

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: PORTFOLIO

Report Number: P1312048

Luminaire Tested: LDSQA3D02R209050DE010 3LSQCA30R 1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1312048
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-48)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D02R209050DE010 3LSQCA30R 1MB
Description: 3in Adjustable LED luminaire with, R20 optic, 5000K CCT AND, 90CRI , 3LSQCA30R 1MB TRIM
Light Source: -
Ballast/Driver: -

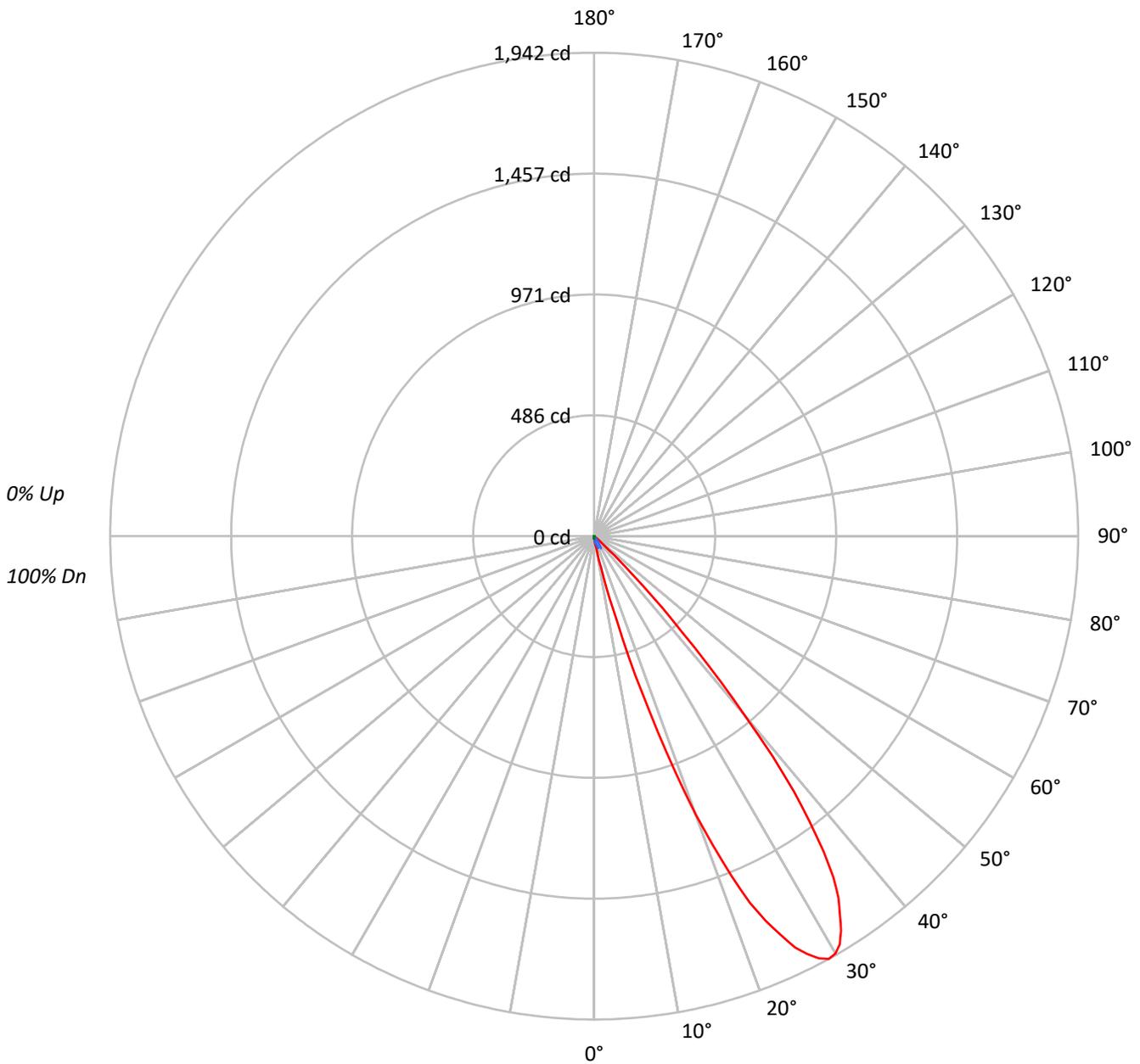
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 268.0 lumens
Efficiency: N/A
Efficacy: 74.4 lumens/watt
Spacing Criteria (0/90/45): 2.28 / 0.42 / 1.12
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
Input Voltage (V): NR
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

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Luminous Intensity Polar Plot



— 0°-180° - - - 45°-225° ····· 90°-270°



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| RF | 20 | | | | 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 | 50 | 30 | 10 | 0 |
| RCR | | | | | | | | | | | | | | | | | | | | | |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 102 | 102 | 102 | 100 |
| 1 | 113 | 109 | 107 | 104 | 110 | 107 | 105 | 102 | 103 | 101 | 99 | 99 | 98 | 96 | 96 | 95 | 93 | 96 | 95 | 93 | 92 |
| 2 | 106 | 100 | 96 | 92 | 104 | 98 | 94 | 91 | 95 | 92 | 89 | 92 | 89 | 87 | 89 | 87 | 85 | 89 | 87 | 85 | 83 |
| 3 | 99 | 92 | 86 | 81 | 97 | 90 | 85 | 81 | 88 | 83 | 79 | 85 | 81 | 78 | 83 | 80 | 77 | 83 | 80 | 77 | 75 |
| 4 | 93 | 84 | 77 | 72 | 91 | 83 | 77 | 72 | 80 | 75 | 71 | 78 | 74 | 70 | 76 | 73 | 69 | 76 | 73 | 69 | 68 |
| 5 | 87 | 77 | 70 | 65 | 85 | 76 | 69 | 64 | 74 | 68 | 64 | 72 | 67 | 63 | 70 | 66 | 63 | 70 | 66 | 63 | 61 |
| 6 | 81 | 70 | 63 | 58 | 79 | 69 | 63 | 58 | 68 | 62 | 57 | 66 | 61 | 57 | 65 | 60 | 57 | 65 | 60 | 57 | 55 |
| 7 | 76 | 64 | 57 | 52 | 74 | 64 | 57 | 52 | 62 | 56 | 52 | 61 | 56 | 51 | 60 | 55 | 51 | 60 | 55 | 51 | 49 |
| 8 | 71 | 59 | 52 | 47 | 69 | 59 | 52 | 47 | 57 | 51 | 47 | 56 | 51 | 46 | 55 | 50 | 46 | 55 | 50 | 46 | 45 |
| 9 | 66 | 54 | 47 | 42 | 65 | 54 | 47 | 42 | 53 | 47 | 42 | 52 | 46 | 42 | 51 | 46 | 42 | 51 | 46 | 42 | 40 |
| 10 | 62 | 50 | 43 | 38 | 60 | 50 | 43 | 38 | 49 | 42 | 38 | 48 | 42 | 38 | 47 | 42 | 38 | 47 | 42 | 38 | 36 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° | 135° | 180° |
|-----|--------|-------|------|------|------|
| 0° | 1653 | 1653 | 1653 | 1653 | 1653 |
| 5° | 3596 | 2541 | 1521 | 692 | 501 |
| 10° | 8954 | 4477 | 1067 | 140 | 0 |
| 15° | 62975 | 6133 | 624 | 0 | 0 |
| 20° | 217621 | 10300 | 238 | 0 | 0 |
| 25° | 335454 | 13169 | 95 | 0 | 0 |
| 30° | 385024 | 10182 | 0 | 0 | 0 |
| 35° | 351635 | 3869 | 0 | 0 | 0 |
| 40° | 210814 | 1799 | 0 | 0 | 0 |
| 45° | 51805 | 852 | 0 | 0 | 0 |
| 50° | 5707 | 214 | 0 | 0 | 0 |
| 55° | 811 | 0 | 90 | 0 | 0 |
| 60° | 0 | 0 | 172 | 0 | 0 |
| 65° | 0 | 0 | 204 | 0 | 0 |
| 70° | 0 | 151 | 403 | 0 | 0 |
| 75° | 0 | 200 | 532 | 0 | 0 |
| 80° | 0 | 298 | 793 | 0 | 0 |
| 85° | 0 | 593 | 1581 | 0 | 0 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 1°
 Vertical Angle: 45°
 Luminance: 55239 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 1.1 | 0.4 |
| 10°-20° | 20.9 | 7.8 |
| 20°-30° | 105.9 | 39.5 |
| 30°-40° | 114.5 | 42.7 |
| 40°-50° | 24.2 | 9.0 |
| 50°-60° | 0.7 | 0.3 |
| 60°-70° | 0.2 | 0.1 |
| 70°-80° | 0.3 | 0.1 |
| 80°-90° | 0.2 | 0.1 |
| 90°-100° | 0.0 | 0.0 |
| 100°-110° | 0.0 | 0.0 |
| 110°-120° | 0.0 | 0.0 |
| 120°-130° | 0.0 | 0.0 |
| 130°-140° | 0.0 | 0.0 |
| 140°-150° | 0.0 | 0.0 |
| 150°-160° | 0.0 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-30° | 127.9 | 47.7 |
| 0°-40° | 242.4 | 90.5 |
| 0°-60° | 267.4 | 99.8 |
| 0°-90° | 268.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 268.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0° | 10 | 10 | 10 | 10 | 10 | |
| 5° | 21 | 15 | 9 | 4 | 3 | 3 |
| 15° | 353 | 34 | 4 | 0 | 0 | 147 |
| 25° | 1765 | 69 | 0 | 0 | 0 | 798 |
| 35° | 1672 | 18 | 0 | 0 | 0 | 986 |
| 45° | 213 | 4 | 0 | 0 | 0 | 234 |
| 55° | 3 | 0 | 0 | 0 | 0 | 5 |
| 65° | 0 | 0 | 0 | 0 | 0 | 0 |
| 75° | 0 | 0 | 1 | 0 | 0 | 0 |
| 85° | 0 | 0 | 1 | 0 | 0 | 0 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



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CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 2° | 3° | 4° | 5° | 6° | 7° | 8° | 9° | 10° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 |
| 2.5° | 13.1 | 12.8 | 13.1 | 12.8 | 13.1 | 13.1 | 13.1 | 12.8 | 12.8 | 12.8 | 12.8 |
| 5° | 20.8 | 20.8 | 20.5 | 20.8 | 20.8 | 20.8 | 20.8 | 20.5 | 20.5 | 20.3 | 20.3 |
| 7.5° | 32.8 | 32.8 | 32.5 | 32.5 | 32.8 | 33.1 | 32.0 | 32.5 | 32.5 | 32.5 | 32.3 |
| 10° | 51.2 | 52.2 | 51.2 | 52.5 | 51.4 | 50.6 | 52.0 | 50.6 | 50.6 | 50.4 | 49.6 |
| 12.5° | 129.0 | 126.1 | 124.2 | 119.7 | 124.2 | 120.7 | 121.5 | 120.7 | 118.1 | 114.6 | 112.5 |
| 15° | 353.2 | 353.2 | 342.8 | 356.6 | 346.5 | 350.2 | 331.0 | 331.3 | 321.4 | 310.8 | 304.9 |
| 17.5° | 738.3 | 745.0 | 738.0 | 733.8 | 724.7 | 711.6 | 706.3 | 692.7 | 674.9 | 654.1 | 651.7 |
| 20° | 1187.4 | 1159.4 | 1172.5 | 1160.5 | 1153.0 | 1137.0 | 1119.2 | 1108.0 | 1092.3 | 1065.9 | 1027.0 |
| 21° | 1328.7 | 1327.6 | 1327.3 | 1327.1 | 1316.2 | 1290.0 | 1273.8 | 1251.4 | 1229.3 | 1202.1 | 1169.6 |
| 22° | 1471.0 | 1476.1 | 1478.2 | 1462.7 | 1440.4 | 1428.6 | 1417.4 | 1386.8 | 1351.9 | 1337.7 | 1299.1 |
| 23° | 1601.6 | 1596.8 | 1583.0 | 1575.8 | 1558.4 | 1555.0 | 1521.7 | 1502.2 | 1468.1 | 1452.6 | 1406.8 |
| 24° | 1690.6 | 1688.2 | 1681.8 | 1671.2 | 1657.3 | 1636.0 | 1616.0 | 1585.4 | 1557.4 | 1532.0 | 1489.4 |
| 25° | 1765.3 | 1767.4 | 1755.7 | 1748.5 | 1733.5 | 1709.6 | 1685.0 | 1651.5 | 1625.3 | 1595.7 | 1546.4 |
| 26° | 1839.1 | 1824.2 | 1814.8 | 1804.2 | 1787.9 | 1760.5 | 1736.7 | 1706.6 | 1674.9 | 1641.9 | 1593.6 |
| 27° | 1884.7 | 1871.3 | 1857.2 | 1846.8 | 1828.2 | 1802.0 | 1776.7 | 1743.4 | 1708.0 | 1674.6 | 1625.1 |
| 28° | 1920.7 | 1906.0 | 1892.1 | 1879.6 | 1858.3 | 1830.3 | 1799.9 | 1766.1 | 1729.3 | 1694.9 | 1644.3 |
| 29° | 1942.0 | 1924.7 | 1909.7 | 1895.6 | 1876.1 | 1845.8 | 1815.1 | 1778.9 | 1743.4 | 1707.4 | 1655.7 |
| 30° | 1936.1 | 1921.2 | 1906.8 | 1892.4 | 1872.7 | 1844.2 | 1813.8 | 1779.1 | 1743.4 | 1708.0 | 1655.5 |
| 31° | 1913.2 | 1894.8 | 1884.4 | 1870.0 | 1853.0 | 1823.9 | 1797.8 | 1759.9 | 1727.7 | 1689.3 | 1636.8 |
| 32° | 1869.2 | 1857.5 | 1843.6 | 1832.4 | 1815.9 | 1785.0 | 1759.4 | 1728.5 | 1690.4 | 1658.9 | 1603.7 |
| 33° | 1809.5 | 1798.6 | 1791.7 | 1778.6 | 1762.6 | 1741.3 | 1710.6 | 1682.4 | 1639.5 | 1607.2 | 1552.0 |
| 34° | 1752.5 | 1738.6 | 1721.3 | 1717.6 | 1703.7 | 1676.2 | 1648.5 | 1619.7 | 1581.4 | 1540.3 | 1484.6 |
| 35° | 1672.5 | 1658.1 | 1642.1 | 1643.5 | 1626.9 | 1594.9 | 1566.7 | 1534.4 | 1497.9 | 1449.7 | 1396.9 |
| 36° | 1565.6 | 1556.0 | 1553.6 | 1547.2 | 1528.3 | 1490.2 | 1463.3 | 1422.8 | 1392.1 | 1333.2 | 1287.9 |
| 37° | 1435.3 | 1438.8 | 1421.4 | 1413.2 | 1391.0 | 1364.4 | 1349.2 | 1297.2 | 1261.5 | 1217.3 | 1156.0 |
| 38° | 1303.6 | 1298.6 | 1278.0 | 1283.1 | 1252.7 | 1225.0 | 1182.1 | 1151.2 | 1111.2 | 1070.1 | 1021.1 |
| 39° | 1139.2 | 1126.6 | 1102.1 | 1103.2 | 1080.3 | 1049.1 | 1007.5 | 971.0 | 947.0 | 907.6 | 860.6 |
| 40° | 937.7 | 932.3 | 923.8 | 909.7 | 879.6 | 866.0 | 828.9 | 789.5 | 769.2 | 714.6 | 691.7 |
| 42.5° | 520.3 | 513.1 | 498.7 | 493.6 | 477.6 | 461.6 | 440.0 | 413.7 | 400.9 | 384.6 | 348.4 |
| 45° | 212.7 | 226.8 | 223.4 | 219.4 | 207.1 | 207.9 | 192.4 | 194.3 | 180.2 | 170.6 | 163.9 |
| 47.5° | 46.9 | 50.9 | 51.2 | 49.3 | 51.2 | 49.6 | 48.8 | 47.4 | 47.7 | 48.5 | 46.6 |
| 50° | 21.3 | 21.1 | 21.6 | 21.3 | 21.1 | 20.8 | 20.5 | 19.7 | 20.3 | 19.7 | 19.2 |
| 52.5° | 8.3 | 8.5 | 8.5 | 8.0 | 8.3 | 8.3 | 8.3 | 8.0 | 8.0 | 8.0 | 8.0 |
| 55° | 2.7 | 2.7 | 2.7 | 2.4 | 2.4 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.4 |
| 57.5° | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.5 | 0.5 |
| 60° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 62.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 65° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 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 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 1° | 2° | 3° | 4° | 5° | 6° | 7° | 8° | 9° | 10° |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 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° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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CANDELA DISTRIBUTION (continued):

| | 22.5° | 45° | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|------|-------|-----|--------|------|--------|------|
| 0° | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 |
| 2.5° | 12.3 | 11.2 | 10.4 | 9.6 | 8.0 | 6.7 | 6.1 | 6.1 |
| 5° | 18.9 | 14.7 | 10.9 | 8.8 | 6.1 | 4.0 | 3.2 | 2.9 |
| 7.5° | 28.5 | 19.7 | 11.5 | 7.5 | 4.0 | 2.1 | 1.3 | 1.1 |
| 10° | 41.3 | 25.6 | 12.0 | 6.1 | 2.4 | 0.8 | 0.0 | 0.0 |
| 12.5° | 72.2 | 30.7 | 12.0 | 4.8 | 1.1 | 0.0 | 0.0 | 0.0 |
| 15° | 165.5 | 34.4 | 11.5 | 3.5 | 0.3 | 0.0 | 0.0 | 0.0 |
| 17.5° | 343.8 | 43.2 | 10.1 | 2.4 | 0.0 | 0.0 | 0.0 | 0.0 |
| 20° | 549.1 | 56.2 | 8.0 | 1.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 21° | 633.6 | 60.8 | 7.2 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| 22° | 694.3 | 65.0 | 6.4 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 |
| 23° | 761.2 | 67.7 | 5.6 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| 24° | 810.5 | 69.3 | 4.8 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| 25° | 841.2 | 69.3 | 4.3 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| 26° | 859.3 | 67.7 | 3.7 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 27° | 863.6 | 65.0 | 3.2 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 28° | 858.2 | 61.6 | 2.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 29° | 841.5 | 56.5 | 2.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 30° | 823.3 | 51.2 | 1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 31° | 792.4 | 44.0 | 1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 32° | 756.7 | 36.5 | 1.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 33° | 709.0 | 28.8 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 34° | 638.6 | 22.7 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 35° | 575.4 | 18.4 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 36° | 492.8 | 14.7 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 37° | 422.2 | 12.3 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 38° | 353.4 | 10.4 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 39° | 286.8 | 9.1 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 40° | 228.7 | 8.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 42.5° | 123.4 | 5.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 45° | 68.2 | 3.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 47.5° | 30.1 | 1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 50° | 10.1 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 52.5° | 5.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 55° | 2.4 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 57.5° | 0.5 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 60° | 0.0 | 0.0 | 0.3 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| 62.5° | 0.0 | 0.0 | 0.3 | 0.5 | 0.3 | 0.0 | 0.0 | 0.0 |
| 65° | 0.0 | 0.0 | 0.5 | 0.5 | 0.3 | 0.0 | 0.0 | 0.0 |
| 67.5° | 0.0 | 0.3 | 0.5 | 0.8 | 0.3 | 0.0 | 0.0 | 0.0 |
| 70° | 0.0 | 0.3 | 0.5 | 0.8 | 0.3 | 0.0 | 0.0 | 0.0 |
| 72.5° | 0.0 | 0.3 | 0.5 | 0.8 | 0.3 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 0.3 | 0.5 | 0.8 | 0.3 | 0.0 | 0.0 | 0.0 |
| 77.5° | 0.0 | 0.3 | 0.5 | 0.8 | 0.3 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.3 | 0.5 | 0.8 | 0.3 | 0.0 | 0.0 | 0.0 |



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CANDELA DISTRIBUTION (continued):

| | 22.5° | 45° | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|-------|-----|--------|------|--------|------|
| 82.5° | 0.0 | 0.3 | 0.5 | 0.8 | 0.3 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.3 | 0.5 | 0.8 | 0.3 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.3 | 0.5 | 0.8 | 0.3 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)