

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: CORELITE

Report Number: P709305

Luminaire Tested: DL2W-BB-M-125U-075D-935-UNV-STD-W-WM-4

Issue Date: 3/5/2020

Test Information

Test Method: LM-79-2019
Report Number: P709305
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2303-941-5, G3-2104-222-2)
Test Lab: INNOVATION CENTER
Issue Date: 3/5/2020
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: DL2W-BB-M-125U-075D-935-UNV-STD-W-WM-4
Description: CORELITE DISCREET DL2W WALL MOUNT LED LUMINAIRE
DOWNLIGHT 750 LUMENS PER FOOT
UPLIGHT 1250 LUMENS PER FOOT
Light Source: -
Ballast/Driver: -

Summary

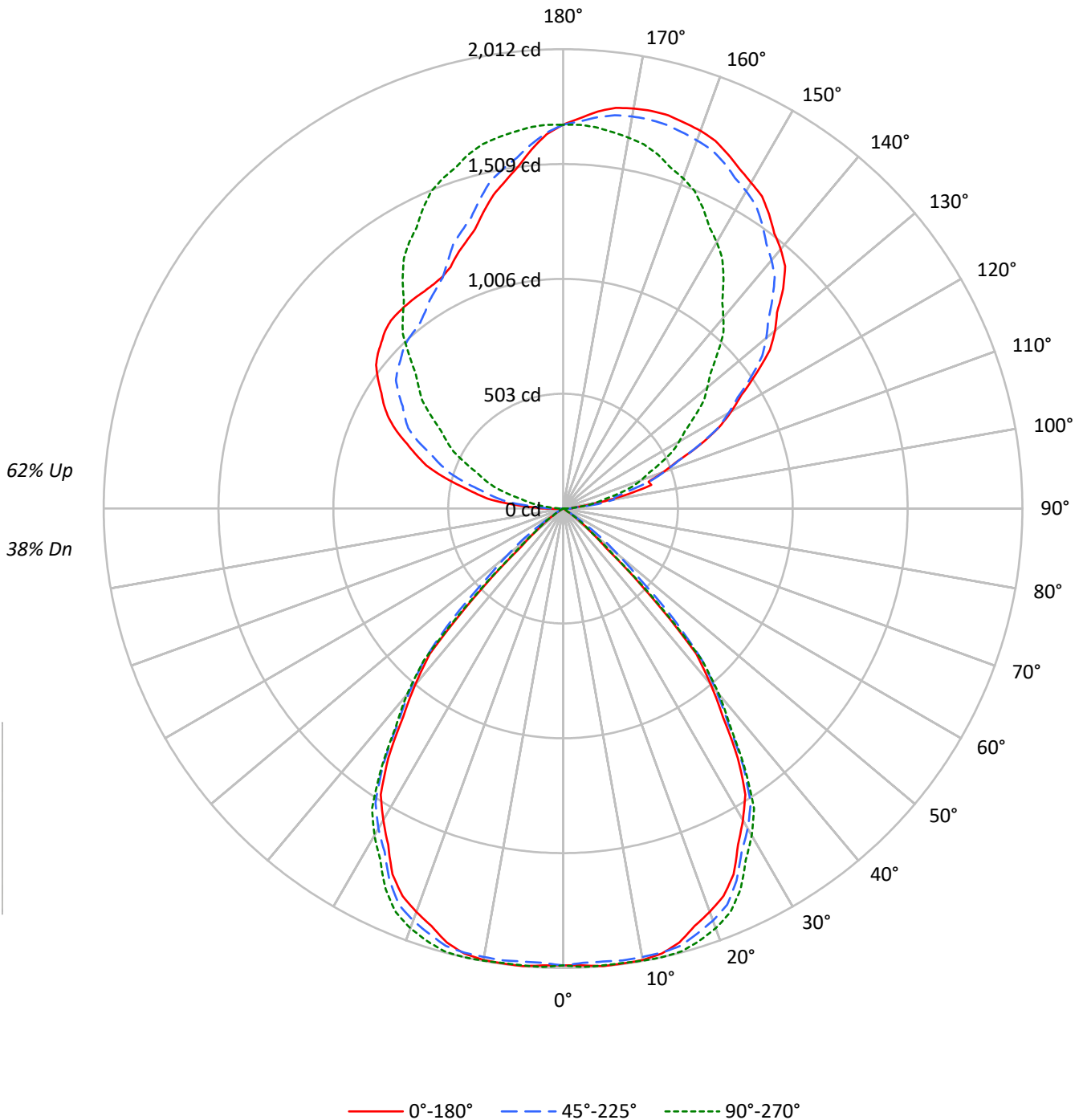
Lumens per Lamp: N/A
Luminaire Lumens: 7904.6 lumens
Efficiency: N/A
Efficacy: 110.4 lumens/watt
Spacing Criteria (0/90/45): 1.17 / 1.22 / 1.16
Luminous Opening: Rectangular (W 4' x L: 0.17' x H: 0')
CIE Type: Semi-Indirect

Input Watts (W): 71.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



TEST NUMBER: P709305
CATALOG NUMBER: DL2W-BB-M-125U-075D-935-UNV-STD-W-WM-4

Luminous Intensity Polar Plot



TEST NUMBER: P709305

CATALOG NUMBER: DL2W-BB-M-125U-075D-935-UNV-STD-W-WM-4

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | |
| RC | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 104 | 104 | 104 | 104 | 95 | 95 | 95 | 95 | 77 | 77 | 77 | 60 | 60 | 60 | 45 | 45 | 45 | 38 |
| 1 | 97 | 93 | 90 | 87 | 88 | 85 | 82 | 79 | 69 | 67 | 66 | 55 | 54 | 53 | 42 | 41 | 41 | 35 |
| 2 | 89 | 83 | 78 | 73 | 81 | 76 | 71 | 68 | 63 | 60 | 57 | 50 | 48 | 47 | 39 | 38 | 37 | 32 |
| 3 | 82 | 74 | 68 | 63 | 75 | 68 | 63 | 59 | 57 | 53 | 50 | 46 | 43 | 41 | 36 | 35 | 33 | 29 |
| 4 | 76 | 67 | 60 | 55 | 69 | 62 | 56 | 51 | 51 | 47 | 44 | 42 | 39 | 37 | 33 | 32 | 30 | 26 |
| 5 | 71 | 60 | 53 | 48 | 64 | 56 | 50 | 45 | 47 | 42 | 39 | 39 | 35 | 33 | 31 | 29 | 27 | 24 |
| 6 | 65 | 55 | 48 | 42 | 60 | 51 | 44 | 40 | 43 | 38 | 35 | 35 | 32 | 30 | 29 | 26 | 25 | 22 |
| 7 | 61 | 50 | 43 | 38 | 56 | 46 | 40 | 36 | 39 | 35 | 31 | 33 | 29 | 27 | 27 | 24 | 23 | 20 |
| 8 | 57 | 46 | 39 | 34 | 52 | 42 | 36 | 32 | 36 | 31 | 28 | 30 | 27 | 24 | 25 | 22 | 21 | 18 |
| 9 | 53 | 42 | 35 | 30 | 49 | 39 | 33 | 29 | 33 | 29 | 26 | 28 | 25 | 22 | 23 | 21 | 19 | 17 |
| 10 | 50 | 39 | 32 | 28 | 45 | 36 | 30 | 26 | 31 | 26 | 23 | 26 | 23 | 20 | 22 | 19 | 18 | 16 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° | 135° | 180° |
|-----|-------|-------|-------|-------|-------|
| 0° | 32301 | 32301 | 32301 | 32301 | 32301 |
| 5° | 32603 | 32277 | 32554 | 32277 | 32603 |
| 10° | 32914 | 32697 | 32964 | 32697 | 32914 |
| 15° | 32889 | 33148 | 33558 | 33148 | 32889 |
| 20° | 32294 | 32991 | 33601 | 32991 | 32294 |
| 25° | 31486 | 32023 | 32771 | 32023 | 31486 |
| 30° | 29369 | 30159 | 30805 | 30159 | 29369 |
| 35° | 26315 | 27115 | 27340 | 27115 | 26315 |
| 40° | 21220 | 22041 | 22424 | 22041 | 21220 |
| 45° | 12545 | 15594 | 13369 | 15594 | 12545 |
| 50° | 3946 | 7975 | 4172 | 7975 | 3946 |
| 55° | 1576 | 2805 | 1576 | 2805 | 1576 |
| 60° | 32 | 760 | 97 | 760 | 32 |
| 65° | 0 | 31 | 0 | 31 | 0 |
| 70° | 0 | 0 | 0 | 0 | 0 |
| 75° | 0 | 0 | 0 | 0 | 0 |
| 80° | 0 | 0 | 0 | 0 | 0 |
| 85° | 0 | 0 | 0 | 0 | 0 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 50°
 Vertical Angle: 45°
 Luminance: 15650 cd/sqm

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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 191.3 | 2.4 |
| 10°-20° | 560.3 | 7.1 |
| 20°-30° | 824.3 | 10.4 |
| 30°-40° | 842.5 | 10.7 |
| 40°-50° | 485.4 | 6.1 |
| 50°-60° | 83.5 | 1.1 |
| 60°-70° | 3.0 | 0.0 |
| 70°-80° | 0.0 | 0.0 |
| 80°-90° | 9.0 | 0.1 |
| 90°-100° | 133.4 | 1.7 |
| 100°-110° | 389.5 | 4.9 |
| 110°-120° | 636.1 | 8.0 |
| 120°-130° | 808.0 | 10.2 |
| 130°-140° | 864.6 | 10.9 |
| 140°-150° | 807.3 | 10.2 |
| 150°-160° | 664.4 | 8.4 |
| 160°-170° | 445.7 | 5.6 |
| 170°-180° | 158.2 | 2.0 |
| 0°-30° | 1576.0 | 19.9 |
| 0°-40° | 2418.5 | 30.6 |
| 0°-60° | 2987.4 | 37.8 |
| 0°-90° | 2999.4 | 37.9 |
| 90°-120° | 1159.1 | 14.7 |
| 90°-150° | 3638.9 | 46.0 |
| 90°-180° | 4907.0 | 62.1 |
| 0°-180° | 7904.6 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|------|------|------|------|------|------|------|
| 0° | 2001 | 2001 | 2001 | 2001 | 2001 | |
| 5° | 2012 | 1992 | 2009 | 1992 | 2012 | 192 |
| 15° | 1968 | 1983 | 2008 | 1983 | 1968 | 552 |
| 25° | 1767 | 1798 | 1840 | 1798 | 1767 | 805 |
| 35° | 1335 | 1376 | 1387 | 1376 | 1335 | 819 |
| 45° | 549 | 683 | 586 | 683 | 549 | 426 |
| 55° | 56 | 100 | 56 | 100 | 56 | 57 |
| 65° | 0 | 1 | 0 | 1 | 0 | 0 |
| 75° | 0 | 0 | 0 | 0 | 0 | 0 |
| 85° | 0 | 0 | 0 | 0 | 0 | 3 |
| 90° | 36 | 32 | 6 | 46 | 80 | 17 |
| 95° | 39 | 49 | 52 | 172 | 238 | 66 |
| 105° | 400 | 296 | 248 | 446 | 548 | 371 |
| 115° | 664 | 659 | 471 | 704 | 805 | 651 |
| 125° | 1034 | 1006 | 703 | 880 | 990 | 924 |
| 135° | 1364 | 1296 | 954 | 989 | 1102 | 1047 |
| 145° | 1573 | 1520 | 1225 | 1052 | 1128 | 984 |
| 155° | 1711 | 1670 | 1451 | 1194 | 1167 | 789 |
| 165° | 1783 | 1741 | 1605 | 1403 | 1345 | 503 |
| 175° | 1746 | 1720 | 1676 | 1602 | 1579 | 168 |
| 180° | 1681 | 1681 | 1681 | 1681 | 1681 | |

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CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | 100° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2000.6 | 2000.6 | 2000.6 | 2000.6 | 2000.6 | 2000.6 | 2000.6 | 2000.6 | 2000.6 | 2000.6 | 2000.6 |
| 2.5° | 2002.2 | 2004.0 | 2005.8 | 2000.1 | 1991.9 | 1991.3 | 1998.5 | 2004.4 | 2006.9 | 2009.4 | 2006.9 |
| 5° | 2011.6 | 2012.5 | 2013.4 | 2004.6 | 1992.6 | 1990.4 | 1997.9 | 2004.2 | 2006.4 | 2008.6 | 2006.4 |
| 7.5° | 2009.2 | 2011.4 | 2013.7 | 2006.8 | 1996.9 | 1994.7 | 2000.0 | 2004.4 | 2005.9 | 2007.4 | 2005.9 |
| 10° | 2007.6 | 2009.8 | 2012.1 | 2004.9 | 1994.7 | 1994.0 | 2002.9 | 2009.7 | 2010.2 | 2010.6 | 2010.2 |
| 12.5° | 1996.4 | 2000.4 | 2004.4 | 1999.3 | 1991.2 | 1994.1 | 2008.0 | 2017.7 | 2015.0 | 2012.2 | 2015.0 |
| 15° | 1967.6 | 1973.4 | 1979.1 | 1979.6 | 1978.2 | 1988.0 | 2008.9 | 2022.7 | 2015.2 | 2007.6 | 2015.2 |
| 17.5° | 1917.1 | 1925.3 | 1933.5 | 1939.2 | 1944.1 | 1960.5 | 1988.3 | 2006.5 | 1995.9 | 1985.2 | 1995.9 |
| 20° | 1879.5 | 1886.6 | 1893.7 | 1901.9 | 1910.3 | 1929.9 | 1960.6 | 1980.5 | 1968.0 | 1955.6 | 1968.0 |
| 22.5° | 1837.1 | 1842.8 | 1848.5 | 1857.8 | 1868.4 | 1888.3 | 1917.6 | 1936.7 | 1925.3 | 1913.9 | 1925.3 |
| 25° | 1767.4 | 1770.5 | 1773.6 | 1780.4 | 1788.4 | 1806.7 | 1835.1 | 1854.6 | 1847.0 | 1839.5 | 1847.0 |
| 27.5° | 1659.3 | 1663.3 | 1667.3 | 1675.8 | 1685.8 | 1701.4 | 1722.8 | 1738.3 | 1736.1 | 1734.0 | 1736.1 |
| 30° | 1575.3 | 1582.8 | 1590.4 | 1600.3 | 1611.0 | 1624.3 | 1640.3 | 1652.3 | 1652.3 | 1652.3 | 1652.3 |
| 32.5° | 1485.6 | 1493.1 | 1500.7 | 1511.4 | 1523.2 | 1534.7 | 1546.1 | 1554.9 | 1556.0 | 1557.0 | 1556.0 |
| 35° | 1335.1 | 1341.7 | 1348.4 | 1358.8 | 1370.3 | 1381.0 | 1390.8 | 1396.9 | 1392.0 | 1387.1 | 1392.0 |
| 37.5° | 1150.1 | 1155.7 | 1161.3 | 1172.1 | 1184.5 | 1194.4 | 1201.8 | 1206.9 | 1205.0 | 1203.2 | 1205.0 |
| 40° | 1006.8 | 1015.3 | 1023.7 | 1032.5 | 1041.4 | 1050.1 | 1058.5 | 1064.7 | 1064.3 | 1063.9 | 1064.3 |
| 42.5° | 863.5 | 867.0 | 870.4 | 882.0 | 896.2 | 907.4 | 915.5 | 919.3 | 910.3 | 901.3 | 910.3 |
| 45° | 549.4 | 595.3 | 641.1 | 664.5 | 680.5 | 685.4 | 679.2 | 664.6 | 625.1 | 585.5 | 625.1 |
| 47.5° | 258.8 | 307.3 | 355.8 | 402.1 | 447.8 | 456.0 | 426.9 | 392.8 | 343.5 | 294.2 | 343.5 |
| 50° | 157.1 | 173.6 | 190.0 | 245.2 | 313.3 | 321.7 | 270.5 | 224.8 | 195.5 | 166.1 | 195.5 |
| 52.5° | 105.9 | 115.2 | 124.6 | 164.9 | 215.5 | 218.4 | 173.7 | 136.9 | 123.9 | 110.9 | 123.9 |
| 55° | 56.0 | 58.7 | 61.4 | 78.1 | 99.4 | 99.9 | 79.4 | 63.2 | 59.6 | 56.0 | 59.6 |
| 57.5° | 21.0 | 25.4 | 29.7 | 36.5 | 44.1 | 43.8 | 35.8 | 28.6 | 23.8 | 19.0 | 23.8 |
| 60° | 1.0 | 5.0 | 9.0 | 15.7 | 23.2 | 23.9 | 17.7 | 11.9 | 7.5 | 3.0 | 7.5 |
| 62.5° | 0.2 | 1.4 | 2.5 | 7.4 | 13.5 | 13.7 | 7.8 | 3.1 | 1.8 | 0.6 | 1.8 |
| 65° | 0.0 | 0.0 | 0.0 | 0.3 | 0.8 | 0.8 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 67.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 7.2 | 7.2 | 7.0 | 7.0 | 6.4 | 6.4 | 5.8 | 4.2 | 2.6 | 1.2 | 2.4 |
| 90° | 36.0 | 36.0 | 35.0 | 35.0 | 32.0 | 32.0 | 29.0 | 21.0 | 13.0 | 6.0 | 12.0 |
| 92.5° | 43.2 | 43.2 | 42.2 | 41.4 | 39.2 | 36.0 | 29.8 | 29.8 | 28.2 | 18.0 | 32.8 |
| 95° | 39.0 | 39.0 | 38.0 | 39.0 | 43.0 | 55.0 | 80.0 | 88.0 | 60.0 | 52.0 | 75.0 |
| 97.5° | 91.2 | 94.0 | 103.6 | 121.2 | 152.6 | 158.2 | 150.4 | 112.0 | 108.6 | 104.6 | 137.2 |
| 100° | 180.0 | 186.0 | 198.0 | 214.0 | 251.0 | 199.0 | 156.0 | 156.0 | 147.0 | 143.0 | 178.0 |
| 102.5° | 289.6 | 292.4 | 305.2 | 306.8 | 245.4 | 217.4 | 206.4 | 202.4 | 185.4 | 183.0 | 224.4 |
| 105° | 400.0 | 379.0 | 333.0 | 299.0 | 296.0 | 296.0 | 295.0 | 277.0 | 253.0 | 248.0 | 291.0 |
| 107.5° | 392.4 | 387.0 | 389.6 | 393.2 | 397.8 | 401.4 | 391.0 | 361.2 | 321.8 | 315.8 | 356.8 |
| 110° | 466.0 | 459.0 | 464.0 | 470.0 | 473.0 | 475.0 | 455.0 | 414.0 | 373.0 | 363.0 | 400.0 |

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CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | 100° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 541.2 | 538.2 | 538.4 | 546.8 | 546.6 | 546.2 | 520.6 | 470.8 | 421.8 | 405.4 | 440.8 |
| 115° | 664.0 | 659.0 | 651.0 | 661.0 | 663.0 | 655.0 | 620.0 | 562.0 | 501.0 | 471.0 | 505.0 |
| 117.5° | 770.0 | 768.4 | 770.8 | 774.8 | 772.0 | 759.6 | 714.6 | 649.0 | 581.4 | 540.6 | 564.6 |
| 120° | 850.0 | 846.0 | 850.0 | 854.0 | 848.0 | 826.0 | 781.0 | 713.0 | 635.0 | 587.0 | 603.0 |
| 122.5° | 926.8 | 926.0 | 925.2 | 920.4 | 920.8 | 895.6 | 843.4 | 772.2 | 691.8 | 633.4 | 639.0 |
| 125° | 1034.0 | 1038.0 | 1033.0 | 1027.0 | 1020.0 | 992.0 | 937.0 | 864.0 | 773.0 | 703.0 | 696.0 |
| 127.5° | 1142.4 | 1143.0 | 1133.2 | 1127.4 | 1115.4 | 1083.0 | 1027.4 | 955.6 | 857.2 | 777.6 | 752.6 |
| 130° | 1212.0 | 1211.0 | 1202.0 | 1193.0 | 1177.0 | 1147.0 | 1089.0 | 1014.0 | 918.0 | 824.0 | 791.0 |
| 132.5° | 1271.2 | 1272.6 | 1262.0 | 1254.6 | 1234.6 | 1203.0 | 1149.8 | 1075.6 | 973.2 | 875.2 | 832.6 |
| 135° | 1364.0 | 1366.0 | 1353.0 | 1336.0 | 1313.0 | 1280.0 | 1235.0 | 1164.0 | 1062.0 | 954.0 | 898.0 |
| 137.5° | 1439.8 | 1438.4 | 1425.6 | 1410.2 | 1389.8 | 1354.4 | 1313.0 | 1242.8 | 1147.0 | 1039.2 | 960.6 |
| 140° | 1483.0 | 1484.0 | 1472.0 | 1455.0 | 1437.0 | 1404.0 | 1361.0 | 1294.0 | 1199.0 | 1092.0 | 1011.0 |
| 142.5° | 1519.8 | 1521.6 | 1512.8 | 1498.2 | 1477.0 | 1448.0 | 1409.8 | 1344.4 | 1251.0 | 1144.8 | 1057.4 |
| 145° | 1573.0 | 1577.0 | 1569.0 | 1556.0 | 1536.0 | 1505.0 | 1473.0 | 1409.0 | 1323.0 | 1225.0 | 1130.0 |
| 147.5° | 1621.6 | 1623.8 | 1617.4 | 1608.6 | 1588.2 | 1558.6 | 1529.0 | 1470.0 | 1389.2 | 1298.2 | 1201.8 |
| 150° | 1648.0 | 1655.0 | 1647.0 | 1639.0 | 1621.0 | 1589.0 | 1565.0 | 1506.0 | 1434.0 | 1347.0 | 1253.0 |
| 152.5° | 1676.0 | 1682.2 | 1674.2 | 1665.4 | 1647.4 | 1617.0 | 1594.6 | 1536.4 | 1470.0 | 1388.6 | 1301.8 |
| 155° | 1711.0 | 1719.0 | 1713.0 | 1703.0 | 1685.0 | 1656.0 | 1634.0 | 1581.0 | 1521.0 | 1451.0 | 1370.0 |
| 157.5° | 1743.4 | 1749.2 | 1744.0 | 1734.8 | 1712.6 | 1689.0 | 1666.0 | 1620.4 | 1566.4 | 1505.4 | 1434.8 |
| 160° | 1761.0 | 1766.0 | 1760.0 | 1750.0 | 1727.0 | 1705.0 | 1686.0 | 1642.0 | 1592.0 | 1539.0 | 1474.0 |
| 162.5° | 1771.4 | 1778.8 | 1772.8 | 1762.0 | 1739.0 | 1719.4 | 1701.2 | 1660.4 | 1615.2 | 1565.4 | 1509.2 |
| 165° | 1783.0 | 1792.0 | 1785.0 | 1774.0 | 1749.0 | 1733.0 | 1719.0 | 1683.0 | 1644.0 | 1605.0 | 1557.0 |
| 167.5° | 1784.6 | 1792.8 | 1786.4 | 1777.2 | 1752.4 | 1738.8 | 1727.8 | 1697.8 | 1664.8 | 1634.0 | 1594.2 |
| 170° | 1779.0 | 1788.0 | 1784.0 | 1774.0 | 1750.0 | 1738.0 | 1731.0 | 1705.0 | 1676.0 | 1650.0 | 1619.0 |
| 172.5° | 1770.2 | 1778.4 | 1773.6 | 1766.0 | 1742.0 | 1733.2 | 1728.6 | 1706.6 | 1683.2 | 1662.8 | 1639.0 |
| 175° | 1746.0 | 1755.0 | 1750.0 | 1745.0 | 1723.0 | 1718.0 | 1719.0 | 1706.0 | 1690.0 | 1676.0 | 1661.0 |
| 177.5° | 1711.4 | 1717.8 | 1713.8 | 1711.4 | 1697.8 | 1697.0 | 1701.8 | 1695.4 | 1688.2 | 1682.6 | 1676.2 |
| 180° | 1681.0 | 1681.0 | 1681.0 | 1681.0 | 1681.0 | 1681.0 | 1681.0 | 1681.0 | 1681.0 | 1681.0 | 1681.0 |

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CANDELA DISTRIBUTION (continued):

| | 110° | 120° | 130° | 140° | 150° | 160° | 170° | 180° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2000.6 | 2000.6 | 2000.6 | 2000.6 | 2000.6 | 2000.6 | 2000.6 | 2000.6 |
| 2.5° | 2004.4 | 1998.5 | 1991.3 | 1991.9 | 2000.1 | 2005.8 | 2004.0 | 2002.2 |
| 5° | 2004.2 | 1997.9 | 1990.4 | 1992.6 | 2004.6 | 2013.4 | 2012.5 | 2011.6 |
| 7.5° | 2004.4 | 2000.0 | 1994.7 | 1996.9 | 2006.8 | 2013.7 | 2011.4 | 2009.2 |
| 10° | 2009.7 | 2002.9 | 1994.0 | 1994.7 | 2004.9 | 2012.1 | 2009.8 | 2007.6 |
| 12.5° | 2017.7 | 2008.0 | 1994.1 | 1991.2 | 1999.3 | 2004.4 | 2000.4 | 1996.4 |
| 15° | 2022.7 | 2008.9 | 1988.0 | 1978.2 | 1979.6 | 1979.1 | 1973.4 | 1967.6 |
| 17.5° | 2006.5 | 1988.3 | 1960.5 | 1944.1 | 1939.2 | 1933.5 | 1925.3 | 1917.1 |
| 20° | 1980.5 | 1960.6 | 1929.9 | 1910.3 | 1901.9 | 1893.7 | 1886.6 | 1879.5 |
| 22.5° | 1936.7 | 1917.6 | 1888.3 | 1868.4 | 1857.8 | 1848.5 | 1842.8 | 1837.1 |
| 25° | 1854.6 | 1835.1 | 1806.7 | 1788.4 | 1780.4 | 1773.6 | 1770.5 | 1767.4 |
| 27.5° | 1738.3 | 1722.8 | 1701.4 | 1685.8 | 1675.8 | 1667.3 | 1663.3 | 1659.3 |
| 30° | 1652.3 | 1640.3 | 1624.3 | 1611.0 | 1600.3 | 1590.4 | 1582.8 | 1575.3 |
| 32.5° | 1554.9 | 1546.1 | 1534.7 | 1523.2 | 1511.4 | 1500.7 | 1493.1 | 1485.6 |
| 35° | 1396.9 | 1390.8 | 1381.0 | 1370.3 | 1358.8 | 1348.4 | 1341.7 | 1335.1 |
| 37.5° | 1206.9 | 1201.8 | 1194.4 | 1184.5 | 1172.1 | 1161.3 | 1155.7 | 1150.1 |
| 40° | 1064.7 | 1058.5 | 1050.1 | 1041.4 | 1032.5 | 1023.7 | 1015.3 | 1006.8 |
| 42.5° | 919.3 | 915.5 | 907.4 | 896.2 | 882.0 | 870.4 | 867.0 | 863.5 |
| 45° | 664.6 | 679.2 | 685.4 | 680.5 | 664.5 | 641.1 | 595.3 | 549.4 |
| 47.5° | 392.8 | 426.9 | 456.0 | 447.8 | 402.1 | 355.8 | 307.3 | 258.8 |
| 50° | 224.8 | 270.5 | 321.7 | 313.3 | 245.2 | 190.0 | 173.6 | 157.1 |
| 52.5° | 136.9 | 173.7 | 218.4 | 215.5 | 164.9 | 124.6 | 115.2 | 105.9 |
| 55° | 63.2 | 79.4 | 99.9 | 99.4 | 78.1 | 61.4 | 58.7 | 56.0 |
| 57.5° | 28.6 | 35.8 | 43.8 | 44.1 | 36.5 | 29.7 | 25.4 | 21.0 |
| 60° | 11.9 | 17.7 | 23.9 | 23.2 | 15.7 | 9.0 | 5.0 | 1.0 |
| 62.5° | 3.1 | 7.8 | 13.7 | 13.5 | 7.4 | 2.5 | 1.4 | 0.2 |
| 65° | 0.0 | 0.3 | 0.8 | 0.8 | 0.3 | 0.0 | 0.0 | 0.0 |
| 67.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 3.8 | 5.8 | 8.0 | 10.4 | 12.6 | 13.8 | 15.2 | 16.0 |
| 90° | 19.0 | 29.0 | 40.0 | 52.0 | 63.0 | 69.0 | 76.0 | 80.0 |
| 92.5° | 46.2 | 61.8 | 80.8 | 99.2 | 115.0 | 124.2 | 130.4 | 132.0 |
| 95° | 109.0 | 131.0 | 157.0 | 187.0 | 204.0 | 222.0 | 235.0 | 238.0 |
| 97.5° | 168.2 | 207.6 | 243.8 | 270.6 | 297.4 | 317.0 | 329.4 | 333.4 |
| 100° | 213.0 | 254.0 | 299.0 | 329.0 | 359.0 | 377.0 | 395.0 | 391.0 |
| 102.5° | 264.2 | 302.8 | 348.6 | 384.2 | 419.8 | 441.8 | 455.0 | 461.4 |
| 105° | 338.0 | 383.0 | 422.0 | 469.0 | 499.0 | 525.0 | 544.0 | 548.0 |
| 107.5° | 407.2 | 458.8 | 498.0 | 542.6 | 578.4 | 601.4 | 621.0 | 627.6 |
| 110° | 456.0 | 510.0 | 558.0 | 593.0 | 628.0 | 655.0 | 673.0 | 682.0 |

TEST NUMBER: P709305

CATALOG NUMBER: DL2W-BB-M-125U-075D-935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 110° | 120° | 130° | 140° | 150° | 160° | 170° | 180° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 500.0 | 554.8 | 609.2 | 649.0 | 686.4 | 711.0 | 729.0 | 738.8 |
| 115° | 563.0 | 622.0 | 675.0 | 734.0 | 766.0 | 787.0 | 800.0 | 805.0 |
| 117.5° | 620.8 | 680.8 | 738.0 | 792.4 | 831.0 | 845.0 | 855.2 | 861.2 |
| 120° | 656.0 | 716.0 | 774.0 | 826.0 | 867.0 | 889.0 | 900.0 | 906.0 |
| 122.5° | 688.8 | 749.6 | 806.8 | 858.8 | 899.8 | 925.0 | 939.2 | 943.6 |
| 125° | 738.0 | 799.0 | 856.0 | 903.0 | 944.0 | 972.0 | 988.0 | 990.0 |
| 127.5° | 783.0 | 835.8 | 897.8 | 947.2 | 985.8 | 1011.8 | 1026.4 | 1032.4 |
| 130° | 811.0 | 859.0 | 921.0 | 972.0 | 1009.0 | 1039.0 | 1052.0 | 1058.0 |
| 132.5° | 839.8 | 880.6 | 938.6 | 992.0 | 1032.2 | 1059.0 | 1072.8 | 1078.8 |
| 135° | 887.0 | 911.0 | 962.0 | 1016.0 | 1056.0 | 1083.0 | 1097.0 | 1102.0 |
| 137.5° | 939.8 | 945.6 | 979.2 | 1029.8 | 1072.4 | 1098.6 | 1110.0 | 1116.4 |
| 140° | 975.0 | 972.0 | 992.0 | 1037.0 | 1078.0 | 1105.0 | 1118.0 | 1122.0 |
| 142.5° | 1012.6 | 1000.8 | 1010.4 | 1044.2 | 1082.0 | 1107.4 | 1121.2 | 1125.2 |
| 145° | 1072.0 | 1048.0 | 1043.0 | 1062.0 | 1087.0 | 1111.0 | 1124.0 | 1128.0 |
| 147.5° | 1137.0 | 1104.8 | 1081.6 | 1087.6 | 1100.4 | 1116.2 | 1128.4 | 1129.2 |
| 150° | 1181.0 | 1144.0 | 1112.0 | 1110.0 | 1114.0 | 1125.0 | 1134.0 | 1134.0 |
| 152.5° | 1228.2 | 1182.4 | 1145.6 | 1137.2 | 1134.0 | 1139.4 | 1145.2 | 1144.4 |
| 155° | 1299.0 | 1249.0 | 1203.0 | 1184.0 | 1176.0 | 1170.0 | 1170.0 | 1167.0 |
| 157.5° | 1367.4 | 1314.4 | 1266.6 | 1243.2 | 1227.6 | 1219.0 | 1213.8 | 1207.8 |
| 160° | 1413.0 | 1360.0 | 1305.0 | 1284.0 | 1266.0 | 1255.0 | 1249.0 | 1243.0 |
| 162.5° | 1453.8 | 1404.8 | 1353.0 | 1322.4 | 1306.8 | 1296.6 | 1289.8 | 1282.2 |
| 165° | 1511.0 | 1468.0 | 1419.0 | 1387.0 | 1371.0 | 1358.0 | 1352.0 | 1345.0 |
| 167.5° | 1560.4 | 1526.2 | 1484.6 | 1454.0 | 1442.6 | 1425.6 | 1420.8 | 1407.2 |
| 170° | 1590.0 | 1563.0 | 1523.0 | 1498.0 | 1489.0 | 1476.0 | 1468.0 | 1456.0 |
| 172.5° | 1615.6 | 1593.4 | 1561.4 | 1538.8 | 1537.8 | 1523.2 | 1516.8 | 1509.6 |
| 175° | 1649.0 | 1635.0 | 1610.0 | 1593.0 | 1599.0 | 1592.0 | 1591.0 | 1579.0 |
| 177.5° | 1670.6 | 1667.4 | 1651.4 | 1644.2 | 1649.0 | 1649.8 | 1649.8 | 1641.0 |
| 180° | 1681.0 | 1681.0 | 1681.0 | 1681.0 | 1681.0 | 1681.0 | 1681.0 | 1681.0 |

(END OF REPORT)