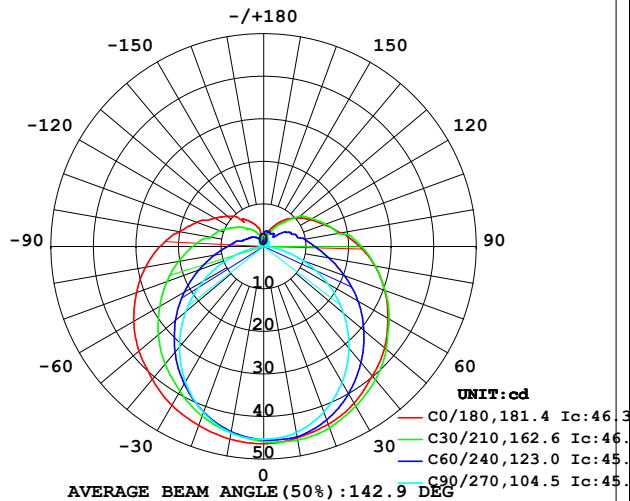


LUMINAIRE PHOTOMETRIC TEST REPORT

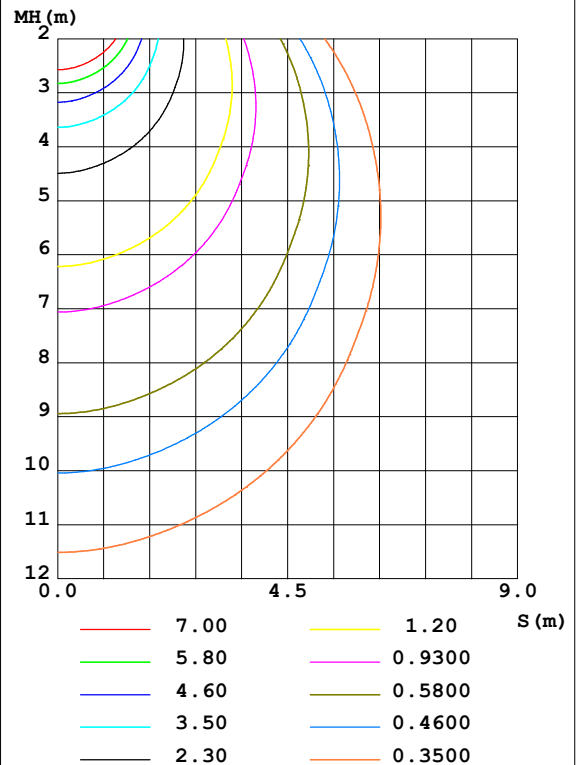
| | | |
|---|-------------------|-----------------------|
| Test:U:24.00V I:0.3311A P:7.946W PF:1.000 Freq:50.00Hz Lamp Flux:223.666x1 lm | | |
| NAME: SF21-24V-2835-120-2200+5700-80-5700 | TYPE: 硅胶 | WEIGHT: |
| SPEC.: | DIM.: 28mm*11.5mm | SERIAL No.:2021120807 |
| MFR.: OLYMPIA | SUR.:1*0.016 | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 28.15 lm/W | | | |
|-------------------|---------|----------------------------------|---------|---------------------|------------|
| MODEL | 2835 | I _{max} (cd) | 46.37 | S/MH (C0/180) | 1.40 |
| NOMINAL POWER (W) | 7.5 | LOR (%) | 100.0 | S/MH (C90/270) | 1.21 |
| RATED VOLTAGE (V) | 24 | TOTAL FLUX (lm) | 223.67 | η UP, DN (C0-180) | 10.7, 38.5 |
| NOMINAL FLUX (lm) | 223.666 | CIE CLASS | SEMI-D. | η UP, DN (C180-360) | 11.4, 39.4 |
| LAMPS INSIDE | 1 | η up (%) | 22.1 | CIBSE SHR NOM | 1.50 |
| TEST VOLTAGE (V) | 24 | η down (%) | 77.9 | 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: 2021-12-08

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:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | %lum, lamp |
|----------|-----------------------|-------|--------|-------|-------|-------|--------|-------|----------|-------------|--------------|------------|
| 10 | 45.68 | 45.81 | 44.43 | 43.97 | 45.98 | 44.34 | 44.47 | 45.66 | 0- 10 | 4.326 | 4.326 | 1.93,1.93 |
| 20 | 44.46 | 44.38 | 41.42 | 41.34 | 44.74 | 41.91 | 41.49 | 44.45 | 10- 20 | 12.48 | 16.80 | 7.51,7.51 |
| 30 | 42.55 | 41.64 | 36.94 | 37.69 | 43.15 | 38.36 | 36.80 | 42.00 | 20- 30 | 19.18 | 35.98 | 16.1,16.1 |
| 40 | 39.75 | 38.25 | 31.16 | 33.57 | 40.74 | 34.27 | 30.83 | 38.90 | 30- 40 | 23.83 | 59.81 | 26.7,26.7 |
| 50 | 37.10 | 34.18 | 24.53 | 28.96 | 38.28 | 29.72 | 23.95 | 35.08 | 40- 50 | 26.19 | 86.00 | 38.5,38.5 |
| 60 | 33.76 | 29.84 | 17.35 | 24.14 | 35.27 | 24.90 | 16.48 | 30.67 | 50- 60 | 26.20 | 112.2 | 50.2,50.2 |
| 70 | 30.28 | 25.28 | 9.934 | 19.49 | 31.82 | 20.21 | 9.012 | 26.25 | 60- 70 | 24.19 | 136.4 | 61,61 |
| 80 | 26.57 | 21.10 | 3.212 | 15.39 | 28.23 | 16.06 | 2.597 | 22.01 | 70- 80 | 20.79 | 157.2 | 70.3,70.3 |
| 90 | 22.57 | 17.52 | 0.6534 | 12.06 | 24.38 | 12.60 | 0.4938 | 18.41 | 80- 90 | 17.08 | 174.3 | 77.9,77.9 |
| 100 | 18.36 | 13.75 | 0.7291 | 9.296 | 20.07 | 9.702 | 0.5526 | 14.50 | 90-100 | 13.98 | 188.2 | 84.2,84.2 |
| 110 | 15.18 | 11.77 | 0.9349 | 7.542 | 16.71 | 7.896 | 0.6071 | 12.21 | 100-110 | 10.82 | 199.0 | 89,89 |
| 120 | 12.67 | 9.966 | 1.171 | 5.998 | 13.33 | 6.436 | 0.8842 | 10.17 | 110-120 | 8.441 | 207.5 | 92.8,92.8 |
| 130 | 10.47 | 7.562 | 1.402 | 4.953 | 11.09 | 5.265 | 1.241 | 8.580 | 120-130 | 6.393 | 213.9 | 95.6,95.6 |
| 140 | 8.345 | 5.655 | 1.583 | 3.892 | 8.321 | 4.152 | 1.563 | 6.211 | 130-140 | 4.405 | 218.3 | 97.6,97.6 |
| 150 | 6.013 | 4.258 | 1.860 | 2.757 | 6.954 | 3.068 | 1.899 | 4.873 | 140-150 | 2.798 | 221.1 | 98.8,98.8 |
| 160 | 4.048 | 3.228 | 2.232 | 1.873 | 5.210 | 2.223 | 2.241 | 3.990 | 150-160 | 1.600 | 222.7 | 99.6,99.6 |
| 170 | 1.780 | 3.227 | 2.573 | 1.410 | 2.150 | 1.180 | 2.618 | 3.646 | 160-170 | 0.7655 | 223.4 | 99.9,99.9 |
| 180 | 1.176 | 1.714 | 2.633 | 2.611 | 1.226 | 1.435 | 2.885 | 2.623 | 170-180 | 0.2164 | 223.7 | 100,100 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

Conical surface Flux(90deg): 72.759 lm

%lum = 32.5%

%lamp = 32.5%

Conical surface Flux(120deg): 112.21 lm

%lum = 50.2%

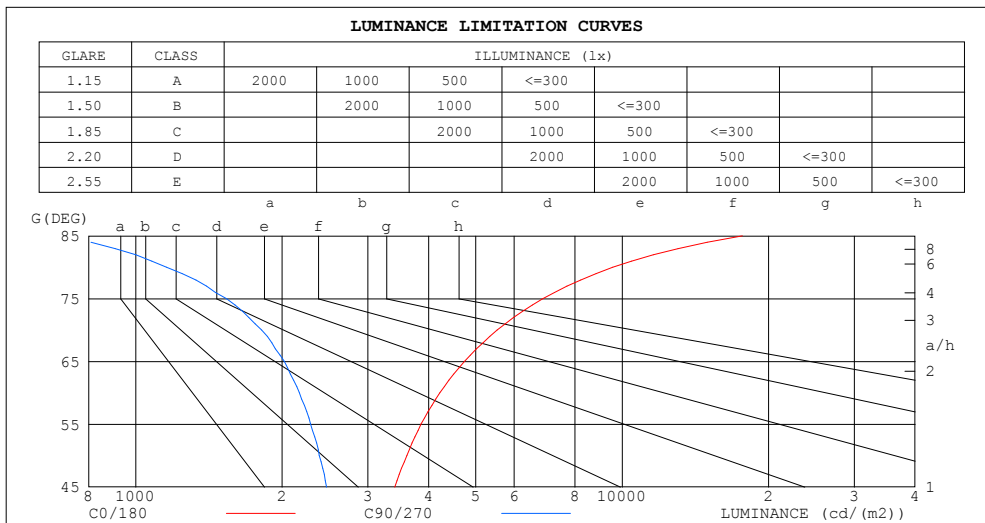
%lamp = 50.2%

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LPC
 Test Date:2021-12-08

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:0.3311A P:7.946W PF:1.000 Freq:50.00Hz Lamp Flux:223.666x1 lm | | |
| NAME: SF21-24V-2835-120-2200+5700-80-5700 | TYPE: 硅胶 | WEIGHT: |
| SPEC.: | DIM.: 28mm*11.5mm | SERIAL No.:2021120807 |
| MFR.: OLYMPIA | SUR.:1*0.016 | Shielding Angle: |



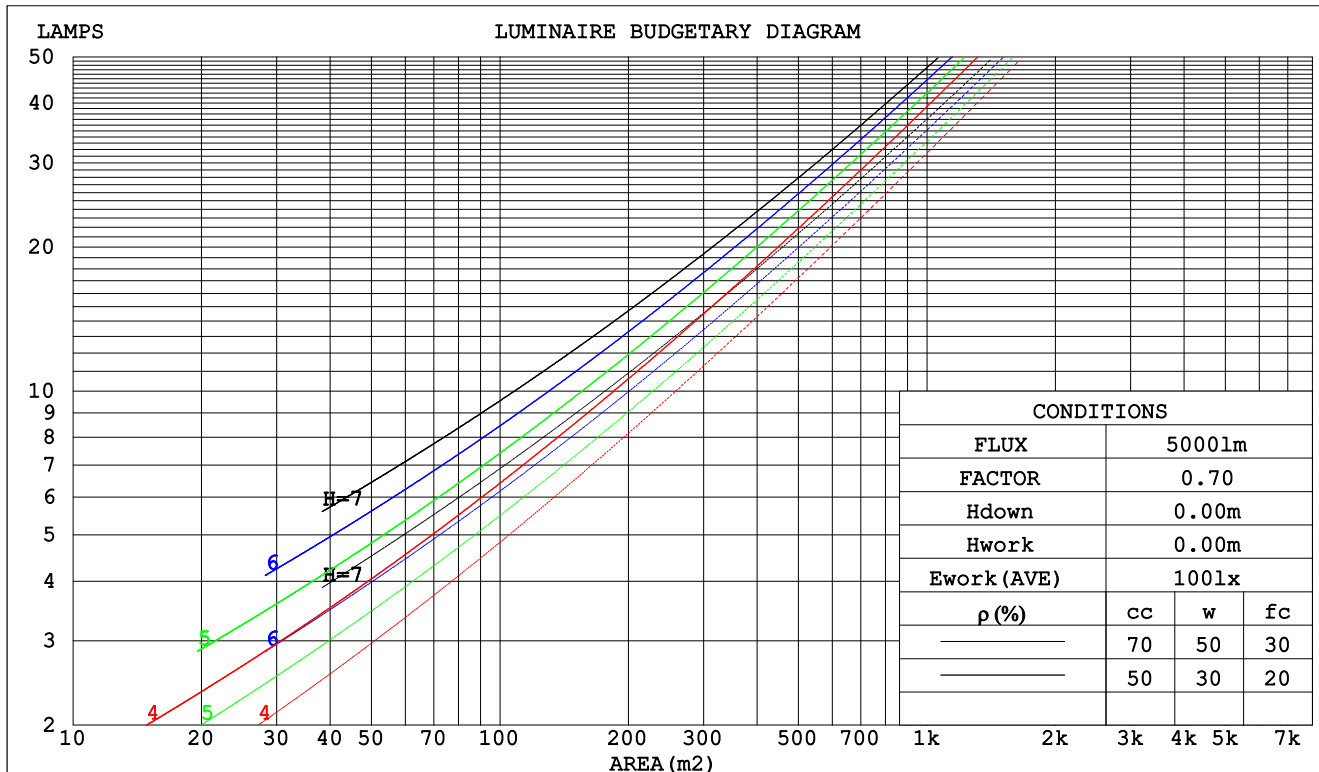
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-08

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:0.3311A P:7.946W PF:1.000 Freq:50.00Hz Lamp Flux:223.666x1 lm | | |
| NAME: SF21-24V-2835-120-2200+5700-80-5700 | TYPE: 硅胶 | WEIGHT: |
| SPEC.: | DIM.: 28mm*11.5mm | SERIAL No.:2021120807 |
| 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 | .65 | .62 | .59 |
| 2.0 | .81 | .73 | .66 | .77 | .70 | .64 | .70 | .64 | .59 | .63 | .59 | .54 | .57 | .53 | .50 | .47 |
| 3.0 | .70 | .61 | .54 | .67 | .59 | .52 | .61 | .54 | .48 | .55 | .49 | .45 | .50 | .45 | .41 | .38 |
| 4.0 | .62 | .52 | .45 | .59 | .50 | .43 | .53 | .46 | .40 | .48 | .42 | .38 | .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 | .40 | .33 | .47 | .38 | .32 | .43 | .35 | .30 | .39 | .33 | .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 | .37 | .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 | .18 | .25 | .20 | .16 | .15 |



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LPC
 Test Date:2021-12-08

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:0.3311A P:7.946W PF:1.000 Freq:50.00Hz Lamp Flux:223.666x1 lm | | |
| NAME: SF21-24V-2835-120-2200+5700-80-5700 | TYPE: 硅胶 | WEIGHT: |
| SPEC.: | DIM.: 28mm*11.5mm | SERIAL No.:2021120807 |
| 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 | .386 | .219 | .069 | .372 | .212 | .067 | .346 | .198 | .063 | .322 | .185 | .060 | .299 | .174 | .056 | | |
| 2.0 | .333 | .182 | .056 | .320 | .176 | .054 | .296 | .165 | .051 | .274 | .154 | .048 | .254 | .144 | .045 | | |
| 3.0 | .295 | .157 | .047 | .283 | .152 | .046 | .262 | .142 | .043 | .242 | .133 | .041 | .224 | .124 | .038 | | |
| 4.0 | .265 | .138 | .041 | .255 | .133 | .039 | .235 | .125 | .037 | .217 | .117 | .035 | .200 | .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 | .203 | .101 | .029 | .196 | .097 | .028 | .181 | .091 | .026 | .167 | .086 | .025 | .154 | .080 | .023 | | |
| 8.0 | .189 | .092 | .026 | .181 | .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 | .359 | .359 | .359 | .307 | .307 | .307 | .209 | .209 | .209 | .120 | .120 | .120 | .038 | .038 | .038 | | |
| 1.0 | .355 | .325 | .298 | .304 | .279 | .257 | .208 | .192 | .177 | .120 | .111 | .103 | .038 | .036 | .033 | | |
| 2.0 | .349 | .303 | .264 | .299 | .260 | .228 | .205 | .180 | .159 | .118 | .105 | .093 | .038 | .034 | .030 | | |
| 3.0 | .341 | .286 | .243 | .292 | .247 | .210 | .201 | .172 | .148 | .116 | .100 | .087 | .037 | .033 | .028 | | |
| 4.0 | .333 | .274 | .228 | .286 | .237 | .198 | .197 | .165 | .140 | .114 | .097 | .083 | .037 | .031 | .027 | | |
| 5.0 | .326 | .264 | .219 | .280 | .229 | .190 | .193 | .160 | .134 | .112 | .094 | .080 | .036 | .031 | .026 | | |
| 6.0 | .318 | .256 | .212 | .274 | .222 | .184 | .189 | .155 | .130 | .109 | .091 | .078 | .035 | .030 | .026 | | |
| 7.0 | .311 | .250 | .207 | .268 | .216 | .180 | .185 | .152 | .128 | .107 | .089 | .076 | .035 | .029 | .025 | | |
| 8.0 | .305 | .244 | .203 | .262 | .212 | .177 | .181 | .149 | .125 | .106 | .088 | .075 | .034 | .029 | .025 | | |
| 9.0 | .298 | .239 | .200 | .257 | .208 | .174 | .178 | .146 | .124 | .104 | .086 | .074 | .034 | .028 | .024 | | |
| 10.0 | .293 | .235 | .197 | .252 | .204 | .172 | .175 | .144 | .122 | .102 | .085 | .073 | .033 | .028 | .024 | | |

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LPC
 Test Date:2021-12-08

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:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | | |
|---|---------------|------------------|------|------|------|-------------------|----------------|------|-----------------------|------|------|
| Test:U:24.00V I:0.3311A P:7.946W PF:1.000 Freq:50.00Hz Lamp Flux:223.666x1 lm | | | | | | | | | | | |
| NAME: SF21-24V-2835-120-2200+5700-80-5700 | | | | | | TYPE:硅胶 | | | WEIGHT: | | |
| SPEC.: | | | | | | DIM.: 28mm*11.5mm | | | SERIAL No.:2021120807 | | |
| MFR.: OLYMPIA | | | | | | SUR.:1*0.016 | | | Shielding 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 | 22.2 | 23.5 | 22.7 | 24.1 | 24.7 | 19.7 | 21.0 | 20.3 | 21.6 | 22.2 | |
| | 3H | 24.9 | 26.1 | 25.5 | 26.7 | 27.4 | 21.1 | 22.4 | 21.7 | 23.0 | 23.6 |
| | 4H | 26.4 | 27.6 | 27.0 | 28.2 | 28.9 | 21.7 | 22.8 | 22.3 | 23.5 | 24.2 |
| | 6H | 28.1 | 29.1 | 28.7 | 29.8 | 30.5 | 22.0 | 23.1 | 22.7 | 23.8 | 24.5 |
| | 8H | 29.0 | 30.0 | 29.6 | 30.7 | 31.4 | 22.1 | 23.2 | 22.8 | 23.8 | 24.6 |
| | 12H | 30.0 | 31.0 | 30.7 | 31.7 | 32.5 | 22.2 | 23.2 | 22.8 | 23.8 | 24.6 |
| 4H | 2H | 22.8 | 24.0 | 23.4 | 24.6 | 25.3 | 21.1 | 22.2 | 21.7 | 22.8 | 23.5 |
| | 3H | 25.8 | 26.8 | 26.5 | 27.5 | 28.2 | 22.9 | 23.9 | 23.5 | 24.5 | 25.3 |
| | 4H | 27.5 | 28.5 | 28.2 | 29.1 | 29.9 | 23.7 | 24.6 | 24.3 | 25.3 | 26.0 |
| | 6H | 29.4 | 30.2 | 30.1 | 30.9 | 31.8 | 24.3 | 25.1 | 25.0 | 25.8 | 26.6 |
| | 8H | 30.4 | 31.2 | 31.2 | 31.9 | 32.8 | 24.5 | 25.3 | 25.2 | 26.0 | 26.8 |
| | 12H | 31.6 | 32.3 | 32.3 | 33.1 | 33.9 | 24.6 | 25.3 | 25.3 | 26.1 | 26.9 |
| 8H | 4H | 27.9 | 28.7 | 28.7 | 29.4 | 30.3 | 25.0 | 25.8 | 25.7 | 26.5 | 27.3 |
| | 6H | 30.2 | 30.8 | 30.9 | 31.6 | 32.5 | 26.1 | 26.7 | 26.8 | 27.5 | 28.4 |
| | 8H | 31.5 | 32.0 | 32.2 | 32.8 | 33.7 | 26.6 | 27.2 | 27.3 | 27.9 | 28.8 |
| | 12H | 32.9 | 33.4 | 33.7 | 34.2 | 35.1 | 27.0 | 27.5 | 27.7 | 28.2 | 29.2 |
| 12H | 4H | 28.0 | 28.7 | 28.7 | 29.4 | 30.3 | 25.4 | 26.2 | 26.2 | 26.9 | 27.7 |
| | 6H | 30.3 | 30.9 | 31.1 | 31.7 | 32.6 | 26.8 | 27.4 | 27.6 | 28.2 | 29.1 |
| | 8H | 31.7 | 32.3 | 32.5 | 33.0 | 33.9 | 27.5 | 28.0 | 28.3 | 28.8 | 29.7 |
| Variations with the observer position at spacings: | | | | | | | | | | | |
| S = 1.0H | + 0.1 / - 0.1 | | | | | + 0.1 / - 0.1 | | | | | |
| 1.5H | + 0.2 / - 0.3 | | | | | + 0.2 / - 0.3 | | | | | |
| 2.0H | + 0.3 / - 0.4 | | | | | + 0.3 / - 0.4 | | | | | |

CIE Pub.117, 223.7 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -5.2)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-08

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:0.3311A P:7.946W PF:1.000 Freq:50.00Hz Lamp Flux:223.666x1 lm | | |
| NAME: SF21-24V-2835-120-2200+5700-80-5700 | TYPE: 硅胶 | WEIGHT: |
| SPEC.: | DIM.: 28mm*11.5mm | SERIAL No.:2021120807 |
| MFR.: OLYMPIA | SUR.:1*0.016 | Shielding Angle: |

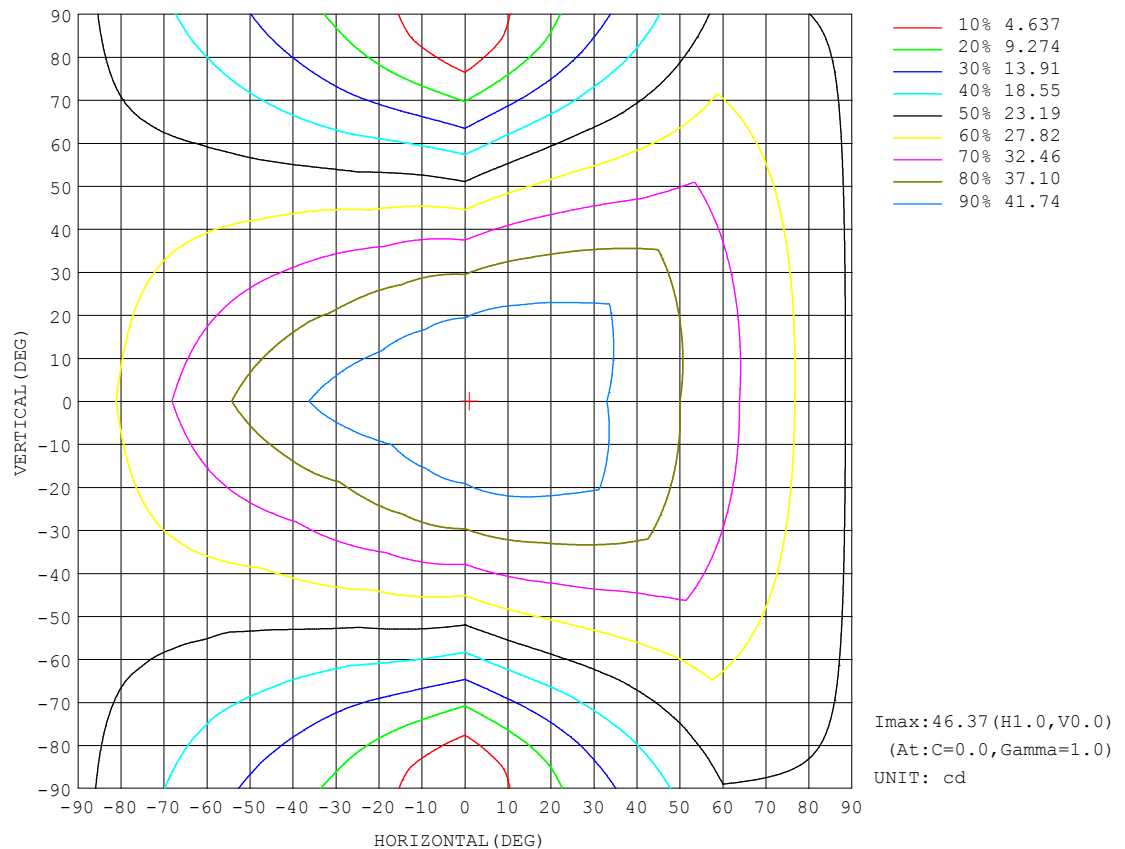
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 47 | 34 | 27 | 45 | 34 | 27 | 43 | 33 | 26 | 19 |
| 0.80 | 56 | 43 | 35 | 54 | 42 | 34 | 51 | 40 | 33 | 25 |
| 1.00 | 63 | 50 | 42 | 61 | 49 | 41 | 57 | 49 | 40 | 31 |
| 1.25 | 70 | 57 | 49 | 68 | 56 | 48 | 63 | 53 | 46 | 36 |
| 1.50 | 75 | 63 | 54 | 72 | 61 | 53 | 67 | 58 | 51 | 40 |
| 2.00 | 83 | 71 | 63 | 79 | 69 | 61 | 73 | 65 | 58 | 46 |
| 2.50 | 87 | 77 | 69 | 83 | 74 | 67 | 77 | 69 | 63 | 49 |
| 3.00 | 91 | 81 | 74 | 87 | 78 | 71 | 80 | 73 | 67 | 53 |
| 4.00 | 96 | 87 | 81 | 91 | 84 | 78 | 84 | 78 | 73 | 57 |
| 5.00 | 99 | 92 | 86 | 94 | 88 | 82 | 86 | 81 | 77 | 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:2021-12-08

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:0.3311A P:7.946W PF:1.000 Freq:50.00Hz Lamp Flux:223.666x1 lm | | |
| NAME: SF21-24V-2835-120-2200+5700-80-5700 | TYPE:硅胶 | WEIGHT: |
| SPEC.: | DIM.: 28mm*11.5mm | SERIAL No.:2021120807 |
| 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:2021-12-08

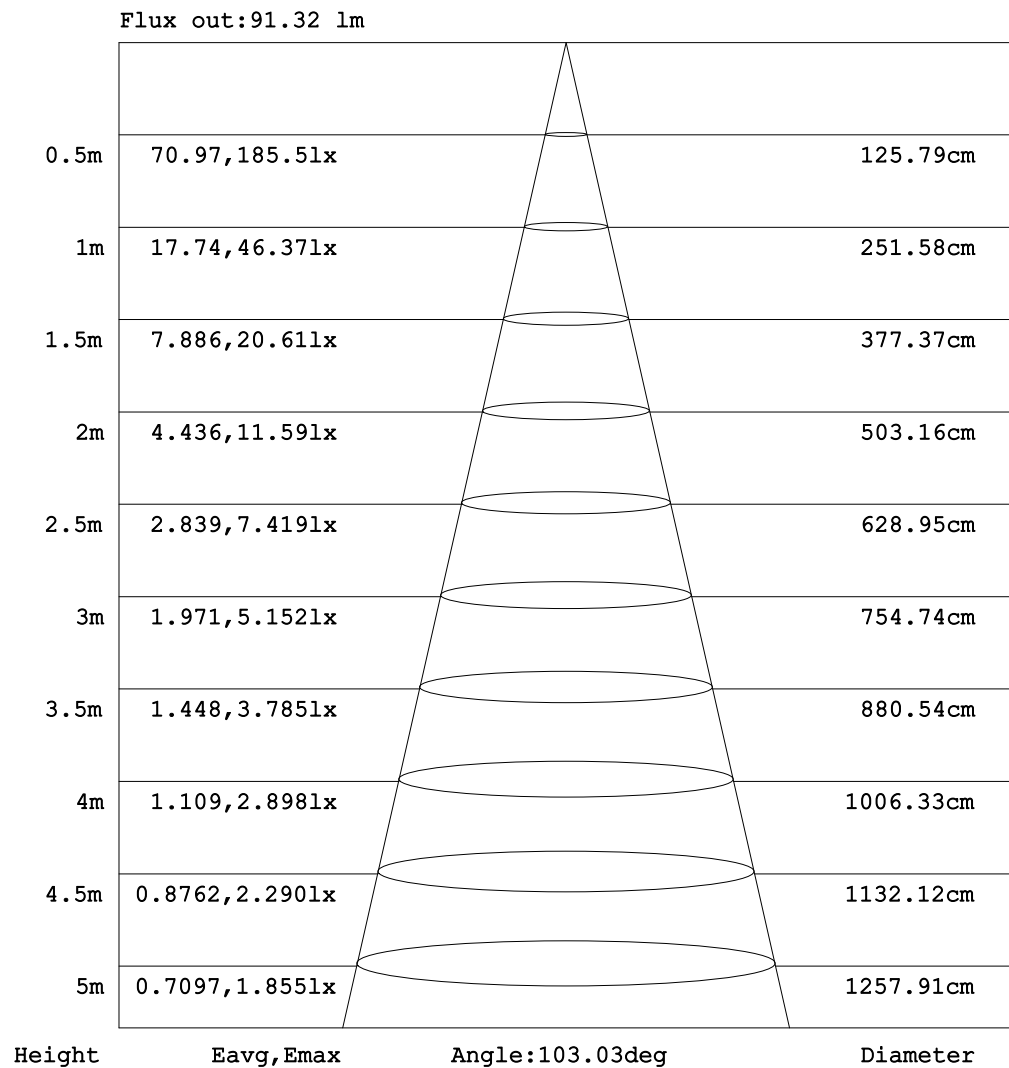
```

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:

```


AAI Figure

| | | |
|---|-------------------|-----------------------|
| Test:U:24.00V I:0.3311A P:7.946W PF:1.000 Freq:50.00Hz Lamp Flux:223.666x1 lm | | |
| NAME: SF21-24V-2835-120-2200+5700-80-5700 | TYPE: 硅胶 | WEIGHT: |
| SPEC.: | DIM.: 28mm*11.5mm | SERIAL No.:2021120807 |
| MFR.: OLYMPIA | SUR.:1*0.016 | Shielding Angle: |



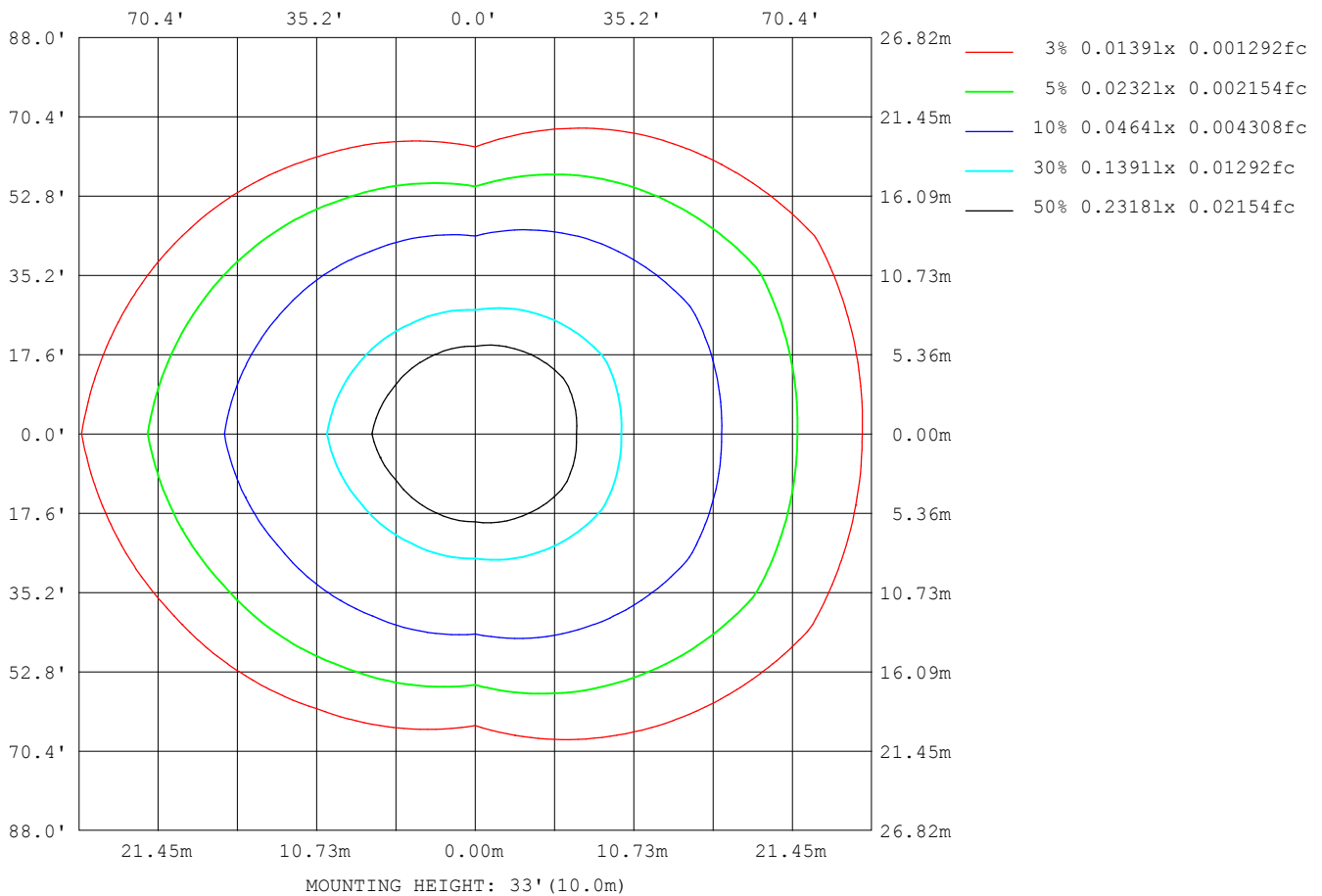
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LPC
 Test Date: 2021-12-08

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:

ISOLUX DIAGRAM

| | | |
|---|-------------------|-----------------------|
| Test:U:24.00V I:0.3311A P:7.946W PF:1.000 Freq:50.00Hz Lamp Flux:223.666x1 lm | | |
| NAME: SF21-24V-2835-120-2200+5700-80-5700 | TYPE: 硅胶 | WEIGHT: |
| SPEC.: | DIM.: 28mm*11.5mm | SERIAL No.:2021120807 |
| 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:2021-12-08

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:

LED Avg.L Report

| | | |
|---|-------------------|-----------------------|
| Test:U:24.00V I:0.3311A P:7.946W PF:1.000 Freq:50.00Hz Lamp Flux:223.666x1 lm | | |
| NAME: SF21-24V-2835-120-2200+5700-80-5700 | TYPE:硅胶 | WEIGHT: |
| SPEC.: | DIM.: 28mm*11.5mm | SERIAL No.:2021120807 |
| MFR.: OLYMPIA | SUR.:1*0.016 | Shielding Angle: |

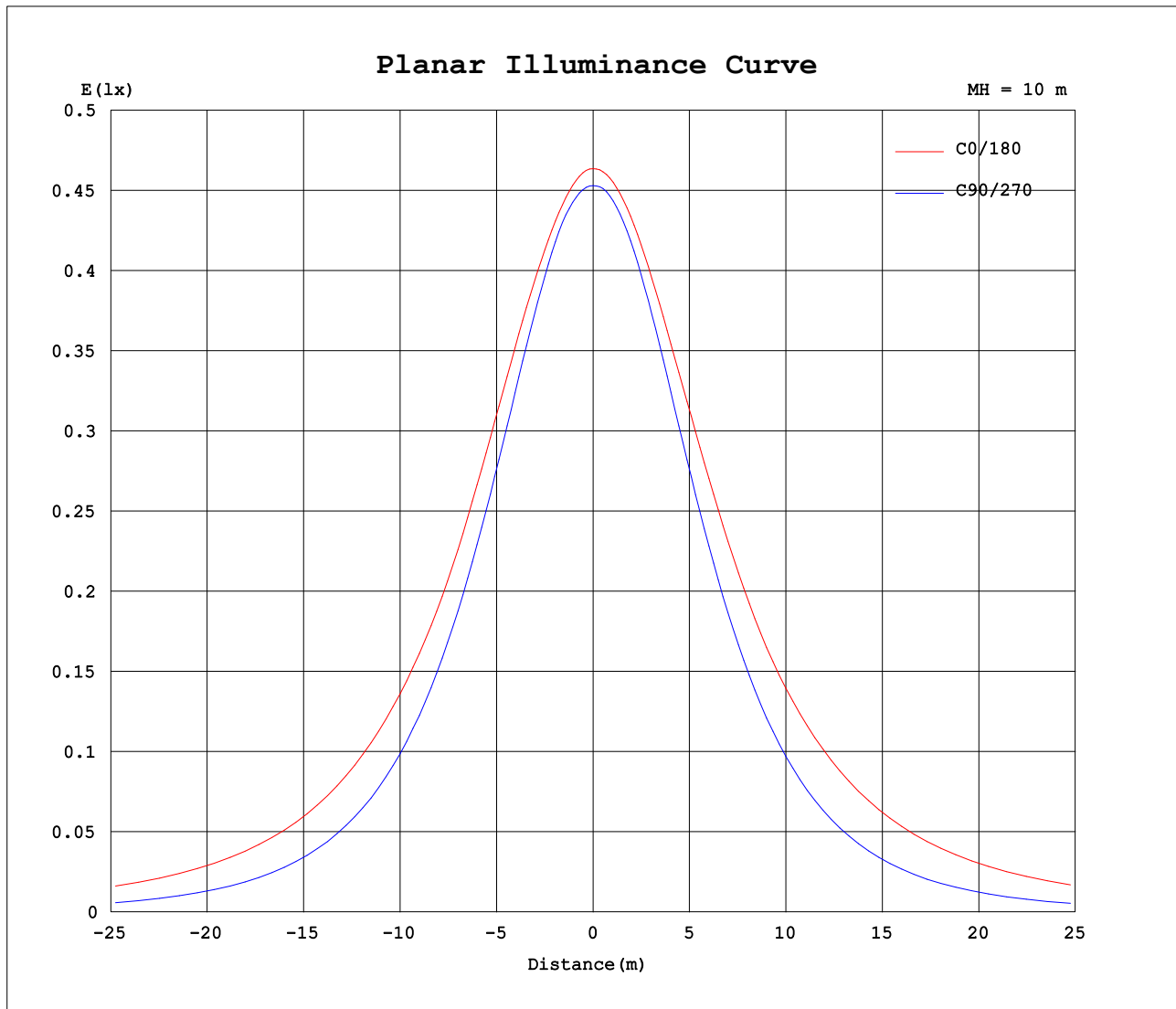
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 4852 |
| L_0~180 (75) av | 7065 |
| L_0~180 (85) av | 18263 |
| L_90~270 (65) av | 1953 |
| L_90~270 (75) av | 1437 |
| L_90~270 (85) av | 580 |
| L_45 (65) av | 3750 |
| L_45 (75) av | 5081 |
| L_45 (85) av | 12361 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-08

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:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LPC
Test Date: 2021-12-08

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---|-------------------|-----------------------|
| Test:U:24.00V I:0.3311A P:7.946W PF:1.000 Freq:50.00Hz Lamp Flux:223.666x1 lm | | |
| NAME: SF21-24V-2835-120-2200+5700-80-5700 | TYPE: 硅胶 | WEIGHT: |
| SPEC.: | DIM.: 28mm*11.5mm | SERIAL No.:2021120807 |
| 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 | 46.4 | 45.9 | 45.5 | 45.3 | 45.4 | 45.4 | 46.4 | 45.9 | 45.5 | 45.3 | 45.4 | 45.4 | | | | | | |
| 5 | 46.2 | 46.1 | 45.6 | 45.1 | 44.8 | 44.7 | 46.3 | 45.3 | 45.0 | 45.2 | 45.5 | 45.8 | | | | | | |
| 10 | 45.7 | 46.2 | 45.4 | 44.4 | 44.0 | 43.9 | 46.0 | 44.5 | 44.2 | 44.5 | 45.3 | 46.1 | | | | | | |
| 15 | 45.1 | 45.9 | 44.6 | 43.1 | 42.7 | 42.9 | 45.5 | 43.6 | 43.0 | 43.2 | 44.6 | 46.0 | | | | | | |
| 20 | 44.5 | 45.4 | 43.4 | 41.4 | 41.0 | 41.6 | 44.7 | 42.4 | 41.4 | 41.5 | 43.4 | 45.5 | | | | | | |
| 25 | 43.6 | 44.4 | 41.8 | 39.3 | 39.1 | 40.0 | 44.0 | 41.0 | 39.5 | 39.3 | 41.9 | 44.8 | | | | | | |
| 30 | 42.6 | 43.3 | 40.0 | 36.9 | 37.0 | 38.4 | 43.1 | 39.3 | 37.4 | 36.8 | 40.1 | 43.9 | | | | | | |
| 35 | 41.1 | 42.2 | 37.8 | 34.2 | 34.6 | 36.8 | 42.1 | 37.7 | 35.0 | 34.0 | 38.2 | 42.8 | | | | | | |
| 40 | 39.8 | 40.9 | 35.6 | 31.2 | 32.0 | 35.1 | 40.7 | 36.1 | 32.4 | 30.8 | 36.1 | 41.7 | | | | | | |
| 45 | 38.5 | 39.4 | 33.2 | 27.9 | 29.4 | 33.2 | 39.5 | 34.3 | 29.7 | 27.5 | 33.9 | 40.3 | | | | | | |
| 50 | 37.1 | 37.6 | 30.8 | 24.5 | 26.8 | 31.2 | 38.3 | 32.3 | 27.1 | 23.9 | 31.4 | 38.8 | | | | | | |
| 55 | 35.4 | 35.7 | 28.2 | 21.0 | 24.0 | 29.1 | 36.9 | 30.3 | 24.4 | 20.3 | 28.9 | 37.0 | | | | | | |
| 60 | 33.8 | 34.1 | 25.6 | 17.4 | 21.2 | 27.1 | 35.3 | 28.2 | 21.6 | 16.5 | 26.2 | 35.1 | | | | | | |
| 65 | 32.1 | 32.3 | 22.9 | 13.7 | 18.5 | 25.1 | 33.6 | 26.2 | 18.8 | 12.8 | 23.5 | 33.5 | | | | | | |
| 70 | 30.3 | 30.4 | 20.2 | 9.93 | 15.9 | 23.1 | 31.8 | 24.2 | 16.2 | 9.01 | 20.8 | 31.7 | | | | | | |
| 75 | 28.5 | 28.5 | 17.8 | 6.36 | 13.5 | 21.2 | 30.1 | 22.3 | 13.8 | 5.54 | 18.3 | 29.8 | | | | | | |
| 80 | 26.6 | 26.7 | 15.5 | 3.21 | 11.5 | 19.2 | 28.2 | 20.4 | 11.8 | 2.60 | 16.0 | 28.0 | | | | | | |
| 85 | 24.6 | 24.8 | 13.6 | 0.98 | 9.79 | 17.4 | 26.3 | 18.5 | 9.96 | 0.64 | 14.0 | 26.2 | | | | | | |
| 90 | 22.6 | 23.0 | 12.1 | 0.65 | 8.42 | 15.7 | 24.4 | 16.7 | 8.52 | 0.49 | 12.4 | 24.4 | | | | | | |
| 95 | 20.6 | 21.2 | 10.8 | 0.67 | 7.44 | 14.2 | 22.4 | 15.1 | 7.47 | 0.48 | 11.1 | 22.7 | | | | | | |
| 100 | 18.4 | 17.7 | 9.83 | 0.73 | 6.74 | 11.9 | 20.1 | 12.7 | 6.72 | 0.55 | 9.78 | 19.2 | | | | | | |
| 105 | 16.7 | 16.7 | 8.29 | 0.86 | 5.01 | 11.2 | 18.3 | 11.9 | 5.19 | 0.60 | 8.42 | 18.1 | | | | | | |
| 110 | 15.2 | 15.5 | 8.07 | 0.93 | 4.70 | 10.4 | 16.7 | 11.0 | 4.79 | 0.61 | 7.89 | 16.5 | | | | | | |
| 115 | 13.9 | 14.2 | 7.23 | 1.04 | 4.25 | 8.92 | 14.6 | 9.87 | 4.28 | 0.71 | 7.34 | 14.9 | | | | | | |
| 120 | 12.7 | 13.1 | 6.83 | 1.17 | 3.93 | 8.07 | 13.3 | 8.82 | 4.05 | 0.88 | 6.78 | 13.6 | | | | | | |
| 125 | 11.6 | 12.1 | 6.00 | 1.29 | 3.73 | 7.32 | 12.2 | 7.87 | 3.74 | 1.08 | 6.30 | 12.5 | | | | | | |
| 130 | 10.5 | 11.0 | 4.10 | 1.40 | 3.34 | 6.57 | 11.1 | 7.04 | 3.49 | 1.24 | 5.81 | 11.4 | | | | | | |
| 135 | 9.38 | 9.19 | 3.20 | 1.51 | 3.09 | 5.76 | 10.0 | 6.26 | 3.14 | 1.43 | 5.31 | 9.80 | | | | | | |
| 140 | 8.35 | 7.44 | 3.87 | 1.58 | 2.71 | 5.07 | 8.32 | 5.51 | 2.79 | 1.56 | 4.65 | 7.77 | | | | | | |
| 145 | 7.19 | 6.37 | 3.74 | 1.64 | 2.28 | 4.32 | 7.89 | 4.79 | 2.45 | 1.70 | 4.17 | 6.84 | | | | | | |
| 150 | 6.01 | 5.02 | 3.49 | 1.86 | 1.83 | 3.69 | 6.95 | 4.12 | 2.02 | 1.90 | 3.80 | 5.94 | | | | | | |
| 155 | 5.02 | 3.74 | 3.57 | 2.05 | 1.52 | 3.05 | 6.13 | 3.48 | 1.46 | 2.08 | 3.76 | 5.09 | | | | | | |
| 160 | 4.05 | 2.79 | 3.66 | 2.23 | 1.55 | 2.20 | 5.21 | 2.88 | 1.57 | 2.24 | 3.81 | 4.17 | | | | | | |
| 165 | 3.36 | 2.45 | 3.70 | 2.42 | 1.18 | 1.61 | 4.52 | 2.10 | 1.25 | 2.43 | 3.82 | 3.52 | | | | | | |
| 170 | 1.78 | 2.78 | 3.67 | 2.57 | 1.15 | 1.67 | 2.15 | 1.19 | 1.17 | 2.62 | 3.73 | 3.56 | | | | | | |
| 175 | 1.43 | 2.88 | 3.54 | 2.68 | 1.13 | 1.28 | 1.76 | 1.15 | 1.13 | 2.77 | 3.60 | 3.51 | | | | | | |
| 180 | 1.18 | 1.13 | 2.30 | 2.63 | 2.82 | 2.40 | 1.23 | 1.14 | 1.73 | 2.88 | 2.79 | 2.46 | | | | | | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-08

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 | 46.37 | 45.87 | 45.47 | 45.31 | 45.37 | 45.36 | 46.37 | 45.87 | 45.47 | 45.31 |
| 3.0 | 46.29 | 46.10 | 45.59 | 45.24 | 45.09 | 44.99 | 46.35 | 45.54 | 45.24 | 45.31 |
| 6.0 | 46.08 | 46.15 | 45.55 | 45.00 | 44.70 | 44.56 | 46.26 | 45.13 | 44.87 | 45.08 |
| 9.0 | 45.78 | 46.20 | 45.50 | 44.64 | 44.20 | 44.10 | 46.06 | 44.66 | 44.39 | 44.66 |
| 12.0 | 45.45 | 46.12 | 45.13 | 43.96 | 43.50 | 43.58 | 45.78 | 44.15 | 43.74 | 44.04 |
| 15.0 | 45.10 | 45.95 | 44.58 | 43.12 | 42.68 | 42.93 | 45.45 | 43.58 | 42.98 | 43.23 |
| 18.0 | 44.74 | 45.66 | 43.91 | 42.15 | 41.74 | 42.21 | 45.03 | 42.93 | 42.06 | 42.26 |
| 21.0 | 44.32 | 45.17 | 43.08 | 41.04 | 40.68 | 41.33 | 44.59 | 42.16 | 41.03 | 41.10 |
| 24.0 | 43.82 | 44.56 | 42.14 | 39.77 | 39.54 | 40.35 | 44.16 | 41.28 | 39.90 | 39.78 |
| 27.0 | 43.23 | 43.96 | 41.11 | 38.39 | 38.30 | 39.36 | 43.69 | 40.35 | 38.67 | 38.36 |
| 30.0 | 42.55 | 43.33 | 39.95 | 36.94 | 36.98 | 38.39 | 43.15 | 39.34 | 37.37 | 36.80 |
| 33.0 | 41.74 | 42.67 | 38.71 | 35.29 | 35.57 | 37.47 | 42.54 | 38.31 | 35.97 | 35.11 |
| 36.0 | 40.84 | 41.95 | 37.42 | 33.57 | 34.09 | 36.51 | 41.81 | 37.37 | 34.52 | 33.35 |
| 39.0 | 39.98 | 41.17 | 36.06 | 31.79 | 32.54 | 35.48 | 41.01 | 36.42 | 32.97 | 31.45 |
| 42.0 | 39.30 | 40.32 | 34.67 | 29.90 | 30.95 | 34.37 | 40.19 | 35.38 | 31.38 | 29.49 |
| 45.0 | 38.54 | 39.38 | 33.23 | 27.94 | 29.39 | 33.20 | 39.48 | 34.30 | 29.74 | 27.48 |
| 48.0 | 37.69 | 38.36 | 31.75 | 25.96 | 27.81 | 32.00 | 38.80 | 33.13 | 28.15 | 25.38 |
| 51.0 | 36.79 | 37.25 | 30.26 | 23.88 | 26.22 | 30.75 | 38.02 | 31.93 | 26.57 | 23.22 |
| 54.0 | 35.79 | 36.04 | 28.74 | 21.71 | 24.57 | 29.51 | 37.17 | 30.70 | 24.93 | 21.03 |
| 57.0 | 34.77 | 35.03 | 27.19 | 19.58 | 22.89 | 28.29 | 36.25 | 29.45 | 23.27 | 18.77 |
| 60.0 | 33.76 | 34.08 | 25.60 | 17.35 | 21.20 | 27.09 | 35.27 | 28.20 | 21.59 | 16.48 |
| 63.0 | 32.74 | 33.02 | 23.99 | 15.11 | 19.55 | 25.86 | 34.25 | 27.03 | 19.91 | 14.25 |
| 66.0 | 31.72 | 31.94 | 22.36 | 12.89 | 17.93 | 24.68 | 33.21 | 25.84 | 18.27 | 11.98 |
| 69.0 | 30.65 | 30.80 | 20.71 | 10.69 | 16.36 | 23.52 | 32.17 | 24.63 | 16.68 | 9.741 |
| 72.0 | 29.57 | 29.61 | 19.25 | 8.447 | 14.91 | 22.34 | 31.12 | 23.46 | 15.19 | 7.591 |
| 75.0 | 28.46 | 28.48 | 17.82 | 6.357 | 13.54 | 21.20 | 30.05 | 22.29 | 13.81 | 5.544 |
| 78.0 | 27.33 | 27.40 | 16.44 | 4.423 | 12.30 | 20.00 | 28.97 | 21.13 | 12.54 | 3.659 |
| 81.0 | 26.18 | 26.29 | 15.11 | 2.700 | 11.16 | 18.84 | 27.85 | 19.96 | 11.39 | 2.100 |
| 84.0 | 25.02 | 25.24 | 13.96 | 1.353 | 10.11 | 17.78 | 26.71 | 18.82 | 10.29 | 0.8681 |
| 87.0 | 23.78 | 24.11 | 12.94 | 0.6932 | 9.195 | 16.70 | 25.56 | 17.70 | 9.335 | 0.5030 |
| 90.0 | 22.57 | 22.99 | 12.05 | 0.6534 | 8.421 | 15.69 | 24.38 | 16.68 | 8.516 | 0.4938 |
| 93.0 | 21.38 | 21.97 | 11.30 | 0.6685 | 7.787 | 14.80 | 23.17 | 15.69 | 7.843 | 0.4846 |
| 96.0 | 20.23 | 20.90 | 10.62 | 0.6886 | 7.284 | 13.95 | 22.01 | 14.78 | 7.300 | 0.4754 |
| 99.0 | 19.10 | 18.82 | 10.01 | 0.7088 | 6.862 | 12.10 | 20.66 | 12.84 | 6.849 | 0.5222 |
| 102.0 | 17.67 | 17.45 | 9.471 | 0.8144 | 6.475 | 11.66 | 19.37 | 12.38 | 6.478 | 0.5987 |
| 105.0 | 16.69 | 16.71 | 8.290 | 0.8594 | 5.009 | 11.21 | 18.31 | 11.87 | 5.191 | 0.6019 |
| 108.0 | 15.76 | 16.02 | 8.177 | 0.8948 | 4.770 | 10.72 | 17.32 | 11.36 | 5.064 | 0.6050 |
| 111.0 | 14.90 | 15.22 | 7.982 | 0.9500 | 4.625 | 10.02 | 16.41 | 10.71 | 4.688 | 0.6081 |
| 114.0 | 14.11 | 14.49 | 7.179 | 1.015 | 4.308 | 9.145 | 15.22 | 10.10 | 4.371 | 0.6884 |
| 117.0 | 13.37 | 13.77 | 7.054 | 1.086 | 4.127 | 8.507 | 14.08 | 9.425 | 4.150 | 0.7788 |
| 120.0 | 12.67 | 13.10 | 6.831 | 1.171 | 3.931 | 8.065 | 13.33 | 8.822 | 4.050 | 0.8842 |
| 123.0 | 11.99 | 12.52 | 6.288 | 1.247 | 3.819 | 7.628 | 12.61 | 8.234 | 3.834 | 1.010 |
| 126.0 | 11.35 | 11.92 | 5.697 | 1.312 | 3.679 | 7.166 | 11.94 | 7.686 | 3.698 | 1.105 |
| 129.0 | 10.68 | 11.40 | 4.543 | 1.377 | 3.444 | 6.703 | 11.31 | 7.173 | 3.547 | 1.211 |
| 132.0 | 10.02 | 10.25 | 3.486 | 1.443 | 3.262 | 6.281 | 10.67 | 6.746 | 3.346 | 1.316 |
| 135.0 | 9.380 | 9.189 | 3.197 | 1.508 | 3.091 | 5.756 | 10.03 | 6.263 | 3.135 | 1.427 |
| 138.0 | 8.762 | 8.013 | 3.591 | 1.563 | 2.891 | 5.351 | 9.214 | 5.769 | 2.929 | 1.513 |
| 141.0 | 8.134 | 7.255 | 3.900 | 1.593 | 2.630 | 4.929 | 7.403 | 5.334 | 2.738 | 1.588 |
| 144.0 | 7.436 | 6.537 | 3.800 | 1.633 | 2.353 | 4.502 | 8.069 | 4.926 | 2.532 | 1.663 |
| 147.0 | 6.727 | 5.853 | 3.639 | 1.684 | 2.107 | 4.065 | 7.366 | 4.499 | 2.271 | 1.749 |
| 150.0 | 6.013 | 5.023 | 3.493 | 1.860 | 1.826 | 3.688 | 6.954 | 4.117 | 2.019 | 1.899 |
| 153.0 | 5.405 | 4.164 | 3.443 | 1.976 | 1.434 | 3.321 | 6.441 | 3.725 | 1.747 | 2.000 |
| 156.0 | 4.837 | 3.526 | 3.588 | 2.081 | 1.612 | 2.903 | 5.938 | 3.373 | 1.383 | 2.111 |
| 159.0 | 4.264 | 2.959 | 3.659 | 2.197 | 1.839 | 2.366 | 5.410 | 3.011 | 1.613 | 2.206 |
| 162.0 | 3.805 | 2.537 | 3.679 | 2.302 | 1.214 | 1.887 | 4.868 | 2.600 | 1.295 | 2.317 |
| 165.0 | 3.364 | 2.453 | 3.699 | 2.418 | 1.180 | 1.609 | 4.516 | 2.097 | 1.247 | 2.427 |
| 168.0 | 1.916 | 2.674 | 3.684 | 2.518 | 1.159 | 1.826 | 2.461 | 1.454 | 1.200 | 2.543 |
| 171.0 | 1.709 | 2.840 | 3.644 | 2.594 | 1.145 | 1.591 | 2.024 | 1.161 | 1.152 | 2.628 |
| 174.0 | 1.499 | 2.880 | 3.569 | 2.659 | 1.131 | 1.356 | 1.824 | 1.156 | 1.137 | 2.729 |
| 177.0 | 1.312 | 2.859 | 3.478 | 2.699 | 1.116 | 1.121 | 1.577 | 1.151 | 1.121 | 2.804 |
| 180.0 | 1.176 | 1.131 | 2.297 | 2.633 | 2.819 | 2.402 | 1.226 | 1.136 | 1.734 | 2.885 |
| G/C | 300.0 | 330.0 | | | | | | | | |
| 0.0 | 45.37 | 45.36 | | | | | | | | |
| 3.0 | 45.49 | 45.68 | | | | | | | | |
| 6.0 | 45.49 | 45.90 | | | | | | | | |
| 9.0 | 45.36 | 46.03 | | | | | | | | |
| 12.0 | 45.05 | 46.06 | | | | | | | | |
| 15.0 | 44.58 | 45.96 | | | | | | | | |
| 18.0 | 43.92 | 45.71 | | | | | | | | |
| 21.0 | 43.11 | 45.37 | | | | | | | | |
| 24.0 | 42.19 | 44.95 | | | | | | | | |
| 27.0 | 41.17 | 44.46 | | | | | | | | |
| 30.0 | 40.11 | 43.89 | | | | | | | | |

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LPC
 Test Date: 2021-12-08

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:

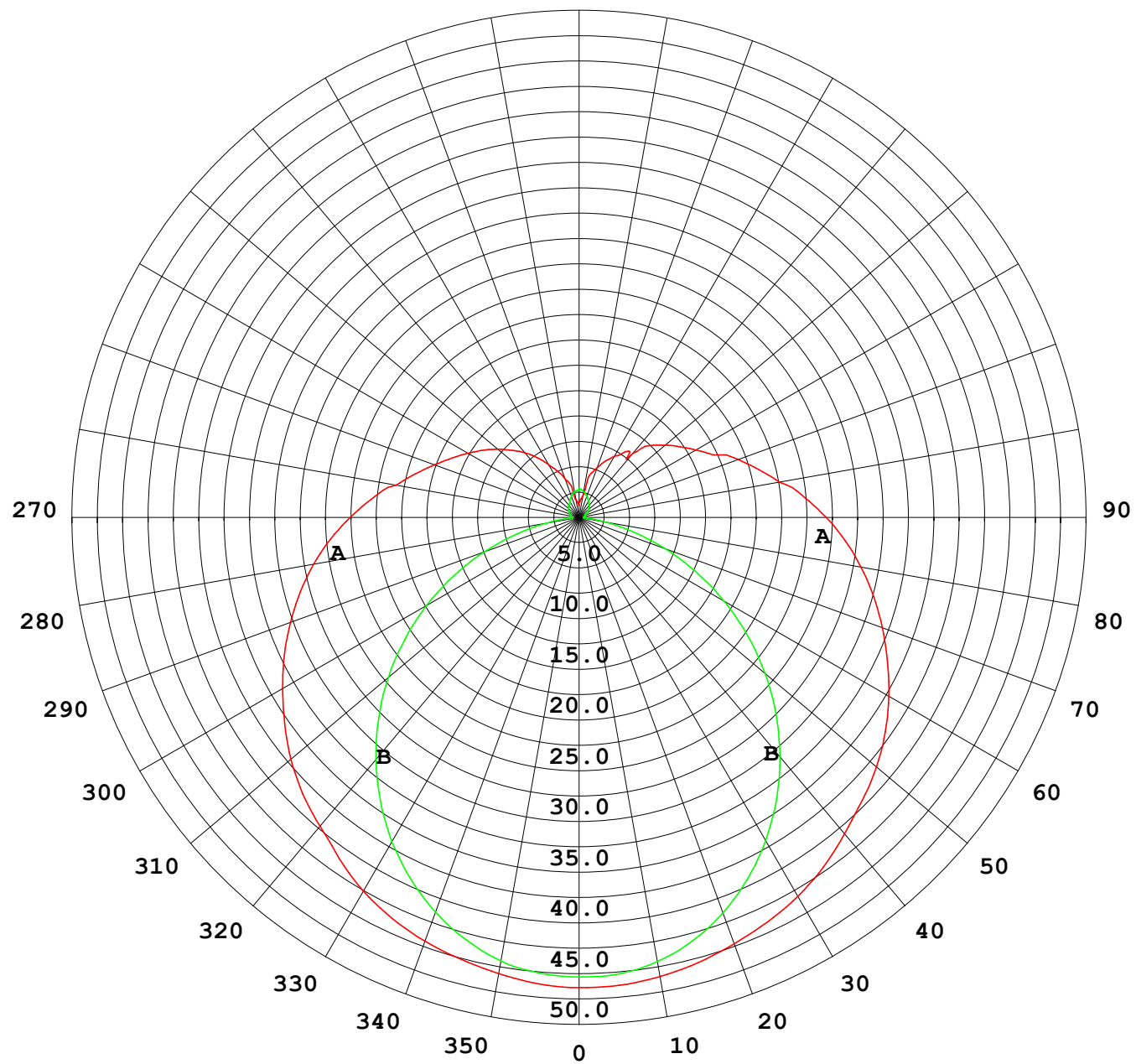
Photometric Data Table [cd]

| | | |
|-------|-------|-------|
| 33.0 | 38.97 | 43.26 |
| 36.0 | 37.78 | 42.61 |
| 39.0 | 36.55 | 41.91 |
| 42.0 | 35.24 | 41.16 |
| 45.0 | 33.86 | 40.33 |
| 48.0 | 32.39 | 39.42 |
| 51.0 | 30.89 | 38.43 |
| 54.0 | 29.38 | 37.36 |
| 57.0 | 27.83 | 36.17 |
| 60.0 | 26.24 | 35.10 |
| 63.0 | 24.63 | 34.17 |
| 66.0 | 23.00 | 33.15 |
| 69.0 | 21.33 | 32.09 |
| 72.0 | 19.75 | 30.96 |
| 75.0 | 18.32 | 29.81 |
| 78.0 | 16.93 | 28.70 |
| 81.0 | 15.56 | 27.65 |
| 84.0 | 14.35 | 26.60 |
| 87.0 | 13.30 | 25.50 |
| 90.0 | 12.37 | 24.44 |
| 93.0 | 11.59 | 23.37 |
| 96.0 | 10.88 | 22.34 |
| 99.0 | 10.15 | 20.27 |
| 102.0 | 9.153 | 18.93 |
| 105.0 | 8.423 | 18.14 |
| 108.0 | 8.045 | 17.34 |
| 111.0 | 7.868 | 16.09 |
| 114.0 | 7.666 | 15.15 |
| 117.0 | 7.150 | 14.42 |
| 120.0 | 6.778 | 13.56 |
| 123.0 | 6.497 | 12.84 |
| 126.0 | 6.201 | 12.31 |
| 129.0 | 5.924 | 11.73 |
| 132.0 | 5.593 | 10.80 |
| 135.0 | 5.306 | 9.798 |
| 138.0 | 4.894 | 8.698 |
| 141.0 | 4.507 | 7.660 |
| 144.0 | 4.226 | 7.123 |
| 147.0 | 4.055 | 6.460 |
| 150.0 | 3.803 | 5.942 |
| 153.0 | 3.684 | 5.445 |
| 156.0 | 3.795 | 4.912 |
| 159.0 | 3.804 | 4.369 |
| 162.0 | 3.813 | 3.841 |
| 165.0 | 3.821 | 3.524 |
| 168.0 | 3.769 | 3.533 |
| 171.0 | 3.719 | 3.551 |
| 174.0 | 3.628 | 3.533 |
| 177.0 | 3.568 | 3.463 |
| 180.0 | 2.789 | 2.458 |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-08

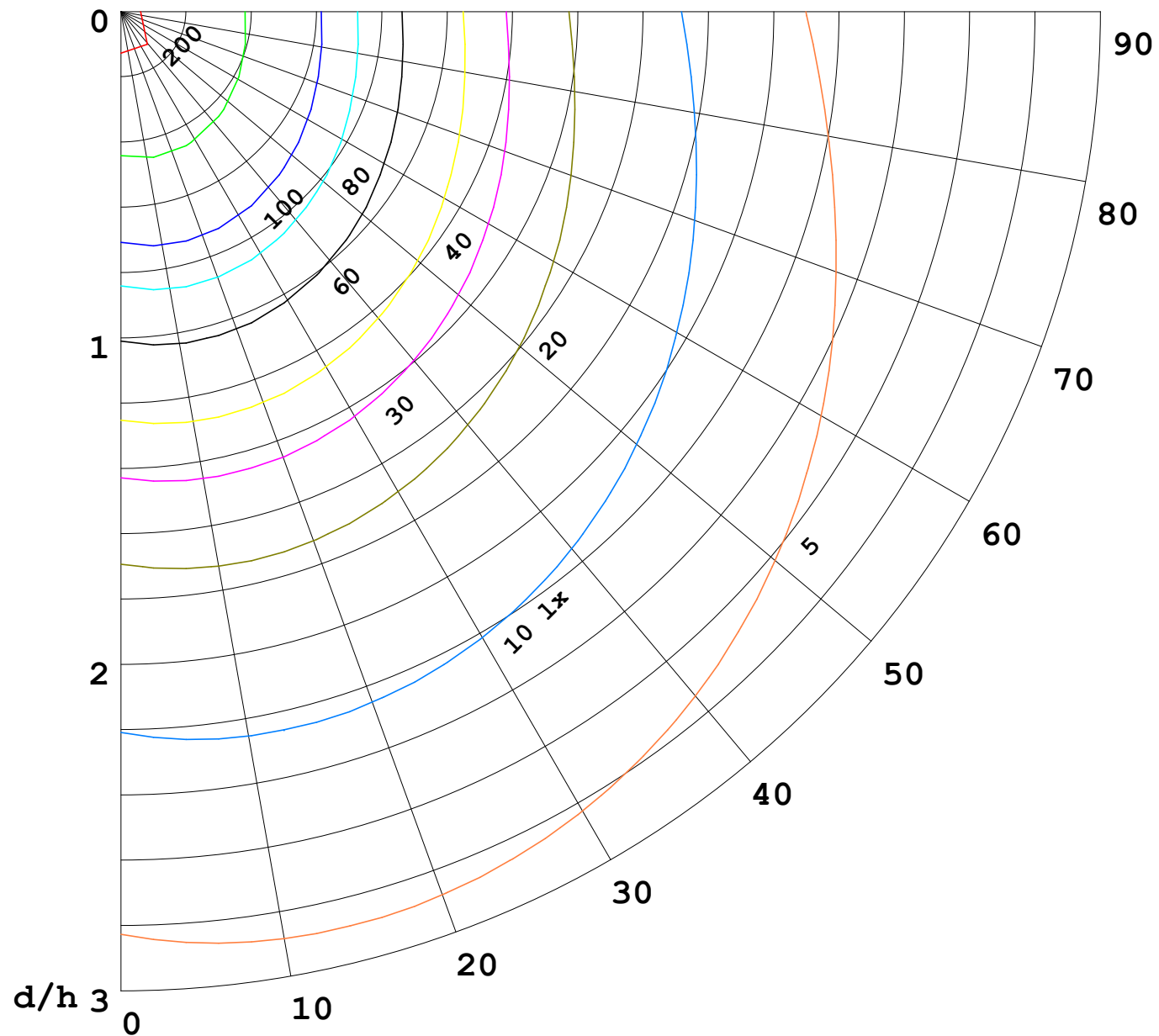
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

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 |

