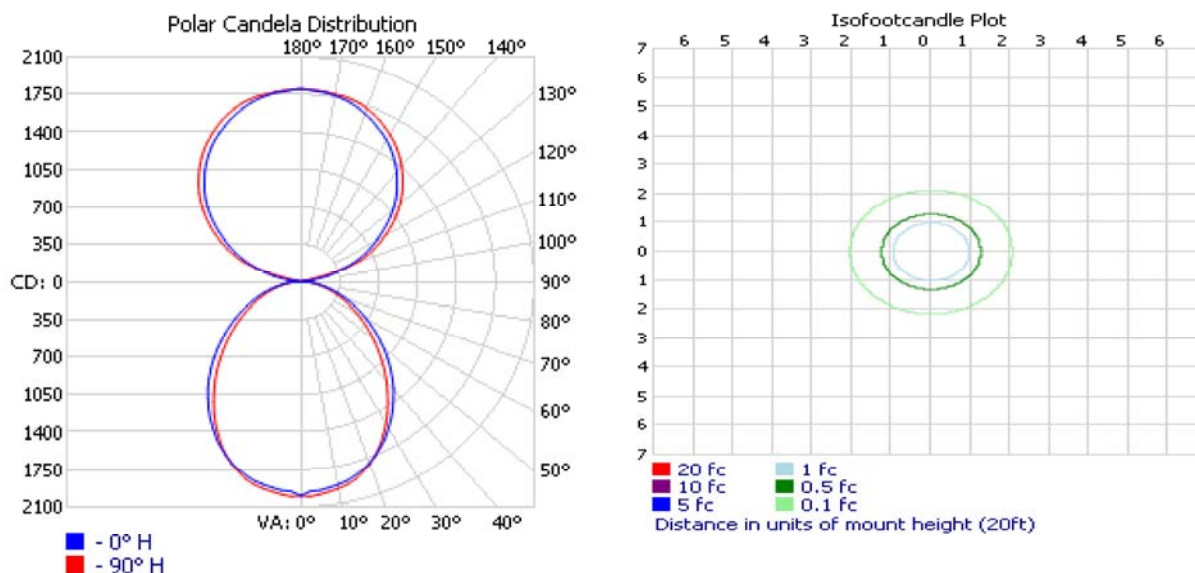


INDOOR PHOTOMETRIC REPORT

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



TEST #: LTL25533
 TEST LAB: ACUITY BRANDS LIGHTING CONYERS LAB
 TEST DATE: 4/28/2014
 CATALOG: S4LID 4FT CRD 1H35 2H35 EZB WHT
 DESCRIPTION: SLOT 4 PENDANT MOUNT 4FT (1) DIRECT HIGH OUTPUT 3500K BOARDS, (2) INDIRECT HIGH OUTPUT 3500K BOARDS WITH ELDOLED 1061/M 100W DRIVER
 SERIES: SLOT 4 LED PSW
 LAMP CATALOG: NICHIA NS21757AT 3000K
 LAMP: LED
 LAMP OUTPUT: TOTAL LUMINAIRE LUMENS: 10126.3, **ABSOLUTE PHOTOMETRY ***
 BALLAST / DRIVER: ELDOLED 1061/M 100W
 INPUT WATTAGE: 98.95
 LUMINOUS OPENING: RECTANGLE (L: 48.96", W: 3")
 CIE CLASS: GENERAL DIFFUSE
 MAX CD: 2006 AT HORIZONTAL: 45°, VERTICAL: 2.5°
 SPACING CRITERION: @ 0 = 1.18 / @ 90 = 1.15



*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 2H35 EZB WHT

**ZONAL LUMEN SUMMARY**

| ZONE | LUMENS | % LUMINAIRE |
|--------|---------|-------------|
| 0-30 | 1502.9 | 14.8% |
| 0-40 | 2386.1 | 23.6% |
| 0-60 | 3918.9 | 38.7% |
| 60-90 | 838.2 | 8.3% |
| 70-100 | 399.8 | 3.9% |
| 90-120 | 1106.2 | 10.9% |
| 0-90 | 4757.1 | 47% |
| 90-180 | 5369.2 | 53% |
| 0-180 | 10126.3 | 100% |

LUMENS PER ZONE

| ZONE | LUMENS | % TOTAL | ZONE | LUMENS | % TOTAL |
|-------|--------|---------|---------|--------|---------|
| 0-10 | 188.4 | 1.9% | 90-100 | 48.9 | 0.5% |
| 10-20 | 533.4 | 5.3% | 100-110 | 354.1 | 3.5% |
| 20-30 | 781.1 | 7.7% | 110-120 | 703.1 | 6.9% |
| 30-40 | 883.2 | 8.7% | 120-130 | 909.6 | 9% |
| 40-50 | 840.4 | 8.3% | 130-140 | 988.1 | 9.8% |
| 50-60 | 692.3 | 6.8% | 140-150 | 936.1 | 9.2% |
| 60-70 | 487.3 | 4.8% | 150-160 | 763.2 | 7.5% |
| 70-80 | 270.5 | 2.7% | 160-170 | 495.2 | 4.9% |
| 80-90 | 80.4 | 0.8% | 170-180 | 170.8 | 1.7% |

AVERAGE LUMINANCE (CD/M2)

| | 0 | 22.5 | 45 | 67.5 | 90 | 112.5 | 135 | 157.5 | 180 |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0 | 21063 | 21063 | 21063 | 21063 | 21063 | 21063 | 21063 | 21063 | 21063 |
| 45 | 16984 | 16954 | 16282 | 15640 | 15312 | 15640 | 16282 | 16954 | 16984 |
| 55 | 15179 | 15031 | 14240 | 13486 | 13173 | 13486 | 14240 | 15031 | 15179 |
| 65 | 13309 | 12910 | 12235 | 11561 | 11287 | 11561 | 12235 | 12910 | 13309 |
| 75 | 11620 | 10642 | 10275 | 9867 | 9704 | 9867 | 10275 | 10642 | 11620 |
| 85 | 9202 | 8112 | 8718 | 8718 | 8718 | 8718 | 8718 | 8112 | 9202 |

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 | 1.06 | 1.06 | 1.06 | 1.06 | .98 | .98 | .98 | .47 | .82 | .82 | .82 | .67 | .67 | .67 | .53 | .53 | .53 | .47 | | | |
| 1 | .97 | .93 | .89 | .86 | .89 | .86 | .82 | .40 | .72 | .70 | .67 | .59 | .58 | .56 | .47 | .46 | .45 | .40 | | | |
| 2 | .89 | .81 | .75 | .70 | .81 | .75 | .70 | .34 | .63 | .59 | .56 | .52 | .49 | .47 | .42 | .40 | .39 | .34 | | | |
| 3 | .81 | .72 | .65 | .59 | .74 | .66 | .60 | .30 | .56 | .51 | .47 | .46 | .43 | .40 | .37 | .35 | .33 | .29 | | | |
| 4 | .74 | .64 | .56 | .50 | .68 | .59 | .52 | .26 | .50 | .45 | .41 | .41 | .38 | .35 | .34 | .31 | .29 | .25 | | | |
| 5 | .68 | .57 | .49 | .43 | .62 | .53 | .46 | .23 | .45 | .39 | .35 | .37 | .33 | .30 | .30 | .27 | .25 | .22 | | | |
| 6 | .63 | .51 | .43 | .37 | .58 | .47 | .40 | .20 | .40 | .35 | .31 | .34 | .30 | .26 | .28 | .25 | .22 | .19 | | | |
| 7 | .58 | .46 | .38 | .33 | .53 | .43 | .36 | .18 | .37 | .31 | .27 | .31 | .27 | .23 | .25 | .22 | .20 | .17 | | | |
| 8 | .54 | .42 | .34 | .29 | .50 | .39 | .32 | .16 | .33 | .28 | .24 | .28 | .24 | .21 | .23 | .20 | .18 | .15 | | | |
| 9 | .50 | .38 | .31 | .26 | .46 | .36 | .29 | .15 | .31 | .25 | .22 | .26 | .22 | .19 | .21 | .18 | .16 | .14 | | | |
| 10 | .47 | .35 | .28 | .23 | .43 | .33 | .26 | .13 | .28 | .23 | .20 | .24 | .20 | .17 | .20 | .17 | .15 | .13 | | | |

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

**CANDELA TABLE - TYPE C**

| | 0 | 22.5 | 45 | 67.5 | 90 | 112.5 | 135 | 157.5 | 180 |
|-----|------|------|------|------|------|-------|------|-------|------|
| 0 | 1996 | 1996 | 1996 | 1996 | 1996 | 1996 | 1996 | 1996 | 1996 |
| 5 | 1953 | 1985 | 1998 | 1992 | 1991 | 1992 | 1998 | 1985 | 1953 |
| 10 | 1920 | 1948 | 1959 | 1960 | 1957 | 1960 | 1959 | 1948 | 1920 |
| 15 | 1871 | 1886 | 1904 | 1900 | 1904 | 1900 | 1904 | 1886 | 1871 |
| 20 | 1801 | 1805 | 1823 | 1814 | 1807 | 1814 | 1823 | 1805 | 1801 |
| 25 | 1697 | 1706 | 1709 | 1693 | 1682 | 1693 | 1709 | 1706 | 1697 |
| 30 | 1576 | 1584 | 1578 | 1547 | 1530 | 1547 | 1578 | 1584 | 1576 |
| 35 | 1443 | 1446 | 1427 | 1381 | 1365 | 1381 | 1427 | 1446 | 1443 |
| 40 | 1299 | 1294 | 1259 | 1215 | 1198 | 1215 | 1259 | 1294 | 1299 |
| 45 | 1138 | 1136 | 1091 | 1048 | 1026 | 1048 | 1091 | 1136 | 1138 |
| 50 | 980 | 976 | 930 | 886 | 864 | 886 | 930 | 976 | 980 |
| 55 | 825 | 817 | 774 | 733 | 716 | 733 | 774 | 817 | 825 |
| 60 | 675 | 662 | 626 | 591 | 578 | 591 | 626 | 662 | 675 |
| 65 | 533 | 517 | 490 | 463 | 452 | 463 | 490 | 517 | 533 |
| 70 | 404 | 383 | 364 | 346 | 340 | 346 | 364 | 383 | 404 |
| 75 | 285 | 261 | 252 | 242 | 238 | 242 | 252 | 261 | 285 |
| 80 | 174 | 154 | 154 | 151 | 150 | 151 | 154 | 154 | 174 |
| 85 | 76 | 67 | 72 | 72 | 72 | 72 | 72 | 67 | 76 |
| 90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 95 | 59 | 69 | 20 | 22 | 24 | 22 | 20 | 69 | 59 |
| 100 | 180 | 223 | 154 | 28 | 30 | 28 | 154 | 223 | 180 |
| 105 | 334 | 380 | 388 | 248 | 248 | 248 | 388 | 380 | 334 |
| 110 | 493 | 549 | 555 | 560 | 557 | 560 | 555 | 549 | 493 |
| 115 | 648 | 714 | 722 | 726 | 727 | 726 | 722 | 714 | 648 |
| 120 | 795 | 876 | 880 | 882 | 884 | 882 | 880 | 876 | 795 |
| 125 | 945 | 1028 | 1029 | 1030 | 1036 | 1030 | 1029 | 1028 | 945 |
| 130 | 1092 | 1166 | 1165 | 1167 | 1171 | 1167 | 1165 | 1166 | 1092 |
| 135 | 1223 | 1286 | 1290 | 1291 | 1297 | 1291 | 1290 | 1286 | 1223 |
| 140 | 1340 | 1400 | 1404 | 1406 | 1410 | 1406 | 1404 | 1400 | 1340 |
| 145 | 1445 | 1498 | 1505 | 1508 | 1510 | 1508 | 1505 | 1498 | 1445 |
| 150 | 1536 | 1580 | 1597 | 1595 | 1598 | 1595 | 1597 | 1580 | 1536 |
| 155 | 1610 | 1644 | 1668 | 1670 | 1672 | 1670 | 1668 | 1644 | 1610 |
| 160 | 1678 | 1704 | 1726 | 1722 | 1726 | 1722 | 1726 | 1704 | 1678 |
| 165 | 1730 | 1748 | 1761 | 1762 | 1764 | 1762 | 1761 | 1748 | 1730 |
| 170 | 1765 | 1779 | 1788 | 1775 | 1777 | 1775 | 1788 | 1779 | 1765 |
| 175 | 1781 | 1799 | 1807 | 1793 | 1792 | 1793 | 1807 | 1799 | 1781 |
| 180 | 1801 | 1801 | 1801 | 1801 | 1801 | 1801 | 1801 | 1801 | 1801 |

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