

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: STREETWORKS

Report Number: P163733

Luminaire Tested: **OVH-F03-LED-E-U-SL3-HSS-7050**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P163733  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33727)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: OVH-F03-LED-E-U-SL3-HSS-7050  
Description: OVH LED ROADWAY SMALL CUTOFF COBRAHEAD LUMINAIRE  
(3) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL  
Light Source: (21) 5000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4273.8 lumens  
Efficiency: N/A  
Efficacy: 54.6 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 1' x H: 0.1')  
IES Classification: Type III - Short - Non-Cutoff  
BUG Rating: B0 - U0 - G2

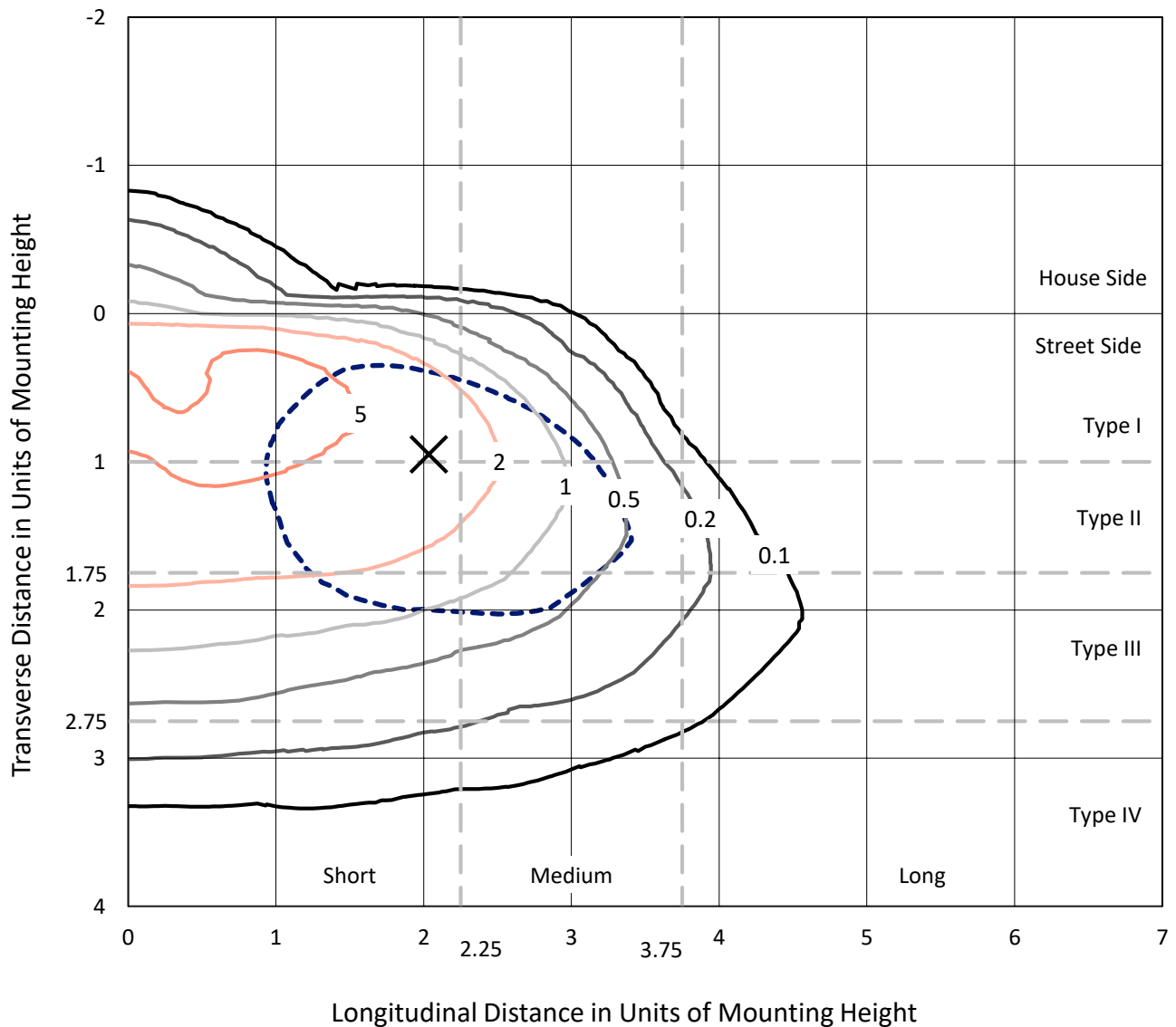
Input Watts (W): 78.3  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

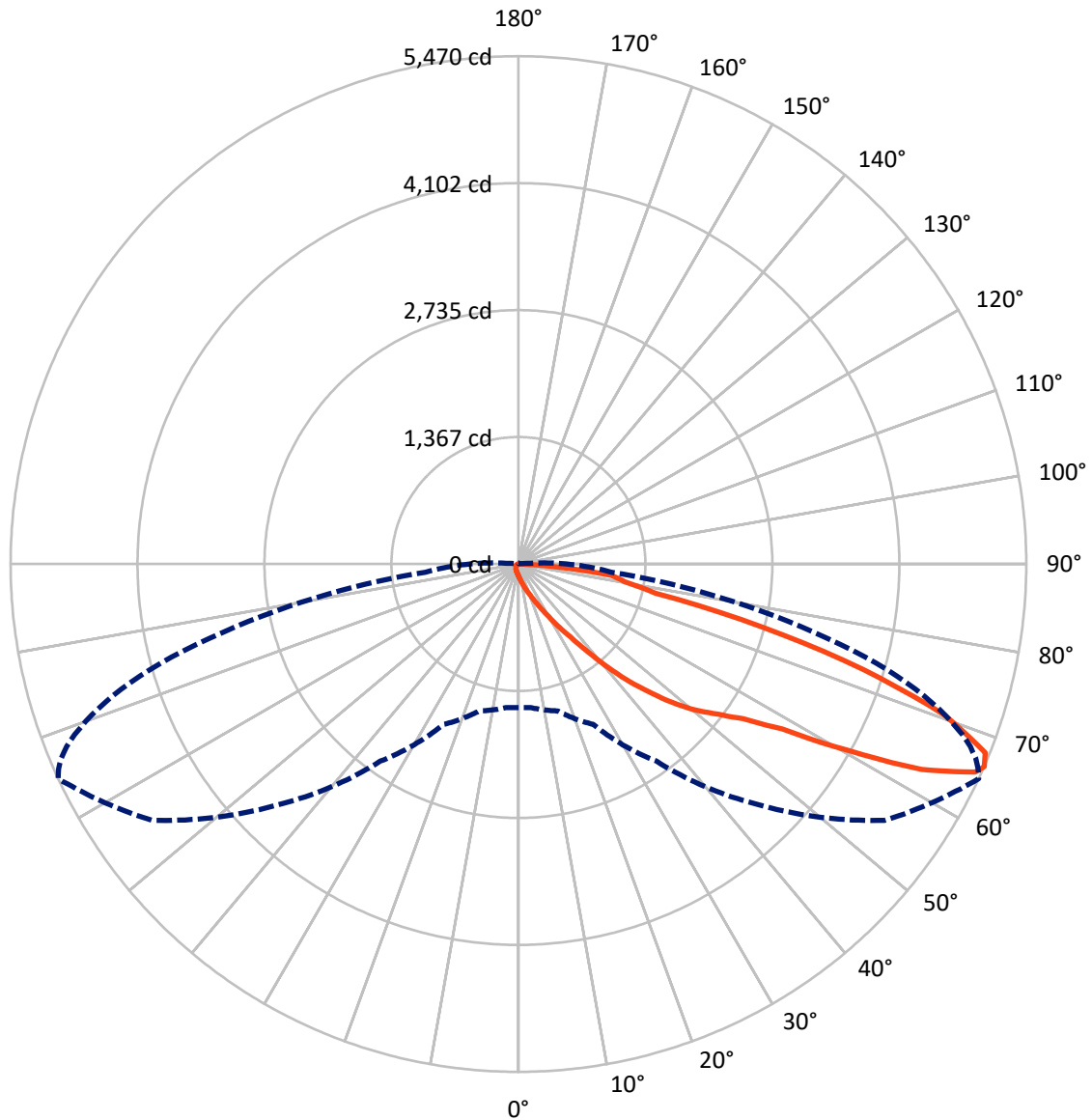
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 7.1 fc  
 Type III - Short - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 65-Deg Lateral    - - - Horizontal Cone Through 66-Deg Vertical



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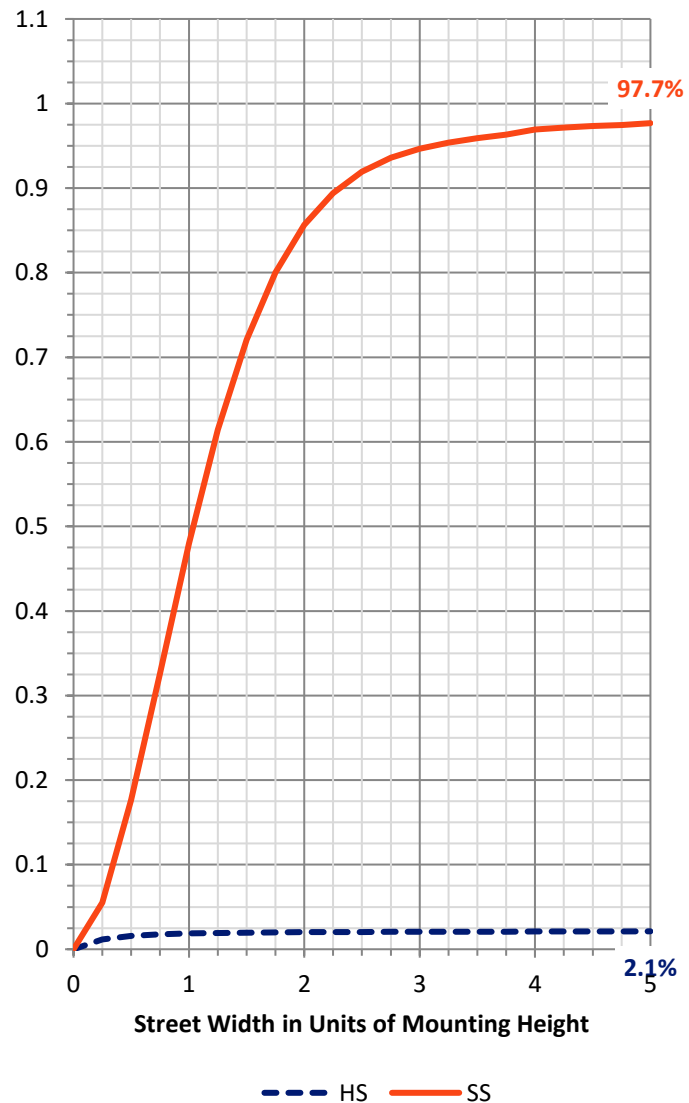
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 92.6     | 0.0    | 92.6   |
|                    | % Fixture | 2.2      | 0.0    | 2.2    |
| <b>Street Side</b> | Lumens    | 4181.2   | 0.0    | 4181.2 |
|                    | % Fixture | 97.8     | 0.0    | 97.8   |
| <b>Total</b>       | Lumens    | 4273.8   | 0.0    | 4273.8 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 14.4   | 0.3       |
| 10°-20°   | 61.2   | 1.4       |
| 20°-30°   | 132.1  | 3.1       |
| 30°-40°   | 282.0  | 6.6       |
| 40°-50°   | 623.7  | 14.6      |
| 50°-60°   | 1057.0 | 24.7      |
| 60°-70°   | 1410.5 | 33.0      |
| 70°-80°   | 621.3  | 14.5      |
| 80°-90°   | 71.6   | 1.7       |
| 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°    | 4273.8 | 100.0     |
| 0°-180°   | 4273.8 | 100.0     |



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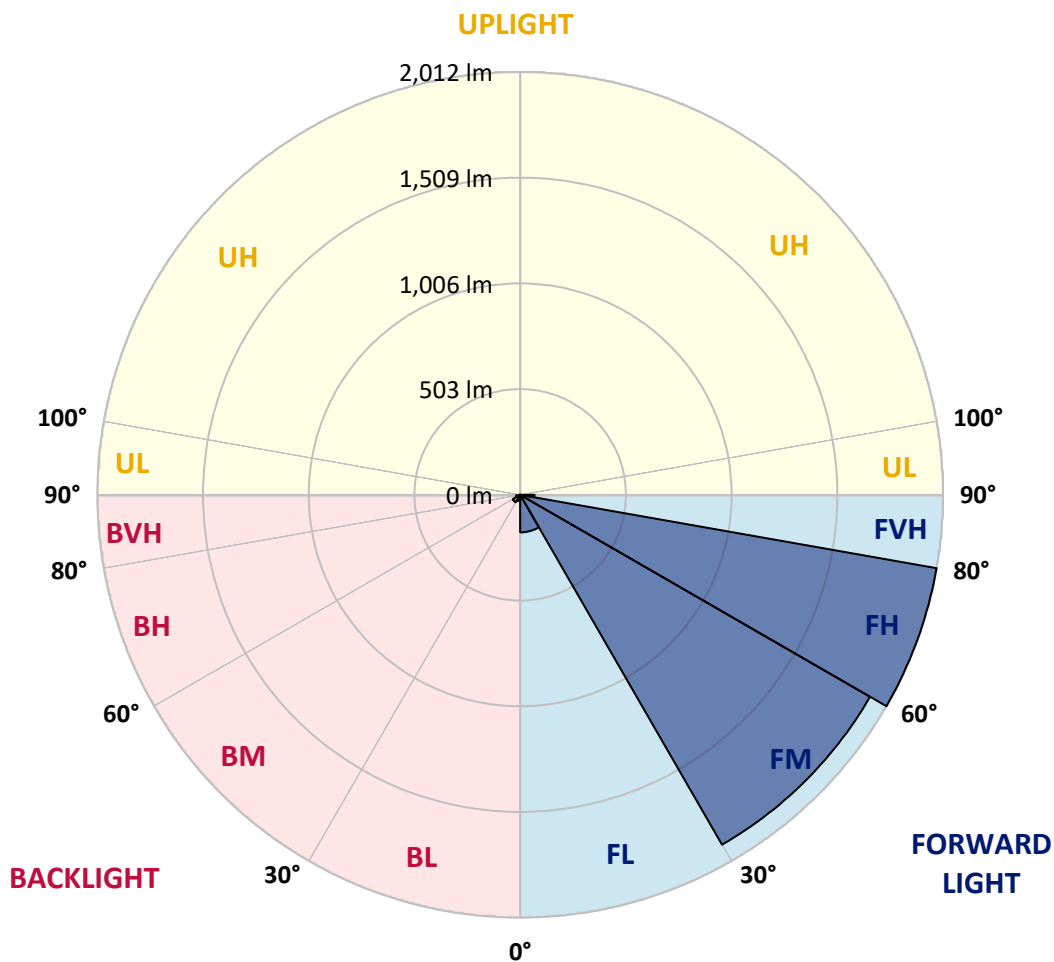
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 178.5  | 4.2       |                         |      |         |
| FM   | (30°-60°)   | 1922.1 | 45.0      |                         |      |         |
| FH   | (60°-80°)   | 2011.9 | 47.1      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 68.7   | 1.6       |                         |      | G1/100  |
| BL   | (0°-30°)    | 29.2   | 0.7       | B0/110                  |      |         |
| BM   | (30°-60°)   | 40.7   | 1.0       | B0/220                  |      |         |
| BH   | (60°-80°)   | 19.9   | 0.5       | B0/110                  |      | G0/110  |
| BVH  | (80°-90°)   | 2.8    | 0.1       |                         |      | G0/10   |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B0-U0-G2**

Type III Short





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 66°    | 67°    | 68°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 129.0  | 129.0  | 129.0  | 129.0  | 129.0  | 129.0  | 129.0  | 129.0  | 129.0  | 129.0  | 129.0  |
| 2.5°  | 162.7  | 161.9  | 158.6  | 158.6  | 153.6  | 150.3  | 146.3  | 142.2  | 142.2  | 141.3  | 140.5  |
| 5°    | 215.3  | 210.4  | 209.5  | 200.5  | 193.1  | 182.4  | 172.5  | 159.4  | 157.8  | 156.1  | 155.3  |
| 7.5°  | 273.6  | 272.8  | 265.4  | 254.7  | 239.9  | 220.2  | 200.5  | 179.1  | 175.9  | 174.2  | 170.9  |
| 10°   | 349.2  | 345.1  | 335.2  | 317.1  | 295.0  | 268.7  | 236.6  | 202.9  | 198.8  | 195.6  | 193.9  |
| 12.5° | 421.5  | 414.1  | 408.4  | 385.4  | 357.4  | 318.8  | 280.2  | 231.7  | 228.4  | 224.3  | 217.7  |
| 15°   | 488.9  | 482.3  | 472.5  | 452.7  | 421.5  | 373.1  | 327.8  | 268.7  | 260.5  | 254.7  | 249.8  |
| 17.5° | 541.5  | 537.4  | 525.9  | 503.7  | 470.0  | 427.3  | 373.1  | 306.5  | 299.9  | 292.5  | 283.4  |
| 20°   | 591.6  | 585.9  | 567.8  | 537.4  | 501.2  | 468.3  | 426.4  | 355.8  | 346.7  | 337.7  | 327.8  |
| 22.5° | 639.3  | 633.5  | 603.9  | 553.8  | 515.2  | 501.2  | 486.4  | 411.6  | 397.7  | 390.3  | 380.4  |
| 25°   | 705.8  | 693.5  | 647.5  | 567.8  | 516.0  | 526.7  | 552.2  | 484.0  | 470.8  | 460.1  | 444.5  |
| 27.5° | 795.4  | 778.9  | 706.6  | 588.3  | 519.3  | 554.6  | 627.7  | 571.9  | 557.9  | 545.6  | 528.3  |
| 30°   | 896.4  | 885.7  | 799.5  | 637.6  | 543.1  | 595.7  | 712.4  | 683.6  | 667.2  | 652.4  | 631.9  |
| 32.5° | 998.3  | 983.5  | 898.1  | 731.3  | 607.2  | 675.4  | 818.4  | 813.4  | 792.1  | 778.1  | 755.9  |
| 35°   | 1087.8 | 1080.5 | 1017.2 | 884.9  | 753.5  | 815.1  | 959.7  | 965.5  | 946.6  | 931.8  | 907.1  |
| 37.5° | 1148.7 | 1148.7 | 1136.3 | 1050.1 | 986.0  | 1032.0 | 1167.6 | 1168.4 | 1149.5 | 1115.8 | 1103.5 |
| 40°   | 1179.9 | 1188.9 | 1233.3 | 1249.7 | 1246.5 | 1305.6 | 1440.4 | 1425.6 | 1410.0 | 1392.7 | 1351.6 |
| 42.5° | 1244.0 | 1252.2 | 1346.7 | 1460.1 | 1534.0 | 1612.1 | 1704.9 | 1700.0 | 1681.1 | 1649.9 | 1612.1 |
| 45°   | 1352.4 | 1363.1 | 1475.7 | 1655.6 | 1807.6 | 1918.6 | 1977.7 | 1954.7 | 1935.8 | 1906.2 | 1886.5 |
| 47.5° | 1490.5 | 1511.0 | 1638.4 | 1861.0 | 2044.3 | 2227.5 | 2289.1 | 2228.4 | 2211.9 | 2188.9 | 2156.8 |
| 50°   | 1637.6 | 1657.3 | 1792.8 | 2047.6 | 2254.6 | 2473.2 | 2575.9 | 2473.2 | 2449.3 | 2442.0 | 2405.8 |
| 52.5° | 1764.9 | 1781.3 | 1912.0 | 2191.4 | 2415.7 | 2672.0 | 2821.6 | 2686.0 | 2668.7 | 2644.1 | 2617.8 |
| 55°   | 1840.5 | 1853.7 | 1976.1 | 2260.4 | 2525.0 | 2851.2 | 3059.0 | 2939.9 | 2914.4 | 2904.6 | 2866.8 |
| 57.5° | 1866.0 | 1879.1 | 1989.2 | 2269.4 | 2584.1 | 3014.7 | 3347.4 | 3351.5 | 3321.1 | 3285.8 | 3274.3 |
| 60°   | 1866.0 | 1880.8 | 1973.6 | 2247.2 | 2641.6 | 3188.8 | 3731.9 | 4074.6 | 4008.8 | 4002.3 | 3960.4 |
| 62.5° | 1788.7 | 1802.7 | 1896.4 | 2179.1 | 2718.9 | 3423.8 | 4267.7 | 4872.4 | 4853.5 | 4810.8 | 4741.8 |
| 65°   | 1621.2 | 1629.3 | 1721.4 | 2004.8 | 2689.3 | 3640.0 | 4731.9 | 5403.2 | 5372.8 | 5289.0 | 5200.3 |
| 66°   | 1545.5 | 1552.1 | 1638.4 | 1905.4 | 2592.3 | 3669.5 | 4814.1 | 5469.7 | 5419.6 | 5349.0 | 5248.8 |
| 67.5° | 1436.3 | 1447.7 | 1508.6 | 1720.6 | 2359.8 | 3566.8 | 4762.3 | 5422.9 | 5379.4 | 5293.9 | 5193.7 |
| 70°   | 958.9  | 950.7  | 1165.1 | 1320.4 | 1797.8 | 2906.2 | 4272.6 | 4869.1 | 4870.0 | 4829.7 | 4789.5 |
| 72.5° | 455.2  | 460.1  | 522.6  | 812.6  | 1176.6 | 1941.5 | 3400.8 | 3886.5 | 3942.3 | 3870.0 | 3819.9 |
| 75°   | 327.0  | 334.4  | 372.2  | 497.1  | 701.7  | 1165.1 | 2204.5 | 2718.0 | 2719.7 | 2591.5 | 2477.3 |
| 77.5° | 95.3   | 99.4   | 139.7  | 306.5  | 525.9  | 786.3  | 1266.2 | 1511.0 | 1475.7 | 1383.6 | 1297.4 |
| 80°   | 39.4   | 39.4   | 41.1   | 97.8   | 211.2  | 534.1  | 885.7  | 1163.5 | 1159.4 | 1124.0 | 1073.1 |
| 82.5° | 14.8   | 15.6   | 19.7   | 40.3   | 50.1   | 131.5  | 590.8  | 1009.8 | 1007.3 | 957.2  | 921.1  |
| 85°   | 1.6    | 1.6    | 4.9    | 17.2   | 18.9   | 24.6   | 118.3  | 445.3  | 442.9  | 445.3  | 390.3  |
| 87.5° | 0.0    | 0.0    | 0.8    | 1.6    | 2.4    | 3.3    | 4.9    | 17.2   | 18.9   | 18.1   | 16.4   |
| 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):**

|       | 69°    | 70°    | 71°    | 72°    | 73°    | 74°    | 75°    | 76°    | 77°    | 78°    | 79°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 129.0  | 129.0  | 129.0  | 129.0  | 129.0  | 129.0  | 129.0  | 129.0  | 129.0  | 129.0  | 129.0  |
| 2.5°  | 140.5  | 138.9  | 138.9  | 138.0  | 138.0  | 138.0  | 137.2  | 136.4  | 136.4  | 135.5  | 134.7  |
| 5°    | 153.6  | 152.0  | 151.2  | 149.5  | 148.7  | 147.9  | 146.3  | 145.4  | 143.8  | 143.0  | 142.2  |
| 7.5°  | 169.2  | 166.0  | 165.1  | 162.7  | 160.2  | 158.6  | 156.9  | 154.5  | 152.8  | 149.5  | 148.7  |
| 10°   | 189.0  | 184.8  | 181.6  | 178.3  | 175.9  | 171.7  | 169.2  | 166.0  | 162.7  | 160.2  | 157.8  |
| 12.5° | 214.4  | 208.7  | 203.8  | 200.5  | 194.7  | 189.8  | 184.8  | 182.4  | 175.9  | 172.5  | 168.4  |
| 15°   | 242.4  | 235.8  | 230.1  | 223.5  | 219.4  | 211.2  | 204.6  | 197.2  | 193.9  | 188.2  | 181.6  |
| 17.5° | 278.5  | 267.8  | 258.8  | 252.2  | 244.0  | 235.8  | 228.4  | 221.0  | 211.2  | 204.6  | 196.4  |
| 20°   | 317.1  | 308.1  | 295.8  | 284.3  | 274.5  | 264.6  | 253.9  | 244.0  | 235.0  | 224.3  | 214.4  |
| 22.5° | 366.4  | 353.3  | 338.5  | 327.0  | 313.9  | 303.2  | 288.4  | 275.3  | 260.5  | 246.5  | 235.0  |
| 25°   | 428.9  | 411.6  | 397.7  | 381.2  | 365.6  | 349.2  | 331.1  | 314.7  | 295.8  | 282.6  | 262.9  |
| 27.5° | 506.2  | 489.7  | 470.8  | 449.4  | 433.8  | 409.2  | 385.4  | 364.8  | 342.6  | 322.1  | 299.9  |
| 30°   | 604.8  | 580.9  | 561.2  | 540.7  | 509.4  | 485.6  | 457.7  | 429.7  | 399.3  | 378.8  | 345.1  |
| 32.5° | 723.1  | 697.6  | 668.0  | 638.4  | 609.7  | 576.0  | 541.5  | 507.0  | 473.3  | 435.5  | 401.0  |
| 35°   | 867.7  | 837.3  | 803.6  | 771.5  | 727.1  | 691.0  | 647.5  | 599.8  | 562.0  | 518.5  | 474.9  |
| 37.5° | 1059.1 | 1009.0 | 979.4  | 945.7  | 885.7  | 836.4  | 788.0  | 740.3  | 673.8  | 627.7  | 566.1  |
| 40°   | 1299.0 | 1269.4 | 1221.0 | 1166.7 | 1112.5 | 1047.6 | 981.9  | 918.6  | 841.3  | 777.3  | 705.8  |
| 42.5° | 1580.8 | 1537.3 | 1488.0 | 1410.0 | 1354.9 | 1278.5 | 1203.7 | 1119.9 | 1025.4 | 943.3  | 859.4  |
| 45°   | 1845.4 | 1793.6 | 1755.9 | 1677.8 | 1620.3 | 1529.9 | 1439.6 | 1350.8 | 1241.5 | 1135.5 | 1038.5 |
| 47.5° | 2131.4 | 2088.6 | 2026.2 | 1962.9 | 1904.6 | 1802.7 | 1704.9 | 1597.3 | 1482.2 | 1356.6 | 1230.8 |
| 50°   | 2382.8 | 2349.1 | 2306.4 | 2230.0 | 2165.1 | 2079.6 | 1964.6 | 1847.1 | 1701.7 | 1576.8 | 1433.8 |
| 52.5° | 2596.4 | 2570.1 | 2510.2 | 2455.9 | 2397.6 | 2317.1 | 2214.4 | 2101.8 | 1944.9 | 1807.6 | 1644.9 |
| 55°   | 2848.7 | 2829.8 | 2777.2 | 2743.5 | 2691.7 | 2614.5 | 2518.4 | 2414.0 | 2248.1 | 2098.5 | 1914.5 |
| 57.5° | 3262.0 | 3247.2 | 3201.2 | 3187.2 | 3136.3 | 3068.9 | 2950.6 | 2838.8 | 2644.9 | 2459.2 | 2248.9 |
| 60°   | 3946.4 | 3916.8 | 3849.5 | 3814.9 | 3707.3 | 3616.9 | 3463.3 | 3309.6 | 3075.4 | 2838.8 | 2585.7 |
| 62.5° | 4679.3 | 4596.3 | 4468.1 | 4358.1 | 4205.2 | 4048.3 | 3842.9 | 3607.9 | 3333.4 | 3052.5 | 2761.6 |
| 65°   | 5074.5 | 4933.2 | 4771.4 | 4596.3 | 4398.3 | 4167.4 | 3908.6 | 3626.8 | 3331.8 | 3035.2 | 2727.9 |
| 66°   | 5119.7 | 4960.3 | 4788.6 | 4593.9 | 4373.7 | 4128.0 | 3865.1 | 3569.3 | 3262.8 | 2973.6 | 2666.3 |
| 67.5° | 5063.0 | 4896.2 | 4714.6 | 4498.6 | 4260.3 | 4005.6 | 3729.5 | 3422.2 | 3127.2 | 2833.9 | 2534.8 |
| 70°   | 4666.2 | 4500.2 | 4338.3 | 4110.7 | 3856.9 | 3600.5 | 3339.2 | 2995.8 | 2716.4 | 2446.9 | 2180.7 |
| 72.5° | 3726.2 | 3613.6 | 3453.4 | 3258.7 | 3011.4 | 2710.6 | 2492.9 | 2185.6 | 1943.2 | 1681.9 | 1475.7 |
| 75°   | 2328.6 | 2170.0 | 1972.0 | 1723.8 | 1534.9 | 1290.8 | 1163.5 | 930.1  | 792.1  | 671.3  | 554.6  |
| 77.5° | 1190.6 | 1071.4 | 932.6  | 792.9  | 659.0  | 525.9  | 406.7  | 287.6  | 193.9  | 134.7  | 100.2  |
| 80°   | 983.5  | 878.3  | 763.3  | 636.0  | 517.6  | 401.8  | 289.2  | 197.2  | 125.7  | 82.2   | 64.1   |
| 82.5° | 812.6  | 723.9  | 621.2  | 502.9  | 400.1  | 315.5  | 219.4  | 143.0  | 88.7   | 57.5   | 45.2   |
| 85°   | 345.9  | 313.9  | 242.4  | 192.3  | 144.6  | 106.8  | 74.8   | 50.1   | 35.3   | 28.8   | 26.3   |
| 87.5° | 14.8   | 16.4   | 15.6   | 12.3   | 9.0    | 9.0    | 8.2    | 6.6    | 6.6    | 6.6    | 6.6    |
| 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):**

|       | 80°    | 81°    | 82°    | 83°    | 84°    | 85°    | 95°   | 105°  | 115°  | 125°  | 135°  |
|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| 0°    | 129.0  | 129.0  | 129.0  | 129.0  | 129.0  | 129.0  | 129.0 | 129.0 | 129.0 | 129.0 | 129.0 |
| 2.5°  | 134.7  | 133.9  | 133.1  | 133.1  | 132.3  | 131.5  | 126.6 | 122.4 | 117.5 | 114.2 | 110.9 |
| 5°    | 140.5  | 139.7  | 138.0  | 137.2  | 135.5  | 134.7  | 124.1 | 115.0 | 107.6 | 101.9 | 97.8  |
| 7.5°  | 146.3  | 145.4  | 143.0  | 140.5  | 139.7  | 138.0  | 120.8 | 109.3 | 99.4  | 92.9  | 88.7  |
| 10°   | 153.6  | 151.2  | 148.7  | 145.4  | 143.0  | 140.5  | 117.5 | 102.7 | 92.0  | 86.2  | 82.2  |
| 12.5° | 164.3  | 160.2  | 156.1  | 152.0  | 148.7  | 144.6  | 115.8 | 97.0  | 86.2  | 79.7  | 75.6  |
| 15°   | 176.7  | 170.9  | 166.0  | 161.1  | 155.3  | 151.2  | 112.6 | 92.0  | 81.3  | 74.8  | 69.8  |
| 17.5° | 188.2  | 181.6  | 174.2  | 166.8  | 161.1  | 155.3  | 109.3 | 87.1  | 76.4  | 69.8  | 64.9  |
| 20°   | 204.6  | 194.7  | 185.7  | 176.7  | 168.4  | 161.1  | 104.3 | 82.2  | 72.3  | 64.9  | 60.0  |
| 22.5° | 222.7  | 211.2  | 199.6  | 187.3  | 176.7  | 166.8  | 100.2 | 78.1  | 68.2  | 60.8  | 55.0  |
| 25°   | 245.7  | 231.7  | 216.1  | 200.5  | 188.2  | 175.0  | 96.1  | 73.9  | 64.1  | 56.7  | 50.9  |
| 27.5° | 277.7  | 258.0  | 240.8  | 221.0  | 202.1  | 187.3  | 92.9  | 70.6  | 60.0  | 52.6  | 46.8  |
| 30°   | 321.3  | 292.5  | 265.4  | 244.0  | 221.8  | 200.5  | 89.6  | 66.5  | 56.7  | 48.5  | 41.9  |
| 32.5° | 369.7  | 336.1  | 304.8  | 272.8  | 244.9  | 220.2  | 86.2  | 63.3  | 52.6  | 44.4  | 38.6  |
| 35°   | 429.7  | 387.0  | 345.1  | 308.1  | 274.5  | 241.6  | 83.0  | 60.0  | 49.3  | 40.3  | 34.5  |
| 37.5° | 516.0  | 462.6  | 407.6  | 359.9  | 316.3  | 272.8  | 80.5  | 56.7  | 45.2  | 36.1  | 30.4  |
| 40°   | 634.3  | 565.3  | 497.9  | 433.0  | 376.3  | 322.1  | 77.3  | 53.4  | 41.9  | 32.9  | 27.1  |
| 42.5° | 762.5  | 678.7  | 590.0  | 516.8  | 438.8  | 370.6  | 73.9  | 50.1  | 38.6  | 29.6  | 23.8  |
| 45°   | 921.9  | 817.6  | 709.9  | 610.5  | 515.2  | 427.3  | 70.6  | 46.8  | 34.5  | 26.3  | 20.5  |
| 47.5° | 1096.1 | 963.0  | 841.3  | 716.5  | 603.1  | 497.9  | 66.5  | 44.4  | 31.2  | 23.0  | 18.1  |
| 50°   | 1275.2 | 1134.7 | 981.1  | 838.9  | 704.2  | 568.6  | 62.5  | 40.3  | 28.0  | 20.5  | 14.8  |
| 52.5° | 1468.3 | 1302.3 | 1145.4 | 968.7  | 811.8  | 661.4  | 58.3  | 36.9  | 25.5  | 18.1  | 12.3  |
| 55°   | 1714.0 | 1528.3 | 1344.2 | 1146.2 | 957.2  | 769.1  | 54.2  | 32.9  | 22.2  | 15.6  | 9.9   |
| 57.5° | 2022.9 | 1802.7 | 1576.8 | 1353.3 | 1124.0 | 910.4  | 50.9  | 28.8  | 18.9  | 13.2  | 8.2   |
| 60°   | 2314.6 | 2057.4 | 1783.8 | 1526.6 | 1267.8 | 1018.8 | 46.0  | 25.5  | 16.4  | 10.7  | 8.2   |
| 62.5° | 2465.8 | 2172.4 | 1877.5 | 1594.0 | 1317.9 | 1057.5 | 41.1  | 21.3  | 14.0  | 9.0   | 7.4   |
| 65°   | 2428.8 | 2129.8 | 1843.8 | 1557.9 | 1287.5 | 1032.8 | 36.1  | 18.9  | 12.3  | 8.2   | 7.4   |
| 66°   | 2375.4 | 2079.6 | 1792.0 | 1520.1 | 1262.1 | 1006.5 | 33.7  | 18.1  | 11.5  | 8.2   | 6.6   |
| 67.5° | 2258.7 | 1972.8 | 1698.4 | 1445.3 | 1192.2 | 956.4  | 30.4  | 16.4  | 10.7  | 7.4   | 6.6   |
| 70°   | 1929.2 | 1669.6 | 1450.2 | 1225.1 | 1018.8 | 806.0  | 24.6  | 14.0  | 9.0   | 6.6   | 6.6   |
| 72.5° | 1276.9 | 1100.2 | 953.9  | 820.8  | 686.1  | 532.4  | 20.5  | 11.5  | 7.4   | 6.6   | 5.7   |
| 75°   | 481.5  | 435.5  | 373.9  | 336.1  | 293.3  | 257.2  | 16.4  | 7.4   | 5.7   | 5.7   | 5.7   |
| 77.5° | 85.4   | 78.9   | 69.8   | 64.1   | 59.2   | 54.2   | 13.2  | 4.9   | 4.9   | 5.7   | 5.7   |
| 80°   | 57.5   | 53.4   | 48.5   | 44.4   | 41.1   | 36.9   | 9.0   | 4.1   | 4.9   | 4.9   | 5.7   |
| 82.5° | 41.1   | 38.6   | 36.1   | 32.9   | 30.4   | 27.1   | 5.7   | 4.1   | 4.9   | 4.9   | 4.9   |
| 85°   | 24.6   | 23.0   | 21.3   | 19.7   | 17.2   | 16.4   | 4.1   | 4.1   | 4.1   | 4.9   | 4.9   |
| 87.5° | 6.6    | 5.7    | 6.6    | 6.6    | 4.9    | 5.7    | 3.3   | 3.3   | 3.3   | 4.1   | 4.1   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |



REPORT NUMBER: P163733

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**CANDELA DISTRIBUTION (continued):**

|       | 145°  | 155°  | 165°  | 175°  | 180°  |
|-------|-------|-------|-------|-------|-------|
| 0°    | 129.0 | 129.0 | 129.0 | 129.0 | 129.0 |
| 2.5°  | 109.3 | 109.3 | 107.6 | 110.1 | 110.1 |
| 5°    | 94.5  | 94.5  | 93.7  | 94.5  | 94.5  |
| 7.5°  | 86.2  | 85.4  | 85.4  | 85.4  | 86.2  |
| 10°   | 78.9  | 78.1  | 78.1  | 78.1  | 78.1  |
| 12.5° | 72.3  | 71.5  | 70.6  | 71.5  | 71.5  |
| 15°   | 66.5  | 64.9  | 64.9  | 64.9  | 64.9  |
| 17.5° | 61.6  | 60.0  | 59.2  | 59.2  | 59.2  |
| 20°   | 56.7  | 54.2  | 54.2  | 54.2  | 54.2  |
| 22.5° | 51.7  | 49.3  | 49.3  | 49.3  | 49.3  |
| 25°   | 46.8  | 44.4  | 44.4  | 44.4  | 44.4  |
| 27.5° | 42.7  | 40.3  | 40.3  | 40.3  | 40.3  |
| 30°   | 37.8  | 36.1  | 36.1  | 36.9  | 36.1  |
| 32.5° | 34.5  | 32.0  | 32.0  | 32.9  | 32.9  |
| 35°   | 30.4  | 28.8  | 28.8  | 28.8  | 28.8  |
| 37.5° | 26.3  | 24.6  | 24.6  | 24.6  | 24.6  |
| 40°   | 23.0  | 21.3  | 20.5  | 21.3  | 21.3  |
| 42.5° | 19.7  | 18.1  | 17.2  | 17.2  | 17.2  |
| 45°   | 17.2  | 14.8  | 14.0  | 14.8  | 14.8  |
| 47.5° | 14.0  | 12.3  | 12.3  | 13.2  | 13.2  |
| 50°   | 10.7  | 10.7  | 11.5  | 13.2  | 13.2  |
| 52.5° | 9.9   | 9.9   | 11.5  | 13.2  | 13.2  |
| 55°   | 9.0   | 9.9   | 11.5  | 12.3  | 13.2  |
| 57.5° | 8.2   | 9.9   | 11.5  | 12.3  | 12.3  |
| 60°   | 8.2   | 9.0   | 10.7  | 12.3  | 12.3  |
| 62.5° | 7.4   | 8.2   | 9.9   | 11.5  | 11.5  |
| 65°   | 7.4   | 8.2   | 9.9   | 11.5  | 11.5  |
| 66°   | 7.4   | 8.2   | 9.9   | 11.5  | 11.5  |
| 67.5° | 7.4   | 8.2   | 9.9   | 11.5  | 11.5  |
| 70°   | 7.4   | 8.2   | 9.9   | 10.7  | 10.7  |
| 72.5° | 6.6   | 7.4   | 9.0   | 10.7  | 10.7  |
| 75°   | 6.6   | 7.4   | 9.0   | 10.7  | 10.7  |
| 77.5° | 6.6   | 7.4   | 9.0   | 10.7  | 10.7  |
| 80°   | 6.6   | 7.4   | 9.0   | 9.9   | 10.7  |
| 82.5° | 5.7   | 7.4   | 8.2   | 9.9   | 9.9   |
| 85°   | 5.7   | 6.6   | 8.2   | 9.0   | 9.9   |
| 87.5° | 4.9   | 5.7   | 6.6   | 8.2   | 8.2   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

(END OF REPORT)