

**LUMINAIRE:** VSY14-30LWHE-EDU  
 Versify™ Architectural Edge Lit, Recessed Architectural  
 1' x 4' Led with acrylic diffuser  
 Data Scaled from Test# 19.00990  
**BALLAST:** XI040C110V054BST1  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 4250  
**WATTS:** 33.29  
**MOUNTING:** Recessed  
**SHIELDING ANGLE:** 0° = 90 90° = 90  
**SPACING CRITERION:** 0° = 1.21 90° = 1.23  
**LUMINOUS OPENING IN FEET**  
 LENGTH: 3.91  
 WIDTH: 0.87  
 HEIGHT: 0.00

TEST #23383  
 DATE: 6/4/2019

**TOTAL LUMINAIRE EFFICIENCY = 100.0**  
**TOTAL LUMENS PER WATT = 128**

**ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT**  
**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.86**  
**BASED ON 3000 HRS. AND \$.08 PER KWH**

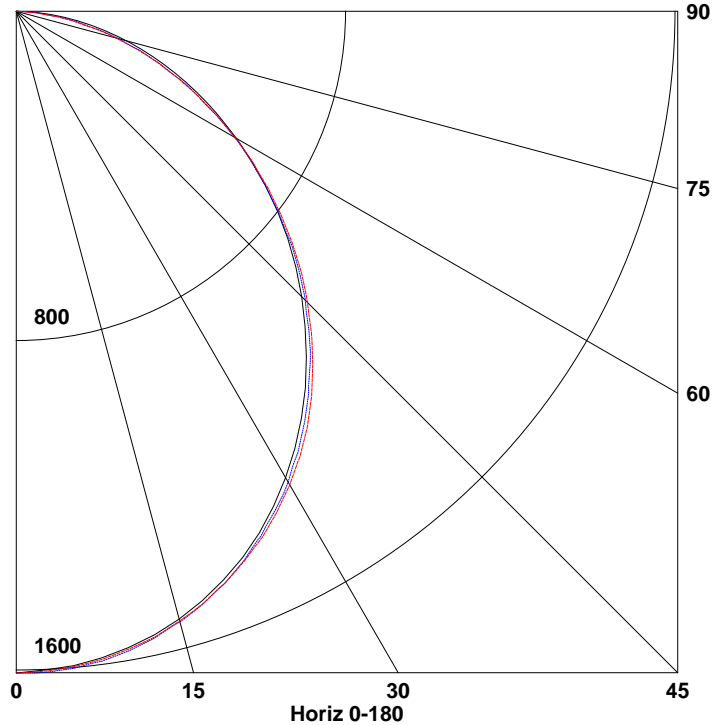
**ZONAL LUMENS**

| ZONE  | LUMENS | % LAMP | % FIXTURE |
|-------|--------|--------|-----------|
| 0-30  | 1231   | 29.0   | 29.0      |
| 0-40  | 1993   | 46.9   | 46.9      |
| 0-60  | 3419   | 80.4   | 80.4      |
| 0-90  | 4250   | 100.0  | 100.0     |
| 0-180 | 4250   | 100.0  | 100.0     |

**AVERAGE LUMINANCE**

| ANGLE | CANDELA/SQ M |      |      |      |      |
|-------|--------------|------|------|------|------|
|       | 0.0          | 22.5 | 45.0 | 67.5 | 90.0 |
| 0     | 5085         | 5085 | 5085 | 5085 | 5085 |
| 30    | 4779         | 4786 | 4823 | 4830 | 4852 |
| 40    | 4527         | 4535 | 4589 | 4602 | 4626 |
| 45    | 4385         | 4394 | 4444 | 4448 | 4475 |
| 50    | 4238         | 4248 | 4273 | 4278 | 4307 |
| 55    | 4077         | 4082 | 4077 | 4082 | 4110 |
| 60    | 3911         | 3898 | 3873 | 3867 | 3892 |
| 65    | 3736         | 3699 | 3654 | 3624 | 3646 |
| 70    | 3571         | 3488 | 3423 | 3358 | 3386 |
| 75    | 3362         | 3228 | 3142 | 3044 | 3069 |
| 80    | 3153         | 2897 | 2752 | 2606 | 2624 |
| 85    | 2832         | 2324 | 2106 | 1815 | 1852 |

**INDOOR CANDELA PLOT**



0.0 ——— 45.0 ——— 90.0 ——— 1600

**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  | 79  | 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  | 38  | 64  | 51  | 43  | 37  | 50  | 43  | 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: \_\_\_\_\_

**LUMINAIRE:** VSY14-30LWHE-EDU  
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 1' x 4' Led with acrylic diffuser  
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**CANDELA VALUES**

| ANGLE | 0.0   | 22.5 | 45.0 | 67.5 | 90.0 |
|-------|-------|------|------|------|------|
| 0.0   | 1607* | 1607 | 1607 | 1607 | 1607 |
| 2.5   | 1601  | 1604 | 1607 | 1604 | 1604 |
| 5.0   | 1595  | 1598 | 1602 | 1597 | 1598 |
| 7.5   | 1584  | 1587 | 1592 | 1587 | 1588 |
| 10.0  | 1569  | 1572 | 1577 | 1572 | 1573 |
| 12.5  | 1551  | 1553 | 1558 | 1554 | 1556 |
| 15.0  | 1528  | 1530 | 1535 | 1531 | 1533 |
| 17.5  | 1501  | 1503 | 1509 | 1505 | 1508 |
| 20.0  | 1470  | 1472 | 1479 | 1475 | 1479 |
| 22.5  | 1436  | 1438 | 1444 | 1443 | 1446 |
| 25.0  | 1397  | 1399 | 1406 | 1405 | 1411 |
| 27.5  | 1354  | 1356 | 1364 | 1365 | 1371 |
| 30.0  | 1308  | 1310 | 1320 | 1322 | 1328 |
| 32.5  | 1259  | 1261 | 1272 | 1275 | 1282 |
| 35.0  | 1207  | 1209 | 1220 | 1225 | 1232 |
| 37.5  | 1153  | 1155 | 1166 | 1171 | 1178 |
| 40.0  | 1096  | 1098 | 1111 | 1114 | 1120 |
| 42.5  | 1038  | 1040 | 1052 | 1054 | 1061 |
| 45.0  | 980   | 982  | 993  | 994  | 1000 |
| 47.5  | 921   | 923  | 931  | 932  | 939  |
| 50.0  | 861   | 863  | 868  | 869  | 875  |
| 52.5  | 800   | 801  | 803  | 805  | 810  |
| 55.0  | 739   | 740  | 739  | 740  | 745  |
| 57.5  | 678   | 678  | 675  | 675  | 680  |
| 60.0  | 618   | 616  | 612  | 611  | 615  |
| 62.5  | 557   | 555  | 549  | 547  | 550  |
| 65.0  | 499   | 494  | 488  | 484  | 487  |
| 67.5  | 441   | 434  | 428  | 423  | 426  |
| 70.0  | 386   | 377  | 370  | 363  | 366  |
| 72.5  | 330   | 320  | 312  | 305  | 308  |
| 75.0  | 275   | 264  | 257  | 249  | 251  |
| 77.5  | 224   | 211  | 202  | 194  | 196  |
| 80.0  | 173   | 159  | 151  | 143  | 144  |
| 82.5  | 124   | 110  | 102  | 95   | 96   |
| 85.0  | 78    | 64   | 58   | 50   | 51   |
| 87.5  | 35    | 24   | 20   | 18   | 19   |
| 90.0  | 1     | 1    | 1    | 1    | 1    |

\*MAXIMUM CANDELA VALUE