

Scaled data based on original data using

LM-41-14 Approved Method for Photometric Testing Of Indoor Fluorescent Luminaires

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: PORTFOLIO

Report Number: P252479

Luminaire Tested: **LE\_6B30D010 EC6B30508027 6LBLWW1H**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-41-14  
Report Number: P252479  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-1712-453-6)  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LE\_6B30D010 EC6B30508027 6LBLWW1H  
Description: PORTFOLIO 6 INCH LENS WALLWASH RECESSED DOWNLIGHT, WITH HAZE TRIM  
Light Source: (1) HIGH LUMEN LED 80CRI / 2700K CCT  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3000.0 lumens  
Efficiency: N/A  
Efficacy: 107.1 lumens/watt  
Spacing Criteria (0/90/45): 1.1 / 1.02 / 1.12  
Luminous Opening: Circular (Dia: 0.46' x H: 0')  
CIE Type: Direct

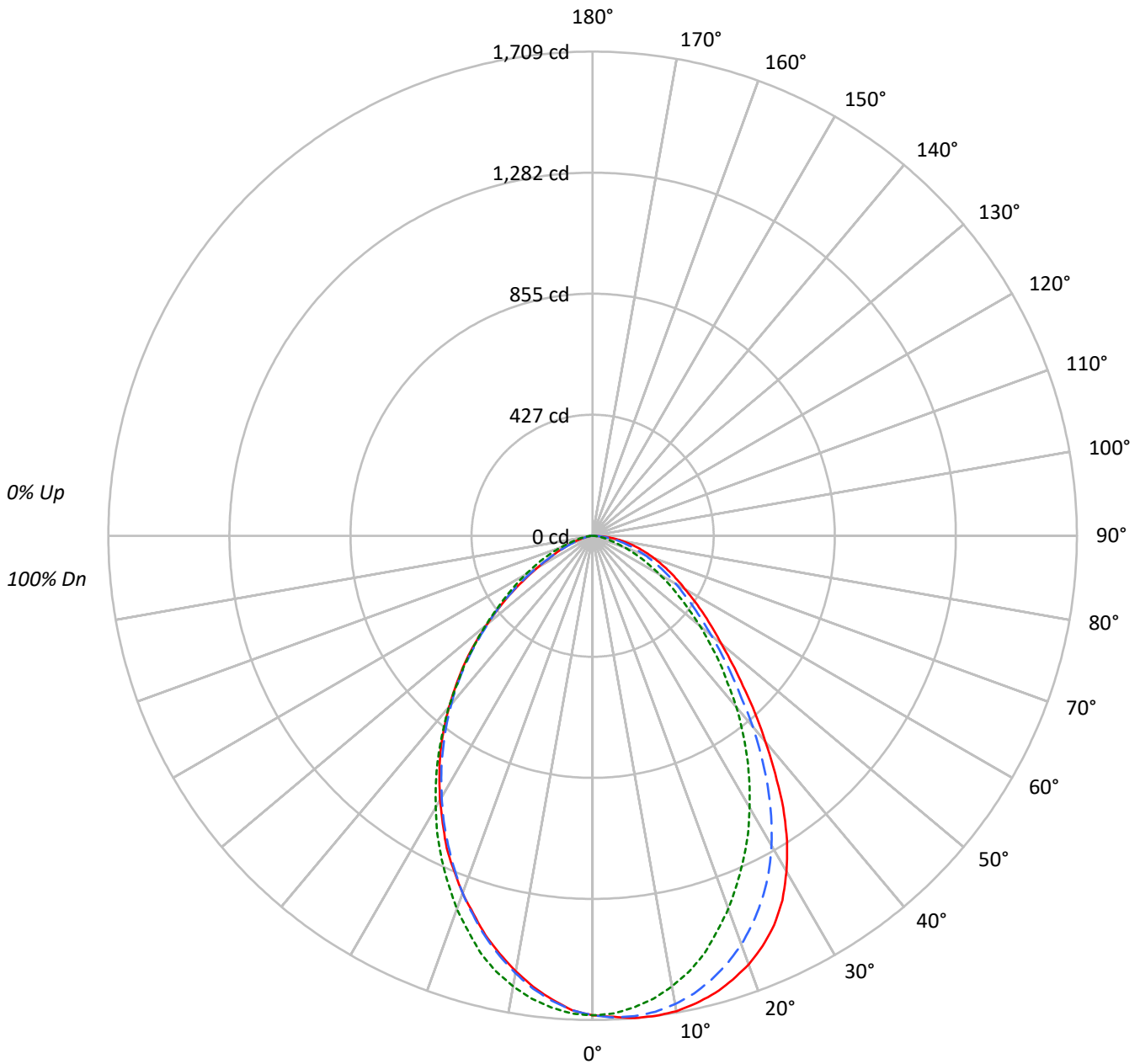
Input Watts (W): 28  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Luminous Intensity Polar Plot





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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 | 100 |    |    | 100 |
| 1   | 111 | 107 | 103 | 100 | 108 | 105 | 101 | 99  | 100 | 98  | 96  | 97  | 95  | 93  | 93  | 91  | 90  | 88  |    |    | 88  |
| 2   | 103 | 96  | 90  | 85  | 100 | 94  | 89  | 84  | 90  | 86  | 82  | 87  | 84  | 80  | 84  | 81  | 79  | 77  |    |    | 77  |
| 3   | 95  | 86  | 79  | 73  | 93  | 84  | 78  | 73  | 81  | 76  | 71  | 79  | 74  | 70  | 76  | 72  | 69  | 67  |    |    | 67  |
| 4   | 88  | 78  | 70  | 64  | 86  | 76  | 69  | 64  | 74  | 68  | 63  | 72  | 66  | 62  | 70  | 65  | 61  | 59  |    |    | 59  |
| 5   | 82  | 70  | 62  | 57  | 80  | 69  | 62  | 56  | 67  | 61  | 56  | 65  | 60  | 55  | 64  | 59  | 55  | 53  |    |    | 53  |
| 6   | 76  | 64  | 56  | 51  | 74  | 63  | 56  | 50  | 62  | 55  | 50  | 60  | 54  | 50  | 59  | 53  | 49  | 47  |    |    | 47  |
| 7   | 71  | 59  | 51  | 46  | 69  | 58  | 51  | 45  | 57  | 50  | 45  | 55  | 49  | 45  | 54  | 49  | 45  | 43  |    |    | 43  |
| 8   | 67  | 54  | 47  | 41  | 65  | 54  | 46  | 41  | 52  | 46  | 41  | 51  | 45  | 41  | 50  | 45  | 41  | 39  |    |    | 39  |
| 9   | 63  | 50  | 43  | 38  | 61  | 50  | 43  | 38  | 49  | 42  | 37  | 48  | 42  | 37  | 47  | 41  | 37  | 35  |    |    | 35  |
| 10  | 59  | 47  | 39  | 35  | 58  | 46  | 39  | 35  | 45  | 39  | 34  | 44  | 38  | 34  | 44  | 38  | 34  | 33  |    |    | 33  |

**AVERAGE LUMINANCE (cd/sqm):**

|     | 0°     | 90°    | 180°   |
|-----|--------|--------|--------|
| 0°  | 110420 | 110420 | 110420 |
| 5°  | 111916 | 109447 | 107606 |
| 10° | 112898 | 106982 | 103398 |
| 15° | 112876 | 103035 | 98598  |
| 20° | 111785 | 97268  | 93186  |
| 25° | 109137 | 90694  | 87649  |
| 30° | 103056 | 83402  | 81104  |
| 35° | 93423  | 75630  | 74698  |
| 40° | 80669  | 67264  | 67068  |
| 45° | 69189  | 58551  | 58994  |
| 50° | 60126  | 50099  | 49388  |
| 55° | 54017  | 42244  | 39571  |
| 60° | 49074  | 35569  | 29123  |
| 65° | 46080  | 29393  | 21396  |
| 70° | 43949  | 22871  | 15680  |
| 75° | 42071  | 16611  | 10637  |
| 80° | 39750  | 11459  | 7063   |
| 85° | 35182  | 7036   | 3593   |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 158.3  | 5.3       |
| 10°-20°   | 433.6  | 14.5      |
| 20°-30°   | 602.0  | 20.1      |
| 30°-40°   | 623.5  | 20.8      |
| 40°-50°   | 512.4  | 17.1      |
| 50°-60°   | 352.1  | 11.7      |
| 60°-70°   | 202.4  | 6.7       |
| 70°-80°   | 93.1   | 3.1       |
| 80°-90°   | 22.7   | 0.8       |
| 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°    | 1193.9 | 39.8      |
| 0°-40°    | 1817.4 | 60.6      |
| 0°-60°    | 2681.9 | 89.4      |
| 0°-90°    | 3000.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 3000.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45°  | 90°  | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 1692 | 1692 | 1692 | 1692 | 1692 |      |
| 5°  | 1709 | 1702 | 1671 | 1648 | 1643 | 163  |
| 15° | 1671 | 1622 | 1526 | 1464 | 1460 | 471  |
| 25° | 1516 | 1415 | 1260 | 1206 | 1218 | 694  |
| 35° | 1173 | 1077 | 950  | 922  | 938  | 727  |
| 45° | 750  | 693  | 635  | 628  | 639  | 584  |
| 55° | 475  | 430  | 371  | 350  | 348  | 427  |
| 65° | 298  | 261  | 190  | 134  | 139  | 297  |
| 75° | 167  | 132  | 66   | 42   | 42   | 176  |
| 85° | 47   | 33   | 9    | 5    | 5    | 53   |
| 90° | 0    | 0    | 0    | 0    | 0    |      |



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1692.5 | 1692.5 | 1692.5 | 1692.5 | 1692.5 | 1692.5 | 1692.5 | 1692.5 | 1692.5 | 1692.5 | 1692.5 |
| 2.5°  | 1699.5 | 1713.6 | 1704.2 | 1701.9 | 1706.5 | 1706.5 | 1706.5 | 1699.5 | 1704.2 | 1697.1 | 1701.9 |
| 5°    | 1708.9 | 1720.6 | 1711.2 | 1706.5 | 1711.2 | 1713.6 | 1706.5 | 1701.9 | 1708.9 | 1699.5 | 1701.9 |
| 7.5°  | 1708.9 | 1720.6 | 1711.2 | 1708.9 | 1711.2 | 1711.2 | 1708.9 | 1699.5 | 1704.2 | 1694.8 | 1694.8 |
| 10°   | 1704.2 | 1713.6 | 1704.2 | 1699.5 | 1701.9 | 1699.5 | 1699.5 | 1687.8 | 1690.1 | 1678.4 | 1678.4 |
| 12.5° | 1690.1 | 1701.9 | 1690.1 | 1685.4 | 1685.4 | 1685.4 | 1678.4 | 1669.0 | 1671.2 | 1657.1 | 1654.9 |
| 15°   | 1671.2 | 1680.8 | 1669.0 | 1664.2 | 1664.2 | 1661.9 | 1657.1 | 1643.1 | 1643.1 | 1629.0 | 1621.9 |
| 17.5° | 1643.1 | 1652.5 | 1643.1 | 1636.0 | 1633.6 | 1629.0 | 1624.2 | 1610.1 | 1605.5 | 1589.0 | 1582.0 |
| 20°   | 1610.1 | 1617.2 | 1607.9 | 1600.8 | 1596.1 | 1591.4 | 1582.0 | 1567.9 | 1563.1 | 1546.8 | 1535.0 |
| 22.5° | 1567.9 | 1577.2 | 1563.1 | 1556.1 | 1551.4 | 1544.4 | 1535.0 | 1520.9 | 1513.8 | 1492.6 | 1478.5 |
| 25°   | 1516.1 | 1520.9 | 1509.1 | 1502.0 | 1492.6 | 1488.0 | 1480.9 | 1462.1 | 1455.0 | 1431.5 | 1415.1 |
| 27.5° | 1450.4 | 1455.0 | 1440.9 | 1436.2 | 1424.5 | 1419.8 | 1410.4 | 1393.9 | 1384.5 | 1361.0 | 1344.5 |
| 30°   | 1368.0 | 1372.8 | 1363.4 | 1356.2 | 1346.9 | 1337.5 | 1330.5 | 1314.0 | 1299.9 | 1276.4 | 1262.2 |
| 32.5° | 1276.4 | 1283.4 | 1274.0 | 1264.6 | 1248.1 | 1250.5 | 1238.8 | 1222.4 | 1210.6 | 1189.4 | 1173.0 |
| 35°   | 1173.0 | 1177.6 | 1165.9 | 1163.5 | 1154.1 | 1144.8 | 1133.0 | 1121.2 | 1114.2 | 1090.6 | 1076.6 |
| 37.5° | 1057.8 | 1069.5 | 1057.8 | 1048.4 | 1043.6 | 1036.6 | 1029.6 | 1013.1 | 1008.4 | 994.2  | 975.5  |
| 40°   | 947.2  | 954.4  | 947.2  | 937.9  | 930.9  | 930.9  | 921.5  | 912.0  | 900.2  | 886.1  | 879.1  |
| 42.5° | 848.6  | 843.9  | 841.5  | 836.9  | 827.4  | 825.1  | 822.8  | 811.0  | 803.9  | 789.8  | 778.0  |
| 45°   | 749.9  | 752.2  | 747.5  | 745.1  | 738.1  | 733.4  | 728.8  | 719.2  | 717.0  | 702.9  | 693.4  |
| 47.5° | 667.6  | 665.2  | 660.5  | 660.5  | 655.9  | 651.1  | 646.4  | 639.4  | 637.0  | 625.2  | 615.9  |
| 50°   | 592.4  | 594.8  | 592.4  | 590.0  | 583.0  | 580.6  | 575.9  | 571.2  | 566.5  | 554.8  | 545.4  |
| 52.5° | 531.2  | 528.9  | 526.5  | 526.5  | 519.5  | 517.1  | 512.4  | 507.8  | 503.0  | 491.2  | 484.2  |
| 55°   | 474.9  | 474.9  | 472.5  | 470.1  | 463.1  | 460.8  | 458.4  | 453.6  | 446.6  | 437.2  | 430.1  |
| 57.5° | 423.1  | 423.1  | 420.8  | 418.4  | 413.8  | 413.8  | 409.0  | 404.2  | 399.6  | 390.2  | 380.8  |
| 60°   | 376.1  | 378.5  | 376.1  | 373.8  | 369.0  | 369.0  | 366.8  | 359.6  | 357.2  | 345.5  | 338.5  |
| 62.5° | 336.1  | 336.1  | 336.1  | 333.8  | 331.4  | 326.8  | 326.8  | 319.6  | 315.0  | 307.9  | 298.5  |
| 65°   | 298.5  | 298.5  | 298.5  | 296.1  | 291.5  | 289.1  | 286.8  | 282.1  | 277.4  | 270.4  | 260.9  |
| 67.5° | 263.2  | 263.2  | 263.2  | 260.9  | 256.2  | 253.9  | 251.5  | 249.1  | 242.1  | 235.0  | 225.6  |
| 70°   | 230.4  | 230.4  | 228.0  | 225.6  | 223.2  | 221.0  | 218.6  | 213.9  | 209.2  | 199.8  | 192.8  |
| 72.5° | 197.5  | 197.5  | 197.5  | 192.8  | 190.4  | 190.4  | 185.8  | 183.4  | 178.6  | 169.2  | 162.2  |
| 75°   | 166.9  | 164.5  | 164.5  | 162.2  | 159.9  | 157.5  | 155.1  | 152.8  | 145.8  | 141.0  | 131.6  |
| 77.5° | 136.4  | 136.4  | 134.0  | 131.6  | 131.6  | 129.2  | 126.9  | 122.2  | 119.9  | 112.9  | 105.8  |
| 80°   | 105.8  | 105.8  | 105.8  | 105.8  | 103.4  | 101.1  | 101.1  | 96.4   | 94.0   | 87.0   | 82.2   |
| 82.5° | 79.9   | 77.6   | 77.6   | 77.6   | 75.2   | 72.9   | 72.9   | 70.5   | 68.1   | 63.5   | 58.8   |
| 85°   | 47.0   | 44.6   | 44.6   | 44.6   | 42.2   | 42.2   | 40.0   | 40.0   | 37.6   | 32.9   | 32.9   |
| 87.5° | 14.1   | 14.1   | 16.5   | 16.5   | 14.1   | 14.1   | 14.1   | 14.1   | 14.1   | 11.8   | 11.8   |
| 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):**

|       | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1692.5 | 1692.5 | 1692.5 | 1692.5 | 1692.5 | 1692.5 | 1692.5 | 1692.5 | 1692.5 | 1692.5 | 1692.5 |
| 2.5°  | 1697.1 | 1704.2 | 1694.8 | 1692.5 | 1701.9 | 1697.1 | 1694.8 | 1690.1 | 1692.5 | 1687.8 | 1680.8 |
| 5°    | 1694.8 | 1704.2 | 1692.5 | 1685.4 | 1697.1 | 1690.1 | 1685.4 | 1680.8 | 1680.8 | 1671.2 | 1666.6 |
| 7.5°  | 1687.8 | 1692.5 | 1680.8 | 1673.6 | 1680.8 | 1673.6 | 1669.0 | 1661.9 | 1659.5 | 1647.8 | 1640.8 |
| 10°   | 1669.0 | 1673.6 | 1659.5 | 1650.1 | 1657.1 | 1647.8 | 1640.8 | 1633.6 | 1629.0 | 1614.9 | 1605.5 |
| 12.5° | 1643.1 | 1645.4 | 1629.0 | 1617.2 | 1621.9 | 1614.9 | 1603.1 | 1593.8 | 1589.0 | 1574.9 | 1563.1 |
| 15°   | 1607.9 | 1610.1 | 1591.4 | 1574.9 | 1579.6 | 1570.2 | 1556.1 | 1546.8 | 1539.6 | 1525.5 | 1509.1 |
| 17.5° | 1565.5 | 1563.1 | 1542.0 | 1525.5 | 1527.9 | 1516.1 | 1502.0 | 1488.0 | 1478.5 | 1462.1 | 1450.4 |
| 20°   | 1518.5 | 1511.5 | 1488.0 | 1469.1 | 1471.5 | 1457.4 | 1440.9 | 1426.9 | 1415.1 | 1401.0 | 1384.5 |
| 22.5° | 1459.8 | 1450.4 | 1429.1 | 1405.6 | 1408.0 | 1396.2 | 1372.8 | 1361.0 | 1349.2 | 1330.5 | 1316.4 |
| 25°   | 1396.2 | 1382.1 | 1361.0 | 1337.5 | 1337.5 | 1323.4 | 1304.6 | 1290.5 | 1278.8 | 1259.9 | 1243.5 |
| 27.5° | 1321.0 | 1314.0 | 1285.8 | 1267.0 | 1264.6 | 1250.5 | 1234.1 | 1217.6 | 1203.5 | 1187.0 | 1170.6 |
| 30°   | 1238.8 | 1227.0 | 1205.9 | 1184.8 | 1180.0 | 1168.2 | 1151.8 | 1133.0 | 1123.6 | 1107.1 | 1093.0 |
| 32.5° | 1151.8 | 1140.0 | 1116.5 | 1095.4 | 1093.0 | 1083.6 | 1069.5 | 1050.8 | 1041.4 | 1029.6 | 1020.1 |
| 35°   | 1053.1 | 1048.4 | 1024.9 | 1008.4 | 1008.4 | 999.0  | 984.9  | 968.5  | 961.4  | 949.6  | 937.9  |
| 37.5° | 959.0  | 952.0  | 930.9  | 916.8  | 916.8  | 905.0  | 890.9  | 883.9  | 876.8  | 867.4  | 860.4  |
| 40°   | 860.4  | 855.6  | 839.1  | 825.1  | 827.4  | 818.0  | 808.6  | 799.2  | 794.5  | 789.8  | 782.8  |
| 42.5° | 768.6  | 764.0  | 752.2  | 740.5  | 740.5  | 733.4  | 724.0  | 717.0  | 712.2  | 705.1  | 702.9  |
| 45°   | 686.4  | 679.4  | 669.9  | 658.1  | 658.1  | 651.1  | 646.4  | 641.8  | 639.4  | 634.6  | 627.6  |
| 47.5° | 606.5  | 601.8  | 592.4  | 580.6  | 580.6  | 580.6  | 571.2  | 564.1  | 564.1  | 559.5  | 557.1  |
| 50°   | 538.2  | 531.2  | 524.2  | 514.8  | 514.8  | 510.1  | 503.0  | 496.0  | 496.0  | 493.6  | 488.9  |
| 52.5° | 474.9  | 470.1  | 460.8  | 451.4  | 451.4  | 446.6  | 439.6  | 437.2  | 434.9  | 427.8  | 425.5  |
| 55°   | 420.8  | 416.0  | 409.0  | 397.2  | 394.9  | 392.5  | 385.5  | 380.8  | 378.5  | 371.4  | 371.4  |
| 57.5° | 371.4  | 366.8  | 355.0  | 347.9  | 345.5  | 340.9  | 333.8  | 329.1  | 326.8  | 322.0  | 317.4  |
| 60°   | 329.1  | 322.0  | 312.6  | 303.2  | 300.9  | 296.1  | 289.1  | 284.4  | 282.1  | 272.6  | 268.0  |
| 62.5° | 289.1  | 282.1  | 272.6  | 263.2  | 260.9  | 256.2  | 246.9  | 242.1  | 237.4  | 228.0  | 223.2  |
| 65°   | 251.5  | 244.5  | 235.0  | 225.6  | 221.0  | 218.6  | 209.2  | 202.1  | 197.5  | 190.4  | 181.0  |
| 67.5° | 216.2  | 209.2  | 199.8  | 188.0  | 188.0  | 181.0  | 174.0  | 166.9  | 159.9  | 152.8  | 145.8  |
| 70°   | 183.4  | 176.2  | 166.9  | 157.5  | 155.1  | 150.5  | 143.4  | 134.0  | 129.2  | 119.9  | 112.9  |
| 72.5° | 152.8  | 145.8  | 136.4  | 126.9  | 124.6  | 119.9  | 112.9  | 103.4  | 96.4   | 89.4   | 82.2   |
| 75°   | 124.6  | 117.5  | 108.1  | 101.1  | 98.8   | 94.0   | 87.0   | 77.6   | 70.5   | 65.9   | 58.8   |
| 77.5° | 98.8   | 91.6   | 84.6   | 77.6   | 75.2   | 70.5   | 63.5   | 58.8   | 51.8   | 47.0   | 40.0   |
| 80°   | 75.2   | 70.5   | 63.5   | 58.8   | 56.4   | 51.8   | 47.0   | 40.0   | 35.2   | 30.5   | 28.2   |
| 82.5° | 54.1   | 49.4   | 44.6   | 37.6   | 37.6   | 32.9   | 30.5   | 25.9   | 21.1   | 18.8   | 16.5   |
| 85°   | 30.5   | 25.9   | 23.5   | 21.1   | 18.8   | 18.8   | 16.5   | 14.1   | 11.8   | 9.4    | 9.4    |
| 87.5° | 9.4    | 9.4    | 7.0    | 7.0    | 7.0    | 7.0    | 4.8    | 4.8    | 4.8    | 4.8    | 4.8    |
| 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):**

|       | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1692.5 | 1692.5 | 1692.5 | 1692.5 | 1692.5 | 1692.5 | 1692.5 | 1692.5 | 1692.5 | 1692.5 | 1692.5 |
| 2.5°  | 1680.8 | 1683.0 | 1678.4 | 1683.0 | 1678.4 | 1680.8 | 1676.0 | 1680.8 | 1676.0 | 1680.8 | 1671.2 |
| 5°    | 1664.2 | 1664.2 | 1657.1 | 1661.9 | 1657.1 | 1659.5 | 1650.1 | 1652.5 | 1647.8 | 1652.5 | 1643.1 |
| 7.5°  | 1636.0 | 1638.4 | 1626.6 | 1631.4 | 1624.2 | 1624.2 | 1617.2 | 1619.6 | 1612.5 | 1614.9 | 1607.9 |
| 10°   | 1603.1 | 1600.8 | 1589.0 | 1593.8 | 1584.4 | 1584.4 | 1577.2 | 1577.2 | 1567.9 | 1570.2 | 1560.8 |
| 12.5° | 1556.1 | 1553.8 | 1539.6 | 1544.4 | 1535.0 | 1535.0 | 1527.9 | 1527.9 | 1518.5 | 1523.2 | 1513.8 |
| 15°   | 1502.0 | 1499.8 | 1485.6 | 1488.0 | 1478.5 | 1478.5 | 1469.1 | 1471.5 | 1464.4 | 1469.1 | 1459.8 |
| 17.5° | 1440.9 | 1438.6 | 1424.5 | 1426.9 | 1415.1 | 1417.4 | 1410.4 | 1408.0 | 1403.4 | 1405.6 | 1398.6 |
| 20°   | 1377.5 | 1372.8 | 1358.6 | 1361.0 | 1356.2 | 1349.2 | 1344.5 | 1346.9 | 1342.2 | 1346.9 | 1339.9 |
| 22.5° | 1311.6 | 1302.2 | 1290.5 | 1290.5 | 1285.8 | 1285.8 | 1278.8 | 1283.4 | 1274.0 | 1281.1 | 1276.4 |
| 25°   | 1236.4 | 1229.4 | 1220.0 | 1224.6 | 1215.2 | 1215.2 | 1208.2 | 1210.6 | 1205.9 | 1210.6 | 1205.9 |
| 27.5° | 1163.5 | 1158.9 | 1144.8 | 1149.5 | 1142.4 | 1144.8 | 1137.8 | 1140.0 | 1137.8 | 1142.4 | 1137.8 |
| 30°   | 1086.0 | 1083.6 | 1074.2 | 1074.2 | 1071.9 | 1069.5 | 1067.1 | 1067.1 | 1064.9 | 1071.9 | 1067.1 |
| 32.5° | 1013.1 | 1006.1 | 996.6  | 1003.8 | 992.0  | 999.0  | 994.2  | 999.0  | 994.2  | 999.0  | 996.6  |
| 35°   | 937.9  | 935.5  | 923.8  | 926.1  | 923.8  | 923.8  | 921.5  | 921.5  | 921.5  | 928.5  | 928.5  |
| 37.5° | 858.0  | 855.6  | 848.6  | 850.9  | 846.2  | 843.9  | 843.9  | 848.6  | 848.6  | 853.2  | 853.2  |
| 40°   | 780.4  | 782.8  | 775.8  | 775.8  | 773.4  | 773.4  | 773.4  | 778.0  | 775.8  | 780.4  | 778.0  |
| 42.5° | 702.9  | 702.9  | 695.8  | 698.1  | 695.8  | 698.1  | 698.1  | 702.9  | 702.9  | 705.1  | 702.9  |
| 45°   | 630.0  | 630.0  | 627.6  | 630.0  | 625.2  | 627.6  | 625.2  | 630.0  | 627.6  | 630.0  | 630.0  |
| 47.5° | 557.1  | 557.1  | 557.1  | 554.8  | 554.8  | 554.8  | 554.8  | 554.8  | 552.4  | 557.1  | 554.8  |
| 50°   | 488.9  | 491.2  | 488.9  | 488.9  | 486.6  | 488.9  | 486.6  | 486.6  | 481.9  | 484.2  | 484.2  |
| 52.5° | 427.8  | 427.8  | 423.1  | 423.1  | 423.1  | 420.8  | 420.8  | 420.8  | 418.4  | 418.4  | 413.8  |
| 55°   | 369.0  | 369.0  | 364.4  | 364.4  | 362.0  | 359.6  | 357.2  | 357.2  | 350.2  | 350.2  | 343.2  |
| 57.5° | 315.0  | 312.6  | 305.6  | 305.6  | 300.9  | 298.5  | 296.1  | 293.9  | 289.1  | 284.4  | 282.1  |
| 60°   | 265.6  | 260.9  | 256.2  | 253.9  | 249.1  | 244.5  | 239.8  | 235.0  | 230.4  | 228.0  | 225.6  |
| 62.5° | 218.6  | 211.5  | 206.9  | 204.5  | 199.8  | 192.8  | 188.0  | 183.4  | 178.6  | 176.2  | 171.6  |
| 65°   | 176.2  | 169.2  | 162.2  | 159.9  | 155.1  | 150.5  | 143.4  | 138.6  | 134.0  | 131.6  | 131.6  |
| 67.5° | 138.6  | 131.6  | 122.2  | 122.2  | 117.5  | 112.9  | 108.1  | 103.4  | 101.1  | 103.4  | 103.4  |
| 70°   | 103.4  | 98.8   | 91.6   | 89.4   | 84.6   | 79.9   | 77.6   | 77.6   | 77.6   | 79.9   | 77.6   |
| 72.5° | 77.6   | 70.5   | 65.9   | 63.5   | 61.1   | 58.8   | 58.8   | 58.8   | 56.4   | 58.8   | 58.8   |
| 75°   | 54.1   | 49.4   | 44.6   | 44.6   | 42.2   | 42.2   | 42.2   | 42.2   | 42.2   | 42.2   | 42.2   |
| 77.5° | 37.6   | 32.9   | 30.5   | 30.5   | 30.5   | 28.2   | 28.2   | 28.2   | 28.2   | 28.2   | 28.2   |
| 80°   | 23.5   | 23.5   | 21.1   | 21.1   | 18.8   | 18.8   | 18.8   | 18.8   | 18.8   | 18.8   | 18.8   |
| 82.5° | 14.1   | 14.1   | 11.8   | 11.8   | 11.8   | 11.8   | 11.8   | 11.8   | 11.8   | 11.8   | 11.8   |
| 85°   | 7.0    | 7.0    | 7.0    | 7.0    | 7.0    | 4.8    | 4.8    | 4.8    | 4.8    | 4.8    | 4.8    |
| 87.5° | 2.4    | 2.4    | 2.4    | 2.4    | 2.4    | 4.8    | 4.8    | 4.8    | 4.8    | 4.8    | 4.8    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |





TEST NUMBER: P252479

CATALOG NUMBER: LE\_6B30D010 EC6B30508027 6LBLWW1H

**CANDELA DISTRIBUTION (continued):**

|       | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1692.5 | 1692.5 | 1692.5 | 1692.5 | 1692.5 | 1692.5 | 1692.5 | 1692.5 |
| 2.5°  | 1671.2 | 1678.4 | 1669.0 | 1676.0 | 1673.6 | 1671.2 | 1666.6 | 1676.0 |
| 5°    | 1643.1 | 1645.4 | 1636.0 | 1645.4 | 1643.1 | 1638.4 | 1633.6 | 1643.1 |
| 7.5°  | 1603.1 | 1610.1 | 1598.4 | 1607.9 | 1605.5 | 1600.8 | 1596.1 | 1605.5 |
| 10°   | 1558.5 | 1565.5 | 1556.1 | 1563.1 | 1563.1 | 1558.5 | 1551.4 | 1560.8 |
| 12.5° | 1509.1 | 1513.8 | 1504.4 | 1513.8 | 1511.5 | 1506.8 | 1504.4 | 1511.5 |
| 15°   | 1455.0 | 1462.1 | 1452.6 | 1459.8 | 1457.4 | 1455.0 | 1452.6 | 1459.8 |
| 17.5° | 1396.2 | 1403.4 | 1396.2 | 1403.4 | 1403.4 | 1396.2 | 1393.9 | 1398.6 |
| 20°   | 1337.5 | 1342.2 | 1335.1 | 1342.2 | 1339.9 | 1339.9 | 1335.1 | 1342.2 |
| 22.5° | 1271.6 | 1278.8 | 1274.0 | 1278.8 | 1276.4 | 1276.4 | 1274.0 | 1278.8 |
| 25°   | 1205.9 | 1212.9 | 1205.9 | 1212.9 | 1210.6 | 1210.6 | 1205.9 | 1217.6 |
| 27.5° | 1140.0 | 1144.8 | 1137.8 | 1147.1 | 1144.8 | 1140.0 | 1142.4 | 1144.8 |
| 30°   | 1069.5 | 1074.2 | 1069.5 | 1076.6 | 1076.6 | 1076.6 | 1071.9 | 1076.6 |
| 32.5° | 999.0  | 1006.1 | 999.0  | 1006.1 | 1003.8 | 1003.8 | 1001.4 | 1006.1 |
| 35°   | 928.5  | 930.9  | 926.1  | 933.2  | 933.2  | 935.5  | 930.9  | 937.9  |
| 37.5° | 855.6  | 858.0  | 855.6  | 858.0  | 862.6  | 855.6  | 860.4  | 862.6  |
| 40°   | 780.4  | 785.1  | 782.8  | 785.1  | 785.1  | 787.5  | 785.1  | 787.5  |
| 42.5° | 705.1  | 709.9  | 705.1  | 712.2  | 709.9  | 709.9  | 712.2  | 712.2  |
| 45°   | 627.6  | 634.6  | 630.0  | 634.6  | 637.0  | 634.6  | 634.6  | 639.4  |
| 47.5° | 554.8  | 559.5  | 557.1  | 559.5  | 559.5  | 559.5  | 559.5  | 564.1  |
| 50°   | 481.9  | 484.2  | 484.2  | 486.6  | 486.6  | 488.9  | 484.2  | 486.6  |
| 52.5° | 409.0  | 413.8  | 413.8  | 413.8  | 411.4  | 413.8  | 413.8  | 413.8  |
| 55°   | 343.2  | 345.5  | 340.9  | 345.5  | 345.5  | 343.2  | 343.2  | 347.9  |
| 57.5° | 279.8  | 279.8  | 279.8  | 279.8  | 279.8  | 277.4  | 279.8  | 279.8  |
| 60°   | 221.0  | 223.2  | 221.0  | 221.0  | 221.0  | 221.0  | 218.6  | 223.2  |
| 62.5° | 171.6  | 171.6  | 169.2  | 171.6  | 171.6  | 171.6  | 174.0  | 174.0  |
| 65°   | 134.0  | 136.4  | 134.0  | 136.4  | 136.4  | 136.4  | 136.4  | 138.6  |
| 67.5° | 105.8  | 105.8  | 105.8  | 105.8  | 105.8  | 105.8  | 105.8  | 105.8  |
| 70°   | 79.9   | 79.9   | 79.9   | 82.2   | 79.9   | 79.9   | 79.9   | 82.2   |
| 72.5° | 58.8   | 58.8   | 58.8   | 58.8   | 58.8   | 58.8   | 61.1   | 61.1   |
| 75°   | 42.2   | 42.2   | 42.2   | 42.2   | 42.2   | 42.2   | 42.2   | 42.2   |
| 77.5° | 28.2   | 28.2   | 28.2   | 30.5   | 28.2   | 30.5   | 28.2   | 28.2   |
| 80°   | 18.8   | 18.8   | 18.8   | 18.8   | 18.8   | 18.8   | 18.8   | 18.8   |
| 82.5° | 11.8   | 11.8   | 11.8   | 11.8   | 11.8   | 11.8   | 11.8   | 11.8   |
| 85°   | 4.8    | 4.8    | 4.8    | 4.8    | 4.8    | 4.8    | 4.8    | 4.8    |
| 87.5° | 4.8    | 4.8    | 4.8    | 4.8    | 2.4    | 2.4    | 2.4    | 2.4    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



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















(END OF REPORT)