

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: P167639

Luminaire Tested: **LDRV-T2-E04-E-7030**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P167639  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33694)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMARK  
Catalog Number: LDRV-T2-E04-E-7030  
Description: RIDGEVIEW LED AREA/SITE LUMINAIRE  
(4) LIGHTBARS WITH AccuLED OPTICS - TYPE 2  
Light Source: (84) 3000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 10955 lumens  
Efficiency: N/A  
Efficacy: 112.7 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.67' x L: 1' x H: 0.1')  
IES Classification: Type II - Short - Semi-Cutoff  
BUG Rating: B3 - U0 - G3

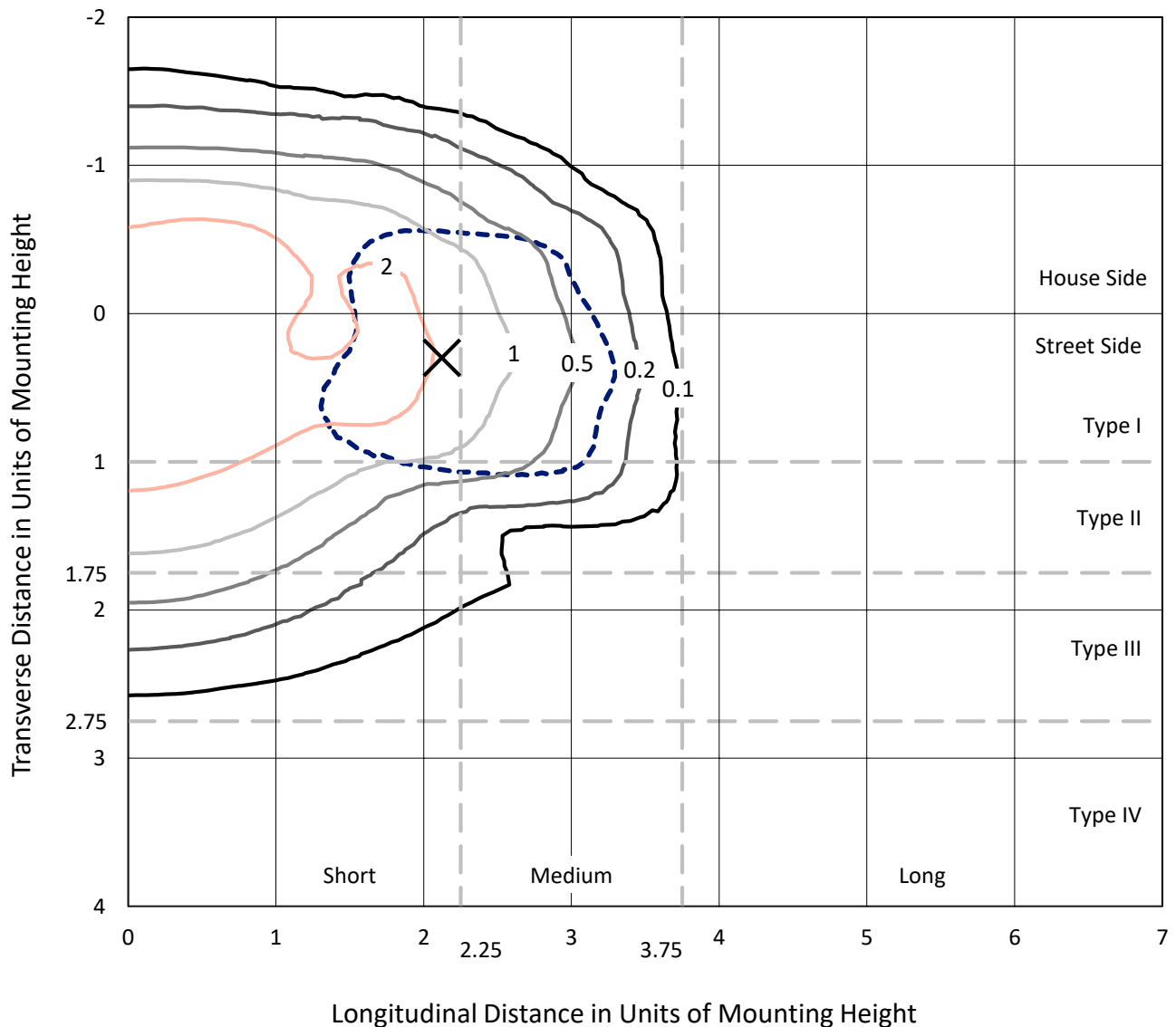
Input Watts (W): 97.2  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Footcandle Lines of Horizontal Illumination

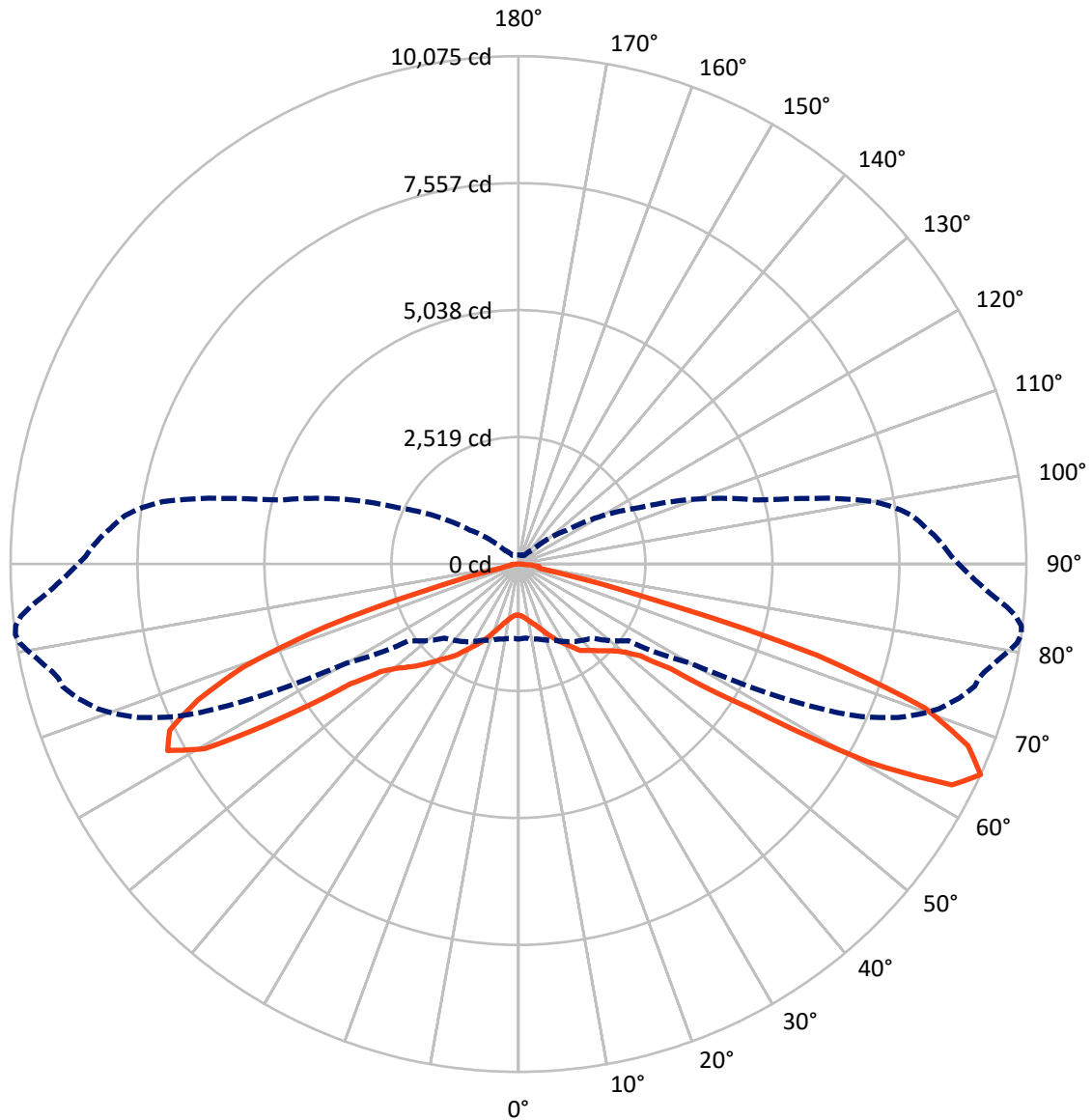
✕ Max cd  
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 3.3 fc  
 Type II - Short - Semi-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 82-Deg Lateral      - - - Horizontal Cone Through 65-Deg Vertical

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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 4032.6   | 0.0    | 4032.6  |
|                    | % Fixture | 36.8     | 0.0    | 36.8    |
| <b>Street Side</b> | Lumens    | 6922.4   | 0.0    | 6922.4  |
|                    | % Fixture | 63.2     | 0.0    | 63.2    |
| <b>Total</b>       | Lumens    | 10955.0  | 0.0    | 10955.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 103.0   | 0.9       |
| 10°-20°   | 362.8   | 3.3       |
| 20°-30°   | 719.6   | 6.6       |
| 30°-40°   | 1227.8  | 11.2      |
| 40°-50°   | 1841.1  | 16.8      |
| 50°-60°   | 2562.7  | 23.4      |
| 60°-70°   | 2944.2  | 26.9      |
| 70°-80°   | 1016.0  | 9.3       |
| 80°-90°   | 177.7   | 1.6       |
| 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°    | 10955.0 | 100.0     |
| 0°-180°   | 10955.0 | 100.0     |



REPORT NUMBER: P167639

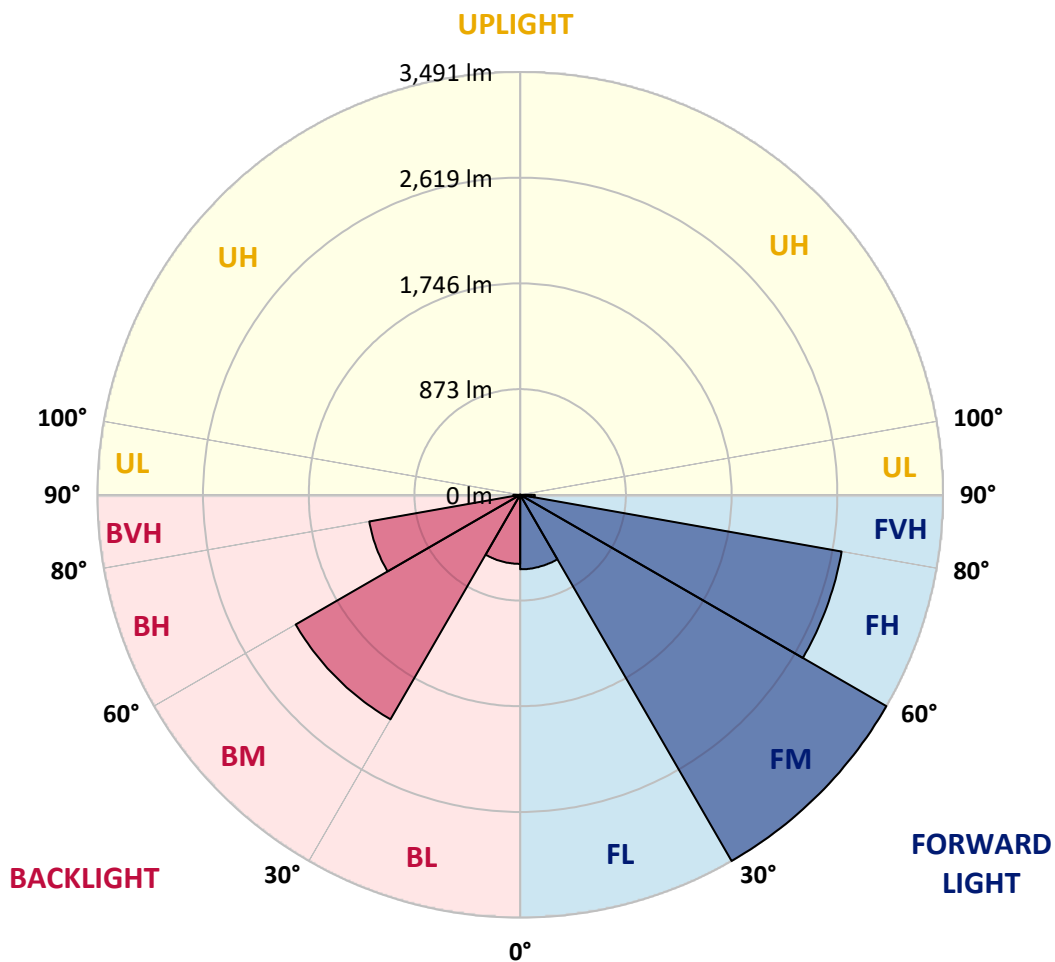
CATALOG NUMBER: LDRV-T2-E04-E-7030

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 614.9  | 5.6       |                         |      |         |
| FM   | (30°-60°)   | 3491.5 | 31.9      |                         |      |         |
| FH   | (60°-80°)   | 2695.3 | 24.6      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 120.7  | 1.1       |                         |      | G2/225  |
| BL   | (0°-30°)    | 570.4  | 5.2       | B2/1000                 |      |         |
| BM   | (30°-60°)   | 2140.2 | 19.5      | B2/2500                 |      |         |
| BH   | (60°-80°)   | 1265.0 | 11.5      | B3/2500                 |      | G3/2500 |
| BVH  | (80°-90°)   | 57.0   | 0.5       |                         |      | G1/100  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B3-U0-G3**

Type II Short





REPORT NUMBER: P167639

CATALOG NUMBER: LDRV-T2-E04-E-7030

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 60°    | 61°    | 62°    | 64°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1014.9 | 1014.9 | 1014.9 | 1014.9 | 1014.9 | 1014.9 | 1014.9 | 1014.9 | 1014.9 | 1014.9 | 1014.9 |
| 2.5°  | 1071.2 | 1070.4 | 1069.7 | 1066.8 | 1065.3 | 1059.5 | 1053.6 | 1050.0 | 1047.1 | 1048.5 | 1044.1 |
| 5°    | 1133.3 | 1133.3 | 1130.4 | 1126.7 | 1122.3 | 1114.3 | 1099.7 | 1092.4 | 1090.9 | 1090.9 | 1085.8 |
| 7.5°  | 1196.9 | 1201.2 | 1193.2 | 1190.3 | 1183.0 | 1170.5 | 1153.7 | 1144.2 | 1141.3 | 1141.3 | 1136.9 |
| 10°   | 1277.2 | 1275.0 | 1266.3 | 1260.4 | 1245.8 | 1229.0 | 1206.4 | 1195.4 | 1191.0 | 1194.7 | 1187.4 |
| 12.5° | 1362.0 | 1361.3 | 1348.1 | 1337.1 | 1316.7 | 1289.7 | 1259.7 | 1245.1 | 1242.2 | 1242.2 | 1237.8 |
| 15°   | 1448.2 | 1448.9 | 1434.3 | 1413.9 | 1381.7 | 1345.2 | 1311.6 | 1297.7 | 1294.0 | 1292.6 | 1287.5 |
| 17.5° | 1514.0 | 1521.3 | 1506.7 | 1480.4 | 1440.9 | 1400.7 | 1364.9 | 1351.0 | 1350.3 | 1348.8 | 1343.0 |
| 20°   | 1551.2 | 1552.7 | 1544.7 | 1525.7 | 1490.6 | 1451.9 | 1427.0 | 1420.4 | 1419.7 | 1420.4 | 1421.9 |
| 22.5° | 1549.8 | 1552.0 | 1549.0 | 1541.7 | 1519.1 | 1497.9 | 1495.0 | 1498.6 | 1500.8 | 1498.6 | 1503.7 |
| 25°   | 1538.1 | 1541.0 | 1541.0 | 1544.7 | 1538.8 | 1546.1 | 1569.5 | 1579.7 | 1580.5 | 1581.9 | 1592.9 |
| 27.5° | 1563.7 | 1566.6 | 1565.8 | 1572.4 | 1577.5 | 1603.1 | 1645.5 | 1663.8 | 1666.0 | 1671.1 | 1681.3 |
| 30°   | 1682.0 | 1682.8 | 1669.6 | 1668.9 | 1674.0 | 1694.4 | 1737.6 | 1758.7 | 1756.6 | 1766.8 | 1773.4 |
| 32.5° | 1869.1 | 1874.9 | 1861.8 | 1847.9 | 1845.7 | 1848.6 | 1856.7 | 1871.3 | 1869.1 | 1874.2 | 1883.0 |
| 35°   | 2082.4 | 2083.2 | 2075.9 | 2083.9 | 2088.3 | 2068.6 | 2030.6 | 2026.9 | 2015.2 | 2017.4 | 2020.3 |
| 37.5° | 2278.3 | 2283.4 | 2297.3 | 2348.4 | 2377.6 | 2329.4 | 2254.9 | 2208.1 | 2200.8 | 2197.2 | 2171.6 |
| 40°   | 2461.7 | 2487.2 | 2520.8 | 2587.3 | 2627.5 | 2645.1 | 2539.1 | 2444.9 | 2419.3 | 2409.1 | 2368.9 |
| 42.5° | 2676.5 | 2689.6 | 2729.1 | 2805.1 | 2858.4 | 2938.1 | 2867.2 | 2763.4 | 2733.5 | 2689.6 | 2639.2 |
| 45°   | 2858.4 | 2867.2 | 2892.0 | 2956.3 | 3068.1 | 3201.1 | 3209.1 | 3136.8 | 3113.4 | 3069.6 | 2995.8 |
| 47.5° | 2980.4 | 2979.7 | 2998.0 | 3060.8 | 3206.2 | 3409.4 | 3529.9 | 3527.0 | 3500.0 | 3484.6 | 3421.8 |
| 50°   | 3027.9 | 3027.2 | 3038.9 | 3109.0 | 3267.6 | 3533.6 | 3799.5 | 3890.9 | 3890.1 | 3896.0 | 3863.8 |
| 52.5° | 3036.7 | 3036.0 | 3037.4 | 3093.7 | 3255.2 | 3576.7 | 3993.9 | 4209.4 | 4240.9 | 4280.3 | 4316.1 |
| 55°   | 2970.9 | 2978.3 | 2994.3 | 3053.5 | 3208.4 | 3559.1 | 4137.8 | 4508.3 | 4583.6 | 4663.9 | 4794.0 |
| 57.5° | 2819.0 | 2832.8 | 2888.4 | 2994.3 | 3158.7 | 3516.0 | 4237.9 | 4878.0 | 5030.7 | 5225.1 | 5577.3 |
| 60°   | 2601.2 | 2613.6 | 2690.4 | 2830.7 | 3014.1 | 3328.2 | 4121.8 | 5032.9 | 5323.0 | 5660.6 | 6382.5 |
| 62.5° | 2216.2 | 2251.2 | 2292.1 | 2391.5 | 2583.7 | 2836.5 | 3600.1 | 4771.3 | 5220.7 | 5716.1 | 6709.8 |
| 65°   | 1488.4 | 1473.8 | 1541.7 | 1668.1 | 1879.3 | 2075.9 | 2652.4 | 3935.4 | 4503.9 | 5185.6 | 6415.4 |
| 67.5° | 921.4  | 923.6  | 969.6  | 1093.1 | 1252.4 | 1405.1 | 1681.3 | 2508.4 | 3012.6 | 3660.7 | 5139.6 |
| 70°   | 761.4  | 770.1  | 807.4  | 922.1  | 1058.0 | 1230.5 | 1248.0 | 1329.8 | 1555.6 | 1869.1 | 3174.8 |
| 72.5° | 604.3  | 607.9  | 645.9  | 741.6  | 933.8  | 1170.5 | 1481.8 | 1010.5 | 993.0  | 1040.5 | 1610.4 |
| 75°   | 374.8  | 377.8  | 396.8  | 458.1  | 605.7  | 911.9  | 1631.6 | 1161.8 | 1088.7 | 1027.3 | 1037.6 |
| 77.5° | 193.6  | 199.5  | 209.7  | 237.5  | 317.8  | 509.3  | 1284.5 | 1473.1 | 1389.8 | 1306.5 | 1143.5 |
| 80°   | 109.6  | 109.6  | 119.1  | 125.7  | 150.5  | 207.5  | 653.2  | 1594.3 | 1741.9 | 1777.7 | 1596.5 |
| 82.5° | 49.0   | 54.8   | 73.8   | 78.9   | 86.2   | 95.0   | 216.3  | 957.9  | 1329.1 | 1660.1 | 2051.8 |
| 85°   | 29.2   | 28.5   | 46.8   | 51.1   | 53.3   | 45.3   | 81.1   | 390.9  | 621.1  | 909.0  | 1359.8 |
| 87.5° | 11.7   | 12.4   | 19.7   | 21.2   | 24.8   | 18.3   | 30.7   | 84.0   | 123.5  | 179.0  | 252.8  |
| 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: P167639

CATALOG NUMBER: LDRV-T2-E04-E-7030

**CANDELA DISTRIBUTION (continued):**

|       | 65°    | 66°    | 67°    | 68°    | 69°    | 70°    | 71°    | 72°    | 73°    | 74°    | 75°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1014.9 | 1014.9 | 1014.9 | 1014.9 | 1014.9 | 1014.9 | 1014.9 | 1014.9 | 1014.9 | 1014.9 | 1014.9 |
| 2.5°  | 1043.4 | 1043.4 | 1042.7 | 1042.0 | 1041.2 | 1039.0 | 1038.3 | 1036.8 | 1036.1 | 1033.9 | 1033.2 |
| 5°    | 1085.1 | 1082.9 | 1082.1 | 1080.7 | 1079.9 | 1077.0 | 1077.0 | 1074.1 | 1071.9 | 1069.0 | 1068.3 |
| 7.5°  | 1134.7 | 1131.8 | 1129.6 | 1128.2 | 1127.4 | 1122.3 | 1122.3 | 1117.9 | 1117.2 | 1113.6 | 1112.1 |
| 10°   | 1185.2 | 1183.0 | 1180.0 | 1178.6 | 1177.9 | 1174.9 | 1172.0 | 1169.1 | 1166.9 | 1164.7 | 1161.8 |
| 12.5° | 1235.6 | 1231.2 | 1229.7 | 1227.5 | 1226.1 | 1223.9 | 1223.2 | 1216.6 | 1216.6 | 1214.4 | 1211.5 |
| 15°   | 1284.5 | 1283.8 | 1278.7 | 1278.0 | 1276.5 | 1277.2 | 1272.8 | 1273.6 | 1271.4 | 1267.7 | 1266.3 |
| 17.5° | 1344.5 | 1339.3 | 1341.5 | 1337.9 | 1338.6 | 1337.1 | 1335.7 | 1335.0 | 1336.4 | 1335.7 | 1337.1 |
| 20°   | 1419.0 | 1417.5 | 1419.7 | 1414.6 | 1419.7 | 1420.4 | 1419.0 | 1422.6 | 1421.2 | 1422.6 | 1418.3 |
| 22.5° | 1507.4 | 1502.3 | 1502.3 | 1505.9 | 1508.1 | 1514.7 | 1511.0 | 1514.0 | 1516.9 | 1519.1 | 1516.2 |
| 25°   | 1596.5 | 1595.1 | 1598.0 | 1600.9 | 1605.3 | 1611.2 | 1609.7 | 1610.4 | 1616.3 | 1619.9 | 1620.6 |
| 27.5° | 1687.1 | 1687.1 | 1695.9 | 1695.9 | 1701.8 | 1708.3 | 1710.5 | 1713.4 | 1717.8 | 1722.9 | 1722.9 |
| 30°   | 1780.7 | 1780.7 | 1788.7 | 1796.0 | 1798.9 | 1807.0 | 1811.4 | 1815.7 | 1823.8 | 1825.2 | 1831.8 |
| 32.5° | 1887.3 | 1889.5 | 1897.6 | 1902.0 | 1908.5 | 1918.0 | 1919.5 | 1924.6 | 1934.1 | 1937.0 | 1942.1 |
| 35°   | 2026.2 | 2018.9 | 2026.2 | 2034.2 | 2037.9 | 2034.9 | 2051.0 | 2057.6 | 2064.2 | 2067.8 | 2074.4 |
| 37.5° | 2169.4 | 2157.0 | 2157.7 | 2156.2 | 2147.5 | 2152.6 | 2152.6 | 2151.1 | 2155.5 | 2154.8 | 2157.7 |
| 40°   | 2350.6 | 2328.7 | 2322.1 | 2308.2 | 2289.2 | 2279.0 | 2268.0 | 2266.6 | 2255.6 | 2260.0 | 2252.0 |
| 42.5° | 2599.0 | 2566.1 | 2548.6 | 2505.5 | 2482.1 | 2454.4 | 2427.3 | 2403.9 | 2391.5 | 2377.6 | 2367.4 |
| 45°   | 2940.3 | 2901.5 | 2859.2 | 2789.7 | 2749.5 | 2694.0 | 2658.2 | 2604.9 | 2569.1 | 2539.1 | 2517.9 |
| 47.5° | 3368.4 | 3303.4 | 3269.1 | 3204.0 | 3133.9 | 3049.9 | 2973.1 | 2898.6 | 2838.0 | 2772.2 | 2720.3 |
| 50°   | 3866.0 | 3784.9 | 3757.9 | 3671.7 | 3632.2 | 3538.0 | 3456.1 | 3364.1 | 3269.1 | 3169.7 | 3074.7 |
| 52.5° | 4306.6 | 4297.1 | 4308.1 | 4250.4 | 4248.9 | 4201.4 | 4110.8 | 4003.4 | 3915.0 | 3814.9 | 3689.9 |
| 55°   | 4834.9 | 4929.2 | 4949.6 | 4941.6 | 4984.7 | 4983.2 | 4974.5 | 4963.5 | 4893.4 | 4751.6 | 4708.5 |
| 57.5° | 5767.3 | 5873.2 | 6029.6 | 6100.4 | 6256.8 | 6275.1 | 6419.8 | 6363.5 | 6470.9 | 6441.7 | 6461.4 |
| 60°   | 6716.4 | 7041.6 | 7338.2 | 7564.0 | 7783.2 | 7982.7 | 8226.7 | 8331.2 | 8409.4 | 8531.4 | 8660.0 |
| 62.5° | 7140.9 | 7550.8 | 7904.5 | 8226.0 | 8498.5 | 8751.4 | 8961.1 | 9159.8 | 9316.2 | 9456.5 | 9564.6 |
| 65°   | 6969.2 | 7444.9 | 7789.8 | 8125.2 | 8379.4 | 8614.7 | 8823.0 | 8972.0 | 9127.7 | 9254.8 | 9369.5 |
| 67.5° | 5802.3 | 6435.8 | 6885.9 | 7266.6 | 7585.9 | 7854.1 | 8070.4 | 8275.7 | 8386.0 | 8524.8 | 8587.0 |
| 70°   | 3843.4 | 4655.9 | 5292.3 | 5806.7 | 6313.1 | 6617.0 | 6873.5 | 7112.4 | 7238.1 | 7350.6 | 7420.1 |
| 72.5° | 2110.9 | 2666.3 | 3345.8 | 3957.4 | 4444.0 | 4842.9 | 5141.8 | 5368.3 | 5497.6 | 5594.1 | 5494.0 |
| 75°   | 1196.1 | 1470.1 | 1802.6 | 2140.9 | 2509.9 | 2791.2 | 2870.1 | 2966.6 | 2989.2 | 2939.5 | 2810.9 |
| 77.5° | 1099.7 | 1099.7 | 1100.4 | 1092.4 | 1108.4 | 1128.2 | 1116.5 | 1096.8 | 1007.6 | 987.9  | 960.1  |
| 80°   | 1429.9 | 1274.3 | 1107.7 | 909.7  | 741.6  | 625.5  | 589.7  | 592.6  | 621.1  | 676.6  | 738.0  |
| 82.5° | 2026.9 | 1873.5 | 1633.1 | 1331.3 | 1059.5 | 831.5  | 681.7  | 613.0  | 612.3  | 667.8  | 747.5  |
| 85°   | 1478.2 | 1490.6 | 1437.2 | 1271.4 | 1014.2 | 798.6  | 645.2  | 495.4  | 447.2  | 447.2  | 441.3  |
| 87.5° | 258.7  | 266.7  | 230.2  | 206.1  | 143.9  | 101.6  | 91.3   | 80.4   | 79.6   | 82.6   | 76.0   |
| 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: P167639

CATALOG NUMBER: LDRV-T2-E04-E-7030

**CANDELA DISTRIBUTION (continued):**

|       | 76°    | 77°    | 78°    | 79°    | 80°    | 81°     | 82°     | 83°     | 84°    | 85°    | 86°    |
|-------|--------|--------|--------|--------|--------|---------|---------|---------|--------|--------|--------|
| 0°    | 1014.9 | 1014.9 | 1014.9 | 1014.9 | 1014.9 | 1014.9  | 1014.9  | 1014.9  | 1014.9 | 1014.9 | 1014.9 |
| 2.5°  | 1033.2 | 1031.7 | 1030.3 | 1029.5 | 1029.5 | 1028.1  | 1028.1  | 1026.6  | 1027.3 | 1026.6 | 1024.4 |
| 5°    | 1066.8 | 1066.1 | 1063.9 | 1060.2 | 1059.5 | 1056.6  | 1057.3  | 1054.4  | 1054.4 | 1052.9 | 1049.3 |
| 7.5°  | 1109.2 | 1107.7 | 1106.2 | 1103.3 | 1100.4 | 1100.4  | 1095.3  | 1095.3  | 1091.6 | 1090.2 | 1087.3 |
| 10°   | 1159.6 | 1155.2 | 1153.0 | 1150.1 | 1149.4 | 1148.6  | 1143.5  | 1143.5  | 1139.1 | 1138.4 | 1136.2 |
| 12.5° | 1209.3 | 1206.4 | 1204.2 | 1202.7 | 1199.0 | 1198.3  | 1196.1  | 1193.9  | 1191.7 | 1190.3 | 1189.5 |
| 15°   | 1263.3 | 1261.9 | 1259.7 | 1259.7 | 1259.7 | 1256.0  | 1253.8  | 1252.4  | 1252.4 | 1250.2 | 1251.7 |
| 17.5° | 1333.5 | 1335.7 | 1332.8 | 1331.3 | 1329.1 | 1332.8  | 1329.1  | 1329.1  | 1331.3 | 1331.3 | 1326.2 |
| 20°   | 1420.4 | 1423.4 | 1420.4 | 1421.2 | 1419.7 | 1420.4  | 1421.2  | 1422.6  | 1425.6 | 1420.4 | 1421.2 |
| 22.5° | 1516.9 | 1517.6 | 1519.8 | 1517.6 | 1521.3 | 1519.1  | 1523.5  | 1527.1  | 1526.4 | 1524.9 | 1525.7 |
| 25°   | 1622.1 | 1619.9 | 1620.6 | 1627.2 | 1632.3 | 1630.9  | 1631.6  | 1637.5  | 1636.0 | 1634.5 | 1635.3 |
| 27.5° | 1728.8 | 1727.3 | 1729.5 | 1735.4 | 1741.2 | 1740.5  | 1739.0  | 1743.4  | 1743.4 | 1739.7 | 1741.2 |
| 30°   | 1834.7 | 1836.9 | 1840.6 | 1840.6 | 1843.5 | 1846.4  | 1844.2  | 1849.4  | 1850.1 | 1847.2 | 1850.8 |
| 32.5° | 1946.5 | 1950.9 | 1949.5 | 1959.7 | 1959.7 | 1960.4  | 1962.6  | 1961.9  | 1969.2 | 1963.3 | 1965.5 |
| 35°   | 2081.0 | 2082.4 | 2091.2 | 2098.5 | 2102.9 | 2106.6  | 2106.6  | 2108.7  | 2112.4 | 2109.5 | 2113.9 |
| 37.5° | 2162.8 | 2165.7 | 2168.7 | 2173.0 | 2173.0 | 2173.0  | 2176.7  | 2177.4  | 2179.6 | 2178.9 | 2180.3 |
| 40°   | 2252.7 | 2253.4 | 2254.1 | 2254.9 | 2257.8 | 2259.3  | 2255.6  | 2260.7  | 2257.1 | 2258.5 | 2260.7 |
| 42.5° | 2361.6 | 2351.3 | 2352.8 | 2350.6 | 2355.7 | 2349.1  | 2350.6  | 2356.4  | 2353.5 | 2357.9 | 2357.9 |
| 45°   | 2488.0 | 2476.3 | 2466.0 | 2460.2 | 2460.2 | 2451.4  | 2452.9  | 2455.1  | 2458.7 | 2464.6 | 2474.8 |
| 47.5° | 2675.0 | 2634.8 | 2615.1 | 2594.6 | 2584.4 | 2573.5  | 2577.1  | 2577.8  | 2579.3 | 2588.8 | 2614.4 |
| 50°   | 2981.2 | 2914.0 | 2862.1 | 2800.0 | 2776.6 | 2757.6  | 2746.6  | 2747.4  | 2747.4 | 2767.1 | 2792.7 |
| 52.5° | 3573.0 | 3448.1 | 3324.6 | 3216.5 | 3123.7 | 3079.1  | 3027.2  | 3014.1  | 3014.8 | 3031.6 | 3049.1 |
| 55°   | 4595.2 | 4423.5 | 4292.7 | 4052.4 | 3979.3 | 3774.0  | 3665.8  | 3603.7  | 3555.5 | 3578.9 | 3604.4 |
| 57.5° | 6429.3 | 6270.7 | 6166.9 | 5879.8 | 5618.2 | 5543.7  | 5366.1  | 5222.2  | 5163.0 | 5094.3 | 5098.7 |
| 60°   | 8679.0 | 8597.2 | 8570.9 | 8402.8 | 8308.6 | 8015.6  | 7992.2  | 7810.2  | 7638.5 | 7490.2 | 7550.8 |
| 62.5° | 9647.9 | 9685.9 | 9716.6 | 9775.8 | 9798.4 | 9770.7  | 9653.0  | 9572.6  | 9431.6 | 9237.3 | 9118.2 |
| 65°   | 9403.1 | 9490.1 | 9620.9 | 9744.4 | 9891.9 | 10014.7 | 10075.4 | 10052.0 | 9924.8 | 9724.6 | 9474.7 |
| 67.5° | 8631.5 | 8719.9 | 8832.5 | 8988.8 | 9214.6 | 9453.5  | 9620.1  | 9726.1  | 9625.3 | 9444.8 | 9190.5 |
| 70°   | 7416.4 | 7502.6 | 7506.3 | 7724.8 | 7968.1 | 8269.1  | 8564.3  | 8675.4  | 8560.7 | 8440.1 | 8227.5 |
| 72.5° | 5554.6 | 5502.8 | 5551.0 | 5591.2 | 5730.0 | 5920.0  | 6206.4  | 6194.0  | 6018.6 | 5925.1 | 5598.5 |
| 75°   | 2610.7 | 2575.6 | 2524.5 | 2490.9 | 2458.7 | 2391.5  | 2423.7  | 2286.3  | 2238.8 | 2257.8 | 1975.8 |
| 77.5° | 938.9  | 890.7  | 813.2  | 738.0  | 643.0  | 532.7   | 449.4   | 394.6   | 367.5  | 368.3  | 351.5  |
| 80°   | 787.7  | 811.1  | 800.1  | 725.6  | 618.9  | 503.4   | 377.0   | 285.7   | 244.0  | 226.5  | 215.6  |
| 82.5° | 854.2  | 971.8  | 1030.3 | 984.2  | 831.5  | 640.1   | 412.1   | 249.2   | 182.7  | 156.4  | 149.8  |
| 85°   | 473.5  | 474.2  | 459.6  | 439.1  | 389.5  | 267.4   | 178.3   | 118.4   | 95.0   | 84.8   | 81.8   |
| 87.5° | 80.4   | 76.7   | 76.7   | 71.6   | 62.8   | 61.4    | 54.8    | 51.9    | 46.0   | 42.4   | 40.9   |
| 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: P167639

CATALOG NUMBER: LDRV-T2-E04-E-7030

**CANDELA DISTRIBUTION (continued):**

|       | 87°    | 88°    | 89°    | 90°    | 91°    | 92°    | 93°    | 94°    | 95°    | 96°    | 97°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1014.9 | 1014.9 | 1014.9 | 1014.9 | 1014.9 | 1014.9 | 1014.9 | 1014.9 | 1014.9 | 1014.9 | 1014.9 |
| 2.5°  | 1022.2 | 1020.8 | 1020.0 | 1019.3 | 1019.3 | 1018.6 | 1018.6 | 1017.1 | 1015.6 | 1014.9 | 1014.2 |
| 5°    | 1045.6 | 1044.1 | 1042.7 | 1041.2 | 1041.2 | 1039.8 | 1038.3 | 1036.8 | 1034.6 | 1031.0 | 1030.3 |
| 7.5°  | 1085.1 | 1082.1 | 1082.1 | 1077.0 | 1077.0 | 1074.1 | 1071.9 | 1071.9 | 1069.0 | 1063.1 | 1062.4 |
| 10°   | 1134.0 | 1128.9 | 1126.7 | 1123.8 | 1122.3 | 1119.4 | 1119.4 | 1116.5 | 1115.0 | 1112.8 | 1105.5 |
| 12.5° | 1186.6 | 1183.0 | 1181.5 | 1177.9 | 1175.7 | 1175.7 | 1174.2 | 1169.1 | 1172.7 | 1167.6 | 1164.0 |
| 15°   | 1250.2 | 1249.5 | 1242.9 | 1245.1 | 1244.3 | 1243.6 | 1244.3 | 1240.0 | 1239.2 | 1239.2 | 1234.8 |
| 17.5° | 1329.8 | 1324.0 | 1324.7 | 1324.7 | 1326.2 | 1326.2 | 1320.3 | 1323.3 | 1324.0 | 1322.5 | 1321.1 |
| 20°   | 1423.4 | 1421.2 | 1423.4 | 1419.0 | 1423.4 | 1423.4 | 1426.3 | 1425.6 | 1426.3 | 1427.7 | 1427.7 |
| 22.5° | 1523.5 | 1529.3 | 1530.0 | 1531.5 | 1526.4 | 1535.2 | 1535.2 | 1536.6 | 1540.3 | 1540.3 | 1541.7 |
| 25°   | 1644.8 | 1641.8 | 1638.2 | 1643.3 | 1644.8 | 1650.6 | 1652.1 | 1652.1 | 1657.9 | 1657.9 | 1660.1 |
| 27.5° | 1745.6 | 1748.5 | 1747.8 | 1750.7 | 1749.2 | 1757.3 | 1760.2 | 1769.0 | 1766.8 | 1771.2 | 1777.0 |
| 30°   | 1849.4 | 1855.2 | 1852.3 | 1853.0 | 1856.7 | 1861.8 | 1867.6 | 1876.4 | 1877.8 | 1889.5 | 1892.5 |
| 32.5° | 1969.2 | 1973.6 | 1977.2 | 1978.7 | 1978.7 | 1987.5 | 1996.9 | 1999.9 | 2015.2 | 2024.0 | 2034.2 |
| 35°   | 2121.2 | 2121.9 | 2124.1 | 2126.3 | 2124.8 | 2134.3 | 2143.8 | 2146.7 | 2162.8 | 2165.0 | 2186.2 |
| 37.5° | 2185.5 | 2186.9 | 2195.7 | 2200.1 | 2203.0 | 2214.7 | 2232.2 | 2245.4 | 2262.9 | 2279.7 | 2303.8 |
| 40°   | 2265.8 | 2274.6 | 2282.6 | 2289.2 | 2300.2 | 2316.3 | 2343.3 | 2356.4 | 2382.7 | 2414.2 | 2437.5 |
| 42.5° | 2367.4 | 2383.5 | 2389.3 | 2401.7 | 2428.8 | 2448.5 | 2475.5 | 2504.0 | 2539.1 | 2577.1 | 2604.9 |
| 45°   | 2488.0 | 2503.3 | 2525.2 | 2539.1 | 2570.5 | 2602.0 | 2645.1 | 2669.9 | 2705.7 | 2749.5 | 2780.2 |
| 47.5° | 2634.1 | 2655.3 | 2677.2 | 2705.7 | 2743.0 | 2775.9 | 2819.0 | 2851.1 | 2886.9 | 2922.7 | 2956.3 |
| 50°   | 2816.0 | 2847.5 | 2876.7 | 2906.6 | 2956.3 | 2984.1 | 3026.5 | 3060.1 | 3093.7 | 3129.5 | 3160.2 |
| 52.5° | 3060.8 | 3108.3 | 3145.6 | 3166.0 | 3233.3 | 3261.0 | 3312.9 | 3336.3 | 3364.1 | 3396.2 | 3435.7 |
| 55°   | 3594.9 | 3668.7 | 3731.6 | 3768.1 | 3870.4 | 3906.9 | 3974.2 | 4008.5 | 3989.5 | 4030.4 | 4101.3 |
| 57.5° | 5139.6 | 5230.2 | 5305.5 | 5355.2 | 5459.6 | 5510.8 | 5514.4 | 5643.0 | 5567.1 | 5642.3 | 5653.3 |
| 60°   | 7389.4 | 7461.0 | 7442.7 | 7443.4 | 7410.6 | 7363.1 | 7454.4 | 7315.6 | 7374.0 | 7377.7 | 7246.9 |
| 62.5° | 8898.2 | 8788.6 | 8737.5 | 8652.7 | 8554.1 | 8478.1 | 8426.2 | 8314.4 | 8225.3 | 8154.4 | 8016.3 |
| 65°   | 9253.3 | 9063.4 | 8895.3 | 8736.7 | 8591.3 | 8490.5 | 8380.9 | 8261.1 | 8121.5 | 8003.9 | 7869.4 |
| 67.5° | 8909.9 | 8643.9 | 8394.8 | 8185.8 | 7987.1 | 7854.1 | 7695.5 | 7581.5 | 7406.2 | 7251.3 | 7149.0 |
| 70°   | 7914.0 | 7545.7 | 7254.9 | 7121.2 | 6923.9 | 6638.2 | 6487.0 | 6344.5 | 6237.1 | 6096.8 | 6034.7 |
| 72.5° | 5551.7 | 5097.2 | 4872.9 | 4881.7 | 4681.5 | 4476.9 | 4482.0 | 4395.0 | 4256.2 | 4251.8 | 4230.6 |
| 75°   | 2040.1 | 1855.9 | 1726.6 | 1732.4 | 1657.9 | 1578.3 | 1600.2 | 1623.6 | 1578.3 | 1670.3 | 1527.9 |
| 77.5° | 324.4  | 315.7  | 312.7  | 306.2  | 290.1  | 301.8  | 293.7  | 309.1  | 311.3  | 328.1  | 329.5  |
| 80°   | 206.8  | 198.0  | 195.8  | 192.2  | 191.4  | 191.4  | 190.0  | 190.0  | 190.0  | 190.7  | 189.2  |
| 82.5° | 138.1  | 133.0  | 132.3  | 130.1  | 133.7  | 134.4  | 135.2  | 141.0  | 146.1  | 147.6  | 153.4  |
| 85°   | 75.3   | 71.6   | 71.6   | 70.1   | 73.1   | 73.8   | 80.4   | 88.4   | 98.6   | 103.0  | 112.5  |
| 87.5° | 38.0   | 40.2   | 39.5   | 40.9   | 43.1   | 48.2   | 53.3   | 58.5   | 64.3   | 72.3   | 78.9   |
| 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: P167639

CATALOG NUMBER: LDRV-T2-E04-E-7030

**CANDELA DISTRIBUTION (continued):**

|       | 98°    | 99°    | 100°   | 101°   | 102°   | 103°   | 104°   | 105°   | 115°   | 125°   | 135°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1014.9 | 1014.9 | 1014.9 | 1014.9 | 1014.9 | 1014.9 | 1014.9 | 1014.9 | 1014.9 | 1014.9 | 1014.9 |
| 2.5°  | 1012.7 | 1012.0 | 1012.0 | 1010.5 | 1010.5 | 1009.8 | 1008.3 | 1006.9 | 1000.3 | 992.3  | 987.1  |
| 5°    | 1028.1 | 1026.6 | 1025.9 | 1024.4 | 1022.2 | 1022.2 | 1020.0 | 1017.1 | 1004.7 | 991.5  | 983.5  |
| 7.5°  | 1059.5 | 1058.8 | 1056.6 | 1053.6 | 1050.7 | 1047.8 | 1046.3 | 1044.9 | 1025.9 | 1013.5 | 1007.6 |
| 10°   | 1104.8 | 1104.1 | 1098.9 | 1098.2 | 1093.8 | 1094.6 | 1090.9 | 1088.0 | 1075.6 | 1061.7 | 1053.6 |
| 12.5° | 1162.5 | 1165.4 | 1162.5 | 1155.9 | 1157.4 | 1155.2 | 1151.6 | 1147.9 | 1136.9 | 1126.0 | 1113.6 |
| 15°   | 1234.1 | 1230.5 | 1227.5 | 1233.4 | 1228.3 | 1227.5 | 1229.7 | 1230.5 | 1217.3 | 1205.6 | 1188.1 |
| 17.5° | 1323.3 | 1323.3 | 1321.8 | 1323.3 | 1320.3 | 1322.5 | 1321.1 | 1322.5 | 1316.7 | 1300.6 | 1275.0 |
| 20°   | 1424.8 | 1430.7 | 1430.7 | 1428.5 | 1427.7 | 1432.1 | 1434.3 | 1426.3 | 1427.7 | 1413.9 | 1367.8 |
| 22.5° | 1543.2 | 1547.6 | 1549.0 | 1546.9 | 1547.6 | 1553.4 | 1557.1 | 1551.2 | 1564.4 | 1541.7 | 1470.9 |
| 25°   | 1665.2 | 1671.8 | 1668.9 | 1669.6 | 1675.4 | 1682.0 | 1688.6 | 1682.8 | 1708.3 | 1673.3 | 1580.5 |
| 27.5° | 1785.8 | 1791.6 | 1790.2 | 1794.6 | 1804.0 | 1812.8 | 1820.1 | 1817.9 | 1860.3 | 1814.3 | 1695.9 |
| 30°   | 1899.8 | 1913.7 | 1916.6 | 1921.7 | 1933.4 | 1948.0 | 1959.7 | 1959.0 | 2013.8 | 1951.6 | 1790.2 |
| 32.5° | 2040.1 | 2055.4 | 2061.2 | 2072.2 | 2094.9 | 2105.1 | 2119.7 | 2121.2 | 2176.0 | 2072.2 | 1869.8 |
| 35°   | 2202.3 | 2217.6 | 2230.0 | 2238.1 | 2263.6 | 2276.1 | 2290.7 | 2297.3 | 2333.8 | 2184.7 | 1925.3 |
| 37.5° | 2327.9 | 2341.1 | 2365.2 | 2382.0 | 2404.7 | 2429.5 | 2446.3 | 2454.4 | 2474.8 | 2281.2 | 1950.9 |
| 40°   | 2465.3 | 2493.8 | 2517.2 | 2542.8 | 2567.6 | 2587.3 | 2602.7 | 2615.1 | 2607.1 | 2361.6 | 1940.0 |
| 42.5° | 2639.2 | 2669.2 | 2700.6 | 2722.5 | 2735.7 | 2762.0 | 2769.3 | 2778.0 | 2712.3 | 2398.1 | 1890.3 |
| 45°   | 2820.4 | 2844.5 | 2870.8 | 2886.9 | 2904.5 | 2917.6 | 2919.8 | 2920.5 | 2790.5 | 2376.9 | 1800.4 |
| 47.5° | 2995.1 | 3015.5 | 3033.8 | 3042.6 | 3051.3 | 3052.1 | 3048.4 | 3042.6 | 2832.1 | 2305.3 | 1692.3 |
| 50°   | 3186.5 | 3198.9 | 3207.0 | 3207.7 | 3215.7 | 3200.4 | 3190.2 | 3163.1 | 2827.7 | 2195.7 | 1578.3 |
| 52.5° | 3462.0 | 3459.0 | 3448.8 | 3448.1 | 3422.5 | 3393.3 | 3374.3 | 3335.6 | 2797.8 | 2077.3 | 1446.7 |
| 55°   | 4094.7 | 4067.0 | 4099.1 | 4017.3 | 3949.3 | 3904.0 | 3796.6 | 3718.4 | 2827.7 | 1967.0 | 1295.5 |
| 57.5° | 5615.3 | 5520.3 | 5530.5 | 5398.3 | 5253.6 | 4982.5 | 4822.5 | 4606.2 | 3063.0 | 1905.6 | 1104.8 |
| 60°   | 7219.1 | 7062.8 | 6915.2 | 6680.6 | 6373.0 | 6028.8 | 5719.0 | 5380.7 | 3296.8 | 1830.4 | 901.7  |
| 62.5° | 7881.1 | 7679.4 | 7423.0 | 7092.0 | 6696.7 | 6270.0 | 5841.8 | 5456.0 | 3168.2 | 1603.8 | 649.6  |
| 65°   | 7667.8 | 7426.6 | 7153.4 | 6721.5 | 6272.9 | 5776.8 | 5307.7 | 4899.9 | 2638.5 | 1172.7 | 392.4  |
| 67.5° | 6910.0 | 6702.5 | 6365.7 | 5958.0 | 5402.6 | 4905.1 | 4441.1 | 4064.0 | 1945.1 | 724.8  | 225.0  |
| 70°   | 5818.4 | 5531.2 | 5243.4 | 4851.7 | 4266.4 | 3797.3 | 3365.5 | 3032.3 | 1234.1 | 358.0  | 165.9  |
| 72.5° | 4015.8 | 3788.6 | 3558.4 | 3207.7 | 2770.7 | 2447.8 | 2076.6 | 1802.6 | 645.9  | 192.9  | 152.7  |
| 75°   | 1564.4 | 1539.5 | 1513.2 | 1354.0 | 1205.6 | 966.0  | 848.3  | 765.0  | 268.9  | 167.3  | 150.5  |
| 77.5° | 343.4  | 363.9  | 375.6  | 355.8  | 339.0  | 302.5  | 289.3  | 258.7  | 179.7  | 171.7  | 149.1  |
| 80°   | 189.2  | 189.2  | 189.2  | 191.4  | 187.8  | 187.8  | 185.6  | 181.9  | 168.1  | 171.7  | 146.1  |
| 82.5° | 154.9  | 157.1  | 160.0  | 160.7  | 160.0  | 160.7  | 159.3  | 158.6  | 164.4  | 172.4  | 138.8  |
| 85°   | 118.4  | 125.7  | 130.1  | 135.9  | 141.8  | 145.4  | 146.9  | 147.6  | 151.3  | 163.7  | 121.3  |
| 87.5° | 84.0   | 89.9   | 99.4   | 100.8  | 107.4  | 115.4  | 118.4  | 122.8  | 120.6  | 124.2  | 57.0   |
| 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: P167639

CATALOG NUMBER: LDRV-T2-E04-E-7030

**CANDELA DISTRIBUTION (continued):**

|       | 145°   | 155°   | 165°   | 175°   | 180°   |
|-------|--------|--------|--------|--------|--------|
| 0°    | 1014.9 | 1014.9 | 1014.9 | 1014.9 | 1014.9 |
| 2.5°  | 982.8  | 976.9  | 974.7  | 974.0  | 972.5  |
| 5°    | 976.9  | 973.3  | 970.3  | 968.2  | 969.6  |
| 7.5°  | 1003.2 | 1001.0 | 995.9  | 994.5  | 996.6  |
| 10°   | 1050.0 | 1044.9 | 1037.6 | 1038.3 | 1037.6 |
| 12.5° | 1108.4 | 1094.6 | 1082.9 | 1077.8 | 1074.1 |
| 15°   | 1168.4 | 1141.3 | 1117.2 | 1106.2 | 1101.9 |
| 17.5° | 1234.8 | 1188.8 | 1151.6 | 1131.8 | 1128.2 |
| 20°   | 1305.0 | 1241.4 | 1193.2 | 1169.8 | 1166.2 |
| 22.5° | 1386.1 | 1298.4 | 1237.0 | 1204.9 | 1199.8 |
| 25°   | 1465.0 | 1349.6 | 1267.7 | 1228.3 | 1221.7 |
| 27.5° | 1536.6 | 1388.3 | 1286.0 | 1239.2 | 1232.7 |
| 30°   | 1596.5 | 1419.0 | 1301.3 | 1248.0 | 1240.7 |
| 32.5° | 1636.0 | 1435.8 | 1306.5 | 1248.7 | 1240.0 |
| 35°   | 1648.4 | 1424.8 | 1284.5 | 1218.0 | 1210.7 |
| 37.5° | 1622.1 | 1380.3 | 1226.1 | 1150.8 | 1145.0 |
| 40°   | 1562.2 | 1297.7 | 1134.0 | 1055.8 | 1048.5 |
| 42.5° | 1468.7 | 1193.2 | 1027.3 | 944.8  | 938.2  |
| 45°   | 1364.9 | 1081.4 | 914.1  | 831.5  | 824.9  |
| 47.5° | 1251.7 | 963.0  | 795.0  | 719.0  | 708.8  |
| 50°   | 1127.4 | 834.4  | 673.7  | 599.2  | 589.7  |
| 52.5° | 982.0  | 694.1  | 545.1  | 477.9  | 472.0  |
| 55°   | 811.8  | 553.1  | 434.0  | 385.1  | 379.2  |
| 57.5° | 631.3  | 420.9  | 344.9  | 320.8  | 311.3  |
| 60°   | 458.1  | 320.0  | 274.7  | 263.0  | 257.9  |
| 62.5° | 311.3  | 238.9  | 221.4  | 217.7  | 214.1  |
| 65°   | 211.2  | 187.1  | 181.9  | 182.7  | 180.5  |
| 67.5° | 166.6  | 157.1  | 154.2  | 155.6  | 154.9  |
| 70°   | 146.1  | 138.8  | 138.1  | 139.6  | 138.8  |
| 72.5° | 138.1  | 128.6  | 130.1  | 132.3  | 131.5  |
| 75°   | 134.4  | 124.2  | 127.1  | 128.6  | 124.9  |
| 77.5° | 130.8  | 117.6  | 126.4  | 129.3  | 122.0  |
| 80°   | 125.7  | 111.8  | 132.3  | 130.8  | 116.9  |
| 82.5° | 114.7  | 98.6   | 129.3  | 118.4  | 105.2  |
| 85°   | 93.5   | 73.8   | 145.4  | 104.5  | 76.7   |
| 87.5° | 59.9   | 44.6   | 100.8  | 79.6   | 51.1   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)