

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: PORTFOLIO

Report Number: P684176

Luminaire Tested: **LX6C30D010 EX6C309027 6LCSWH**

Issue Date: 2/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P684176  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P252284)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/15/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LX6C30D010 EX6C309027 6LCSWH  
Description: 6 INCH 3000 LUMEN PORTFOLIO LED DOWNLIGHT WITH, 2700K, 90CRI LEDS  
AND 6LCSW TRIM WITH H FINISH  
Light Source: -  
Ballast/Driver: -

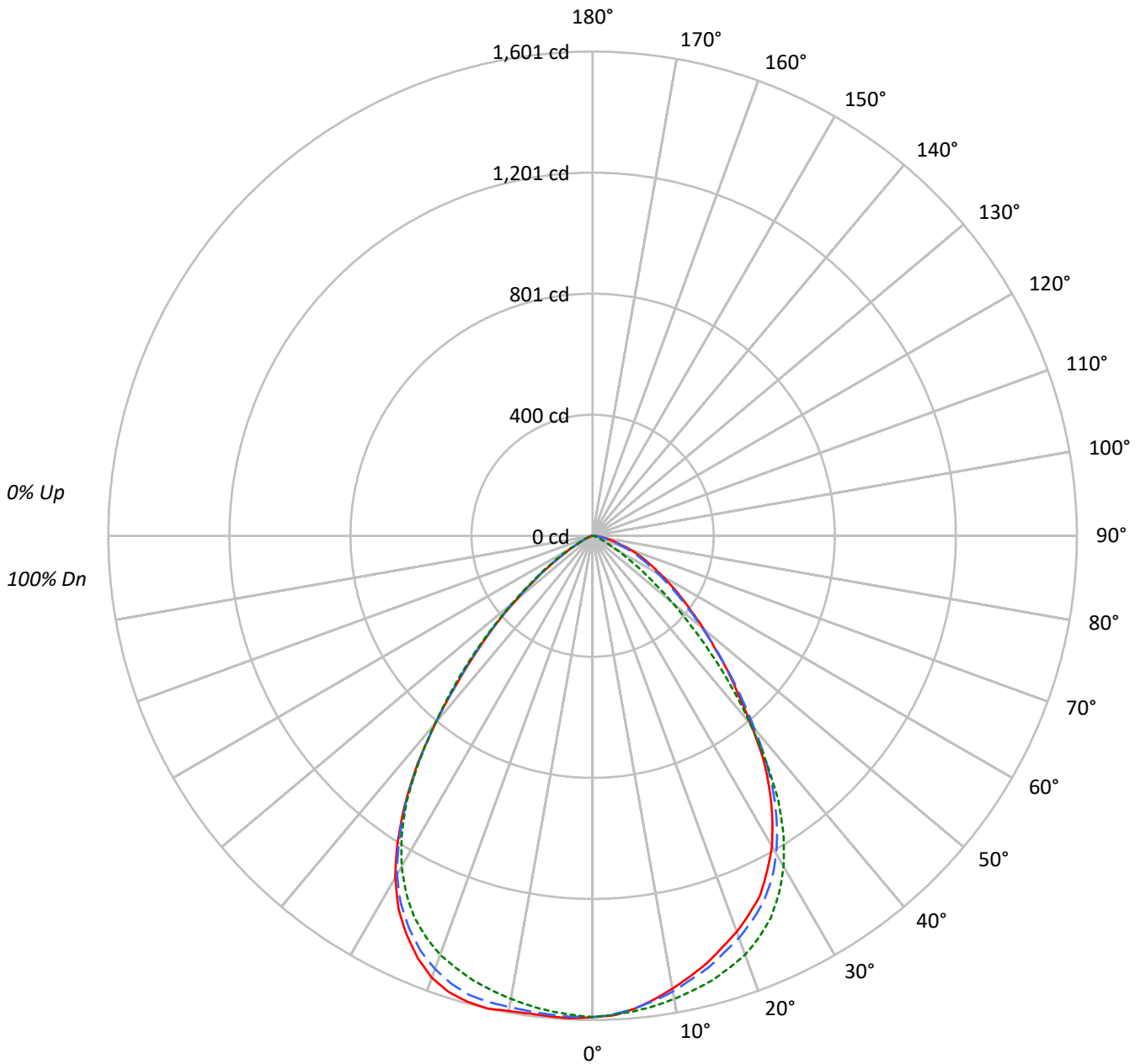
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2670.0 lumens  
Efficiency: N/A  
Efficacy: 84.5 lumens/watt  
Spacing Criteria (0/90/45): 1.17 / 1.18 / 1.16  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 31.6  
Input Voltage (V):  
Input Current (A<sub>in</sub>): 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  |     |
| 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   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |
| 1   | 112 | 108 | 105 | 102 | 109 | 106 | 103 | 101 | 102 | 100 | 98  | 98  | 96  | 95  | 95  | 93  | 92  | 90  |
| 2   | 104 | 98  | 93  | 89  | 102 | 96  | 92  | 88  | 93  | 89  | 86  | 90  | 87  | 84  | 87  | 85  | 82  | 80  |
| 3   | 97  | 89  | 83  | 78  | 95  | 88  | 82  | 77  | 85  | 80  | 76  | 82  | 78  | 75  | 80  | 77  | 74  | 72  |
| 4   | 91  | 81  | 74  | 69  | 89  | 80  | 74  | 69  | 78  | 72  | 68  | 76  | 71  | 67  | 74  | 69  | 66  | 64  |
| 5   | 85  | 74  | 67  | 62  | 83  | 73  | 66  | 61  | 71  | 65  | 61  | 70  | 64  | 60  | 68  | 63  | 60  | 58  |
| 6   | 79  | 68  | 61  | 55  | 78  | 67  | 60  | 55  | 66  | 59  | 55  | 64  | 59  | 54  | 63  | 58  | 54  | 52  |
| 7   | 74  | 63  | 55  | 50  | 73  | 62  | 55  | 50  | 61  | 54  | 50  | 59  | 54  | 49  | 58  | 53  | 49  | 47  |
| 8   | 70  | 58  | 51  | 46  | 68  | 57  | 50  | 46  | 56  | 50  | 45  | 55  | 49  | 45  | 54  | 49  | 45  | 43  |
| 9   | 65  | 54  | 47  | 42  | 64  | 53  | 46  | 42  | 52  | 46  | 42  | 51  | 46  | 41  | 50  | 45  | 41  | 40  |
| 10  | 62  | 50  | 43  | 39  | 61  | 50  | 43  | 38  | 49  | 43  | 38  | 48  | 42  | 38  | 47  | 42  | 38  | 37  |

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

|     | 0°    | 90°   | 180°  |
|-----|-------|-------|-------|
| 0°  | 87246 | 87246 | 87246 |
| 5°  | 86413 | 86837 | 87789 |
| 10° | 84634 | 86555 | 88804 |
| 15° | 83014 | 86397 | 90540 |
| 20° | 81295 | 86002 | 90710 |
| 25° | 79293 | 84289 | 88009 |
| 30° | 75075 | 79936 | 82614 |
| 35° | 68175 | 71648 | 72290 |
| 40° | 58188 | 57908 | 57629 |
| 45° | 48873 | 43361 | 42020 |
| 50° | 40817 | 29338 | 27871 |
| 55° | 34350 | 18007 | 16353 |
| 60° | 29088 | 9484  | 8223  |
| 65° | 25178 | 4994  | 3982  |
| 70° | 20949 | 3077  | 2148  |
| 75° | 15483 | 2033  | 1228  |
| 80° | 12154 | 1200  | 631   |
| 85° | 9686  | 1258  | 0     |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 150.0  | 5.6       |
| 10°-20°   | 429.5  | 16.1      |
| 20°-30°   | 634.2  | 23.8      |
| 30°-40°   | 653.6  | 24.5      |
| 40°-50°   | 451.4  | 16.9      |
| 50°-60°   | 222.5  | 8.3       |
| 60°-70°   | 90.2   | 3.4       |
| 70°-80°   | 32.1   | 1.2       |
| 80°-90°   | 6.7    | 0.2       |
| 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°    | 1213.6 | 45.5      |
| 0°-40°    | 1867.2 | 69.9      |
| 0°-60°    | 2541.1 | 95.2      |
| 0°-90°    | 2670.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 2670.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45°  | 90°  | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 1592 | 1592 | 1592 | 1592 | 1592 |      |
| 5°  | 1570 | 1570 | 1578 | 1590 | 1595 | 148  |
| 15° | 1463 | 1478 | 1522 | 1572 | 1595 | 412  |
| 25° | 1311 | 1336 | 1394 | 1434 | 1455 | 599  |
| 35° | 1019 | 1044 | 1071 | 1076 | 1080 | 631  |
| 45° | 630  | 634  | 559  | 552  | 542  | 487  |
| 55° | 359  | 346  | 188  | 177  | 171  | 325  |
| 65° | 194  | 175  | 38   | 31   | 31   | 193  |
| 75° | 73   | 62   | 10   | 6    | 6    | 82   |
| 85° | 15   | 12   | 2    | 0    | 0    | 19   |
| 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°    | 1591.5 | 1591.5 | 1591.5 | 1591.5 | 1591.5 | 1591.5 | 1591.5 | 1591.5 | 1591.5 | 1591.5 | 1591.5 |
| 2.5°  | 1587.6 | 1581.9 | 1585.7 | 1578.0 | 1587.6 | 1578.0 | 1579.9 | 1581.9 | 1579.9 | 1581.9 | 1583.8 |
| 5°    | 1570.3 | 1564.6 | 1570.3 | 1560.7 | 1570.3 | 1564.6 | 1564.6 | 1566.5 | 1566.5 | 1568.4 | 1570.3 |
| 7.5°  | 1547.3 | 1541.5 | 1547.3 | 1537.7 | 1549.2 | 1543.4 | 1543.4 | 1547.3 | 1545.3 | 1547.3 | 1551.1 |
| 10°   | 1520.4 | 1512.7 | 1518.4 | 1512.7 | 1524.2 | 1516.5 | 1520.4 | 1520.4 | 1520.4 | 1526.1 | 1530.0 |
| 12.5° | 1491.6 | 1483.8 | 1491.6 | 1481.9 | 1493.4 | 1487.7 | 1489.6 | 1495.4 | 1497.3 | 1501.2 | 1503.0 |
| 15°   | 1462.7 | 1453.1 | 1456.9 | 1451.1 | 1462.7 | 1456.9 | 1458.9 | 1466.5 | 1466.5 | 1472.3 | 1478.1 |
| 17.5° | 1426.2 | 1418.5 | 1426.2 | 1418.5 | 1428.1 | 1424.3 | 1428.1 | 1433.9 | 1433.9 | 1439.7 | 1445.4 |
| 20°   | 1393.5 | 1385.8 | 1391.6 | 1385.8 | 1397.4 | 1391.6 | 1393.5 | 1401.2 | 1403.1 | 1408.9 | 1414.6 |
| 22.5° | 1353.1 | 1347.4 | 1351.2 | 1345.5 | 1357.0 | 1353.1 | 1355.1 | 1362.8 | 1364.7 | 1368.5 | 1378.1 |
| 25°   | 1310.9 | 1299.3 | 1305.1 | 1301.2 | 1312.8 | 1307.0 | 1310.9 | 1318.5 | 1322.4 | 1328.1 | 1335.9 |
| 27.5° | 1249.3 | 1243.6 | 1247.4 | 1247.4 | 1257.0 | 1251.3 | 1253.2 | 1260.9 | 1266.6 | 1272.4 | 1282.0 |
| 30°   | 1186.0 | 1176.3 | 1180.2 | 1182.1 | 1189.8 | 1186.0 | 1189.8 | 1197.4 | 1199.4 | 1207.1 | 1214.7 |
| 32.5° | 1105.2 | 1101.3 | 1109.1 | 1105.2 | 1109.1 | 1109.1 | 1110.9 | 1116.7 | 1120.5 | 1124.4 | 1134.1 |
| 35°   | 1018.7 | 1011.0 | 1018.7 | 1014.9 | 1024.5 | 1018.7 | 1024.5 | 1030.3 | 1030.3 | 1037.9 | 1043.7 |
| 37.5° | 924.5  | 914.9  | 918.7  | 918.7  | 922.6  | 920.7  | 920.7  | 930.3  | 932.2  | 938.0  | 943.7  |
| 40°   | 813.1  | 809.2  | 816.9  | 814.9  | 816.9  | 816.9  | 818.8  | 824.6  | 828.4  | 830.3  | 832.3  |
| 42.5° | 713.1  | 715.0  | 716.9  | 716.9  | 716.9  | 716.9  | 716.9  | 724.6  | 722.7  | 728.5  | 730.4  |
| 45°   | 630.4  | 622.8  | 626.6  | 624.7  | 630.4  | 624.7  | 630.4  | 636.2  | 632.4  | 638.2  | 634.2  |
| 47.5° | 545.9  | 545.9  | 545.9  | 544.0  | 547.8  | 545.9  | 549.7  | 551.6  | 551.6  | 551.6  | 549.7  |
| 50°   | 478.6  | 472.8  | 474.7  | 474.7  | 476.7  | 474.7  | 478.6  | 480.5  | 480.5  | 476.7  | 469.0  |
| 52.5° | 413.2  | 411.3  | 411.3  | 415.2  | 415.2  | 413.2  | 413.2  | 413.2  | 413.2  | 407.5  | 403.6  |
| 55°   | 359.4  | 355.6  | 357.5  | 357.5  | 357.5  | 357.5  | 359.4  | 357.5  | 357.5  | 351.7  | 346.0  |
| 57.5° | 311.4  | 307.5  | 307.5  | 307.5  | 309.4  | 307.5  | 307.5  | 307.5  | 305.6  | 299.8  | 292.2  |
| 60°   | 265.3  | 263.3  | 265.3  | 265.3  | 267.1  | 265.3  | 265.3  | 265.3  | 261.4  | 255.7  | 247.9  |
| 62.5° | 226.8  | 226.8  | 226.8  | 228.7  | 228.7  | 226.8  | 226.8  | 224.9  | 223.0  | 215.2  | 207.6  |
| 65°   | 194.1  | 192.2  | 194.1  | 194.1  | 196.0  | 196.0  | 194.1  | 192.2  | 190.3  | 182.6  | 174.9  |
| 67.5° | 161.5  | 159.5  | 161.5  | 161.5  | 163.4  | 161.5  | 161.5  | 161.5  | 155.7  | 151.9  | 144.1  |
| 70°   | 130.7  | 128.8  | 128.8  | 128.8  | 130.7  | 126.8  | 128.8  | 128.8  | 125.0  | 119.2  | 111.5  |
| 72.5° | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 98.0   | 98.0   | 94.2   | 88.4   | 84.6   |
| 75°   | 73.1   | 73.1   | 75.0   | 75.0   | 73.1   | 73.1   | 73.1   | 71.1   | 69.2   | 65.3   | 61.5   |
| 77.5° | 53.8   | 53.8   | 53.8   | 53.8   | 51.9   | 51.9   | 51.9   | 49.9   | 48.1   | 46.1   | 42.3   |
| 80°   | 38.5   | 38.5   | 38.5   | 36.5   | 38.5   | 36.5   | 36.5   | 36.5   | 32.7   | 30.7   | 28.8   |
| 82.5° | 26.9   | 25.0   | 25.0   | 25.0   | 25.0   | 25.0   | 25.0   | 23.1   | 23.1   | 21.2   | 19.2   |
| 85°   | 15.4   | 15.4   | 15.4   | 15.4   | 15.4   | 15.4   | 15.4   | 15.4   | 13.4   | 11.6   | 11.6   |
| 87.5° | 7.7    | 9.6    | 9.6    | 9.6    | 9.6    | 9.6    | 9.6    | 7.7    | 7.7    | 7.7    | 5.8    |
| 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°    | 1591.5 | 1591.5 | 1591.5 | 1591.5 | 1591.5 | 1591.5 | 1591.5 | 1591.5 | 1591.5 | 1591.5 | 1591.5 |
| 2.5°  | 1583.8 | 1583.8 | 1587.6 | 1581.9 | 1591.5 | 1585.7 | 1583.8 | 1593.4 | 1587.6 | 1585.7 | 1589.6 |
| 5°    | 1570.3 | 1572.3 | 1574.2 | 1570.3 | 1579.9 | 1574.2 | 1574.2 | 1583.8 | 1579.9 | 1578.0 | 1583.8 |
| 7.5°  | 1553.1 | 1554.9 | 1558.8 | 1556.9 | 1564.6 | 1560.7 | 1562.7 | 1572.3 | 1568.4 | 1568.4 | 1574.2 |
| 10°   | 1531.9 | 1535.7 | 1539.6 | 1539.6 | 1549.2 | 1545.3 | 1545.3 | 1556.9 | 1553.1 | 1554.9 | 1562.7 |
| 12.5° | 1506.9 | 1512.7 | 1518.4 | 1520.4 | 1530.0 | 1524.2 | 1526.1 | 1539.6 | 1537.7 | 1539.6 | 1547.3 |
| 15°   | 1480.0 | 1487.7 | 1493.4 | 1493.4 | 1505.0 | 1499.2 | 1505.0 | 1518.4 | 1514.6 | 1522.3 | 1531.9 |
| 17.5° | 1449.3 | 1456.9 | 1464.6 | 1466.5 | 1478.1 | 1474.2 | 1481.9 | 1495.4 | 1495.4 | 1499.2 | 1510.8 |
| 20°   | 1420.4 | 1430.0 | 1433.9 | 1439.7 | 1451.1 | 1449.3 | 1453.1 | 1468.5 | 1468.5 | 1474.2 | 1485.8 |
| 22.5° | 1382.0 | 1391.6 | 1399.3 | 1405.0 | 1414.6 | 1414.6 | 1420.4 | 1433.9 | 1433.9 | 1437.7 | 1449.3 |
| 25°   | 1339.7 | 1351.2 | 1357.0 | 1362.8 | 1372.4 | 1370.4 | 1376.2 | 1387.8 | 1389.6 | 1393.5 | 1405.0 |
| 27.5° | 1285.8 | 1295.5 | 1303.2 | 1307.0 | 1320.5 | 1312.8 | 1318.5 | 1332.0 | 1330.1 | 1333.9 | 1343.5 |
| 30°   | 1218.6 | 1228.2 | 1235.9 | 1235.9 | 1247.4 | 1247.4 | 1253.2 | 1259.0 | 1259.0 | 1262.8 | 1270.5 |
| 32.5° | 1139.8 | 1151.3 | 1151.3 | 1157.1 | 1164.8 | 1157.1 | 1164.8 | 1172.4 | 1168.6 | 1174.4 | 1180.2 |
| 35°   | 1049.4 | 1055.2 | 1057.2 | 1057.2 | 1062.9 | 1061.0 | 1059.0 | 1064.8 | 1061.0 | 1070.6 | 1076.4 |
| 37.5° | 939.9  | 947.6  | 943.7  | 947.6  | 945.6  | 939.9  | 939.9  | 949.5  | 941.8  | 943.7  | 949.5  |
| 40°   | 834.2  | 834.2  | 832.3  | 822.7  | 824.6  | 818.8  | 816.9  | 818.8  | 811.1  | 809.2  | 816.9  |
| 42.5° | 724.6  | 722.7  | 716.9  | 703.5  | 705.4  | 695.8  | 688.1  | 688.1  | 684.3  | 682.3  | 684.3  |
| 45°   | 626.6  | 620.8  | 611.2  | 595.9  | 592.0  | 584.3  | 568.9  | 565.1  | 559.3  | 559.3  | 561.2  |
| 47.5° | 536.2  | 528.6  | 513.2  | 495.9  | 486.3  | 476.7  | 461.3  | 455.5  | 445.9  | 442.1  | 445.9  |
| 50°   | 461.3  | 447.8  | 428.6  | 403.6  | 394.0  | 382.5  | 367.1  | 357.5  | 347.9  | 344.0  | 342.1  |
| 52.5° | 392.1  | 372.9  | 353.7  | 322.9  | 315.2  | 303.7  | 282.5  | 272.9  | 263.3  | 255.7  | 255.7  |
| 55°   | 332.5  | 315.2  | 288.3  | 259.5  | 247.9  | 236.4  | 215.2  | 201.8  | 192.2  | 188.4  | 184.5  |
| 57.5° | 278.7  | 259.5  | 234.5  | 203.8  | 192.2  | 180.7  | 159.5  | 146.1  | 136.5  | 130.7  | 126.8  |
| 60°   | 234.5  | 213.4  | 188.4  | 161.5  | 148.0  | 136.5  | 115.4  | 101.8  | 92.2   | 86.5   | 82.6   |
| 62.5° | 192.2  | 174.9  | 149.9  | 125.0  | 113.4  | 101.8  | 84.6   | 71.1   | 61.5   | 57.7   | 51.9   |
| 65°   | 161.5  | 144.1  | 121.1  | 100.0  | 90.3   | 78.8   | 63.5   | 51.9   | 44.2   | 38.5   | 34.6   |
| 67.5° | 130.7  | 117.2  | 98.0   | 78.8   | 69.2   | 61.5   | 48.1   | 38.5   | 30.7   | 26.9   | 25.0   |
| 70°   | 103.8  | 90.3   | 75.0   | 59.6   | 53.8   | 46.1   | 36.5   | 26.9   | 23.1   | 19.2   | 17.3   |
| 72.5° | 76.9   | 67.3   | 55.7   | 44.2   | 38.5   | 34.6   | 25.0   | 21.2   | 15.4   | 13.4   | 11.6   |
| 75°   | 55.7   | 48.1   | 40.3   | 30.7   | 26.9   | 25.0   | 19.2   | 13.4   | 11.6   | 9.6    | 7.7    |
| 77.5° | 38.5   | 34.6   | 26.9   | 21.2   | 19.2   | 17.3   | 13.4   | 9.6    | 7.7    | 5.8    | 5.8    |
| 80°   | 25.0   | 21.2   | 17.3   | 13.4   | 13.4   | 11.6   | 7.7    | 5.8    | 5.8    | 3.8    | 3.8    |
| 82.5° | 15.4   | 13.4   | 11.6   | 9.6    | 7.7    | 7.7    | 5.8    | 3.8    | 3.8    | 2.0    | 2.0    |
| 85°   | 9.6    | 7.7    | 5.8    | 5.8    | 3.8    | 3.8    | 3.8    | 2.0    | 2.0    | 2.0    | 2.0    |
| 87.5° | 3.8    | 3.8    | 3.8    | 2.0    | 2.0    | 2.0    | 2.0    | 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):**

|       | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1591.5 | 1591.5 | 1591.5 | 1591.5 | 1591.5 | 1591.5 | 1591.5 | 1591.5 | 1591.5 | 1591.5 | 1591.5 |
| 2.5°  | 1589.6 | 1589.6 | 1593.4 | 1587.6 | 1591.5 | 1591.5 | 1595.3 | 1587.6 | 1591.5 | 1593.4 | 1597.2 |
| 5°    | 1581.9 | 1583.8 | 1587.6 | 1585.7 | 1587.6 | 1587.6 | 1591.5 | 1581.9 | 1589.6 | 1589.6 | 1595.3 |
| 7.5°  | 1574.2 | 1574.2 | 1578.0 | 1576.1 | 1579.9 | 1581.9 | 1585.7 | 1578.0 | 1585.7 | 1585.7 | 1591.5 |
| 10°   | 1564.6 | 1564.6 | 1570.3 | 1568.4 | 1574.2 | 1576.1 | 1581.9 | 1574.2 | 1581.9 | 1583.8 | 1589.6 |
| 12.5° | 1551.1 | 1553.1 | 1558.8 | 1558.8 | 1564.6 | 1568.4 | 1574.2 | 1570.3 | 1579.9 | 1581.9 | 1589.6 |
| 15°   | 1535.7 | 1539.6 | 1547.3 | 1545.3 | 1551.1 | 1556.9 | 1564.6 | 1558.8 | 1572.3 | 1576.1 | 1583.8 |
| 17.5° | 1516.5 | 1520.4 | 1526.1 | 1526.1 | 1531.9 | 1535.7 | 1545.3 | 1541.5 | 1553.1 | 1554.9 | 1564.6 |
| 20°   | 1487.7 | 1493.4 | 1501.2 | 1499.2 | 1505.0 | 1508.8 | 1516.5 | 1512.7 | 1524.2 | 1528.1 | 1537.7 |
| 22.5° | 1453.1 | 1456.9 | 1462.7 | 1462.7 | 1468.5 | 1472.3 | 1480.0 | 1474.2 | 1485.8 | 1487.7 | 1495.4 |
| 25°   | 1407.0 | 1410.8 | 1414.6 | 1416.6 | 1422.3 | 1424.3 | 1428.1 | 1424.3 | 1433.9 | 1435.8 | 1445.4 |
| 27.5° | 1347.4 | 1349.3 | 1355.1 | 1355.1 | 1358.9 | 1360.8 | 1366.6 | 1358.9 | 1372.4 | 1372.4 | 1378.1 |
| 30°   | 1276.2 | 1274.4 | 1282.0 | 1278.2 | 1282.0 | 1282.0 | 1287.8 | 1284.0 | 1293.6 | 1289.7 | 1295.5 |
| 32.5° | 1182.1 | 1186.0 | 1186.0 | 1182.1 | 1189.8 | 1187.8 | 1187.8 | 1184.0 | 1189.8 | 1191.7 | 1195.5 |
| 35°   | 1072.5 | 1078.3 | 1078.3 | 1080.2 | 1082.2 | 1076.4 | 1078.3 | 1066.8 | 1076.4 | 1078.3 | 1080.2 |
| 37.5° | 953.4  | 947.6  | 951.4  | 945.6  | 955.2  | 943.7  | 943.7  | 936.1  | 943.7  | 943.7  | 945.6  |
| 40°   | 816.9  | 814.9  | 818.8  | 814.9  | 813.1  | 811.1  | 807.3  | 801.5  | 809.2  | 805.3  | 811.1  |
| 42.5° | 688.1  | 686.1  | 686.1  | 682.3  | 680.4  | 680.4  | 676.6  | 672.7  | 670.8  | 670.8  | 680.4  |
| 45°   | 555.5  | 559.3  | 555.5  | 553.6  | 557.4  | 553.6  | 555.5  | 547.8  | 551.6  | 547.8  | 551.6  |
| 47.5° | 444.0  | 445.9  | 442.1  | 438.2  | 444.0  | 438.2  | 438.2  | 432.4  | 440.2  | 440.2  | 436.3  |
| 50°   | 344.0  | 342.1  | 338.3  | 342.1  | 340.2  | 340.2  | 340.2  | 334.4  | 338.3  | 332.5  | 336.4  |
| 52.5° | 253.7  | 251.8  | 251.8  | 249.9  | 251.8  | 249.9  | 249.9  | 247.9  | 247.9  | 246.0  | 247.9  |
| 55°   | 184.5  | 182.6  | 178.7  | 178.7  | 178.7  | 180.7  | 178.7  | 176.9  | 176.9  | 174.9  | 176.9  |
| 57.5° | 125.0  | 121.1  | 121.1  | 121.1  | 121.1  | 119.2  | 119.2  | 117.2  | 119.2  | 117.2  | 119.2  |
| 60°   | 80.7   | 80.7   | 76.9   | 76.9   | 76.9   | 76.9   | 76.9   | 75.0   | 76.9   | 76.9   | 76.9   |
| 62.5° | 49.9   | 49.9   | 48.1   | 46.1   | 48.1   | 46.1   | 46.1   | 46.1   | 48.1   | 46.1   | 48.1   |
| 65°   | 32.7   | 30.7   | 30.7   | 30.7   | 30.7   | 30.7   | 30.7   | 30.7   | 30.7   | 30.7   | 30.7   |
| 67.5° | 23.1   | 21.2   | 21.2   | 21.2   | 21.2   | 21.2   | 21.2   | 19.2   | 21.2   | 21.2   | 21.2   |
| 70°   | 15.4   | 15.4   | 13.4   | 13.4   | 13.4   | 13.4   | 13.4   | 13.4   | 13.4   | 13.4   | 13.4   |
| 72.5° | 9.6    | 9.6    | 9.6    | 9.6    | 9.6    | 9.6    | 9.6    | 9.6    | 9.6    | 9.6    | 9.6    |
| 75°   | 7.7    | 5.8    | 5.8    | 5.8    | 5.8    | 5.8    | 5.8    | 5.8    | 5.8    | 5.8    | 5.8    |
| 77.5° | 5.8    | 3.8    | 3.8    | 3.8    | 3.8    | 3.8    | 3.8    | 3.8    | 3.8    | 3.8    | 3.8    |
| 80°   | 3.8    | 3.8    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    |
| 82.5° | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    |
| 85°   | 2.0    | 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    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    |
| 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: P684176

CATALOG NUMBER: LX6C30D010 EX6C309027 6LCSWH

**CANDELA DISTRIBUTION (continued):**

|       | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1591.5 | 1591.5 | 1591.5 | 1591.5 | 1591.5 | 1591.5 | 1591.5 | 1591.5 |
| 2.5°  | 1591.5 | 1593.4 | 1589.6 | 1591.5 | 1587.6 | 1591.5 | 1593.4 | 1597.2 |
| 5°    | 1587.6 | 1589.6 | 1585.7 | 1589.6 | 1585.7 | 1589.6 | 1591.5 | 1595.3 |
| 7.5°  | 1583.8 | 1587.6 | 1583.8 | 1587.6 | 1583.8 | 1587.6 | 1589.6 | 1593.4 |
| 10°   | 1583.8 | 1589.6 | 1585.7 | 1591.5 | 1585.7 | 1589.6 | 1593.4 | 1595.3 |
| 12.5° | 1583.8 | 1589.6 | 1587.6 | 1591.5 | 1589.6 | 1593.4 | 1597.2 | 1601.1 |
| 15°   | 1579.9 | 1585.7 | 1581.9 | 1587.6 | 1585.7 | 1587.6 | 1595.3 | 1595.3 |
| 17.5° | 1558.8 | 1564.6 | 1564.6 | 1568.4 | 1568.4 | 1574.2 | 1578.0 | 1581.9 |
| 20°   | 1531.9 | 1537.7 | 1535.7 | 1541.5 | 1541.5 | 1547.3 | 1551.1 | 1554.9 |
| 22.5° | 1491.6 | 1499.2 | 1497.3 | 1503.0 | 1501.2 | 1505.0 | 1512.7 | 1510.8 |
| 25°   | 1439.7 | 1449.3 | 1447.3 | 1451.1 | 1449.3 | 1449.3 | 1453.1 | 1455.0 |
| 27.5° | 1376.2 | 1382.0 | 1380.0 | 1383.9 | 1380.0 | 1383.9 | 1387.8 | 1389.6 |
| 30°   | 1293.6 | 1297.4 | 1295.5 | 1297.4 | 1295.5 | 1299.3 | 1301.2 | 1305.1 |
| 32.5° | 1193.6 | 1199.4 | 1193.6 | 1197.4 | 1195.5 | 1195.5 | 1203.2 | 1199.4 |
| 35°   | 1074.4 | 1076.4 | 1078.3 | 1078.3 | 1074.4 | 1076.4 | 1080.2 | 1080.2 |
| 37.5° | 941.8  | 951.4  | 939.9  | 945.6  | 943.7  | 943.7  | 943.7  | 949.5  |
| 40°   | 803.5  | 805.3  | 801.5  | 801.5  | 801.5  | 799.6  | 807.3  | 805.3  |
| 42.5° | 672.7  | 674.7  | 672.7  | 667.0  | 668.9  | 668.9  | 674.7  | 667.0  |
| 45°   | 545.9  | 549.7  | 547.8  | 547.8  | 544.0  | 544.0  | 545.9  | 542.0  |
| 47.5° | 432.4  | 436.3  | 430.6  | 432.4  | 428.6  | 432.4  | 430.6  | 434.4  |
| 50°   | 328.7  | 332.5  | 330.6  | 332.5  | 332.5  | 328.7  | 334.4  | 326.8  |
| 52.5° | 246.0  | 247.9  | 246.0  | 244.1  | 242.2  | 242.2  | 246.0  | 244.1  |
| 55°   | 174.9  | 173.0  | 173.0  | 173.0  | 174.9  | 174.9  | 173.0  | 171.1  |
| 57.5° | 117.2  | 117.2  | 115.4  | 115.4  | 117.2  | 113.4  | 115.4  | 113.4  |
| 60°   | 75.0   | 75.0   | 75.0   | 75.0   | 73.1   | 75.0   | 75.0   | 75.0   |
| 62.5° | 46.1   | 46.1   | 46.1   | 46.1   | 46.1   | 46.1   | 46.1   | 46.1   |
| 65°   | 30.7   | 30.7   | 30.7   | 30.7   | 30.7   | 30.7   | 30.7   | 30.7   |
| 67.5° | 19.2   | 21.2   | 21.2   | 21.2   | 19.2   | 19.2   | 19.2   | 19.2   |
| 70°   | 13.4   | 13.4   | 13.4   | 13.4   | 13.4   | 13.4   | 13.4   | 13.4   |
| 72.5° | 9.6    | 9.6    | 9.6    | 9.6    | 9.6    | 9.6    | 9.6    | 9.6    |
| 75°   | 5.8    | 5.8    | 5.8    | 5.8    | 5.8    | 5.8    | 5.8    | 5.8    |
| 77.5° | 3.8    | 3.8    | 3.8    | 3.8    | 3.8    | 3.8    | 3.8    | 3.8    |
| 80°   | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    |
| 82.5° | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    |
| 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 87.5° | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 0.0    | 0.0    | 0.0    |
| 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)