

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: P179269

Luminaire Tested: **UTLD-E02-LED-E-U-SL3-HSS-7030**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P179269  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P34325)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: UTLD-E02-LED-E-U-SL3-HSS-7030  
Description: TRADITIONAIRE LED DOWNLIGHT LUMINAIRE  
(2) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL AND  
HOUSE SIDE SHIELD  
Light Source: (42) 3000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2827.8 lumens  
Efficiency: N/A  
Efficacy: 54.3 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 1' x H: 0.1')  
IES Classification: Type III - Short - Non-Cutoff  
BUG Rating: B0 - U0 - G1

Input Watts (W): 52.1  
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



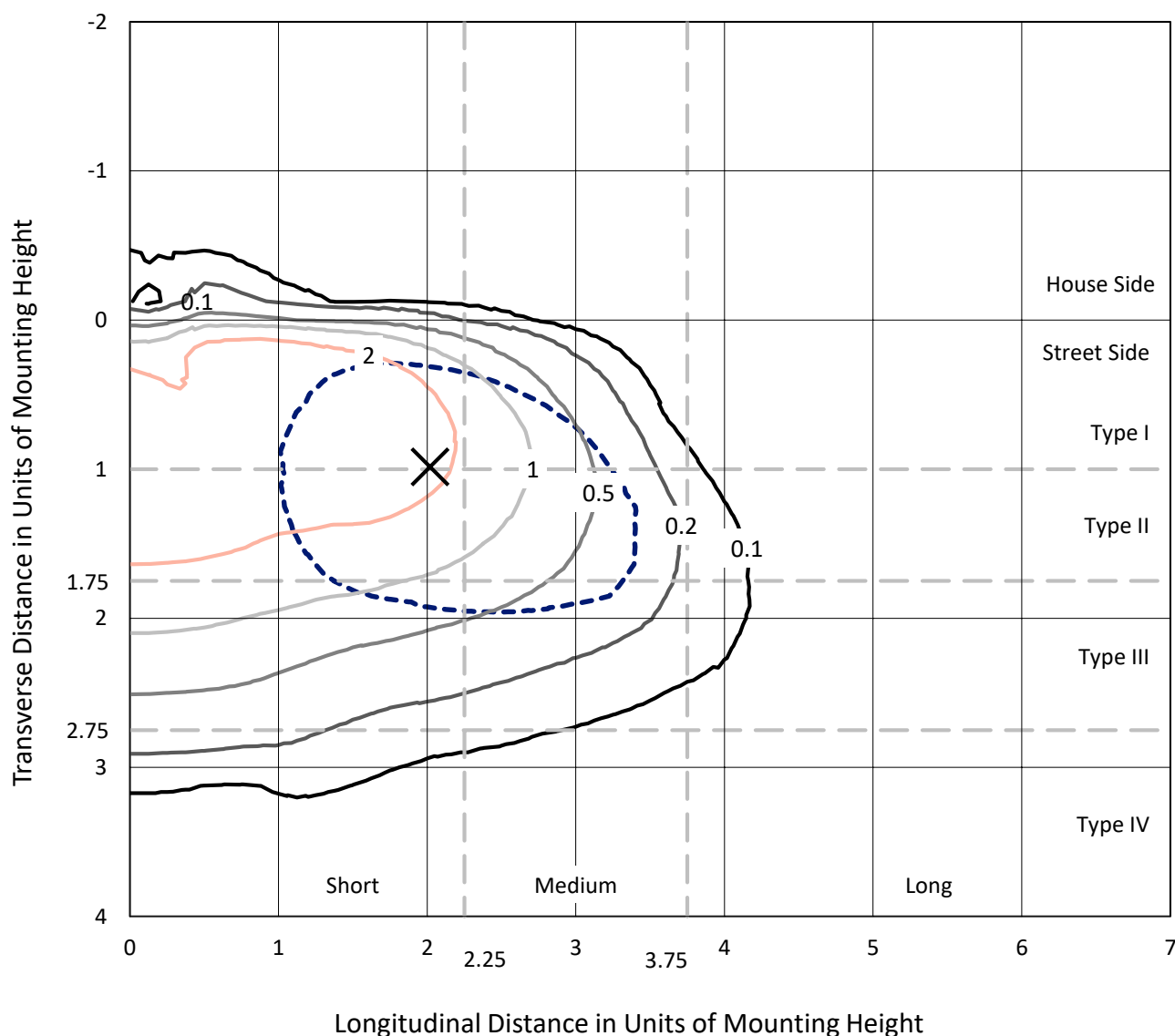
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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

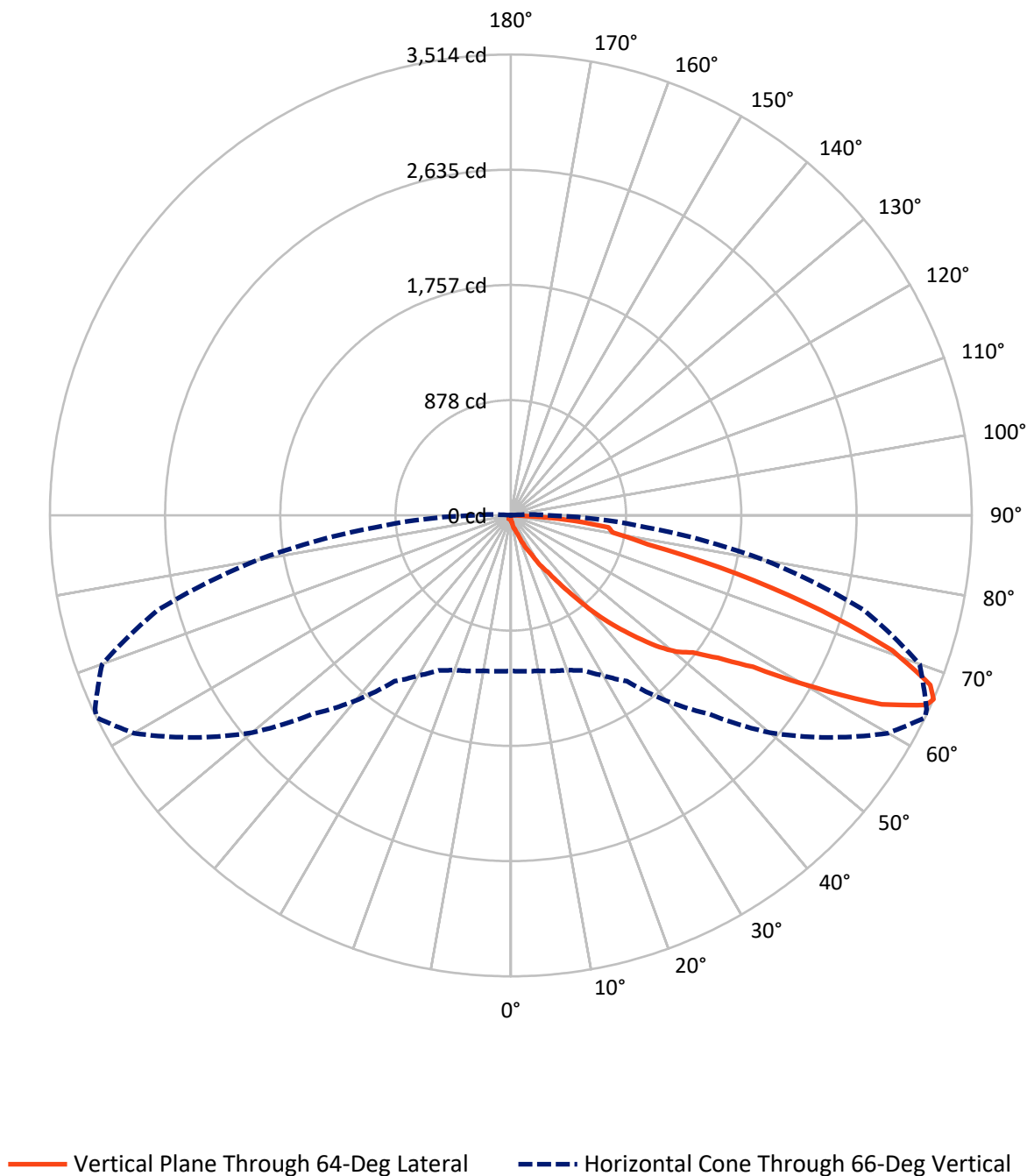


Based on 10 foot mounting height. Maximum calculated value = 4.5 fc  
Type III - Short - Non-Cutoff

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## Luminous Intensity Polar Plot



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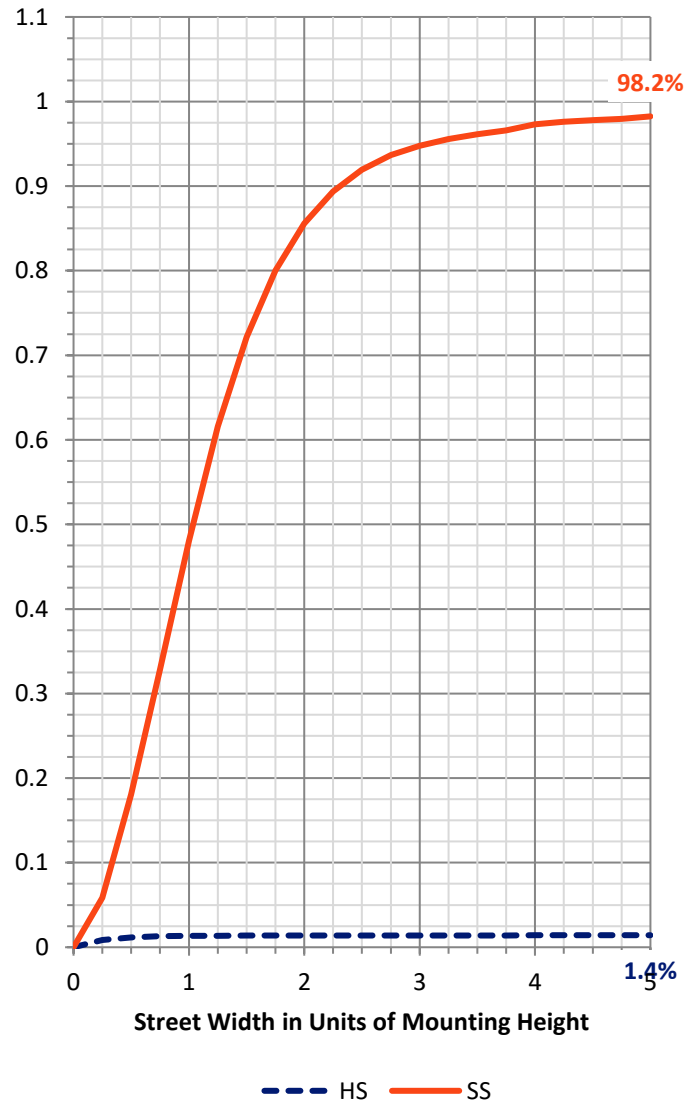
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 41.3     | 0.0    | 41.3   |
|                    | % Fixture | 1.5      | 0.0    | 1.5    |
| <b>Street Side</b> | Lumens    | 2786.5   | 0.0    | 2786.5 |
|                    | % Fixture | 98.5     | 0.0    | 98.5   |
| <b>Total</b>       | Lumens    | 2827.8   | 0.0    | 2827.8 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 3.9    | 0.1       |
| 10°-20°   | 22.1   | 0.8       |
| 20°-30°   | 67.5   | 2.4       |
| 30°-40°   | 179.6  | 6.4       |
| 40°-50°   | 417.9  | 14.8      |
| 50°-60°   | 712.5  | 25.2      |
| 60°-70°   | 940.7  | 33.3      |
| 70°-80°   | 422.1  | 14.9      |
| 80°-90°   | 61.4   | 2.2       |
| 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°    | 2827.8 | 100.0     |
| 0°-180°   | 2827.8 | 100.0     |

**Coefficient of Utilization**



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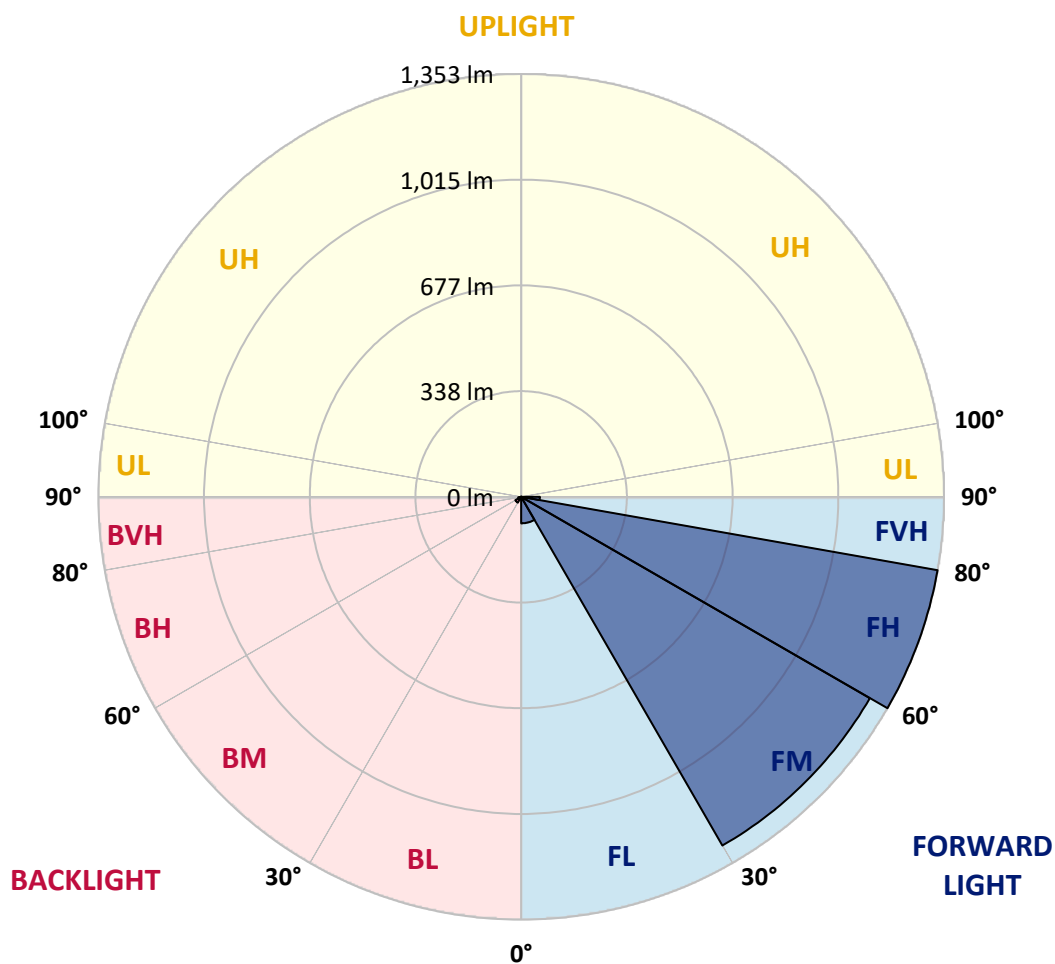
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 84.9   | 3.0       |                         |      |         |
| FM   | (30°-60°)   | 1288.6 | 45.6      |                         |      |         |
| FH   | (60°-80°)   | 1353.2 | 47.9      |                         |      | G1/1800 |
| FVH  | (80°-90°)   | 59.7   | 2.1       |                         |      | G1/100  |
| BL   | (0°-30°)    | 8.7    | 0.3       | B0/110                  |      |         |
| BM   | (30°-60°)   | 21.4   | 0.8       | B0/220                  |      |         |
| BH   | (60°-80°)   | 9.5    | 0.3       | B0/110                  |      | G0/110  |
| BVH  | (80°-90°)   | 1.7    | 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-G1**

Type III Short





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 33.8   | 33.8   | 33.8   | 33.8   | 33.8   | 33.8   | 33.8   | 33.8   | 33.8   | 33.8   | 33.8   |
| 2.5°  | 48.4   | 48.4   | 48.4   | 47.5   | 46.6   | 46.6   | 45.7   | 44.8   | 44.8   | 44.8   | 43.8   |
| 5°    | 65.8   | 63.0   | 61.2   | 58.5   | 56.6   | 56.6   | 54.8   | 53.9   | 53.0   | 52.1   | 50.2   |
| 7.5°  | 97.7   | 96.8   | 95.0   | 94.1   | 93.2   | 92.2   | 89.5   | 88.6   | 85.9   | 78.5   | 60.3   |
| 10°   | 124.2  | 119.6  | 119.6  | 113.3  | 109.6  | 105.9  | 102.3  | 100.5  | 100.5  | 94.1   | 89.5   |
| 12.5° | 148.9  | 149.8  | 150.7  | 151.6  | 148.9  | 147.0  | 144.3  | 140.7  | 116.0  | 110.5  | 110.5  |
| 15°   | 198.2  | 196.4  | 193.6  | 179.9  | 159.8  | 156.2  | 148.9  | 149.8  | 162.6  | 154.4  | 131.5  |
| 17.5° | 205.5  | 205.5  | 203.7  | 200.9  | 197.3  | 190.9  | 191.8  | 186.3  | 169.0  | 165.3  | 164.4  |
| 20°   | 264.9  | 264.9  | 261.2  | 252.1  | 231.1  | 200.9  | 207.3  | 200.0  | 200.9  | 197.3  | 187.2  |
| 22.5° | 287.7  | 288.6  | 281.3  | 271.3  | 256.7  | 254.8  | 240.2  | 210.1  | 219.2  | 213.7  | 216.5  |
| 25°   | 364.4  | 362.6  | 352.6  | 331.5  | 312.4  | 267.6  | 246.6  | 251.2  | 238.4  | 231.1  | 264.9  |
| 27.5° | 448.5  | 446.6  | 410.1  | 368.1  | 337.9  | 306.9  | 292.3  | 265.8  | 271.3  | 277.7  | 288.6  |
| 30°   | 494.1  | 489.6  | 471.3  | 439.3  | 402.8  | 362.6  | 312.4  | 305.1  | 298.7  | 304.1  | 380.0  |
| 32.5° | 597.3  | 596.4  | 571.8  | 533.4  | 488.6  | 412.8  | 370.8  | 356.2  | 340.7  | 386.3  | 441.1  |
| 35°   | 712.4  | 708.8  | 690.5  | 633.9  | 575.4  | 517.9  | 486.8  | 440.2  | 453.9  | 481.3  | 566.3  |
| 37.5° | 802.8  | 802.8  | 778.2  | 727.9  | 701.5  | 654.0  | 613.8  | 606.5  | 585.5  | 625.6  | 726.1  |
| 40°   | 854.0  | 859.5  | 864.9  | 847.6  | 822.0  | 801.9  | 780.0  | 765.4  | 773.6  | 792.8  | 895.1  |
| 42.5° | 938.0  | 948.1  | 965.4  | 957.2  | 945.3  | 949.9  | 917.9  | 926.1  | 940.8  | 970.0  | 1075.0 |
| 45°   | 1060.4 | 1068.6 | 1087.8 | 1102.4 | 1122.5 | 1111.5 | 1051.3 | 1094.2 | 1125.2 | 1144.4 | 1255.9 |
| 47.5° | 1181.9 | 1197.4 | 1223.0 | 1244.9 | 1276.9 | 1265.9 | 1232.1 | 1250.4 | 1281.4 | 1301.5 | 1430.3 |
| 50°   | 1287.8 | 1302.4 | 1329.8 | 1362.7 | 1376.4 | 1402.9 | 1390.1 | 1399.3 | 1435.8 | 1452.2 | 1578.3 |
| 52.5° | 1367.3 | 1374.6 | 1398.3 | 1435.8 | 1450.4 | 1491.5 | 1497.0 | 1496.1 | 1567.3 | 1592.9 | 1724.4 |
| 55°   | 1409.3 | 1416.6 | 1439.4 | 1468.7 | 1487.8 | 1543.6 | 1538.1 | 1553.6 | 1659.6 | 1708.0 | 1873.3 |
| 57.5° | 1417.5 | 1426.7 | 1444.9 | 1481.5 | 1497.0 | 1562.7 | 1550.0 | 1586.5 | 1725.3 | 1824.9 | 2031.3 |
| 60°   | 1402.0 | 1412.0 | 1427.6 | 1462.3 | 1484.2 | 1547.2 | 1566.4 | 1616.6 | 1792.0 | 1951.8 | 2233.1 |
| 62.5° | 1335.3 | 1350.8 | 1360.0 | 1397.4 | 1418.4 | 1471.4 | 1559.1 | 1652.3 | 1866.0 | 2071.5 | 2447.8 |
| 65°   | 1233.0 | 1241.2 | 1254.0 | 1281.4 | 1306.1 | 1359.1 | 1476.0 | 1611.2 | 1885.2 | 2146.4 | 2572.9 |
| 66°   | 1185.5 | 1192.8 | 1202.9 | 1227.5 | 1254.0 | 1303.4 | 1409.3 | 1542.6 | 1843.1 | 2142.7 | 2576.6 |
| 67.5° | 1093.3 | 1096.9 | 1115.2 | 1134.4 | 1163.6 | 1194.7 | 1276.0 | 1408.4 | 1718.9 | 2050.5 | 2508.1 |
| 70°   | 738.0  | 749.9  | 800.1  | 866.8  | 907.9  | 903.3  | 954.5  | 1071.4 | 1345.4 | 1666.9 | 2163.7 |
| 72.5° | 347.1  | 350.7  | 357.1  | 383.6  | 535.2  | 566.3  | 601.9  | 702.4  | 908.8  | 1160.9 | 1579.2 |
| 75°   | 284.1  | 287.7  | 298.7  | 312.4  | 344.3  | 381.8  | 394.6  | 433.8  | 583.6  | 719.7  | 965.4  |
| 77.5° | 96.8   | 99.6   | 106.9  | 127.0  | 194.5  | 243.9  | 287.7  | 358.0  | 439.3  | 511.5  | 633.0  |
| 80°   | 40.2   | 42.9   | 46.6   | 42.9   | 50.2   | 83.1   | 105.0  | 153.4  | 267.6  | 392.7  | 501.4  |
| 82.5° | 21.9   | 22.8   | 25.6   | 23.7   | 29.2   | 38.4   | 41.1   | 44.8   | 64.8   | 131.5  | 281.3  |
| 85°   | 6.4    | 6.4    | 7.3    | 11.9   | 17.4   | 25.6   | 25.6   | 24.7   | 24.7   | 37.4   | 70.3   |
| 87.5° | 1.8    | 1.8    | 2.7    | 3.7    | 5.5    | 9.1    | 11.0   | 11.0   | 11.9   | 15.5   | 22.8   |
| 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):**

|       | 55°    | 60°    | 64°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°   | 95°  | 100° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|------|------|
| 0°    | 33.8   | 33.8   | 33.8   | 33.8   | 33.8   | 33.8   | 33.8   | 33.8   | 33.8  | 33.8 | 33.8 |
| 2.5°  | 43.8   | 43.8   | 43.8   | 43.8   | 42.9   | 42.9   | 40.2   | 36.5   | 32.9  | 29.2 | 26.5 |
| 5°    | 49.3   | 46.6   | 45.7   | 45.7   | 42.9   | 42.9   | 42.0   | 39.3   | 30.1  | 25.6 | 22.8 |
| 7.5°  | 55.7   | 52.1   | 50.2   | 50.2   | 47.5   | 43.8   | 42.0   | 40.2   | 31.1  | 24.7 | 21.9 |
| 10°   | 87.7   | 73.1   | 63.0   | 60.3   | 56.6   | 52.1   | 49.3   | 49.3   | 36.5  | 29.2 | 26.5 |
| 12.5° | 106.9  | 101.4  | 95.0   | 90.4   | 65.8   | 59.4   | 56.6   | 49.3   | 38.4  | 28.3 | 24.7 |
| 15°   | 122.4  | 114.2  | 106.9  | 105.0  | 104.1  | 79.5   | 68.5   | 62.1   | 44.8  | 36.5 | 30.1 |
| 17.5° | 176.3  | 140.7  | 128.8  | 127.9  | 116.0  | 87.7   | 75.8   | 62.1   | 48.4  | 36.5 | 30.1 |
| 20°   | 186.3  | 172.6  | 153.4  | 157.1  | 158.9  | 138.8  | 108.7  | 84.9   | 63.9  | 48.4 | 36.5 |
| 22.5° | 239.3  | 232.0  | 220.1  | 216.5  | 181.8  | 158.9  | 117.8  | 99.6   | 69.4  | 48.4 | 36.5 |
| 25°   | 274.0  | 269.4  | 285.0  | 282.2  | 262.1  | 221.0  | 161.7  | 118.7  | 86.8  | 55.7 | 41.1 |
| 27.5° | 341.6  | 363.5  | 333.4  | 342.5  | 304.1  | 265.8  | 212.8  | 147.0  | 92.2  | 58.5 | 42.0 |
| 30°   | 388.2  | 419.2  | 439.3  | 433.8  | 384.5  | 309.6  | 236.6  | 166.2  | 100.5 | 58.5 | 43.8 |
| 32.5° | 487.7  | 508.7  | 512.4  | 501.4  | 472.2  | 390.9  | 283.1  | 190.9  | 105.0 | 60.3 | 46.6 |
| 35°   | 580.0  | 633.0  | 632.0  | 633.9  | 575.4  | 481.3  | 342.5  | 205.5  | 112.3 | 60.3 | 46.6 |
| 37.5° | 758.1  | 787.3  | 783.7  | 782.7  | 717.9  | 588.2  | 403.7  | 248.4  | 120.6 | 60.3 | 45.7 |
| 40°   | 929.8  | 965.4  | 964.5  | 954.5  | 885.9  | 716.1  | 506.9  | 283.1  | 128.8 | 62.1 | 42.9 |
| 42.5° | 1096.0 | 1112.5 | 1139.9 | 1143.5 | 1026.6 | 863.1  | 611.9  | 330.6  | 137.9 | 63.9 | 41.1 |
| 45°   | 1269.6 | 1251.3 | 1303.4 | 1299.7 | 1191.9 | 1019.3 | 701.5  | 386.3  | 152.5 | 62.1 | 38.4 |
| 47.5° | 1444.9 | 1441.3 | 1486.0 | 1453.1 | 1372.8 | 1205.6 | 829.3  | 445.7  | 161.7 | 59.4 | 35.6 |
| 50°   | 1600.2 | 1629.4 | 1633.1 | 1584.7 | 1543.6 | 1388.3 | 998.3  | 525.2  | 179.9 | 54.8 | 33.8 |
| 52.5° | 1736.3 | 1783.8 | 1736.3 | 1726.2 | 1724.4 | 1533.5 | 1140.8 | 596.4  | 197.3 | 50.2 | 31.1 |
| 55°   | 1906.2 | 1940.9 | 1915.3 | 1918.9 | 1937.2 | 1780.1 | 1316.1 | 727.9  | 227.4 | 45.7 | 28.3 |
| 57.5° | 2123.5 | 2193.0 | 2178.3 | 2242.3 | 2245.9 | 2129.0 | 1565.5 | 877.7  | 263.0 | 42.0 | 25.6 |
| 60°   | 2412.2 | 2583.0 | 2666.1 | 2737.3 | 2655.1 | 2509.0 | 1842.2 | 1001.9 | 291.4 | 38.4 | 22.8 |
| 62.5° | 2743.7 | 3025.0 | 3173.0 | 3253.4 | 3026.8 | 2714.5 | 1954.6 | 1054.9 | 297.8 | 33.8 | 20.1 |
| 65°   | 2933.7 | 3285.3 | 3482.6 | 3488.1 | 3271.6 | 2776.6 | 1971.0 | 1053.1 | 291.4 | 29.2 | 17.4 |
| 66°   | 2951.0 | 3319.1 | 3513.7 | 3497.2 | 3315.5 | 2783.9 | 1960.0 | 1036.7 | 285.0 | 27.4 | 16.4 |
| 67.5° | 2888.0 | 3256.1 | 3448.8 | 3417.8 | 3289.0 | 2742.8 | 1887.9 | 994.6  | 272.2 | 24.7 | 15.5 |
| 70°   | 2559.2 | 2889.8 | 3085.3 | 3043.3 | 3052.4 | 2500.8 | 1584.7 | 848.5  | 237.5 | 20.1 | 13.7 |
| 72.5° | 2017.6 | 2389.3 | 2475.2 | 2444.1 | 2499.8 | 1849.5 | 1119.8 | 595.5  | 177.2 | 16.4 | 11.9 |
| 75°   | 1353.6 | 1725.3 | 1784.7 | 1760.0 | 1584.7 | 931.6  | 444.8  | 251.2  | 92.2  | 13.7 | 10.0 |
| 77.5° | 815.6  | 1086.9 | 1071.4 | 1074.1 | 848.5  | 378.1  | 84.0   | 58.5   | 31.1  | 11.0 | 7.3  |
| 80°   | 596.4  | 754.4  | 785.5  | 804.7  | 665.8  | 247.5  | 46.6   | 34.7   | 18.3  | 8.2  | 5.5  |
| 82.5° | 484.1  | 675.9  | 751.7  | 759.0  | 602.8  | 196.4  | 35.6   | 27.4   | 13.7  | 6.4  | 3.7  |
| 85°   | 132.4  | 345.2  | 426.5  | 404.6  | 256.7  | 66.7   | 25.6   | 18.3   | 9.1   | 4.6  | 3.7  |
| 87.5° | 31.1   | 78.5   | 99.6   | 102.3  | 73.1   | 24.7   | 21.9   | 17.4   | 6.4   | 3.7  | 3.7  |
| 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):**

|       | 105° | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° |
|-------|------|------|------|------|------|------|------|------|------|------|------|
| 0°    | 33.8 | 33.8 | 33.8 | 33.8 | 33.8 | 33.8 | 33.8 | 33.8 | 33.8 | 33.8 | 33.8 |
| 2.5°  | 25.6 | 24.7 | 23.7 | 22.8 | 22.8 | 21.9 | 21.9 | 21.9 | 21.0 | 21.9 | 21.9 |
| 5°    | 21.9 | 21.0 | 20.1 | 19.2 | 18.3 | 18.3 | 18.3 | 19.2 | 20.1 | 20.1 | 20.1 |
| 7.5°  | 21.0 | 19.2 | 18.3 | 18.3 | 18.3 | 12.8 | 9.1  | 8.2  | 8.2  | 8.2  | 9.1  |
| 10°   | 21.9 | 19.2 | 20.1 | 11.0 | 7.3  | 7.3  | 7.3  | 7.3  | 7.3  | 10.0 | 11.9 |
| 12.5° | 22.8 | 21.0 | 11.9 | 11.0 | 10.0 | 9.1  | 11.0 | 10.0 | 10.0 | 11.0 | 11.0 |
| 15°   | 26.5 | 16.4 | 12.8 | 11.0 | 12.8 | 13.7 | 12.8 | 11.9 | 10.0 | 10.0 | 11.9 |
| 17.5° | 21.9 | 16.4 | 14.6 | 16.4 | 16.4 | 13.7 | 11.9 | 13.7 | 13.7 | 12.8 | 11.9 |
| 20°   | 26.5 | 22.8 | 20.1 | 17.4 | 15.5 | 14.6 | 15.5 | 13.7 | 12.8 | 12.8 | 13.7 |
| 22.5° | 28.3 | 24.7 | 25.6 | 22.8 | 21.0 | 16.4 | 15.5 | 13.7 | 14.6 | 13.7 | 13.7 |
| 25°   | 34.7 | 34.7 | 30.1 | 23.7 | 21.9 | 19.2 | 18.3 | 14.6 | 14.6 | 12.8 | 13.7 |
| 27.5° | 37.4 | 33.8 | 30.1 | 27.4 | 24.7 | 19.2 | 18.3 | 15.5 | 13.7 | 13.7 | 11.9 |
| 30°   | 39.3 | 34.7 | 31.1 | 27.4 | 23.7 | 21.0 | 18.3 | 15.5 | 13.7 | 12.8 | 12.8 |
| 32.5° | 42.0 | 36.5 | 30.1 | 25.6 | 22.8 | 19.2 | 18.3 | 14.6 | 12.8 | 11.0 | 11.0 |
| 35°   | 39.3 | 33.8 | 29.2 | 25.6 | 21.0 | 18.3 | 16.4 | 13.7 | 11.0 | 11.0 | 10.0 |
| 37.5° | 36.5 | 31.1 | 26.5 | 23.7 | 20.1 | 16.4 | 14.6 | 11.9 | 10.0 | 9.1  | 9.1  |
| 40°   | 34.7 | 29.2 | 24.7 | 21.0 | 17.4 | 14.6 | 12.8 | 10.0 | 8.2  | 7.3  | 7.3  |
| 42.5° | 32.0 | 26.5 | 21.9 | 18.3 | 15.5 | 12.8 | 11.0 | 8.2  | 6.4  | 5.5  | 5.5  |
| 45°   | 30.1 | 24.7 | 20.1 | 16.4 | 12.8 | 11.0 | 8.2  | 6.4  | 4.6  | 3.7  | 3.7  |
| 47.5° | 28.3 | 22.8 | 17.4 | 13.7 | 11.0 | 9.1  | 6.4  | 4.6  | 2.7  | 2.7  | 1.8  |
| 50°   | 25.6 | 20.1 | 15.5 | 11.9 | 9.1  | 7.3  | 4.6  | 2.7  | 1.8  | 0.9  | 0.9  |
| 52.5° | 23.7 | 17.4 | 13.7 | 10.0 | 7.3  | 5.5  | 3.7  | 1.8  | 0.9  | 0.9  | 0.9  |
| 55°   | 21.0 | 15.5 | 11.9 | 8.2  | 6.4  | 3.7  | 1.8  | 0.9  | 0.9  | 0.9  | 0.9  |
| 57.5° | 18.3 | 12.8 | 10.0 | 7.3  | 4.6  | 2.7  | 1.8  | 0.9  | 0.9  | 0.9  | 0.0  |
| 60°   | 15.5 | 11.0 | 8.2  | 5.5  | 3.7  | 1.8  | 0.9  | 0.9  | 0.9  | 0.9  | 0.0  |
| 62.5° | 13.7 | 9.1  | 6.4  | 4.6  | 2.7  | 1.8  | 0.9  | 0.9  | 0.9  | 0.9  | 0.0  |
| 65°   | 11.9 | 7.3  | 5.5  | 3.7  | 1.8  | 1.8  | 0.9  | 0.9  | 0.9  | 0.9  | 0.0  |
| 66°   | 11.0 | 7.3  | 4.6  | 2.7  | 1.8  | 1.8  | 0.9  | 0.9  | 0.9  | 0.9  | 0.0  |
| 67.5° | 10.0 | 6.4  | 4.6  | 2.7  | 1.8  | 1.8  | 0.9  | 0.9  | 0.9  | 0.9  | 0.9  |
| 70°   | 9.1  | 5.5  | 3.7  | 2.7  | 1.8  | 0.9  | 0.9  | 0.9  | 0.9  | 0.9  | 0.9  |
| 72.5° | 8.2  | 4.6  | 2.7  | 2.7  | 1.8  | 1.8  | 0.9  | 0.9  | 0.9  | 0.9  | 0.9  |
| 75°   | 5.5  | 2.7  | 2.7  | 1.8  | 1.8  | 1.8  | 0.9  | 1.8  | 1.8  | 1.8  | 1.8  |
| 77.5° | 3.7  | 2.7  | 1.8  | 1.8  | 1.8  | 1.8  | 0.9  | 1.8  | 1.8  | 1.8  | 1.8  |
| 80°   | 3.7  | 2.7  | 2.7  | 2.7  | 2.7  | 2.7  | 0.9  | 2.7  | 2.7  | 2.7  | 1.8  |
| 82.5° | 2.7  | 2.7  | 2.7  | 2.7  | 3.7  | 3.7  | 0.9  | 3.7  | 3.7  | 2.7  | 2.7  |
| 85°   | 2.7  | 2.7  | 2.7  | 3.7  | 3.7  | 4.6  | 0.9  | 3.7  | 3.7  | 3.7  | 3.7  |
| 87.5° | 2.7  | 3.7  | 3.7  | 3.7  | 4.6  | 4.6  | 1.8  | 4.6  | 4.6  | 4.6  | 3.7  |
| 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: P179269

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**CANDELA DISTRIBUTION (continued):**

|       | 160° | 165° | 170° | 175° | 180° |
|-------|------|------|------|------|------|
| 0°    | 33.8 | 33.8 | 33.8 | 33.8 | 33.8 |
| 2.5°  | 21.9 | 22.8 | 22.8 | 23.7 | 23.7 |
| 5°    | 18.3 | 18.3 | 16.4 | 16.4 | 15.5 |
| 7.5°  | 9.1  | 9.1  | 10.0 | 10.0 | 10.0 |
| 10°   | 12.8 | 13.7 | 13.7 | 13.7 | 14.6 |
| 12.5° | 11.0 | 11.9 | 12.8 | 12.8 | 12.8 |
| 15°   | 12.8 | 13.7 | 14.6 | 14.6 | 14.6 |
| 17.5° | 11.9 | 11.9 | 12.8 | 12.8 | 13.7 |
| 20°   | 13.7 | 13.7 | 13.7 | 13.7 | 13.7 |
| 22.5° | 11.9 | 11.9 | 13.7 | 14.6 | 14.6 |
| 25°   | 13.7 | 12.8 | 12.8 | 13.7 | 12.8 |
| 27.5° | 11.9 | 12.8 | 13.7 | 13.7 | 13.7 |
| 30°   | 11.9 | 11.9 | 11.9 | 11.9 | 12.8 |
| 32.5° | 11.9 | 11.9 | 11.9 | 11.9 | 11.9 |
| 35°   | 10.0 | 11.0 | 11.0 | 11.9 | 11.9 |
| 37.5° | 9.1  | 9.1  | 10.0 | 10.0 | 10.0 |
| 40°   | 7.3  | 7.3  | 7.3  | 8.2  | 8.2  |
| 42.5° | 5.5  | 5.5  | 5.5  | 6.4  | 5.5  |
| 45°   | 3.7  | 3.7  | 3.7  | 3.7  | 3.7  |
| 47.5° | 1.8  | 1.8  | 2.7  | 2.7  | 2.7  |
| 50°   | 0.9  | 0.9  | 1.8  | 1.8  | 1.8  |
| 52.5° | 0.9  | 0.9  | 0.9  | 1.8  | 1.8  |
| 55°   | 0.9  | 0.9  | 0.9  | 0.9  | 1.8  |
| 57.5° | 0.0  | 0.9  | 0.9  | 0.9  | 0.9  |
| 60°   | 0.0  | 0.9  | 0.9  | 0.9  | 0.9  |
| 62.5° | 0.0  | 0.9  | 0.9  | 0.9  | 0.9  |
| 65°   | 0.9  | 0.9  | 0.9  | 0.9  | 0.9  |
| 66°   | 0.9  | 0.9  | 0.9  | 0.9  | 0.9  |
| 67.5° | 0.9  | 0.9  | 0.9  | 0.9  | 0.9  |
| 70°   | 0.9  | 0.9  | 0.9  | 0.9  | 1.8  |
| 72.5° | 0.9  | 0.9  | 1.8  | 0.9  | 1.8  |
| 75°   | 1.8  | 1.8  | 1.8  | 1.8  | 1.8  |
| 77.5° | 1.8  | 1.8  | 1.8  | 1.8  | 1.8  |
| 80°   | 1.8  | 2.7  | 2.7  | 1.8  | 1.8  |
| 82.5° | 2.7  | 2.7  | 2.7  | 2.7  | 1.8  |
| 85°   | 2.7  | 2.7  | 3.7  | 3.7  | 1.8  |
| 87.5° | 3.7  | 3.7  | 3.7  | 3.7  | 1.8  |
| 90°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |

(END OF REPORT)