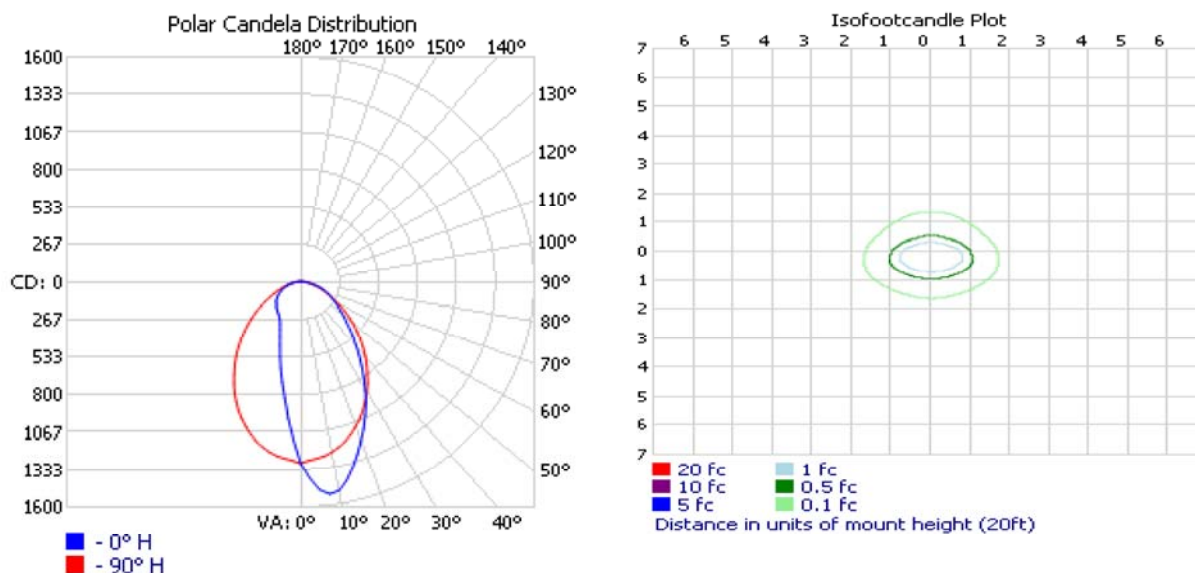


INDOOR PHOTOMETRIC REPORT

CATALOG: S2LS 4FT 1N35WW EZB WHT



TEST #: LTL25797B
 TEST LAB: ACUITY BRANDS LIGHTING CONYERS LAB
 TEST DATE: 6/10/2014
 CATALOG: S2LS 4FT 1N35WW EZB WHT
 DESCRIPTION: SLOT 2 SURFACE MOUNT 4' (1) DIRECT NORMAL OUTPUT 3500K
 BOARDS WITH WALL WASH OPTIC, ELDOLED 561/M 50W DRIVER;
 NO LENS
 SERIES: SLOT 2 LED PSW
 LAMP CATALOG: NICHIA NS21757AT
 LAMP: LED
 LAMP OUTPUT: TOTAL LUMINAIRE LUMENS: 2109, **ABSOLUTE PHOTOMETRY ***
 BALLAST / DRIVER: ELDOLED 561/M 50W DRIVER
 INPUT WATTAGE: 26.52
 LUMINOUS OPENING: RECTANGLE (L: 2.04", W: 48.96")
 CIE CLASS: DIRECT
 MAX CD: 1522 AT HORIZONTAL: 0°, VERTICAL: 7.5°
 SPACING CRITERION: @ 0 = 1.08 / @ 90 = 1.08



*TEST BASED ON ABSOLUTE PHOTOMETRY WHERE LAMP LUMENS=LUMENS TOTAL.

*CUTOFF CLASSIFICATION AND EFFICIENCY CANNOT BE PROPERLY CALCULATED FOR ABSOLUTE PHOTOMETRY.

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 CATALOG: S2LS 4FT 1N35WW EZB WHT

ZONAL LUMEN SUMMARY

| ZONE | LUMENS | % LUMINAIRE |
|-------|--------|-------------|
| 0-30 | 797.8 | 37.8% |
| 0-40 | 1189.4 | 56.4% |
| 0-60 | 1802.8 | 85.5% |
| 60-90 | 306.2 | 14.5% |
| 0-90 | 2109 | 100% |

LUMENS PER ZONE

| ZONE | LUMENS | % TOTAL |
|-------|--------|---------|
| 0-10 | 117.3 | 5.6% |
| 10-20 | 298 | 14.1% |
| 20-30 | 382.5 | 18.1% |
| 30-40 | 391.6 | 18.6% |
| 40-50 | 345.2 | 16.4% |
| 50-60 | 268.1 | 12.7% |
| 60-70 | 182.6 | 8.7% |
| 70-80 | 99.6 | 4.7% |
| 80-90 | 24 | 1.1% |

AVERAGE LUMINANCE (CD/M2)

| | 0 | 22.5 | 45 | 67.5 | 90 | 112.5 | 135 | 157.5 | 180 |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0 | 19957 | 19957 | 19957 | 19957 | 19957 | 19957 | 19957 | 19957 | 19957 |
| 45 | 10447 | 10842 | 13344 | 16460 | 12663 | 6979 | 5180 | 5158 | 5158 |
| 55 | 8442 | 8577 | 10173 | 12527 | 10038 | 5898 | 5195 | 5357 | 5330 |
| 65 | 7711 | 7271 | 7785 | 9107 | 7344 | 5361 | 5288 | 5214 | 5251 |
| 75 | 6656 | 6176 | 6296 | 6716 | 5576 | 5037 | 4977 | 5097 | 4917 |
| 85 | 4986 | 4273 | 3917 | 4808 | 4451 | 3739 | 2493 | 1959 | 1959 |

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE: 20%

| RCC %: | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | | | | 0 |
|--------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| RW %: | 70 | 50 | 30 | 0 | 70 | 50 | 30 | 0 | 50 | 30 | 20 | 50 | 30 | 20 | 50 | 30 | 20 | 50 | 30 | 20 | 0 |
| RCR: 0 | 1.19 | 1.19 | 1.19 | 1.19 | 1.16 | 1.16 | 1.16 | 1.00 | 1.11 | 1.11 | 1.11 | 1.06 | 1.06 | 1.06 | 1.02 | 1.02 | 1.02 | 1.02 | 1.02 | 1.02 | 1.00 |
| 1 | 1.10 | 1.06 | 1.02 | .99 | 1.07 | 1.04 | 1.00 | .87 | 1.00 | .97 | .94 | .96 | .93 | .91 | .92 | .90 | .89 | .87 | .89 | .87 | .87 |
| 2 | 1.01 | .94 | .88 | .83 | .99 | .92 | .87 | .76 | .89 | .84 | .80 | .86 | .82 | .78 | .83 | .79 | .77 | .75 | .77 | .75 | .75 |
| 3 | .93 | .84 | .77 | .71 | .91 | .83 | .76 | .66 | .80 | .74 | .69 | .77 | .72 | .68 | .74 | .70 | .67 | .65 | .67 | .65 | .65 |
| 4 | .86 | .76 | .68 | .62 | .84 | .74 | .67 | .58 | .72 | .65 | .60 | .70 | .64 | .60 | .68 | .63 | .59 | .57 | .59 | .57 | .57 |
| 5 | .80 | .69 | .60 | .54 | .78 | .67 | .60 | .52 | .65 | .59 | .53 | .63 | .58 | .53 | .62 | .57 | .52 | .50 | .52 | .50 | .50 |
| 6 | .75 | .62 | .54 | .48 | .73 | .62 | .54 | .47 | .60 | .53 | .48 | .58 | .52 | .47 | .57 | .51 | .47 | .45 | .47 | .45 | .45 |
| 7 | .70 | .57 | .49 | .44 | .68 | .56 | .49 | .42 | .55 | .48 | .43 | .54 | .47 | .43 | .52 | .47 | .43 | .41 | .43 | .41 | .41 |
| 8 | .65 | .53 | .45 | .40 | .64 | .52 | .45 | .39 | .51 | .44 | .39 | .50 | .43 | .39 | .49 | .43 | .39 | .37 | .39 | .37 | .37 |
| 9 | .61 | .49 | .41 | .36 | .60 | .48 | .41 | .35 | .47 | .41 | .36 | .46 | .40 | .36 | .45 | .40 | .36 | .34 | .36 | .34 | .34 |
| 10 | .58 | .45 | .38 | .33 | .57 | .45 | .38 | .33 | .44 | .38 | .33 | .43 | .37 | .33 | .42 | .37 | .33 | .31 | .33 | .31 | .31 |

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CATALOG: S2LS 4FT 1N35WW EZB WHT

**CANDELA TABLE - TYPE C**

| | 0 | 22.5 | 45 | 67.5 | 90 | 112.5 | 135 | 157.5 | 180 |
|----|------|------|------|------|------|-------|------|-------|------|
| 0 | 1286 | 1286 | 1286 | 1286 | 1286 | 1286 | 1286 | 1286 | 1286 |
| 5 | 1483 | 1482 | 1444 | 1378 | 1258 | 1170 | 1078 | 1023 | 976 |
| 10 | 1507 | 1504 | 1494 | 1420 | 1226 | 1034 | 856 | 770 | 725 |
| 15 | 1367 | 1378 | 1438 | 1414 | 1172 | 890 | 688 | 594 | 548 |
| 20 | 1203 | 1222 | 1310 | 1364 | 1095 | 754 | 552 | 451 | 413 |
| 25 | 1046 | 1071 | 1178 | 1272 | 1008 | 642 | 441 | 356 | 333 |
| 30 | 884 | 916 | 1044 | 1157 | 906 | 544 | 356 | 300 | 290 |
| 35 | 726 | 760 | 899 | 1028 | 795 | 458 | 300 | 270 | 269 |
| 40 | 589 | 615 | 748 | 893 | 686 | 383 | 261 | 252 | 253 |
| 45 | 476 | 494 | 608 | 750 | 577 | 318 | 236 | 235 | 235 |
| 50 | 385 | 396 | 484 | 602 | 470 | 262 | 213 | 215 | 219 |
| 55 | 312 | 317 | 376 | 463 | 371 | 218 | 192 | 198 | 197 |
| 60 | 256 | 254 | 286 | 346 | 278 | 180 | 171 | 170 | 171 |
| 65 | 210 | 198 | 212 | 248 | 200 | 146 | 144 | 142 | 143 |
| 70 | 163 | 151 | 152 | 172 | 141 | 114 | 112 | 116 | 113 |
| 75 | 111 | 103 | 105 | 112 | 93 | 84 | 83 | 85 | 82 |
| 80 | 49 | 46 | 59 | 63 | 54 | 51 | 50 | 44 | 40 |
| 85 | 28 | 24 | 22 | 27 | 25 | 21 | 14 | 11 | 11 |
| 90 | 1 | 0 | 0 | 0 | 1 | 2 | 2 | 0 | 2 |

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