

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: LUMARK

Report Number: P145794

Luminaire Tested: **LDRC-SLL-F02-E-7030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P145794
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33704)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: LDRC-SLL-F02-E-7030
Description: RC LED ROADWAY SMALL CUTOFF COBRAHEAD LUMINAIRE
(2) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT
Light Source: (14) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4061.7 lumens
Efficiency: N/A
Efficacy: 73.8 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 1' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B1 - U0 - G2

Input Watts (W): 55
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

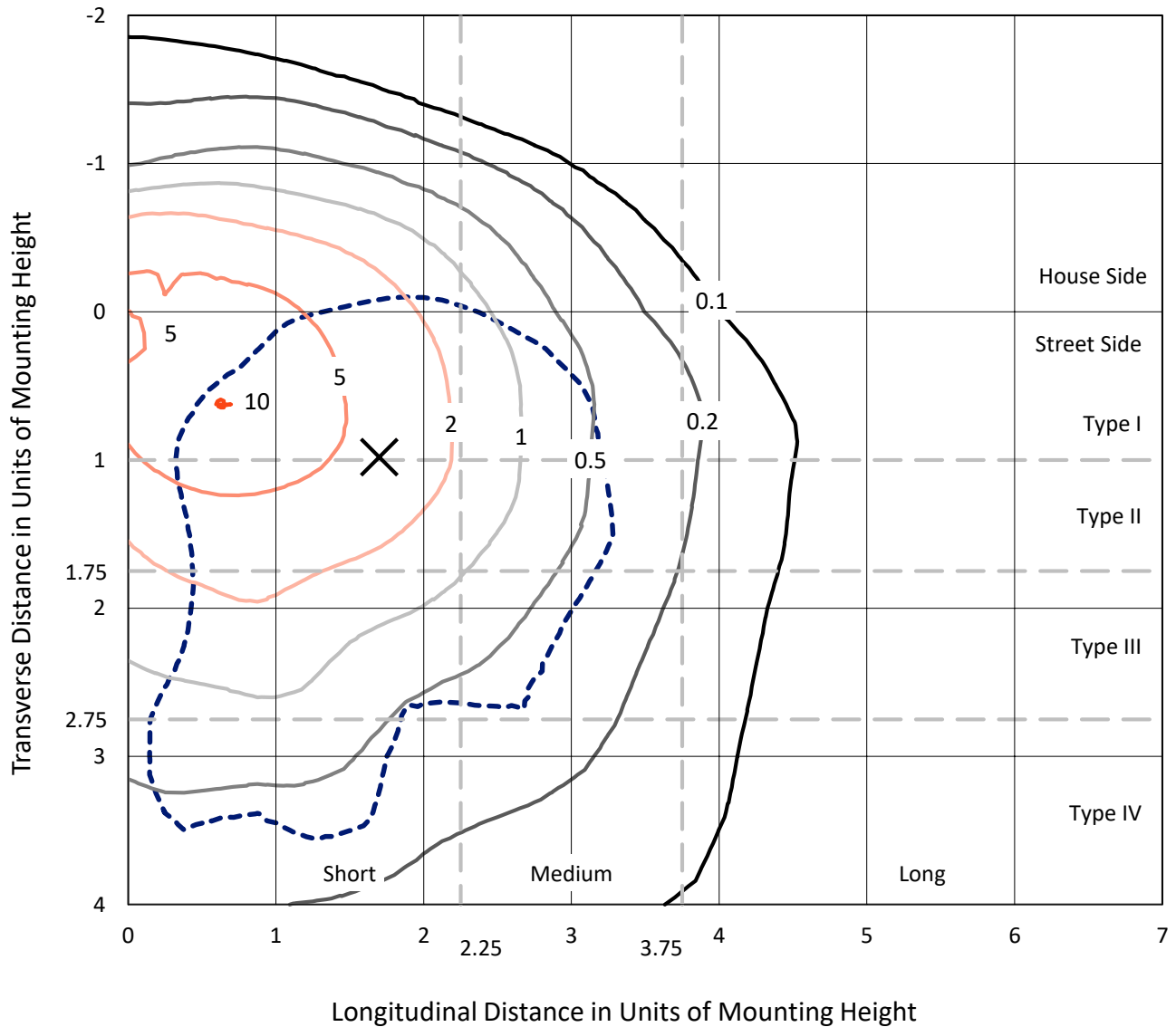


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Iso-Footcandle Lines of Horizontal Illumination

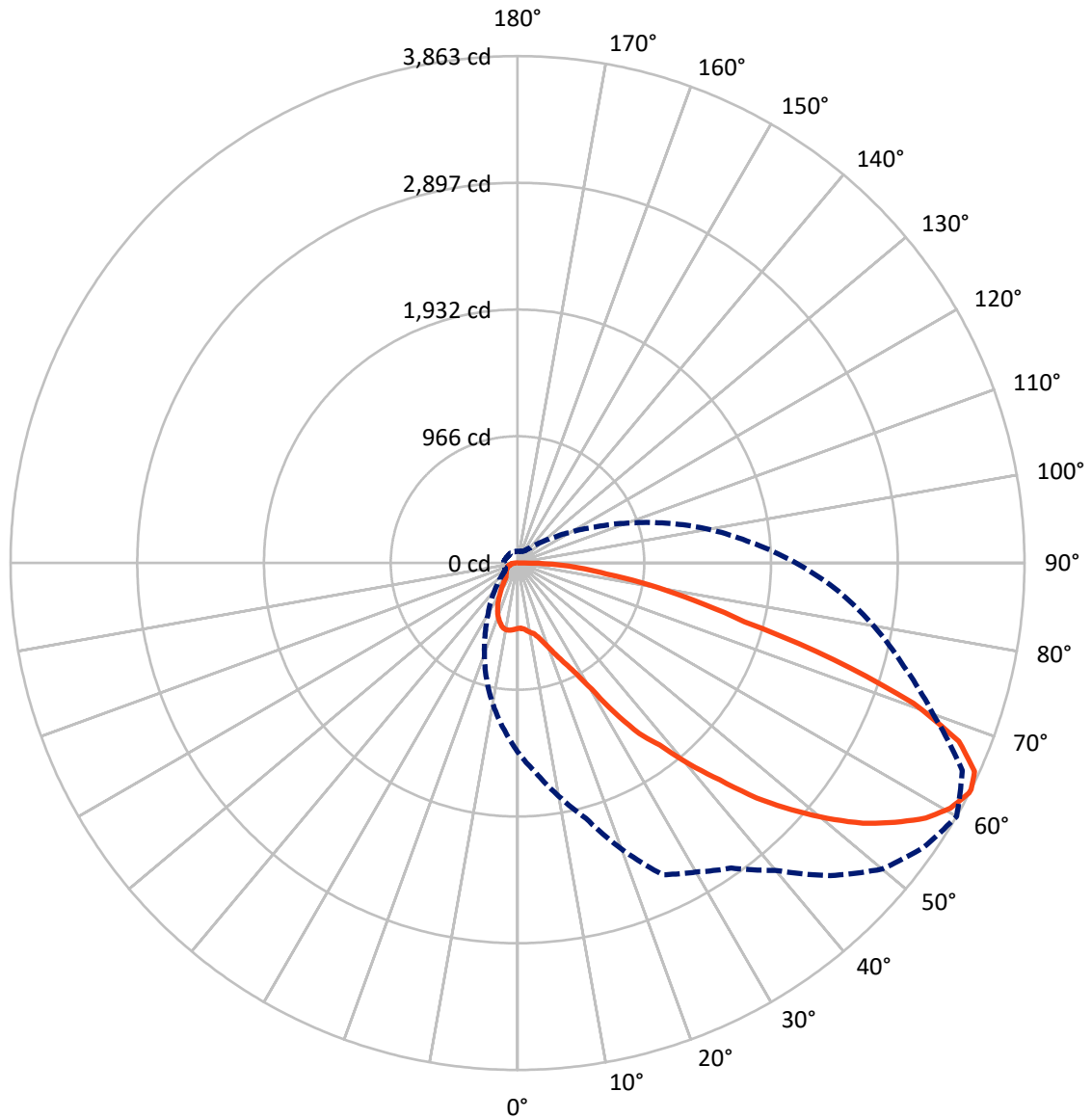
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 10.1 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 60-Deg Lateral - - - Horizontal Cone Through 63-Deg Vertical

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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 850.2 | 0.0 | 850.2 |
| | % Fixture | 20.9 | 0.0 | 20.9 |
| Street Side | Lumens | 3211.4 | 0.0 | 3211.4 |
| | % Fixture | 79.1 | 0.0 | 79.1 |
| Total | Lumens | 4061.7 | 0.0 | 4061.7 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 49.0 | 1.2 |
| 10°-20° | 152.9 | 3.8 |
| 20°-30° | 270.4 | 6.7 |
| 30°-40° | 426.9 | 10.5 |
| 40°-50° | 627.7 | 15.5 |
| 50°-60° | 826.9 | 20.4 |
| 60°-70° | 921.7 | 22.7 |
| 70°-80° | 605.6 | 14.9 |
| 80°-90° | 180.6 | 4.4 |
| 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°-90° | 4061.7 | 100.0 |
| 0°-180° | 4061.7 | 100.0 |



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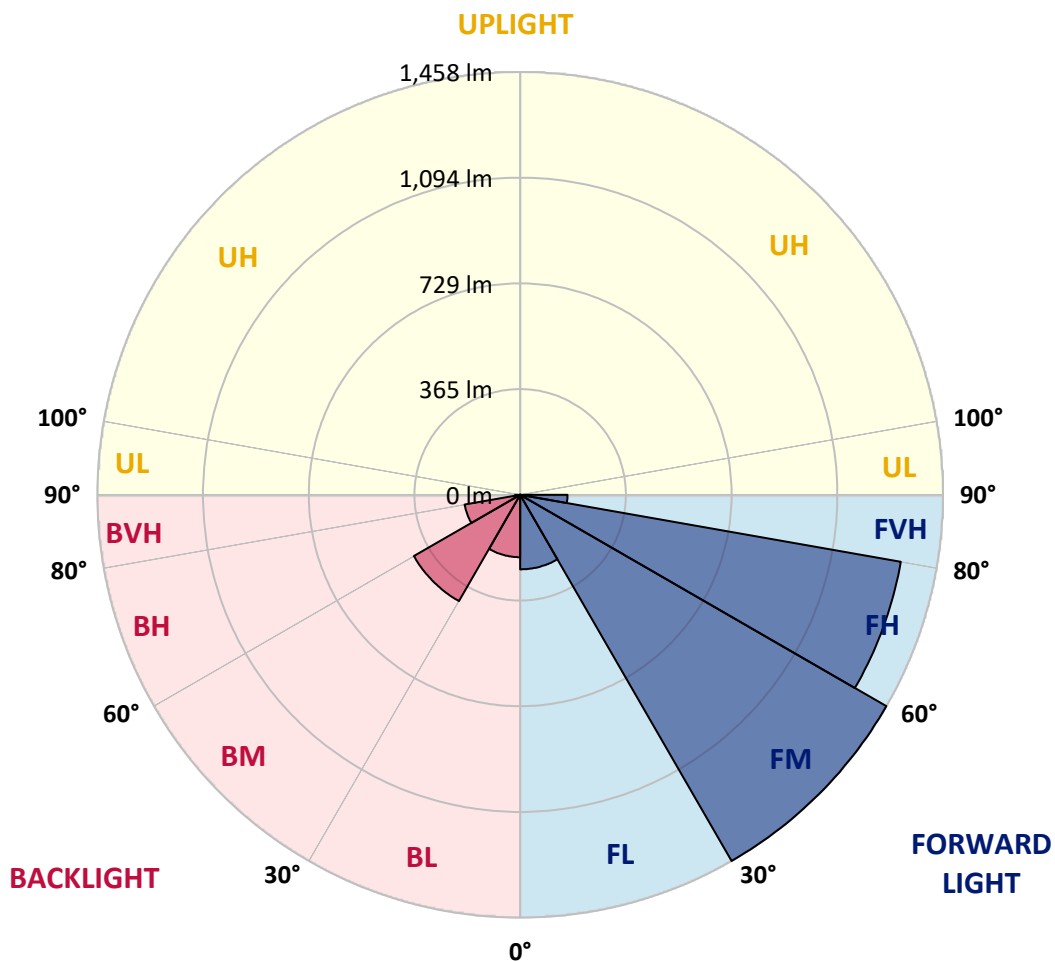
CATALOG NUMBER: LDRC-SLL-F02-E-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 257.1 | 6.3 | | | |
| FM | (30°-60°) | 1458.2 | 35.9 | | | |
| FH | (60°-80°) | 1332.9 | 32.8 | | | G1/1800 |
| FVH | (80°-90°) | 163.2 | 4.0 | | | G2/225 |
| BL | (0°-30°) | 215.2 | 5.3 | B1/500 | | |
| BM | (30°-60°) | 423.3 | 10.4 | B1/1000 | | |
| BH | (60°-80°) | 194.3 | 4.8 | B1/500 | | G1/500 |
| BVH | (80°-90°) | 17.4 | 0.4 | | | G1/100 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B1-U0-G2

Type IV Short





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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 498.8 | 498.8 | 498.8 | 498.8 | 498.8 | 498.8 | 498.8 | 498.8 | 498.8 | 498.8 | 498.8 |
| 2.5° | 498.2 | 498.5 | 497.6 | 497.3 | 496.7 | 497.0 | 497.0 | 496.4 | 496.4 | 496.7 | 495.8 |
| 5° | 495.8 | 496.4 | 496.1 | 496.7 | 497.3 | 498.2 | 499.1 | 500.0 | 501.0 | 502.2 | 502.5 |
| 7.5° | 493.1 | 494.9 | 495.2 | 497.0 | 499.1 | 501.6 | 504.6 | 507.9 | 512.4 | 513.6 | 516.3 |
| 10° | 494.6 | 497.9 | 499.7 | 503.4 | 506.7 | 511.2 | 516.6 | 520.0 | 525.7 | 527.8 | 531.7 |
| 12.5° | 506.4 | 508.8 | 511.2 | 515.4 | 520.3 | 526.0 | 532.0 | 537.1 | 543.2 | 545.3 | 546.8 |
| 15° | 528.7 | 531.1 | 533.8 | 538.0 | 543.2 | 550.1 | 558.9 | 565.2 | 572.4 | 577.9 | 581.8 |
| 17.5° | 559.8 | 559.8 | 566.1 | 567.3 | 577.3 | 587.8 | 598.7 | 611.0 | 618.6 | 623.1 | 630.3 |
| 20° | 604.4 | 604.4 | 612.8 | 616.8 | 625.2 | 638.8 | 653.6 | 667.1 | 678.0 | 687.0 | 693.7 |
| 22.5° | 681.6 | 678.3 | 685.5 | 684.6 | 694.9 | 715.1 | 729.6 | 737.1 | 751.6 | 757.0 | 765.8 |
| 25° | 771.2 | 782.9 | 790.8 | 790.8 | 795.0 | 815.8 | 827.9 | 833.6 | 846.9 | 843.0 | 852.0 |
| 27.5° | 881.0 | 912.6 | 941.9 | 954.0 | 948.2 | 971.1 | 975.4 | 980.8 | 979.3 | 969.9 | 967.2 |
| 30° | 988.9 | 1044.7 | 1090.3 | 1118.0 | 1150.0 | 1194.3 | 1194.3 | 1201.6 | 1185.9 | 1159.9 | 1144.6 |
| 32.5° | 1063.7 | 1135.5 | 1205.2 | 1262.8 | 1317.1 | 1384.9 | 1413.6 | 1453.4 | 1460.0 | 1470.0 | 1435.6 |
| 35° | 1125.3 | 1226.0 | 1300.8 | 1387.3 | 1453.7 | 1522.5 | 1598.8 | 1667.8 | 1713.7 | 1706.1 | 1692.6 |
| 37.5° | 1167.5 | 1296.9 | 1401.2 | 1502.9 | 1603.9 | 1682.6 | 1755.0 | 1845.2 | 1932.9 | 1950.4 | 1913.6 |
| 40° | 1197.0 | 1346.9 | 1490.5 | 1615.4 | 1742.3 | 1860.6 | 1948.6 | 2045.4 | 2183.0 | 2241.2 | 2211.0 |
| 42.5° | 1211.2 | 1386.1 | 1546.3 | 1705.2 | 1866.0 | 2015.3 | 2125.7 | 2258.4 | 2421.5 | 2521.1 | 2487.9 |
| 45° | 1217.2 | 1410.3 | 1591.5 | 1772.5 | 1965.5 | 2149.8 | 2292.1 | 2442.6 | 2626.3 | 2786.2 | 2792.2 |
| 47.5° | 1215.7 | 1423.2 | 1622.6 | 1820.4 | 2043.6 | 2258.1 | 2449.0 | 2619.7 | 2827.8 | 2995.8 | 3058.2 |
| 50° | 1211.5 | 1427.8 | 1641.3 | 1849.4 | 2092.8 | 2337.4 | 2552.4 | 2755.4 | 2987.9 | 3200.6 | 3295.6 |
| 52.5° | 1211.2 | 1428.7 | 1650.6 | 1865.4 | 2121.7 | 2385.9 | 2617.3 | 2857.0 | 3111.9 | 3334.2 | 3482.2 |
| 55° | 1218.5 | 1434.1 | 1660.9 | 1876.5 | 2137.4 | 2413.4 | 2653.8 | 2920.7 | 3165.9 | 3418.3 | 3609.5 |
| 57.5° | 1247.7 | 1459.4 | 1685.3 | 1895.5 | 2154.9 | 2435.1 | 2682.1 | 2939.1 | 3181.9 | 3453.3 | 3683.4 |
| 60° | 1311.9 | 1506.8 | 1727.9 | 1930.5 | 2200.5 | 2492.1 | 2708.9 | 2913.1 | 3151.7 | 3443.3 | 3694.0 |
| 62.5° | 1412.1 | 1582.8 | 1787.3 | 1995.1 | 2293.0 | 2600.4 | 2720.1 | 2853.7 | 3077.2 | 3386.0 | 3648.4 |
| 63° | 1437.7 | 1603.0 | 1802.9 | 2012.9 | 2319.9 | 2620.9 | 2719.2 | 2838.0 | 3056.7 | 3369.1 | 3627.9 |
| 65° | 1544.8 | 1696.5 | 1875.9 | 2097.9 | 2442.0 | 2686.0 | 2686.3 | 2745.7 | 2952.0 | 3276.0 | 3543.8 |
| 67.5° | 1705.8 | 1850.6 | 1989.3 | 2210.1 | 2577.1 | 2718.6 | 2588.9 | 2544.0 | 2726.4 | 3078.7 | 3330.2 |
| 70° | 1813.2 | 1992.1 | 2069.9 | 2239.7 | 2595.5 | 2679.1 | 2434.8 | 2284.9 | 2436.3 | 2730.7 | 2954.1 |
| 72.5° | 1815.9 | 2019.8 | 2042.4 | 2113.6 | 2423.3 | 2490.3 | 2169.4 | 1966.4 | 2057.5 | 2304.5 | 2422.1 |
| 75° | 1622.0 | 1878.3 | 1831.9 | 1805.7 | 1973.4 | 2002.0 | 1754.7 | 1670.2 | 1787.0 | 1932.9 | 1874.1 |
| 77.5° | 1205.8 | 1546.6 | 1452.2 | 1340.6 | 1401.5 | 1405.7 | 1413.6 | 1572.8 | 1716.1 | 1775.8 | 1690.2 |
| 80° | 748.3 | 1136.1 | 1063.7 | 879.8 | 903.3 | 972.7 | 1180.8 | 1462.1 | 1619.0 | 1661.8 | 1490.5 |
| 82.5° | 451.2 | 835.7 | 797.1 | 671.4 | 700.9 | 873.7 | 1103.8 | 1181.7 | 1234.4 | 1230.5 | 1053.5 |
| 85° | 330.6 | 567.6 | 620.1 | 629.4 | 734.4 | 848.4 | 843.6 | 786.0 | 753.7 | 663.2 | 566.1 |
| 87.5° | 104.1 | 292.9 | 347.4 | 405.0 | 443.6 | 419.8 | 412.9 | 356.8 | 255.5 | 215.9 | 237.4 |
| 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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CATALOG NUMBER: LDRC-SLL-F02-E-7030

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 498.8 | 498.8 | 498.8 | 498.8 | 498.8 | 498.8 | 498.8 | 498.8 | 498.8 | 498.8 | 498.8 |
| 2.5° | 495.8 | 497.0 | 497.6 | 497.3 | 497.6 | 497.6 | 499.4 | 498.8 | 499.4 | 499.1 | 501.0 |
| 5° | 503.4 | 505.2 | 506.7 | 506.7 | 507.0 | 507.6 | 510.0 | 510.0 | 511.2 | 513.6 | 514.8 |
| 7.5° | 518.1 | 520.6 | 520.9 | 521.5 | 523.3 | 522.4 | 523.9 | 524.5 | 525.4 | 526.6 | 528.1 |
| 10° | 533.5 | 536.8 | 536.8 | 536.5 | 536.8 | 534.4 | 535.3 | 533.5 | 533.8 | 535.6 | 537.4 |
| 12.5° | 550.7 | 552.5 | 551.3 | 550.4 | 550.4 | 545.9 | 545.3 | 542.9 | 541.7 | 542.0 | 542.6 |
| 15° | 585.1 | 583.6 | 583.3 | 581.8 | 576.4 | 573.0 | 570.6 | 563.1 | 559.2 | 557.1 | 553.4 |
| 17.5° | 630.9 | 631.8 | 630.3 | 628.8 | 621.0 | 609.8 | 605.0 | 596.9 | 591.4 | 586.0 | 579.4 |
| 20° | 697.9 | 691.9 | 691.3 | 686.4 | 675.6 | 659.9 | 648.1 | 634.9 | 627.3 | 619.5 | 612.5 |
| 22.5° | 771.8 | 765.5 | 761.2 | 751.9 | 735.9 | 716.0 | 696.4 | 679.5 | 668.0 | 662.3 | 657.5 |
| 25° | 853.8 | 850.2 | 843.3 | 819.4 | 806.8 | 783.9 | 762.4 | 745.9 | 732.9 | 728.1 | 719.6 |
| 27.5° | 952.1 | 954.9 | 941.9 | 919.6 | 903.6 | 871.3 | 852.9 | 824.3 | 813.4 | 795.9 | 785.1 |
| 30° | 1131.3 | 1113.8 | 1091.8 | 1057.7 | 1025.4 | 982.0 | 951.5 | 921.7 | 905.7 | 882.2 | 853.2 |
| 32.5° | 1424.1 | 1357.5 | 1298.4 | 1226.0 | 1157.5 | 1102.0 | 1058.0 | 1020.3 | 995.9 | 957.0 | 907.8 |
| 35° | 1660.3 | 1596.1 | 1498.3 | 1393.1 | 1303.2 | 1232.0 | 1176.5 | 1140.9 | 1092.1 | 1030.0 | 958.8 |
| 37.5° | 1833.4 | 1759.5 | 1668.1 | 1587.6 | 1489.6 | 1410.3 | 1335.2 | 1261.3 | 1192.5 | 1098.4 | 1007.6 |
| 40° | 2114.5 | 2014.4 | 1863.9 | 1768.9 | 1688.6 | 1581.3 | 1511.0 | 1411.5 | 1306.8 | 1185.6 | 1054.1 |
| 42.5° | 2392.6 | 2259.9 | 2123.5 | 2014.4 | 1900.4 | 1783.9 | 1687.4 | 1553.8 | 1414.8 | 1257.7 | 1095.7 |
| 45° | 2715.6 | 2553.0 | 2374.8 | 2222.2 | 2105.1 | 1968.2 | 1844.6 | 1680.5 | 1503.2 | 1316.8 | 1131.9 |
| 47.5° | 2970.1 | 2809.1 | 2607.9 | 2454.1 | 2296.4 | 2141.9 | 1981.5 | 1779.1 | 1568.9 | 1365.0 | 1165.7 |
| 50° | 3214.1 | 3058.8 | 2845.0 | 2656.2 | 2474.9 | 2288.5 | 2094.6 | 1849.1 | 1620.5 | 1402.7 | 1192.5 |
| 52.5° | 3433.1 | 3295.0 | 3063.9 | 2838.3 | 2635.7 | 2420.9 | 2180.5 | 1914.5 | 1669.9 | 1441.6 | 1213.6 |
| 55° | 3618.6 | 3489.2 | 3282.0 | 3001.2 | 2771.1 | 2533.4 | 2261.7 | 1974.3 | 1722.1 | 1482.4 | 1229.0 |
| 57.5° | 3743.1 | 3668.3 | 3447.0 | 3144.5 | 2882.4 | 2629.3 | 2322.9 | 2034.3 | 1771.0 | 1507.7 | 1235.6 |
| 60° | 3801.0 | 3791.1 | 3603.8 | 3273.8 | 2981.3 | 2704.1 | 2400.1 | 2097.9 | 1803.3 | 1519.1 | 1226.3 |
| 62.5° | 3789.0 | 3860.1 | 3723.2 | 3362.5 | 3044.3 | 2750.9 | 2449.6 | 2125.4 | 1795.1 | 1491.4 | 1185.0 |
| 63° | 3777.8 | 3863.2 | 3740.1 | 3371.3 | 3049.5 | 2755.4 | 2454.4 | 2122.0 | 1787.6 | 1479.0 | 1170.8 |
| 65° | 3696.1 | 3827.6 | 3744.3 | 3355.6 | 3025.9 | 2742.4 | 2432.7 | 2069.9 | 1712.5 | 1401.2 | 1090.6 |
| 67.5° | 3495.8 | 3627.6 | 3581.5 | 3182.8 | 2873.6 | 2603.1 | 2281.0 | 1892.2 | 1528.5 | 1235.9 | 941.9 |
| 70° | 3082.3 | 3200.2 | 3145.1 | 2794.3 | 2507.2 | 2315.4 | 2009.2 | 1573.7 | 1245.3 | 993.5 | 716.9 |
| 72.5° | 2438.1 | 2521.1 | 2533.1 | 2254.4 | 2034.6 | 1919.4 | 1618.7 | 1187.1 | 909.6 | 691.9 | 465.4 |
| 75° | 1805.4 | 1786.1 | 1790.0 | 1634.4 | 1544.8 | 1496.2 | 1210.0 | 814.3 | 612.8 | 422.8 | 276.0 |
| 77.5° | 1517.3 | 1378.6 | 1260.4 | 1217.2 | 1112.9 | 1082.7 | 798.0 | 499.7 | 357.7 | 253.0 | 157.1 |
| 80° | 1233.8 | 1023.6 | 851.7 | 775.4 | 734.7 | 740.7 | 441.5 | 266.3 | 187.3 | 137.8 | 98.3 |
| 82.5° | 843.6 | 683.7 | 539.3 | 468.4 | 461.1 | 468.1 | 229.5 | 130.6 | 98.9 | 79.3 | 61.8 |
| 85° | 498.8 | 469.6 | 419.2 | 372.2 | 355.9 | 336.0 | 170.7 | 93.5 | 51.0 | 42.2 | 34.7 |
| 87.5° | 215.6 | 264.8 | 271.1 | 269.9 | 251.2 | 201.8 | 62.7 | 24.1 | 21.4 | 10.9 | 8.7 |
| 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):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 498.8 | 498.8 | 498.8 | 498.8 | 498.8 | 498.8 | 498.8 | 498.8 | 498.8 | 498.8 | 498.8 |
| 2.5° | 501.0 | 501.3 | 500.7 | 501.3 | 503.4 | 503.4 | 503.1 | 503.7 | 504.0 | 505.8 | 505.2 |
| 5° | 516.0 | 516.3 | 516.6 | 518.7 | 520.3 | 522.1 | 521.5 | 522.1 | 523.3 | 523.6 | 524.2 |
| 7.5° | 529.9 | 531.7 | 534.1 | 535.0 | 537.7 | 538.4 | 541.1 | 541.4 | 542.0 | 540.8 | 539.6 |
| 10° | 539.6 | 541.4 | 544.4 | 545.9 | 550.7 | 551.3 | 553.4 | 554.0 | 555.2 | 554.3 | 553.4 |
| 12.5° | 544.4 | 545.9 | 549.2 | 552.2 | 558.9 | 561.0 | 564.6 | 566.7 | 568.2 | 567.3 | 564.3 |
| 15° | 554.3 | 554.0 | 555.8 | 558.3 | 564.3 | 568.2 | 573.3 | 576.1 | 577.9 | 576.4 | 572.4 |
| 17.5° | 577.3 | 573.0 | 573.0 | 571.5 | 576.1 | 577.0 | 579.1 | 580.6 | 580.0 | 575.4 | 569.1 |
| 20° | 608.9 | 602.6 | 598.7 | 595.1 | 593.5 | 586.0 | 582.1 | 576.7 | 571.8 | 563.7 | 556.4 |
| 22.5° | 649.9 | 645.4 | 636.4 | 628.2 | 616.8 | 601.4 | 584.8 | 570.6 | 560.1 | 548.9 | 536.5 |
| 25° | 712.1 | 701.8 | 688.8 | 669.5 | 654.8 | 627.6 | 599.9 | 573.0 | 550.4 | 532.9 | 512.1 |
| 27.5° | 770.6 | 748.9 | 724.4 | 694.3 | 667.1 | 630.9 | 595.7 | 564.6 | 535.0 | 507.0 | 483.2 |
| 30° | 819.4 | 781.7 | 741.9 | 699.7 | 661.1 | 617.4 | 576.4 | 541.1 | 507.6 | 474.4 | 451.8 |
| 32.5° | 856.2 | 801.9 | 748.9 | 694.9 | 647.2 | 596.0 | 548.9 | 511.2 | 473.2 | 438.2 | 412.0 |
| 35° | 889.4 | 816.1 | 746.8 | 681.9 | 625.5 | 568.8 | 518.1 | 475.9 | 434.3 | 396.9 | 366.7 |
| 37.5° | 913.2 | 820.9 | 737.7 | 663.2 | 597.8 | 535.6 | 480.7 | 435.8 | 391.2 | 353.2 | 320.0 |
| 40° | 931.6 | 818.5 | 720.5 | 634.6 | 559.8 | 495.2 | 441.5 | 394.5 | 349.9 | 311.9 | 277.2 |
| 42.5° | 944.0 | 809.5 | 694.6 | 602.0 | 528.1 | 460.5 | 408.1 | 358.6 | 314.0 | 274.2 | 235.8 |
| 45° | 960.0 | 805.9 | 678.6 | 577.6 | 499.4 | 431.3 | 375.2 | 326.9 | 280.5 | 238.9 | 202.4 |
| 47.5° | 975.1 | 803.8 | 665.6 | 557.4 | 473.5 | 404.7 | 349.2 | 298.6 | 251.8 | 211.1 | 177.9 |
| 50° | 984.1 | 800.4 | 652.1 | 532.9 | 444.6 | 377.6 | 324.5 | 273.2 | 226.2 | 187.3 | 157.7 |
| 52.5° | 986.8 | 793.8 | 634.3 | 505.2 | 419.5 | 354.4 | 299.2 | 247.9 | 202.7 | 167.7 | 140.2 |
| 55° | 984.7 | 780.8 | 610.1 | 482.6 | 393.9 | 328.7 | 273.5 | 223.8 | 182.8 | 149.9 | 127.9 |
| 57.5° | 974.5 | 754.9 | 579.1 | 453.9 | 364.6 | 296.5 | 242.2 | 196.6 | 160.1 | 133.9 | 117.0 |
| 60° | 951.5 | 717.5 | 541.1 | 413.8 | 322.7 | 258.2 | 206.9 | 167.7 | 136.9 | 117.9 | 106.8 |
| 62.5° | 901.5 | 663.5 | 485.9 | 357.1 | 266.6 | 207.2 | 162.6 | 133.6 | 112.8 | 102.8 | 96.2 |
| 63° | 886.7 | 644.8 | 469.6 | 342.0 | 257.0 | 195.7 | 152.6 | 126.4 | 107.7 | 99.5 | 94.1 |
| 65° | 808.9 | 558.6 | 396.9 | 275.1 | 199.1 | 148.4 | 116.4 | 99.2 | 89.3 | 86.3 | 84.7 |
| 67.5° | 662.9 | 434.6 | 279.3 | 184.6 | 133.6 | 102.5 | 86.0 | 79.3 | 75.7 | 75.4 | 76.3 |
| 70° | 468.4 | 288.3 | 172.8 | 118.2 | 92.0 | 77.5 | 71.2 | 68.2 | 66.4 | 67.0 | 68.8 |
| 72.5° | 304.6 | 169.2 | 109.2 | 86.6 | 74.8 | 68.2 | 63.6 | 62.7 | 62.1 | 61.5 | 62.1 |
| 75° | 161.1 | 105.9 | 82.6 | 72.4 | 65.4 | 60.0 | 57.0 | 55.8 | 56.1 | 56.1 | 56.1 |
| 77.5° | 99.8 | 80.5 | 70.6 | 63.9 | 58.5 | 53.1 | 50.1 | 49.2 | 49.5 | 50.1 | 50.4 |
| 80° | 76.6 | 70.3 | 62.1 | 57.3 | 49.5 | 44.9 | 43.4 | 43.1 | 43.7 | 43.7 | 44.6 |
| 82.5° | 56.1 | 54.3 | 51.3 | 45.2 | 39.2 | 36.2 | 35.9 | 37.1 | 35.9 | 35.6 | 36.2 |
| 85° | 32.9 | 30.8 | 33.5 | 28.7 | 26.2 | 24.4 | 25.6 | 28.0 | 29.3 | 27.7 | 27.1 |
| 87.5° | 10.6 | 7.2 | 10.6 | 11.8 | 10.6 | 9.0 | 11.5 | 13.6 | 13.9 | 13.3 | 15.1 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P145794

CATALOG NUMBER: LDRC-SLL-F02-E-7030

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 498.8 | 498.8 | 498.8 | 498.8 | 498.8 | 498.8 | 498.8 | 498.8 | 498.8 | 498.8 | 498.8 |
| 2.5° | 504.9 | 507.0 | 504.9 | 505.8 | 505.5 | 504.9 | 505.8 | 504.6 | 504.0 | 505.8 | 505.5 |
| 5° | 523.9 | 524.2 | 521.5 | 521.8 | 521.5 | 519.0 | 519.0 | 517.8 | 516.3 | 516.6 | 516.0 |
| 7.5° | 539.3 | 538.7 | 536.5 | 535.6 | 532.9 | 531.1 | 529.9 | 528.1 | 526.9 | 525.7 | 525.1 |
| 10° | 551.0 | 549.5 | 548.0 | 545.3 | 542.6 | 541.1 | 537.7 | 535.0 | 534.1 | 532.3 | 531.1 |
| 12.5° | 561.3 | 558.6 | 556.1 | 552.8 | 549.5 | 547.1 | 543.2 | 541.1 | 539.6 | 537.1 | 535.3 |
| 15° | 567.0 | 561.9 | 557.4 | 552.2 | 548.6 | 545.0 | 540.5 | 539.6 | 537.4 | 535.0 | 531.7 |
| 17.5° | 560.1 | 552.8 | 544.4 | 539.0 | 533.5 | 528.1 | 523.6 | 523.6 | 522.7 | 520.0 | 514.2 |
| 20° | 545.9 | 535.0 | 525.1 | 516.3 | 510.9 | 503.1 | 500.4 | 496.1 | 493.1 | 488.3 | 481.0 |
| 22.5° | 522.7 | 511.2 | 498.2 | 489.5 | 480.1 | 471.4 | 466.0 | 459.3 | 456.9 | 449.1 | 439.4 |
| 25° | 496.7 | 480.1 | 466.3 | 454.8 | 441.8 | 431.6 | 424.0 | 415.0 | 409.0 | 401.4 | 389.4 |
| 27.5° | 466.0 | 448.8 | 433.1 | 420.4 | 406.9 | 392.7 | 378.8 | 368.3 | 357.4 | 348.6 | 341.7 |
| 30° | 432.8 | 415.0 | 395.7 | 380.9 | 365.2 | 347.4 | 336.0 | 321.8 | 313.4 | 303.7 | 294.7 |
| 32.5° | 389.4 | 373.7 | 351.1 | 333.9 | 314.6 | 300.7 | 291.3 | 277.8 | 267.8 | 259.7 | 254.5 |
| 35° | 341.7 | 318.2 | 295.6 | 282.6 | 269.3 | 258.2 | 245.2 | 234.6 | 228.0 | 219.6 | 215.0 |
| 37.5° | 289.8 | 262.4 | 243.1 | 231.6 | 218.1 | 212.6 | 204.5 | 198.1 | 192.1 | 186.4 | 182.8 |
| 40° | 243.4 | 218.1 | 200.6 | 190.9 | 181.9 | 175.8 | 170.7 | 168.0 | 164.1 | 159.5 | 156.8 |
| 42.5° | 204.8 | 184.6 | 167.4 | 158.3 | 151.4 | 150.8 | 147.5 | 145.4 | 143.9 | 141.1 | 136.9 |
| 45° | 174.6 | 156.2 | 141.4 | 134.2 | 131.2 | 131.5 | 131.5 | 129.7 | 129.7 | 128.8 | 126.1 |
| 47.5° | 154.4 | 137.8 | 127.0 | 122.1 | 120.9 | 121.2 | 120.3 | 119.7 | 120.0 | 119.7 | 118.2 |
| 50° | 138.7 | 124.6 | 115.5 | 113.7 | 113.4 | 113.1 | 111.9 | 111.0 | 110.7 | 111.3 | 111.0 |
| 52.5° | 122.8 | 111.0 | 105.9 | 105.3 | 105.6 | 105.6 | 105.3 | 105.0 | 105.6 | 106.2 | 105.3 |
| 55° | 113.7 | 105.3 | 101.9 | 101.9 | 101.9 | 101.9 | 101.6 | 101.3 | 102.2 | 103.1 | 101.6 |
| 57.5° | 105.3 | 99.2 | 98.0 | 98.0 | 98.0 | 97.4 | 97.4 | 97.7 | 98.9 | 100.7 | 98.9 |
| 60° | 98.9 | 95.9 | 95.9 | 96.2 | 95.9 | 94.7 | 93.8 | 93.8 | 95.3 | 97.7 | 96.2 |
| 62.5° | 92.9 | 91.4 | 92.0 | 91.7 | 91.1 | 89.6 | 88.4 | 88.4 | 90.2 | 92.6 | 93.2 |
| 63° | 91.4 | 90.2 | 90.8 | 90.5 | 89.9 | 88.7 | 87.5 | 87.5 | 89.0 | 91.4 | 92.3 |
| 65° | 84.7 | 85.1 | 85.4 | 85.7 | 85.4 | 85.1 | 83.5 | 82.9 | 84.1 | 86.0 | 87.2 |
| 67.5° | 76.9 | 77.5 | 78.1 | 79.6 | 79.0 | 79.0 | 78.1 | 77.5 | 77.8 | 78.7 | 79.6 |
| 70° | 69.7 | 70.3 | 71.2 | 71.8 | 72.1 | 72.4 | 71.8 | 70.9 | 71.2 | 71.5 | 72.1 |
| 72.5° | 62.7 | 63.3 | 63.9 | 65.1 | 65.1 | 65.1 | 64.5 | 63.9 | 64.2 | 64.8 | 65.4 |
| 75° | 56.4 | 56.7 | 57.3 | 58.2 | 58.5 | 57.9 | 57.9 | 57.3 | 57.6 | 58.5 | 59.1 |
| 77.5° | 50.1 | 49.5 | 49.8 | 50.4 | 51.3 | 51.3 | 51.6 | 51.3 | 51.9 | 52.5 | 53.1 |
| 80° | 42.8 | 42.2 | 41.6 | 41.9 | 43.1 | 44.6 | 46.1 | 46.1 | 47.0 | 47.4 | 48.3 |
| 82.5° | 34.1 | 33.5 | 33.2 | 34.1 | 33.8 | 35.9 | 39.2 | 41.0 | 42.2 | 43.4 | 44.0 |
| 85° | 26.5 | 25.0 | 25.6 | 25.6 | 25.0 | 28.4 | 31.4 | 33.8 | 34.1 | 35.9 | 36.2 |
| 87.5° | 15.7 | 15.1 | 14.5 | 13.9 | 16.0 | 19.3 | 22.0 | 22.9 | 23.5 | 24.4 | 25.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P145794

CATALOG NUMBER: LDRC-SLL-F02-E-7030

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 498.8 | 498.8 | 498.8 | 498.8 | 498.8 | 498.8 | 498.8 | 498.8 | 498.8 | 498.8 | 498.8 |
| 2.5° | 503.1 | 505.5 | 504.9 | 504.6 | 504.9 | 504.6 | 503.7 | 504.0 | 503.4 | 503.7 | 503.1 |
| 5° | 512.7 | 513.9 | 513.0 | 511.5 | 511.5 | 509.4 | 507.9 | 506.7 | 505.2 | 504.6 | 503.4 |
| 7.5° | 522.1 | 521.2 | 520.0 | 517.2 | 515.7 | 513.0 | 510.9 | 508.5 | 507.0 | 505.2 | 503.1 |
| 10° | 527.8 | 526.0 | 523.6 | 520.3 | 516.0 | 513.6 | 510.6 | 507.0 | 505.2 | 504.3 | 502.2 |
| 12.5° | 530.5 | 525.7 | 521.8 | 515.7 | 509.7 | 505.2 | 501.9 | 498.2 | 497.3 | 496.1 | 494.6 |
| 15° | 524.2 | 517.2 | 507.3 | 499.1 | 491.3 | 485.0 | 482.3 | 478.3 | 477.4 | 477.1 | 476.8 |
| 17.5° | 502.8 | 492.2 | 482.6 | 471.7 | 464.8 | 459.0 | 456.6 | 455.7 | 454.2 | 453.6 | 453.9 |
| 20° | 468.4 | 459.3 | 449.7 | 446.1 | 437.9 | 436.4 | 432.8 | 430.4 | 427.7 | 426.8 | 425.3 |
| 22.5° | 428.3 | 417.1 | 411.1 | 408.4 | 405.0 | 397.2 | 395.4 | 393.0 | 389.4 | 386.6 | 386.0 |
| 25° | 381.5 | 372.5 | 372.2 | 365.8 | 363.1 | 358.9 | 354.1 | 351.1 | 348.9 | 345.6 | 343.2 |
| 27.5° | 333.9 | 330.6 | 324.8 | 320.0 | 318.2 | 315.8 | 308.5 | 307.0 | 304.6 | 301.9 | 299.2 |
| 30° | 289.5 | 287.1 | 281.7 | 277.2 | 274.5 | 269.6 | 262.7 | 263.3 | 258.5 | 254.8 | 252.4 |
| 32.5° | 246.4 | 244.6 | 239.5 | 238.3 | 229.5 | 227.1 | 219.9 | 214.4 | 209.6 | 206.0 | 203.0 |
| 35° | 207.5 | 202.7 | 203.0 | 197.5 | 192.7 | 185.5 | 177.9 | 171.0 | 167.1 | 165.3 | 162.6 |
| 37.5° | 179.5 | 174.9 | 170.4 | 164.4 | 158.9 | 153.8 | 149.3 | 147.2 | 144.8 | 145.4 | 145.7 |
| 40° | 154.1 | 150.8 | 147.5 | 143.3 | 139.9 | 137.8 | 136.6 | 136.6 | 136.9 | 138.4 | 139.6 |
| 42.5° | 136.0 | 133.3 | 131.5 | 130.0 | 130.6 | 130.6 | 131.5 | 133.0 | 134.5 | 136.6 | 137.8 |
| 45° | 124.0 | 122.4 | 121.8 | 122.4 | 124.3 | 125.8 | 127.9 | 130.3 | 132.7 | 134.8 | 135.7 |
| 47.5° | 116.7 | 115.8 | 115.8 | 117.3 | 120.0 | 122.4 | 125.8 | 128.2 | 130.9 | 132.7 | 133.3 |
| 50° | 108.9 | 108.6 | 108.6 | 109.8 | 112.2 | 115.2 | 118.5 | 120.9 | 123.4 | 124.9 | 125.5 |
| 52.5° | 104.4 | 103.4 | 103.1 | 104.7 | 106.8 | 109.8 | 113.1 | 115.5 | 117.3 | 118.5 | 118.8 |
| 55° | 100.4 | 99.5 | 98.9 | 100.7 | 103.1 | 105.9 | 109.8 | 112.5 | 114.3 | 115.8 | 117.0 |
| 57.5° | 97.1 | 96.2 | 95.6 | 97.7 | 100.1 | 103.4 | 106.8 | 109.8 | 112.2 | 114.0 | 115.2 |
| 60° | 94.4 | 93.2 | 92.6 | 95.0 | 97.4 | 100.7 | 104.1 | 107.4 | 110.7 | 112.8 | 113.4 |
| 62.5° | 91.1 | 90.2 | 89.3 | 90.8 | 92.0 | 94.4 | 97.4 | 100.7 | 103.7 | 105.9 | 105.9 |
| 63° | 90.2 | 89.9 | 88.7 | 89.9 | 91.1 | 93.2 | 96.2 | 99.2 | 102.2 | 104.7 | 104.4 |
| 65° | 86.3 | 86.3 | 85.7 | 86.9 | 88.1 | 90.2 | 92.6 | 95.9 | 98.6 | 100.4 | 100.7 |
| 67.5° | 79.9 | 80.2 | 80.8 | 82.0 | 84.4 | 86.6 | 89.3 | 92.3 | 94.7 | 95.9 | 96.5 |
| 70° | 72.7 | 73.3 | 74.5 | 76.3 | 78.4 | 80.2 | 82.0 | 85.1 | 87.2 | 88.4 | 89.0 |
| 72.5° | 65.7 | 67.3 | 68.2 | 69.7 | 70.9 | 72.7 | 74.2 | 77.2 | 79.0 | 79.9 | 81.4 |
| 75° | 59.4 | 60.6 | 61.2 | 62.1 | 63.3 | 63.9 | 65.7 | 67.0 | 69.4 | 70.6 | 72.4 |
| 77.5° | 53.4 | 54.0 | 54.9 | 56.4 | 56.7 | 57.6 | 58.2 | 60.0 | 61.2 | 62.4 | 63.9 |
| 80° | 48.0 | 48.6 | 49.8 | 50.7 | 51.0 | 51.6 | 51.9 | 51.6 | 51.3 | 50.4 | 51.6 |
| 82.5° | 43.1 | 43.7 | 45.2 | 46.1 | 47.0 | 47.0 | 46.7 | 43.4 | 41.9 | 42.5 | 43.4 |
| 85° | 35.6 | 36.2 | 37.7 | 39.5 | 39.8 | 39.5 | 39.8 | 36.5 | 34.4 | 33.5 | 34.4 |
| 87.5° | 22.3 | 21.7 | 26.8 | 29.3 | 27.4 | 28.0 | 28.4 | 26.5 | 24.7 | 21.1 | 22.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P145794
 CATALOG NUMBER: LDRC-SLL-F02-E-7030

REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 498.8 | 498.8 | 498.8 | 498.8 | 498.8 | 498.8 | 498.8 | 498.8 | 498.8 | 498.8 | 498.8 | 0° |
| 2.5° | 503.7 | 501.6 | 501.9 | 502.5 | 502.5 | 503.4 | 502.2 | 500.7 | 501.6 | 500.0 | 499.7 | 2.5° |
| 5° | 503.4 | 500.7 | 500.7 | 501.3 | 500.7 | 501.3 | 500.4 | 498.8 | 499.7 | 497.9 | 497.6 | 5° |
| 7.5° | 502.2 | 500.7 | 501.3 | 501.9 | 501.0 | 501.3 | 501.0 | 498.8 | 499.1 | 498.2 | 496.1 | 7.5° |
| 10° | 501.6 | 500.7 | 501.9 | 503.7 | 503.7 | 504.0 | 503.1 | 500.7 | 499.1 | 498.2 | 496.4 | 10° |
| 12.5° | 495.2 | 496.4 | 498.8 | 503.1 | 504.6 | 507.0 | 508.2 | 507.0 | 507.6 | 506.4 | 505.8 | 12.5° |
| 15° | 477.1 | 480.1 | 484.1 | 490.4 | 494.9 | 500.4 | 507.0 | 510.0 | 515.7 | 520.3 | 523.3 | 15° |
| 17.5° | 455.4 | 457.5 | 461.7 | 469.0 | 474.7 | 485.6 | 494.6 | 504.9 | 516.0 | 528.1 | 538.7 | 17.5° |
| 20° | 428.6 | 427.1 | 433.7 | 441.5 | 451.5 | 463.6 | 476.8 | 492.2 | 510.6 | 529.9 | 548.3 | 20° |
| 22.5° | 389.1 | 389.1 | 396.0 | 405.3 | 417.4 | 431.3 | 449.7 | 466.3 | 490.4 | 518.4 | 545.6 | 22.5° |
| 25° | 343.8 | 344.7 | 349.6 | 360.1 | 368.6 | 388.5 | 405.6 | 427.1 | 456.0 | 486.8 | 523.0 | 25° |
| 27.5° | 295.6 | 301.6 | 300.4 | 311.6 | 322.7 | 342.3 | 365.8 | 387.6 | 419.8 | 452.7 | 494.0 | 27.5° |
| 30° | 251.8 | 250.9 | 250.6 | 263.9 | 275.1 | 292.9 | 312.2 | 339.6 | 372.2 | 414.4 | 462.0 | 30° |
| 32.5° | 197.5 | 200.9 | 203.3 | 211.1 | 223.2 | 239.8 | 260.6 | 289.2 | 328.4 | 371.0 | 424.6 | 32.5° |
| 35° | 163.2 | 164.1 | 167.4 | 171.9 | 182.5 | 196.3 | 218.1 | 243.4 | 277.8 | 321.8 | 378.8 | 35° |
| 37.5° | 146.3 | 147.2 | 150.8 | 155.0 | 162.6 | 172.8 | 187.6 | 207.2 | 238.9 | 279.9 | 333.0 | 37.5° |
| 40° | 140.8 | 141.8 | 143.9 | 147.8 | 154.7 | 163.5 | 175.2 | 190.3 | 213.2 | 245.2 | 291.6 | 40° |
| 42.5° | 138.4 | 138.4 | 138.7 | 141.8 | 148.7 | 158.9 | 171.6 | 185.2 | 202.1 | 226.2 | 263.9 | 42.5° |
| 45° | 135.7 | 135.7 | 135.4 | 137.5 | 143.0 | 154.7 | 170.1 | 186.7 | 205.1 | 225.9 | 255.5 | 45° |
| 47.5° | 133.3 | 132.7 | 132.1 | 133.0 | 137.5 | 149.6 | 167.4 | 187.6 | 211.1 | 237.1 | 266.9 | 47.5° |
| 50° | 124.9 | 124.9 | 124.6 | 124.9 | 129.1 | 141.8 | 162.3 | 186.7 | 216.5 | 250.0 | 286.2 | 50° |
| 52.5° | 118.8 | 119.1 | 119.4 | 119.4 | 122.8 | 135.7 | 158.3 | 187.0 | 222.6 | 262.7 | 308.5 | 52.5° |
| 55° | 117.3 | 117.9 | 117.9 | 117.3 | 120.0 | 131.8 | 154.7 | 186.1 | 226.8 | 276.9 | 332.4 | 55° |
| 57.5° | 115.5 | 115.8 | 116.1 | 115.5 | 117.3 | 127.6 | 149.6 | 181.9 | 225.6 | 282.3 | 350.2 | 57.5° |
| 60° | 113.1 | 111.9 | 111.6 | 110.7 | 111.9 | 120.0 | 140.5 | 172.8 | 218.4 | 279.9 | 356.2 | 60° |
| 62.5° | 106.5 | 105.6 | 104.7 | 103.7 | 104.7 | 110.7 | 130.6 | 161.7 | 206.3 | 270.2 | 351.4 | 62.5° |
| 63° | 105.0 | 104.4 | 103.4 | 102.5 | 102.5 | 109.2 | 127.3 | 158.9 | 203.3 | 267.5 | 349.6 | 63° |
| 65° | 100.7 | 100.4 | 99.8 | 98.9 | 98.6 | 103.7 | 119.7 | 146.6 | 189.1 | 255.5 | 338.1 | 65° |
| 67.5° | 95.9 | 95.9 | 95.6 | 94.4 | 92.9 | 95.9 | 107.1 | 128.2 | 164.4 | 224.4 | 309.7 | 67.5° |
| 70° | 89.0 | 89.0 | 88.7 | 88.1 | 86.3 | 88.4 | 95.6 | 109.5 | 135.4 | 183.4 | 259.7 | 70° |
| 72.5° | 82.0 | 82.0 | 82.9 | 82.6 | 82.9 | 83.2 | 86.9 | 94.4 | 110.1 | 142.7 | 196.3 | 72.5° |
| 75° | 73.0 | 74.5 | 74.8 | 75.4 | 75.7 | 75.4 | 77.2 | 81.7 | 90.8 | 109.5 | 143.3 | 75° |
| 77.5° | 65.4 | 67.6 | 67.3 | 66.7 | 66.4 | 66.7 | 66.4 | 68.5 | 75.1 | 86.9 | 106.2 | 77.5° |
| 80° | 54.0 | 56.1 | 56.1 | 55.8 | 55.2 | 55.8 | 55.2 | 57.3 | 62.7 | 73.0 | 84.4 | 80° |
| 82.5° | 44.3 | 45.8 | 46.7 | 47.4 | 46.7 | 49.2 | 49.2 | 48.6 | 52.8 | 61.8 | 71.2 | 82.5° |
| 85° | 35.6 | 37.1 | 38.0 | 39.2 | 39.8 | 39.2 | 38.9 | 38.3 | 40.7 | 48.0 | 54.3 | 85° |
| 87.5° | 22.6 | 23.8 | 23.8 | 24.1 | 24.1 | 25.0 | 23.2 | 21.1 | 19.3 | 27.4 | 28.7 | 87.5° |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 90° |



NUMBER: P145794

NUMBER: LDRC-SLL-F02-E-7030

DISTRIBUTION (continued):

| 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|-------|-------|--------|--------|--------|--------|
| 498.8 | 498.8 | 498.8 | 498.8 | 498.8 | 498.8 | 498.8 |
| 498.8 | 498.8 | 499.1 | 498.2 | 499.1 | 499.1 | 498.2 |
| 496.7 | 496.1 | 496.1 | 495.8 | 496.4 | 496.1 | 495.8 |
| 494.9 | 494.9 | 493.7 | 492.8 | 492.5 | 493.7 | 493.1 |
| 494.3 | 493.7 | 493.4 | 492.8 | 493.1 | 494.0 | 494.6 |
| 505.2 | 503.1 | 503.7 | 503.4 | 503.7 | 504.6 | 506.4 |
| 525.1 | 525.1 | 526.6 | 523.3 | 524.8 | 526.3 | 528.7 |
| 547.4 | 552.8 | 555.5 | 555.2 | 555.8 | 557.1 | 559.8 |
| 566.4 | 583.6 | 595.7 | 598.7 | 606.8 | 608.6 | 604.4 |
| 574.8 | 605.6 | 632.8 | 650.8 | 671.1 | 679.2 | 681.6 |
| 557.7 | 602.0 | 646.6 | 688.2 | 728.1 | 751.0 | 771.2 |
| 539.9 | 592.3 | 651.8 | 713.9 | 778.7 | 837.2 | 881.0 |
| 515.1 | 584.5 | 664.7 | 748.6 | 834.5 | 916.0 | 988.9 |
| 488.0 | 571.8 | 665.9 | 767.9 | 874.0 | 975.4 | 1063.7 |
| 449.1 | 542.3 | 646.6 | 764.9 | 887.9 | 1014.9 | 1125.3 |
| 404.4 | 495.2 | 612.2 | 747.4 | 887.0 | 1035.1 | 1167.5 |
| 356.8 | 449.7 | 572.7 | 717.5 | 875.2 | 1041.4 | 1197.0 |
| 320.9 | 412.9 | 533.5 | 689.2 | 857.7 | 1037.2 | 1211.2 |
| 302.5 | 381.2 | 501.6 | 661.4 | 838.1 | 1026.9 | 1217.2 |
| 306.1 | 372.8 | 482.6 | 638.5 | 820.6 | 1015.8 | 1215.7 |
| 326.3 | 385.4 | 482.3 | 630.0 | 809.5 | 1005.5 | 1211.5 |
| 356.8 | 414.1 | 499.7 | 640.0 | 815.5 | 1004.6 | 1211.2 |
| 391.2 | 454.2 | 542.0 | 666.8 | 841.2 | 1020.9 | 1218.5 |
| 424.3 | 503.1 | 596.3 | 726.8 | 889.7 | 1061.6 | 1247.7 |
| 444.0 | 547.7 | 665.9 | 811.6 | 964.5 | 1133.1 | 1311.9 |
| 448.5 | 574.5 | 727.8 | 894.8 | 1067.1 | 1236.5 | 1412.1 |
| 448.2 | 577.3 | 738.3 | 912.0 | 1087.9 | 1260.4 | 1437.7 |
| 441.2 | 582.7 | 766.7 | 968.7 | 1171.4 | 1362.6 | 1544.8 |
| 419.5 | 573.0 | 782.3 | 1021.5 | 1254.3 | 1475.4 | 1705.8 |
| 369.8 | 529.0 | 763.9 | 1038.7 | 1303.8 | 1550.2 | 1813.2 |
| 289.5 | 436.4 | 659.6 | 949.4 | 1236.9 | 1483.3 | 1815.9 |
| 203.6 | 308.5 | 507.6 | 779.6 | 1011.0 | 1253.4 | 1622.0 |
| 141.8 | 200.0 | 329.6 | 524.5 | 729.6 | 914.4 | 1205.8 |
| 103.7 | 133.0 | 197.5 | 313.7 | 442.7 | 571.5 | 748.3 |
| 79.9 | 95.9 | 126.4 | 189.4 | 250.0 | 320.0 | 451.2 |
| 56.1 | 63.3 | 78.1 | 117.0 | 167.7 | 228.9 | 330.6 |
| 24.4 | 28.7 | 37.7 | 69.1 | 113.4 | 109.2 | 104.1 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)