

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: P145848

Luminaire Tested: **LDRV-SLL-E04-E-8030**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P145848  
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: LDRV-SLL-E04-E-8030  
Description: RIDGEVIEW LED AREA/SITE LUMINAIRE  
(4) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT  
Light Source: (84) 3000K CCT, 80 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 9093 lumens  
Efficiency: N/A  
Efficacy: 93.5 lumens/watt  
Luminous Opening: Rectangular (W 0.67' x L: 1' x H: 0')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B1 - U0 - G3

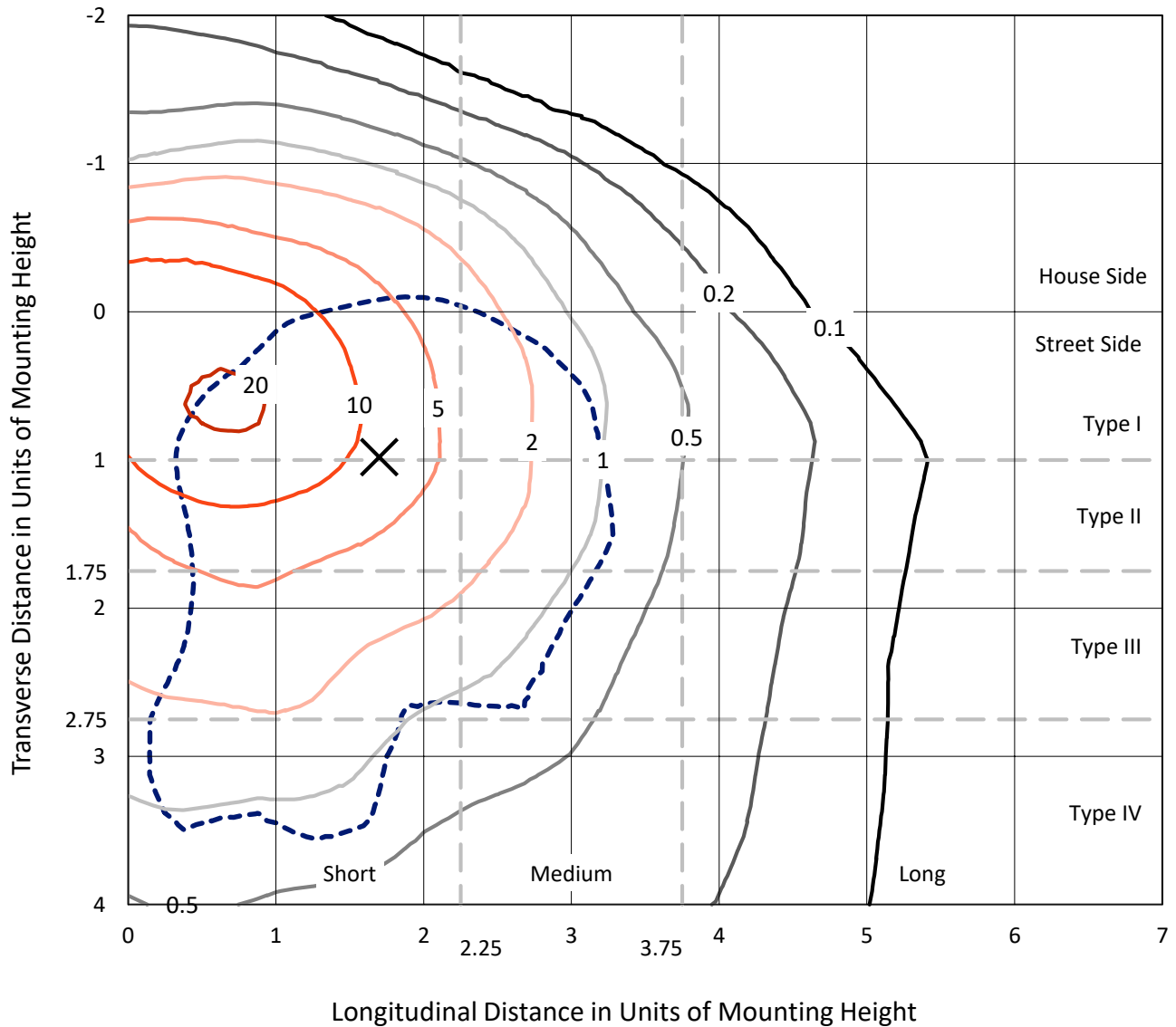
Input Watts (W): 97.2  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Footcandle Lines of Horizontal Illumination

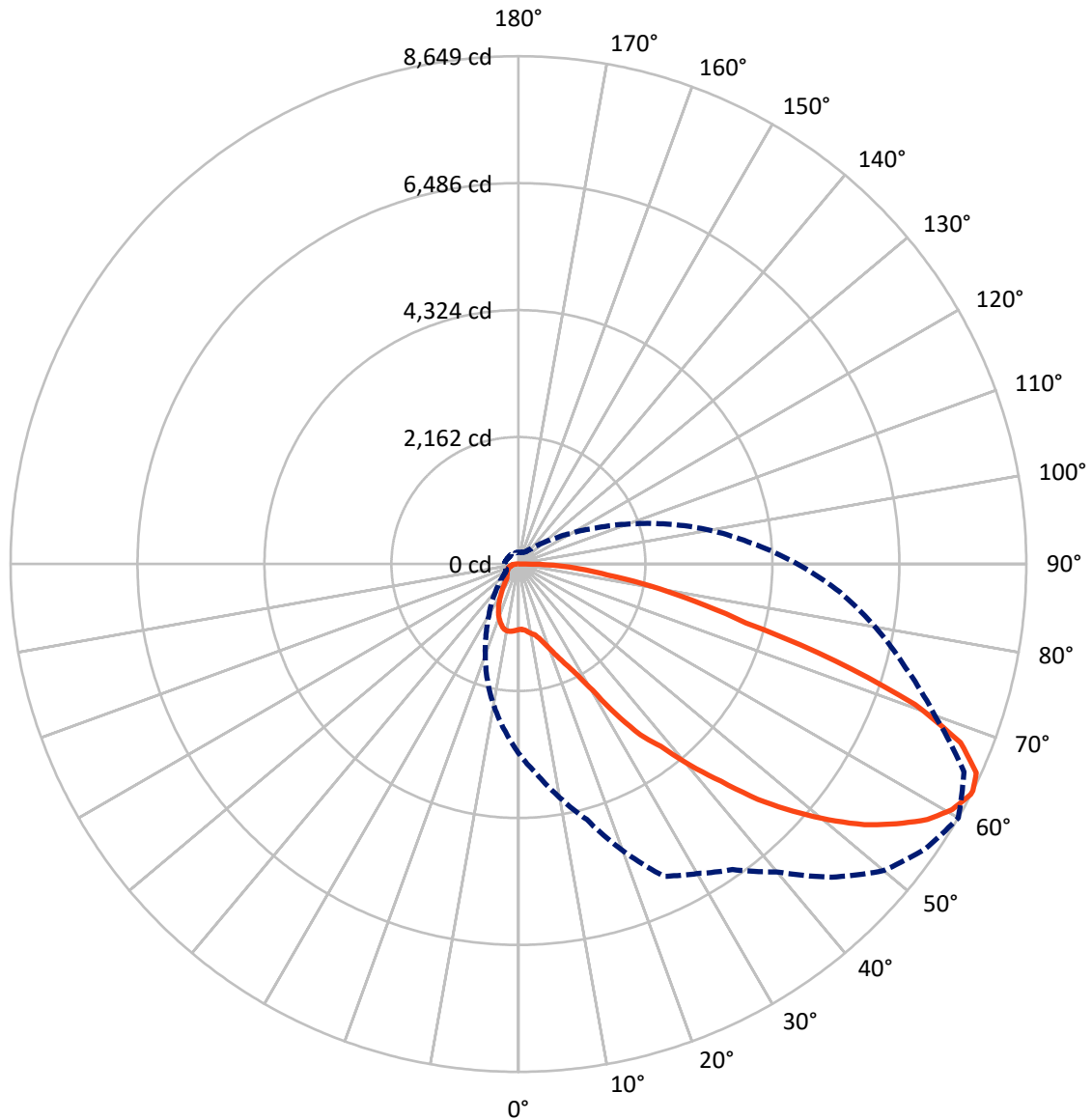
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 22.7 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  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1903.4   | 0.0    | 1903.4 |
|                    | % Fixture | 20.9     | 0.0    | 20.9   |
| <b>Street Side</b> | Lumens    | 7189.5   | 0.0    | 7189.5 |
|                    | % Fixture | 79.1     | 0.0    | 79.1   |
| <b>Total</b>       | Lumens    | 9093.0   | 0.0    | 9093.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 109.7  | 1.2       |
| 10°-20°   | 342.3  | 3.8       |
| 20°-30°   | 605.4  | 6.7       |
| 30°-40°   | 955.7  | 10.5      |
| 40°-50°   | 1405.3 | 15.5      |
| 50°-60°   | 1851.2 | 20.4      |
| 60°-70°   | 2063.4 | 22.7      |
| 70°-80°   | 1355.7 | 14.9      |
| 80°-90°   | 404.3  | 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°    | 9093.0 | 100.0     |
| 0°-180°   | 9093.0 | 100.0     |



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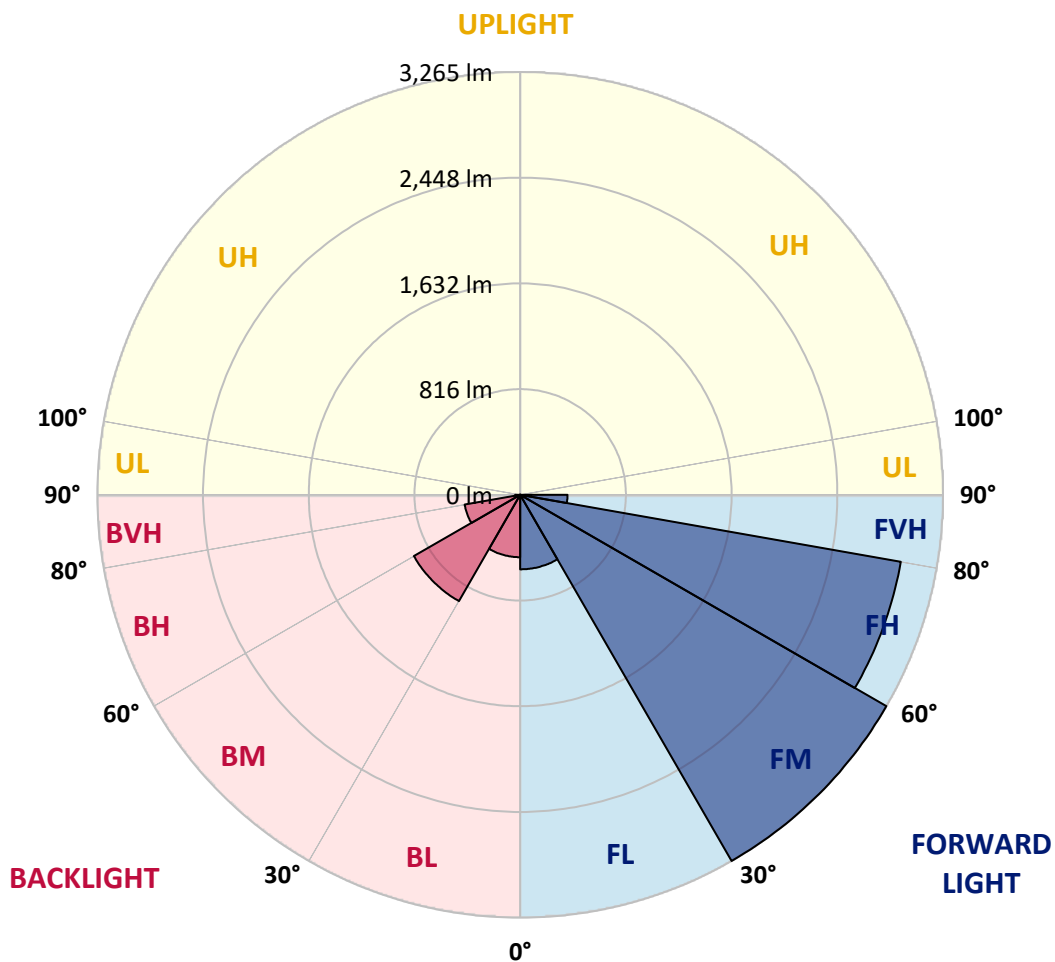
CATALOG NUMBER: LDRV-SLL-E04-E-8030

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 575.5  | 6.3       |                         |      |         |
| FM   | (30°-60°)   | 3264.6 | 35.9      |                         |      |         |
| FH   | (60°-80°)   | 2984.0 | 32.8      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 365.4  | 4.0       |                         |      | G3/500  |
| BL   | (0°-30°)    | 481.8  | 5.3       | B1/500                  |      |         |
| BM   | (30°-60°)   | 947.7  | 10.4      | B1/1000                 |      |         |
| BH   | (60°-80°)   | 435.0  | 4.8       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 38.9   | 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-G3**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1116.8 | 1116.8 | 1116.8 | 1116.8 | 1116.8 | 1116.8 | 1116.8 | 1116.8 | 1116.8 | 1116.8 | 1116.8 |
| 2.5°  | 1115.4 | 1116.1 | 1114.1 | 1113.4 | 1112.0 | 1112.7 | 1112.7 | 1111.4 | 1111.4 | 1112.0 | 1110.0 |
| 5°    | 1110.0 | 1111.4 | 1110.7 | 1112.0 | 1113.4 | 1115.4 | 1117.4 | 1119.5 | 1121.5 | 1124.2 | 1124.9 |
| 7.5°  | 1103.9 | 1108.0 | 1108.7 | 1112.7 | 1117.4 | 1122.8 | 1129.6 | 1137.0 | 1147.2 | 1149.9 | 1155.9 |
| 10°   | 1107.3 | 1114.7 | 1118.8 | 1126.9 | 1134.3 | 1144.5 | 1156.6 | 1164.0 | 1176.9 | 1181.6 | 1190.4 |
| 12.5° | 1133.6 | 1139.1 | 1144.5 | 1153.9 | 1164.7 | 1177.5 | 1191.0 | 1202.5 | 1216.0 | 1220.7 | 1224.1 |
| 15°   | 1183.6 | 1189.0 | 1195.1 | 1204.5 | 1216.0 | 1231.6 | 1251.1 | 1265.3 | 1281.5 | 1293.7 | 1302.4 |
| 17.5° | 1253.2 | 1253.2 | 1267.3 | 1270.0 | 1292.3 | 1316.0 | 1340.3 | 1367.9 | 1384.8 | 1394.9 | 1411.2 |
| 20°   | 1353.1 | 1353.1 | 1372.0 | 1380.8 | 1399.7 | 1430.1 | 1463.1 | 1493.5 | 1517.8 | 1538.1 | 1552.9 |
| 22.5° | 1525.9 | 1518.5 | 1534.7 | 1532.7 | 1555.6 | 1600.9 | 1633.3 | 1650.2 | 1682.6 | 1694.7 | 1714.3 |
| 25°   | 1726.5 | 1752.8 | 1770.4 | 1770.4 | 1779.8 | 1826.4 | 1853.4 | 1866.2 | 1895.9 | 1887.2 | 1907.4 |
| 27.5° | 1972.2 | 2043.1 | 2108.6 | 2135.6 | 2122.8 | 2174.1 | 2183.6 | 2195.7 | 2192.4 | 2171.4 | 2165.3 |
| 30°   | 2214.0 | 2338.9 | 2440.8 | 2502.9 | 2574.5 | 2673.8 | 2673.8 | 2690.0 | 2654.9 | 2596.8 | 2562.4 |
| 32.5° | 2381.4 | 2542.1 | 2698.1 | 2827.0 | 2948.6 | 3100.5 | 3164.6 | 3253.8 | 3268.6 | 3290.9 | 3213.9 |
| 35°   | 2519.1 | 2744.7 | 2912.1 | 3105.9 | 3254.4 | 3408.4 | 3579.2 | 3733.8 | 3836.4 | 3819.6 | 3789.2 |
| 37.5° | 2613.7 | 2903.3 | 3136.9 | 3364.5 | 3590.7 | 3766.9 | 3928.9 | 4130.8 | 4327.3 | 4366.5 | 4284.1 |
| 40°   | 2679.8 | 3015.4 | 3336.8 | 3616.3 | 3900.6 | 4165.3 | 4362.4 | 4579.2 | 4887.0 | 5017.4 | 4949.8 |
| 42.5° | 2711.6 | 3103.2 | 3461.7 | 3817.5 | 4177.4 | 4511.6 | 4758.8 | 5055.8 | 5421.1 | 5643.9 | 5569.7 |
| 45°   | 2725.1 | 3157.2 | 3563.0 | 3968.1 | 4400.2 | 4812.8 | 5131.5 | 5468.4 | 5879.6 | 6237.4 | 6250.9 |
| 47.5° | 2721.7 | 3186.2 | 3632.5 | 4075.5 | 4575.1 | 5055.2 | 5482.6 | 5864.7 | 6330.6 | 6706.7 | 6846.5 |
| 50°   | 2712.2 | 3196.4 | 3674.4 | 4140.3 | 4685.2 | 5232.7 | 5714.2 | 6168.6 | 6689.1 | 7165.1 | 7377.8 |
| 52.5° | 2711.6 | 3198.4 | 3695.3 | 4176.1 | 4750.0 | 5341.4 | 5859.3 | 6396.1 | 6966.6 | 7464.3 | 7795.8 |
| 55°   | 2727.8 | 3210.5 | 3718.3 | 4201.0 | 4785.1 | 5402.9 | 5941.0 | 6538.6 | 7087.5 | 7652.6 | 8080.7 |
| 57.5° | 2793.3 | 3267.3 | 3773.0 | 4243.6 | 4824.3 | 5451.5 | 6004.5 | 6579.8 | 7123.3 | 7731.0 | 8246.1 |
| 60°   | 2937.1 | 3373.3 | 3868.2 | 4321.9 | 4926.2 | 5579.1 | 6064.6 | 6521.7 | 7055.8 | 7708.7 | 8269.8 |
| 62.5° | 3161.3 | 3543.4 | 4001.2 | 4466.4 | 5133.5 | 5821.5 | 6089.6 | 6388.7 | 6889.0 | 7580.4 | 8167.8 |
| 63°   | 3218.6 | 3588.6 | 4036.3 | 4506.2 | 5193.6 | 5867.4 | 6087.5 | 6353.6 | 6843.1 | 7542.6 | 8121.9 |
| 65°   | 3458.3 | 3798.0 | 4199.7 | 4696.6 | 5467.0 | 6013.3 | 6013.9 | 6147.0 | 6608.8 | 7333.9 | 7933.5 |
| 67.5° | 3818.9 | 4143.0 | 4453.6 | 4947.8 | 5769.5 | 6086.2 | 5795.9 | 5695.3 | 6103.7 | 6892.4 | 7455.5 |
| 70°   | 4059.3 | 4459.6 | 4633.8 | 5014.0 | 5810.7 | 5997.7 | 5450.8 | 5115.3 | 5454.2 | 6113.2 | 6613.5 |
| 72.5° | 4065.3 | 4521.8 | 4572.4 | 4731.8 | 5425.2 | 5575.1 | 4856.7 | 4402.3 | 4606.2 | 5159.1 | 5422.5 |
| 75°   | 3631.2 | 4205.1 | 4101.1 | 4042.4 | 4417.8 | 4481.9 | 3928.3 | 3739.2 | 4000.5 | 4327.3 | 4195.6 |
| 77.5° | 2699.4 | 3462.4 | 3251.1 | 3001.2 | 3137.6 | 3147.1 | 3164.6 | 3521.1 | 3841.8 | 3975.5 | 3783.8 |
| 80°   | 1675.2 | 2543.5 | 2381.4 | 1969.5 | 2022.2 | 2177.5 | 2643.4 | 3273.3 | 3624.4 | 3720.3 | 3336.8 |
| 82.5° | 1010.1 | 1871.0 | 1784.5 | 1503.0 | 1569.1 | 1956.0 | 2471.2 | 2645.4 | 2763.6 | 2754.8 | 2358.4 |
| 85°   | 740.0  | 1270.7 | 1388.2 | 1409.1 | 1644.1 | 1899.3 | 1888.5 | 1759.6 | 1687.3 | 1484.7 | 1267.3 |
| 87.5° | 232.9  | 655.6  | 777.8  | 906.8  | 993.2  | 939.9  | 924.3  | 798.8  | 571.9  | 483.4  | 531.4  |
| 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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**CANDELA DISTRIBUTION (continued):**

|       | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1116.8 | 1116.8 | 1116.8 | 1116.8 | 1116.8 | 1116.8 | 1116.8 | 1116.8 | 1116.8 | 1116.8 | 1116.8 |
| 2.5°  | 1110.0 | 1112.7 | 1114.1 | 1113.4 | 1114.1 | 1114.1 | 1118.1 | 1116.8 | 1118.1 | 1117.4 | 1121.5 |
| 5°    | 1126.9 | 1130.9 | 1134.3 | 1134.3 | 1135.0 | 1136.3 | 1141.8 | 1141.8 | 1144.5 | 1149.9 | 1152.6 |
| 7.5°  | 1160.0 | 1165.4 | 1166.1 | 1167.4 | 1171.5 | 1169.4 | 1172.8 | 1174.2 | 1176.2 | 1178.9 | 1182.3 |
| 10°   | 1194.4 | 1201.8 | 1201.8 | 1201.2 | 1201.8 | 1196.4 | 1198.5 | 1194.4 | 1195.1 | 1199.1 | 1203.2 |
| 12.5° | 1232.9 | 1237.0 | 1234.3 | 1232.2 | 1232.2 | 1222.1 | 1220.7 | 1215.3 | 1212.6 | 1213.3 | 1214.7 |
| 15°   | 1309.9 | 1306.5 | 1305.8 | 1302.4 | 1290.3 | 1282.9 | 1277.5 | 1260.6 | 1251.8 | 1247.1 | 1239.0 |
| 17.5° | 1412.5 | 1414.5 | 1411.2 | 1407.8 | 1390.2 | 1365.2 | 1354.4 | 1336.2 | 1324.1 | 1311.9 | 1297.0 |
| 20°   | 1562.4 | 1548.9 | 1547.5 | 1536.7 | 1512.4 | 1477.3 | 1451.0 | 1421.3 | 1404.4 | 1386.8 | 1371.3 |
| 22.5° | 1727.8 | 1713.6 | 1704.2 | 1683.3 | 1647.5 | 1602.9 | 1559.0 | 1521.2 | 1495.6 | 1482.7 | 1471.9 |
| 25°   | 1911.5 | 1903.4 | 1887.8 | 1834.5 | 1806.1 | 1754.8 | 1706.9 | 1669.8 | 1640.7 | 1629.9 | 1611.0 |
| 27.5° | 2131.6 | 2137.7 | 2108.6 | 2058.7 | 2022.9 | 1950.6 | 1909.4 | 1845.3 | 1821.0 | 1781.8 | 1757.5 |
| 30°   | 2532.6 | 2493.5 | 2444.2 | 2367.9 | 2295.7 | 2198.4 | 2130.2 | 2063.4 | 2027.6 | 1974.9 | 1910.1 |
| 32.5° | 3188.3 | 3039.0 | 2906.7 | 2744.7 | 2591.4 | 2467.2 | 2368.6 | 2284.2 | 2229.5 | 2142.4 | 2032.3 |
| 35°   | 3716.9 | 3573.1 | 3354.4 | 3118.7 | 2917.5 | 2758.2 | 2633.9 | 2554.3 | 2444.9 | 2305.8 | 2146.4 |
| 37.5° | 4104.5 | 3939.1 | 3734.5 | 3554.2 | 3334.8 | 3157.2 | 2989.1 | 2823.7 | 2669.7 | 2459.1 | 2255.8 |
| 40°   | 4733.8 | 4509.6 | 4172.7 | 3960.0 | 3780.4 | 3540.0 | 3382.7 | 3159.9 | 2925.6 | 2654.2 | 2359.8 |
| 42.5° | 5356.3 | 5059.2 | 4754.0 | 4509.6 | 4254.4 | 3993.8 | 3777.7 | 3478.6 | 3167.3 | 2815.6 | 2453.0 |
| 45°   | 6079.4 | 5715.5 | 5316.5 | 4974.8 | 4712.8 | 4406.3 | 4129.5 | 3762.2 | 3365.2 | 2947.9 | 2534.0 |
| 47.5° | 6649.3 | 6288.7 | 5838.4 | 5494.0 | 5140.9 | 4795.2 | 4436.0 | 3983.0 | 3512.4 | 3055.9 | 2609.6 |
| 50°   | 7195.5 | 6847.8 | 6369.1 | 5946.4 | 5540.6 | 5123.4 | 4689.2 | 4139.6 | 3627.8 | 3140.3 | 2669.7 |
| 52.5° | 7685.7 | 7376.5 | 6859.3 | 6354.2 | 5900.5 | 5419.8 | 4881.6 | 4286.1 | 3738.5 | 3227.4 | 2717.0 |
| 55°   | 8101.0 | 7811.3 | 7347.4 | 6718.8 | 6203.7 | 5671.6 | 5063.3 | 4419.8 | 3855.4 | 3318.6 | 2751.4 |
| 57.5° | 8379.8 | 8212.4 | 7716.8 | 7039.6 | 6452.8 | 5886.3 | 5200.3 | 4554.2 | 3964.7 | 3375.3 | 2766.3 |
| 60°   | 8509.5 | 8487.2 | 8067.9 | 7329.2 | 6674.3 | 6053.8 | 5373.2 | 4696.6 | 4037.0 | 3400.9 | 2745.3 |
| 62.5° | 8482.4 | 8641.8 | 8335.3 | 7527.7 | 6815.4 | 6158.4 | 5483.9 | 4758.1 | 4018.7 | 3338.8 | 2652.8 |
| 63°   | 8457.5 | 8648.5 | 8373.1 | 7547.3 | 6826.9 | 6168.6 | 5494.7 | 4750.7 | 4001.9 | 3311.1 | 2621.1 |
| 65°   | 8274.5 | 8568.9 | 8382.5 | 7512.2 | 6774.2 | 6139.5 | 5446.1 | 4633.8 | 3833.7 | 3136.9 | 2441.5 |
| 67.5° | 7826.2 | 8121.2 | 8017.9 | 7125.3 | 6433.2 | 5827.6 | 5106.5 | 4236.2 | 3421.9 | 2766.9 | 2108.6 |
| 70°   | 6900.5 | 7164.5 | 7040.9 | 6255.7 | 5612.9 | 5183.5 | 4498.1 | 3523.2 | 2787.9 | 2224.1 | 1604.9 |
| 72.5° | 5458.3 | 5643.9 | 5670.9 | 5047.1 | 4554.9 | 4296.9 | 3623.8 | 2657.6 | 2036.4 | 1548.9 | 1041.8 |
| 75°   | 4041.7 | 3998.5 | 4007.3 | 3658.9 | 3458.3 | 3349.6 | 2708.9 | 1823.0 | 1372.0 | 946.6  | 617.8  |
| 77.5° | 3396.9 | 3086.3 | 2821.6 | 2725.1 | 2491.5 | 2423.9 | 1786.6 | 1118.8 | 800.8  | 566.5  | 351.8  |
| 80°   | 2762.2 | 2291.6 | 1906.7 | 1735.9 | 1644.8 | 1658.3 | 988.5  | 596.2  | 419.3  | 308.6  | 220.1  |
| 82.5° | 1888.5 | 1530.7 | 1207.2 | 1048.6 | 1032.4 | 1047.9 | 513.8  | 292.4  | 221.5  | 177.6  | 138.4  |
| 85°   | 1116.8 | 1051.3 | 938.5  | 833.2  | 796.7  | 752.2  | 382.2  | 209.3  | 114.1  | 94.5   | 77.6   |
| 87.5° | 482.8  | 592.8  | 607.0  | 604.3  | 562.4  | 451.7  | 140.4  | 54.0   | 47.9   | 24.3   | 19.6   |
| 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°    | 1116.8 | 1116.8 | 1116.8 | 1116.8 | 1116.8 | 1116.8 | 1116.8 | 1116.8 | 1116.8 | 1116.8 | 1116.8 |
| 2.5°  | 1121.5 | 1122.2 | 1120.8 | 1122.2 | 1126.9 | 1126.9 | 1126.2 | 1127.6 | 1128.2 | 1132.3 | 1130.9 |
| 5°    | 1155.3 | 1155.9 | 1156.6 | 1161.3 | 1164.7 | 1168.8 | 1167.4 | 1168.8 | 1171.5 | 1172.1 | 1173.5 |
| 7.5°  | 1186.3 | 1190.4 | 1195.8 | 1197.8 | 1203.9 | 1205.2 | 1211.3 | 1212.0 | 1213.3 | 1210.6 | 1207.9 |
| 10°   | 1207.9 | 1212.0 | 1218.7 | 1222.1 | 1232.9 | 1234.3 | 1239.0 | 1240.3 | 1243.0 | 1241.0 | 1239.0 |
| 12.5° | 1218.7 | 1222.1 | 1229.5 | 1236.3 | 1251.1 | 1255.9 | 1264.0 | 1268.7 | 1272.1 | 1270.0 | 1263.3 |
| 15°   | 1241.0 | 1240.3 | 1244.4 | 1249.8 | 1263.3 | 1272.1 | 1283.5 | 1289.6 | 1293.7 | 1290.3 | 1281.5 |
| 17.5° | 1292.3 | 1282.9 | 1282.9 | 1279.5 | 1289.6 | 1291.6 | 1296.4 | 1299.7 | 1298.4 | 1288.3 | 1274.1 |
| 20°   | 1363.2 | 1349.0 | 1340.3 | 1332.2 | 1328.8 | 1311.9 | 1303.1 | 1291.0 | 1280.2 | 1261.9 | 1245.7 |
| 22.5° | 1455.0 | 1444.9 | 1424.7 | 1406.4 | 1380.8 | 1346.3 | 1309.2 | 1277.5 | 1253.8 | 1228.9 | 1201.2 |
| 25°   | 1594.1 | 1571.2 | 1542.1 | 1498.9 | 1465.8 | 1405.1 | 1343.0 | 1282.9 | 1232.2 | 1193.1 | 1146.5 |
| 27.5° | 1725.1 | 1676.5 | 1621.8 | 1554.3 | 1493.5 | 1412.5 | 1333.5 | 1264.0 | 1197.8 | 1135.0 | 1081.7 |
| 30°   | 1834.5 | 1750.1 | 1661.0 | 1566.4 | 1480.0 | 1382.1 | 1290.3 | 1211.3 | 1136.3 | 1062.1 | 1011.4 |
| 32.5° | 1916.9 | 1795.3 | 1676.5 | 1555.6 | 1449.0 | 1334.2 | 1228.9 | 1144.5 | 1059.4 | 981.1  | 922.3  |
| 35°   | 1991.1 | 1827.1 | 1671.8 | 1526.6 | 1400.3 | 1273.4 | 1160.0 | 1065.5 | 972.3  | 888.6  | 821.0  |
| 37.5° | 2044.5 | 1837.9 | 1651.5 | 1484.7 | 1338.2 | 1199.1 | 1076.3 | 975.7  | 875.7  | 790.7  | 716.4  |
| 40°   | 2085.7 | 1832.5 | 1613.0 | 1420.6 | 1253.2 | 1108.7 | 988.5  | 883.2  | 783.2  | 698.1  | 620.5  |
| 42.5° | 2113.4 | 1812.2 | 1555.0 | 1347.7 | 1182.3 | 1031.0 | 913.5  | 802.8  | 702.9  | 613.8  | 528.0  |
| 45°   | 2149.1 | 1804.1 | 1519.2 | 1293.0 | 1118.1 | 965.5  | 839.9  | 731.9  | 627.9  | 534.8  | 453.1  |
| 47.5° | 2182.9 | 1799.4 | 1490.2 | 1247.8 | 1060.1 | 906.1  | 781.9  | 668.4  | 563.8  | 472.6  | 398.4  |
| 50°   | 2203.2 | 1792.0 | 1459.8 | 1193.1 | 995.2  | 845.3  | 726.5  | 611.7  | 506.4  | 419.3  | 353.1  |
| 52.5° | 2209.2 | 1777.1 | 1419.9 | 1130.9 | 939.2  | 793.4  | 669.8  | 555.0  | 453.7  | 375.4  | 314.0  |
| 55°   | 2204.5 | 1748.1 | 1365.9 | 1080.3 | 881.8  | 736.0  | 612.4  | 501.0  | 409.2  | 335.6  | 286.3  |
| 57.5° | 2181.5 | 1690.0 | 1296.4 | 1016.2 | 816.3  | 663.7  | 542.2  | 440.2  | 358.5  | 299.8  | 262.0  |
| 60°   | 2130.2 | 1606.3 | 1211.3 | 926.4  | 722.5  | 578.0  | 463.2  | 375.4  | 306.5  | 264.0  | 239.0  |
| 62.5° | 2018.2 | 1485.4 | 1087.7 | 799.4  | 596.9  | 463.9  | 363.9  | 299.1  | 252.5  | 230.2  | 215.4  |
| 63°   | 1985.1 | 1443.6 | 1051.3 | 765.7  | 575.3  | 438.2  | 341.6  | 282.9  | 241.0  | 222.8  | 210.7  |
| 65°   | 1810.9 | 1250.5 | 888.6  | 615.8  | 445.6  | 332.2  | 260.6  | 222.1  | 199.9  | 193.1  | 189.7  |
| 67.5° | 1484.1 | 973.0  | 625.2  | 413.2  | 299.1  | 229.6  | 192.4  | 177.6  | 169.5  | 168.8  | 170.8  |
| 70°   | 1048.6 | 645.5  | 386.9  | 264.7  | 205.9  | 173.5  | 159.3  | 152.6  | 148.5  | 149.9  | 153.9  |
| 72.5° | 681.9  | 378.8  | 244.4  | 193.8  | 167.4  | 152.6  | 142.5  | 140.4  | 139.1  | 137.7  | 139.1  |
| 75°   | 360.6  | 237.0  | 185.0  | 162.0  | 146.5  | 134.4  | 127.6  | 124.9  | 125.6  | 125.6  | 125.6  |
| 77.5° | 223.5  | 180.3  | 158.0  | 143.1  | 131.0  | 118.8  | 112.1  | 110.1  | 110.7  | 112.1  | 112.8  |
| 80°   | 171.5  | 157.3  | 139.1  | 128.3  | 110.7  | 100.6  | 97.2   | 96.6   | 97.9   | 97.9   | 99.9   |
| 82.5° | 125.6  | 121.5  | 114.8  | 101.3  | 87.8   | 81.0   | 80.3   | 83.0   | 80.3   | 79.7   | 81.0   |
| 85°   | 73.6   | 68.9   | 74.9   | 64.1   | 58.7   | 54.7   | 57.4   | 62.8   | 65.5   | 62.1   | 60.8   |
| 87.5° | 23.6   | 16.2   | 23.6   | 26.3   | 23.6   | 20.3   | 25.7   | 30.4   | 31.1   | 29.7   | 33.8   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



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**CANDELA DISTRIBUTION (continued):**

|       | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1116.8 | 1116.8 | 1116.8 | 1116.8 | 1116.8 | 1116.8 | 1116.8 | 1116.8 | 1116.8 | 1116.8 | 1116.8 |
| 2.5°  | 1130.3 | 1135.0 | 1130.3 | 1132.3 | 1131.6 | 1130.3 | 1132.3 | 1129.6 | 1128.2 | 1132.3 | 1131.6 |
| 5°    | 1172.8 | 1173.5 | 1167.4 | 1168.1 | 1167.4 | 1162.0 | 1162.0 | 1159.3 | 1155.9 | 1156.6 | 1155.3 |
| 7.5°  | 1207.2 | 1205.9 | 1201.2 | 1199.1 | 1193.1 | 1189.0 | 1186.3 | 1182.3 | 1179.6 | 1176.9 | 1175.5 |
| 10°   | 1233.6 | 1230.2 | 1226.8 | 1220.7 | 1214.7 | 1211.3 | 1203.9 | 1197.8 | 1195.8 | 1191.7 | 1189.0 |
| 12.5° | 1256.5 | 1250.5 | 1245.1 | 1237.6 | 1230.2 | 1224.8 | 1216.0 | 1211.3 | 1207.9 | 1202.5 | 1198.5 |
| 15°   | 1269.4 | 1257.9 | 1247.8 | 1236.3 | 1228.2 | 1220.1 | 1209.9 | 1207.9 | 1203.2 | 1197.8 | 1190.4 |
| 17.5° | 1253.8 | 1237.6 | 1218.7 | 1206.6 | 1194.4 | 1182.3 | 1172.1 | 1172.1 | 1170.1 | 1164.0 | 1151.2 |
| 20°   | 1222.1 | 1197.8 | 1175.5 | 1155.9 | 1143.8 | 1126.2 | 1120.1 | 1110.7 | 1103.9 | 1093.1 | 1076.9 |
| 22.5° | 1170.1 | 1144.5 | 1115.4 | 1095.8 | 1074.9 | 1055.3 | 1043.2 | 1028.3 | 1022.9 | 1005.4 | 983.8  |
| 25°   | 1112.0 | 1074.9 | 1043.8 | 1018.2 | 989.2  | 966.2  | 949.3  | 929.1  | 915.6  | 898.7  | 871.7  |
| 27.5° | 1043.2 | 1004.7 | 969.6  | 941.2  | 910.8  | 879.1  | 848.0  | 824.4  | 800.1  | 780.5  | 765.0  |
| 30°   | 968.9  | 929.1  | 885.9  | 852.8  | 817.7  | 777.8  | 752.2  | 720.4  | 701.5  | 679.9  | 659.7  |
| 32.5° | 871.7  | 836.6  | 785.9  | 747.4  | 704.2  | 673.2  | 652.2  | 621.9  | 599.6  | 581.3  | 569.9  |
| 35°   | 765.0  | 712.3  | 661.7  | 632.7  | 602.9  | 578.0  | 548.9  | 525.3  | 510.4  | 491.5  | 481.4  |
| 37.5° | 648.9  | 587.4  | 544.2  | 518.5  | 488.2  | 476.0  | 457.8  | 443.6  | 430.1  | 417.3  | 409.2  |
| 40°   | 544.9  | 488.2  | 449.0  | 427.4  | 407.1  | 393.6  | 382.2  | 376.1  | 367.3  | 357.2  | 351.1  |
| 42.5° | 458.5  | 413.2  | 374.7  | 354.5  | 338.9  | 337.6  | 330.2  | 325.4  | 322.1  | 316.0  | 306.5  |
| 45°   | 390.9  | 349.7  | 316.7  | 300.5  | 293.7  | 294.4  | 294.4  | 290.3  | 290.3  | 288.3  | 282.2  |
| 47.5° | 345.7  | 308.6  | 284.3  | 273.5  | 270.8  | 271.4  | 269.4  | 268.1  | 268.7  | 268.1  | 264.7  |
| 50°   | 310.6  | 278.9  | 258.6  | 254.5  | 253.9  | 253.2  | 250.5  | 248.5  | 247.8  | 249.1  | 248.5  |
| 52.5° | 274.8  | 248.5  | 237.0  | 235.6  | 236.3  | 236.3  | 235.6  | 235.0  | 236.3  | 237.7  | 235.6  |
| 55°   | 254.5  | 235.6  | 228.2  | 228.2  | 228.2  | 228.2  | 227.5  | 226.9  | 228.9  | 230.9  | 227.5  |
| 57.5° | 235.6  | 222.1  | 219.4  | 219.4  | 219.4  | 218.1  | 218.1  | 218.8  | 221.5  | 225.5  | 221.5  |
| 60°   | 221.5  | 214.7  | 214.7  | 215.4  | 214.7  | 212.0  | 210.0  | 210.0  | 213.4  | 218.8  | 215.4  |
| 62.5° | 208.0  | 204.6  | 205.9  | 205.3  | 203.9  | 200.5  | 197.8  | 197.8  | 201.9  | 207.3  | 208.6  |
| 63°   | 204.6  | 201.9  | 203.2  | 202.6  | 201.2  | 198.5  | 195.8  | 195.8  | 199.2  | 204.6  | 206.6  |
| 65°   | 189.7  | 190.4  | 191.1  | 191.8  | 191.1  | 190.4  | 187.0  | 185.7  | 188.4  | 192.4  | 195.1  |
| 67.5° | 172.2  | 173.5  | 174.9  | 178.3  | 176.9  | 176.9  | 174.9  | 173.5  | 174.2  | 176.2  | 178.3  |
| 70°   | 156.0  | 157.3  | 159.3  | 160.7  | 161.4  | 162.0  | 160.7  | 158.7  | 159.3  | 160.0  | 161.4  |
| 72.5° | 140.4  | 141.8  | 143.1  | 145.8  | 145.8  | 145.8  | 144.5  | 143.1  | 143.8  | 145.2  | 146.5  |
| 75°   | 126.3  | 126.9  | 128.3  | 130.3  | 131.0  | 129.6  | 129.6  | 128.3  | 129.0  | 131.0  | 132.3  |
| 77.5° | 112.1  | 110.7  | 111.4  | 112.8  | 114.8  | 114.8  | 115.5  | 114.8  | 116.1  | 117.5  | 118.8  |
| 80°   | 95.9   | 94.5   | 93.2   | 93.9   | 96.6   | 99.9   | 103.3  | 103.3  | 105.3  | 106.0  | 108.0  |
| 82.5° | 76.3   | 74.9   | 74.3   | 76.3   | 75.6   | 80.3   | 87.8   | 91.8   | 94.5   | 97.2   | 98.6   |
| 85°   | 59.4   | 56.0   | 57.4   | 57.4   | 56.0   | 63.5   | 70.2   | 75.6   | 76.3   | 80.3   | 81.0   |
| 87.5° | 35.1   | 33.8   | 32.4   | 31.1   | 35.8   | 43.2   | 49.3   | 51.3   | 52.7   | 54.7   | 56.7   |
| 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):**

|       | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1116.8 | 1116.8 | 1116.8 | 1116.8 | 1116.8 | 1116.8 | 1116.8 | 1116.8 | 1116.8 | 1116.8 | 1116.8 |
| 2.5°  | 1126.2 | 1131.6 | 1130.3 | 1129.6 | 1130.3 | 1129.6 | 1127.6 | 1128.2 | 1126.9 | 1127.6 | 1126.2 |
| 5°    | 1147.8 | 1150.5 | 1148.5 | 1145.1 | 1145.1 | 1140.4 | 1137.0 | 1134.3 | 1130.9 | 1129.6 | 1126.9 |
| 7.5°  | 1168.8 | 1166.7 | 1164.0 | 1158.0 | 1154.6 | 1148.5 | 1143.8 | 1138.4 | 1135.0 | 1130.9 | 1126.2 |
| 10°   | 1181.6 | 1177.5 | 1172.1 | 1164.7 | 1155.3 | 1149.9 | 1143.1 | 1135.0 | 1130.9 | 1128.9 | 1124.2 |
| 12.5° | 1187.7 | 1176.9 | 1168.1 | 1154.6 | 1141.1 | 1130.9 | 1123.5 | 1115.4 | 1113.4 | 1110.7 | 1107.3 |
| 15°   | 1173.5 | 1158.0 | 1135.7 | 1117.4 | 1099.9 | 1085.7 | 1079.6 | 1070.9 | 1068.8 | 1068.2 | 1067.5 |
| 17.5° | 1125.5 | 1101.9 | 1080.3 | 1056.0 | 1040.5 | 1027.6 | 1022.2 | 1020.2 | 1016.8 | 1015.5 | 1016.2 |
| 20°   | 1048.6 | 1028.3 | 1006.7 | 998.6  | 980.4  | 977.0  | 968.9  | 963.5  | 957.4  | 955.4  | 952.0  |
| 22.5° | 958.8  | 933.8  | 920.3  | 914.2  | 906.8  | 889.2  | 885.2  | 879.8  | 871.7  | 865.6  | 864.2  |
| 25°   | 854.1  | 833.9  | 833.2  | 819.0  | 812.9  | 803.5  | 792.7  | 785.9  | 781.2  | 773.8  | 768.4  |
| 27.5° | 747.4  | 740.0  | 727.2  | 716.4  | 712.3  | 706.9  | 690.7  | 687.3  | 681.9  | 675.9  | 669.8  |
| 30°   | 648.2  | 642.8  | 630.6  | 620.5  | 614.4  | 603.6  | 588.1  | 589.4  | 578.6  | 570.5  | 565.1  |
| 32.5° | 551.6  | 547.6  | 536.1  | 533.4  | 513.8  | 508.4  | 492.2  | 480.1  | 469.3  | 461.2  | 454.4  |
| 35°   | 464.5  | 453.7  | 454.4  | 442.3  | 431.4  | 415.2  | 398.4  | 382.8  | 374.1  | 370.0  | 363.9  |
| 37.5° | 401.7  | 391.6  | 381.5  | 368.0  | 355.8  | 344.3  | 334.2  | 329.5  | 324.1  | 325.4  | 326.1  |
| 40°   | 345.0  | 337.6  | 330.2  | 320.7  | 313.3  | 308.6  | 305.9  | 305.9  | 306.5  | 309.9  | 312.6  |
| 42.5° | 304.5  | 298.4  | 294.4  | 291.0  | 292.4  | 292.4  | 294.4  | 297.8  | 301.1  | 305.9  | 308.6  |
| 45°   | 277.5  | 274.1  | 272.8  | 274.1  | 278.2  | 281.6  | 286.3  | 291.7  | 297.1  | 301.8  | 303.8  |
| 47.5° | 261.3  | 259.3  | 259.3  | 262.6  | 268.7  | 274.1  | 281.6  | 287.0  | 293.0  | 297.1  | 298.4  |
| 50°   | 243.7  | 243.1  | 243.1  | 245.8  | 251.2  | 257.9  | 265.4  | 270.8  | 276.2  | 279.5  | 280.9  |
| 52.5° | 233.6  | 231.6  | 230.9  | 234.3  | 239.0  | 245.8  | 253.2  | 258.6  | 262.6  | 265.4  | 266.0  |
| 55°   | 224.8  | 222.8  | 221.5  | 225.5  | 230.9  | 237.0  | 245.8  | 251.8  | 255.9  | 259.3  | 262.0  |
| 57.5° | 217.4  | 215.4  | 214.0  | 218.8  | 224.2  | 231.6  | 239.0  | 245.8  | 251.2  | 255.2  | 257.9  |
| 60°   | 211.3  | 208.6  | 207.3  | 212.7  | 218.1  | 225.5  | 232.9  | 240.4  | 247.8  | 252.5  | 253.9  |
| 62.5° | 203.9  | 201.9  | 199.9  | 203.2  | 205.9  | 211.3  | 218.1  | 225.5  | 232.3  | 237.0  | 237.0  |
| 63°   | 201.9  | 201.2  | 198.5  | 201.2  | 203.9  | 208.6  | 215.4  | 222.1  | 228.9  | 234.3  | 233.6  |
| 65°   | 193.1  | 193.1  | 191.8  | 194.5  | 197.2  | 201.9  | 207.3  | 214.7  | 220.8  | 224.8  | 225.5  |
| 67.5° | 178.9  | 179.6  | 181.0  | 183.7  | 189.1  | 193.8  | 199.9  | 206.6  | 212.0  | 214.7  | 216.1  |
| 70°   | 162.7  | 164.1  | 166.8  | 170.8  | 175.6  | 179.6  | 183.7  | 190.4  | 195.1  | 197.8  | 199.2  |
| 72.5° | 147.2  | 150.6  | 152.6  | 156.0  | 158.7  | 162.7  | 166.1  | 172.8  | 176.9  | 178.9  | 182.3  |
| 75°   | 133.0  | 135.7  | 137.1  | 139.1  | 141.8  | 143.1  | 147.2  | 149.9  | 155.3  | 158.0  | 162.0  |
| 77.5° | 119.5  | 120.9  | 122.9  | 126.3  | 126.9  | 129.0  | 130.3  | 134.4  | 137.1  | 139.8  | 143.1  |
| 80°   | 107.4  | 108.7  | 111.4  | 113.4  | 114.1  | 115.5  | 116.1  | 115.5  | 114.8  | 112.8  | 115.5  |
| 82.5° | 96.6   | 97.9   | 101.3  | 103.3  | 105.3  | 105.3  | 104.7  | 97.2   | 93.9   | 95.2   | 97.2   |
| 85°   | 79.7   | 81.0   | 84.4   | 88.5   | 89.1   | 88.5   | 89.1   | 81.7   | 77.0   | 74.9   | 77.0   |
| 87.5° | 50.0   | 48.6   | 60.1   | 65.5   | 61.4   | 62.8   | 63.5   | 59.4   | 55.4   | 47.3   | 49.3   |
| 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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REPORT N  
 CATALOG

**CANDELA DISTRIBUTION (continued):**

**CANDELA**

|       | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |       |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 0°    | 1116.8 | 1116.8 | 1116.8 | 1116.8 | 1116.8 | 1116.8 | 1116.8 | 1116.8 | 1116.8 | 1116.8 | 1116.8 | 0°    |
| 2.5°  | 1127.6 | 1122.8 | 1123.5 | 1124.9 | 1124.9 | 1126.9 | 1124.2 | 1120.8 | 1122.8 | 1119.5 | 1118.8 | 2.5°  |
| 5°    | 1126.9 | 1120.8 | 1120.8 | 1122.2 | 1120.8 | 1122.2 | 1120.1 | 1116.8 | 1118.8 | 1114.7 | 1114.1 | 5°    |
| 7.5°  | 1124.2 | 1120.8 | 1122.2 | 1123.5 | 1121.5 | 1122.2 | 1121.5 | 1116.8 | 1117.4 | 1115.4 | 1110.7 | 7.5°  |
| 10°   | 1122.8 | 1120.8 | 1123.5 | 1127.6 | 1127.6 | 1128.2 | 1126.2 | 1120.8 | 1117.4 | 1115.4 | 1111.4 | 10°   |
| 12.5° | 1108.7 | 1111.4 | 1116.8 | 1126.2 | 1129.6 | 1135.0 | 1137.7 | 1135.0 | 1136.3 | 1133.6 | 1132.3 | 12.5° |
| 15°   | 1068.2 | 1074.9 | 1083.7 | 1097.9 | 1108.0 | 1120.1 | 1135.0 | 1141.8 | 1154.6 | 1164.7 | 1171.5 | 15°   |
| 17.5° | 1019.5 | 1024.3 | 1033.7 | 1049.9 | 1062.8 | 1087.1 | 1107.3 | 1130.3 | 1155.3 | 1182.3 | 1205.9 | 17.5° |
| 20°   | 959.4  | 956.1  | 970.9  | 988.5  | 1010.8 | 1037.8 | 1067.5 | 1101.9 | 1143.1 | 1186.3 | 1227.5 | 20°   |
| 22.5° | 871.0  | 871.0  | 886.5  | 907.5  | 934.5  | 965.5  | 1006.7 | 1043.8 | 1097.9 | 1160.7 | 1221.4 | 22.5° |
| 25°   | 769.7  | 771.7  | 782.5  | 806.2  | 825.1  | 869.6  | 908.1  | 956.1  | 1020.9 | 1089.8 | 1170.8 | 25°   |
| 27.5° | 661.7  | 675.2  | 672.5  | 697.5  | 722.5  | 766.3  | 819.0  | 867.6  | 939.9  | 1013.5 | 1106.0 | 27.5° |
| 30°   | 563.8  | 561.8  | 561.1  | 590.8  | 615.8  | 655.6  | 698.8  | 760.3  | 833.2  | 927.7  | 1034.4 | 30°   |
| 32.5° | 442.3  | 449.7  | 455.1  | 472.6  | 499.6  | 536.8  | 583.4  | 647.5  | 735.3  | 830.5  | 950.7  | 32.5° |
| 35°   | 365.3  | 367.3  | 374.7  | 384.9  | 408.5  | 439.6  | 488.2  | 544.9  | 621.9  | 720.4  | 848.0  | 35°   |
| 37.5° | 327.5  | 329.5  | 337.6  | 347.0  | 363.9  | 386.9  | 420.0  | 463.9  | 534.8  | 626.6  | 745.4  | 37.5° |
| 40°   | 315.3  | 317.3  | 322.1  | 330.8  | 346.4  | 366.0  | 392.3  | 426.0  | 477.4  | 548.9  | 652.9  | 40°   |
| 42.5° | 309.9  | 309.9  | 310.6  | 317.3  | 332.9  | 355.8  | 384.2  | 414.6  | 452.4  | 506.4  | 590.8  | 42.5° |
| 45°   | 303.8  | 303.8  | 303.2  | 307.9  | 320.0  | 346.4  | 380.8  | 417.9  | 459.1  | 505.7  | 571.9  | 45°   |
| 47.5° | 298.4  | 297.1  | 295.7  | 297.8  | 307.9  | 334.9  | 374.7  | 420.0  | 472.6  | 530.7  | 597.5  | 47.5° |
| 50°   | 279.5  | 279.5  | 278.9  | 279.5  | 289.0  | 317.3  | 363.3  | 417.9  | 484.8  | 559.7  | 640.8  | 50°   |
| 52.5° | 266.0  | 266.7  | 267.4  | 267.4  | 274.8  | 303.8  | 354.5  | 418.6  | 498.3  | 588.1  | 690.7  | 52.5° |
| 55°   | 262.6  | 264.0  | 264.0  | 262.6  | 268.7  | 295.1  | 346.4  | 416.6  | 507.7  | 619.8  | 744.1  | 55°   |
| 57.5° | 258.6  | 259.3  | 259.9  | 258.6  | 262.6  | 285.6  | 334.9  | 407.1  | 505.0  | 632.0  | 783.9  | 57.5° |
| 60°   | 253.2  | 250.5  | 249.8  | 247.8  | 250.5  | 268.7  | 314.6  | 386.9  | 488.8  | 626.6  | 797.4  | 60°   |
| 62.5° | 238.3  | 236.3  | 234.3  | 232.3  | 234.3  | 247.8  | 292.4  | 361.9  | 461.8  | 605.0  | 786.6  | 62.5° |
| 63°   | 235.0  | 233.6  | 231.6  | 229.6  | 229.6  | 244.4  | 284.9  | 355.8  | 455.1  | 598.9  | 782.5  | 63°   |
| 65°   | 225.5  | 224.8  | 223.5  | 221.5  | 220.8  | 232.3  | 268.1  | 328.1  | 423.3  | 571.9  | 756.9  | 65°   |
| 67.5° | 214.7  | 214.7  | 214.0  | 211.3  | 208.0  | 214.7  | 239.7  | 287.0  | 368.0  | 502.3  | 693.4  | 67.5° |
| 70°   | 199.2  | 199.2  | 198.5  | 197.2  | 193.1  | 197.8  | 214.0  | 245.1  | 303.2  | 410.5  | 581.3  | 70°   |
| 72.5° | 183.7  | 183.7  | 185.7  | 185.0  | 185.7  | 186.4  | 194.5  | 211.3  | 246.4  | 319.4  | 439.6  | 72.5° |
| 75°   | 163.4  | 166.8  | 167.4  | 168.8  | 169.5  | 168.8  | 172.8  | 183.0  | 203.2  | 245.1  | 320.7  | 75°   |
| 77.5° | 146.5  | 151.2  | 150.6  | 149.2  | 148.5  | 149.2  | 148.5  | 153.3  | 168.1  | 194.5  | 237.7  | 77.5° |
| 80°   | 120.9  | 125.6  | 125.6  | 124.9  | 123.6  | 124.9  | 123.6  | 128.3  | 140.4  | 163.4  | 189.1  | 80°   |
| 82.5° | 99.3   | 102.6  | 104.7  | 106.0  | 104.7  | 110.1  | 110.1  | 108.7  | 118.2  | 138.4  | 159.3  | 82.5° |
| 85°   | 79.7   | 83.0   | 85.1   | 87.8   | 89.1   | 87.8   | 87.1   | 85.7   | 91.2   | 107.4  | 121.5  | 85°   |
| 87.5° | 50.6   | 53.3   | 53.3   | 54.0   | 54.0   | 56.0   | 52.0   | 47.3   | 43.2   | 61.4   | 64.1   | 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: P145848

NUMBER: LDRV-SLL-E04-E-8030

**DISTRIBUTION (continued):**

| 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|
| 1116.8 | 1116.8 | 1116.8 | 1116.8 | 1116.8 | 1116.8 | 1116.8 |
| 1116.8 | 1116.8 | 1117.4 | 1115.4 | 1117.4 | 1117.4 | 1115.4 |
| 1112.0 | 1110.7 | 1110.7 | 1110.0 | 1111.4 | 1110.7 | 1110.0 |
| 1108.0 | 1108.0 | 1105.3 | 1103.3 | 1102.6 | 1105.3 | 1103.9 |
| 1106.6 | 1105.3 | 1104.6 | 1103.3 | 1103.9 | 1106.0 | 1107.3 |
| 1130.9 | 1126.2 | 1127.6 | 1126.9 | 1127.6 | 1129.6 | 1133.6 |
| 1175.5 | 1175.5 | 1178.9 | 1171.5 | 1174.8 | 1178.2 | 1183.6 |
| 1225.5 | 1237.6 | 1243.7 | 1243.0 | 1244.4 | 1247.1 | 1253.2 |
| 1268.0 | 1306.5 | 1333.5 | 1340.3 | 1358.5 | 1362.5 | 1353.1 |
| 1286.9 | 1355.8 | 1416.6 | 1457.1 | 1502.3 | 1520.5 | 1525.9 |
| 1248.4 | 1347.7 | 1447.6 | 1540.8 | 1629.9 | 1681.2 | 1726.5 |
| 1208.6 | 1326.1 | 1459.1 | 1598.2 | 1743.3 | 1874.3 | 1972.2 |
| 1153.2 | 1308.5 | 1488.1 | 1675.8 | 1868.3 | 2050.6 | 2214.0 |
| 1092.5 | 1280.2 | 1490.8 | 1719.0 | 1956.7 | 2183.6 | 2381.4 |
| 1005.4 | 1214.0 | 1447.6 | 1712.3 | 1987.8 | 2272.0 | 2519.1 |
| 905.4  | 1108.7 | 1370.6 | 1673.1 | 1985.7 | 2317.3 | 2613.7 |
| 798.8  | 1006.7 | 1282.2 | 1606.3 | 1959.4 | 2331.4 | 2679.8 |
| 718.4  | 924.3  | 1194.4 | 1542.8 | 1920.2 | 2322.0 | 2711.6 |
| 677.2  | 853.4  | 1122.8 | 1480.7 | 1876.4 | 2299.0 | 2725.1 |
| 685.3  | 834.5  | 1080.3 | 1429.4 | 1837.2 | 2274.0 | 2721.7 |
| 730.6  | 862.9  | 1079.6 | 1410.5 | 1812.2 | 2251.1 | 2712.2 |
| 798.8  | 927.0  | 1118.8 | 1432.8 | 1825.7 | 2249.1 | 2711.6 |
| 875.7  | 1016.8 | 1213.3 | 1492.9 | 1883.1 | 2285.5 | 2727.8 |
| 950.0  | 1126.2 | 1334.9 | 1627.2 | 1991.8 | 2376.7 | 2793.3 |
| 993.9  | 1226.2 | 1490.8 | 1816.9 | 2159.3 | 2536.7 | 2937.1 |
| 1004.0 | 1286.2 | 1629.2 | 2003.3 | 2388.8 | 2768.3 | 3161.3 |
| 1003.3 | 1292.3 | 1652.9 | 2041.8 | 2435.4 | 2821.6 | 3218.6 |
| 987.8  | 1304.5 | 1716.3 | 2168.7 | 2622.4 | 3050.5 | 3458.3 |
| 939.2  | 1282.9 | 1751.4 | 2286.9 | 2808.1 | 3303.0 | 3818.9 |
| 827.8  | 1184.3 | 1710.3 | 2325.4 | 2918.9 | 3470.5 | 4059.3 |
| 648.2  | 977.0  | 1476.6 | 2125.5 | 2769.0 | 3320.6 | 4065.3 |
| 455.8  | 690.7  | 1136.3 | 1745.4 | 2263.2 | 2806.1 | 3631.2 |
| 317.3  | 447.7  | 738.0  | 1174.2 | 1633.3 | 2047.2 | 2699.4 |
| 232.3  | 297.8  | 442.3  | 702.2  | 991.2  | 1279.5 | 1675.2 |
| 178.9  | 214.7  | 282.9  | 424.0  | 559.7  | 716.4  | 1010.1 |
| 125.6  | 141.8  | 174.9  | 262.0  | 375.4  | 512.5  | 740.0  |
| 54.7   | 64.1   | 84.4   | 154.6  | 253.9  | 244.4  | 232.9  |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)