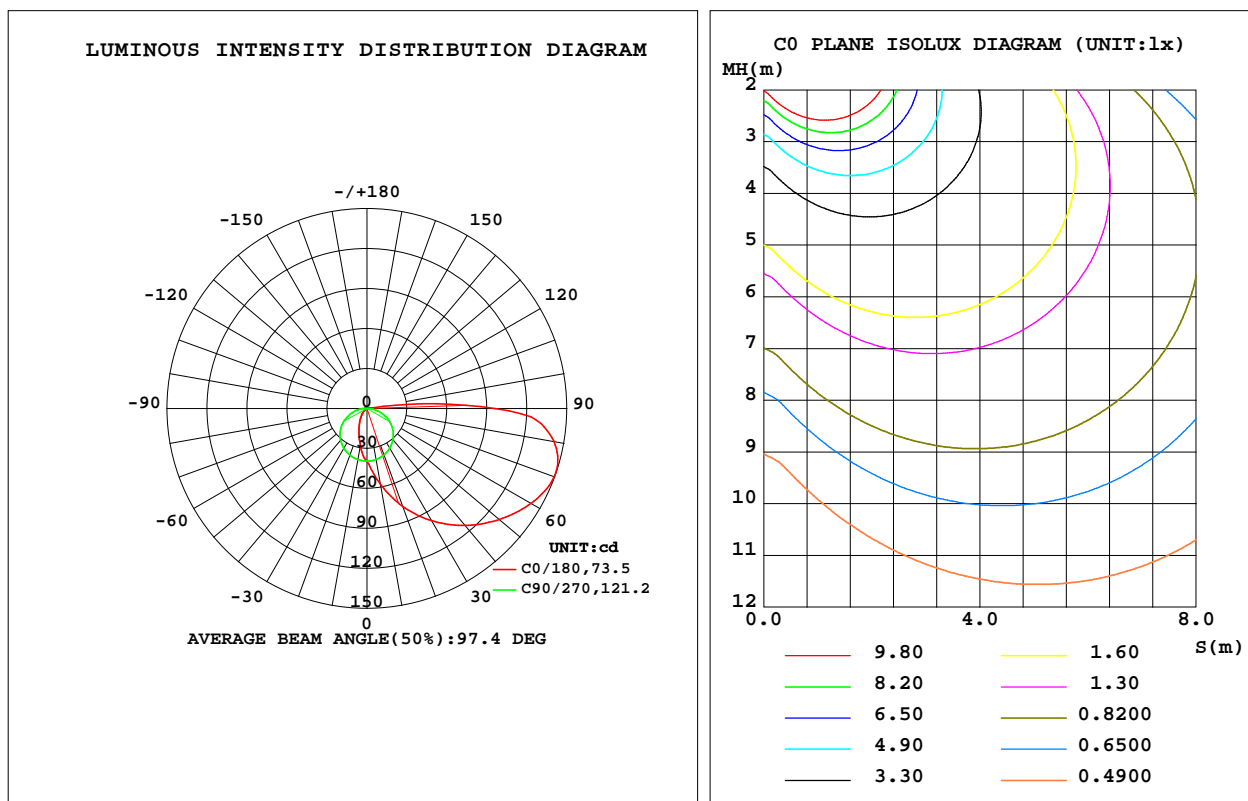


LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|---|---------------------|------------------|
| Test:U:24.00V I:0.2924A P:7.017W PF:1.000 Freq:0Hz Lamp Flux:307.323x1 lm | | |
| NAME: ALS-SK10032FDXWX1000 | TYPE: | WEIGHT: |
| SPEC.:ALS-SK10032FDXWX1000-F7NW9X-BC | DIM.: 1000*100*32mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*100 | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 43.80 lm/W | | | |
|------------------|----------------------|----------------------------------|--------|-------------------|----------|
| MODEL | ALS-SK10032FDXWX1000 | I _{max} (cd) | 149.7 | S/MH(C0/180) | 3.18 |
| NOMINAL POWER(W) | 6.6 | LOR(%) | 100.0 | S/MH(C90/270) | 1.31 |
| RATED VOLTAGE(V) | 24 | TOTAL FLUX(lm) | 307.32 | h UP,DN(C0-180) | 3.6,62.3 |
| NOMINAL FLUX(lm) | 307.323 | CIE CLASS | DIRECT | h UP,DN(C180-360) | 2.0,32.0 |
| LAMPS INSIDE | 1 | h up(%) | 5.6 | CIBSE SHR NOM | 0.00 |
| TEST VOLTAGE(V) | 24 | h down(%) | 94.4 | CIBSE SHR MAX | 1.30 |



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2021-03-11

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:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

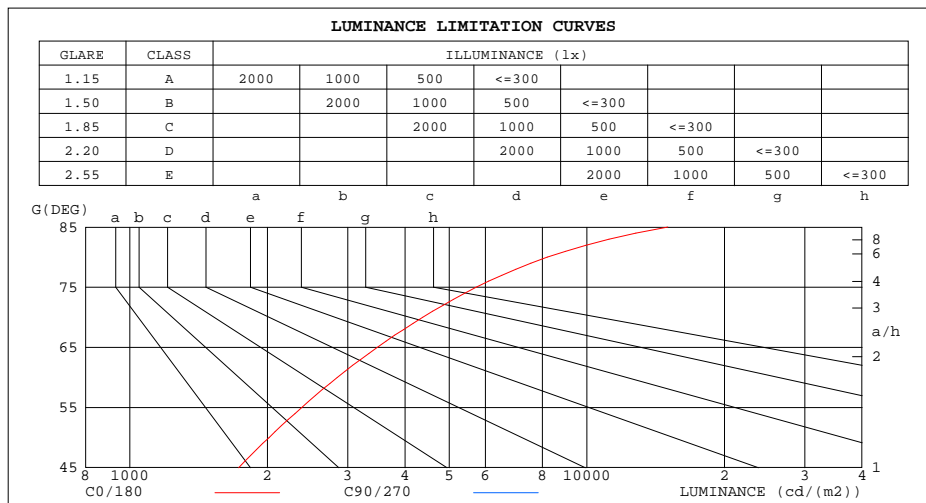
| g | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | g | F zone | F total | %lum,lamp |
|-----|-----------------------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|-----------|
| 10 | 57.49 | 50.17 | 38.98 | 32.19 | 28.66 | 31.71 | 39.01 | 51.15 | 0- 10 | 3.881 | 3.881 | 1.26,1.26 |
| 20 | 77.96 | 63.50 | 37.24 | 22.55 | 17.88 | 22.30 | 37.42 | 64.85 | 10- 20 | 11.94 | 15.82 | 5.15,5.15 |
| 30 | 97.26 | 75.87 | 34.36 | 15.02 | 10.83 | 14.96 | 34.72 | 77.50 | 20- 30 | 20.40 | 36.22 | 11.8,11.8 |
| 40 | 114.5 | 86.75 | 30.46 | 9.359 | 6.093 | 9.400 | 31.01 | 88.51 | 30- 40 | 28.96 | 65.19 | 21.2,21.2 |
| 50 | 129.6 | 95.88 | 25.54 | 5.202 | 2.933 | 5.382 | 26.24 | 97.80 | 40- 50 | 37.05 | 102.2 | 33.3,33.3 |
| 60 | 142.3 | 103.4 | 19.68 | 2.411 | 0.8473 | 2.665 | 20.61 | 105.3 | 50- 60 | 44.12 | 146.4 | 47.6,47.6 |
| 70 | 149.5 | 107.5 | 13.06 | 0.6468 | 0.1269 | 0.9838 | 14.17 | 109.9 | 60- 70 | 49.37 | 195.7 | 63.7,63.7 |
| 80 | 142.3 | 101.8 | 6.057 | 0.5344 | 0.3685 | 0.7799 | 7.589 | 103.0 | 70- 80 | 50.61 | 246.3 | 80.2,80.2 |
| 90 | 96.19 | 68.50 | 0.7912 | 1.270 | 1.223 | 1.416 | 2.955 | 67.96 | 80- 90 | 43.72 | 290.0 | 94.4,94.4 |
| 100 | 3.343 | 3.452 | 0.4679 | 1.363 | 1.583 | 1.576 | 0.6613 | 3.750 | 90-100 | 13.83 | 303.9 | 98.9,98.9 |
| 110 | 0.8168 | 0.3775 | 0.2006 | 1.256 | 1.510 | 1.463 | 0.2333 | 0.2707 | 100-110 | 1.413 | 305.3 | 99.3,99.3 |
| 120 | 0.0334 | 0.0534 | 0.2071 | 1.042 | 1.463 | 1.258 | 0.2204 | 0.0200 | 110-120 | 0.6079 | 305.9 | 99.5,99.5 |
| 130 | 0.0334 | 0.0737 | 0.2071 | 0.9149 | 1.369 | 0.9555 | 0.2538 | 0.0200 | 120-130 | 0.4446 | 306.3 | 99.7,99.7 |
| 140 | 0.0601 | 0.1138 | 0.2204 | 0.8216 | 1.135 | 0.8685 | 0.2739 | 0.1069 | 130-140 | 0.3587 | 306.7 | 99.8,99.8 |
| 150 | 0.0802 | 0.1605 | 0.2804 | 0.7414 | 0.9268 | 0.9552 | 0.2940 | 0.1069 | 140-150 | 0.2784 | 307.0 | 99.9,99.9 |
| 160 | 0.2072 | 0.2207 | 0.3006 | 0.5276 | 0.7281 | 0.7417 | 0.4074 | 0.1803 | 150-160 | 0.2014 | 307.2 | 100,100 |
| 170 | 0.2938 | 0.3140 | 0.3006 | 0.4141 | 0.5277 | 0.5345 | 0.3674 | 0.2271 | 160-170 | 0.1108 | 307.3 | 100,100 |
| 180 | 0.4141 | 0.4074 | 0.3473 | 0.3741 | 0.4475 | 0.4208 | 0.3674 | 0.3540 | 170-180 | 0.0360 | 307.3 | 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:2021-03-11

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:0.2924A P:7.017W PF:1.000 Freq:0Hz Lamp Flux:307.323x1 lm | | |
| NAME: ALS-SK10032FDXWX1000 | TYPE: | WEIGHT: |
| SPEC.:ALS-SK10032FDXWX1000-F7NW9X-BC | DIM.: 1000*100*32mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*100 | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G(DEG) | C0/180 | C90/270 |
| 85 | 15038 | 346 |
| 80 | 8197 | 349 |
| 75 | 5730 | 367 |
| 70 | 4372 | 382 |
| 65 | 3478 | 389 |
| 60 | 2846 | 394 |
| 55 | 2377 | 396 |
| 50 | 2016 | 397 |
| 45 | 1730 | 398 |

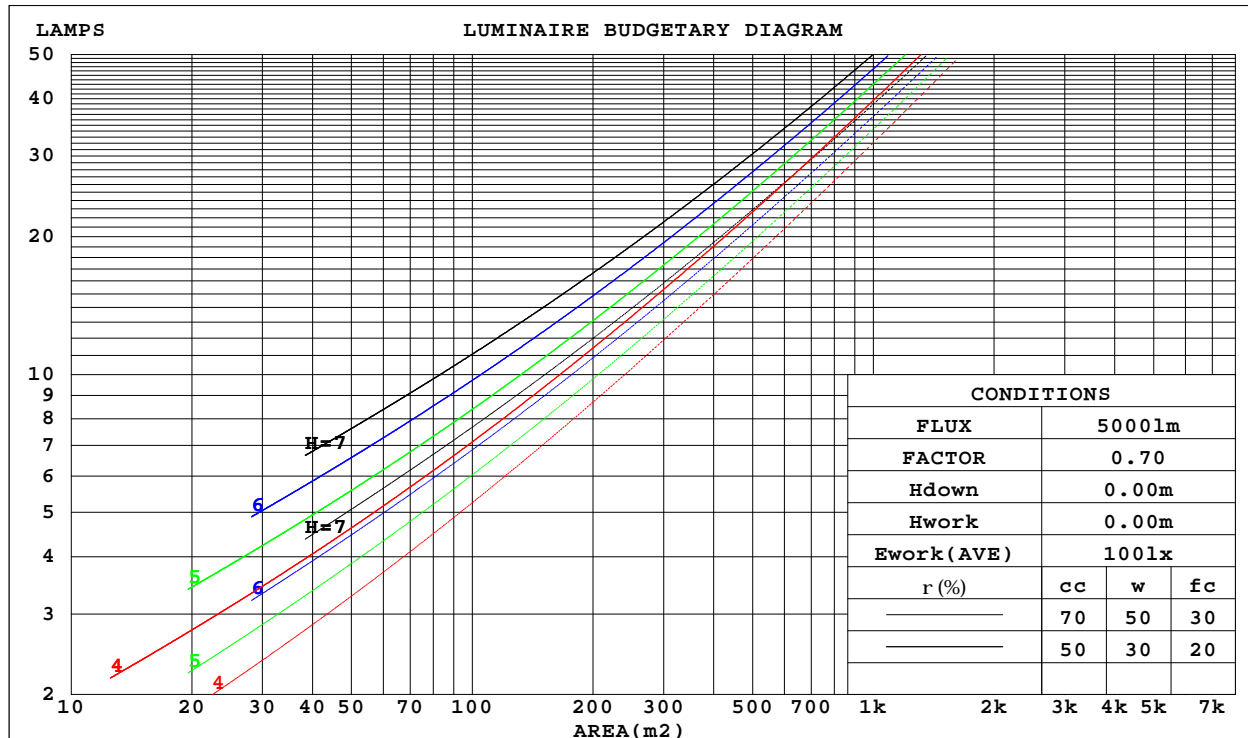
C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JYH
 Test Date:2021-03-11

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|---|---------------------|------------------|
| Test:U:24.00V I:0.2924A P:7.017W PF:1.000 Freq:0Hz Lamp Flux:307.323x1 lm | | |
| NAME: ALS-SK10032FDXWX1000 | TYPE: | WEIGHT: |
| SPEC.:ALS-SK10032FDXWX1000-F7NW9X-BC | DIM.: 1000*100*32mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*100 | 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 | 1.18 | 1.18 | 1.18 | 1.14 | 1.14 | 1.14 | 1.08 | 1.08 | 1.08 | 1.02 | 1.02 | 1.02 | .97 | .97 | .97 | .94 |
| 1.0 | .93 | .86 | .79 | .90 | .83 | .77 | .84 | .79 | .74 | .79 | .74 | .70 | .74 | .70 | .67 | .64 |
| 2.0 | .77 | .67 | .59 | .74 | .65 | .57 | .69 | .62 | .55 | .65 | .58 | .53 | .61 | .55 | .51 | .48 |
| 3.0 | .65 | .54 | .45 | .63 | .53 | .45 | .59 | .50 | .43 | .55 | .48 | .41 | .51 | .45 | .40 | .37 |
| 4.0 | .56 | .45 | .37 | .54 | .44 | .36 | .51 | .42 | .35 | .47 | .40 | .34 | .44 | .38 | .32 | .30 |
| 5.0 | .49 | .38 | .30 | .48 | .37 | .30 | .45 | .36 | .29 | .42 | .34 | .28 | .39 | .32 | .27 | .24 |
| 6.0 | .44 | .33 | .25 | .42 | .32 | .25 | .40 | .31 | .24 | .37 | .30 | .24 | .35 | .28 | .23 | .20 |
| 7.0 | .39 | .29 | .22 | .38 | .28 | .22 | .36 | .27 | .21 | .34 | .26 | .20 | .32 | .25 | .20 | .17 |
| 8.0 | .35 | .26 | .19 | .34 | .25 | .19 | .32 | .24 | .18 | .31 | .23 | .18 | .29 | .22 | .17 | .15 |
| 9.0 | .32 | .23 | .17 | .31 | .23 | .17 | .30 | .22 | .16 | .28 | .21 | .16 | .27 | .20 | .15 | .13 |
| 10.0 | .29 | .21 | .15 | .29 | .20 | .15 | .27 | .20 | .14 | .26 | .19 | .14 | .25 | .18 | .14 | .12 |



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2021-03-11

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:

WEC AND CCEC

| | | |
|---|---------------------|------------------|
| Test:U:24.00V I:0.2924A P:7.017W PF:1.000 Freq:0Hz Lamp Flux:307.323x1 lm | | |
| NAME: ALS-SK10032FDXWX1000 | TYPE: | WEIGHT: |
| SPEC.:ALS-SK10032FDXWX1000-F7NW9X-BC | DIM.: 1000*100*32mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*100 | 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 | .502 | .285 | .090 | .493 | .281 | .089 | .475 | .273 | .087 | .459 | .265 | .085 | .444 | .258 | .083 | |
| 2.0 | .412 | .226 | .069 | .404 | .222 | .069 | .388 | .216 | .067 | .374 | .210 | .066 | .360 | .204 | .064 | |
| 3.0 | .354 | .189 | .056 | .347 | .186 | .056 | .333 | .180 | .055 | .320 | .175 | .054 | .307 | .170 | .053 | |
| 4.0 | .311 | .162 | .048 | .304 | .159 | .047 | .292 | .155 | .046 | .280 | .150 | .045 | .269 | .146 | .045 | |
| 5.0 | .278 | .141 | .041 | .272 | .139 | .041 | .260 | .136 | .040 | .250 | .132 | .039 | .240 | .128 | .039 | |
| 6.0 | .251 | .126 | .036 | .245 | .124 | .036 | .235 | .121 | .035 | .226 | .117 | .034 | .217 | .114 | .034 | |
| 7.0 | .228 | .113 | .032 | .224 | .111 | .032 | .215 | .108 | .031 | .206 | .106 | .031 | .198 | .103 | .030 | |
| 8.0 | .210 | .103 | .029 | .206 | .101 | .029 | .197 | .099 | .028 | .190 | .096 | .028 | .182 | .094 | .027 | |
| 9.0 | .194 | .094 | .026 | .190 | .093 | .026 | .183 | .090 | .026 | .176 | .088 | .025 | .169 | .086 | .025 | |
| 10.0 | .180 | .087 | .024 | .177 | .085 | .024 | .170 | .083 | .023 | .164 | .081 | .023 | .158 | .079 | .023 | |

| 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 | .233 | .233 | .233 | .199 | .199 | .199 | .136 | .136 | .136 | .078 | .078 | .078 | .025 | .025 | .025 | |
| 1.0 | .237 | .198 | .162 | .203 | .170 | .140 | .139 | .117 | .097 | .080 | .068 | .056 | .026 | .022 | .018 | |
| 2.0 | .232 | .175 | .127 | .199 | .150 | .110 | .136 | .104 | .077 | .078 | .061 | .045 | .025 | .020 | .015 | |
| 3.0 | .224 | .159 | .106 | .192 | .137 | .092 | .132 | .095 | .065 | .076 | .055 | .038 | .025 | .018 | .012 | |
| 4.0 | .216 | .146 | .093 | .185 | .126 | .081 | .127 | .088 | .057 | .074 | .052 | .034 | .024 | .017 | .011 | |
| 5.0 | .207 | .137 | .084 | .178 | .118 | .073 | .123 | .083 | .052 | .071 | .048 | .031 | .023 | .016 | .010 | |
| 6.0 | .199 | .129 | .078 | .171 | .111 | .068 | .118 | .078 | .048 | .068 | .046 | .029 | .022 | .015 | .009 | |
| 7.0 | .191 | .122 | .073 | .164 | .106 | .064 | .113 | .074 | .045 | .066 | .044 | .027 | .021 | .014 | .009 | |
| 8.0 | .183 | .116 | .070 | .158 | .101 | .061 | .109 | .071 | .043 | .064 | .042 | .026 | .021 | .014 | .009 | |
| 9.0 | .176 | .111 | .067 | .152 | .097 | .059 | .105 | .068 | .042 | .061 | .040 | .025 | .020 | .013 | .008 | |
| 10.0 | .170 | .107 | .065 | .146 | .093 | .057 | .101 | .065 | .040 | .059 | .039 | .024 | .019 | .013 | .008 | |

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2021-03-11

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:0.2924A P:7.017W PF:1.000 Freq:0Hz Lamp Flux:307.323x1 lm | | | | | | | | | | | |
| NAME: ALS-SK10032FDXWX1000 | | | | | TYPE: | | | WEIGHT: | | | |
| SPEC.:ALS-SK10032FDXWX1000-F7NW9X-BC | | | | | DIM.: 1000*100*32mm | | | SERIAL No.: | | | |
| MFR.: COLORS | | | | | SUR.:1000*100 | | | 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 | 22.7 | 24.5 | 23.1 | 24.8 | 25.2 | 17.2 | 19.0 | 17.6 | 19.3 | 19.6 | |
| | 3H | 26.5 | 28.1 | 26.9 | 28.5 | 28.9 | 19.1 | 20.7 | 19.5 | 21.1 | 21.4 |
| | 4H | 28.5 | 30.1 | 28.9 | 30.4 | 30.8 | 19.8 | 21.4 | 20.3 | 21.8 | 22.2 |
| | 6H | 30.6 | 32.1 | 31.0 | 32.5 | 32.9 | 20.5 | 22.0 | 20.9 | 22.4 | 22.8 |
| | 8H | 31.7 | 33.2 | 32.1 | 33.6 | 34.0 | 20.7 | 22.1 | 21.1 | 22.6 | 23.0 |
| | 12H | 32.9 | 34.3 | 33.4 | 34.8 | 35.2 | 20.8 | 22.2 | 21.3 | 22.7 | 23.1 |
| 4H | 2H | 23.4 | 25.0 | 23.9 | 25.4 | 25.8 | 20.3 | 21.8 | 20.7 | 22.2 | 22.6 |
| | 3H | 27.4 | 28.8 | 27.8 | 29.2 | 29.7 | 22.5 | 23.9 | 23.0 | 24.4 | 24.8 |
| | 4H | 29.6 | 30.9 | 30.0 | 31.3 | 31.8 | 23.6 | 24.9 | 24.1 | 25.3 | 25.8 |
| | 6H | 31.9 | 33.1 | 32.4 | 33.5 | 34.1 | 24.5 | 25.7 | 25.0 | 26.1 | 26.7 |
| | 8H | 33.1 | 34.2 | 33.6 | 34.7 | 35.3 | 24.8 | 25.9 | 25.3 | 26.4 | 27.0 |
| | 12H | 34.5 | 35.5 | 35.0 | 36.0 | 36.6 | 25.0 | 26.1 | 25.6 | 26.6 | 27.2 |
| 8H | 4H | 30.0 | 31.2 | 30.5 | 31.6 | 32.2 | 25.9 | 27.1 | 26.4 | 27.6 | 28.1 |
| | 6H | 32.6 | 33.6 | 33.2 | 34.1 | 34.7 | 27.4 | 28.4 | 27.9 | 28.9 | 29.4 |
| | 8H | 34.1 | 35.0 | 34.6 | 35.5 | 36.1 | 28.0 | 28.9 | 28.6 | 29.4 | 30.0 |
| | 12H | 35.7 | 36.5 | 36.2 | 37.0 | 37.6 | 28.5 | 29.3 | 29.1 | 29.9 | 30.5 |
| 12H | 4H | 30.1 | 31.1 | 30.6 | 31.6 | 32.2 | 26.6 | 27.7 | 27.1 | 28.2 | 28.7 |
| | 6H | 32.8 | 33.7 | 33.3 | 34.2 | 34.8 | 28.4 | 29.3 | 28.9 | 29.8 | 30.4 |
| | 8H | 34.3 | 35.1 | 34.9 | 35.7 | 36.3 | 29.3 | 30.1 | 29.9 | 30.6 | 31.2 |
| Variations with the observer position at spacings: | | | | | | | | | | | |
| S = 1.0H | + 0.1 / - 0.1 | | | | | + 0.1 / - 0.1 | | | | | |
| 1.5H | + 0.2 / - 0.2 | | | | | + 0.2 / - 0.2 | | | | | |
| 2.0H | + 0.2 / - 0.3 | | | | | + 0.3 / - 0.4 | | | | | |

CIE Pub.117, 307.3 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -4.1)

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2021-03-11

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:0.2924A P:7.017W PF:1.000 Freq:0Hz Lamp Flux:307.323x1 lm | | |
| NAME: ALS-SK10032FDXWX1000 | TYPE: | WEIGHT: |
| SPEC.:ALS-SK10032FDXWX1000-F7NW9X-BC | DIM.: 1000*100*32mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*100 | Shielding Angle: |

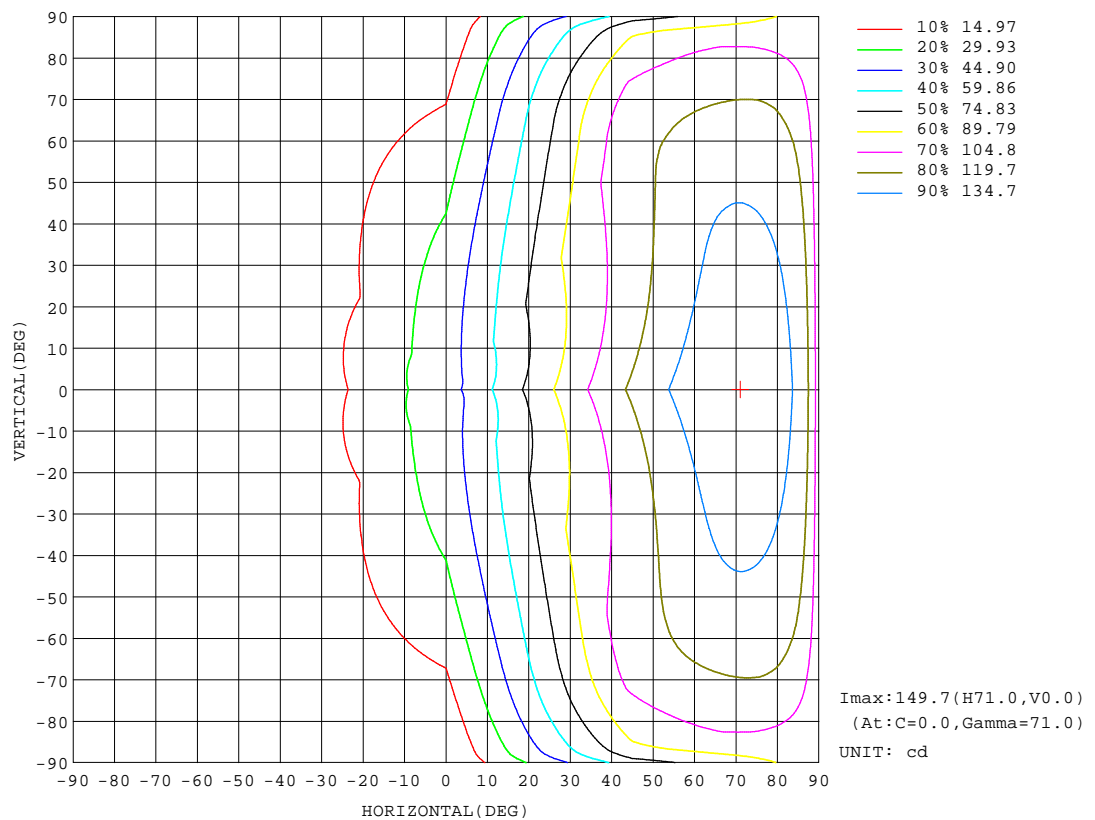
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|---|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 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 | 45 | 31 | 23 | 44 | 31 | 23 | 42 | 30 | 23 | 15 |
| 0.80 | 53 | 39 | 30 | 52 | 38 | 30 | 50 | 37 | 29 | 21 |
| 1.00 | 61 | 46 | 37 | 59 | 46 | 36 | 56 | 48 | 36 | 27 |
| 1.25 | 68 | 53 | 44 | 66 | 52 | 43 | 62 | 51 | 42 | 33 |
| 1.50 | 73 | 59 | 49 | 71 | 58 | 48 | 67 | 56 | 47 | 37 |
| 2.00 | 81 | 68 | 58 | 78 | 66 | 57 | 74 | 64 | 56 | 45 |
| 2.50 | 86 | 74 | 65 | 83 | 72 | 63 | 78 | 69 | 61 | 50 |
| 3.00 | 90 | 79 | 70 | 87 | 77 | 69 | 82 | 74 | 66 | 55 |
| 4.00 | 96 | 86 | 78 | 92 | 84 | 76 | 87 | 80 | 73 | 61 |
| 5.00 | 99 | 91 | 83 | 96 | 88 | 82 | 90 | 84 | 78 | 66 |
| 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:2021-03-11

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:0.2924A P:7.017W PF:1.000 Freq:0Hz Lamp Flux:307.323x1 lm | | |
| NAME: ALS-SK10032FDXWX1000 | TYPE: | WEIGHT: |
| SPEC.:ALS-SK10032FDXWX1000-F7NW9X-BC | DIM.: 1000*100*32mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*100 | Shielding Angle: |



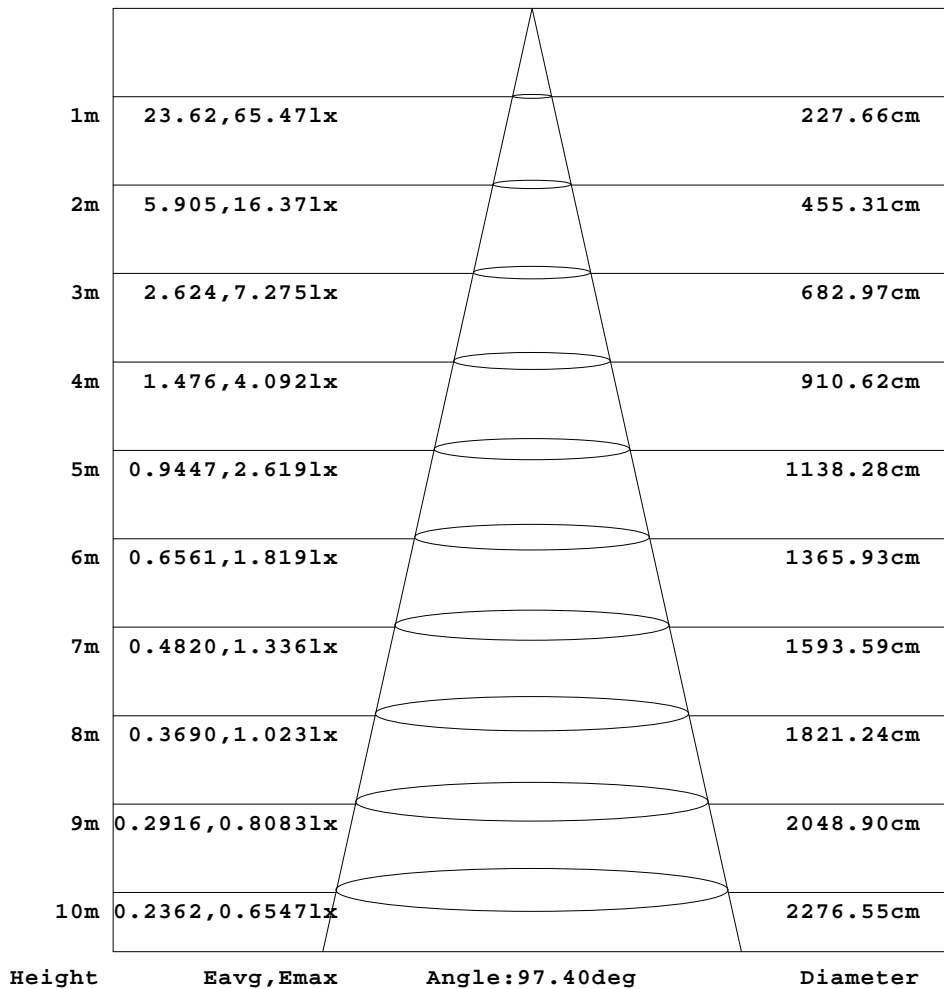
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2021-03-11

deg 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:0.2924A P:7.017W PF:1.000 Freq:0Hz Lamp Flux:307.323x1 lm | | |
| NAME: ALS-SK10032FDXWX1000 | TYPE: | WEIGHT: |
| SPEC.:ALS-SK10032FDXWX1000-F7NW9X-BC | DIM.: 1000*100*32mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*100 | Shielding Angle: |

Flux out:98.19 lm



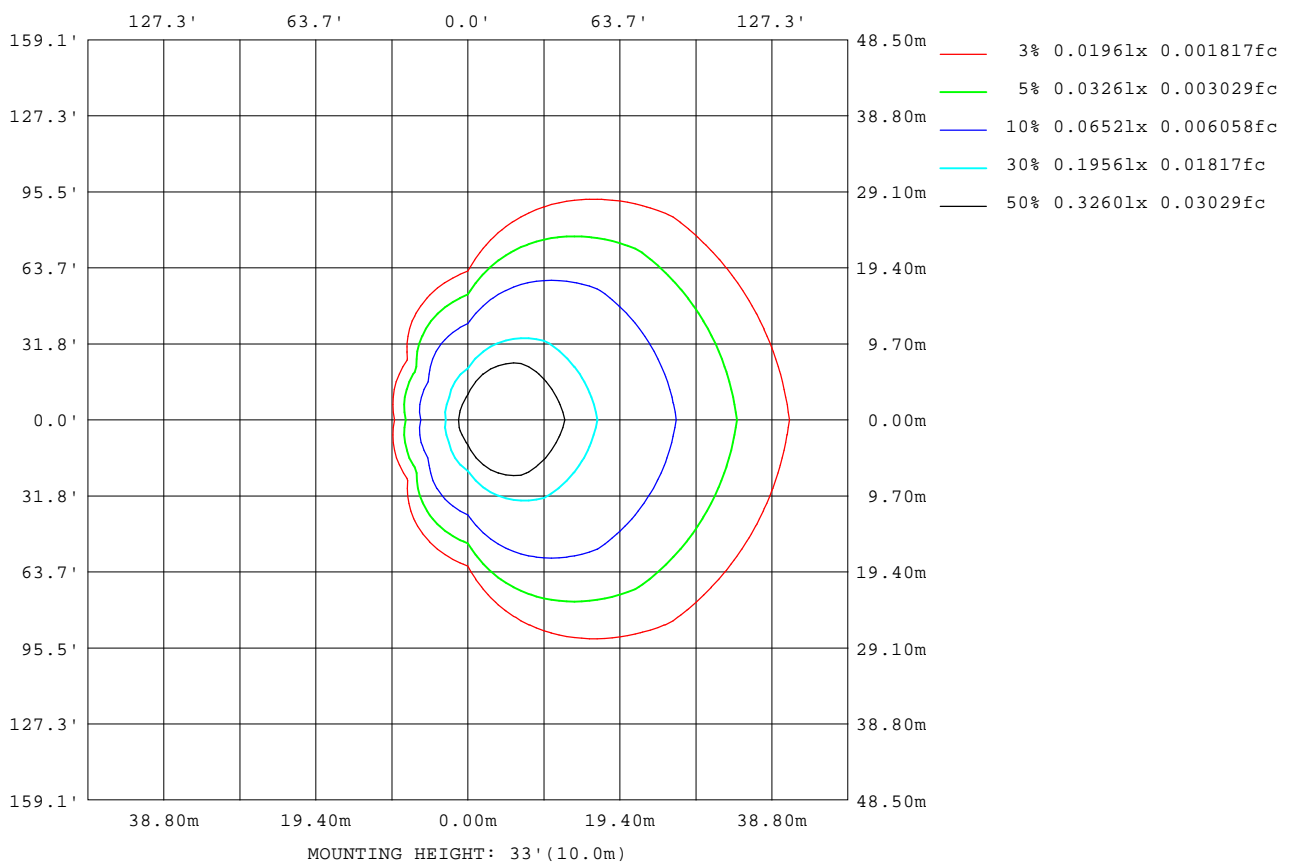
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: JYH
 Test Date: 2021-03-11

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:

ISOLUX DIAGRAM

| | | |
|---|---------------------|------------------|
| Test:U:24.00V I:0.2924A P:7.017W PF:1.000 Freq:0Hz Lamp Flux:307.323x1 lm | | |
| NAME: ALS-SK10032FDXWX1000 | TYPE: | WEIGHT: |
| SPEC.:ALS-SK10032FDXWX1000-F7NW9X-BC | DIM.: 1000*100*32mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*100 | Shielding Angle: |



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JYH
 Test Date:2021-03-11

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:

LED Avg.L Report

| | | |
|---|---------------------|------------------|
| Test:U:24.00V I:0.2924A P:7.017W PF:1.000 Freq:0Hz Lamp Flux:307.323x1 lm | | |
| NAME: ALS-SK10032FDXWX1000 | TYPE: | WEIGHT: |
| SPEC.:ALS-SK10032FDXWX1000-F7NW9X-BC | DIM.: 1000*100*32mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*100 | Shielding Angle: |

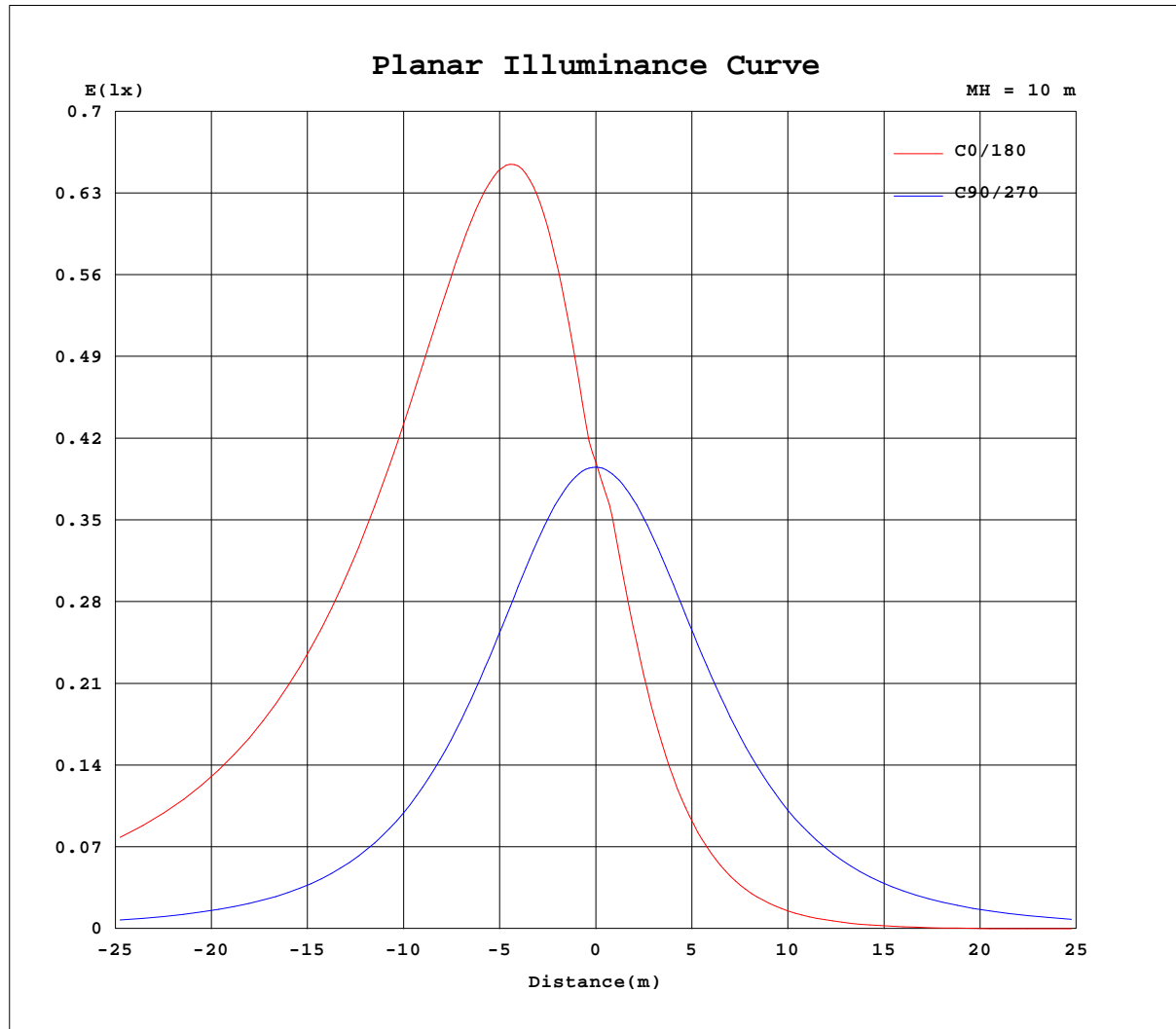
| AvgL | cd/m2 |
|----------------|-------|
| L_0~180(65)av | 1741 |
| L_0~180(75)av | 2868 |
| L_0~180(85)av | 7563 |
| L_90~270(65)av | 401 |
| L_90~270(75)av | 393 |
| L_90~270(85)av | 442 |
| L_45(65)av | 1286 |
| L_45(75)av | 2086 |
| L_45(85)av | 5421 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2021-03-11

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:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: JYH
 Test Date: 2021-03-11

deg 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:0.2924A P:7.017W PF:1.000 Freq:0Hz Lamp Flux:307.323x1 lm | | |
| NAME: ALS-SK10032FDXWX1000 | TYPE: | WEIGHT: |
| SPEC.:ALS-SK10032FDXWX1000-F7NW9X-BC | DIM.: 1000*100*32mm | SERIAL No.: |
| MFR.: COLORS | SUR.:1000*100 | Shielding Angle: |

Table--1

UNIT: cd

| C(DEG) g (DEG) | 0 | 45 | 90 | 135 | 180 | 225 | 270 | 315 | | | | | | | | | | |
|-------------------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|--|--|--|--|
| 0 | 40.0 | 39.6 | 39.5 | 40.2 | 40.0 | 39.6 | 39.5 | 40.2 | | | | | | | | | | |
| 5 | 47.4 | 43.5 | 39.4 | 37.1 | 35.6 | 36.6 | 39.4 | 44.4 | | | | | | | | | | |
| 10 | 57.5 | 50.2 | 39.0 | 32.2 | 28.7 | 31.7 | 39.0 | 51.2 | | | | | | | | | | |
| 15 | 67.8 | 56.9 | 38.3 | 27.1 | 22.8 | 26.7 | 38.4 | 58.1 | | | | | | | | | | |
| 20 | 78.0 | 63.5 | 37.2 | 22.5 | 17.9 | 22.3 | 37.4 | 64.8 | | | | | | | | | | |
| 25 | 87.8 | 69.9 | 35.9 | 18.5 | 14.0 | 18.4 | 36.2 | 71.3 | | | | | | | | | | |
| 30 | 97.3 | 75.9 | 34.4 | 15.0 | 10.8 | 15.0 | 34.7 | 77.5 | | | | | | | | | | |
| 35 | 106 | 81.5 | 32.5 | 12.0 | 8.21 | 12.0 | 33.0 | 83.2 | | | | | | | | | | |
| 40 | 115 | 86.8 | 30.5 | 9.36 | 6.09 | 9.40 | 31.0 | 88.5 | | | | | | | | | | |
| 45 | 122 | 91.5 | 28.1 | 7.08 | 4.34 | 7.20 | 28.7 | 93.4 | | | | | | | | | | |
| 50 | 130 | 95.9 | 25.5 | 5.20 | 2.93 | 5.38 | 26.2 | 97.8 | | | | | | | | | | |
| 55 | 136 | 99.9 | 22.7 | 3.66 | 1.76 | 3.88 | 23.6 | 102 | | | | | | | | | | |
| 60 | 142 | 103 | 19.7 | 2.41 | 0.85 | 2.67 | 20.6 | 105 | | | | | | | | | | |
| 65 | 147 | 106 | 16.5 | 1.39 | 0.18 | 1.69 | 17.5 | 108 | | | | | | | | | | |
| 70 | 150 | 107 | 13.1 | 0.65 | 0.13 | 0.98 | 14.2 | 110 | | | | | | | | | | |
| 75 | 148 | 107 | 9.49 | 0.45 | 0.17 | 0.72 | 10.8 | 108 | | | | | | | | | | |
| 80 | 142 | 102 | 6.06 | 0.53 | 0.37 | 0.78 | 7.59 | 103 | | | | | | | | | | |
| 85 | 131 | 93.1 | 3.01 | 0.89 | 0.77 | 1.07 | 4.69 | 94.0 | | | | | | | | | | |
| 90 | 96.2 | 68.5 | 0.79 | 1.27 | 1.22 | 1.42 | 2.96 | 68.0 | | | | | | | | | | |
| 95 | 41.5 | 19.1 | 0.93 | 1.36 | 1.51 | 1.55 | 1.26 | 18.8 | | | | | | | | | | |
| 100 | 3.34 | 3.45 | 0.47 | 1.36 | 1.58 | 1.58 | 0.66 | 3.75 | | | | | | | | | | |
| 105 | 2.00 | 1.39 | 0.27 | 1.30 | 1.58 | 1.53 | 0.93 | 1.33 | | | | | | | | | | |
| 110 | 0.82 | 0.38 | 0.20 | 1.26 | 1.51 | 1.46 | 0.23 | 0.27 | | | | | | | | | | |
| 115 | 0.15 | 0.04 | 0.21 | 1.20 | 1.47 | 1.44 | 0.19 | 0.04 | | | | | | | | | | |
| 120 | 0.03 | 0.05 | 0.21 | 1.04 | 1.46 | 1.26 | 0.22 | 0.02 | | | | | | | | | | |
| 125 | 0.03 | 0.05 | 0.21 | 0.96 | 1.39 | 1.00 | 0.23 | 0.02 | | | | | | | | | | |
| 130 | 0.03 | 0.07 | 0.21 | 0.91 | 1.37 | 0.96 | 0.25 | 0.02 | | | | | | | | | | |
| 135 | 0.03 | 0.09 | 0.21 | 0.89 | 1.25 | 0.90 | 0.26 | 0.05 | | | | | | | | | | |
| 140 | 0.06 | 0.11 | 0.22 | 0.82 | 1.14 | 0.87 | 0.27 | 0.11 | | | | | | | | | | |
| 145 | 0.08 | 0.14 | 0.22 | 0.77 | 1.02 | 0.95 | 0.29 | 0.11 | | | | | | | | | | |
| 150 | 0.08 | 0.16 | 0.28 | 0.74 | 0.93 | 0.96 | 0.29 | 0.11 | | | | | | | | | | |
| 155 | 0.11 | 0.19 | 0.29 | 0.64 | 0.84 | 0.86 | 0.41 | 0.12 | | | | | | | | | | |
| 160 | 0.21 | 0.22 | 0.30 | 0.53 | 0.73 | 0.74 | 0.41 | 0.18 | | | | | | | | | | |
| 165 | 0.21 | 0.26 | 0.30 | 0.45 | 0.61 | 0.63 | 0.40 | 0.20 | | | | | | | | | | |
| 170 | 0.29 | 0.31 | 0.30 | 0.41 | 0.53 | 0.53 | 0.37 | 0.23 | | | | | | | | | | |
| 175 | 0.35 | 0.35 | 0.32 | 0.41 | 0.46 | 0.46 | 0.37 | 0.29 | | | | | | | | | | |
| 180 | 0.41 | 0.41 | 0.35 | 0.37 | 0.45 | 0.42 | 0.37 | 0.35 | | | | | | | | | | |

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