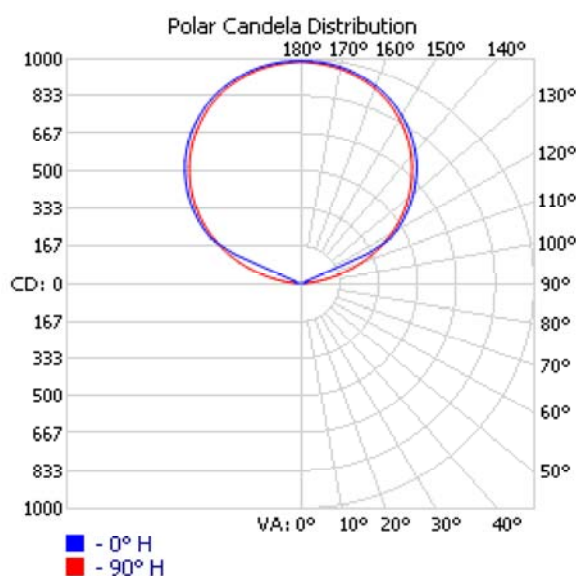


INDOOR PHOTOMETRIC REPORT

CATALOG: S2LWI 4FT 2N35 EZB WHT



TEST #: LTL25522
 TEST LAB: ACUITY BRANDS LIGHTING CONYERS LAB
 TEST DATE: 4/24/2014
 CATALOG: S2LWI 4FT 2N35 EZB WHT
 DESCRIPTION: SLOT 2 WALL MOUNT 4FT (2) INDIRECT NORMAL OUTPUT 3500K
 BOARDS WITH ELDOLED 1061/M 100W DRIVER
 SERIES: SLOT 2 LED PSW
 LAMP CATALOG: NICHIA NS21757AT 3500K
 LAMP: LED
 LAMP OUTPUT: TOTAL LUMINAIRE LUMENS: 2807.6, **ABSOLUTE PHOTOMETRY ***
 BALLAST / DRIVER: ELDOLED 1061/M 100W
 INPUT WATTAGE: 27.92
 LUMINOUS OPENING: RECTANGLE (L: 48", W: 2.04")
 CIE CLASS: INDIRECT
 MAX CD: 992 AT HORIZONTAL: 45°, VERTICAL: 177.5°
 SPACING CRITERION: @ 0 = 0 / @ 90 = 0

**ZONAL LUMEN SUMMARY**

| ZONE | LUMENS | % LUMINAIRE |
|--------|--------|-------------|
| 0-30 | 0 | 0% |
| 0-40 | 0 | 0% |
| 0-60 | 0 | 0% |
| 60-90 | 0 | 0% |
| 70-100 | 20.8 | 0.7% |
| 90-120 | 486.2 | 17.3% |
| 0-90 | 0 | 0% |
| 90-180 | 2807.6 | 100% |
| 0-180 | 2807.6 | 100% |

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

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

***FILE HAS 0% DOWNLIGHT, SOME SELECTED PLOTS ARE NOT AVAILABLE.

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LUMENS PER ZONE

| ZONE | LUMENS | % TOTAL | ZONE | LUMENS | % TOTAL |
|-------|--------|---------|---------|--------|---------|
| 0-10 | 0 | 0.0% | 90-100 | 20.8 | 0.7% |
| 10-20 | 0 | 0.0% | 100-110 | 113.4 | 4% |
| 20-30 | 0 | 0.0% | 110-120 | 352 | 12.5% |
| 30-40 | 0 | 0.0% | 120-130 | 496.2 | 17.7% |
| 40-50 | 0 | 0.0% | 130-140 | 538.1 | 19.2% |
| 50-60 | 0 | 0.0% | 140-150 | 508.3 | 18.1% |
| 60-70 | 0 | 0.0% | 150-160 | 414.7 | 14.8% |
| 70-80 | 0 | 0.0% | 160-170 | 270.4 | 9.6% |
| 80-90 | 0 | 0.0% | 170-180 | 93.8 | 3.3% |

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE: 20%

| | | | | | | |
|--------|--|--|-------------------------------|-------------------------------|-------------------------------|----------|
| RCC %: | 80 | 70 | 50 | 30 | 10 | 0 |
| RW %: | <u>70</u> <u>50</u> <u>30</u> <u>0</u> | <u>70</u> <u>50</u> <u>30</u> <u>0</u> | <u>50</u> <u>30</u> <u>20</u> | <u>50</u> <u>30</u> <u>20</u> | <u>50</u> <u>30</u> <u>20</u> | <u>0</u> |
| RCR: 0 | .95 .95 .95 .95 | .81 .81 .81 .00 | .56 .56 .56 | .32 .32 .32 | .10 .10 .10 | .00 |
| 1 | .87 .83 .79 .76 | .74 .71 .68 .00 | .48 .47 .45 | .28 .27 .26 | .09 .09 .08 | .00 |
| 2 | .79 .72 .66 .62 | .67 .62 .57 .00 | .42 .40 .37 | .24 .23 .22 | .08 .07 .07 | .00 |
| 3 | .72 .63 .56 .51 | .61 .54 .49 .00 | .37 .34 .31 | .21 .20 .18 | .07 .06 .06 | .00 |
| 4 | .65 .56 .48 .43 | .56 .48 .42 .00 | .33 .29 .26 | .19 .17 .16 | .06 .06 .05 | .00 |
| 5 | .60 .49 .42 .36 | .51 .42 .36 .00 | .29 .25 .22 | .17 .15 .13 | .05 .05 .04 | .00 |
| 6 | .55 .44 .36 .31 | .47 .38 .32 .00 | .26 .22 .19 | .15 .13 .11 | .05 .04 .04 | .00 |
| 7 | .50 .39 .32 .27 | .43 .34 .28 .00 | .23 .19 .17 | .14 .11 .10 | .04 .04 .03 | .00 |
| 8 | .47 .35 .28 .23 | .40 .30 .24 .00 | .21 .17 .14 | .12 .10 .09 | .04 .03 .03 | .00 |
| 9 | .43 .32 .25 .20 | .37 .28 .22 .00 | .19 .15 .13 | .11 .09 .08 | .04 .03 .03 | .00 |
| 10 | .40 .29 .22 .18 | .34 .25 .19 .00 | .17 .14 .11 | .10 .08 .07 | .03 .03 .02 | .00 |

INDOOR PHOTOMETRIC REPORT
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CANDELA TABLE - TYPE C

| | 0 | 22.5 | 45 | 67.5 | 90 |
|-----|-----|------|-----|------|-----|
| 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 0 | 0 | 0 | 0 |
| 25 | 0 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 | 0 |
| 35 | 0 | 0 | 0 | 0 | 0 |
| 40 | 0 | 0 | 0 | 0 | 0 |
| 45 | 0 | 0 | 0 | 0 | 0 |
| 50 | 0 | 0 | 0 | 0 | 0 |
| 55 | 0 | 0 | 0 | 0 | 0 |
| 60 | 0 | 0 | 0 | 0 | 0 |
| 65 | 0 | 0 | 0 | 0 | 0 |
| 70 | 0 | 0 | 0 | 0 | 0 |
| 75 | 0 | 0 | 0 | 0 | 0 |
| 80 | 0 | 0 | 0 | 0 | 0 |
| 85 | 0 | 0 | 0 | 0 | 0 |
| 90 | 0 | 0 | 0 | 0 | 0 |
| 95 | 10 | 15 | 16 | 12 | 43 |
| 100 | 26 | 24 | 19 | 88 | 112 |
| 105 | 24 | 24 | 23 | 208 | 193 |
| 110 | 26 | 32 | 306 | 296 | 282 |
| 115 | 316 | 402 | 394 | 388 | 368 |
| 120 | 477 | 487 | 478 | 473 | 453 |
| 125 | 557 | 565 | 560 | 553 | 531 |
| 130 | 632 | 638 | 637 | 629 | 604 |
| 135 | 701 | 704 | 704 | 697 | 672 |
| 140 | 762 | 765 | 763 | 759 | 736 |
| 145 | 817 | 818 | 816 | 812 | 794 |
| 150 | 864 | 864 | 861 | 858 | 844 |
| 155 | 903 | 902 | 902 | 898 | 888 |
| 160 | 936 | 934 | 934 | 932 | 924 |
| 165 | 961 | 958 | 959 | 958 | 950 |
| 170 | 980 | 976 | 978 | 975 | 971 |
| 175 | 990 | 986 | 989 | 986 | 983 |
| 180 | 991 | 991 | 991 | 991 | 991 |



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