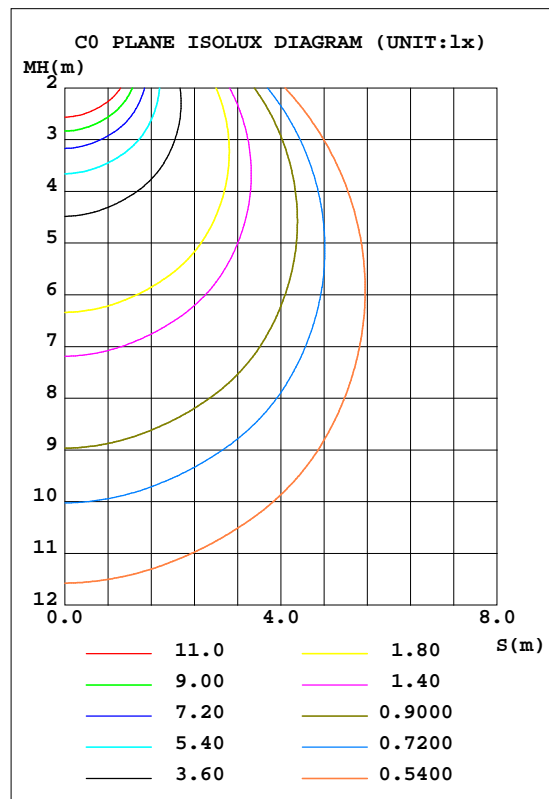
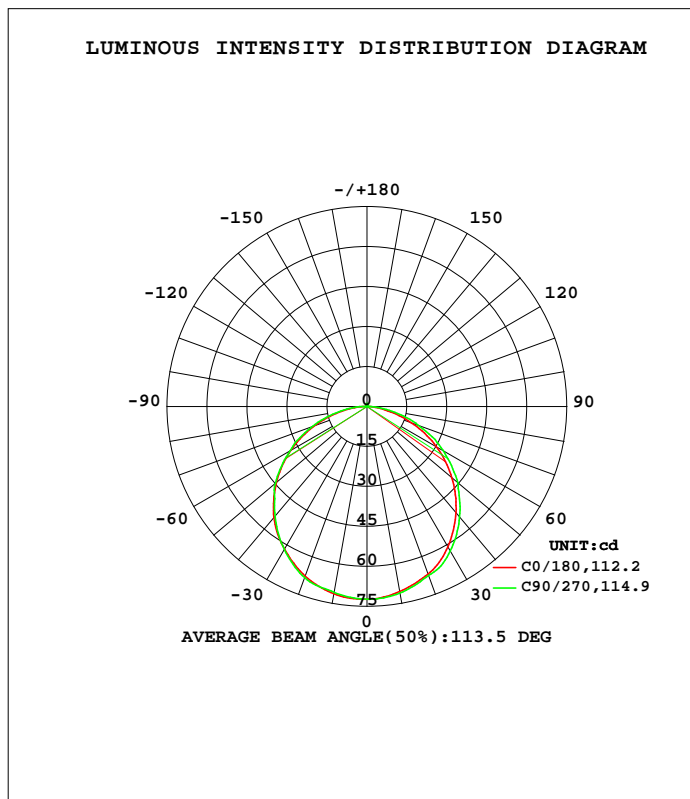


LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|---|--------------------|------------------|
| Test:U:24.00V I:0.2693A P:6.463W PF:1.000 Freq:0Hz Lamp Flux:211.566x1 lm | | |
| NAME: DLS-LS0812FDXSS1000 | TYPE: | WEIGHT: |
| SPEC.:DLS-LS0812FDXSS1000-F7NW9X-DC | DIM.: 1000*08*12mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*08 | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA | | | |
|------------------|---------------------|------------------|--------|--------------------|----------|
| MODEL | DLS-LS0812FDXSS1000 | Imax(cd) | 72.35 | S/MH(C0/180) | 1.25 |
| NOMINAL POWER(W) | 7 | LOR(%) | 100.0 | S/MH(C90/270) | 1.27 |
| RATED VOLTAGE(V) | 24 | TOTAL FLUX(lm) | 211.57 | h UP, DN(C0-180) | 0.8,48.5 |
| NOMINAL FLUX(lm) | 211.566 | CIE CLASS | DIRECT | h UP, DN(C180-360) | 0.8,49.8 |
| LAMPS INSIDE | 1 | h up(%) | 1.6 | CIBSE SHR NOM | 1.25 |
| TEST VOLTAGE(V) | 24 | h down(%) | 98.4 | CIBSE SHR MAX | 1.35 |



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JYH
 Test Date:2021-03-24

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.950m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

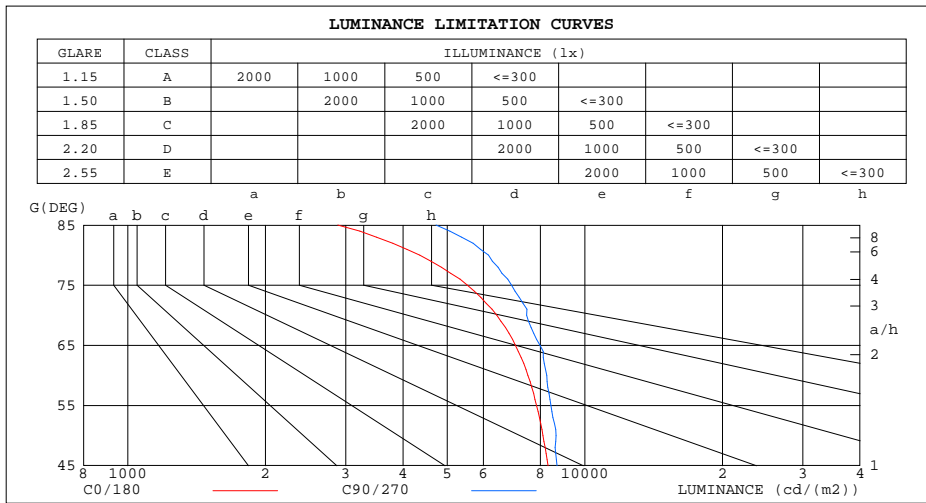
| g | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | g | F zone | F total | %lum,lamp |
|-----|-----------------------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|-----------|
| 10 | 70.48 | 70.71 | 71.07 | 71.42 | 71.38 | 71.15 | 70.82 | 70.51 | 0- 10 | 6.838 | 6.838 | 3.23,3.23 |
| 20 | 66.99 | 66.55 | 67.54 | 67.87 | 67.75 | 67.72 | 68.41 | 66.32 | 10- 20 | 19.59 | 26.43 | 12.5,12.5 |
| 30 | 60.77 | 60.06 | 62.58 | 61.95 | 61.82 | 62.30 | 62.00 | 61.00 | 20- 30 | 29.87 | 56.30 | 26.6,26.6 |
| 40 | 52.00 | 51.73 | 54.13 | 54.06 | 54.35 | 54.35 | 53.73 | 52.63 | 30- 40 | 36.10 | 92.41 | 43.7,43.7 |
| 50 | 41.65 | 41.75 | 44.52 | 44.35 | 44.38 | 44.32 | 44.92 | 42.37 | 40- 50 | 37.47 | 129.9 | 61.4,61.4 |
| 60 | 30.02 | 30.25 | 33.00 | 33.11 | 32.98 | 32.99 | 33.31 | 30.97 | 50- 60 | 33.89 | 163.8 | 77.4,77.4 |
| 70 | 17.55 | 17.85 | 20.39 | 20.86 | 20.67 | 20.77 | 21.83 | 18.71 | 60- 70 | 25.75 | 189.5 | 89.6,89.6 |
| 80 | 6.050 | 6.413 | 8.556 | 8.784 | 8.661 | 8.730 | 9.992 | 7.064 | 70- 80 | 14.53 | 204.1 | 96.5,96.5 |
| 90 | 0.3482 | 0.2939 | 0.6455 | 0.6947 | 0.6346 | 0.8214 | 1.328 | 0.9634 | 80- 90 | 4.031 | 208.1 | 98.4,98.4 |
| 100 | 0.2603 | 0.2939 | 0.2338 | 0.2405 | 0.2342 | 0.4479 | 0.1271 | 0.6950 | 90-100 | 0.4572 | 208.5 | 98.6,98.6 |
| 110 | 0.4209 | 0.3743 | 0.3206 | 0.3210 | 0.3475 | 0.3607 | 0.2942 | 0.5477 | 100-110 | 0.3540 | 208.9 | 98.7,98.7 |
| 120 | 0.5803 | 0.5481 | 0.4734 | 0.4747 | 0.4543 | 0.3336 | 0.4414 | 0.4008 | 110-120 | 0.4066 | 209.3 | 98.9,98.9 |
| 130 | 0.7080 | 0.7149 | 0.5946 | 0.6146 | 0.5812 | 0.5277 | 0.5611 | 0.5409 | 120-130 | 0.4835 | 209.8 | 99.2,99.2 |
| 140 | 0.8348 | 0.8015 | 0.7214 | 0.7548 | 0.6816 | 0.6277 | 0.6549 | 0.6346 | 130-140 | 0.5130 | 210.3 | 99.4,99.4 |
| 150 | 0.9418 | 0.8550 | 0.8281 | 0.8817 | 0.7886 | 0.8082 | 0.7683 | 0.7280 | 140-150 | 0.4777 | 210.8 | 99.6,99.6 |
| 160 | 1.035 | 0.9084 | 0.9549 | 0.9953 | 0.8952 | 0.9418 | 0.9420 | 0.8008 | 150-160 | 0.4026 | 211.2 | 99.8,99.8 |
| 170 | 1.055 | 1.049 | 1.069 | 1.102 | 0.9218 | 1.049 | 1.109 | 0.9948 | 160-170 | 0.2779 | 211.5 | 100,100 |
| 180 | 1.042 | 1.189 | 1.222 | 1.249 | 1.022 | 1.162 | 1.242 | 1.196 | 170-180 | 0.1035 | 211.6 | 100,100 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JYH
 Test Date:2021-03-24

g Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.950m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|---|--------------------|------------------|
| Test:U:24.00V I:0.2693A P:6.463W PF:1.000 Freq:0Hz Lamp Flux:211.566x1 lm | | |
| NAME: DLS-LS0812FDXSS1000 | TYPE: | WEIGHT: |
| SPEC.:DLS-LS0812FDXSS1000-F7NW9X-DC | DIM.: 1000*08*12mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*08 | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G(DEG) | C0/180 | C90/270 |
| 85 | 2883 | 4729 |
| 80 | 4355 | 6159 |
| 75 | 5531 | 6917 |
| 70 | 6415 | 7454 |
| 65 | 7053 | 7978 |
| 60 | 7506 | 8251 |
| 55 | 7844 | 8431 |
| 50 | 8099 | 8657 |
| 45 | 8309 | 8698 |

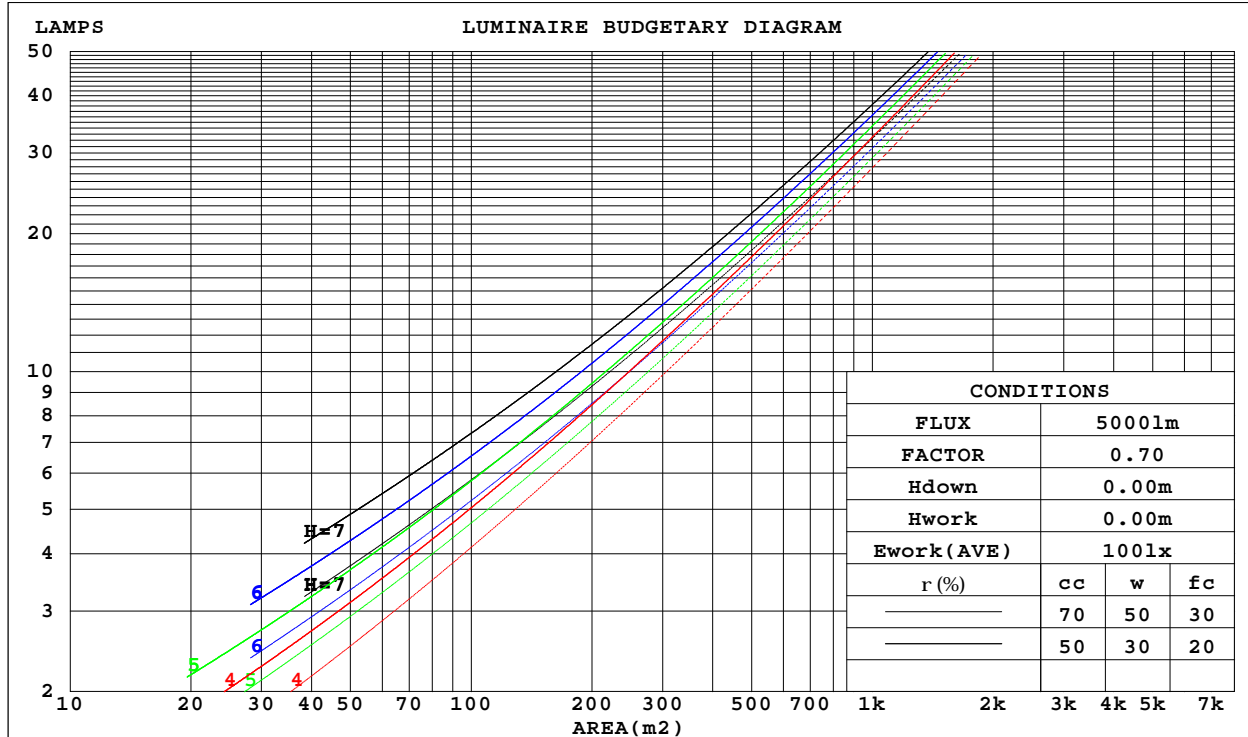
C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JYH
 Test Date:2021-03-24

G Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.950m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|---|--------------------|------------------|
| Test:U:24.00V I:0.2693A P:6.463W PF:1.000 Freq:0Hz Lamp Flux:211.566x1 lm | | |
| NAME: DLS-LS0812FDXSS1000 | TYPE: | WEIGHT: |
| SPEC.:DLS-LS0812FDXSS1000-F7NW9X-DC | DIM.: 1000*08*12mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*08 | Shielding Angle: |

| | | | | | | | | | | | | | | | | |
|-----------------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|-----|
| r _{cc} | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
| r _w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| r _{fc} | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Coefficients of Utilization(CU) | | | | | | | | | |
| 0.0 | 1.19 | 1.19 | 1.19 | 1.16 | 1.16 | 1.16 | 1.10 | 1.10 | 1.10 | 1.05 | 1.05 | 1.05 | 1.01 | 1.01 | 1.01 | .98 |
| 1.0 | 1.03 | .99 | .95 | 1.01 | .97 | .94 | .96 | .93 | .90 | .92 | .90 | .87 | .88 | .86 | .84 | .82 |
| 2.0 | .90 | .83 | .77 | .88 | .82 | .76 | .84 | .79 | .74 | .81 | .76 | .72 | .77 | .74 | .71 | .68 |
| 3.0 | .79 | .71 | .64 | .77 | .70 | .64 | .74 | .68 | .62 | .71 | .66 | .61 | .68 | .64 | .60 | .57 |
| 4.0 | .70 | .61 | .54 | .68 | .60 | .54 | .66 | .59 | .53 | .63 | .57 | .52 | .61 | .56 | .51 | .49 |
| 5.0 | .62 | .53 | .47 | .61 | .53 | .46 | .59 | .51 | .46 | .57 | .50 | .45 | .55 | .49 | .44 | .42 |
| 6.0 | .56 | .47 | .41 | .55 | .47 | .40 | .53 | .46 | .40 | .51 | .45 | .39 | .50 | .44 | .39 | .37 |
| 7.0 | .51 | .42 | .36 | .50 | .42 | .36 | .48 | .41 | .35 | .47 | .40 | .35 | .45 | .39 | .35 | .33 |
| 8.0 | .46 | .38 | .32 | .46 | .37 | .32 | .44 | .37 | .32 | .43 | .36 | .31 | .41 | .35 | .31 | .29 |
| 9.0 | .43 | .34 | .29 | .42 | .34 | .29 | .41 | .33 | .28 | .39 | .33 | .28 | .38 | .32 | .28 | .26 |
| 10.0 | .39 | .31 | .26 | .39 | .31 | .26 | .38 | .31 | .26 | .36 | .30 | .26 | .35 | .30 | .25 | .24 |



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JYH
 Test Date:2021-03-24

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.950m [K=1.0000]
 Remarks:

WEC AND CCEC

| | | |
|---|--------------------|------------------|
| Test:U:24.00V I:0.2693A P:6.463W PF:1.000 Freq:0Hz Lamp Flux:211.566x1 lm | | |
| NAME: DLS-LS0812FDXSS1000 | TYPE: | WEIGHT: |
| SPEC.:DLS-LS0812FDXSS1000-F7NW9X-DC | DIM.: 1000*08*12mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*08 | Shielding Angle: |

| rcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|---|
| rw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| rfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Wall Exitance Coefficients(WEC) | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | |
| 1.0 | .310 | .176 | .056 | .302 | .172 | .055 | .288 | .165 | .053 | .275 | .159 | .051 | .263 | .152 | .049 | |
| 2.0 | .291 | .160 | .049 | .285 | .157 | .048 | .272 | .151 | .047 | .261 | .146 | .046 | .250 | .141 | .045 | |
| 3.0 | .270 | .144 | .043 | .264 | .141 | .043 | .253 | .137 | .042 | .242 | .133 | .041 | .233 | .129 | .040 | |
| 4.0 | .249 | .129 | .038 | .244 | .127 | .038 | .234 | .124 | .037 | .224 | .121 | .036 | .216 | .117 | .036 | |
| 5.0 | .230 | .117 | .034 | .225 | .116 | .034 | .217 | .113 | .033 | .208 | .110 | .033 | .201 | .107 | .032 | |
| 6.0 | .213 | .107 | .031 | .209 | .106 | .030 | .201 | .103 | .030 | .194 | .101 | .030 | .187 | .098 | .029 | |
| 7.0 | .199 | .098 | .028 | .195 | .097 | .028 | .188 | .095 | .027 | .181 | .093 | .027 | .175 | .091 | .027 | |
| 8.0 | .185 | .091 | .025 | .182 | .090 | .025 | .176 | .088 | .025 | .170 | .086 | .025 | .164 | .084 | .025 | |
| 9.0 | .174 | .084 | .023 | .171 | .083 | .023 | .165 | .082 | .023 | .160 | .080 | .023 | .155 | .078 | .023 | |
| 10.0 | .163 | .078 | .022 | .161 | .078 | .022 | .155 | .076 | .021 | .151 | .075 | .021 | .146 | .073 | .021 | |

| rcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|---|
| rw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| rfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Ceiling Cavity Exitance Coefficients(CCEC) | | | | | | | | | |
| 0.0 | .203 | .203 | .203 | .173 | .173 | .173 | .118 | .118 | .118 | .068 | .068 | .068 | .022 | .022 | .022 | |
| 1.0 | .193 | .169 | .147 | .165 | .145 | .127 | .113 | .100 | .087 | .065 | .058 | .051 | .021 | .019 | .016 | |
| 2.0 | .185 | .145 | .111 | .158 | .124 | .096 | .109 | .086 | .067 | .063 | .050 | .039 | .020 | .016 | .013 | |
| 3.0 | .177 | .127 | .087 | .152 | .110 | .076 | .104 | .076 | .053 | .060 | .044 | .031 | .019 | .014 | .010 | |
| 4.0 | .170 | .114 | .071 | .146 | .098 | .062 | .100 | .069 | .044 | .058 | .040 | .026 | .019 | .013 | .008 | |
| 5.0 | .162 | .103 | .060 | .139 | .090 | .052 | .096 | .063 | .037 | .056 | .037 | .022 | .018 | .012 | .007 | |
| 6.0 | .155 | .095 | .052 | .133 | .082 | .045 | .092 | .058 | .032 | .053 | .034 | .019 | .017 | .011 | .006 | |
| 7.0 | .148 | .088 | .046 | .128 | .076 | .040 | .088 | .054 | .029 | .051 | .032 | .017 | .017 | .010 | .006 | |
| 8.0 | .142 | .082 | .042 | .122 | .072 | .036 | .084 | .050 | .026 | .049 | .030 | .015 | .016 | .010 | .005 | |
| 9.0 | .136 | .078 | .038 | .117 | .067 | .033 | .081 | .047 | .024 | .047 | .028 | .014 | .015 | .009 | .005 | |
| 10.0 | .130 | .073 | .035 | .112 | .064 | .031 | .078 | .045 | .022 | .045 | .026 | .013 | .015 | .009 | .004 | |

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JYH
 Test Date:2021-03-24

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.950m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|---|------------------|------|------|------|--------------------|----------------|------|------------------|------|------|
| Test:U:24.00V I:0.2693A P:6.463W PF:1.000 Freq:0Hz Lamp Flux:211.566x1 lm | | | | | | | | | | |
| NAME: DLS-LS0812FDXSS1000 | | | | | TYPE: | | | WEIGHT: | | |
| SPEC.:DLS-LS0812FDXSS1000-F7NW9X-DC | | | | | DIM.: 1000*08*12mm | | | SERIAL No.: | | |
| MFR.: COLORS | | | | | SUR.:1000*08 | | | 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 | 25.2 | 26.7 | 25.5 | 26.9 | 27.1 | 25.5 | 27.0 | 25.8 | 27.2 | 27.5 |
| 3H | 26.5 | 27.9 | 26.8 | 28.2 | 28.4 | 27.0 | 28.4 | 27.3 | 28.7 | 28.9 |
| 4H | 27.0 | 28.3 | 27.3 | 28.6 | 28.9 | 27.6 | 28.9 | 27.9 | 29.2 | 29.5 |
| 6H | 27.3 | 28.5 | 27.6 | 28.8 | 29.1 | 28.0 | 29.3 | 28.4 | 29.6 | 29.9 |
| 8H | 27.3 | 28.5 | 27.7 | 28.8 | 29.2 | 28.1 | 29.3 | 28.5 | 29.7 | 30.0 |
| 12H | 27.3 | 28.5 | 27.7 | 28.8 | 29.1 | 28.2 | 29.4 | 28.6 | 29.7 | 30.0 |
| 4H 2H | 25.7 | 27.1 | 26.1 | 27.3 | 27.6 | 26.0 | 27.3 | 26.3 | 27.6 | 27.9 |
| 3H | 27.3 | 28.4 | 27.7 | 28.8 | 29.1 | 27.7 | 28.8 | 28.1 | 29.2 | 29.5 |
| 4H | 27.9 | 28.9 | 28.3 | 29.3 | 29.6 | 28.4 | 29.4 | 28.8 | 29.8 | 30.2 |
| 6H | 28.2 | 29.2 | 28.7 | 29.5 | 29.9 | 28.9 | 29.9 | 29.4 | 30.2 | 30.6 |
| 8H | 28.3 | 29.2 | 28.8 | 29.6 | 30.0 | 29.1 | 30.0 | 29.5 | 30.4 | 30.8 |
| 12H | 28.4 | 29.2 | 28.8 | 29.6 | 30.0 | 29.2 | 30.0 | 29.6 | 30.4 | 30.9 |
| 8H 4H | 28.1 | 28.9 | 28.5 | 29.3 | 29.8 | 28.6 | 29.4 | 29.0 | 29.8 | 30.3 |
| 6H | 28.6 | 29.3 | 29.0 | 29.7 | 30.2 | 29.2 | 29.9 | 29.7 | 30.4 | 30.8 |
| 8H | 28.7 | 29.3 | 29.2 | 29.8 | 30.3 | 29.5 | 30.1 | 29.9 | 30.5 | 31.0 |
| 12H | 28.8 | 29.3 | 29.3 | 29.8 | 30.3 | 29.6 | 30.2 | 30.1 | 30.6 | 31.1 |
| 12H 4H | 28.1 | 28.9 | 28.5 | 29.3 | 29.7 | 28.6 | 29.4 | 29.0 | 29.8 | 30.2 |
| 6H | 28.6 | 29.2 | 29.1 | 29.7 | 30.2 | 29.2 | 29.9 | 29.7 | 30.3 | 30.8 |
| 8H | 28.8 | 29.3 | 29.3 | 29.8 | 30.3 | 29.5 | 30.0 | 30.0 | 30.5 | 31.0 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S = 1.0H | + 0.2 / - 0.2 | | | | | + 0.2 / - 0.2 | | | | |
| 1.5H | + 0.2 / - 0.3 | | | | | + 0.2 / - 0.3 | | | | |
| 2.0H | + 0.2 / - 0.3 | | | | | + 0.3 / - 0.3 | | | | |

CIE Pub.117, 211.6 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -5.4)

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JYH
 Test Date:2021-03-24

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.950m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

| | | |
|---|--------------------|------------------|
| Test:U:24.00V I:0.2693A P:6.463W PF:1.000 Freq:0Hz Lamp Flux:211.566x1 lm | | |
| NAME: DLS-LS0812FDXSS1000 | TYPE: | WEIGHT: |
| SPEC.:DLS-LS0812FDXSS1000-F7NW9X-DC | DIM.: 1000*08*12mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*08 | Shielding Angle: |

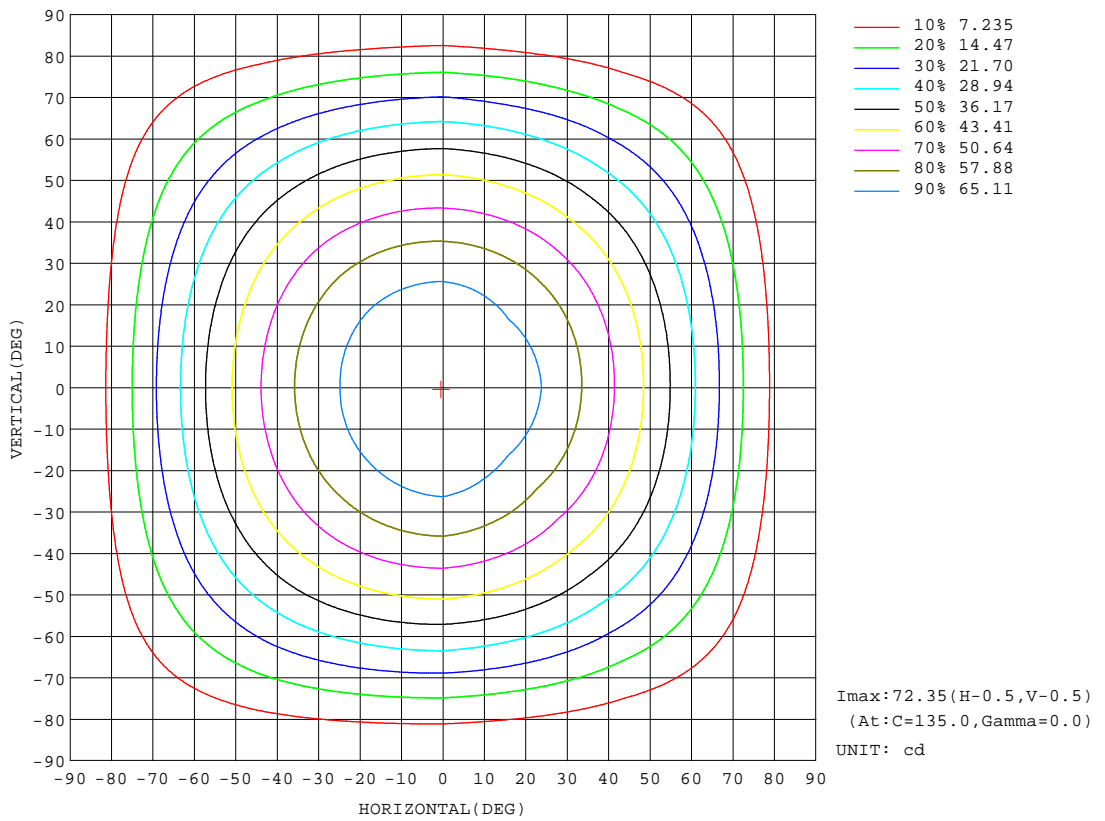
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|---------------|-----|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 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) x RCR = 5 | | | | | | | | | |
| k = 0.60 | 57 | 45 | 38 | 56 | 45 | 38 | 55 | 44 | 38 | 31 |
| 0.80 | 67 | 55 | 48 | 66 | 55 | 48 | 64 | 54 | 47 | 40 |
| 1.00 | 75 | 64 | 57 | 74 | 64 | 57 | 72 | 65 | 56 | 49 |
| 1.25 | 82 | 72 | 65 | 81 | 71 | 64 | 78 | 70 | 63 | 56 |
| 1.50 | 87 | 78 | 70 | 86 | 77 | 70 | 82 | 75 | 69 | 61 |
| 2.00 | 94 | 86 | 79 | 92 | 84 | 78 | 89 | 82 | 77 | 69 |
| 2.50 | 98 | 90 | 84 | 96 | 89 | 83 | 92 | 86 | 81 | 73 |
| 3.00 | 102 | 95 | 89 | 99 | 93 | 88 | 95 | 90 | 86 | 77 |
| 4.00 | 106 | 100 | 95 | 103 | 98 | 94 | 99 | 94 | 91 | 82 |
| 5.00 | 108 | 103 | 99 | 106 | 101 | 97 | 101 | 97 | 94 | 84 |
| ROOM INDEX | UF(total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | SHRNOM = 1.25 | | | |

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JYH
 Test Date:2021-03-24

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.950m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

| | | |
|---|--------------------|------------------|
| Test:U:24.00V I:0.2693A P:6.463W PF:1.000 Freq:0Hz Lamp Flux:211.566x1 lm | | |
| NAME: DLS-LS0812FDXSS1000 | TYPE: | WEIGHT: |
| SPEC.:DLS-LS0812FDXSS1000-F7NW9X-DC | DIM.: 1000*08*12mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*08 | Shielding Angle: |



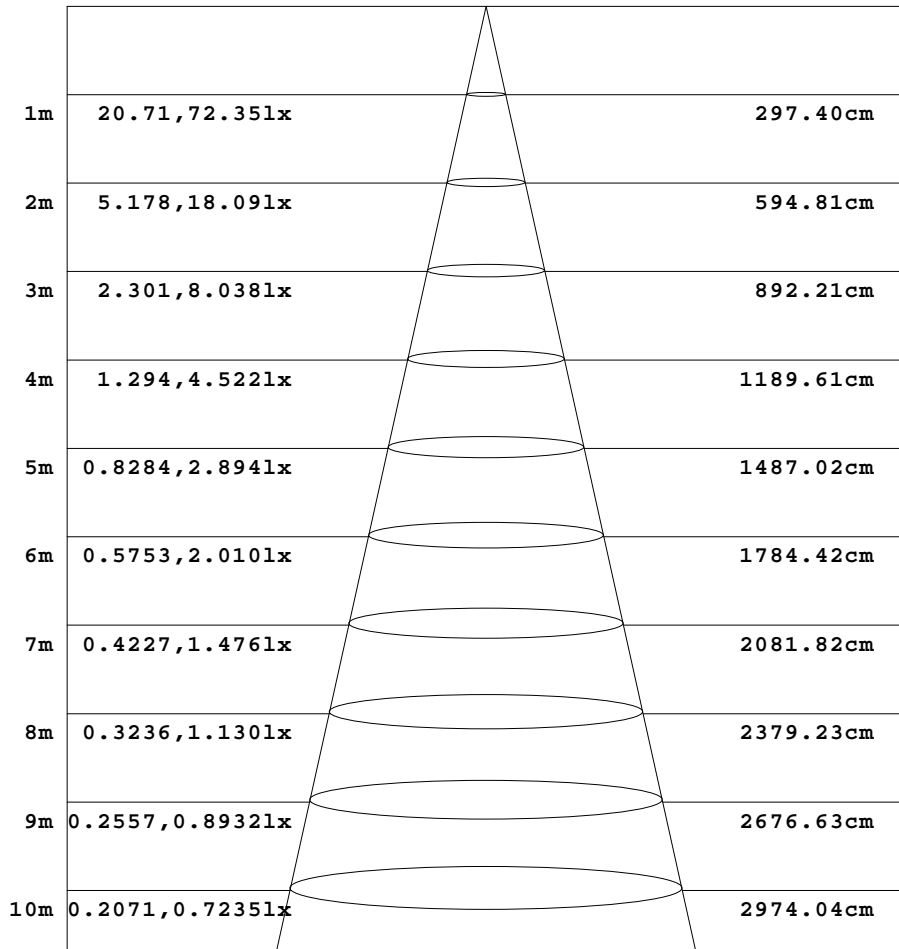
C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: JYH
 Test Date: 2021-03-24

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 10.950m [K=1.0000]
 Remarks:

AAI Figure

| | | |
|---|--------------------|------------------|
| Test:U:24.00V I:0.2693A P:6.463W PF:1.000 Freq:0Hz Lamp Flux:211.566x1 lm | | |
| NAME: DLS-LS0812FDXSS1000 | TYPE: | WEIGHT: |
| SPEC.:DLS-LS0812FDXSS1000-F7NW9X-DC | DIM.: 1000*08*12mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*08 | Shielding Angle: |

Flux out:154.3 lm



Height Eavg, Emax Angle:112.16deg Diameter

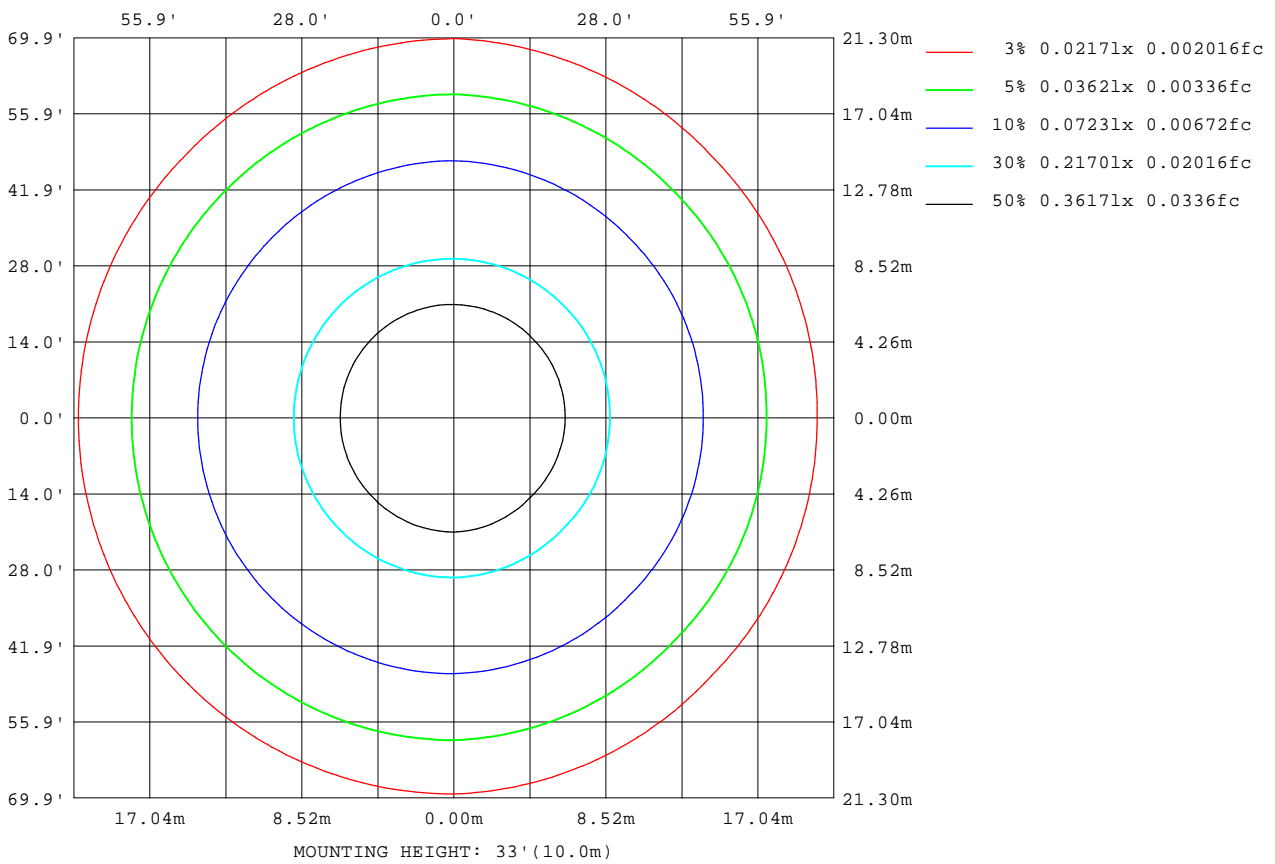
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JYH
 Test Date:2021-03-24

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.950m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

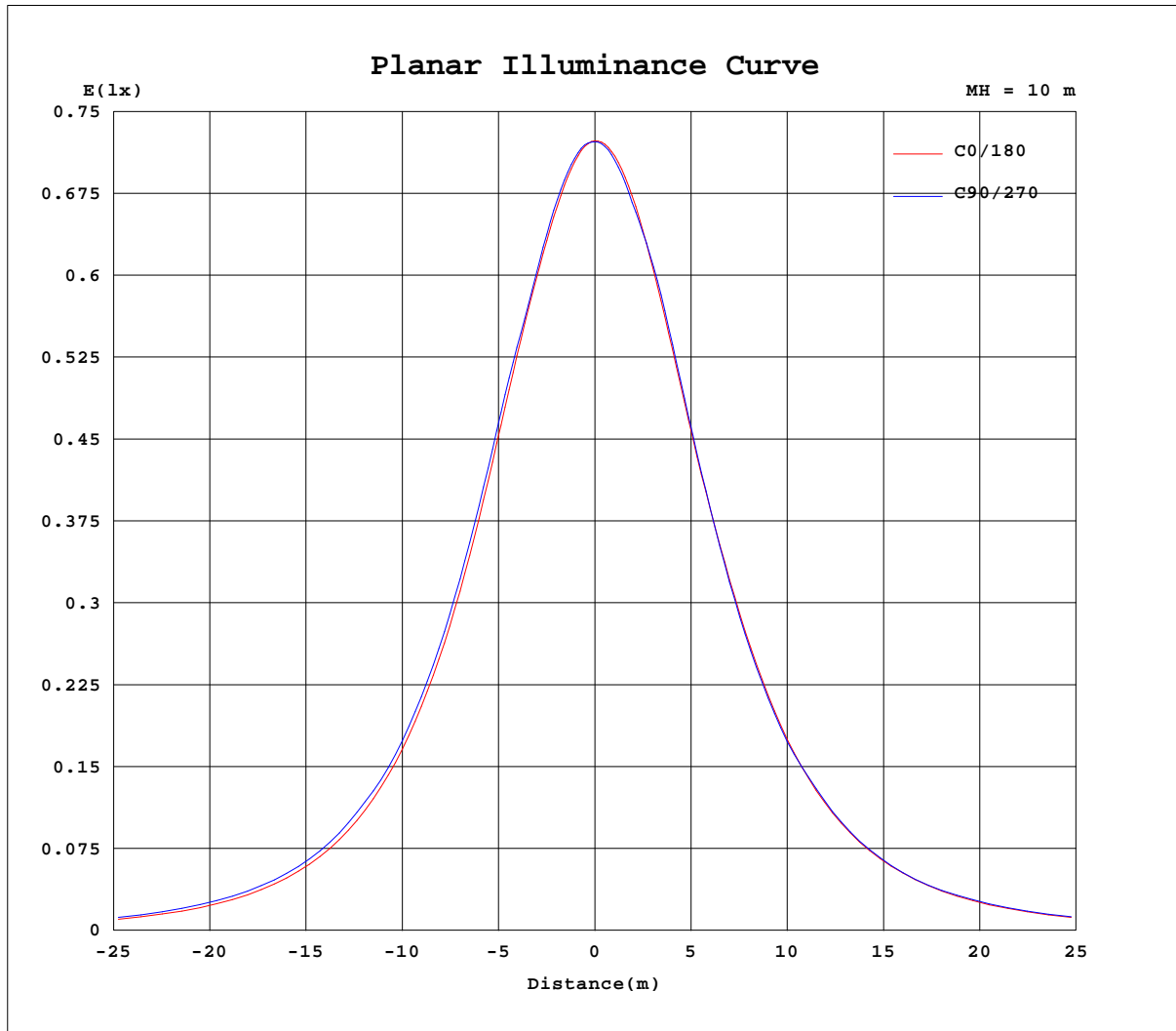
| | | |
|---|--------------------|------------------|
| Test:U:24.00V I:0.2693A P:6.463W PF:1.000 Freq:0Hz Lamp Flux:211.566x1 lm | | |
| NAME: DLS-LS0812FDXSS1000 | TYPE: | WEIGHT: |
| SPEC.:DLS-LS0812FDXSS1000-F7NW9X-DC | DIM.: 1000*08*12mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*08 | Shielding Angle: |



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
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 Test Date:2021-03-24

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.950m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: JYH
 Test Date: 2021-03-24

Page Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 10.950m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---|--------------------|------------------|
| Test:U:24.00V I:0.2693A P:6.463W PF:1.000 Freq:0Hz Lamp Flux:211.566x1 lm | | |
| NAME: DLS-LS0812FDXSS1000 | TYPE: | WEIGHT: |
| SPEC.:DLS-LS0812FDXSS1000-F7NW9X-DC | DIM.: 1000*08*12mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*08 | Shielding Angle: |

Table--1

UNIT: cd

| C(DEG) g (DEG) | 0 | 45 | 90 | 135 | 180 | 225 | 270 | 315 | | | | | | | | | | | |
|-------------------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|--|--|--|--|--|
| 0 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | | | | | | | | | | | |
| 5 | 71.8 | 71.8 | 72.0 | 72.2 | 72.2 | 72.1 | 71.9 | 71.8 | | | | | | | | | | | |
| 10 | 70.5 | 70.7 | 71.1 | 71.4 | 71.4 | 71.2 | 70.8 | 70.5 | | | | | | | | | | | |
| 15 | 68.8 | 68.9 | 69.5 | 69.9 | 69.9 | 69.5 | 69.9 | 68.6 | | | | | | | | | | | |
| 20 | 67.0 | 66.6 | 67.5 | 67.9 | 67.7 | 67.7 | 68.4 | 66.3 | | | | | | | | | | | |
| 25 | 64.4 | 63.5 | 65.9 | 65.2 | 65.0 | 65.4 | 65.5 | 63.9 | | | | | | | | | | | |
| 30 | 60.8 | 60.1 | 62.6 | 62.0 | 61.8 | 62.3 | 62.0 | 61.0 | | | | | | | | | | | |
| 35 | 56.6 | 56.1 | 58.6 | 58.3 | 58.5 | 58.6 | 58.1 | 57.1 | | | | | | | | | | | |
| 40 | 52.0 | 51.7 | 54.1 | 54.1 | 54.3 | 54.4 | 53.7 | 52.6 | | | | | | | | | | | |
| 45 | 47.0 | 46.9 | 49.2 | 49.4 | 49.5 | 49.5 | 49.0 | 47.7 | | | | | | | | | | | |
| 50 | 41.6 | 41.7 | 44.5 | 44.4 | 44.4 | 44.3 | 44.9 | 42.4 | | | | | | | | | | | |
| 55 | 36.0 | 36.2 | 38.7 | 38.9 | 38.8 | 38.8 | 39.3 | 36.8 | | | | | | | | | | | |
| 60 | 30.0 | 30.2 | 33.0 | 33.1 | 33.0 | 33.0 | 33.3 | 31.0 | | | | | | | | | | | |
| 65 | 23.8 | 24.2 | 27.0 | 27.1 | 26.9 | 26.9 | 27.9 | 24.9 | | | | | | | | | | | |
| 70 | 17.6 | 17.9 | 20.4 | 20.9 | 20.7 | 20.8 | 21.8 | 18.7 | | | | | | | | | | | |
| 75 | 11.5 | 11.9 | 14.3 | 14.7 | 14.5 | 14.6 | 15.8 | 12.6 | | | | | | | | | | | |
| 80 | 6.05 | 6.41 | 8.56 | 8.78 | 8.66 | 8.73 | 9.99 | 7.06 | | | | | | | | | | | |
| 85 | 2.01 | 2.21 | 3.30 | 3.86 | 3.84 | 3.93 | 5.04 | 2.86 | | | | | | | | | | | |
| 90 | 0.35 | 0.29 | 0.65 | 0.69 | 0.63 | 0.82 | 1.33 | 0.96 | | | | | | | | | | | |
| 95 | 0.26 | 0.30 | 0.56 | 0.29 | 0.19 | 0.45 | 0.20 | 0.81 | | | | | | | | | | | |
| 100 | 0.26 | 0.29 | 0.23 | 0.24 | 0.23 | 0.45 | 0.13 | 0.69 | | | | | | | | | | | |
| 105 | 0.31 | 0.31 | 0.24 | 0.25 | 0.28 | 0.42 | 0.21 | 0.55 | | | | | | | | | | | |
| 110 | 0.42 | 0.37 | 0.32 | 0.32 | 0.35 | 0.36 | 0.29 | 0.55 | | | | | | | | | | | |
| 115 | 0.49 | 0.47 | 0.42 | 0.39 | 0.41 | 0.30 | 0.38 | 0.39 | | | | | | | | | | | |
| 120 | 0.58 | 0.55 | 0.47 | 0.47 | 0.45 | 0.33 | 0.44 | 0.40 | | | | | | | | | | | |
| 125 | 0.63 | 0.64 | 0.53 | 0.55 | 0.51 | 0.41 | 0.50 | 0.53 | | | | | | | | | | | |
| 130 | 0.71 | 0.71 | 0.59 | 0.61 | 0.58 | 0.53 | 0.56 | 0.54 | | | | | | | | | | | |
| 135 | 0.77 | 0.77 | 0.65 | 0.67 | 0.64 | 0.59 | 0.60 | 0.63 | | | | | | | | | | | |
| 140 | 0.83 | 0.80 | 0.72 | 0.75 | 0.68 | 0.63 | 0.65 | 0.63 | | | | | | | | | | | |
| 145 | 0.91 | 0.81 | 0.74 | 0.81 | 0.74 | 0.73 | 0.69 | 0.64 | | | | | | | | | | | |
| 150 | 0.94 | 0.85 | 0.83 | 0.88 | 0.79 | 0.81 | 0.77 | 0.73 | | | | | | | | | | | |
| 155 | 0.96 | 0.88 | 0.91 | 0.95 | 0.85 | 0.84 | 0.88 | 0.72 | | | | | | | | | | | |
| 160 | 1.04 | 0.91 | 0.95 | 1.00 | 0.90 | 0.94 | 0.94 | 0.80 | | | | | | | | | | | |
| 165 | 1.04 | 0.97 | 1.04 | 1.04 | 0.92 | 0.96 | 1.02 | 0.86 | | | | | | | | | | | |
| 170 | 1.06 | 1.05 | 1.07 | 1.10 | 0.92 | 1.05 | 1.11 | 0.99 | | | | | | | | | | | |
| 175 | 1.06 | 1.14 | 1.14 | 1.17 | 0.93 | 1.11 | 1.18 | 1.12 | | | | | | | | | | | |
| 180 | 1.04 | 1.19 | 1.22 | 1.25 | 1.02 | 1.16 | 1.24 | 1.20 | | | | | | | | | | | |

C Range: 0 - 360DEG
 C Interval: 45.0DEG
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