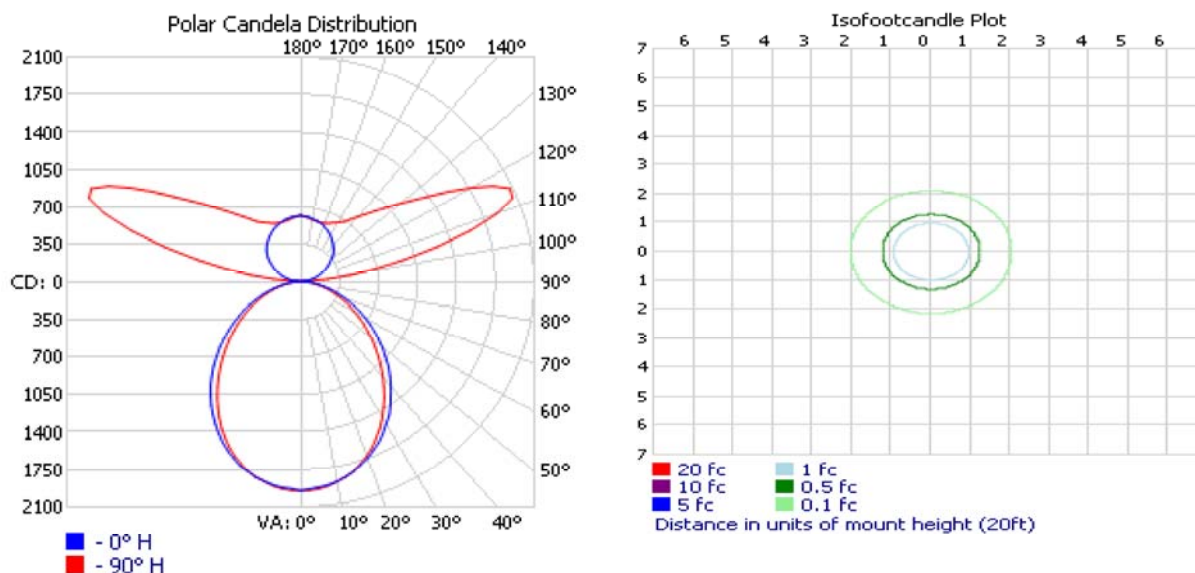


INDOOR PHOTOMETRIC REPORT

CATALOG: S4LID 4FT CRD 1H35 2H35BW EZB WHT



TEST #: LTL25803
 TEST LAB: ACUITY BRANDS LIGHTING CONYERS LAB
 TEST DATE: 7/2/2014
 CATALOG: S4LID 4FT CRD 1H35 2H35BW EZB WHT
 DESCRIPTION: SLOT 4 PENDANT MOUNT 4' (1) DIRECT HIGH OUTPUT ,3500K
 BOARDS (2) INDIRECT HIGH OUTPUT 3500K ,BOARDS WITH
 BATWING OPTIC ELDOLED 1061/M 100W ,DRIVER
 SERIES: SLOT 4 LED PSW
 LAMP CATALOG: NICHIA NS21757AT
 LAMP: LED
 LAMP OUTPUT: TOTAL LUMINAIRE LUMENS: 8768.3, **ABSOLUTE PHOTOMETRY ***
 BALLAST / DRIVER: ELDOLED 1061/M 100W DRIVER
 INPUT WATTAGE: 97.12
 LUMINOUS OPENING: RECTANGLE (L: 48.96", W: 3")
 CIE CLASS: GENERAL DIFFUSE
 MAX CD: 2076 AT HORIZONTAL: 90°, VERTICAL: 115°
 SPACING CRITERION: @ 0 = 1.18 / @ 90 = 1.13



*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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INDOOR PHOTOMETRIC REPORT

CATALOG: S4LID 4FT CRD 1H35 2H35BW EZB WHT

**ZONAL LUMEN SUMMARY**

| ZONE | LUMENS | % LUMINAIRE |
|--------|--------|-------------|
| 0-30 | 1452.2 | 16.6% |
| 0-40 | 2303.9 | 26.3% |
| 0-60 | 3789.5 | 43.2% |
| 60-90 | 813.8 | 9.3% |
| 70-100 | 578.1 | 6.6% |
| 90-120 | 2082.7 | 23.8% |
| 0-90 | 4603.2 | 52.5% |
| 90-180 | 4165.1 | 47.5% |
| 0-180 | 8768.3 | 100% |

LUMENS PER ZONE

| ZONE | LUMENS | % TOTAL | ZONE | LUMENS | % TOTAL |
|-------|--------|---------|---------|--------|---------|
| 0-10 | 183.5 | 2.1% | 90-100 | 239.7 | 2.7% |
| 10-20 | 516.3 | 5.9% | 100-110 | 841.1 | 9.6% |
| 20-30 | 752.4 | 8.6% | 110-120 | 1001.9 | 11.4% |
| 30-40 | 851.7 | 9.7% | 120-130 | 723 | 8.2% |
| 40-50 | 813.2 | 9.3% | 130-140 | 504.8 | 5.8% |
| 50-60 | 672.4 | 7.7% | 140-150 | 366.3 | 4.2% |
| 60-70 | 475.4 | 5.4% | 150-160 | 264.1 | 3% |
| 70-80 | 262.1 | 3.0% | 160-170 | 166 | 1.9% |
| 80-90 | 76.3 | 0.9% | 170-180 | 58.1 | 0.7% |

AVERAGE LUMINANCE (CD/M2)

| | 0 | 22.5 | 45 | 67.5 | 90 | 112.5 | 135 | 157.5 | 180 |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0 | 20557 | 20557 | 20557 | 20557 | 20557 | 20557 | 20557 | 20557 | 20557 |
| 45 | 16640 | 16357 | 15700 | 14984 | 14745 | 15043 | 15879 | 16595 | 16491 |
| 55 | 14921 | 14553 | 13744 | 12934 | 12713 | 13026 | 13946 | 14755 | 14535 |
| 65 | 13159 | 12585 | 11886 | 11087 | 10937 | 11311 | 12086 | 12935 | 12610 |
| 75 | 11172 | 10438 | 10030 | 9500 | 9296 | 9582 | 10275 | 10846 | 10152 |
| 85 | 8476 | 7628 | 7991 | 7991 | 7991 | 7991 | 8476 | 8233 | 6417 |

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 | 10 | 50 | 30 | 20 | 10 | 50 | 30 | 20 | 10 | 0 |
| RCR: 0 | 1.08 | 1.08 | 1.08 | 1.08 | 1.00 | 1.00 | 1.00 | .52 | .85 | .85 | .85 | .71 | .71 | .71 | .58 | .58 | .58 | .58 | .58 | .58 | .52 |
| 1 | .99 | .94 | .90 | .87 | .91 | .87 | .84 | .45 | .75 | .72 | .70 | .63 | .61 | .60 | .52 | .51 | .50 | .45 | .45 | .45 | .45 |
| 2 | .90 | .83 | .77 | .71 | .83 | .77 | .71 | .38 | .66 | .62 | .58 | .55 | .53 | .50 | .46 | .44 | .42 | .38 | .38 | .38 | .38 |
| 3 | .82 | .73 | .66 | .60 | .76 | .68 | .61 | .33 | .58 | .53 | .49 | .49 | .46 | .43 | .41 | .38 | .36 | .32 | .32 | .32 | .32 |
| 4 | .75 | .65 | .57 | .51 | .69 | .60 | .53 | .29 | .52 | .46 | .42 | .44 | .40 | .37 | .37 | .34 | .31 | .28 | .28 | .28 | .28 |
| 5 | .69 | .58 | .50 | .44 | .64 | .54 | .47 | .25 | .46 | .41 | .37 | .40 | .35 | .32 | .33 | .30 | .27 | .24 | .24 | .24 | .24 |
| 6 | .64 | .52 | .44 | .38 | .59 | .48 | .41 | .22 | .42 | .36 | .32 | .36 | .31 | .28 | .30 | .27 | .24 | .21 | .21 | .21 | .21 |
| 7 | .59 | .47 | .39 | .33 | .55 | .44 | .37 | .20 | .38 | .32 | .28 | .33 | .28 | .25 | .28 | .24 | .22 | .19 | .19 | .19 | .19 |
| 8 | .55 | .43 | .35 | .30 | .51 | .40 | .33 | .18 | .35 | .29 | .25 | .30 | .26 | .22 | .25 | .22 | .20 | .17 | .17 | .17 | .17 |
| 9 | .51 | .39 | .32 | .27 | .47 | .37 | .30 | .16 | .32 | .27 | .23 | .28 | .23 | .20 | .24 | .20 | .18 | .16 | .16 | .16 | .16 |
| 10 | .48 | .36 | .29 | .24 | .44 | .34 | .27 | .15 | .29 | .24 | .20 | .26 | .21 | .18 | .22 | .19 | .16 | .14 | .14 | .14 | .14 |

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CATALOG: S4LID 4FT CRD 1H35 2H35BW EZB WHT

**CANDELA TABLE - TYPE C**

| | 0 | 22.5 | 45 | 67.5 | 90 | 112.5 | 135 | 157.5 | 180 |
|-----|------|------|------|------|------|-------|------|-------|------|
| 0 | 1948 | 1948 | 1948 | 1948 | 1948 | 1948 | 1948 | 1948 | 1948 |
| 5 | 1922 | 1945 | 1937 | 1933 | 1938 | 1935 | 1934 | 1938 | 1925 |
| 10 | 1889 | 1906 | 1895 | 1894 | 1890 | 1895 | 1897 | 1913 | 1887 |
| 15 | 1831 | 1846 | 1828 | 1819 | 1826 | 1828 | 1840 | 1856 | 1828 |
| 20 | 1751 | 1765 | 1745 | 1730 | 1726 | 1738 | 1750 | 1778 | 1752 |
| 25 | 1653 | 1659 | 1632 | 1614 | 1604 | 1620 | 1640 | 1670 | 1653 |
| 30 | 1532 | 1538 | 1500 | 1472 | 1464 | 1480 | 1515 | 1548 | 1533 |
| 35 | 1405 | 1404 | 1361 | 1320 | 1308 | 1328 | 1373 | 1422 | 1401 |
| 40 | 1262 | 1252 | 1211 | 1161 | 1149 | 1167 | 1218 | 1264 | 1260 |
| 45 | 1115 | 1096 | 1052 | 1004 | 988 | 1008 | 1064 | 1112 | 1105 |
| 50 | 961 | 942 | 898 | 848 | 836 | 854 | 912 | 956 | 949 |
| 55 | 811 | 791 | 747 | 703 | 691 | 708 | 758 | 802 | 790 |
| 60 | 669 | 641 | 608 | 569 | 558 | 576 | 618 | 658 | 641 |
| 65 | 527 | 504 | 476 | 444 | 438 | 453 | 484 | 518 | 505 |
| 70 | 392 | 372 | 354 | 332 | 325 | 336 | 361 | 386 | 373 |
| 75 | 274 | 256 | 246 | 233 | 228 | 235 | 252 | 266 | 249 |
| 80 | 161 | 150 | 148 | 143 | 140 | 142 | 154 | 158 | 142 |
| 85 | 70 | 63 | 66 | 66 | 66 | 66 | 70 | 68 | 53 |
| 90 | 4 | 8 | 7 | 8 | 7 | 8 | 9 | 8 | 7 |
| 95 | 36 | 176 | 258 | 249 | 240 | 257 | 268 | 186 | 50 |
| 100 | 83 | 270 | 690 | 699 | 664 | 702 | 719 | 279 | 101 |
| 105 | 132 | 319 | 909 | 1296 | 1274 | 1308 | 946 | 331 | 151 |
| 110 | 178 | 350 | 948 | 1702 | 1876 | 1732 | 982 | 360 | 195 |
| 115 | 227 | 373 | 886 | 1682 | 2076 | 1719 | 916 | 381 | 245 |
| 120 | 274 | 398 | 800 | 1418 | 1768 | 1440 | 823 | 407 | 290 |
| 125 | 323 | 424 | 719 | 1160 | 1398 | 1174 | 734 | 432 | 345 |
| 130 | 374 | 446 | 656 | 970 | 1133 | 982 | 666 | 452 | 393 |
| 135 | 418 | 461 | 604 | 827 | 938 | 828 | 610 | 467 | 435 |
| 140 | 454 | 484 | 586 | 719 | 796 | 718 | 590 | 484 | 471 |
| 145 | 489 | 506 | 570 | 650 | 690 | 648 | 572 | 507 | 499 |
| 150 | 516 | 532 | 557 | 615 | 641 | 612 | 555 | 530 | 529 |
| 155 | 547 | 556 | 560 | 588 | 604 | 581 | 556 | 556 | 557 |
| 160 | 573 | 582 | 572 | 581 | 588 | 576 | 568 | 581 | 575 |
| 165 | 587 | 595 | 584 | 582 | 586 | 576 | 580 | 598 | 593 |
| 170 | 602 | 610 | 600 | 594 | 593 | 588 | 598 | 609 | 606 |
| 175 | 613 | 622 | 613 | 610 | 608 | 607 | 612 | 623 | 614 |
| 180 | 623 | 623 | 623 | 623 | 623 | 623 | 623 | 623 | 623 |

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