

LUMINAIRE: VSY12-40VLHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 1' x 2' Led with acrylic diffuser
 Data Scaled from Test# 19.00998
BALLAST: XI040C110V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 4487
WATTS: 32.68
MOUNTING: Recessed
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.21 90° = 1.24
LUMINOUS OPENING IN FEET
 LENGTH: 1.91
 WIDTH: 0.87
 HEIGHT: 0.00

TEST #23445
 DATE: 6/11/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 137

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.76
BASED ON 3000 HRS. AND \$.08 PER KWH

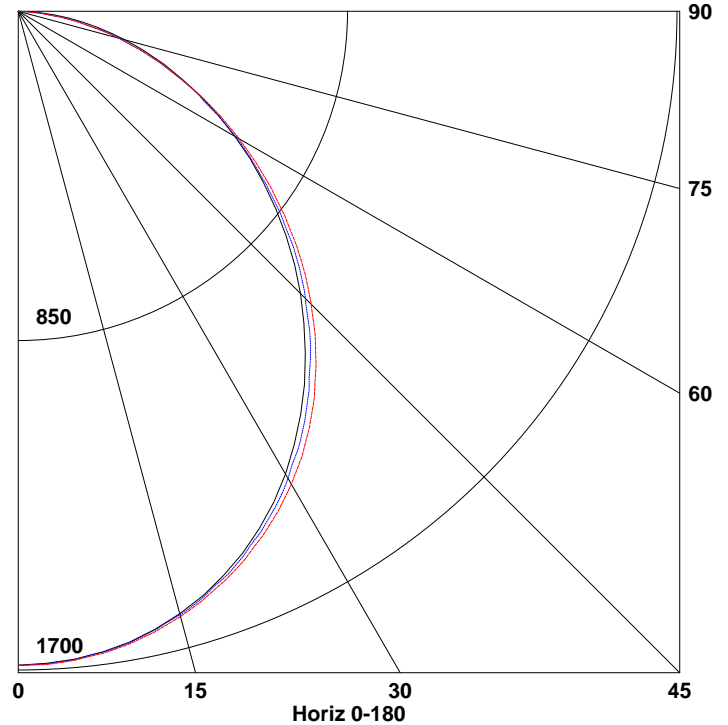
ZONAL LUMENS

| ZONE | LUMENS | % LAMP | % FIXTURE |
|-------|--------|--------|-----------|
| 0-30 | 1297 | 28.9 | 28.9 |
| 0-40 | 2103 | 46.9 | 46.9 |
| 0-60 | 3612 | 80.5 | 80.5 |
| 0-90 | 4487 | 100.0 | 100.0 |
| 0-180 | 4487 | 100.0 | 100.0 |

AVERAGE LUMINANCE

| ANGLE | CANDELA/SQ M | | | | |
|-------|--------------|-------|-------|-------|-------|
| | 0.0 | 22.5 | 45.0 | 67.5 | 90.0 |
| 0 | 10928 | 10928 | 10928 | 10928 | 10928 |
| 30 | 10315 | 10322 | 10412 | 10494 | 10539 |
| 40 | 9741 | 9775 | 9919 | 10037 | 10105 |
| 45 | 9436 | 9454 | 9601 | 9720 | 9793 |
| 50 | 9090 | 9130 | 9241 | 9342 | 9433 |
| 55 | 8730 | 8752 | 8843 | 8922 | 9012 |
| 60 | 8356 | 8356 | 8395 | 8434 | 8538 |
| 65 | 7970 | 7924 | 7909 | 7909 | 8001 |
| 70 | 7576 | 7443 | 7386 | 7330 | 7424 |
| 75 | 7108 | 6883 | 6758 | 6607 | 6708 |
| 80 | 6603 | 6155 | 5894 | 5633 | 5708 |
| 85 | 5797 | 4905 | 4385 | 3791 | 3865 |

INDOOR CANDELA PLOT



0.0 ——— 45.0 ——— 90.0 ——— 1700

COEFFICIENTS OF UTILIZATION (%)

| RC | EFFECTIVE FLOOR CAVITY REFLECTANCE = 20% | | | | | | | | | | | | | | | | | | |
|----|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 80% | | | | 70% | | | | 50% | | | | 30% | | | | | | |
| | 70% | 50% | 30% | 10% | 70% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0% | |
| RW | 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |
| | 1 | 109 | 104 | 100 | 96 | 106 | 102 | 98 | 95 | 98 | 95 | 92 | 94 | 91 | 89 | 90 | 88 | 86 | 84 |
| | 2 | 99 | 91 | 85 | 79 | 97 | 89 | 83 | 78 | 86 | 81 | 76 | 83 | 78 | 74 | 80 | 76 | 73 | 71 |
| | 3 | 91 | 80 | 72 | 66 | 88 | 79 | 71 | 65 | 76 | 69 | 64 | 73 | 68 | 63 | 70 | 66 | 62 | 60 |
| R | 4 | 83 | 71 | 63 | 56 | 81 | 70 | 62 | 56 | 67 | 60 | 55 | 65 | 59 | 54 | 63 | 58 | 53 | 51 |
| C | 5 | 77 | 64 | 55 | 48 | 74 | 63 | 54 | 48 | 61 | 53 | 48 | 59 | 52 | 47 | 57 | 51 | 47 | 44 |
| R | 6 | 71 | 58 | 49 | 42 | 69 | 57 | 48 | 42 | 55 | 47 | 42 | 53 | 47 | 41 | 52 | 46 | 41 | 39 |
| | 7 | 66 | 52 | 44 | 37 | 64 | 51 | 43 | 37 | 50 | 42 | 37 | 48 | 42 | 37 | 47 | 41 | 37 | 35 |
| | 8 | 61 | 48 | 39 | 34 | 60 | 47 | 39 | 33 | 46 | 38 | 33 | 45 | 38 | 33 | 43 | 37 | 33 | 31 |
| | 9 | 57 | 44 | 36 | 30 | 56 | 43 | 35 | 30 | 42 | 35 | 30 | 41 | 35 | 30 | 40 | 34 | 30 | 28 |
| | 10 | 54 | 41 | 33 | 27 | 52 | 40 | 32 | 27 | 39 | 32 | 27 | 38 | 32 | 27 | 37 | 31 | 27 | 25 |

RCR = ROOM CAVITY RATIO RC = EFFECTIVE CEILING CAVITY REFLECTANCE RW = WALL REFLECTANCE

THE DATA IN THIS REPORT ARE BASED ON ABSOLUTE MEASUREMENTS.
 ANSI/IESNA RP-1 COMPLIANCE IS BASED ON ABSOLUTE MEASUREMENTS.
 THIS TEST RUN IN ACCORDANCE WITH CURRENT I.E.S.N.A. PUBLISHED PROCEDURES.

APPROVED BY: _____

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 Versify™ Architectural Edge Lit, Recessed Architectural
 1' x 2' Led with acrylic diffuser
 Data Scaled from Test# 19.00998

TEST #23445
 DATE: 6/11/2019

CANDELA VALUES

| ANGLE | 0.0 | 22.5 | 45.0 | 67.5 | 90.0 |
|-------|-------|------|------|------|------|
| 0.0 | 1687* | 1687 | 1687 | 1687 | 1687 |
| 2.5 | 1684 | 1684 | 1685 | 1687 | 1687 |
| 5.0 | 1678 | 1678 | 1679 | 1681 | 1681 |
| 7.5 | 1667 | 1667 | 1668 | 1670 | 1671 |
| 10.0 | 1653 | 1653 | 1654 | 1656 | 1657 |
| 12.5 | 1633 | 1633 | 1635 | 1637 | 1639 |
| 15.0 | 1609 | 1609 | 1612 | 1615 | 1617 |
| 17.5 | 1582 | 1581 | 1586 | 1589 | 1591 |
| 20.0 | 1549 | 1549 | 1555 | 1559 | 1562 |
| 22.5 | 1513 | 1513 | 1520 | 1525 | 1530 |
| 25.0 | 1472 | 1472 | 1482 | 1489 | 1493 |
| 27.5 | 1428 | 1428 | 1439 | 1447 | 1453 |
| 30.0 | 1379 | 1380 | 1392 | 1403 | 1409 |
| 32.5 | 1325 | 1328 | 1342 | 1354 | 1362 |
| 35.0 | 1270 | 1272 | 1289 | 1301 | 1310 |
| 37.5 | 1213 | 1215 | 1233 | 1246 | 1255 |
| 40.0 | 1152 | 1156 | 1173 | 1187 | 1195 |
| 42.5 | 1091 | 1094 | 1112 | 1124 | 1134 |
| 45.0 | 1030 | 1032 | 1048 | 1061 | 1069 |
| 47.5 | 967 | 969 | 985 | 995 | 1004 |
| 50.0 | 902 | 906 | 917 | 927 | 936 |
| 52.5 | 838 | 840 | 850 | 860 | 867 |
| 55.0 | 773 | 775 | 783 | 790 | 798 |
| 57.5 | 710 | 710 | 715 | 721 | 728 |
| 60.0 | 645 | 645 | 648 | 651 | 659 |
| 62.5 | 582 | 580 | 581 | 582 | 590 |
| 65.0 | 520 | 517 | 516 | 516 | 522 |
| 67.5 | 458 | 453 | 451 | 449 | 455 |
| 70.0 | 400 | 393 | 390 | 387 | 392 |
| 72.5 | 342 | 333 | 328 | 324 | 328 |
| 75.0 | 284 | 275 | 270 | 264 | 268 |
| 77.5 | 230 | 219 | 213 | 206 | 209 |
| 80.0 | 177 | 165 | 158 | 151 | 153 |
| 82.5 | 126 | 114 | 106 | 99 | 101 |
| 85.0 | 78 | 66 | 59 | 51 | 52 |
| 87.5 | 34 | 23 | 20 | 17 | 18 |
| 90.0 | 1 | 0 | 0 | 0 | 1 |

*MAXIMUM CANDELA VALUE