

LUMINAIRE: CWW4-35VWG-1WR-EDU
 CWW Contemporary Wallwash, Recessed Architectural
 3" x 48" led with frosted acrylic prisms lens
 Scaled from Test#16.00849
BALLAST: XI040C110V054BPT1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 3174
WATTS: 31.10
MOUNTING: Recessed
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = N/A 90° = N/A
LUMINOUS OPENING IN FEET
 LENGTH: 0.25
 WIDTH: 3.92
 HEIGHT: 0.00

TEST #16245
 DATE: 6/3/2016
TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 102

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.35
BASED ON 3000 HRS. AND \$.08 PER KWH

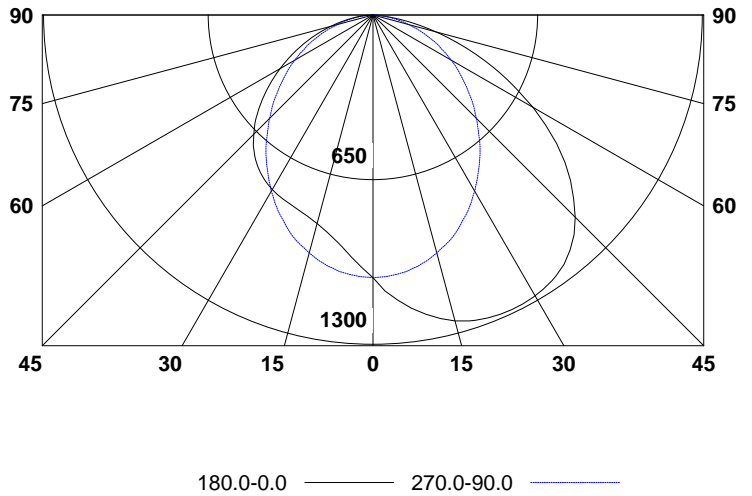
ZONAL LUMENS

| ZONE | LUMENS | % LAMP | % FIXTURE |
|-------|--------|--------|-----------|
| 0-30 | 828 | 26.1 | 26.1 |
| 0-40 | 1383 | 43.6 | 43.6 |
| 0-60 | 2510 | 79.1 | 79.1 |
| 0-90 | 3174 | 100.0 | 100.0 |
| 0-180 | 3174 | 100.0 | 100.0 |

CANDELA SUMMARY

| ANGLE | 0.0 | 45.0 | 90.0 | 135.0 | 180.0 |
|-------|------|------|------|-------|-------|
| 0.0 | 1037 | 1037 | 1037 | 1037 | 1037 |
| 7.5 | 1167 | 1122 | 1020 | 941 | 924 |
| 15.0 | 1250 | 1170 | 972 | 854 | 852 |
| 22.5 | 1282 | 1182 | 899 | 782 | 818 |
| 30.0 | 1279 | 1155 | 803 | 722 | 795 |
| 37.5 | 1239 | 1095 | 694 | 663 | 749 |
| 45.0 | 1129 | 1006 | 578 | 595 | 665 |
| 52.5 | 955 | 864 | 465 | 506 | 551 |
| 60.0 | 730 | 679 | 356 | 404 | 423 |
| 67.5 | 487 | 474 | 250 | 290 | 294 |
| 75.0 | 255 | 276 | 148 | 176 | 173 |
| 82.5 | 75 | 101 | 63 | 74 | 74 |
| 90.0 | 0 | 0 | 0 | 0 | 0 |

INDOOR CANDELA PLOT



AVERAGE LUMINANCE

| ANGLE | 0.0 | 45.0 | 90.0 | 135.0 | 180.0 |
|-------|-------|-------|-------|-------|-------|
| 0 | 11390 | 11390 | 11390 | 11390 | 11390 |
| 30 | 16221 | 14649 | 10184 | 9157 | 10083 |
| 40 | 17349 | 15342 | 9391 | 9219 | 10409 |
| 45 | 17537 | 15626 | 8978 | 9242 | 10330 |
| 50 | 17395 | 15652 | 8578 | 9193 | 10133 |
| 55 | 16947 | 15396 | 8196 | 9058 | 9766 |
| 60 | 16036 | 14916 | 7820 | 8875 | 9292 |
| 65 | 14606 | 14060 | 7433 | 8525 | 8758 |
| 70 | 13103 | 13038 | 6905 | 8125 | 8093 |
| 75 | 10822 | 11713 | 6281 | 7469 | 7342 |
| 80 | 8096 | 9614 | 5693 | 6768 | 6578 |
| 85 | 4789 | 7058 | 5167 | 5797 | 5671 |

CANDELA/SQ M

THE DATA IN THIS REPORT ARE BASED ON ABSOLUTE MEASUREMENTS.

THIS TEST RUN IN ACCORDANCE WITH CURRENT I.E.S.N.A. PUBLISHED PROCEDURES.

APPROVED BY: _____

LUMINAIRE: CWW4-35VWG-1WR-EDU
CWW Contemporary Wallwash, Recessed Architectural
3" x 48" led with frosted acylic prisms lens
Scaled from Test#16.00849

TEST #16245
DATE: 6/3/2016

CANDELA VALUES

| ANGLE | 0.0 | 22.5 | 45.0 | 67.5 | 90.0 | 112.5 | 135.0 | 157.5 | 180.0 |
|-------|-------|------|------|------|------|-------|-------|-------|-------|
| 0.0 | 1037 | 1037 | 1037 | 1037 | 1037 | 1037 | 1037 | 1037 | 1037 |
| 2.5 | 1090 | 1082 | 1073 | 1053 | 1034 | 1013 | 1003 | 991 | 998 |
| 5.0 | 1130 | 1119 | 1098 | 1065 | 1028 | 992 | 971 | 954 | 960 |
| 7.5 | 1167 | 1151 | 1122 | 1073 | 1020 | 969 | 941 | 920 | 924 |
| 10.0 | 1199 | 1180 | 1141 | 1077 | 1008 | 944 | 911 | 890 | 895 |
| 12.5 | 1227 | 1203 | 1156 | 1079 | 992 | 917 | 882 | 864 | 871 |
| 15.0 | 1250 | 1224 | 1170 | 1078 | 972 | 889 | 854 | 844 | 852 |
| 17.5 | 1266 | 1239 | 1178 | 1072 | 951 | 859 | 829 | 827 | 838 |
| 20.0 | 1276 | 1248 | 1183 | 1064 | 928 | 828 | 804 | 812 | 827 |
| 22.5 | 1282 | 1252 | 1182 | 1053 | 899 | 797 | 782 | 799 | 818 |
| 25.0 | 1285* | 1252 | 1177 | 1037 | 869 | 765 | 761 | 788 | 811 |
| 27.5 | 1284 | 1249 | 1169 | 1020 | 837 | 734 | 741 | 779 | 804 |
| 30.0 | 1279 | 1243 | 1155 | 999 | 803 | 702 | 722 | 769 | 795 |
| 32.5 | 1271 | 1232 | 1140 | 972 | 766 | 670 | 703 | 756 | 783 |
| 35.0 | 1258 | 1217 | 1121 | 945 | 730 | 641 | 684 | 742 | 768 |
| 37.5 | 1239 | 1196 | 1095 | 914 | 694 | 610 | 663 | 724 | 749 |
| 40.0 | 1210 | 1172 | 1070 | 877 | 655 | 579 | 643 | 704 | 726 |
| 42.5 | 1175 | 1140 | 1040 | 839 | 615 | 549 | 619 | 679 | 699 |
| 45.0 | 1129 | 1100 | 1006 | 799 | 578 | 520 | 595 | 652 | 665 |
| 47.5 | 1074 | 1050 | 962 | 756 | 540 | 488 | 567 | 619 | 632 |
| 50.0 | 1018 | 997 | 916 | 708 | 502 | 460 | 538 | 587 | 593 |
| 52.5 | 955 | 937 | 864 | 661 | 465 | 430 | 506 | 550 | 551 |
| 55.0 | 885 | 873 | 804 | 610 | 428 | 400 | 473 | 511 | 510 |
| 57.5 | 808 | 802 | 741 | 558 | 393 | 368 | 437 | 472 | 469 |
| 60.0 | 730 | 730 | 679 | 511 | 356 | 339 | 404 | 429 | 423 |
| 62.5 | 644 | 647 | 609 | 458 | 321 | 306 | 366 | 385 | 379 |
| 65.0 | 562 | 570 | 541 | 405 | 286 | 274 | 328 | 344 | 337 |
| 67.5 | 487 | 491 | 474 | 352 | 250 | 244 | 290 | 302 | 294 |
| 70.0 | 408 | 415 | 406 | 301 | 215 | 211 | 253 | 260 | 252 |
| 72.5 | 326 | 343 | 339 | 249 | 181 | 177 | 214 | 219 | 213 |
| 75.0 | 255 | 273 | 276 | 201 | 148 | 147 | 176 | 179 | 173 |
| 77.5 | 188 | 198 | 212 | 157 | 118 | 118 | 140 | 141 | 137 |
| 80.0 | 128 | 137 | 152 | 116 | 90 | 90 | 107 | 107 | 104 |
| 82.5 | 75 | 86 | 101 | 80 | 63 | 62 | 74 | 74 | 74 |
| 85.0 | 38 | 44 | 56 | 48 | 41 | 41 | 46 | 46 | 45 |
| 87.5 | 12 | 13 | 18 | 19 | 19 | 19 | 20 | 19 | 18 |
| 90.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

*MAXIMUM CANDELA VALUE