

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: P145257

Luminaire Tested: **LDRV-SL3-F04-E-7060**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P145257  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33702)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMARK  
Catalog Number: LDRV-SL3-F04-E-7060  
Description: RIDGEVIEW LED AREA/SITE LUMINAIRE  
(4) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL  
Light Source: (28) 5700K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 10058.8 lumens  
Efficiency: N/A  
Efficacy: 98.4 lumens/watt  
Luminous Opening: Rectangular (W 0.67' x L: 1' x H: 0')  
IES Classification: Type III - Short - Semi-Cutoff  
BUG Rating: B2 - U0 - G2

Input Watts (W): 102.2  
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

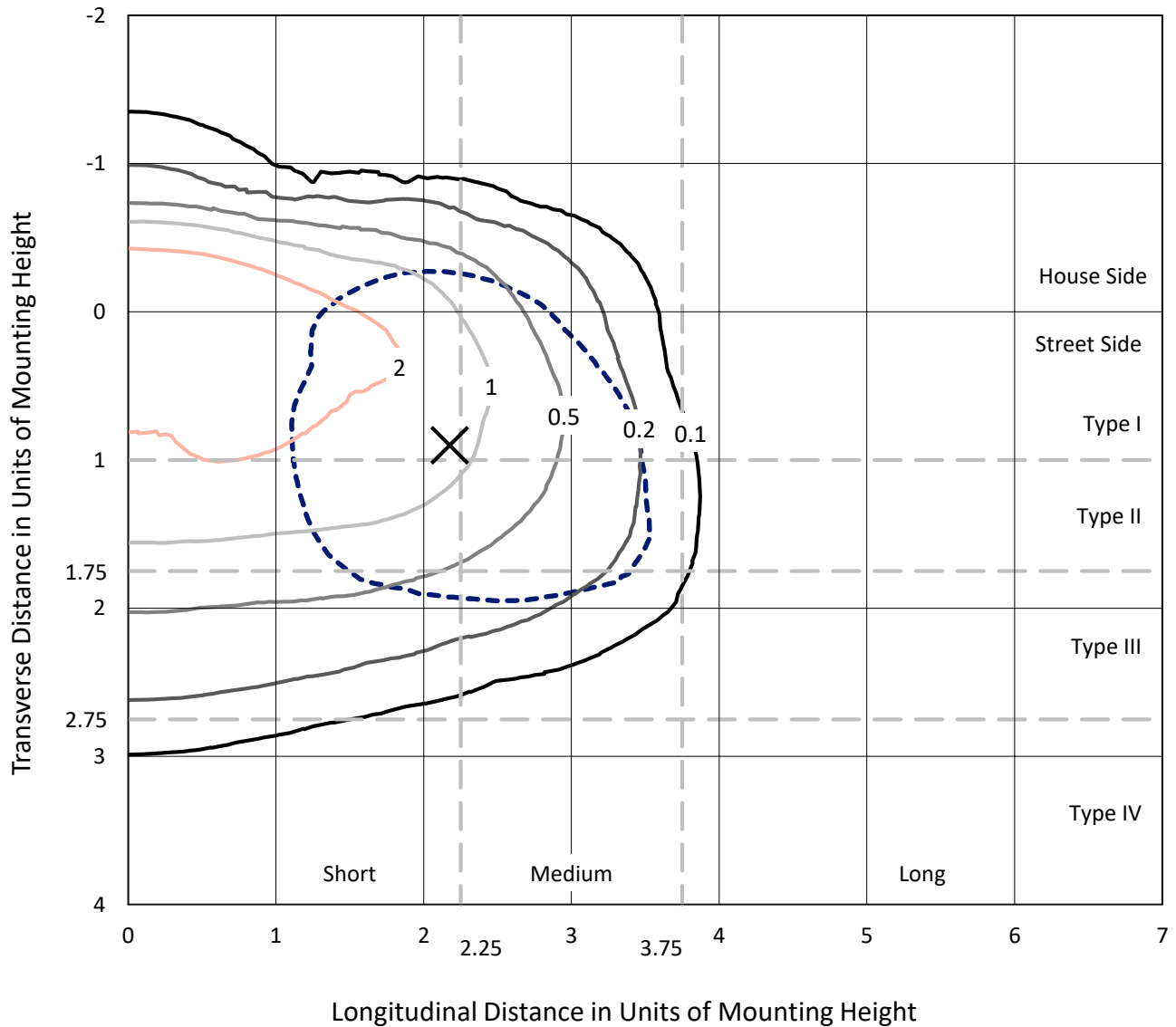


REPORT NUMBER: P145257

CATALOG NUMBER: LDRV-SL3-F04-E-7060

### Iso-Footcandle Lines of Horizontal Illumination

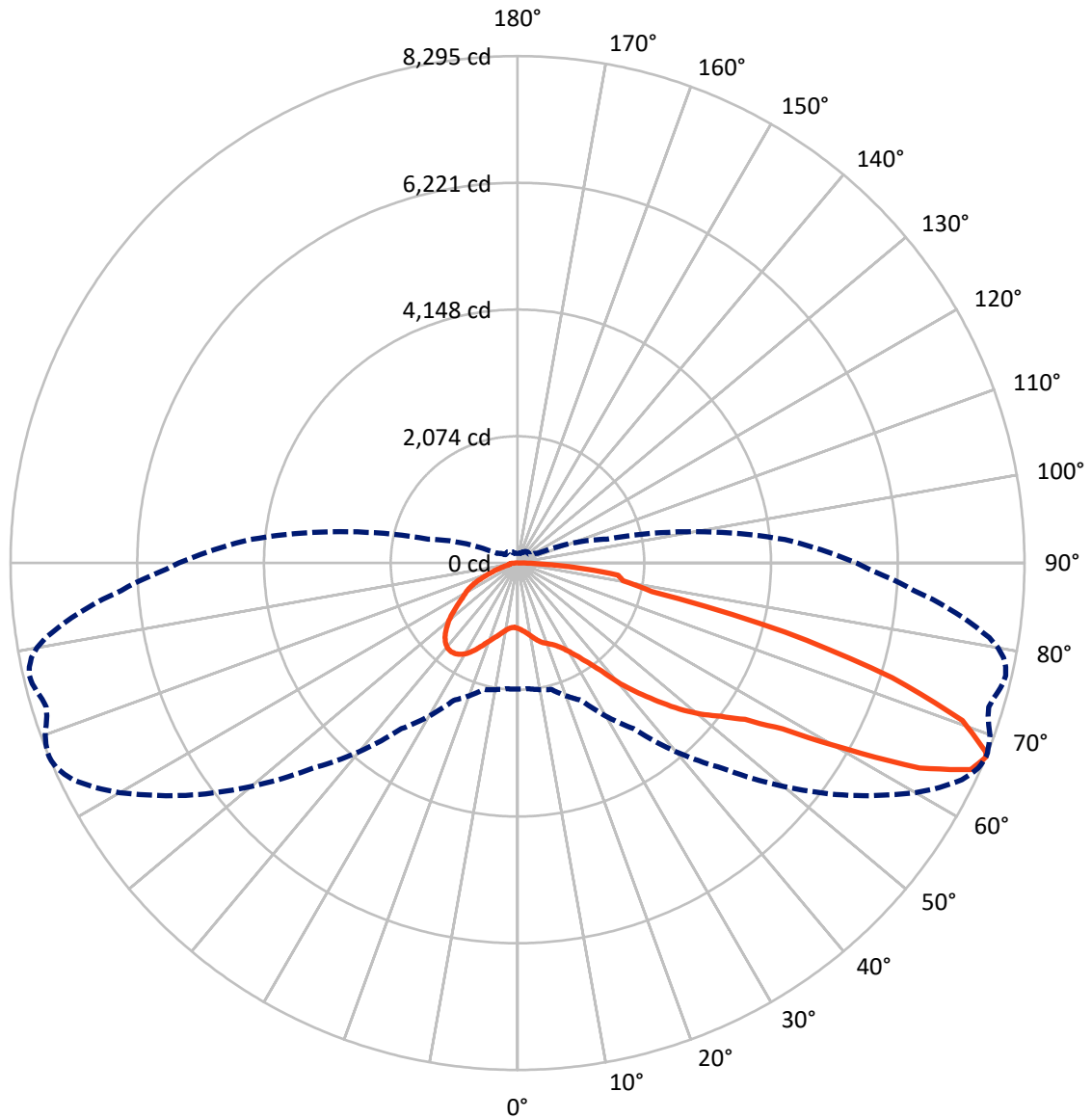
× Max cd  
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 3.4 fc  
 Type III - Short - Semi-Cutoff

REPORT NUMBER: P145257  
CATALOG NUMBER: LDRV-SL3-F04-E-7060

### Luminous Intensity Polar Plot



— Vertical Plane Through 67.5-Deg Lateral    - - - Horizontal Cone Through 67-Deg Vertical

REPORT NUMBER: P145257

CATALOG NUMBER: LDRV-SL3-F04-E-7060

**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 2381.9   | 0.0    | 2381.9  |
|                    | % Fixture | 23.7     | 0.0    | 23.7    |
| <b>Street Side</b> | Lumens    | 7677.0   | 0.0    | 7677.0  |
|                    | % Fixture | 76.3     | 0.0    | 76.3    |
| <b>Total</b>       | Lumens    | 10058.8  | 0.0    | 10058.8 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 106.8   | 1.1       |
| 10°-20°   | 365.7   | 3.6       |
| 20°-30°   | 651.0   | 6.5       |
| 30°-40°   | 948.3   | 9.4       |
| 40°-50°   | 1461.2  | 14.5      |
| 50°-60°   | 2139.9  | 21.3      |
| 60°-70°   | 2841.6  | 28.3      |
| 70°-80°   | 1339.5  | 13.3      |
| 80°-90°   | 204.8   | 2.0       |
| 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°    | 10058.8 | 100.0     |
| 0°-180°   | 10058.8 | 100.0     |



REPORT NUMBER: P145257

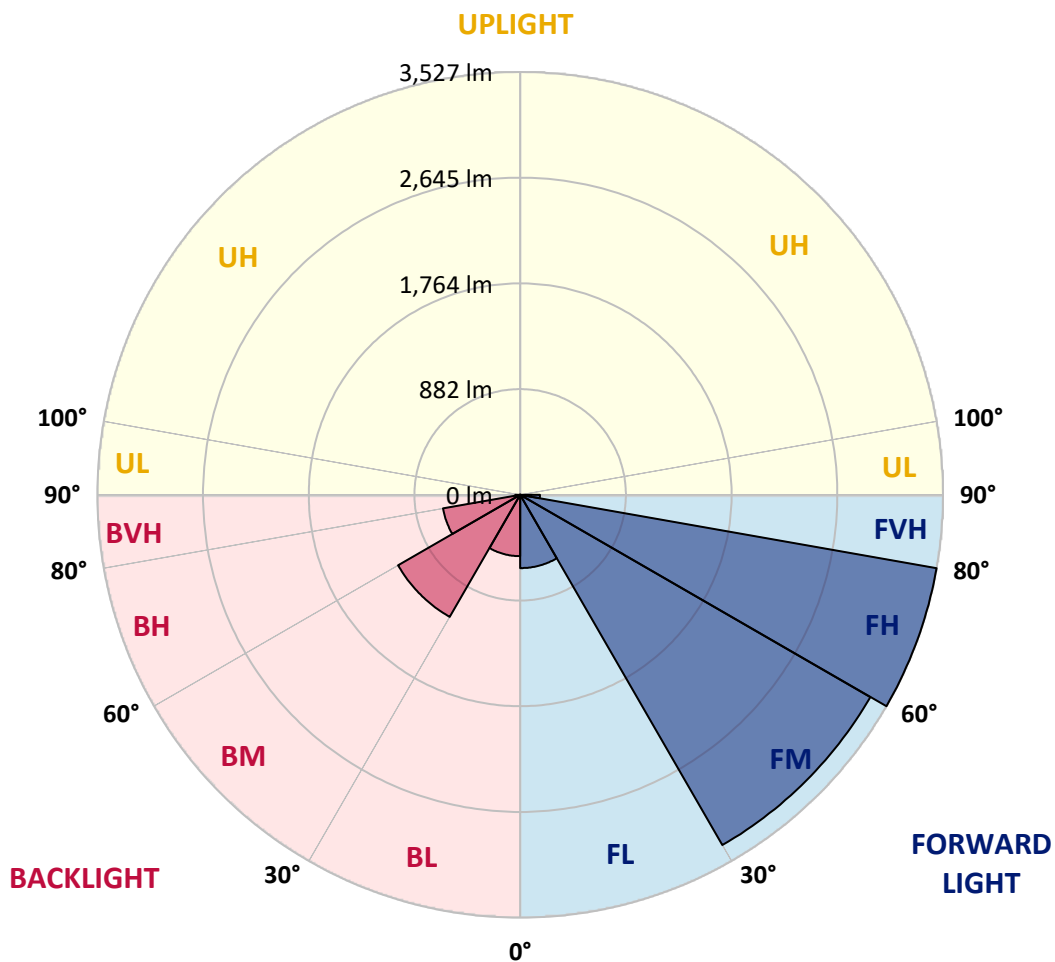
CATALOG NUMBER: LDRV-SL3-F04-E-7060

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

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|----------------|--------|-----------|-------------------------|------|---------|
|                |        |           | B                       | U    | G       |
| FL (0°-30°)    | 611.5  | 6.1       |                         |      |         |
| FM (30°-60°)   | 3373.3 | 33.5      |                         |      |         |
| FH (60°-80°)   | 3527.2 | 35.1      |                         |      | G2/5000 |
| FVH (80°-90°)  | 165.0  | 1.6       |                         |      | G2/225  |
| BL (0°-30°)    | 512.0  | 5.1       | B2/1000                 |      |         |
| BM (30°-60°)   | 1176.2 | 11.7      | B2/2500                 |      |         |
| BH (60°-80°)   | 653.9  | 6.5       | B2/1000                 |      | G2/1000 |
| BVH (80°-90°)  | 39.8   | 0.4       |                         |      | G1/100  |
| UL (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B2-U0-G2**

Type III Short





REPORT NUMBER: P145257

CATALOG NUMBER: LDRV-SL3-F04-E-7060

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 60°    | 61°    | 62°    | 64°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1070.0 | 1070.0 | 1070.0 | 1070.0 | 1070.0 | 1070.0 | 1070.0 | 1070.0 | 1070.0 | 1070.0 | 1070.0 |
| 2.5°  | 1123.6 | 1118.8 | 1119.5 | 1121.5 | 1114.8 | 1111.4 | 1103.9 | 1099.2 | 1098.5 | 1097.8 | 1095.1 |
| 5°    | 1189.3 | 1184.6 | 1186.6 | 1181.2 | 1168.3 | 1159.5 | 1143.9 | 1135.8 | 1134.4 | 1133.0 | 1129.7 |
| 7.5°  | 1257.7 | 1251.6 | 1244.9 | 1238.8 | 1224.5 | 1210.3 | 1190.0 | 1177.8 | 1176.4 | 1174.4 | 1172.4 |
| 10°   | 1339.1 | 1330.2 | 1324.8 | 1305.9 | 1281.5 | 1261.8 | 1241.5 | 1228.6 | 1227.9 | 1225.9 | 1221.8 |
| 12.5° | 1430.5 | 1421.1 | 1410.9 | 1385.8 | 1347.9 | 1318.7 | 1295.0 | 1287.6 | 1281.5 | 1282.1 | 1278.1 |
| 15°   | 1521.3 | 1511.2 | 1497.6 | 1465.8 | 1415.6 | 1372.3 | 1341.8 | 1330.9 | 1331.6 | 1328.2 | 1330.2 |
| 17.5° | 1597.9 | 1589.1 | 1569.5 | 1528.8 | 1470.5 | 1410.9 | 1372.3 | 1367.5 | 1368.9 | 1368.2 | 1370.2 |
| 20°   | 1648.1 | 1642.6 | 1612.8 | 1564.0 | 1498.3 | 1432.6 | 1393.3 | 1393.3 | 1393.9 | 1396.7 | 1401.4 |
| 22.5° | 1678.6 | 1670.4 | 1631.1 | 1562.7 | 1497.6 | 1442.7 | 1412.2 | 1419.0 | 1423.1 | 1425.1 | 1432.6 |
| 25°   | 1695.5 | 1685.3 | 1631.8 | 1541.0 | 1474.6 | 1450.2 | 1440.7 | 1457.6 | 1464.4 | 1467.8 | 1480.0 |
| 27.5° | 1695.5 | 1683.3 | 1623.0 | 1513.9 | 1448.2 | 1472.6 | 1494.9 | 1524.1 | 1528.8 | 1539.0 | 1553.2 |
| 30°   | 1676.5 | 1667.0 | 1609.4 | 1493.6 | 1441.4 | 1514.6 | 1582.3 | 1615.5 | 1627.1 | 1638.6 | 1656.9 |
| 32.5° | 1656.2 | 1648.1 | 1602.7 | 1504.4 | 1479.3 | 1602.7 | 1715.8 | 1761.2 | 1768.0 | 1777.5 | 1796.5 |
| 35°   | 1654.8 | 1652.1 | 1632.5 | 1573.5 | 1593.9 | 1764.0 | 1917.1 | 1948.3 | 1967.2 | 1972.0 | 1980.1 |
| 37.5° | 1669.1 | 1674.5 | 1691.4 | 1685.3 | 1758.5 | 2003.8 | 2180.7 | 2243.1 | 2258.0 | 2249.8 | 2257.3 |
| 40°   | 1702.3 | 1715.8 | 1778.9 | 1856.8 | 2009.9 | 2293.9 | 2539.9 | 2611.7 | 2628.0 | 2623.2 | 2621.2 |
| 42.5° | 1807.3 | 1825.6 | 1918.5 | 2085.2 | 2271.5 | 2594.1 | 2873.3 | 2950.5 | 2956.0 | 2958.7 | 2941.0 |
| 45°   | 1972.0 | 1982.2 | 2105.5 | 2318.3 | 2554.8 | 2917.3 | 3206.0 | 3292.1 | 3288.7 | 3275.1 | 3262.3 |
| 47.5° | 2159.0 | 2180.0 | 2327.8 | 2585.3 | 2847.5 | 3216.2 | 3542.8 | 3626.8 | 3634.3 | 3622.1 | 3598.4 |
| 50°   | 2329.1 | 2345.4 | 2512.1 | 2817.7 | 3105.7 | 3464.9 | 3826.7 | 3911.5 | 3910.1 | 3916.9 | 3923.7 |
| 52.5° | 2463.3 | 2478.2 | 2636.8 | 2972.9 | 3295.5 | 3673.6 | 4040.9 | 4145.2 | 4161.5 | 4172.4 | 4185.9 |
| 55°   | 2532.4 | 2548.0 | 2694.4 | 3037.3 | 3410.7 | 3877.6 | 4288.2 | 4438.0 | 4465.8 | 4490.2 | 4512.5 |
| 57.5° | 2533.8 | 2554.1 | 2688.3 | 3032.5 | 3470.3 | 4059.9 | 4615.5 | 4884.6 | 4923.9 | 4986.2 | 5062.8 |
| 60°   | 2492.4 | 2520.9 | 2641.5 | 2988.5 | 3538.7 | 4290.9 | 5155.0 | 5670.0 | 5747.2 | 5856.3 | 5954.6 |
| 62.5° | 2384.7 | 2413.1 | 2520.9 | 2876.7 | 3618.7 | 4587.1 | 5934.3 | 6689.2 | 6853.9 | 6974.5 | 7169.0 |
| 65°   | 2214.6 | 2241.7 | 2332.5 | 2691.7 | 3555.0 | 4820.9 | 6515.0 | 7420.4 | 7588.4 | 7739.6 | 7967.9 |
| 67°   | 2062.8 | 2065.5 | 2142.1 | 2479.6 | 3307.0 | 4748.4 | 6631.6 | 7518.0 | 7673.1 | 7826.3 | 8091.3 |
| 67.5° | 2009.3 | 2024.2 | 2083.8 | 2409.1 | 3212.8 | 4694.8 | 6585.5 | 7465.1 | 7615.5 | 7778.9 | 8049.3 |
| 70°   | 1624.4 | 1628.4 | 1686.0 | 1921.8 | 2549.4 | 3892.5 | 5915.3 | 6790.8 | 6893.8 | 7133.1 | 7398.7 |
| 72.5° | 990.7  | 984.0  | 1002.3 | 1177.1 | 1677.9 | 2695.7 | 4736.2 | 5590.7 | 5731.7 | 5935.6 | 6115.2 |
| 75°   | 545.5  | 578.0  | 600.4  | 721.7  | 942.6  | 1585.0 | 3225.0 | 4045.0 | 4251.6 | 4372.9 | 4408.9 |
| 77.5° | 333.4  | 330.7  | 340.9  | 465.6  | 773.2  | 1084.3 | 1781.6 | 2373.2 | 2488.4 | 2522.9 | 2389.4 |
| 80°   | 158.6  | 164.7  | 162.6  | 191.8  | 374.7  | 914.8  | 1245.5 | 1524.1 | 1582.3 | 1615.5 | 1658.9 |
| 82.5° | 86.7   | 90.1   | 102.3  | 114.5  | 147.7  | 393.7  | 1074.8 | 1405.5 | 1444.8 | 1501.7 | 1565.4 |
| 85°   | 54.2   | 56.9   | 78.6   | 82.7   | 90.8   | 121.3  | 447.9  | 821.3  | 854.5  | 967.7  | 1003.6 |
| 87.5° | 22.4   | 24.4   | 42.7   | 38.6   | 46.1   | 42.7   | 135.5  | 208.7  | 221.6  | 235.8  | 261.6  |
| 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: P145257

CATALOG NUMBER: LDRV-SL3-F04-E-7060

**CANDELA DISTRIBUTION (continued):**

|       | 65°    | 66°    | 67°    | 67.5°  | 68°    | 69°    | 70°    | 71°    | 72°    | 73°    | 74°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1070.0 | 1070.0 | 1070.0 | 1070.0 | 1070.0 | 1070.0 | 1070.0 | 1070.0 | 1070.0 | 1070.0 | 1070.0 |
| 2.5°  | 1095.8 | 1095.1 | 1092.4 | 1091.7 | 1093.1 | 1093.1 | 1091.7 | 1089.7 | 1089.0 | 1088.3 | 1087.0 |
| 5°    | 1128.3 | 1126.9 | 1124.9 | 1123.6 | 1122.9 | 1122.9 | 1120.9 | 1118.8 | 1116.8 | 1114.1 | 1113.4 |
| 7.5°  | 1166.9 | 1166.9 | 1166.3 | 1164.2 | 1162.2 | 1159.5 | 1157.4 | 1155.4 | 1153.4 | 1152.0 | 1150.0 |
| 10°   | 1217.8 | 1220.5 | 1215.7 | 1214.4 | 1213.7 | 1209.6 | 1208.9 | 1206.9 | 1205.6 | 1202.2 | 1202.2 |
| 12.5° | 1278.1 | 1275.4 | 1274.7 | 1272.0 | 1272.0 | 1269.9 | 1269.3 | 1268.6 | 1267.2 | 1264.5 | 1263.8 |
| 15°   | 1328.2 | 1328.2 | 1327.5 | 1326.2 | 1327.5 | 1326.2 | 1324.1 | 1325.5 | 1323.5 | 1324.1 | 1322.1 |
| 17.5° | 1368.9 | 1371.6 | 1370.9 | 1371.6 | 1370.9 | 1370.9 | 1372.3 | 1372.3 | 1373.6 | 1370.9 | 1371.6 |
| 20°   | 1402.8 | 1406.8 | 1408.9 | 1407.5 | 1408.9 | 1409.5 | 1412.9 | 1414.3 | 1416.3 | 1417.7 | 1417.7 |
| 22.5° | 1438.0 | 1443.4 | 1447.5 | 1447.5 | 1450.2 | 1452.9 | 1459.0 | 1460.4 | 1465.1 | 1464.4 | 1467.8 |
| 25°   | 1487.5 | 1496.3 | 1499.0 | 1503.1 | 1506.4 | 1511.2 | 1518.6 | 1522.0 | 1524.1 | 1528.8 | 1534.2 |
| 27.5° | 1563.4 | 1574.2 | 1576.2 | 1581.0 | 1589.8 | 1592.5 | 1600.6 | 1604.0 | 1611.5 | 1621.6 | 1623.7 |
| 30°   | 1667.0 | 1680.6 | 1681.3 | 1686.7 | 1696.9 | 1700.3 | 1707.0 | 1715.8 | 1721.9 | 1732.1 | 1732.8 |
| 32.5° | 1808.0 | 1821.6 | 1819.5 | 1829.7 | 1829.0 | 1839.2 | 1837.1 | 1850.7 | 1856.1 | 1861.5 | 1876.4 |
| 35°   | 1995.7 | 1994.4 | 2004.5 | 2007.9 | 2005.9 | 2014.0 | 2012.7 | 2018.8 | 2024.2 | 2024.2 | 2040.4 |
| 37.5° | 2266.1 | 2264.1 | 2262.7 | 2248.5 | 2245.1 | 2245.8 | 2243.1 | 2248.5 | 2239.7 | 2239.7 | 2257.3 |
| 40°   | 2628.6 | 2616.4 | 2607.0 | 2597.5 | 2588.0 | 2575.1 | 2564.3 | 2561.6 | 2546.6 | 2546.0 | 2539.2 |
| 42.5° | 2943.8 | 2932.2 | 2925.5 | 2907.2 | 2897.7 | 2895.6 | 2869.2 | 2861.8 | 2857.7 | 2860.4 | 2853.6 |
| 45°   | 3274.5 | 3262.3 | 3236.5 | 3228.4 | 3225.7 | 3211.4 | 3207.4 | 3189.1 | 3183.6 | 3193.1 | 3189.7 |
| 47.5° | 3615.3 | 3597.7 | 3583.5 | 3574.0 | 3570.6 | 3558.4 | 3540.8 | 3555.7 | 3548.2 | 3542.8 | 3532.6 |
| 50°   | 3921.6 | 3902.0 | 3902.0 | 3885.0 | 3887.7 | 3879.6 | 3861.3 | 3865.4 | 3844.4 | 3852.5 | 3847.1 |
| 52.5° | 4178.5 | 4179.8 | 4186.6 | 4167.6 | 4171.0 | 4171.0 | 4164.9 | 4145.2 | 4150.7 | 4148.0 | 4160.8 |
| 55°   | 4505.1 | 4527.4 | 4515.3 | 4518.6 | 4522.7 | 4541.7 | 4555.2 | 4543.7 | 4524.7 | 4539.6 | 4581.0 |
| 57.5° | 5076.4 | 5096.7 | 5108.9 | 5118.4 | 5134.0 | 5142.8 | 5216.0 | 5226.1 | 5204.4 | 5249.2 | 5341.3 |
| 60°   | 6069.8 | 6094.2 | 6130.8 | 6178.9 | 6189.1 | 6250.7 | 6288.7 | 6333.4 | 6349.7 | 6388.3 | 6487.2 |
| 62.5° | 7264.5 | 7319.4 | 7326.2 | 7387.2 | 7434.6 | 7377.0 | 7391.9 | 7446.8 | 7384.5 | 7469.9 | 7473.9 |
| 65°   | 8046.5 | 8126.5 | 8129.2 | 8151.6 | 8169.2 | 8115.0 | 8090.6 | 8066.2 | 8007.2 | 8003.8 | 8062.8 |
| 67°   | 8180.7 | 8253.9 | 8284.4 | 8295.2 | 8292.5 | 8264.7 | 8224.8 | 8154.3 | 8097.4 | 8064.8 | 8089.2 |
| 67.5° | 8142.8 | 8214.6 | 8257.3 | 8267.5 | 8268.1 | 8241.0 | 8204.4 | 8127.9 | 8074.3 | 8037.7 | 8063.5 |
| 70°   | 7519.3 | 7687.4 | 7760.6 | 7722.6 | 7744.3 | 7744.3 | 7742.9 | 7672.5 | 7646.0 | 7610.8 | 7597.3 |
| 72.5° | 6252.1 | 6368.7 | 6461.5 | 6412.0 | 6418.1 | 6464.2 | 6453.4 | 6460.8 | 6384.9 | 6376.8 | 6251.4 |
| 75°   | 4478.7 | 4515.9 | 4484.8 | 4520.0 | 4330.3 | 4262.5 | 4147.3 | 3979.2 | 3935.2 | 3865.4 | 3656.7 |
| 77.5° | 2379.3 | 2337.3 | 2253.9 | 2247.1 | 2169.2 | 2108.9 | 2034.3 | 1985.5 | 1862.2 | 1793.8 | 1637.2 |
| 80°   | 1680.6 | 1700.9 | 1732.8 | 1751.8 | 1769.4 | 1782.9 | 1755.1 | 1677.2 | 1574.2 | 1459.0 | 1349.9 |
| 82.5° | 1605.4 | 1633.2 | 1652.1 | 1661.6 | 1654.8 | 1633.2 | 1569.5 | 1494.9 | 1357.4 | 1257.7 | 1139.8 |
| 85°   | 1012.4 | 1034.8 | 996.2  | 988.0  | 1005.0 | 868.1  | 792.9  | 731.9  | 593.0  | 551.6  | 487.2  |
| 87.5° | 271.7  | 286.7  | 287.3  | 278.5  | 273.1  | 240.6  | 212.8  | 188.4  | 155.9  | 146.4  | 118.6  |
| 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: P145257

CATALOG NUMBER: LDRV-SL3-F04-E-7060

**CANDELA DISTRIBUTION (continued):**

|       | 75°    | 76°    | 77°    | 78°    | 79°    | 80°    | 81°    | 82°    | 83°    | 84°    | 85°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1070.0 | 1070.0 | 1070.0 | 1070.0 | 1070.0 | 1070.0 | 1070.0 | 1070.0 | 1070.0 | 1070.0 | 1070.0 |
| 2.5°  | 1087.0 | 1086.3 | 1086.3 | 1084.3 | 1082.9 | 1082.2 | 1081.5 | 1079.5 | 1078.2 | 1078.2 | 1077.5 |
| 5°    | 1112.7 | 1111.4 | 1109.3 | 1108.7 | 1105.9 | 1104.6 | 1101.9 | 1100.5 | 1098.5 | 1097.1 | 1096.5 |
| 7.5°  | 1149.3 | 1145.9 | 1141.9 | 1142.5 | 1138.5 | 1136.4 | 1135.1 | 1132.4 | 1130.3 | 1128.3 | 1127.6 |
| 10°   | 1198.1 | 1197.4 | 1193.4 | 1194.7 | 1187.3 | 1190.6 | 1183.9 | 1184.6 | 1180.5 | 1176.4 | 1175.7 |
| 12.5° | 1260.4 | 1259.8 | 1255.7 | 1251.0 | 1249.6 | 1250.3 | 1246.2 | 1246.9 | 1242.2 | 1240.8 | 1239.4 |
| 15°   | 1320.1 | 1318.7 | 1316.7 | 1313.3 | 1311.3 | 1310.6 | 1309.2 | 1307.9 | 1303.8 | 1303.8 | 1299.1 |
| 17.5° | 1371.6 | 1372.3 | 1369.6 | 1366.8 | 1365.5 | 1363.5 | 1362.8 | 1362.8 | 1359.4 | 1356.0 | 1356.7 |
| 20°   | 1417.0 | 1418.3 | 1418.3 | 1416.3 | 1417.0 | 1415.6 | 1415.0 | 1416.3 | 1412.9 | 1411.6 | 1409.5 |
| 22.5° | 1467.8 | 1467.8 | 1468.5 | 1469.8 | 1471.9 | 1472.6 | 1472.6 | 1471.2 | 1469.2 | 1468.5 | 1464.4 |
| 25°   | 1538.3 | 1535.6 | 1539.0 | 1540.3 | 1540.3 | 1543.7 | 1542.4 | 1543.0 | 1543.7 | 1541.7 | 1539.6 |
| 27.5° | 1627.1 | 1624.4 | 1631.1 | 1635.9 | 1635.2 | 1637.2 | 1641.3 | 1636.6 | 1639.3 | 1641.3 | 1636.6 |
| 30°   | 1736.2 | 1742.9 | 1747.7 | 1751.1 | 1749.7 | 1755.8 | 1757.9 | 1757.2 | 1755.1 | 1758.5 | 1758.5 |
| 32.5° | 1875.1 | 1871.7 | 1883.9 | 1891.4 | 1892.0 | 1890.7 | 1894.1 | 1898.1 | 1894.7 | 1900.2 | 1897.4 |
| 35°   | 2040.4 | 2042.5 | 2045.2 | 2053.3 | 2056.7 | 2051.3 | 2056.7 | 2061.4 | 2060.1 | 2060.8 | 2063.5 |
| 37.5° | 2253.9 | 2257.3 | 2254.6 | 2255.3 | 2253.9 | 2279.6 | 2283.7 | 2287.8 | 2283.0 | 2279.0 | 2291.2 |
| 40°   | 2550.0 | 2550.0 | 2549.4 | 2558.2 | 2543.3 | 2559.5 | 2554.8 | 2566.3 | 2578.5 | 2571.7 | 2590.0 |
| 42.5° | 2841.4 | 2857.7 | 2859.0 | 2846.2 | 2857.0 | 2874.6 | 2874.6 | 2882.1 | 2892.9 | 2882.1 | 2899.7 |
| 45°   | 3175.5 | 3195.8 | 3192.5 | 3214.1 | 3197.9 | 3218.2 | 3221.6 | 3212.1 | 3235.8 | 3238.5 | 3231.8 |
| 47.5° | 3540.1 | 3544.2 | 3544.8 | 3552.3 | 3555.7 | 3571.9 | 3571.3 | 3588.9 | 3583.5 | 3556.4 | 3565.8 |
| 50°   | 3852.5 | 3862.7 | 3868.1 | 3872.8 | 3889.8 | 3901.3 | 3916.9 | 3919.6 | 3915.5 | 3907.4 | 3899.9 |
| 52.5° | 4164.9 | 4189.3 | 4204.9 | 4246.9 | 4273.3 | 4294.3 | 4320.1 | 4329.6 | 4324.8 | 4322.8 | 4293.0 |
| 55°   | 4583.0 | 4641.3 | 4731.4 | 4789.7 | 4853.4 | 4890.7 | 4920.5 | 4935.4 | 4924.6 | 4930.0 | 4868.3 |
| 57.5° | 5370.5 | 5507.3 | 5586.0 | 5685.6 | 5798.1 | 5844.8 | 5857.7 | 5910.6 | 5852.3 | 5794.0 | 5747.2 |
| 60°   | 6540.8 | 6666.8 | 6809.8 | 6912.1 | 6950.1 | 7079.5 | 7018.5 | 6950.1 | 6887.7 | 6767.1 | 6630.9 |
| 62.5° | 7597.3 | 7759.9 | 7833.1 | 7928.6 | 7902.9 | 7892.0 | 7851.4 | 7742.3 | 7608.8 | 7429.2 | 7247.6 |
| 65°   | 8118.4 | 8209.9 | 8255.3 | 8286.4 | 8257.3 | 8182.1 | 8047.9 | 7886.6 | 7695.5 | 7463.1 | 7224.5 |
| 67°   | 8139.4 | 8181.4 | 8196.3 | 8166.5 | 8101.4 | 7984.2 | 7814.8 | 7586.4 | 7351.3 | 7084.9 | 6816.6 |
| 67.5° | 8104.8 | 8132.6 | 8140.1 | 8093.3 | 8016.0 | 7889.3 | 7708.4 | 7464.4 | 7214.4 | 6937.9 | 6668.2 |
| 70°   | 7633.2 | 7612.8 | 7547.1 | 7482.7 | 7241.5 | 7071.4 | 6756.3 | 6496.1 | 6149.1 | 5895.0 | 5607.0 |
| 72.5° | 6201.3 | 6108.4 | 6044.7 | 5760.1 | 5468.7 | 5300.0 | 4961.2 | 4650.1 | 4333.6 | 4091.7 | 3914.8 |
| 75°   | 3481.1 | 3413.4 | 3236.5 | 3086.1 | 2845.5 | 2625.3 | 2467.4 | 2269.5 | 2079.7 | 1967.2 | 1884.6 |
| 77.5° | 1572.9 | 1379.0 | 1245.5 | 1076.8 | 870.1  | 699.3  | 519.1  | 479.8  | 409.3  | 391.7  | 353.1  |
| 80°   | 1227.2 | 1088.3 | 913.5  | 720.4  | 508.2  | 341.5  | 250.7  | 212.8  | 199.9  | 191.8  | 187.7  |
| 82.5° | 1023.9 | 843.7  | 710.2  | 504.2  | 322.6  | 216.9  | 163.3  | 147.7  | 138.2  | 131.5  | 125.4  |
| 85°   | 437.8  | 346.3  | 285.3  | 204.0  | 145.0  | 114.5  | 100.3  | 91.5   | 82.7   | 75.2   | 70.5   |
| 87.5° | 102.3  | 78.6   | 71.8   | 61.0   | 57.6   | 56.9   | 56.2   | 53.5   | 50.1   | 46.1   | 41.3   |
| 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: P145257

CATALOG NUMBER: LDRV-SL3-F04-E-7060

**CANDELA DISTRIBUTION (continued):**

|       | 86°    | 87°    | 88°    | 89°    | 90°    | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1070.0 | 1070.0 | 1070.0 | 1070.0 | 1070.0 | 1070.0 | 1070.0 | 1070.0 | 1070.0 | 1070.0 | 1070.0 |
| 2.5°  | 1076.8 | 1076.1 | 1074.8 | 1072.7 | 1072.7 | 1070.0 | 1061.2 | 1055.1 | 1048.3 | 1044.3 | 1040.2 |
| 5°    | 1095.1 | 1094.4 | 1091.0 | 1089.0 | 1087.6 | 1082.2 | 1067.3 | 1055.8 | 1043.6 | 1034.8 | 1028.0 |
| 7.5°  | 1125.6 | 1123.6 | 1120.9 | 1119.5 | 1115.4 | 1108.7 | 1087.0 | 1070.7 | 1053.1 | 1038.9 | 1027.3 |
| 10°   | 1175.1 | 1171.7 | 1167.6 | 1163.5 | 1164.9 | 1154.1 | 1129.0 | 1105.3 | 1079.5 | 1057.2 | 1041.6 |
| 12.5° | 1235.4 | 1235.4 | 1233.3 | 1230.6 | 1225.9 | 1213.7 | 1179.8 | 1152.0 | 1120.9 | 1093.1 | 1081.5 |
| 15°   | 1299.1 | 1295.7 | 1292.3 | 1288.2 | 1287.6 | 1271.3 | 1240.8 | 1208.9 | 1176.4 | 1152.7 | 1139.1 |
| 17.5° | 1351.3 | 1352.6 | 1347.9 | 1346.5 | 1345.2 | 1328.9 | 1296.4 | 1267.9 | 1244.2 | 1219.1 | 1197.4 |
| 20°   | 1406.8 | 1404.1 | 1402.8 | 1400.7 | 1400.0 | 1386.5 | 1360.7 | 1343.1 | 1322.1 | 1284.2 | 1227.2 |
| 22.5° | 1466.5 | 1463.1 | 1464.4 | 1460.4 | 1459.7 | 1450.2 | 1431.2 | 1425.8 | 1394.6 | 1314.7 | 1215.7 |
| 25°   | 1543.7 | 1537.6 | 1539.6 | 1539.6 | 1540.3 | 1531.5 | 1529.5 | 1520.0 | 1441.4 | 1307.2 | 1169.6 |
| 27.5° | 1635.9 | 1638.6 | 1638.6 | 1637.9 | 1633.2 | 1635.9 | 1645.4 | 1612.8 | 1457.6 | 1267.9 | 1100.5 |
| 30°   | 1755.8 | 1757.2 | 1758.5 | 1763.3 | 1753.1 | 1770.7 | 1782.2 | 1678.6 | 1445.4 | 1213.7 | 1013.8 |
| 32.5° | 1901.5 | 1896.1 | 1898.8 | 1901.5 | 1904.9 | 1923.2 | 1916.4 | 1711.8 | 1409.5 | 1139.8 | 906.0  |
| 35°   | 2062.1 | 2072.3 | 2075.0 | 2081.1 | 2087.9 | 2115.7 | 2037.7 | 1718.5 | 1354.6 | 1040.9 | 768.5  |
| 37.5° | 2301.3 | 2317.6 | 2317.6 | 2339.3 | 2326.4 | 2360.3 | 2146.2 | 1702.3 | 1271.3 | 903.3  | 613.3  |
| 40°   | 2602.9 | 2610.3 | 2617.8 | 2620.5 | 2613.7 | 2609.7 | 2217.3 | 1662.3 | 1154.1 | 730.5  | 448.6  |
| 42.5° | 2910.6 | 2907.8 | 2908.5 | 2913.3 | 2895.0 | 2818.4 | 2261.4 | 1592.5 | 1008.4 | 545.5  | 321.9  |
| 45°   | 3241.9 | 3230.4 | 3227.0 | 3217.5 | 3201.3 | 3040.0 | 2286.4 | 1494.2 | 816.6  | 383.6  | 252.8  |
| 47.5° | 3564.5 | 3550.3 | 3528.6 | 3502.1 | 3471.0 | 3218.2 | 2283.7 | 1366.8 | 626.2  | 274.5  | 223.0  |
| 50°   | 3895.2 | 3870.1 | 3823.4 | 3797.6 | 3744.8 | 3395.1 | 2268.1 | 1225.2 | 450.6  | 227.0  | 208.7  |
| 52.5° | 4273.3 | 4228.6 | 4185.2 | 4133.7 | 4046.3 | 3612.6 | 2244.4 | 1066.0 | 328.7  | 208.0  | 199.2  |
| 55°   | 4837.1 | 4764.0 | 4692.8 | 4585.7 | 4501.0 | 3904.0 | 2204.4 | 894.5  | 259.5  | 200.6  | 193.8  |
| 57.5° | 5614.4 | 5489.7 | 5399.6 | 5255.3 | 5119.7 | 4307.2 | 2161.7 | 738.6  | 231.8  | 198.6  | 191.1  |
| 60°   | 6489.3 | 6301.6 | 6133.5 | 5956.0 | 5801.5 | 4810.7 | 2139.4 | 616.7  | 225.7  | 200.6  | 191.8  |
| 62.5° | 7038.2 | 6816.6 | 6606.5 | 6389.7 | 6167.4 | 5051.3 | 2042.5 | 532.6  | 228.4  | 209.4  | 197.2  |
| 65°   | 6969.1 | 6724.4 | 6496.1 | 6231.8 | 6022.4 | 4824.3 | 1795.8 | 450.6  | 233.1  | 225.0  | 212.1  |
| 67°   | 6502.8 | 6265.6 | 6005.4 | 5746.6 | 5543.3 | 4392.6 | 1515.9 | 379.5  | 238.5  | 242.6  | 228.4  |
| 67.5° | 6378.1 | 6111.1 | 5848.9 | 5611.0 | 5390.8 | 4259.1 | 1442.7 | 361.9  | 239.9  | 247.3  | 233.8  |
| 70°   | 5319.0 | 5107.5 | 4800.5 | 4624.4 | 4465.1 | 3452.7 | 1076.1 | 281.2  | 244.0  | 268.4  | 259.5  |
| 72.5° | 3721.7 | 3517.1 | 3356.5 | 3260.2 | 3167.4 | 2508.7 | 756.9  | 224.3  | 237.9  | 279.9  | 271.1  |
| 75°   | 1879.8 | 1833.1 | 1776.8 | 1745.7 | 1747.0 | 1458.3 | 456.1  | 191.1  | 223.6  | 268.4  | 246.0  |
| 77.5° | 371.4  | 361.9  | 365.9  | 400.5  | 394.4  | 449.3  | 226.3  | 162.0  | 190.4  | 206.7  | 176.9  |
| 80°   | 179.6  | 173.5  | 168.1  | 166.7  | 163.3  | 156.5  | 142.3  | 134.9  | 154.5  | 136.2  | 117.2  |
| 82.5° | 116.6  | 109.8  | 107.1  | 101.6  | 102.3  | 111.1  | 124.0  | 129.4  | 125.4  | 94.2   | 79.3   |
| 85°   | 65.7   | 65.1   | 63.7   | 65.1   | 67.8   | 88.8   | 132.8  | 121.3  | 101.0  | 66.4   | 59.6   |
| 87.5° | 39.3   | 37.3   | 37.9   | 38.6   | 40.0   | 65.7   | 105.0  | 87.4   | 64.4   | 34.6   | 35.2   |
| 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: P145257

CATALOG NUMBER: LDRV-SL3-F04-E-7060

**CANDELA DISTRIBUTION (continued):**

|       | 155°   | 165°   | 175°   | 180°   |
|-------|--------|--------|--------|--------|
| 0°    | 1070.0 | 1070.0 | 1070.0 | 1070.0 |
| 2.5°  | 1039.5 | 1036.8 | 1036.8 | 1036.1 |
| 5°    | 1022.6 | 1018.5 | 1017.8 | 1017.8 |
| 7.5°  | 1019.9 | 1014.5 | 1013.8 | 1011.7 |
| 10°   | 1032.1 | 1030.0 | 1030.7 | 1028.7 |
| 12.5° | 1070.7 | 1073.4 | 1076.1 | 1076.1 |
| 15°   | 1129.7 | 1127.6 | 1131.0 | 1127.6 |
| 17.5° | 1173.0 | 1155.4 | 1151.3 | 1149.3 |
| 20°   | 1174.4 | 1137.8 | 1125.6 | 1123.6 |
| 22.5° | 1132.4 | 1078.2 | 1057.8 | 1054.4 |
| 25°   | 1061.2 | 992.8  | 967.0  | 964.3  |
| 27.5° | 971.8  | 895.2  | 857.2  | 855.9  |
| 30°   | 864.0  | 773.2  | 725.1  | 717.6  |
| 32.5° | 732.6  | 624.8  | 574.0  | 557.7  |
| 35°   | 580.8  | 470.3  | 422.9  | 421.5  |
| 37.5° | 433.7  | 347.6  | 317.1  | 315.8  |
| 40°   | 317.8  | 273.1  | 261.6  | 259.5  |
| 42.5° | 259.5  | 241.2  | 236.5  | 234.5  |
| 45°   | 232.4  | 225.0  | 222.3  | 220.2  |
| 47.5° | 216.2  | 211.4  | 209.4  | 209.4  |
| 50°   | 203.3  | 201.9  | 200.6  | 200.6  |
| 52.5° | 194.5  | 193.8  | 192.5  | 191.8  |
| 55°   | 187.0  | 184.3  | 185.0  | 184.3  |
| 57.5° | 182.3  | 178.2  | 178.2  | 178.2  |
| 60°   | 179.6  | 172.1  | 172.1  | 172.8  |
| 62.5° | 180.3  | 168.7  | 168.1  | 168.1  |
| 65°   | 185.7  | 166.7  | 162.6  | 163.3  |
| 67°   | 192.5  | 164.7  | 156.5  | 155.9  |
| 67.5° | 194.5  | 163.3  | 154.5  | 153.8  |
| 70°   | 202.6  | 159.3  | 144.3  | 143.0  |
| 72.5° | 204.0  | 153.2  | 134.2  | 132.8  |
| 75°   | 189.7  | 145.0  | 126.0  | 122.7  |
| 77.5° | 147.7  | 124.7  | 113.8  | 113.8  |
| 80°   | 103.7  | 95.6   | 81.3   | 80.6   |
| 82.5° | 75.9   | 71.8   | 59.6   | 58.3   |
| 85°   | 55.6   | 52.2   | 44.0   | 44.0   |
| 87.5° | 34.6   | 33.2   | 28.5   | 27.1   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)