

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: P167628

Luminaire Tested: **LDRV-T2-E03-E-8030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P167628
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-E03-E-8030
Description: RIDGEVIEW LED AREA/SITE LUMINAIRE
(3) LIGHTBARS WITH AccuLED OPTICS - TYPE 2
Light Source: (63) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7592.3 lumens
Efficiency: N/A
Efficacy: 101.0 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 1' x H: 0.1')
IES Classification: Type II - Short - Semi-Cutoff
BUG Rating: B2 - U0 - G2

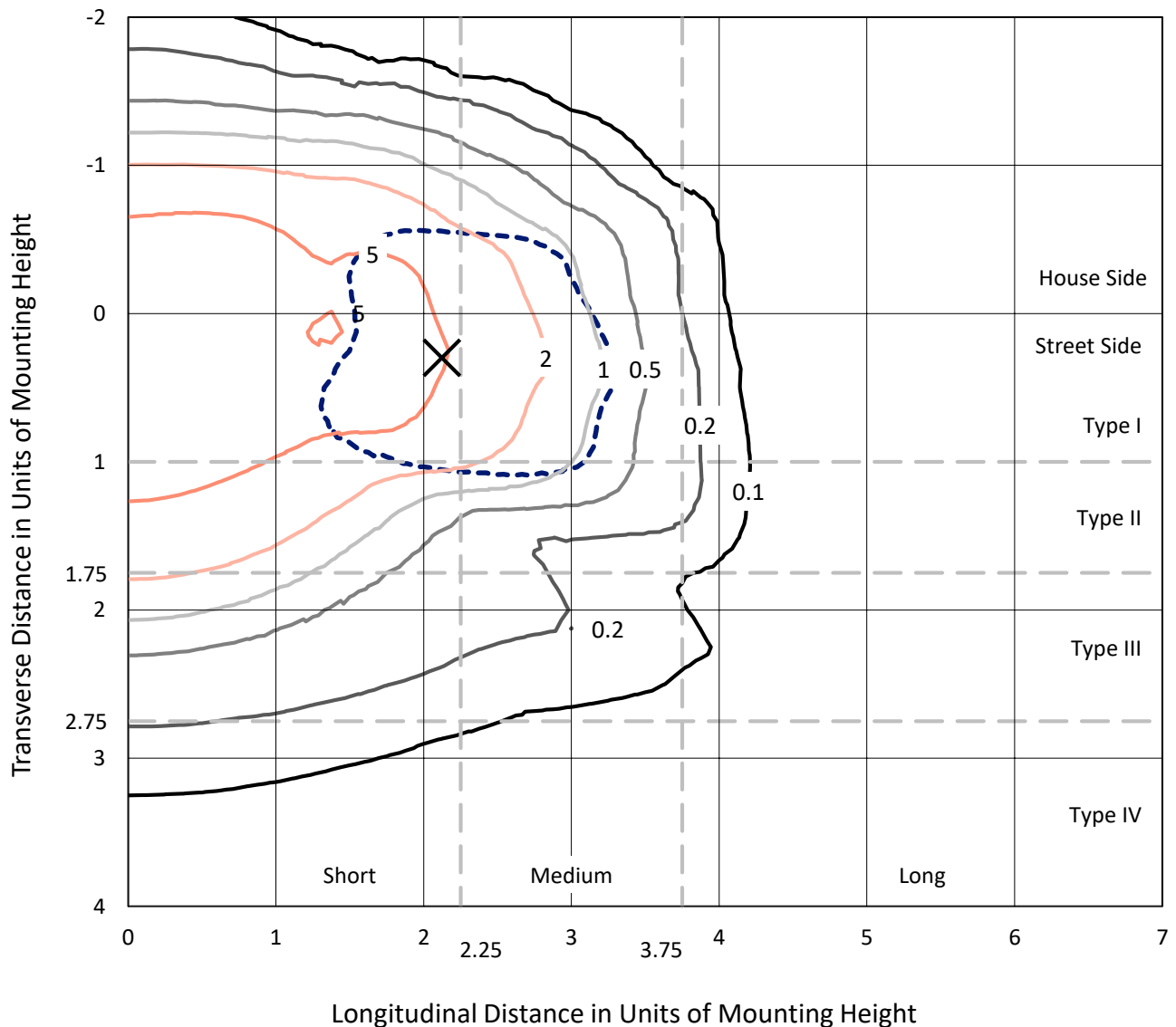
Input Watts (W): 75.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P167628
 CATALOG NUMBER: LDRV-T2-E03-E-8030

Iso-Footcandle Lines of Horizontal Illumination

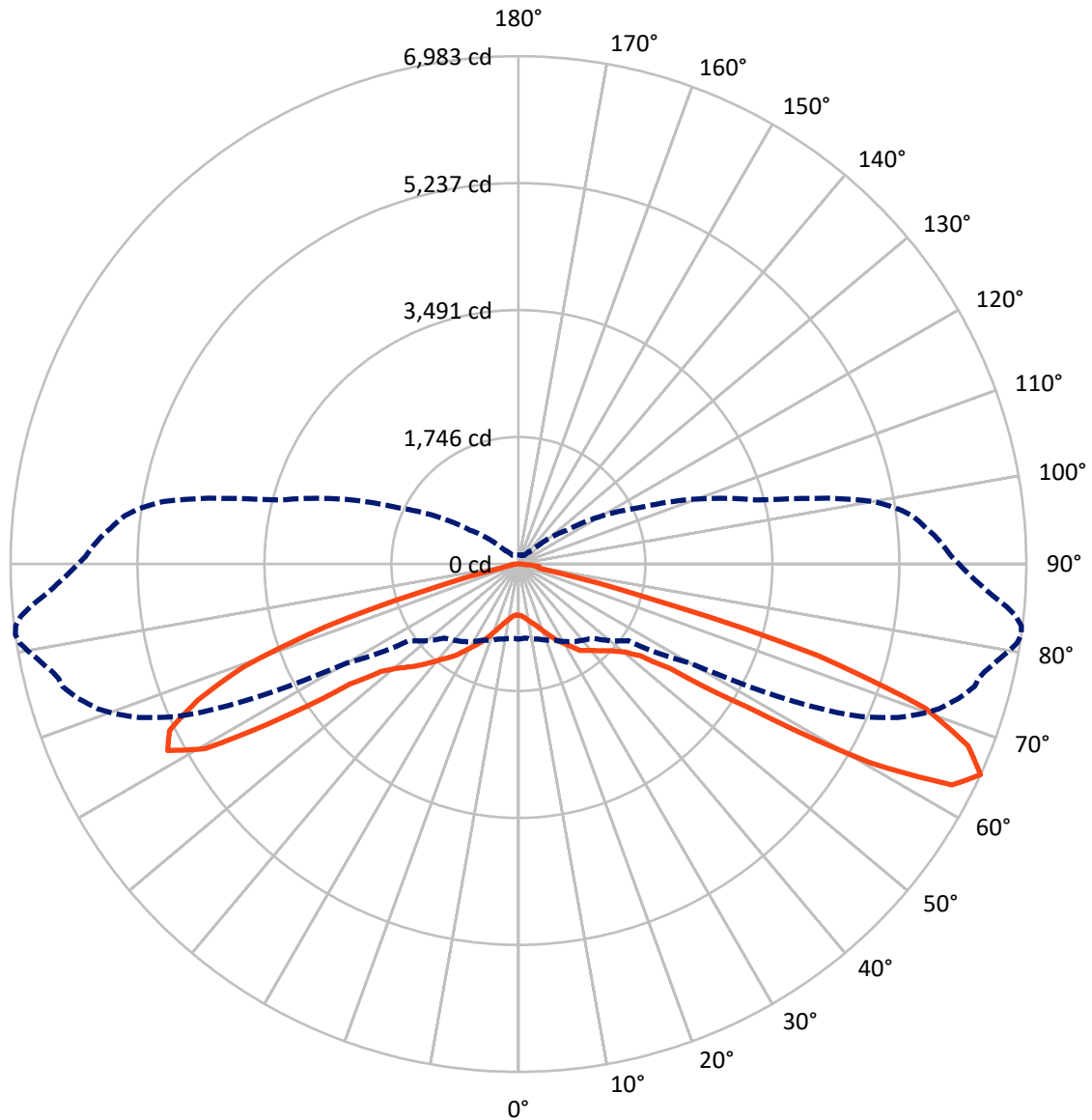
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 9 fc
 Type II - Short - Semi-Cutoff

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CATALOG NUMBER: LDRV-T2-E03-E-8030

Luminous Intensity Polar Plot



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

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CATALOG NUMBER: LDRV-T2-E03-E-8030

FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 2794.8 | 0.0 | 2794.8 |
| | % Fixture | 36.8 | 0.0 | 36.8 |
| Street Side | Lumens | 4797.5 | 0.0 | 4797.5 |
| | % Fixture | 63.2 | 0.0 | 63.2 |
| Total | Lumens | 7592.3 | 0.0 | 7592.3 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 71.4 | 0.9 |
| 10°-20° | 251.4 | 3.3 |
| 20°-30° | 498.7 | 6.6 |
| 30°-40° | 850.9 | 11.2 |
| 40°-50° | 1276.0 | 16.8 |
| 50°-60° | 1776.1 | 23.4 |
| 60°-70° | 2040.5 | 26.9 |
| 70°-80° | 704.1 | 9.3 |
| 80°-90° | 123.1 | 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° | 7592.3 | 100.0 |
| 0°-180° | 7592.3 | 100.0 |



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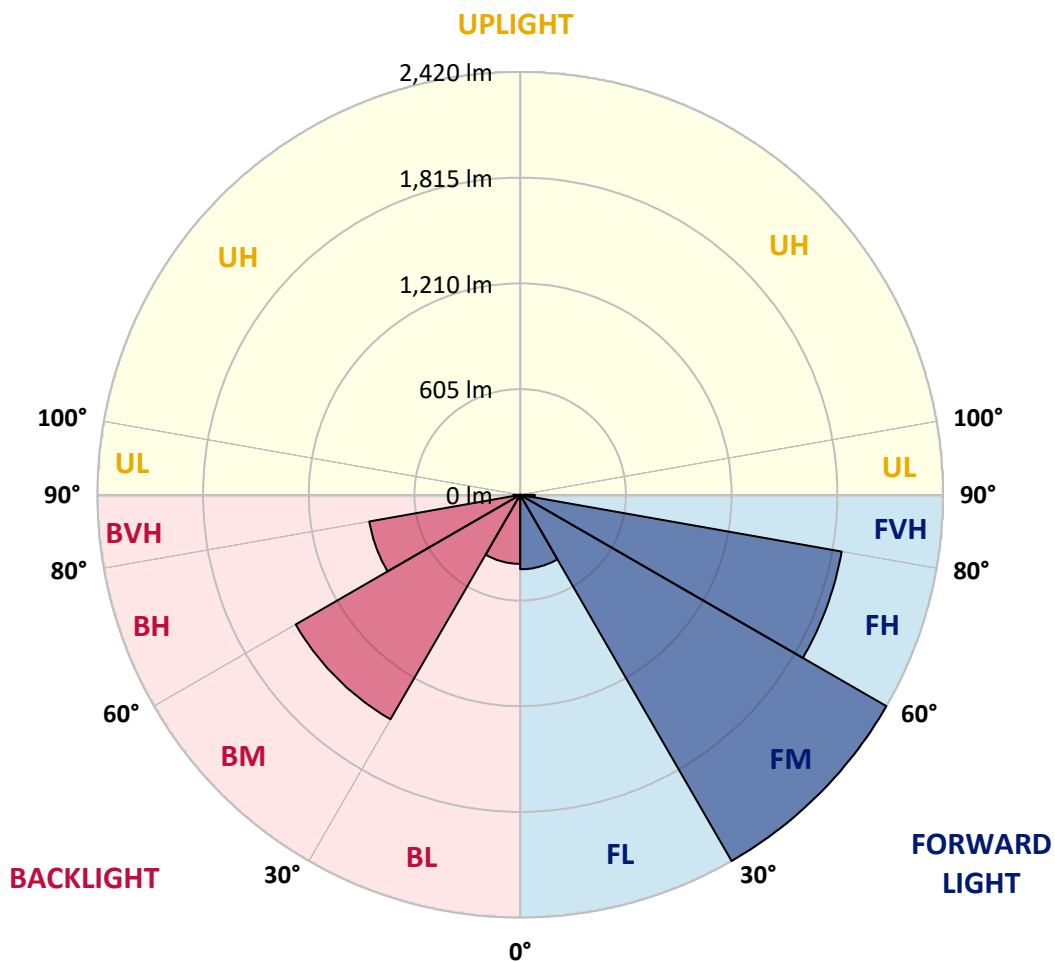
CATALOG NUMBER: LDRV-T2-E03-E-8030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 426.2 | 5.6 | | | |
| FM | (30°-60°) | 2419.8 | 31.9 | | | |
| FH | (60°-80°) | 1868.0 | 24.6 | | | G2/5000 |
| FVH | (80°-90°) | 83.6 | 1.1 | | | G1/100 |
| BL | (0°-30°) | 395.3 | 5.2 | B1/500 | | |
| BM | (30°-60°) | 1483.3 | 19.5 | B2/2500 | | |
| BH | (60°-80°) | 876.7 | 11.5 | B2/1000 | | G2/1000 |
| BVH | (80°-90°) | 39.5 | 0.5 | | | 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 II Short





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CATALOG NUMBER: LDRV-T2-E03-E-8030

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 60° | 61° | 62° | 64° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 703.4 | 703.4 | 703.4 | 703.4 | 703.4 | 703.4 | 703.4 | 703.4 | 703.4 | 703.4 | 703.4 |
| 2.5° | 742.4 | 741.9 | 741.4 | 739.3 | 738.3 | 734.3 | 730.2 | 727.7 | 725.7 | 726.7 | 723.6 |
| 5° | 785.4 | 785.4 | 783.4 | 780.9 | 777.8 | 772.3 | 762.1 | 757.1 | 756.0 | 756.0 | 752.5 |
| 7.5° | 829.5 | 832.5 | 826.9 | 824.9 | 819.9 | 811.2 | 799.6 | 793.0 | 791.0 | 791.0 | 787.9 |
| 10° | 885.2 | 883.7 | 877.6 | 873.5 | 863.4 | 851.8 | 836.1 | 828.5 | 825.4 | 828.0 | 822.9 |
| 12.5° | 943.9 | 943.4 | 934.3 | 926.7 | 912.5 | 893.8 | 873.0 | 862.9 | 860.9 | 860.9 | 857.8 |
| 15° | 1003.7 | 1004.2 | 994.1 | 979.9 | 957.6 | 932.3 | 909.0 | 899.4 | 896.8 | 895.8 | 892.3 |
| 17.5° | 1049.2 | 1054.3 | 1044.2 | 1026.0 | 998.6 | 970.8 | 945.9 | 936.3 | 935.8 | 934.8 | 930.8 |
| 20° | 1075.1 | 1076.1 | 1070.5 | 1057.4 | 1033.0 | 1006.2 | 989.0 | 984.4 | 983.9 | 984.4 | 985.4 |
| 22.5° | 1074.1 | 1075.6 | 1073.6 | 1068.5 | 1052.8 | 1038.1 | 1036.1 | 1038.6 | 1040.1 | 1038.6 | 1042.2 |
| 25° | 1066.0 | 1068.0 | 1068.0 | 1070.5 | 1066.5 | 1071.5 | 1087.7 | 1094.8 | 1095.3 | 1096.3 | 1103.9 |
| 27.5° | 1083.7 | 1085.7 | 1085.2 | 1089.8 | 1093.3 | 1111.0 | 1140.4 | 1153.1 | 1154.6 | 1158.1 | 1165.2 |
| 30° | 1165.7 | 1166.2 | 1157.1 | 1156.6 | 1160.1 | 1174.3 | 1204.2 | 1218.9 | 1217.4 | 1224.5 | 1229.0 |
| 32.5° | 1295.4 | 1299.4 | 1290.3 | 1280.7 | 1279.2 | 1281.2 | 1286.7 | 1296.9 | 1295.4 | 1298.9 | 1305.0 |
| 35° | 1443.2 | 1443.7 | 1438.7 | 1444.2 | 1447.3 | 1433.6 | 1407.3 | 1404.7 | 1396.6 | 1398.2 | 1400.2 |
| 37.5° | 1578.9 | 1582.5 | 1592.1 | 1627.6 | 1647.8 | 1614.4 | 1562.7 | 1530.3 | 1525.3 | 1522.7 | 1505.0 |
| 40° | 1706.0 | 1723.8 | 1747.1 | 1793.1 | 1821.0 | 1833.1 | 1759.7 | 1694.4 | 1676.7 | 1669.6 | 1641.7 |
| 42.5° | 1854.9 | 1864.0 | 1891.4 | 1944.0 | 1981.0 | 2036.2 | 1987.1 | 1915.2 | 1894.4 | 1864.0 | 1829.1 |
| 45° | 1981.0 | 1987.1 | 2004.3 | 2048.9 | 2126.4 | 2218.5 | 2224.1 | 2174.0 | 2157.7 | 2127.4 | 2076.2 |
| 47.5° | 2065.6 | 2065.1 | 2077.7 | 2121.3 | 2222.1 | 2362.8 | 2446.4 | 2444.4 | 2425.6 | 2415.0 | 2371.4 |
| 50° | 2098.5 | 2098.0 | 2106.1 | 2154.7 | 2264.6 | 2448.9 | 2633.3 | 2696.6 | 2696.0 | 2700.1 | 2677.8 |
| 52.5° | 2104.6 | 2104.1 | 2105.1 | 2144.1 | 2256.0 | 2478.8 | 2768.0 | 2917.3 | 2939.1 | 2966.5 | 2991.3 |
| 55° | 2059.0 | 2064.1 | 2075.2 | 2116.2 | 2223.6 | 2466.6 | 2867.7 | 3124.5 | 3176.6 | 3232.3 | 3322.5 |
| 57.5° | 1953.7 | 1963.3 | 2001.8 | 2075.2 | 2189.1 | 2436.8 | 2937.1 | 3380.7 | 3486.5 | 3621.2 | 3865.3 |
| 60° | 1802.8 | 1811.4 | 1864.5 | 1961.8 | 2088.9 | 2306.6 | 2856.6 | 3488.0 | 3689.1 | 3923.0 | 4423.4 |
| 62.5° | 1535.9 | 1560.2 | 1588.6 | 1657.4 | 1790.6 | 1965.8 | 2495.0 | 3306.8 | 3618.2 | 3961.5 | 4650.2 |
| 65° | 1031.5 | 1021.4 | 1068.5 | 1156.1 | 1302.4 | 1438.7 | 1838.2 | 2727.4 | 3121.4 | 3593.9 | 4446.1 |
| 67.5° | 638.6 | 640.1 | 672.0 | 757.6 | 868.0 | 973.8 | 1165.2 | 1738.5 | 2087.9 | 2537.0 | 3562.0 |
| 70° | 527.7 | 533.7 | 559.6 | 639.1 | 733.3 | 852.8 | 864.9 | 921.6 | 1078.1 | 1295.4 | 2200.3 |
| 72.5° | 418.8 | 421.3 | 447.7 | 514.0 | 647.2 | 811.2 | 1027.0 | 700.3 | 688.2 | 721.1 | 1116.1 |
| 75° | 259.8 | 261.8 | 275.0 | 317.5 | 419.8 | 632.0 | 1130.8 | 805.2 | 754.5 | 712.0 | 719.1 |
| 77.5° | 134.2 | 138.2 | 145.3 | 164.6 | 220.3 | 353.0 | 890.2 | 1020.9 | 963.2 | 905.4 | 792.5 |
| 80° | 76.0 | 76.0 | 82.5 | 87.1 | 104.3 | 143.8 | 452.7 | 1105.0 | 1207.2 | 1232.1 | 1106.5 |
| 82.5° | 33.9 | 38.0 | 51.1 | 54.7 | 59.8 | 65.8 | 149.9 | 663.9 | 921.1 | 1150.5 | 1422.0 |
| 85° | 20.3 | 19.7 | 32.4 | 35.4 | 37.0 | 31.4 | 56.2 | 270.9 | 430.4 | 630.0 | 942.4 |
| 87.5° | 8.1 | 8.6 | 13.7 | 14.7 | 17.2 | 12.7 | 21.3 | 58.2 | 85.6 | 124.1 | 175.2 |
| 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: LDRV-T2-E03-E-8030

CANDELA DISTRIBUTION (continued):

| | 65° | 66° | 67° | 68° | 69° | 70° | 71° | 72° | 73° | 74° | 75° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 703.4 | 703.4 | 703.4 | 703.4 | 703.4 | 703.4 | 703.4 | 703.4 | 703.4 | 703.4 | 703.4 |
| 2.5° | 723.1 | 723.1 | 722.6 | 722.1 | 721.6 | 720.1 | 719.6 | 718.6 | 718.1 | 716.5 | 716.0 |
| 5° | 752.0 | 750.5 | 750.0 | 749.0 | 748.5 | 746.4 | 746.4 | 744.4 | 742.9 | 740.9 | 740.3 |
| 7.5° | 786.4 | 784.4 | 782.9 | 781.9 | 781.4 | 777.8 | 777.8 | 774.8 | 774.3 | 771.7 | 770.7 |
| 10° | 821.4 | 819.9 | 817.8 | 816.8 | 816.3 | 814.3 | 812.3 | 810.2 | 808.7 | 807.2 | 805.2 |
| 12.5° | 856.3 | 853.3 | 852.3 | 850.7 | 849.7 | 848.2 | 847.7 | 843.1 | 843.1 | 841.6 | 839.6 |
| 15° | 890.2 | 889.7 | 886.2 | 885.7 | 884.7 | 885.2 | 882.1 | 882.6 | 881.1 | 878.6 | 877.6 |
| 17.5° | 931.8 | 928.2 | 929.7 | 927.2 | 927.7 | 926.7 | 925.7 | 925.2 | 926.2 | 925.7 | 926.7 |
| 20° | 983.4 | 982.4 | 983.9 | 980.4 | 983.9 | 984.4 | 983.4 | 986.0 | 984.9 | 986.0 | 982.9 |
| 22.5° | 1044.7 | 1041.1 | 1041.1 | 1043.7 | 1045.2 | 1049.8 | 1047.2 | 1049.2 | 1051.3 | 1052.8 | 1050.8 |
| 25° | 1106.5 | 1105.5 | 1107.5 | 1109.5 | 1112.5 | 1116.6 | 1115.6 | 1116.1 | 1120.1 | 1122.7 | 1123.2 |
| 27.5° | 1169.3 | 1169.3 | 1175.3 | 1175.3 | 1179.4 | 1184.0 | 1185.5 | 1187.5 | 1190.5 | 1194.1 | 1194.1 |
| 30° | 1234.1 | 1234.1 | 1239.7 | 1244.7 | 1246.7 | 1252.3 | 1255.4 | 1258.4 | 1264.0 | 1265.0 | 1269.5 |
| 32.5° | 1308.0 | 1309.5 | 1315.1 | 1318.1 | 1322.7 | 1329.3 | 1330.3 | 1333.8 | 1340.4 | 1342.5 | 1346.0 |
| 35° | 1404.2 | 1399.2 | 1404.2 | 1409.8 | 1412.3 | 1410.3 | 1421.4 | 1426.0 | 1430.6 | 1433.1 | 1437.7 |
| 37.5° | 1503.5 | 1494.9 | 1495.4 | 1494.4 | 1488.3 | 1491.8 | 1491.8 | 1490.8 | 1493.9 | 1493.4 | 1495.4 |
| 40° | 1629.1 | 1613.9 | 1609.3 | 1599.7 | 1586.5 | 1579.4 | 1571.8 | 1570.8 | 1563.2 | 1566.3 | 1560.7 |
| 42.5° | 1801.2 | 1778.5 | 1766.3 | 1736.4 | 1720.2 | 1701.0 | 1682.2 | 1666.0 | 1657.4 | 1647.8 | 1640.7 |
| 45° | 2037.7 | 2010.9 | 1981.5 | 1933.4 | 1905.6 | 1867.1 | 1842.3 | 1805.3 | 1780.5 | 1759.7 | 1745.0 |
| 47.5° | 2334.5 | 2289.4 | 2265.6 | 2220.5 | 2171.9 | 2113.7 | 2060.5 | 2008.9 | 1966.8 | 1921.3 | 1885.3 |
| 50° | 2679.3 | 2623.1 | 2604.4 | 2544.6 | 2517.3 | 2452.0 | 2395.2 | 2331.4 | 2265.6 | 2196.7 | 2130.9 |
| 52.5° | 2984.7 | 2978.1 | 2985.7 | 2945.7 | 2944.7 | 2911.8 | 2849.0 | 2774.5 | 2713.3 | 2643.9 | 2557.3 |
| 55° | 3350.8 | 3416.1 | 3430.3 | 3424.7 | 3454.6 | 3453.6 | 3447.5 | 3439.9 | 3391.3 | 3293.1 | 3263.2 |
| 57.5° | 3997.0 | 4070.4 | 4178.8 | 4227.9 | 4336.3 | 4348.9 | 4449.2 | 4410.2 | 4484.6 | 4464.4 | 4478.0 |
| 60° | 4654.8 | 4880.1 | 5085.7 | 5242.2 | 5394.1 | 5532.4 | 5701.5 | 5773.9 | 5828.1 | 5912.7 | 6001.8 |
| 62.5° | 4949.0 | 5233.1 | 5478.2 | 5701.0 | 5889.9 | 6065.1 | 6210.4 | 6348.2 | 6456.5 | 6553.8 | 6628.7 |
| 65° | 4830.0 | 5159.7 | 5398.7 | 5631.1 | 5807.3 | 5970.4 | 6114.7 | 6218.0 | 6325.9 | 6414.0 | 6493.5 |
| 67.5° | 4021.3 | 4460.3 | 4772.3 | 5036.1 | 5257.4 | 5443.2 | 5593.1 | 5735.4 | 5811.9 | 5908.1 | 5951.1 |
| 70° | 2663.6 | 3226.7 | 3667.8 | 4024.3 | 4375.2 | 4585.9 | 4763.7 | 4929.2 | 5016.3 | 5094.3 | 5142.4 |
| 72.5° | 1463.0 | 1847.8 | 2318.8 | 2742.6 | 3079.9 | 3356.4 | 3563.5 | 3720.5 | 3810.1 | 3877.0 | 3807.6 |
| 75° | 829.0 | 1018.9 | 1249.3 | 1483.7 | 1739.5 | 1934.4 | 1989.1 | 2056.0 | 2071.7 | 2037.2 | 1948.1 |
| 77.5° | 762.1 | 762.1 | 762.6 | 757.1 | 768.2 | 781.9 | 773.8 | 760.1 | 698.3 | 684.6 | 665.4 |
| 80° | 991.0 | 883.2 | 767.7 | 630.5 | 514.0 | 433.5 | 408.7 | 410.7 | 430.4 | 468.9 | 511.5 |
| 82.5° | 1404.7 | 1298.4 | 1131.8 | 922.7 | 734.3 | 576.3 | 472.5 | 424.9 | 424.4 | 462.8 | 518.0 |
| 85° | 1024.4 | 1033.0 | 996.1 | 881.1 | 702.9 | 553.5 | 447.1 | 343.3 | 309.9 | 309.9 | 305.9 |
| 87.5° | 179.3 | 184.8 | 159.5 | 142.8 | 99.8 | 70.4 | 63.3 | 55.7 | 55.2 | 57.2 | 52.7 |
| 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: P167628

CATALOG NUMBER: LDRV-T2-E03-E-8030

CANDELA DISTRIBUTION (continued):

| | 76° | 77° | 78° | 79° | 80° | 81° | 82° | 83° | 84° | 85° | 86° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 703.4 | 703.4 | 703.4 | 703.4 | 703.4 | 703.4 | 703.4 | 703.4 | 703.4 | 703.4 | 703.4 |
| 2.5° | 716.0 | 715.0 | 714.0 | 713.5 | 713.5 | 712.5 | 712.5 | 711.5 | 712.0 | 711.5 | 710.0 |
| 5° | 739.3 | 738.8 | 737.3 | 734.8 | 734.3 | 732.2 | 732.2 | 730.7 | 730.7 | 729.7 | 727.2 |
| 7.5° | 768.7 | 767.7 | 766.7 | 764.7 | 762.6 | 762.6 | 759.1 | 759.1 | 756.6 | 755.5 | 753.5 |
| 10° | 803.6 | 800.6 | 799.1 | 797.1 | 796.6 | 796.1 | 792.5 | 792.5 | 789.5 | 789.0 | 787.4 |
| 12.5° | 838.1 | 836.1 | 834.5 | 833.5 | 831.0 | 830.5 | 829.0 | 827.4 | 825.9 | 824.9 | 824.4 |
| 15° | 875.6 | 874.5 | 873.0 | 873.0 | 873.0 | 870.5 | 869.0 | 868.0 | 868.0 | 866.4 | 867.5 |
| 17.5° | 924.2 | 925.7 | 923.7 | 922.7 | 921.1 | 923.7 | 921.1 | 921.1 | 922.7 | 922.7 | 919.1 |
| 20° | 984.4 | 986.5 | 984.4 | 984.9 | 983.9 | 984.4 | 984.9 | 986.0 | 988.0 | 984.4 | 984.9 |
| 22.5° | 1051.3 | 1051.8 | 1053.3 | 1051.8 | 1054.3 | 1052.8 | 1055.8 | 1058.4 | 1057.9 | 1056.8 | 1057.4 |
| 25° | 1124.2 | 1122.7 | 1123.2 | 1127.7 | 1131.3 | 1130.3 | 1130.8 | 1134.8 | 1133.8 | 1132.8 | 1133.3 |
| 27.5° | 1198.1 | 1197.1 | 1198.6 | 1202.7 | 1206.7 | 1206.2 | 1205.2 | 1208.3 | 1208.3 | 1205.7 | 1206.7 |
| 30° | 1271.6 | 1273.1 | 1275.6 | 1275.6 | 1277.6 | 1279.7 | 1278.1 | 1281.7 | 1282.2 | 1280.2 | 1282.7 |
| 32.5° | 1349.0 | 1352.1 | 1351.1 | 1358.2 | 1358.2 | 1358.7 | 1360.2 | 1359.7 | 1364.7 | 1360.7 | 1362.2 |
| 35° | 1442.2 | 1443.2 | 1449.3 | 1454.4 | 1457.4 | 1459.9 | 1459.9 | 1461.5 | 1464.0 | 1462.0 | 1465.0 |
| 37.5° | 1498.9 | 1501.0 | 1503.0 | 1506.0 | 1506.0 | 1506.0 | 1508.5 | 1509.1 | 1510.6 | 1510.1 | 1511.1 |
| 40° | 1561.2 | 1561.7 | 1562.2 | 1562.7 | 1564.8 | 1565.8 | 1563.2 | 1566.8 | 1564.3 | 1565.3 | 1566.8 |
| 42.5° | 1636.7 | 1629.6 | 1630.6 | 1629.1 | 1632.6 | 1628.1 | 1629.1 | 1633.1 | 1631.1 | 1634.1 | 1634.1 |
| 45° | 1724.3 | 1716.2 | 1709.1 | 1705.0 | 1705.0 | 1699.0 | 1700.0 | 1701.5 | 1704.0 | 1708.1 | 1715.2 |
| 47.5° | 1853.9 | 1826.1 | 1812.4 | 1798.2 | 1791.1 | 1783.5 | 1786.1 | 1786.6 | 1787.6 | 1794.2 | 1811.9 |
| 50° | 2066.1 | 2019.5 | 1983.5 | 1940.5 | 1924.3 | 1911.1 | 1903.5 | 1904.0 | 1904.0 | 1917.7 | 1935.4 |
| 52.5° | 2476.3 | 2389.7 | 2304.1 | 2229.1 | 2164.8 | 2133.9 | 2098.0 | 2088.9 | 2089.4 | 2101.0 | 2113.2 |
| 55° | 3184.7 | 3065.7 | 2975.1 | 2808.5 | 2757.8 | 2615.5 | 2540.6 | 2497.5 | 2464.1 | 2480.3 | 2498.0 |
| 57.5° | 4455.8 | 4345.9 | 4274.0 | 4075.0 | 3893.7 | 3842.0 | 3719.0 | 3619.2 | 3578.2 | 3530.6 | 3533.6 |
| 60° | 6015.0 | 5958.2 | 5940.0 | 5823.5 | 5758.2 | 5555.1 | 5538.9 | 5412.9 | 5293.8 | 5191.1 | 5233.1 |
| 62.5° | 6686.4 | 6712.8 | 6734.0 | 6775.1 | 6790.8 | 6771.5 | 6690.0 | 6634.3 | 6536.5 | 6401.8 | 6319.3 |
| 65° | 6516.8 | 6577.1 | 6667.7 | 6753.3 | 6855.6 | 6940.6 | 6982.7 | 6966.5 | 6878.4 | 6739.6 | 6566.4 |
| 67.5° | 5982.0 | 6043.3 | 6121.3 | 6229.7 | 6386.1 | 6551.7 | 6667.2 | 6740.6 | 6670.7 | 6545.7 | 6369.4 |
| 70° | 5139.9 | 5199.7 | 5202.2 | 5353.6 | 5522.2 | 5730.9 | 5935.5 | 6012.4 | 5932.9 | 5849.4 | 5702.0 |
| 72.5° | 3849.6 | 3813.7 | 3847.1 | 3874.9 | 3971.1 | 4102.8 | 4301.3 | 4292.7 | 4171.2 | 4106.4 | 3880.0 |
| 75° | 1809.3 | 1785.0 | 1749.6 | 1726.3 | 1704.0 | 1657.4 | 1679.7 | 1584.5 | 1551.6 | 1564.8 | 1369.3 |
| 77.5° | 650.7 | 617.3 | 563.6 | 511.5 | 445.6 | 369.2 | 311.4 | 273.5 | 254.7 | 255.2 | 243.6 |
| 80° | 545.9 | 562.1 | 554.5 | 502.8 | 428.9 | 348.9 | 261.3 | 198.0 | 169.1 | 157.0 | 149.4 |
| 82.5° | 592.0 | 673.5 | 714.0 | 682.1 | 576.3 | 443.6 | 285.6 | 172.7 | 126.6 | 108.4 | 103.8 |
| 85° | 328.1 | 328.7 | 318.5 | 304.3 | 269.9 | 185.3 | 123.6 | 82.0 | 65.8 | 58.7 | 56.7 |
| 87.5° | 55.7 | 53.2 | 53.2 | 49.6 | 43.5 | 42.5 | 38.0 | 36.0 | 31.9 | 29.4 | 28.4 |
| 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: P167628

CATALOG NUMBER: LDRV-T2-E03-E-8030

CANDELA DISTRIBUTION (continued):

| | 87° | 88° | 89° | 90° | 91° | 92° | 93° | 94° | 95° | 96° | 97° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 703.4 | 703.4 | 703.4 | 703.4 | 703.4 | 703.4 | 703.4 | 703.4 | 703.4 | 703.4 | 703.4 |
| 2.5° | 708.4 | 707.4 | 706.9 | 706.4 | 706.4 | 705.9 | 705.9 | 704.9 | 703.9 | 703.4 | 702.9 |
| 5° | 724.7 | 723.6 | 722.6 | 721.6 | 721.6 | 720.6 | 719.6 | 718.6 | 717.1 | 714.5 | 714.0 |
| 7.5° | 752.0 | 750.0 | 750.0 | 746.4 | 746.4 | 744.4 | 742.9 | 742.9 | 740.9 | 736.8 | 736.3 |
| 10° | 785.9 | 782.4 | 780.9 | 778.8 | 777.8 | 775.8 | 775.8 | 773.8 | 772.8 | 771.2 | 766.2 |
| 12.5° | 822.4 | 819.9 | 818.8 | 816.3 | 814.8 | 814.8 | 813.8 | 810.2 | 812.8 | 809.2 | 806.7 |
| 15° | 866.4 | 865.9 | 861.4 | 862.9 | 862.4 | 861.9 | 862.4 | 859.4 | 858.8 | 858.8 | 855.8 |
| 17.5° | 921.6 | 917.6 | 918.1 | 918.1 | 919.1 | 919.1 | 915.1 | 917.1 | 917.6 | 916.6 | 915.6 |
| 20° | 986.5 | 984.9 | 986.5 | 983.4 | 986.5 | 986.5 | 988.5 | 988.0 | 988.5 | 989.5 | 989.5 |
| 22.5° | 1055.8 | 1059.9 | 1060.4 | 1061.4 | 1057.9 | 1063.9 | 1063.9 | 1064.9 | 1067.5 | 1067.5 | 1068.5 |
| 25° | 1139.9 | 1137.9 | 1135.3 | 1138.9 | 1139.9 | 1143.9 | 1145.0 | 1145.0 | 1149.0 | 1149.0 | 1150.5 |
| 27.5° | 1209.8 | 1211.8 | 1211.3 | 1213.3 | 1212.3 | 1217.9 | 1219.9 | 1226.0 | 1224.5 | 1227.5 | 1231.6 |
| 30° | 1281.7 | 1285.7 | 1283.7 | 1284.2 | 1286.7 | 1290.3 | 1294.3 | 1300.4 | 1301.4 | 1309.5 | 1311.6 |
| 32.5° | 1364.7 | 1367.8 | 1370.3 | 1371.3 | 1371.3 | 1377.4 | 1384.0 | 1386.0 | 1396.6 | 1402.7 | 1409.8 |
| 35° | 1470.1 | 1470.6 | 1472.1 | 1473.6 | 1472.6 | 1479.2 | 1485.8 | 1487.8 | 1498.9 | 1500.4 | 1515.1 |
| 37.5° | 1514.6 | 1515.6 | 1521.7 | 1524.8 | 1526.8 | 1534.9 | 1547.0 | 1556.2 | 1568.3 | 1580.0 | 1596.7 |
| 40° | 1570.3 | 1576.4 | 1582.0 | 1586.5 | 1594.1 | 1605.3 | 1624.0 | 1633.1 | 1651.4 | 1673.1 | 1689.3 |
| 42.5° | 1640.7 | 1651.9 | 1655.9 | 1664.5 | 1683.3 | 1696.9 | 1715.7 | 1735.4 | 1759.7 | 1786.1 | 1805.3 |
| 45° | 1724.3 | 1734.9 | 1750.1 | 1759.7 | 1781.5 | 1803.3 | 1833.1 | 1850.4 | 1875.2 | 1905.6 | 1926.8 |
| 47.5° | 1825.6 | 1840.2 | 1855.4 | 1875.2 | 1901.0 | 1923.8 | 1953.7 | 1976.0 | 2000.8 | 2025.6 | 2048.9 |
| 50° | 1951.6 | 1973.4 | 1993.7 | 2014.4 | 2048.9 | 2068.1 | 2097.5 | 2120.8 | 2144.1 | 2168.9 | 2190.2 |
| 52.5° | 2121.3 | 2154.2 | 2180.0 | 2194.2 | 2240.8 | 2260.0 | 2296.0 | 2312.2 | 2331.4 | 2353.7 | 2381.1 |
| 55° | 2491.5 | 2542.6 | 2586.2 | 2611.5 | 2682.4 | 2707.7 | 2754.3 | 2778.1 | 2764.9 | 2793.3 | 2842.4 |
| 57.5° | 3562.0 | 3624.8 | 3676.9 | 3711.4 | 3783.8 | 3819.2 | 3821.8 | 3910.9 | 3858.2 | 3910.4 | 3918.0 |
| 60° | 5121.2 | 5170.8 | 5158.1 | 5158.6 | 5135.9 | 5102.9 | 5166.2 | 5070.0 | 5110.5 | 5113.1 | 5022.4 |
| 62.5° | 6166.9 | 6090.9 | 6055.5 | 5996.7 | 5928.4 | 5875.7 | 5839.7 | 5762.3 | 5700.5 | 5651.4 | 5555.7 |
| 65° | 6413.0 | 6281.3 | 6164.8 | 6055.0 | 5954.2 | 5884.3 | 5808.3 | 5725.3 | 5628.6 | 5547.0 | 5453.9 |
| 67.5° | 6175.0 | 5990.6 | 5818.0 | 5673.1 | 5535.4 | 5443.2 | 5333.3 | 5254.3 | 5132.8 | 5025.5 | 4954.6 |
| 70° | 5484.8 | 5229.5 | 5028.0 | 4935.3 | 4798.6 | 4600.6 | 4495.8 | 4397.0 | 4322.6 | 4225.4 | 4182.3 |
| 72.5° | 3847.6 | 3532.6 | 3377.1 | 3383.2 | 3244.5 | 3102.7 | 3106.2 | 3046.0 | 2949.7 | 2946.7 | 2932.0 |
| 75° | 1413.9 | 1286.2 | 1196.6 | 1200.7 | 1149.0 | 1093.8 | 1109.0 | 1125.2 | 1093.8 | 1157.6 | 1058.9 |
| 77.5° | 224.8 | 218.8 | 216.7 | 212.2 | 201.0 | 209.1 | 203.6 | 214.2 | 215.7 | 227.4 | 228.4 |
| 80° | 143.3 | 137.2 | 135.7 | 133.2 | 132.7 | 132.7 | 131.7 | 131.7 | 131.7 | 132.2 | 131.2 |
| 82.5° | 95.7 | 92.2 | 91.7 | 90.1 | 92.7 | 93.2 | 93.7 | 97.7 | 101.3 | 102.3 | 106.3 |
| 85° | 52.2 | 49.6 | 49.6 | 48.6 | 50.6 | 51.1 | 55.7 | 61.3 | 68.4 | 71.4 | 78.0 |
| 87.5° | 26.3 | 27.9 | 27.3 | 28.4 | 29.9 | 33.4 | 37.0 | 40.5 | 44.6 | 50.1 | 54.7 |
| 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: P167628

CATALOG NUMBER: LDRV-T2-E03-E-8030

CANDELA DISTRIBUTION (continued):

| | 98° | 99° | 100° | 101° | 102° | 103° | 104° | 105° | 115° | 125° | 135° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 703.4 | 703.4 | 703.4 | 703.4 | 703.4 | 703.4 | 703.4 | 703.4 | 703.4 | 703.4 | 703.4 |
| 2.5° | 701.9 | 701.4 | 701.4 | 700.3 | 700.3 | 699.8 | 698.8 | 697.8 | 693.3 | 687.7 | 684.1 |
| 5° | 712.5 | 711.5 | 711.0 | 710.0 | 708.4 | 708.4 | 706.9 | 704.9 | 696.3 | 687.2 | 681.6 |
| 7.5° | 734.3 | 733.8 | 732.2 | 730.2 | 728.2 | 726.2 | 725.2 | 724.1 | 711.0 | 702.4 | 698.3 |
| 10° | 765.7 | 765.2 | 761.6 | 761.1 | 758.1 | 758.6 | 756.0 | 754.0 | 745.4 | 735.8 | 730.2 |
| 12.5° | 805.7 | 807.7 | 805.7 | 801.1 | 802.1 | 800.6 | 798.1 | 795.5 | 787.9 | 780.4 | 771.7 |
| 15° | 855.3 | 852.8 | 850.7 | 854.8 | 851.2 | 850.7 | 852.3 | 852.8 | 843.7 | 835.6 | 823.4 |
| 17.5° | 917.1 | 917.1 | 916.1 | 917.1 | 915.1 | 916.6 | 915.6 | 916.6 | 912.5 | 901.4 | 883.7 |
| 20° | 987.5 | 991.5 | 991.5 | 990.0 | 989.5 | 992.5 | 994.1 | 988.5 | 989.5 | 979.9 | 948.0 |
| 22.5° | 1069.5 | 1072.5 | 1073.6 | 1072.0 | 1072.5 | 1076.6 | 1079.1 | 1075.1 | 1084.2 | 1068.5 | 1019.4 |
| 25° | 1154.1 | 1158.6 | 1156.6 | 1157.1 | 1161.2 | 1165.7 | 1170.3 | 1166.2 | 1184.0 | 1159.6 | 1095.3 |
| 27.5° | 1237.6 | 1241.7 | 1240.7 | 1243.7 | 1250.3 | 1256.4 | 1261.4 | 1259.9 | 1289.3 | 1257.4 | 1175.3 |
| 30° | 1316.6 | 1326.2 | 1328.3 | 1331.8 | 1339.9 | 1350.0 | 1358.2 | 1357.6 | 1395.6 | 1352.6 | 1240.7 |
| 32.5° | 1413.9 | 1424.5 | 1428.5 | 1436.1 | 1451.8 | 1458.9 | 1469.1 | 1470.1 | 1508.0 | 1436.1 | 1295.9 |
| 35° | 1526.3 | 1536.9 | 1545.5 | 1551.1 | 1568.8 | 1577.4 | 1587.5 | 1592.1 | 1617.4 | 1514.1 | 1334.3 |
| 37.5° | 1613.4 | 1622.5 | 1639.2 | 1650.8 | 1666.5 | 1683.8 | 1695.4 | 1701.0 | 1715.2 | 1581.0 | 1352.1 |
| 40° | 1708.6 | 1728.3 | 1744.5 | 1762.3 | 1779.5 | 1793.1 | 1803.8 | 1812.4 | 1806.8 | 1636.7 | 1344.5 |
| 42.5° | 1829.1 | 1849.9 | 1871.6 | 1886.8 | 1895.9 | 1914.2 | 1919.2 | 1925.3 | 1879.7 | 1662.0 | 1310.0 |
| 45° | 1954.7 | 1971.4 | 1989.6 | 2000.8 | 2012.9 | 2022.0 | 2023.6 | 2024.1 | 1933.9 | 1647.3 | 1247.8 |
| 47.5° | 2075.7 | 2089.9 | 2102.6 | 2108.6 | 2114.7 | 2115.2 | 2112.7 | 2108.6 | 1962.8 | 1597.7 | 1172.8 |
| 50° | 2208.4 | 2217.0 | 2222.6 | 2223.1 | 2228.6 | 2218.0 | 2210.9 | 2192.2 | 1959.7 | 1521.7 | 1093.8 |
| 52.5° | 2399.3 | 2397.3 | 2390.2 | 2389.7 | 2372.0 | 2351.7 | 2338.5 | 2311.7 | 1939.0 | 1439.7 | 1002.7 |
| 55° | 2837.8 | 2818.6 | 2840.9 | 2784.2 | 2737.1 | 2705.7 | 2631.2 | 2577.0 | 1959.7 | 1363.2 | 897.8 |
| 57.5° | 3891.6 | 3825.8 | 3832.9 | 3741.2 | 3641.0 | 3453.1 | 3342.2 | 3192.3 | 2122.8 | 1320.7 | 765.7 |
| 60° | 5003.2 | 4894.8 | 4792.5 | 4630.0 | 4416.8 | 4178.3 | 3963.6 | 3729.1 | 2284.9 | 1268.5 | 624.9 |
| 62.5° | 5462.0 | 5322.2 | 5144.5 | 4915.1 | 4641.1 | 4345.4 | 4048.6 | 3781.2 | 2195.7 | 1111.5 | 450.2 |
| 65° | 5314.1 | 5147.0 | 4957.6 | 4658.3 | 4347.4 | 4003.6 | 3678.5 | 3395.9 | 1828.6 | 812.8 | 271.9 |
| 67.5° | 4789.0 | 4645.2 | 4411.7 | 4129.1 | 3744.3 | 3399.4 | 3077.9 | 2816.6 | 1348.0 | 502.3 | 156.0 |
| 70° | 4032.4 | 3833.4 | 3633.9 | 3362.5 | 2956.8 | 2631.7 | 2332.5 | 2101.5 | 855.3 | 248.1 | 115.0 |
| 72.5° | 2783.1 | 2625.7 | 2466.1 | 2223.1 | 1920.2 | 1696.4 | 1439.2 | 1249.3 | 447.7 | 133.7 | 105.8 |
| 75° | 1084.2 | 1067.0 | 1048.7 | 938.3 | 835.6 | 669.5 | 587.9 | 530.2 | 186.4 | 116.0 | 104.3 |
| 77.5° | 238.0 | 252.2 | 260.3 | 246.6 | 235.0 | 209.6 | 200.5 | 179.3 | 124.6 | 119.0 | 103.3 |
| 80° | 131.2 | 131.2 | 131.2 | 132.7 | 130.1 | 130.1 | 128.6 | 126.1 | 116.5 | 119.0 | 101.3 |
| 82.5° | 107.4 | 108.9 | 110.9 | 111.4 | 110.9 | 111.4 | 110.4 | 109.9 | 113.9 | 119.5 | 96.2 |
| 85° | 82.0 | 87.1 | 90.1 | 94.2 | 98.2 | 100.8 | 101.8 | 102.3 | 104.8 | 113.4 | 84.1 |
| 87.5° | 58.2 | 62.3 | 68.9 | 69.9 | 74.4 | 80.0 | 82.0 | 85.1 | 83.6 | 86.1 | 39.5 |
| 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: P167628

CATALOG NUMBER: LDRV-T2-E03-E-8030

CANDELA DISTRIBUTION (continued):

| | 145° | 155° | 165° | 175° | 180° |
|-------|--------|-------|-------|-------|-------|
| 0° | 703.4 | 703.4 | 703.4 | 703.4 | 703.4 |
| 2.5° | 681.1 | 677.0 | 675.5 | 675.0 | 674.0 |
| 5° | 677.0 | 674.5 | 672.5 | 671.0 | 672.0 |
| 7.5° | 695.3 | 693.8 | 690.2 | 689.2 | 690.7 |
| 10° | 727.7 | 724.1 | 719.1 | 719.6 | 719.1 |
| 12.5° | 768.2 | 758.6 | 750.5 | 746.9 | 744.4 |
| 15° | 809.7 | 791.0 | 774.3 | 766.7 | 763.6 |
| 17.5° | 855.8 | 823.9 | 798.1 | 784.4 | 781.9 |
| 20° | 904.4 | 860.4 | 826.9 | 810.7 | 808.2 |
| 22.5° | 960.6 | 899.9 | 857.3 | 835.0 | 831.5 |
| 25° | 1015.3 | 935.3 | 878.6 | 851.2 | 846.7 |
| 27.5° | 1064.9 | 962.1 | 891.3 | 858.8 | 854.3 |
| 30° | 1106.5 | 983.4 | 901.9 | 864.9 | 859.9 |
| 32.5° | 1133.8 | 995.1 | 905.4 | 865.4 | 859.4 |
| 35° | 1142.4 | 987.5 | 890.2 | 844.2 | 839.1 |
| 37.5° | 1124.2 | 956.6 | 849.7 | 797.6 | 793.5 |
| 40° | 1082.7 | 899.4 | 785.9 | 731.7 | 726.7 |
| 42.5° | 1017.9 | 826.9 | 712.0 | 654.8 | 650.2 |
| 45° | 945.9 | 749.5 | 633.5 | 576.3 | 571.7 |
| 47.5° | 867.5 | 667.4 | 551.0 | 498.3 | 491.2 |
| 50° | 781.4 | 578.3 | 466.9 | 415.2 | 408.7 |
| 52.5° | 680.6 | 481.1 | 377.8 | 331.2 | 327.1 |
| 55° | 562.6 | 383.3 | 300.8 | 266.9 | 262.8 |
| 57.5° | 437.5 | 291.7 | 239.0 | 222.3 | 215.7 |
| 60° | 317.5 | 221.8 | 190.4 | 182.3 | 178.8 |
| 62.5° | 215.7 | 165.6 | 153.4 | 150.9 | 148.4 |
| 65° | 146.3 | 129.6 | 126.1 | 126.6 | 125.1 |
| 67.5° | 115.5 | 108.9 | 106.8 | 107.9 | 107.4 |
| 70° | 101.3 | 96.2 | 95.7 | 96.7 | 96.2 |
| 72.5° | 95.7 | 89.1 | 90.1 | 91.7 | 91.2 |
| 75° | 93.2 | 86.1 | 88.1 | 89.1 | 86.6 |
| 77.5° | 90.6 | 81.5 | 87.6 | 89.6 | 84.6 |
| 80° | 87.1 | 77.5 | 91.7 | 90.6 | 81.0 |
| 82.5° | 79.5 | 68.4 | 89.6 | 82.0 | 72.9 |
| 85° | 64.8 | 51.1 | 100.8 | 72.4 | 53.2 |
| 87.5° | 41.5 | 30.9 | 69.9 | 55.2 | 35.4 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)