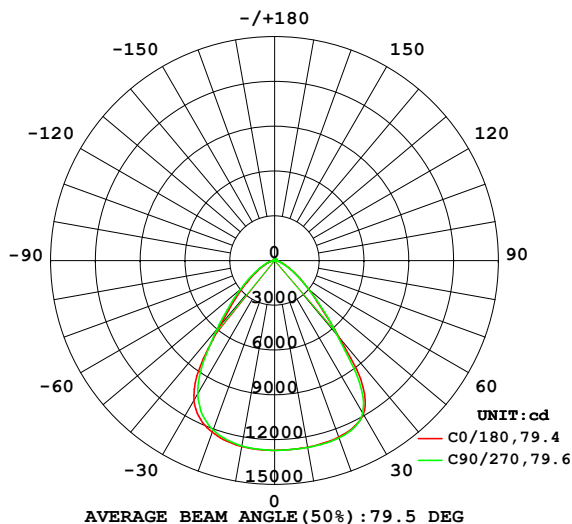


LUMINAIRE PHOTOMETRIC TEST REPORT

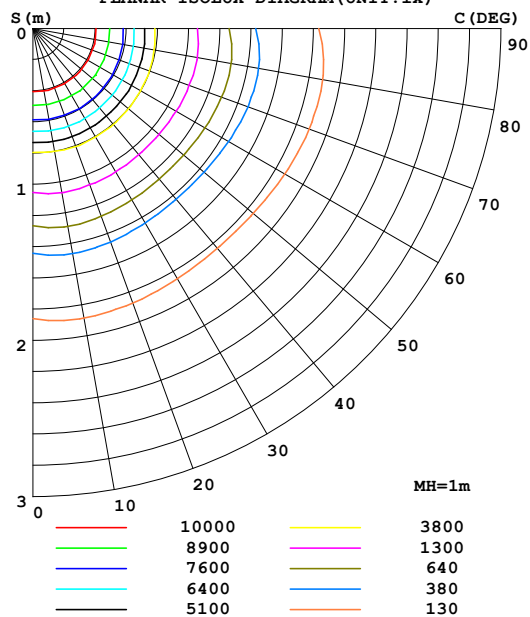
| | | |
|--|-----------------------------|------------------|
| Test:U:119.87V I:1.1865A P:141.67W PF:0.9961 Freq:60.01Hz UTHDi:0.66% ITHDi:4.04% KDisp:0.0000 Lamp Flux:22913.9x1 lm | | |
| NAME: SS-UFO11-150/120/100W | TYPE: SS-UFO11-150/120/100W | WEIGHT: 01 |
| SPEC.: 120~277V | DIM.: 0.28 | SERIAL No.: |
| MFR.: | SUR.: 0.22 | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 161.74 lm/W | | | |
|------------------|-----------------------|-----------------------------------|--------|-------------------|----------|
| MODEL | SS-UFO11-150/120/100W | I _{max} (cd) | 12712 | S/MH(C0/180) | 1.12 |
| NOMINAL POWER(W) | 150 | LOR(%) | 100.0 | S/MH(C90/270) | 1.13 |
| RATED VOLTAGE(V) | 120 | TOTAL FLUX(lm) | 22914 | η UP,DN(C0-180) | 1.1,50.1 |
| NOMINAL FLUX(lm) | 22913.9 | CIE CLASS | DIRECT | η UP,DN(C180-360) | 1.1,47.6 |
| LAMPS INSIDE | 1 | η up(%) | 2.3 | CIBSE SHR NOM | 1.00 |
| TEST VOLTAGE(V) | 120 | η down(%) | 97.7 | CIBSE SHR MAX | 1.15 |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



PLANAR ISOLUX DIAGRAM (UNIT: lx)



C Range: 0 - 360DEG

C Interval: 22.5DEG

Test Speed: MEDIUM

Temperature: 25.3 °C

Operators:

Test Date: 11 July 2024

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.458

Humidity: 65.0%

Test Distance: 8.050m [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 | 1269 | 1270 | 1271 | 1269 | 1265 | 1260 | 1261 | 1266 | 0- 10 | 1211 | 1211 | 5.29,5.29 |
| 20 | 1258 | 1266 | 1264 | 1245 | 1224 | 1203 | 1207 | 1237 | 10- 20 | 3554 | 4765 | 20.8,20.8 |
| 30 | 1188 | 1209 | 1181 | 1130 | 1080 | 1019 | 1029 | 1124 | 20- 30 | 5505 | 10270 | 44.8,44.8 |
| 40 | 676.2 | 702.5 | 654.6 | 584.0 | 569.8 | 559.2 | 603.2 | 657.5 | 30- 40 | 5656 | 15925 | 69.5,69.5 |
| 50 | 297.3 | 298.8 | 295.8 | 261.7 | 271.5 | 258.8 | 297.6 | 306.9 | 40- 50 | 3312 | 19237 | 84,84 |
| 60 | 138.7 | 134.3 | 131.7 | 120.9 | 123.8 | 119.6 | 139.1 | 146.9 | 50- 60 | 1794 | 21031 | 91.8,91.8 |
| 70 | 59.49 | 57.84 | 55.82 | 50.15 | 53.04 | 51.93 | 59.88 | 63.74 | 60- 70 | 886.0 | 21917 | 95.6,95.6 |
| 80 | 19.25 | 18.93 | 17.66 | 16.28 | 17.39 | 17.87 | 20.12 | 21.50 | 70- 80 | 371.7 | 22288 | 97.3,97.3 |
| 90 | 4.171 | 4.187 | 4.257 | 4.310 | 4.146 | 4.164 | 4.143 | 4.189 | 80- 90 | 103.3 | 22392 | 97.7,97.7 |
| 100 | 5.048 | 5.030 | 5.133 | 5.288 | 4.929 | 5.034 | 4.962 | 4.794 | 90-100 | 49.83 | 22442 | 97.9,97.9 |
| 110 | 6.263 | 6.226 | 6.354 | 6.588 | 6.345 | 6.474 | 6.375 | 6.123 | 100-110 | 59.85 | 22501 | 98.2,98.2 |
| 120 | 7.660 | 7.630 | 7.769 | 8.015 | 8.045 | 8.181 | 8.059 | 7.788 | 110-120 | 70.49 | 22572 | 98.5,98.5 |
| 130 | 9.178 | 9.128 | 9.275 | 9.528 | 9.769 | 9.906 | 9.776 | 9.512 | 120-130 | 77.90 | 22650 | 98.8,98.8 |
| 140 | 10.69 | 10.65 | 10.78 | 11.00 | 11.38 | 11.48 | 11.36 | 11.16 | 130-140 | 79.72 | 22730 | 99.2,99.2 |
| 150 | 11.91 | 11.92 | 12.01 | 12.14 | 12.52 | 12.53 | 12.44 | 12.29 | 140-150 | 73.15 | 22803 | 99.5,99.5 |
| 160 | 13.03 | 13.08 | 13.12 | 13.15 | 13.43 | 13.37 | 13.25 | 13.19 | 150-160 | 58.68 | 22861 | 99.8,99.8 |
| 170 | 14.13 | 14.18 | 14.18 | 14.21 | 14.31 | 14.28 | 14.17 | 14.13 | 160-170 | 38.74 | 22900 | 99.9,99.9 |
| 180 | 14.75 | 14.78 | 14.71 | 14.69 | 14.74 | 14.78 | 14.71 | 14.69 | 170-180 | 13.78 | 22914 | 100,100 |
| DEG | LUMINOUS INTENSITY:X10cd | | | | | | | | | UNIT:lm | | |

Conical surface Flux(90deg): 17829 lm

%lum = 77.8%

%lamp = 77.8%

Conical surface Flux(130deg): 21558 lm

%lum = 94.1%

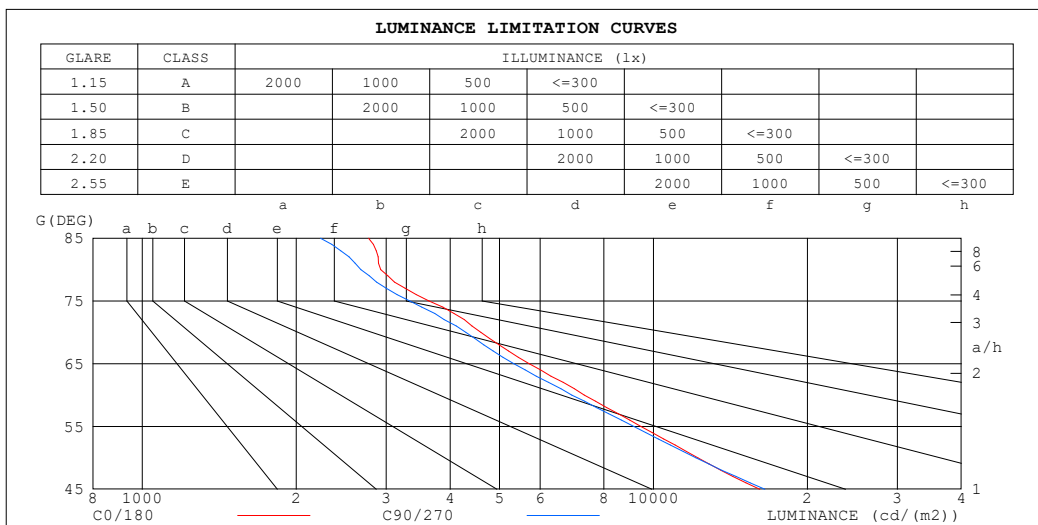
%lamp = 94.1%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature:25.3℃
 Operators:
 Test Date:11 July 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
 Humidity:65.0%
 Test Distance:8.050m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|--|-----------------------------|------------------|
| Test:U:119.87V I:1.1865A P:141.67W PF:0.9961 Freq:60.01Hz UTHDi:0.66% ITHDi:4.04% KDisp:0.0000 Lamp Flux:22913.9x1 lm | | |
| NAME: SS-UFO11-150/120/100W | TYPE: SS-UFO11-150/120/100W | WEIGHT: 01 |
| SPEC.: 120~277V | DIM.: 0.28 | SERIAL No.: |
| MFR.: | SUR.: 0.22 | Shielding Angle: |



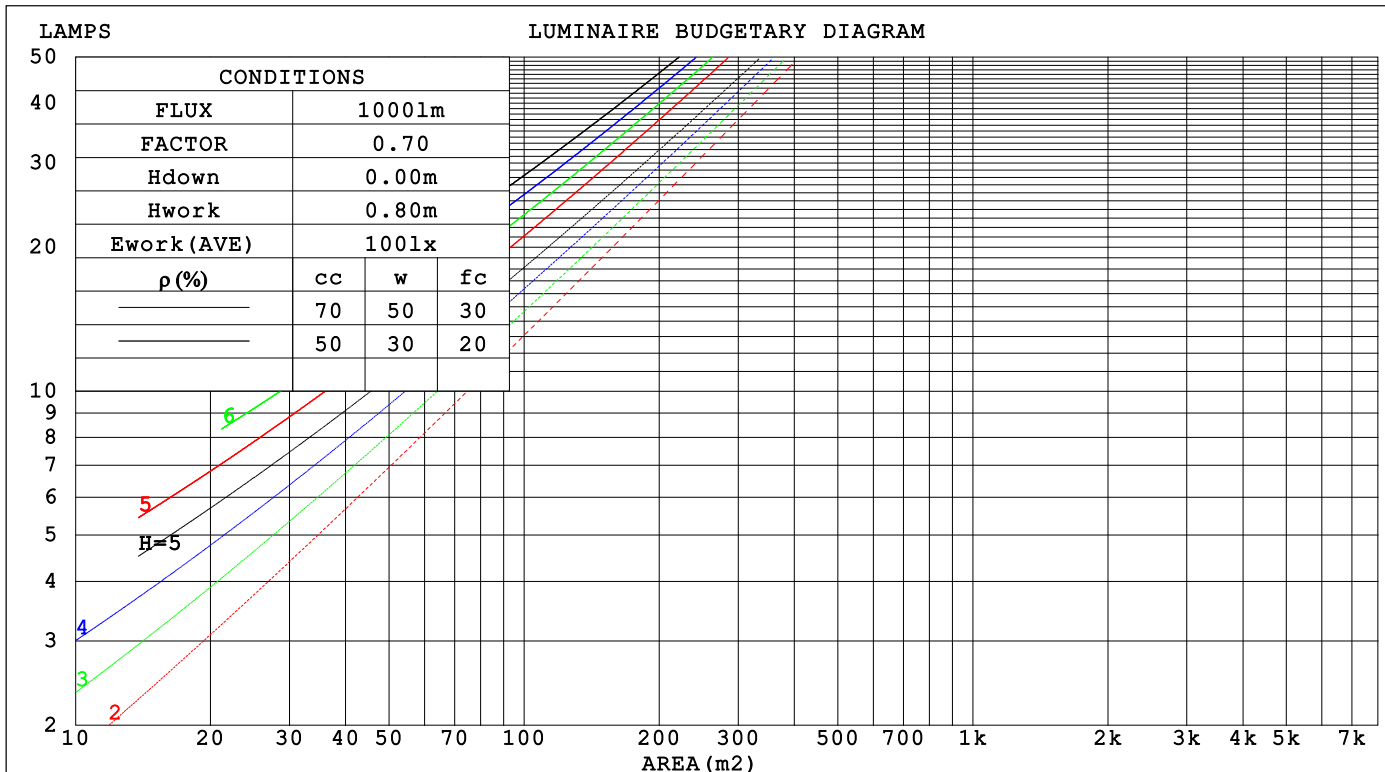
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 25.3°C
Operators:
Test Date: 11 July 2024

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity: 65.0%
Test Distance: 8.050m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|---|-----------------------------|------------------|
| Test:U:119.87V I:1.1865A P:141.67W PF:0.9961 Freq:60.01Hz | | |
| UTHDi:0.66% ITHDi:4.04% KDisp:0.0000 Lamp Flux:22913.9x1 lm | | |
| NAME: SS-UFO11-150/120/100W | TYPE: SS-UFO11-150/120/100W | WEIGHT: 01 |
| SPEC.: 120~277V | DIM.: 0.28 | SERIAL No.: |
| MFR.: | SUR.: 0.22 | Shielding Angle: |

| ρcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|---------------------------------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|
| ρw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| ρfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | Coefficients of Utilization(CU) | | | | | | | | | | | | |
| 0.0 | 1.19 | 1.19 | 1.19 | 1.15 | 1.15 | 1.15 | 1.10 | 1.10 | 1.10 | 1.05 | 1.05 | 1.05 | .00 | .00 | .00 | .98 |
| 1.0 | 1.08 | 1.04 | 1.02 | 1.05 | 1.02 | .00 | 1.01 | .98 | .96 | .96 | .95 | .93 | .93 | .91 | .90 | .88 |
| 2.0 | .97 | .92 | .88 | .95 | .91 | .87 | .92 | .88 | .84 | .88 | .85 | .82 | .85 | .82 | .80 | .78 |
| 3.0 | .88 | .82 | .77 | .87 | .81 | .76 | .84 | .79 | .75 | .81 | .77 | .73 | .78 | .75 | .72 | .70 |
| 4.0 | .80 | .73 | .68 | .79 | .73 | .67 | .76 | .71 | .66 | .74 | .69 | .65 | .72 | .68 | .64 | .62 |
| 5.0 | .73 | .66 | .61 | .72 | .65 | .60 | .70 | .64 | .60 | .68 | .63 | .59 | .66 | .62 | .58 | .56 |
| 6.0 | .67 | .60 | .55 | .66 | .59 | .54 | .65 | .58 | .54 | .63 | .57 | .53 | .61 | .56 | .53 | .51 |
| 7.0 | .62 | .55 | .50 | .61 | .54 | .49 | .60 | .53 | .49 | .58 | .53 | .48 | .57 | .52 | .48 | .46 |
| 8.0 | .57 | .50 | .45 | .57 | .50 | .45 | .55 | .49 | .45 | .54 | .48 | .44 | .53 | .48 | .44 | .42 |
| 9.0 | .53 | .46 | .41 | .53 | .46 | .41 | .51 | .45 | .41 | .50 | .45 | .41 | .49 | .44 | .40 | .39 |
| 10.0 | .50 | .43 | .38 | .49 | .42 | .38 | .48 | .42 | .38 | .47 | .41 | .37 | .46 | .41 | .37 | .36 |



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:11 July 2024

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

WEC AND CCEC

| | | |
|---|-----------------------------|------------------|
| Test:U:119.87V I:1.1865A P:141.67W PF:0.9961 Freq:60.01Hz | | |
| UTHDi:0.66% ITHDi:4.04% KDisp:0.0000 Lamp Flux:22913.9x1 lm | | |
| NAME: SS-UFO11-150/120/100W | TYPE: SS-UFO11-150/120/100W | WEIGHT: 01 |
| SPEC.: 120~277V | DIM.: 0.28 | SERIAL No.: |
| MFR.: | SUR.: 0.22 | 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 Coefficients(WEC) | | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | | |
| 1.0 | .228 | .130 | .041 | .221 | .126 | .040 | .207 | .119 | .038 | .194 | .112 | .036 | .182 | .105 | .034 | | |
| 2.0 | .220 | .121 | .037 | .214 | .118 | .036 | .201 | .112 | .035 | .190 | .107 | .033 | .180 | .102 | .032 | | |
| 3.0 | .209 | .111 | .033 | .203 | .109 | .033 | .193 | .104 | .032 | .183 | .100 | .031 | .174 | .096 | .030 | | |
| 4.0 | .198 | .103 | .030 | .193 | .101 | .030 | .183 | .097 | .029 | .174 | .094 | .028 | .166 | .090 | .028 | | |
| 5.0 | .187 | .095 | .028 | .182 | .094 | .027 | .174 | .091 | .027 | .166 | .088 | .026 | .159 | .085 | .025 | | |
| 6.0 | .176 | .088 | .025 | .173 | .087 | .025 | .165 | .085 | .025 | .158 | .082 | .024 | .151 | .080 | .024 | | |
| 7.0 | .167 | .083 | .023 | .163 | .081 | .023 | .157 | .079 | .023 | .150 | .077 | .022 | .144 | .075 | .022 | | |
| 8.0 | .158 | .077 | .022 | .155 | .076 | .022 | .149 | .074 | .021 | .143 | .073 | .021 | .138 | .071 | .021 | | |
| 9.0 | .150 | .073 | .020 | .147 | .072 | .020 | .142 | .070 | .020 | .137 | .069 | .020 | .132 | .067 | .019 | | |
| 10.0 | .143 | .069 | .019 | .140 | .068 | .019 | .135 | .066 | .019 | .131 | .065 | .018 | .126 | .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 | .208 | .208 | .208 | .178 | .178 | .178 | .121 | .121 | .121 | .070 | .070 | .070 | .022 | .022 | .022 | | |
| 1.0 | .192 | .174 | .158 | .164 | .150 | .136 | .112 | .103 | .094 | .065 | .060 | .055 | .021 | .019 | .018 | | |
| 2.0 | .180 | .150 | .124 | .154 | .129 | .107 | .106 | .089 | .075 | .061 | .052 | .044 | .020 | .017 | .014 | | |
| 3.0 | .170 | .132 | .101 | .146 | .114 | .087 | .100 | .079 | .061 | .058 | .046 | .036 | .019 | .015 | .012 | | |
| 4.0 | .162 | .118 | .084 | .139 | .102 | .073 | .096 | .071 | .051 | .055 | .041 | .030 | .018 | .014 | .010 | | |
| 5.0 | .154 | .107 | .072 | .133 | .092 | .062 | .091 | .064 | .044 | .053 | .038 | .026 | .017 | .012 | .009 | | |
| 6.0 | .148 | .098 | .062 | .127 | .085 | .054 | .088 | .059 | .038 | .051 | .035 | .023 | .016 | .011 | .008 | | |
| 7.0 | .141 | .091 | .055 | .122 | .079 | .048 | .084 | .055 | .034 | .049 | .033 | .020 | .016 | .011 | .007 | | |
| 8.0 | .136 | .085 | .050 | .117 | .074 | .044 | .081 | .052 | .031 | .047 | .031 | .018 | .015 | .010 | .006 | | |
| 9.0 | .130 | .080 | .046 | .112 | .069 | .040 | .078 | .049 | .028 | .045 | .029 | .017 | .015 | .009 | .006 | | |
| 10.0 | .126 | .076 | .043 | .108 | .066 | .037 | .075 | .046 | .026 | .044 | .027 | .016 | .014 | .009 | .005 | | |

C Range: 0 - 360DEG

C Interval: 22.5DEG

Test Speed: MEDIUM

Temperature:25.3℃

Operators:

Test Date:11 July 2024

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458

Humidity:65.0%

Test Distance:8.050m [K=1.0000]

Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|--|------------------|------|------|------|-----------------------------|----------------|------|------------------|------|------|
| Test:U:119.87V I:1.1865A P:141.67W PF:0.9961 Freq:60.01Hz UTHDi:0.66% ITHDi:4.04% KDisp:0.0000 Lamp Flux:22913.9x1 lm | | | | | | | | | | |
| NAME: SS-UFO11-150/120/100W | | | | | TYPE: SS-UFO11-150/120/100W | | | WEIGHT: 01 | | |
| SPEC.: 120~277V | | | | | DIM.: 0.28 | | | SERIAL No.: | | |
| MFR.: | | | | | SUR.: 0.22 | | | 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 | 20.0 | 21.2 | 20.3 | 21.4 | 21.7 | 20.0 | 21.2 | 20.2 | 21.4 | 21.6 |
| 3H | 20.2 | 21.3 | 20.6 | 21.6 | 21.9 | 20.2 | 21.3 | 20.5 | 21.5 | 21.8 |
| 4H | 20.3 | 21.3 | 20.6 | 21.6 | 21.9 | 20.2 | 21.3 | 20.6 | 21.5 | 21.8 |
| 6H | 20.3 | 21.3 | 20.7 | 21.6 | 21.9 | 20.2 | 21.2 | 20.6 | 21.5 | 21.8 |
| 8H | 20.3 | 21.2 | 20.7 | 21.5 | 21.9 | 20.2 | 21.1 | 20.6 | 21.5 | 21.8 |
| 12H | 20.3 | 21.2 | 20.7 | 21.5 | 21.8 | 20.2 | 21.1 | 20.6 | 21.4 | 21.7 |
| 4H 2H | 20.0 | 21.1 | 20.4 | 21.3 | 21.6 | 20.0 | 21.0 | 20.3 | 21.3 | 21.6 |
| 3H | 20.4 | 21.3 | 20.8 | 21.6 | 21.9 | 20.3 | 21.2 | 20.7 | 21.5 | 21.9 |
| 4H | 20.5 | 21.3 | 20.9 | 21.7 | 22.0 | 20.4 | 21.2 | 20.8 | 21.6 | 22.0 |
| 6H | 20.6 | 21.3 | 21.0 | 21.7 | 22.1 | 20.5 | 21.2 | 20.9 | 21.6 | 22.0 |
| 8H | 20.6 | 21.2 | 21.0 | 21.6 | 22.1 | 20.5 | 21.2 | 20.9 | 21.6 | 22.0 |
| 12H | 20.6 | 21.2 | 21.0 | 21.6 | 22.1 | 20.5 | 21.1 | 20.9 | 21.5 | 22.0 |
| 8H 4H | 20.5 | 21.1 | 20.9 | 21.5 | 22.0 | 20.4 | 21.1 | 20.8 | 21.5 | 21.9 |
| 6H | 20.6 | 21.1 | 21.1 | 21.6 | 22.0 | 20.5 | 21.1 | 21.0 | 21.5 | 22.0 |
| 8H | 20.6 | 21.1 | 21.1 | 21.6 | 22.1 | 20.6 | 21.0 | 21.0 | 21.5 | 22.0 |
| 12H | 20.7 | 21.1 | 21.2 | 21.6 | 22.1 | 20.6 | 21.0 | 21.1 | 21.5 | 22.0 |
| 12H 4H | 20.4 | 21.0 | 20.9 | 21.5 | 21.9 | 20.4 | 21.0 | 20.8 | 21.4 | 21.8 |
| 6H | 20.6 | 21.0 | 21.1 | 21.5 | 22.0 | 20.5 | 21.0 | 21.0 | 21.4 | 21.9 |
| 8H | 20.6 | 21.0 | 21.1 | 21.5 | 22.0 | 20.6 | 21.0 | 21.1 | 21.4 | 22.0 |
| Variations with the observer position at spacings(CIE Pub.117): | | | | | | | | | | |
| S = 1.0H | + 1.2 / - 1.8 | | | | | + 1.1 / - 1.7 | | | | |
| 1.5H | + 1.9 / - 1.2 | | | | | + 1.5 / - 1.2 | | | | |
| 2.0H | + 2.1 / - 1.7 | | | | | + 2.1 / - 1.7 | | | | |

CIE Pub.117, 22914 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 10.9)
Area: 0.37994 m2

C Range: 0 - 360DEG

C Interval: 22.5DEG

Test Speed: MEDIUM

Temperature:25.3℃

Operators:

Test Date:11 July 2024

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458

Humidity:65.0%

Test Distance:8.050m [K=1.0000]

Remarks:

UTILIZATION FACTORS TABLE

| | | |
|--|-----------------------------|------------------|
| Test:U:119.87V I:1.1865A P:141.67W PF:0.9961 Freq:60.01Hz UTHDi:0.66% ITHDi:4.04% KDisp:0.0000 Lamp Flux:22913.9x1 lm | | |
| NAME: SS-UFO11-150/120/100W | TYPE: SS-UFO11-150/120/100W | WEIGHT: 01 |
| SPEC.: 120~277V | DIM.: 0.28 | SERIAL No.: |
| MFR.: | SUR.: 0.22 | Shielding Angle: |

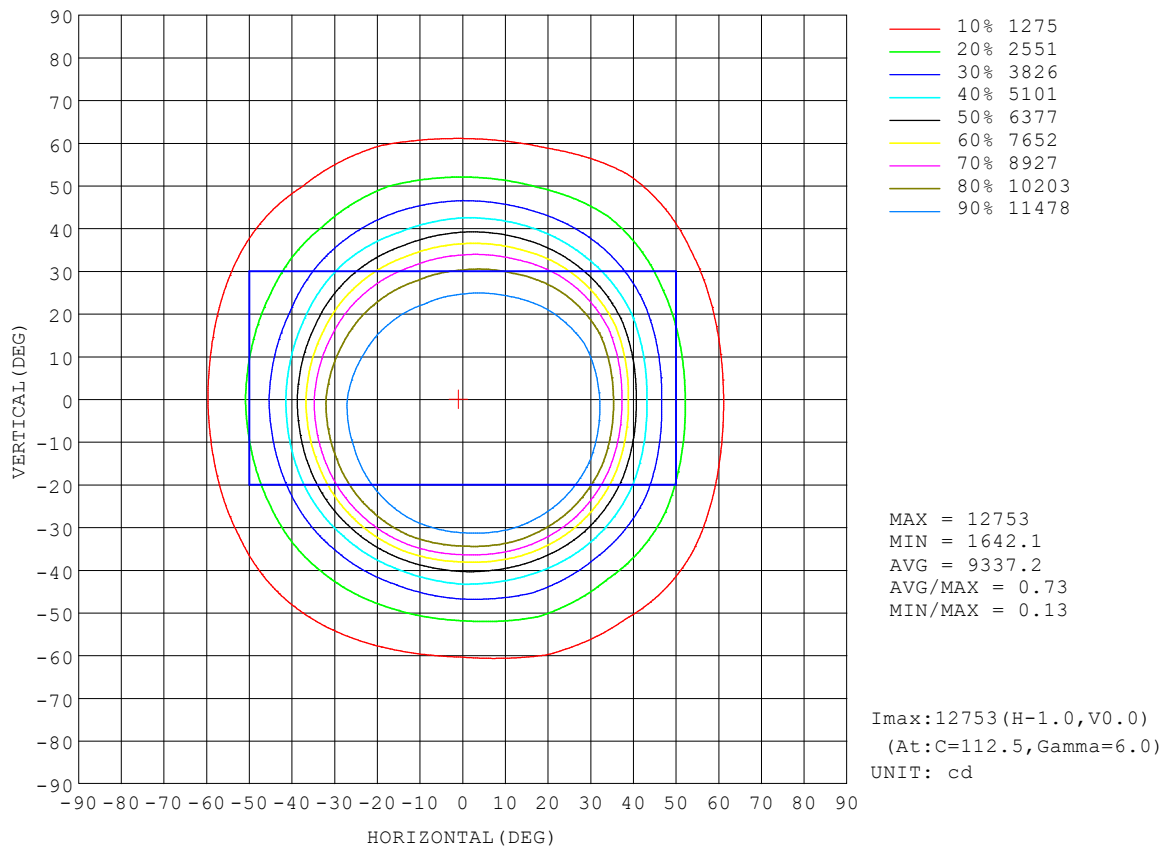
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 72 | 63 | 58 | 72 | 63 | 58 | 71 | 63 | 58 | 53 |
| 0.80 | 81 | 73 | 68 | 81 | 73 | 67 | 79 | 72 | 67 | 62 |
| 1.00 | 88 | 80 | 75 | 87 | 80 | 75 | 85 | 80 | 74 | 69 |
| 1.25 | 94 | 87 | 82 | 93 | 86 | 81 | 90 | 84 | 80 | 74 |
| 1.50 | 98 | 91 | 86 | 96 | 90 | 85 | 93 | 88 | 84 | 78 |
| 2.00 | 102 | 97 | 92 | 101 | 95 | 91 | 97 | 93 | 89 | 83 |
| 2.50 | 105 | 100 | 95 | 103 | 98 | 94 | 99 | 95 | 92 | 85 |
| 3.00 | 107 | 103 | 99 | 105 | 101 | 97 | 101 | 98 | 95 | 87 |
| 4.00 | 110 | 106 | 103 | 108 | 104 | 101 | 103 | 101 | 98 | 90 |
| 5.00 | 112 | 108 | 106 | 109 | 106 | 104 | 105 | 102 | 100 | 91 |
| ROOM INDEX | UF (total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | | SHRNOM = 1.25 | | |

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature: 25.3°C
 Operators:
 Test Date: 11 July 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.458
 Humidity: 65.0%
 Test Distance: 8.050m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

| | | |
|--|-----------------------------|------------------|
| Test:U:119.87V I:1.1865A P:141.67W PF:0.9961 Freq:60.01Hz UTHDi:0.66% ITHDi:4.04% KDisp:0.0000 Lamp Flux:22913.9x1 lm | | |
| NAME: SS-UFO11-150/120/100W | TYPE: SS-UFO11-150/120/100W | WEIGHT: 01 |
| SPEC.: 120~277V | DIM.: 0.28 | SERIAL No.: |
| MFR.: | SUR.: 0.22 | Shielding Angle: |

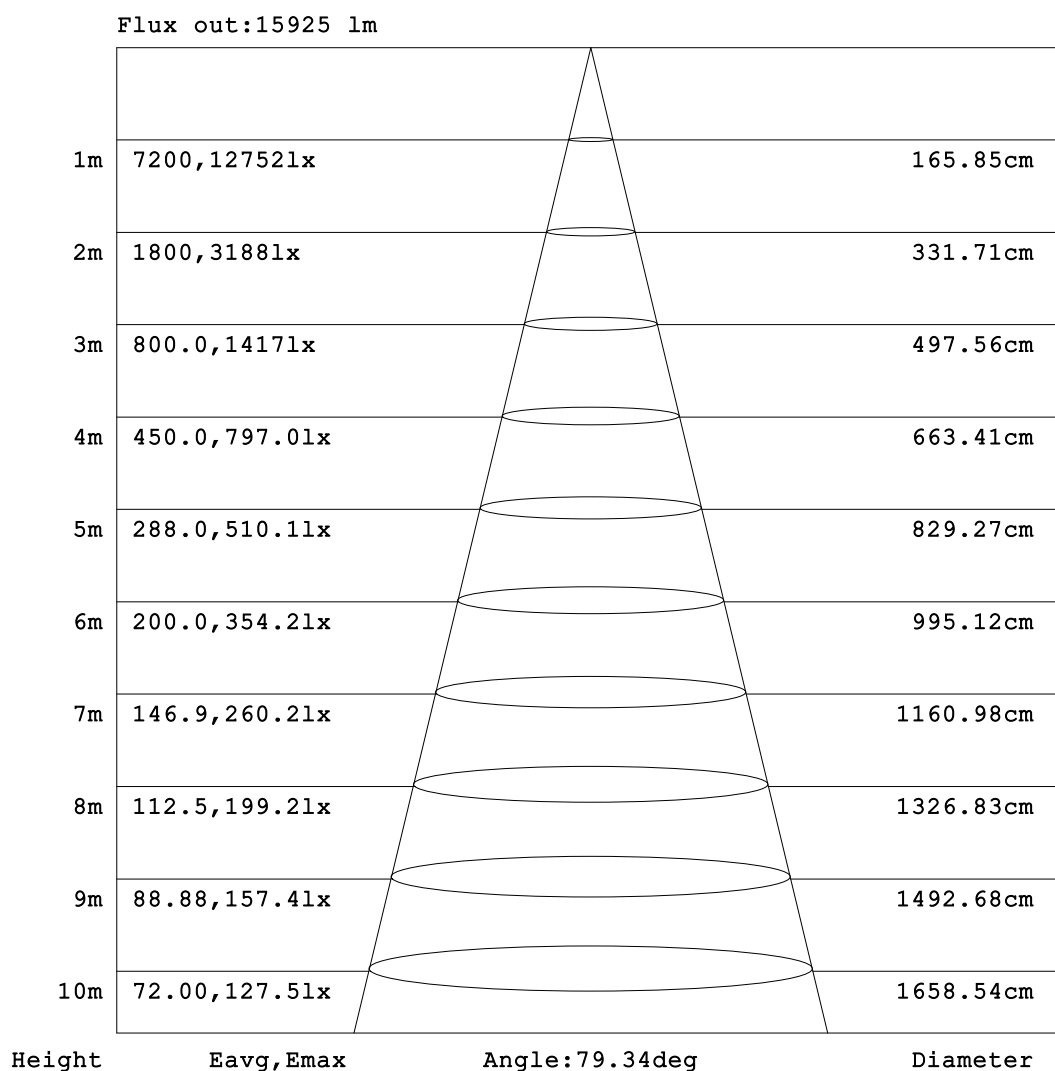


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:11 July 2024

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

AAI Figure

| | | |
|---|-----------------------------|------------------|
| Test:U:119.87V I:1.1865A P:141.67W PF:0.9961 Freq:60.01Hz | | |
| UTHDi:0.66% ITHDi:4.04% KDisp:0.0000 Lamp Flux:22913.9x1 lm | | |
| NAME: SS-UFO11-150/120/100W | TYPE: SS-UFO11-150/120/100W | WEIGHT: 01 |
| SPEC.: 120~277V | DIM.: 0.28 | SERIAL No.: |
| MFR.: | SUR.: 0.22 | 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: 22.5DEG

Test Speed: MEDIUM

Temperature:25.3℃

Operators:

Test Date:11 July 2024

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458

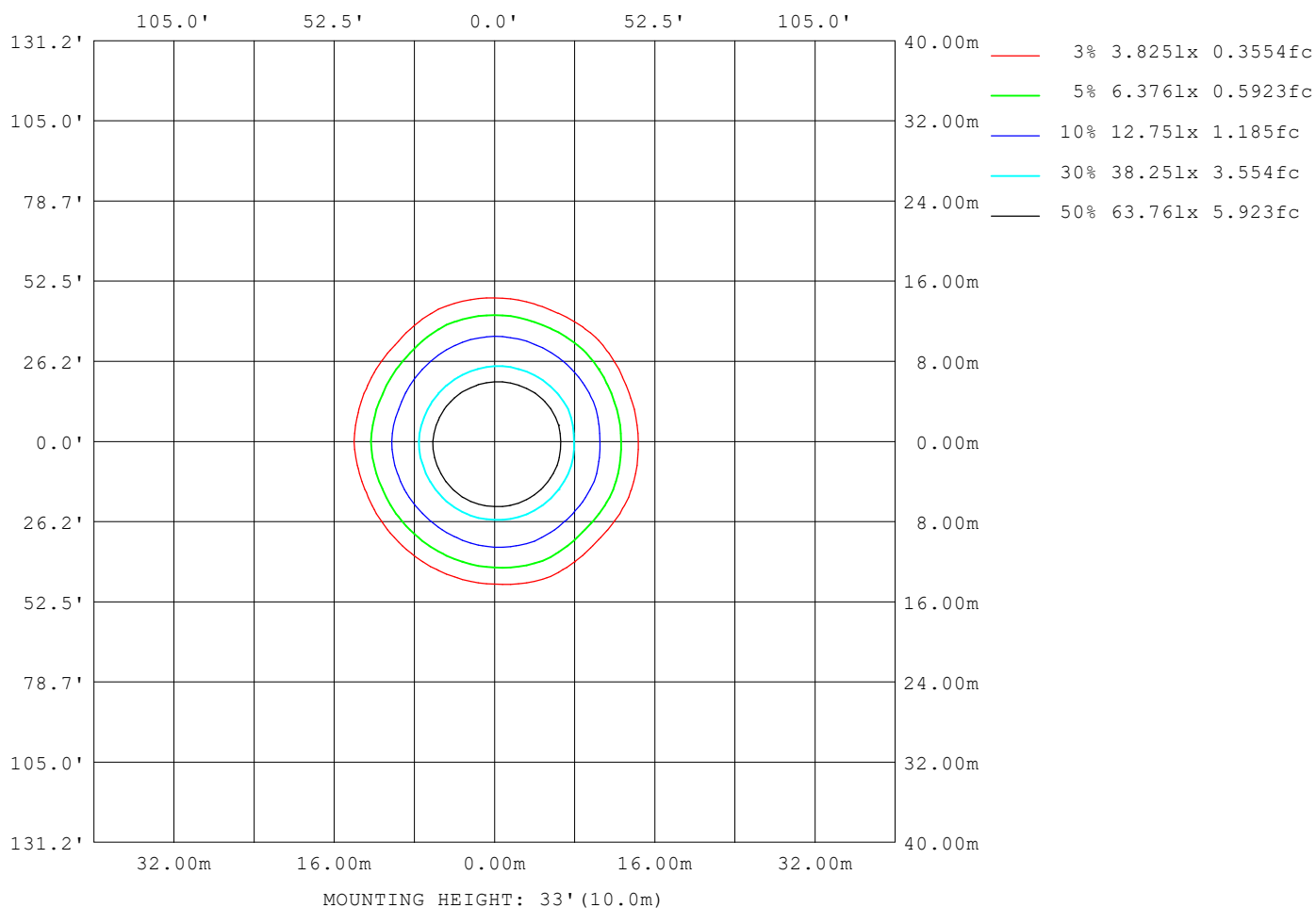
Humidity:65.0%

Test Distance:8.050m [K=1.0000]

Remarks:

ISOLUX DIAGRAM

| | | |
|---|-----------------------------|------------------|
| Test:U:119.87V I:1.1865A P:141.67W PF:0.9961 Freq:60.01Hz | | |
| UTHDi:0.66% ITHDi:4.04% KDisp:0.0000 Lamp Flux:22913.9x1 lm | | |
| NAME: SS-UFO11-150/120/100W | TYPE: SS-UFO11-150/120/100W | WEIGHT: 01 |
| SPEC.: 120~277V | DIM.: 0.28 | SERIAL No.: |
| MFR.: | SUR.: 0.22 | Shielding Angle: |



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature: 25.3°C
 Operators:
 Test Date: 11 July 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.458
 Humidity: 65.0%
 Test Distance: 8.050m [K=1.0000]
 Remarks:

LED Avg.L Report

| | | |
|--|-----------------------------|------------------|
| Test:U:119.87V I:1.1865A P:141.67W PF:0.9961 Freq:60.01Hz UTHDi:0.66% ITHDi:4.04% KDisp:0.0000 Lamp Flux:22913.9x1 lm | | |
| NAME: SS-UFO11-150/120/100W | TYPE: SS-UFO11-150/120/100W | WEIGHT: 01 |
| SPEC.: 120~277V | DIM.: 0.28 | SERIAL No.: |
| MFR.: | SUR.: 0.22 | Shielding Angle: |

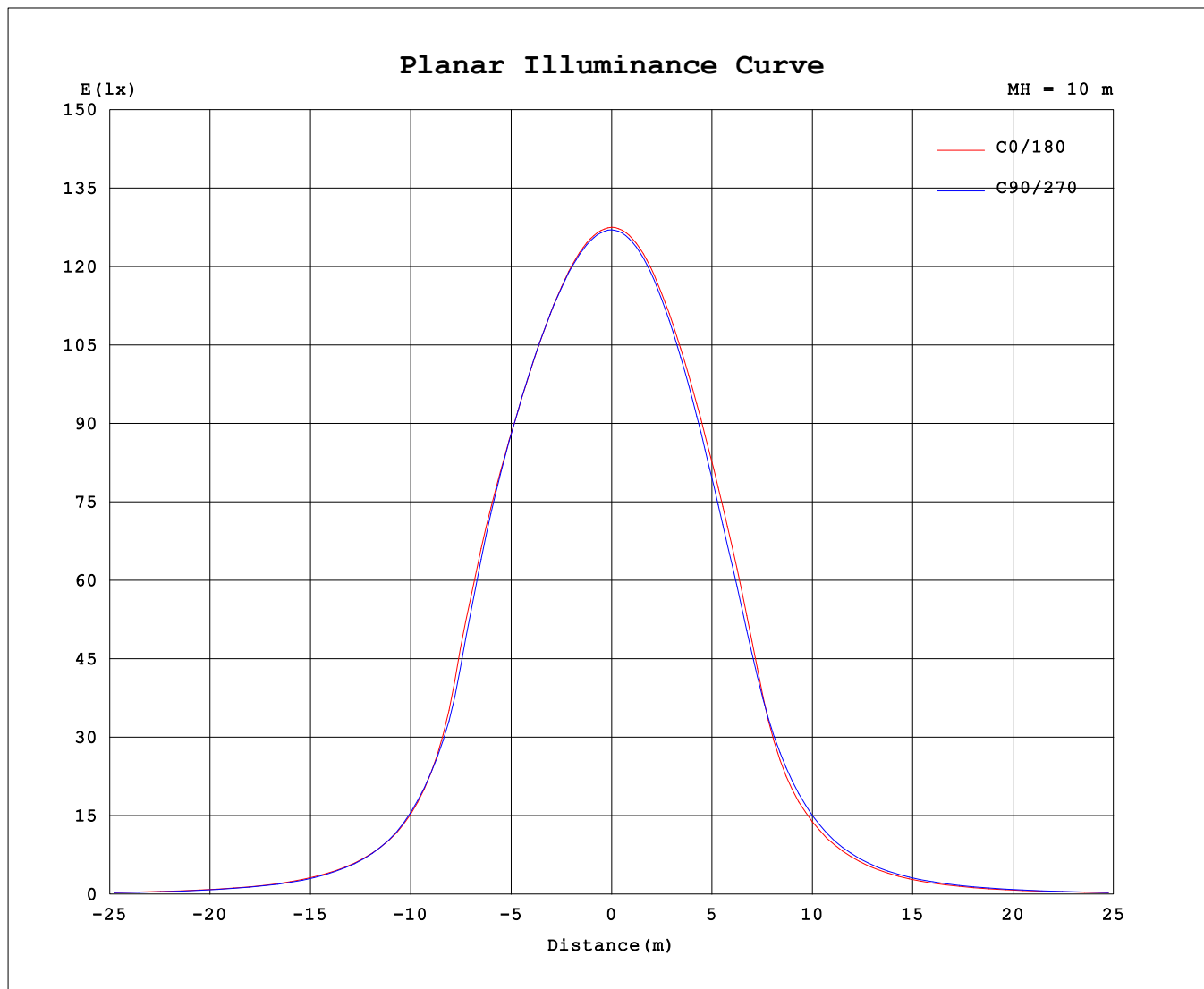
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 5392 |
| L_0~180 (75) av | 3443 |
| L_0~180 (85) av | 2589 |
| L_90~270 (65) av | 5519 |
| L_90~270 (75) av | 3519 |
| L_90~270 (85) av | 2573 |
| L_45 (65) av | 5342 |
| L_45 (75) av | 3460 |
| L_45 (85) av | 2599 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:11 July 2024

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 25.3 °C
Operators:
Test Date: 11 July 2024

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity: 65.0%
Test Distance: 8.050m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---|-----------------------------|------------------|
| Test:U:119.87V I:1.1865A P:141.67W PF:0.9961 Freq:60.01Hz | | |
| UTHDi:0.66% ITHDi:4.04% KDisp:0.0000 Lamp Flux:22913.9x1 lm | | |
| NAME: SS-UFO11-150/120/100W | TYPE: SS-UFO11-150/120/100W | WEIGHT: 01 |
| SPEC.: 120~277V | DIM.: 0.28 | SERIAL No.: |
| MFR.: | SUR.: 0.22 | Shielding Angle: |

Table--1

UNIT: X10cd

| C (DEG) γ (DEG) | 0 | 22.5 | 45 | 67.5 | 90 | 112.5 | 135 | 157.5 | 180 | 202.5 | 225 | 247.5 | 270 | 292.5 | 315 | 337.5 | | | |
|--------------------|------|------|------|------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|--|--|--|
| 0 | 1271 | 1271 | 1271 | 1271 | 1271 | 1271 | 1271 | 1271 | 1271 | 1271 | 1271 | 1271 | 1271 | 1271 | 1271 | 1271 | | | |
| 5 | 1270 | 1270 | 1270 | 1270 | 1271 | 1271 | 1271 | 1270 | 1270 | 1269 | 1269 | 1268 | 1269 | 1269 | 1270 | 1270 | | | |
| 10 | 1269 | 1270 | 1270 | 1271 | 1271 | 1271 | 1269 | 1266 | 1265 | 1262 | 1260 | 1259 | 1261 | 1263 | 1266 | 1268 | | | |
| 15 | 1266 | 1269 | 1270 | 1271 | 1270 | 1267 | 1261 | 1255 | 1251 | 1244 | 1240 | 1238 | 1242 | 1248 | 1257 | 1263 | | | |
| 20 | 1258 | 1264 | 1266 | 1267 | 1264 | 1257 | 1245 | 1232 | 1224 | 1211 | 1203 | 1199 | 1207 | 1219 | 1237 | 1251 | | | |
| 25 | 1238 | 1250 | 1253 | 1251 | 1243 | 1231 | 1211 | 1190 | 1175 | 1151 | 1137 | 1129 | 1142 | 1166 | 1199 | 1225 | | | |
| 30 | 1188 | 1208 | 1209 | 1202 | 1181 | 1163 | 1130 | 1101 | 1080 | 1041 | 1019 | 1007 | 1029 | 1066 | 1124 | 1172 | | | |
| 35 | 1034 | 1058 | 1049 | 1032 | 988 | 970 | 925 | 897 | 878 | 826 | 805 | 800 | 838 | 885 | 966 | 1036 | | | |
| 40 | 676 | 708 | 703 | 681 | 655 | 620 | 584 | 581 | 570 | 549 | 559 | 562 | 603 | 626 | 658 | 704 | | | |
| 45 | 432 | 464 | 454 | 459 | 444 | 402 | 382 | 386 | 392 | 367 | 385 | 405 | 427 | 429 | 435 | 456 | | | |
| 50 | 297 | 317 | 299 | 320 | 296 | 275 | 262 | 260 | 272 | 255 | 259 | 292 | 298 | 294 | 307 | 302 | | | |
| 55 | 205 | 214 | 201 | 221 | 200 | 189 | 180 | 174 | 185 | 179 | 177 | 206 | 205 | 201 | 215 | 202 | | | |
| 60 | 139 | 143 | 134 | 149 | 132 | 127 | 121 | 116 | 124 | 122 | 120 | 141 | 139 | 136 | 147 | 135 | | | |
| 65 | 91.5 | 93.2 | 88.4 | 96.3 | 85.6 | 83.5 | 78.5 | 75.9 | 81.7 | 80.2 | 78.7 | 92.4 | 91.6 | 89.7 | 97.4 | 90.2 | | | |
| 70 | 59.5 | 60.1 | 57.8 | 61.6 | 55.8 | 54.3 | 50.2 | 49.0 | 53.0 | 51.6 | 51.9 | 60.0 | 59.9 | 58.0 | 63.7 | 59.1 | | | |
| 75 | 35.7 | 36.3 | 34.7 | 36.2 | 32.8 | 31.4 | 29.3 | 28.4 | 32.1 | 30.9 | 32.4 | 36.2 | 36.4 | 35.7 | 39.6 | 36.4 | | | |
| 80 | 19.2 | 19.6 | 18.9 | 19.5 | 17.7 | 17.1 | 16.3 | 15.6 | 17.4 | 16.9 | 17.9 | 19.6 | 20.1 | 19.6 | 21.5 | 20.4 | | | |
| 85 | 9.14 | 9.25 | 8.52 | 8.42 | 7.40 | 7.22 | 6.69 | 6.65 | 8.00 | 7.88 | 8.41 | 9.03 | 9.65 | 9.71 | 10.8 | 10.5 | | | |
| 90 | 4.17 | 4.16 | 4.19 | 4.21 | 4.26 | 4.28 | 4.31 | 4.33 | 4.15 | 4.17 | 4.16 | 4.17 | 4.14 | 4.15 | 4.19 | 4.21 | | | |
| 95 | 4.55 | 4.53 | 4.55 | 4.58 | 4.64 | 4.68 | 4.75 | 4.79 | 4.45 | 4.50 | 4.50 | 4.51 | 4.45 | 4.43 | 4.39 | 4.38 | | | |
| 100 | 5.05 | 5.01 | 5.03 | 5.05 | 5.13 | 5.20 | 5.29 | 5.36 | 4.93 | 5.02 | 5.03 | 5.04 | 4.96 | 4.90 | 4.79 | 4.74 | | | |
| 105 | 5.62 | 5.58 | 5.59 | 5.62 | 5.71 | 5.79 | 5.91 | 6.00 | 5.58 | 5.69 | 5.71 | 5.71 | 5.62 | 5.52 | 5.39 | 5.31 | | | |
| 110 | 6.26 | 6.20 | 6.23 | 6.25 | 6.35 | 6.44 | 6.59 | 6.68 | 6.34 | 6.47 | 6.47 | 6.48 | 6.37 | 6.27 | 6.12 | 6.02 | | | |
| 115 | 6.94 | 6.88 | 6.91 | 6.93 | 7.05 | 7.14 | 7.30 | 7.39 | 7.17 | 7.30 | 7.32 | 7.31 | 7.20 | 7.09 | 6.94 | 6.82 | | | |
| 120 | 7.66 | 7.59 | 7.63 | 7.64 | 7.77 | 7.88 | 8.02 | 8.11 | 8.05 | 8.16 | 8.18 | 8.17 | 8.06 | 7.95 | 7.79 | 7.67 | | | |
| 125 | 8.41 | 8.34 | 8.36 | 8.37 | 8.51 | 8.62 | 8.76 | 8.88 | 8.91 | 9.03 | 9.05 | 9.03 | 8.92 | 8.81 | 8.64 | 8.53 | | | |
| 130 | 9.18 | 9.11 | 9.13 | 9.14 | 9.27 | 9.38 | 9.53 | 9.65 | 9.77 | 9.89 | 9.91 | 9.88 | 9.78 | 9.67 | 9.51 | 9.41 | | | |
| 135 | 9.96 | 9.89 | 9.92 | 9.94 | 10.1 | 10.2 | 10.3 | 10.4 | 10.6 | 10.7 | 10.8 | 10.7 | 10.6 | 10.5 | 10.4 | 10.3 | | | |
| 140 | 10.7 | 10.6 | 10.6 | 10.7 | 10.8 | 10.9 | 11.0 | 11.1 | 11.4 | 11.5 | 11.5 | 11.5 | 11.4 | 11.3 | 11.2 | 11.1 | | | |
| 145 | 11.3 | 11.3 | 11.3 | 11.3 | 11.4 | 11.5 | 11.6 | 11.7 | 12.0 | 12.1 | 12.1 | 12.0 | 12.0 | 11.9 | 11.8 | 11.7 | | | |
| 150 | 11.9 | 11.9 | 11.9 | 11.9 | 12.0 | 12.1 | 12.1 | 12.2 | 12.5 | 12.5 | 12.5 | 12.5 | 12.4 | 12.4 | 12.3 | 12.2 | | | |
| 155 | 12.5 | 12.5 | 12.5 | 12.5 | 12.6 | 12.6 | 12.6 | 12.7 | 13.0 | 13.0 | 12.9 | 12.9 | 12.8 | 12.8 | 12.7 | 12.7 | | | |
| 160 | 13.0 | 13.0 | 13.1 | 13.1 | 13.1 | 13.1 | 13.1 | 13.2 | 13.4 | 13.4 | 13.4 | 13.3 | 13.3 | 13.2 | 13.2 | 13.2 | | | |
| 165 | 13.6 | 13.6 | 13.7 | 13.7 | 13.7 | 13.7 | 13.7 | 13.8 | 13.9 | 13.9 | 13.8 | 13.8 | 13.7 | 13.7 | 13.7 | 13.7 | | | |
| 170 | 14.1 | 14.1 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.3 | 14.3 | 14.3 | 14.2 | 14.2 | 14.2 | 14.1 | 14.2 | | | |
| 175 | 14.5 | 14.6 | 14.6 | 14.6 | 14.6 | 14.6 | 14.6 | 14.6 | 14.6 | 14.6 | 14.6 | 14.6 | 14.5 | 14.5 | 14.5 | 14.5 | | | |
| 180 | 14.8 | 14.8 | 14.8 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.8 | 14.8 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | | | |

C Range: 0 - 360DEG

C Interval: 22.5DEG

Test Speed: MEDIUM

Temperature:25.3℃

Operators:

Test Date:11 July 2024

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458

Humidity:65.0%

Test Distance:8.050m [K=1.0000]

Remarks: