 | 22.9 | 22.8 | 23.4 | 23.9 | 22.7 | 23.2 | 23.2 | 23.8 | |
| Variations with the observer position at spacings: | | | | | | | | | | | |
| S = 1.0H | + 0.1 / - 0.2 | | | | | + 0.1 / - 0.2 | | | | | |
| 1.5H | + 0.2 / - 0.3 | | | | | + 0.2 / - 0.3 | | | | | |
| 2.0H | + 0.1 / - 0.3 | | | | | + 0.1 / - 0.3 | | | | | |

CIE Pub.117 Corrected 233.7 lm Total Lamp Luminous Flux. (8log(F/F0) = -5.1)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-30

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:0.5790A P:13.89W PF:1.000 Lamp Flux:233.689x1 lm | | |
| NAME: SF16-24V-5050-70-SPI3-RGB | TYPE: 硅胶 | WEIGHT: |
| DIM.: 16.5mm*16.5mm | SPEC.: | SERIAL No.:2022033001 |
| MFR.: OLYMPIA | SUR.:1*0.0165 | PROTECTION ANGLE: |

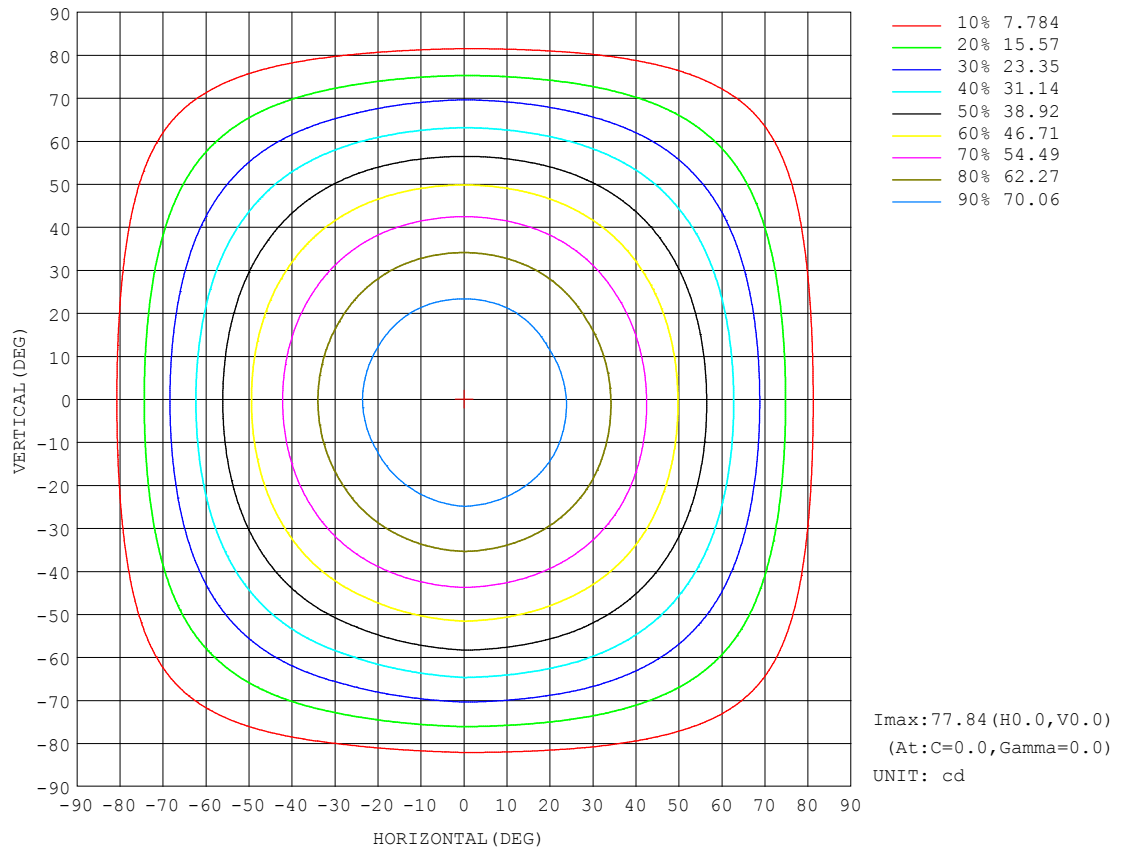
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 56 | 44 | 37 | 55 | 44 | 37 | 54 | 43 | 37 | 31 |
| 0.80 | 66 | 54 | 47 | 65 | 54 | 47 | 63 | 53 | 46 | 39 |
| 1.00 | 74 | 63 | 56 | 73 | 62 | 55 | 70 | 64 | 55 | 47 |
| 1.25 | 81 | 71 | 63 | 80 | 70 | 63 | 77 | 68 | 62 | 54 |
| 1.50 | 87 | 76 | 69 | 85 | 75 | 69 | 81 | 73 | 67 | 59 |
| 2.00 | 93 | 85 | 78 | 91 | 83 | 77 | 87 | 81 | 75 | 67 |
| 2.50 | 97 | 89 | 83 | 95 | 88 | 82 | 91 | 85 | 80 | 71 |
| 3.00 | 101 | 94 | 88 | 98 | 92 | 87 | 94 | 89 | 84 | 75 |
| 4.00 | 105 | 99 | 94 | 102 | 97 | 93 | 97 | 93 | 89 | 80 |
| 5.00 | 107 | 102 | 98 | 105 | 100 | 96 | 100 | 96 | 93 | 83 |
| 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:HXJ
 Test Date:2022-03-30

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:0.5790A P:13.89W PF:1.000 Lamp Flux:233.689x1 lm | | |
| NAME: SF16-24V-5050-70-SPI3-RGB | TYPE: 硅胶 | WEIGHT: |
| DIM.: 16.5mm*16.5mm | SPEC.: | SERIAL No.:2022033001 |
| MFR.: OLYMPIA | SUR.:1*0.0165 | PROTECTION ANGLE: |

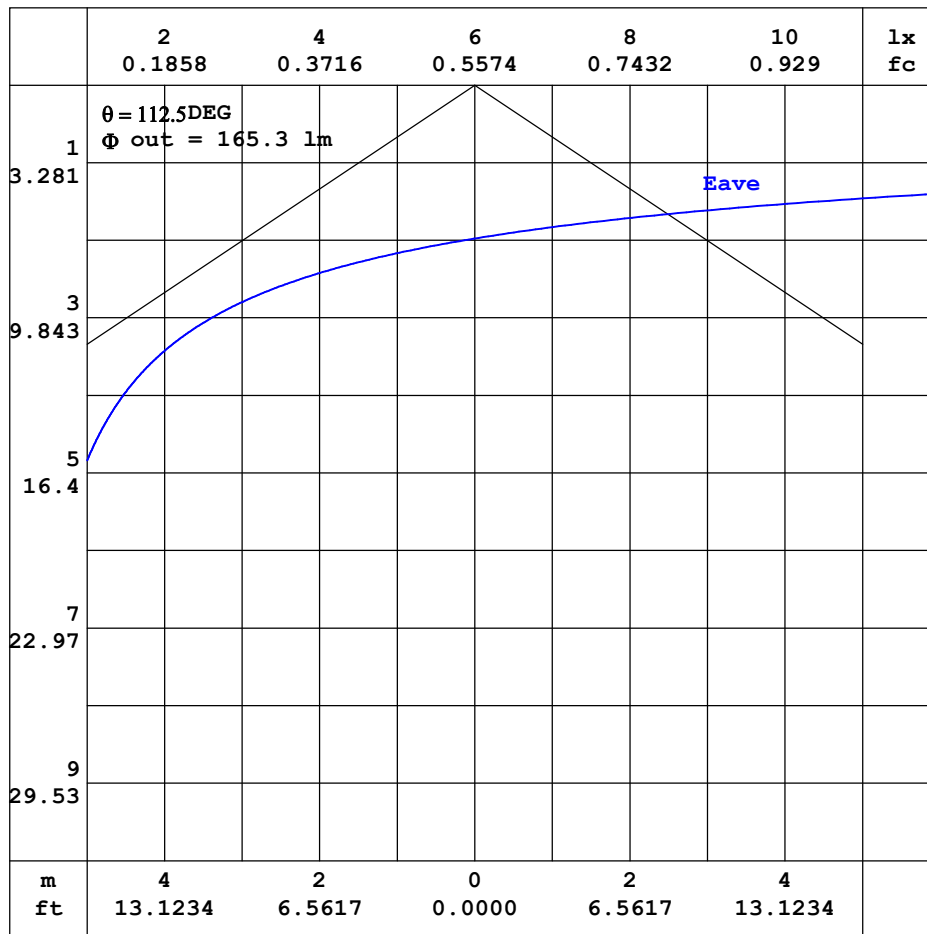


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: HXJ
Test Date: 2022-03-30

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:

AAI CURVES

| | | |
|--|---------------|-----------------------|
| Test:U:24.00V I:0.5790A P:13.89W PF:1.000 Lamp Flux:233.689x1 lm | | |
| NAME: SF16-24V-5050-70-SPI3-RGB | TYPE: 硅胶 | WEIGHT: |
| DIM.: 16.5mm*16.5mm | SPEC.: | SERIAL No.:2022033001 |
| MFR.: OLYMPIA | SUR.:1*0.0165 | PROTECTION ANGLE: |



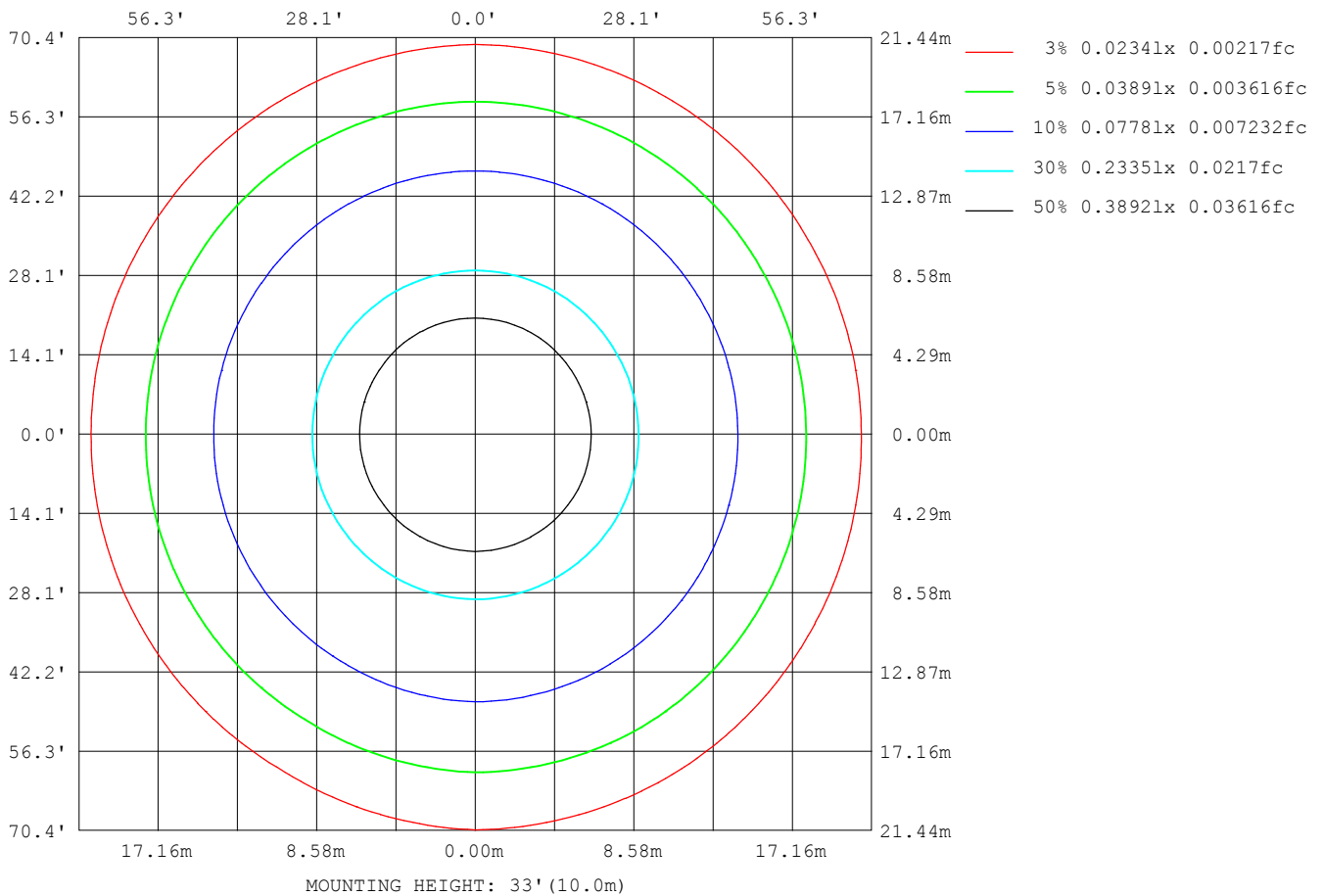
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: HXJ
 Test Date: 2022-03-30

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

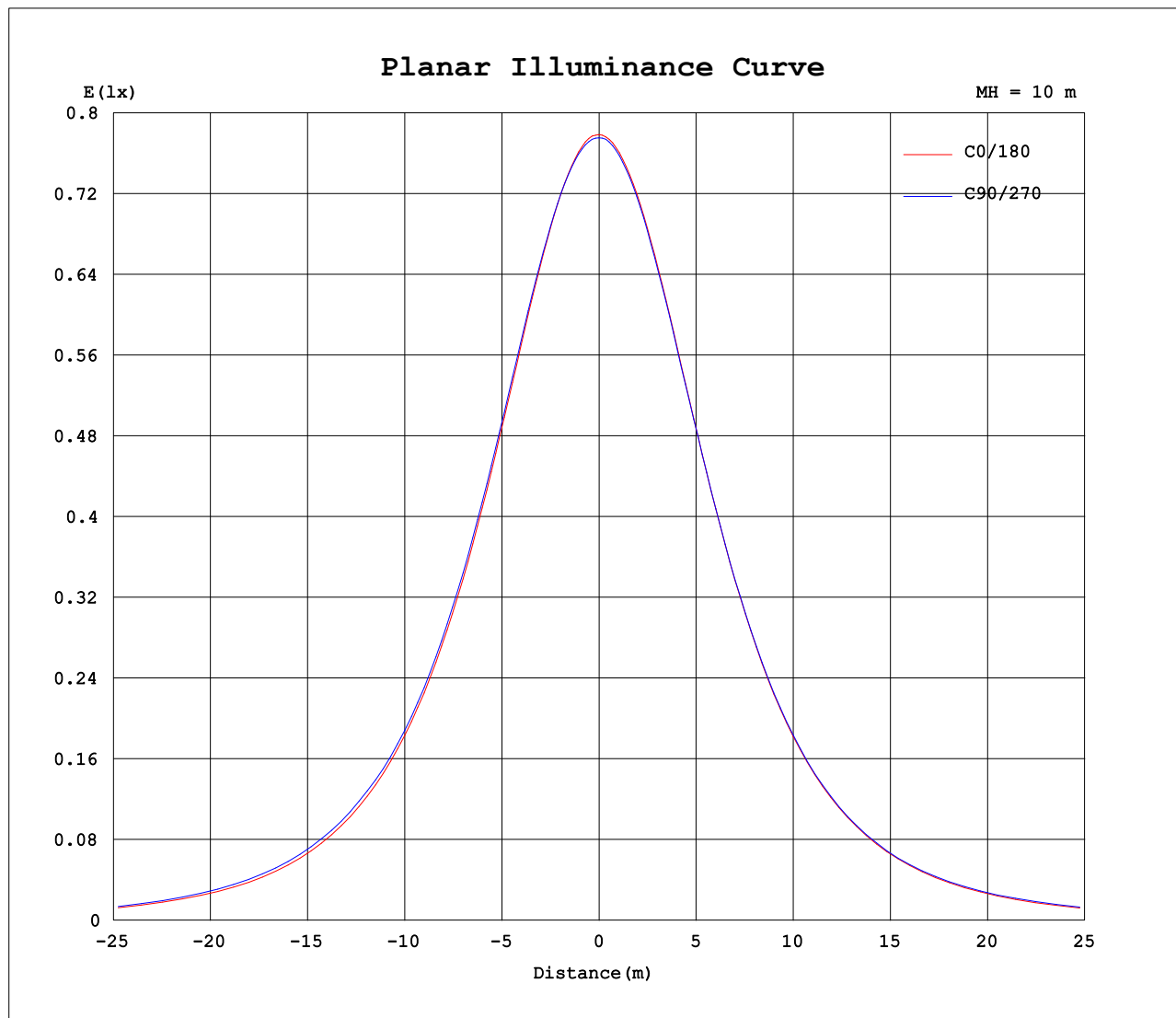
| | | |
|--|---------------|-----------------------|
| Test:U:24.00V I:0.5790A P:13.89W PF:1.000 Lamp Flux:233.689x1 lm | | |
| NAME: SF16-24V-5050-70-SPI3-RGB | TYPE: 硅胶 | WEIGHT: |
| DIM.: 16.5mm*16.5mm | SPEC.: | SERIAL No.:2022033001 |
| MFR.: OLYMPIA | SUR.:1*0.0165 | PROTECTION ANGLE: |



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-30

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:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: HXJ
Test Date: 2022-03-30

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--|---------------|-----------------------|
| Test:U:24.00V I:0.5790A P:13.89W PF:1.000 Lamp Flux:233.689x1 lm | | |
| NAME: SF16-24V-5050-70-SPI3-RGB | TYPE: 硅胶 | WEIGHT: |
| DIM.: 16.5mm*16.5mm | SPEC.: | SERIAL No.:2022033001 |
| MFR.: OLYMPIA | SUR.:1*0.0165 | PROTECTION ANGLE: |

Table--1

UNIT: cd

| C (DEG) γ (DEG) | 0 | 30 | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 | 330 | | | | | | |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|
| 0 | 77.8 | 77.7 | 77.6 | 77.5 | 77.4 | 77.2 | 77.8 | 77.7 | 77.6 | 77.5 | 77.4 | 77.2 | | | | | | |
| 5 | 77.5 | 77.4 | 77.4 | 77.3 | 77.1 | 76.9 | 77.5 | 77.3 | 77.2 | 77.2 | 77.0 | 76.9 | | | | | | |
| 10 | 76.5 | 76.5 | 76.5 | 76.5 | 76.2 | 75.9 | 76.4 | 76.2 | 76.1 | 76.1 | 76.0 | 75.8 | | | | | | |
| 15 | 74.7 | 74.8 | 74.9 | 74.9 | 74.6 | 74.3 | 74.6 | 74.4 | 74.4 | 74.3 | 74.3 | 74.1 | | | | | | |
| 20 | 72.3 | 72.6 | 72.7 | 72.8 | 72.3 | 72.0 | 72.2 | 71.9 | 72.1 | 72.0 | 72.0 | 71.7 | | | | | | |
| 25 | 69.3 | 69.7 | 69.8 | 70.0 | 69.4 | 69.0 | 69.2 | 68.9 | 69.1 | 69.1 | 69.0 | 68.7 | | | | | | |
| 30 | 65.7 | 66.2 | 66.3 | 66.6 | 66.0 | 65.5 | 65.5 | 65.3 | 65.5 | 65.6 | 65.4 | 65.1 | | | | | | |
| 35 | 61.6 | 62.1 | 62.4 | 62.6 | 62.0 | 61.4 | 61.4 | 61.1 | 61.4 | 61.5 | 61.4 | 61.0 | | | | | | |
| 40 | 56.9 | 57.7 | 57.9 | 58.1 | 57.5 | 56.9 | 56.7 | 56.4 | 56.8 | 56.9 | 56.8 | 56.5 | | | | | | |
| 45 | 51.9 | 52.6 | 52.9 | 53.3 | 52.5 | 51.9 | 51.5 | 51.5 | 51.8 | 51.9 | 51.8 | 51.5 | | | | | | |
| 50 | 46.5 | 47.2 | 47.7 | 48.5 | 47.1 | 46.4 | 46.0 | 46.0 | 46.3 | 46.5 | 46.4 | 46.1 | | | | | | |
| 55 | 40.6 | 41.4 | 42.5 | 42.9 | 41.2 | 40.6 | 40.2 | 40.1 | 40.6 | 40.7 | 40.6 | 40.4 | | | | | | |
| 60 | 34.5 | 35.4 | 36.6 | 37.0 | 35.1 | 34.5 | 34.1 | 34.1 | 34.5 | 34.9 | 34.7 | 34.3 | | | | | | |
| 65 | 28.2 | 29.1 | 30.2 | 30.8 | 28.7 | 28.2 | 27.7 | 27.7 | 28.2 | 29.2 | 28.5 | 28.1 | | | | | | |
| 70 | 21.8 | 22.5 | 23.5 | 23.9 | 22.2 | 21.7 | 21.3 | 21.2 | 21.7 | 22.8 | 22.1 | 21.7 | | | | | | |
| 75 | 15.3 | 16.0 | 16.8 | 17.0 | 15.9 | 15.1 | 14.7 | 14.7 | 15.2 | 15.9 | 15.6 | 15.3 | | | | | | |
| 80 | 9.18 | 9.71 | 10.3 | 10.6 | 9.40 | 8.93 | 8.59 | 8.61 | 9.00 | 9.60 | 9.51 | 9.13 | | | | | | |
| 85 | 4.11 | 4.60 | 4.77 | 5.05 | 4.17 | 4.06 | 3.72 | 3.66 | 3.80 | 4.19 | 4.17 | 3.94 | | | | | | |
| 90 | 1.44 | 1.87 | 2.33 | 2.37 | 1.99 | 1.67 | 1.19 | 1.32 | 1.38 | 1.64 | 1.50 | 1.22 | | | | | | |
| 95 | 0.81 | 1.35 | 2.18 | 2.36 | 1.85 | 1.26 | 0.62 | 0.94 | 1.17 | 1.52 | 1.19 | 0.66 | | | | | | |
| 100 | 0.82 | 1.33 | 2.16 | 2.30 | 1.84 | 1.23 | 0.61 | 0.87 | 1.16 | 1.45 | 1.12 | 0.67 | | | | | | |
| 105 | 0.85 | 1.33 | 2.14 | 2.26 | 1.83 | 1.22 | 0.61 | 0.85 | 1.15 | 1.37 | 1.10 | 0.67 | | | | | | |
| 110 | 0.87 | 1.33 | 2.02 | 2.21 | 1.81 | 1.22 | 0.64 | 0.85 | 1.15 | 1.32 | 1.09 | 0.69 | | | | | | |
| 115 | 0.93 | 1.33 | 1.93 | 2.10 | 1.76 | 1.22 | 0.70 | 0.85 | 1.15 | 1.28 | 1.08 | 0.72 | | | | | | |
| 120 | 1.00 | 1.33 | 1.82 | 1.96 | 1.70 | 1.23 | 0.76 | 0.85 | 1.15 | 1.24 | 1.08 | 0.76 | | | | | | |
| 125 | 1.05 | 1.33 | 1.72 | 1.83 | 1.63 | 1.23 | 0.84 | 0.90 | 1.15 | 1.22 | 1.08 | 0.84 | | | | | | |
| 130 | 1.10 | 1.33 | 1.64 | 1.73 | 1.57 | 1.25 | 0.90 | 0.93 | 1.16 | 1.22 | 1.10 | 0.87 | | | | | | |
| 135 | 1.16 | 1.33 | 1.57 | 1.61 | 1.50 | 1.27 | 0.98 | 0.99 | 1.17 | 1.22 | 1.11 | 0.93 | | | | | | |
| 140 | 1.19 | 1.33 | 1.51 | 1.52 | 1.45 | 1.29 | 1.06 | 1.04 | 1.19 | 1.23 | 1.14 | 1.00 | | | | | | |
| 145 | 1.25 | 1.35 | 1.47 | 1.48 | 1.42 | 1.32 | 1.14 | 1.10 | 1.22 | 1.24 | 1.18 | 1.07 | | | | | | |
| 150 | 1.29 | 1.36 | 1.45 | 1.47 | 1.41 | 1.35 | 1.20 | 1.17 | 1.25 | 1.24 | 1.23 | 1.12 | | | | | | |
| 155 | 1.33 | 1.39 | 1.43 | 1.46 | 1.41 | 1.39 | 1.27 | 1.25 | 1.30 | 1.25 | 1.28 | 1.19 | | | | | | |
| 160 | 1.37 | 1.42 | 1.43 | 1.47 | 1.41 | 1.42 | 1.34 | 1.29 | 1.36 | 1.30 | 1.34 | 1.25 | | | | | | |
| 165 | 1.40 | 1.45 | 1.43 | 1.48 | 1.41 | 1.44 | 1.39 | 1.35 | 1.41 | 1.35 | 1.39 | 1.32 | | | | | | |
| 170 | 1.43 | 1.45 | 1.44 | 1.48 | 1.43 | 1.44 | 1.45 | 1.40 | 1.44 | 1.41 | 1.44 | 1.36 | | | | | | |
| 175 | 1.45 | 1.45 | 1.45 | 1.48 | 1.44 | 1.45 | 1.46 | 1.43 | 1.45 | 1.43 | 1.46 | 1.41 | | | | | | |
| 180 | 1.45 | 1.45 | 1.46 | 1.48 | 1.45 | 1.45 | 1.45 | 1.45 | 1.46 | 1.46 | 1.46 | 1.43 | | | | | | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-30

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 | 77.84 | 77.68 | 77.59 | 77.54 | 77.36 | 77.22 | 77.84 | 77.68 | 77.59 | 77.54 |
| 3.0 | 77.79 | 77.60 | 77.57 | 77.47 | 77.31 | 77.10 | 77.71 | 77.56 | 77.44 | 77.43 |
| 6.0 | 77.39 | 77.27 | 77.25 | 77.18 | 76.98 | 76.76 | 77.31 | 77.14 | 77.04 | 77.03 |
| 9.0 | 76.75 | 76.70 | 76.70 | 76.66 | 76.41 | 76.17 | 76.66 | 76.48 | 76.41 | 76.39 |
| 12.0 | 75.86 | 75.90 | 75.92 | 75.90 | 75.62 | 75.33 | 75.77 | 75.57 | 75.54 | 75.48 |
| 15.0 | 74.72 | 74.83 | 74.89 | 74.93 | 74.57 | 74.28 | 74.63 | 74.39 | 74.42 | 74.35 |
| 18.0 | 73.36 | 73.60 | 73.64 | 73.74 | 73.30 | 72.96 | 73.25 | 73.06 | 73.07 | 73.00 |
| 21.0 | 71.76 | 72.02 | 72.13 | 72.25 | 71.78 | 71.40 | 71.66 | 71.35 | 71.51 | 71.43 |
| 24.0 | 69.94 | 70.33 | 70.43 | 70.63 | 70.07 | 69.69 | 69.81 | 69.59 | 69.72 | 69.65 |
| 27.0 | 67.93 | 68.36 | 68.52 | 68.70 | 68.16 | 67.68 | 67.78 | 67.48 | 67.72 | 67.75 |
| 30.0 | 65.69 | 66.16 | 66.34 | 66.61 | 66.00 | 65.49 | 65.54 | 65.26 | 65.52 | 65.57 |
| 33.0 | 63.25 | 63.86 | 64.00 | 64.32 | 63.65 | 63.15 | 63.10 | 62.87 | 63.13 | 63.18 |
| 36.0 | 60.66 | 61.31 | 61.51 | 61.76 | 61.13 | 60.59 | 60.47 | 60.20 | 60.55 | 60.67 |
| 39.0 | 57.90 | 58.53 | 58.79 | 59.06 | 58.40 | 57.87 | 57.67 | 57.44 | 57.80 | 57.86 |
| 42.0 | 54.95 | 55.66 | 55.90 | 56.22 | 55.51 | 54.88 | 54.66 | 54.52 | 54.85 | 54.93 |
| 45.0 | 51.92 | 52.58 | 52.90 | 53.26 | 52.51 | 51.89 | 51.54 | 51.48 | 51.75 | 51.93 |
| 48.0 | 48.68 | 49.35 | 49.80 | 50.24 | 49.30 | 48.62 | 48.28 | 48.18 | 48.54 | 48.61 |
| 51.0 | 45.32 | 46.06 | 46.68 | 47.44 | 45.94 | 45.27 | 44.93 | 44.81 | 45.22 | 45.29 |
| 54.0 | 41.84 | 42.52 | 43.61 | 44.00 | 42.44 | 41.72 | 41.41 | 41.44 | 41.74 | 41.94 |
| 57.0 | 38.25 | 38.99 | 40.10 | 40.48 | 38.84 | 38.18 | 37.80 | 37.62 | 38.18 | 38.23 |
| 60.0 | 34.55 | 35.35 | 36.56 | 36.99 | 35.12 | 34.52 | 34.07 | 34.07 | 34.49 | 34.89 |
| 63.0 | 30.79 | 31.48 | 32.78 | 33.22 | 31.30 | 30.63 | 30.28 | 30.21 | 30.71 | 31.26 |
| 66.0 | 26.97 | 27.75 | 28.85 | 29.42 | 27.41 | 26.90 | 26.45 | 26.35 | 26.88 | 27.93 |
| 69.0 | 23.07 | 23.79 | 24.80 | 25.25 | 23.51 | 22.92 | 22.56 | 22.60 | 22.99 | 24.23 |
| 72.0 | 19.19 | 19.82 | 20.77 | 21.15 | 19.81 | 18.96 | 18.62 | 18.54 | 19.06 | 20.03 |
| 75.0 | 15.32 | 15.97 | 16.75 | 17.04 | 15.89 | 15.12 | 14.74 | 14.75 | 15.18 | 15.90 |
| 78.0 | 11.55 | 12.11 | 12.79 | 13.13 | 11.94 | 11.29 | 11.00 | 11.10 | 11.45 | 12.17 |
| 81.0 | 8.038 | 8.529 | 9.039 | 9.116 | 8.204 | 7.781 | 7.481 | 7.507 | 7.852 | 8.327 |
| 84.0 | 4.938 | 5.490 | 5.742 | 5.982 | 5.028 | 4.882 | 4.538 | 4.478 | 4.703 | 5.167 |
| 87.0 | 2.751 | 3.187 | 3.325 | 3.378 | 2.856 | 2.761 | 2.427 | 2.472 | 2.397 | 2.749 |
| 90.0 | 1.441 | 1.873 | 2.334 | 2.372 | 1.987 | 1.672 | 1.193 | 1.324 | 1.381 | 1.645 |
| 93.0 | 0.8805 | 1.397 | 2.186 | 2.382 | 1.865 | 1.286 | 0.6780 | 0.9855 | 1.201 | 1.573 |
| 96.0 | 0.7992 | 1.347 | 2.174 | 2.337 | 1.849 | 1.241 | 0.6132 | 0.9299 | 1.161 | 1.483 |
| 99.0 | 0.8160 | 1.332 | 2.161 | 2.311 | 1.838 | 1.232 | 0.6081 | 0.8897 | 1.151 | 1.463 |
| 102.0 | 0.8327 | 1.332 | 2.149 | 2.287 | 1.834 | 1.225 | 0.6081 | 0.8545 | 1.151 | 1.412 |
| 105.0 | 0.8490 | 1.332 | 2.136 | 2.256 | 1.831 | 1.221 | 0.6081 | 0.8500 | 1.151 | 1.372 |
| 108.0 | 0.8642 | 1.332 | 2.071 | 2.216 | 1.818 | 1.223 | 0.6184 | 0.8508 | 1.151 | 1.342 |
| 111.0 | 0.9093 | 1.332 | 2.000 | 2.171 | 1.804 | 1.225 | 0.6585 | 0.8517 | 1.151 | 1.307 |
| 114.0 | 0.9247 | 1.332 | 1.940 | 2.131 | 1.769 | 1.226 | 0.6937 | 0.8526 | 1.151 | 1.287 |
| 117.0 | 0.9548 | 1.332 | 1.880 | 2.040 | 1.734 | 1.225 | 0.7239 | 0.8535 | 1.151 | 1.262 |
| 120.0 | 0.9952 | 1.332 | 1.824 | 1.960 | 1.699 | 1.229 | 0.7641 | 0.8543 | 1.151 | 1.241 |
| 123.0 | 1.020 | 1.332 | 1.769 | 1.885 | 1.654 | 1.232 | 0.8092 | 0.8744 | 1.151 | 1.226 |
| 126.0 | 1.065 | 1.332 | 1.709 | 1.809 | 1.613 | 1.235 | 0.8495 | 0.9046 | 1.153 | 1.221 |
| 129.0 | 1.081 | 1.332 | 1.649 | 1.744 | 1.578 | 1.246 | 0.8897 | 0.9247 | 1.156 | 1.216 |
| 132.0 | 1.116 | 1.332 | 1.608 | 1.668 | 1.543 | 1.256 | 0.9350 | 0.9548 | 1.162 | 1.220 |
| 135.0 | 1.156 | 1.332 | 1.573 | 1.608 | 1.503 | 1.272 | 0.9802 | 0.9901 | 1.171 | 1.224 |
| 138.0 | 1.171 | 1.332 | 1.533 | 1.573 | 1.473 | 1.282 | 1.030 | 1.015 | 1.181 | 1.228 |
| 141.0 | 1.201 | 1.337 | 1.503 | 1.518 | 1.447 | 1.297 | 1.071 | 1.065 | 1.196 | 1.232 |
| 144.0 | 1.251 | 1.342 | 1.478 | 1.487 | 1.422 | 1.312 | 1.121 | 1.091 | 1.206 | 1.236 |
| 147.0 | 1.256 | 1.352 | 1.463 | 1.479 | 1.414 | 1.327 | 1.161 | 1.136 | 1.226 | 1.240 |
| 150.0 | 1.286 | 1.362 | 1.447 | 1.471 | 1.406 | 1.352 | 1.201 | 1.166 | 1.252 | 1.244 |
| 153.0 | 1.322 | 1.382 | 1.438 | 1.463 | 1.407 | 1.377 | 1.247 | 1.206 | 1.277 | 1.241 |
| 156.0 | 1.337 | 1.397 | 1.432 | 1.452 | 1.407 | 1.397 | 1.287 | 1.251 | 1.307 | 1.251 |
| 159.0 | 1.362 | 1.422 | 1.431 | 1.463 | 1.407 | 1.417 | 1.322 | 1.276 | 1.347 | 1.291 |
| 162.0 | 1.387 | 1.437 | 1.433 | 1.473 | 1.408 | 1.432 | 1.362 | 1.317 | 1.377 | 1.322 |
| 165.0 | 1.402 | 1.448 | 1.434 | 1.483 | 1.411 | 1.439 | 1.392 | 1.347 | 1.412 | 1.347 |
| 168.0 | 1.422 | 1.449 | 1.436 | 1.483 | 1.417 | 1.441 | 1.432 | 1.392 | 1.437 | 1.402 |
| 171.0 | 1.432 | 1.450 | 1.439 | 1.483 | 1.432 | 1.443 | 1.453 | 1.407 | 1.446 | 1.411 |
| 174.0 | 1.442 | 1.451 | 1.442 | 1.483 | 1.442 | 1.445 | 1.455 | 1.422 | 1.452 | 1.427 |
| 177.0 | 1.452 | 1.452 | 1.452 | 1.483 | 1.447 | 1.447 | 1.457 | 1.432 | 1.457 | 1.442 |
| 180.0 | 1.452 | 1.452 | 1.462 | 1.483 | 1.447 | 1.447 | 1.452 | 1.447 | 1.457 | 1.462 |
| G/C | 300.0 | 330.0 | | | | | | | | |
| 0.0 | 77.36 | 77.22 | | | | | | | | |
| 3.0 | 77.22 | 77.13 | | | | | | | | |
| 6.0 | 76.84 | 76.74 | | | | | | | | |
| 9.0 | 76.24 | 76.12 | | | | | | | | |
| 12.0 | 75.38 | 75.23 | | | | | | | | |
| 15.0 | 74.28 | 74.09 | | | | | | | | |
| 18.0 | 72.99 | 72.74 | | | | | | | | |
| 21.0 | 71.40 | 71.14 | | | | | | | | |
| 24.0 | 69.67 | 69.32 | | | | | | | | |
| 27.0 | 67.64 | 67.34 | | | | | | | | |
| 30.0 | 65.44 | 65.13 | | | | | | | | |

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: HXJ
 Test Date: 2022-03-30

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:

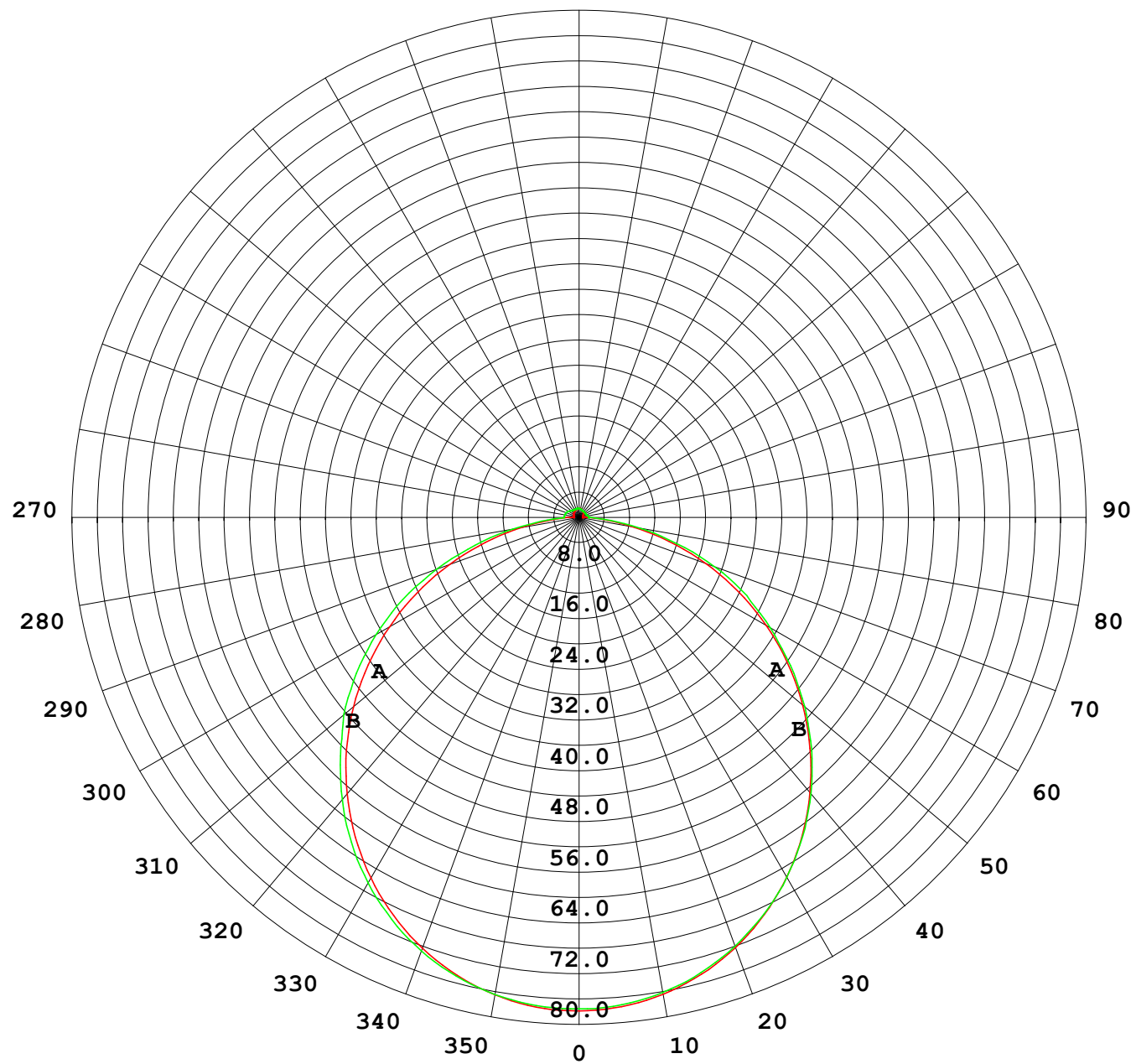
Photometric Data Table [cd]

| | | |
|-------|-------|--------|
| 33.0 | 63.08 | 62.73 |
| 36.0 | 60.51 | 60.17 |
| 39.0 | 57.78 | 57.41 |
| 42.0 | 54.84 | 54.48 |
| 45.0 | 51.76 | 51.50 |
| 48.0 | 48.59 | 48.29 |
| 51.0 | 45.26 | 44.98 |
| 54.0 | 41.81 | 41.54 |
| 57.0 | 38.28 | 37.96 |
| 60.0 | 34.66 | 34.28 |
| 63.0 | 30.97 | 30.62 |
| 66.0 | 27.24 | 26.81 |
| 69.0 | 23.43 | 22.92 |
| 72.0 | 19.48 | 19.10 |
| 75.0 | 15.63 | 15.25 |
| 78.0 | 11.92 | 11.48 |
| 81.0 | 8.379 | 7.960 |
| 84.0 | 5.100 | 4.814 |
| 87.0 | 2.663 | 2.509 |
| 90.0 | 1.501 | 1.224 |
| 93.0 | 1.241 | 0.7243 |
| 96.0 | 1.161 | 0.6584 |
| 99.0 | 1.126 | 0.6634 |
| 102.0 | 1.107 | 0.6683 |
| 105.0 | 1.097 | 0.6733 |
| 108.0 | 1.090 | 0.6834 |
| 111.0 | 1.087 | 0.6935 |
| 114.0 | 1.084 | 0.7186 |
| 117.0 | 1.081 | 0.7538 |
| 120.0 | 1.078 | 0.7639 |
| 123.0 | 1.079 | 0.7940 |
| 126.0 | 1.080 | 0.8543 |
| 129.0 | 1.081 | 0.8663 |
| 132.0 | 1.101 | 0.8944 |
| 135.0 | 1.113 | 0.9298 |
| 138.0 | 1.131 | 0.9598 |
| 141.0 | 1.146 | 0.9951 |
| 144.0 | 1.166 | 1.045 |
| 147.0 | 1.196 | 1.081 |
| 150.0 | 1.226 | 1.121 |
| 153.0 | 1.252 | 1.161 |
| 156.0 | 1.287 | 1.201 |
| 159.0 | 1.317 | 1.246 |
| 162.0 | 1.357 | 1.281 |
| 165.0 | 1.387 | 1.322 |
| 168.0 | 1.417 | 1.342 |
| 171.0 | 1.447 | 1.377 |
| 174.0 | 1.455 | 1.407 |
| 177.0 | 1.462 | 1.412 |
| 180.0 | 1.462 | 1.432 |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-30

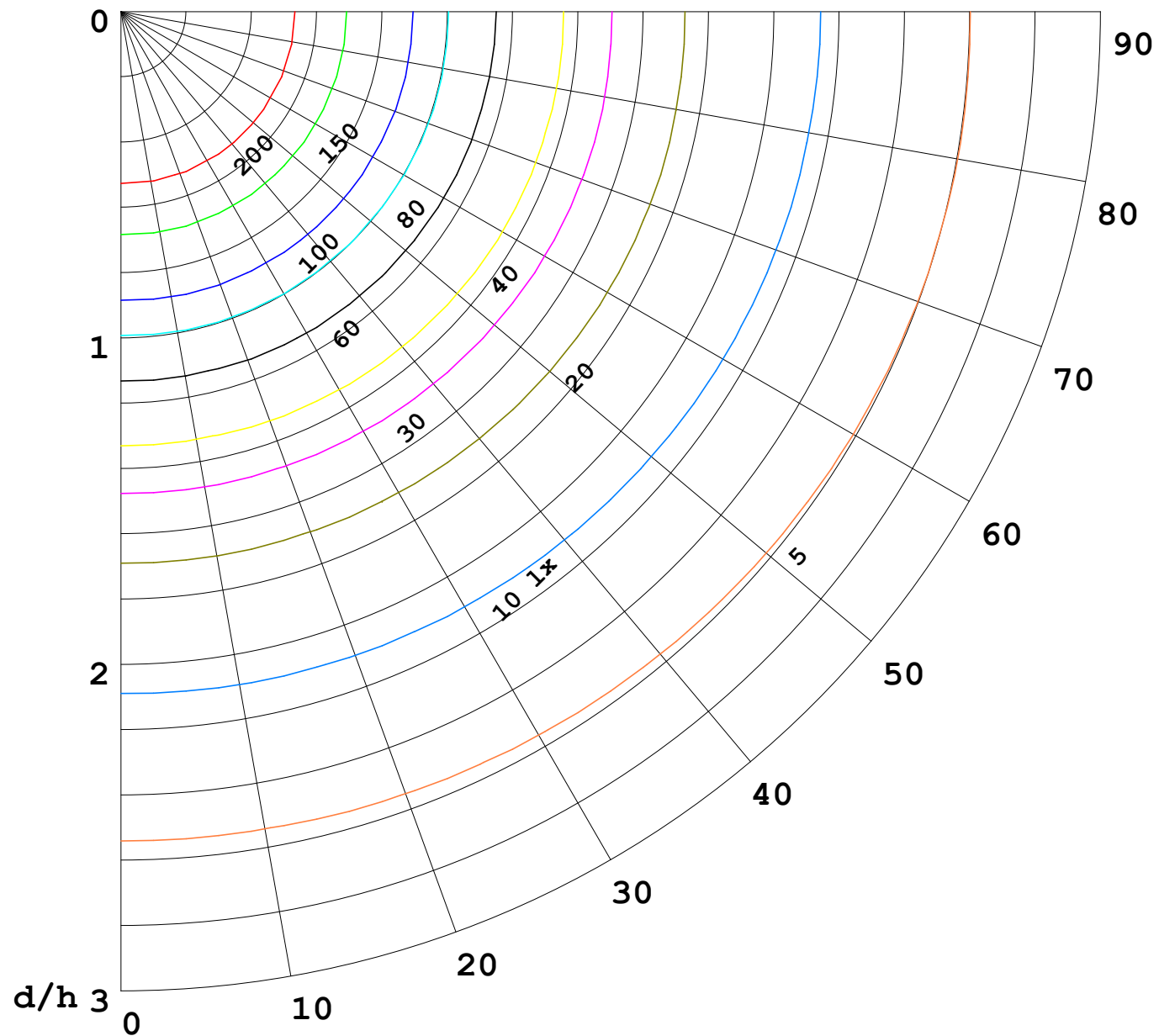
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

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 |

