

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: P695051

Luminaire Tested: **LXF.LXT-PA16-40-727-U-T3-A**

Issue Date: 7/5/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P695051  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2306-062-17)  
Test Lab: INNOVATION CENTER  
Issue Date: 7/5/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: LXF.LXT-PA16-40-727-U-T3-A  
Description: DECORATIVE POST TOP LUMINAIRE  
(1) 70 CRI, 2700K, 740mA LIGHTSQUARE WITH 16 LEDS AND TYPE III OPTICS AND REFRACTOR PANELS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3792.9 lumens  
Efficiency: N/A  
Efficacy: 94.4 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 1.17' x L: 1.17' x H: 0.83')  
IES Classification: Type III - Medium  
BUG Rating: B1 - U3 - G2

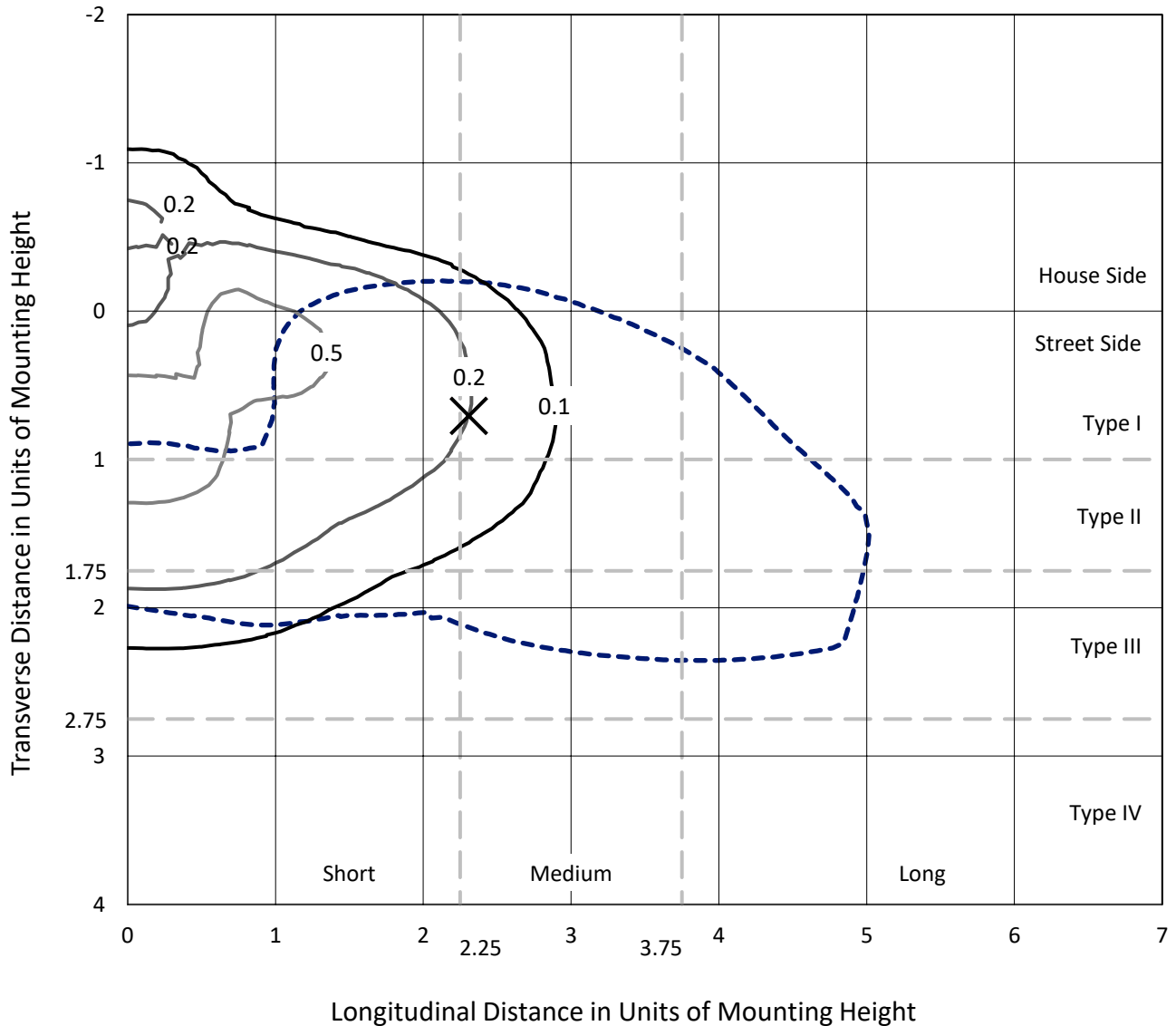
Input Watts (W): 40.2  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

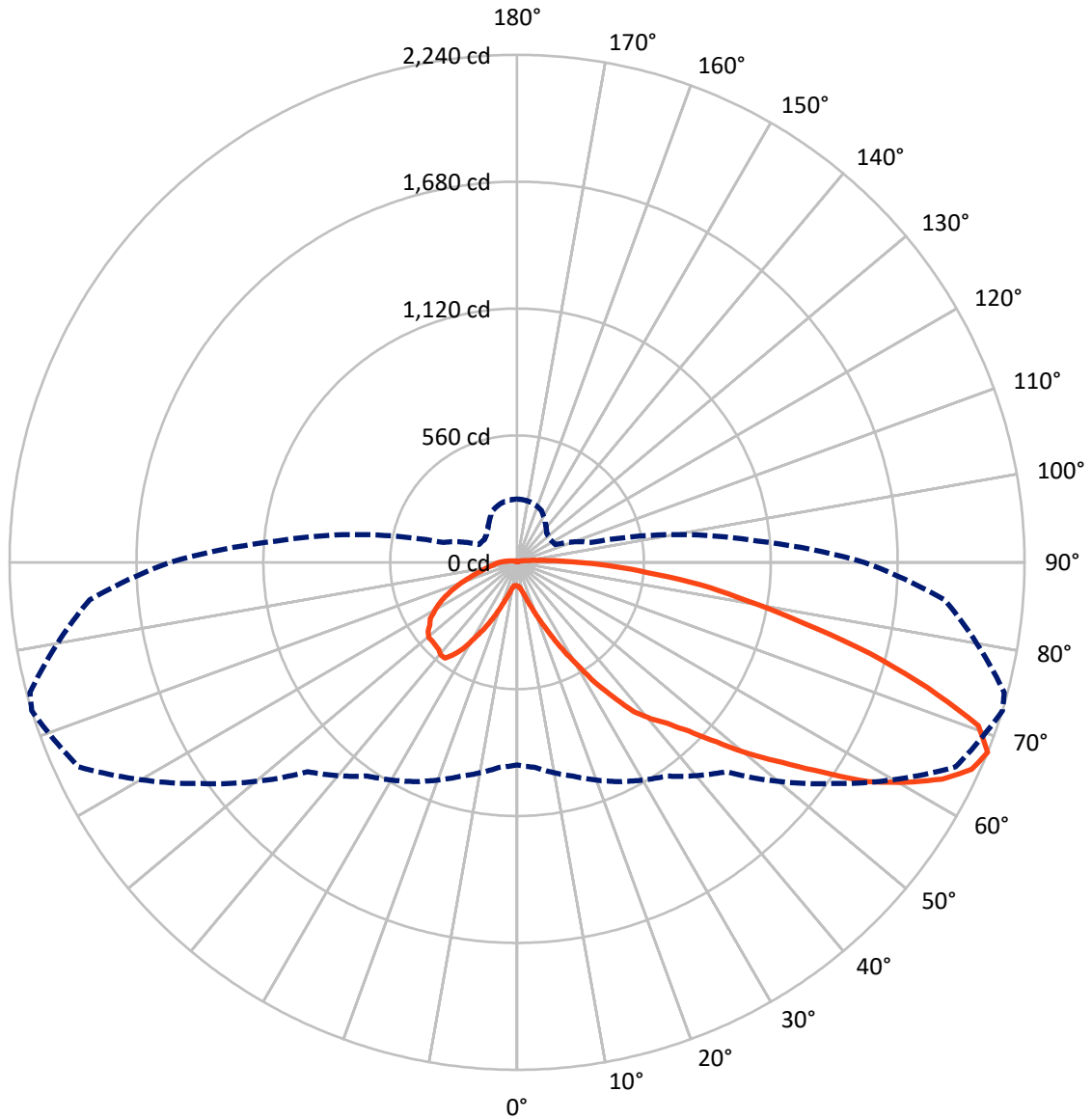
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.8 fc  
 Type III - Medium - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 73-Deg Lateral      - - - Horizontal Cone Through 67.5-Deg Vertical

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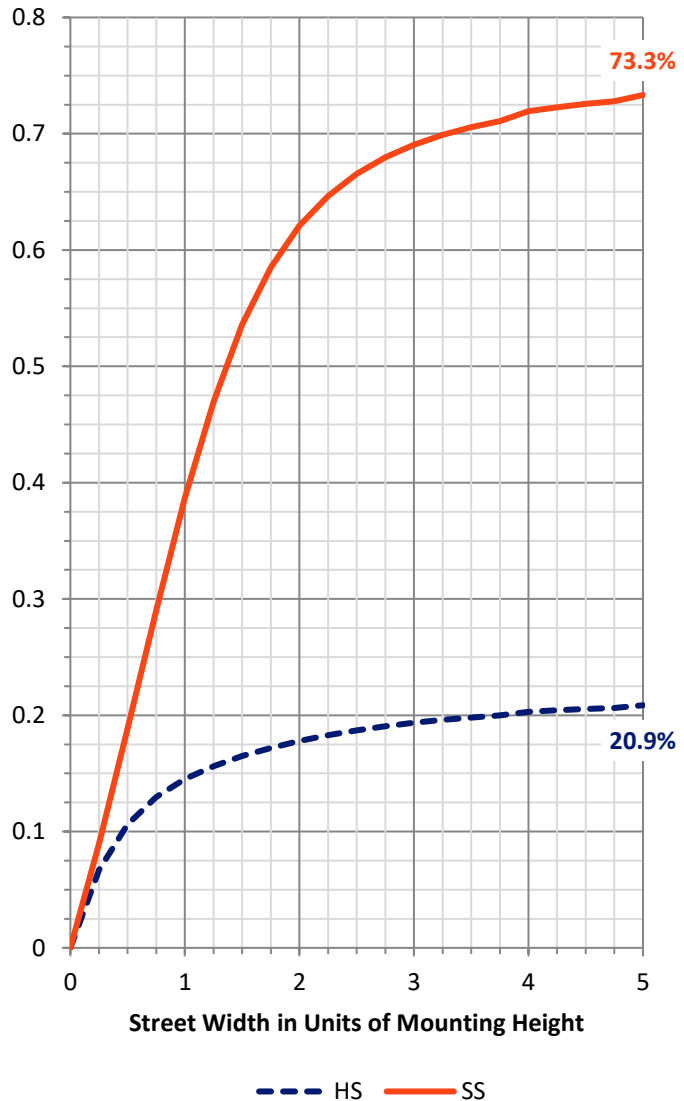
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 830.0    | 62.0   | 892.0  |
|                    | % Fixture | 21.9     | 1.6    | 23.5   |
| <b>Street Side</b> | Lumens    | 2837.4   | 63.5   | 2900.9 |
|                    | % Fixture | 74.8     | 1.7    | 76.5   |
| <b>Total</b>       | Lumens    | 3667.4   | 125.5  | 3792.9 |
|                    | % Fixture | 96.7     | 3.3    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 10.6   | 0.3       |
| 10°-20°   | 46.6   | 1.2       |
| 20°-30°   | 143.5  | 3.8       |
| 30°-40°   | 330.3  | 8.7       |
| 40°-50°   | 535.3  | 14.1      |
| 50°-60°   | 794.0  | 20.9      |
| 60°-70°   | 924.6  | 24.4      |
| 70°-80°   | 635.1  | 16.7      |
| 80°-90°   | 247.4  | 6.5       |
| 90°-100°  | 70.2   | 1.9       |
| 100°-110° | 25.6   | 0.7       |
| 110°-120° | 13.2   | 0.3       |
| 120°-130° | 8.3    | 0.2       |
| 130°-140° | 5.5    | 0.1       |
| 140°-150° | 2.5    | 0.1       |
| 150°-160° | 0.2    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 3667.4 | 96.7      |
| 0°-180°   | 3792.9 | 100.0     |

**Coefficient of Utilization**

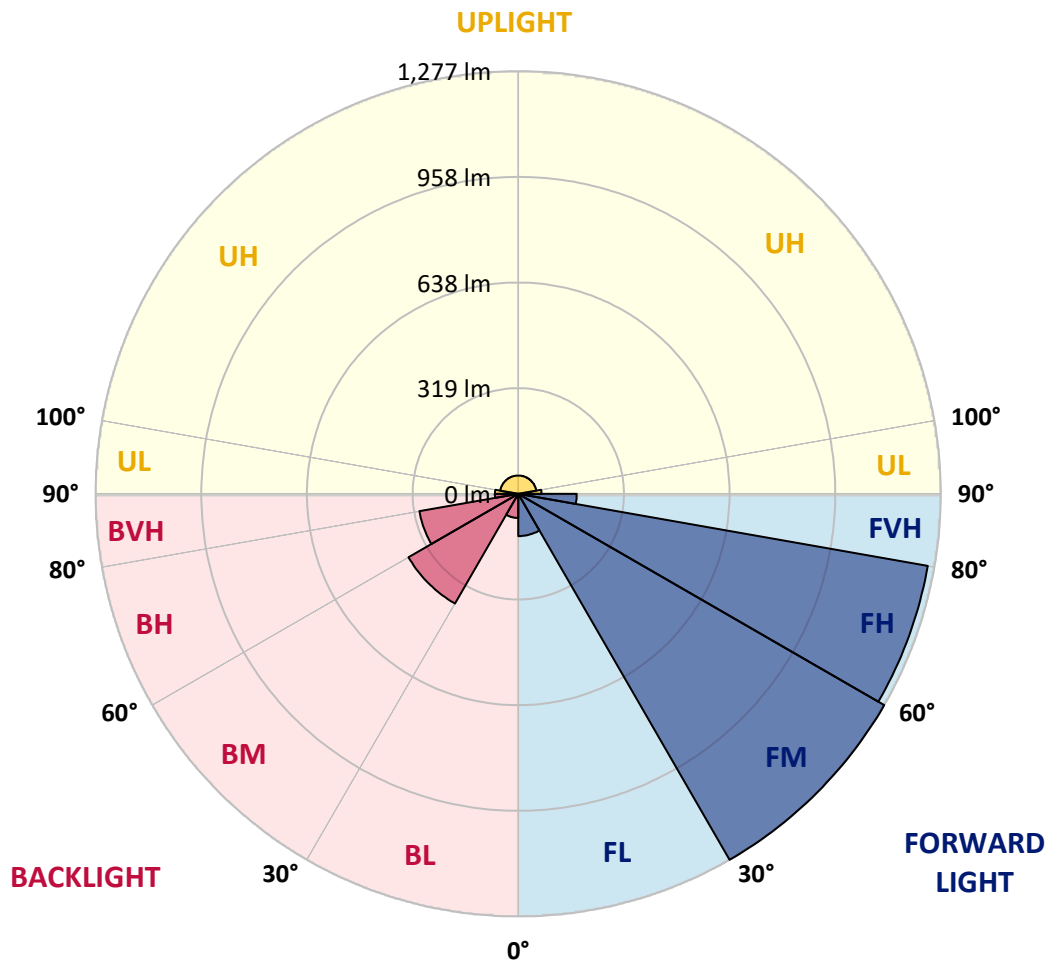


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |        |         |
|----------------|--------|-----------|-------------------------|--------|---------|
|                |        |           | B                       | U      | G       |
| FL (0°-30°)    | 127.7  | 3.4       |                         |        |         |
| FM (30°-60°)   | 1276.8 | 33.7      |                         |        |         |
| FH (60°-80°)   | 1256.3 | 33.1      |                         |        | G1/1800 |
| FVH (80°-90°)  | 176.5  | 4.7       |                         |        | G2/225  |
| BL (0°-30°)    | 73.0   | 1.9       | B0/110                  |        |         |
| BM (30°-60°)   | 382.8  | 10.1      | B1/1000                 |        |         |
| BH (60°-80°)   | 303.3  | 8.0       | B1/500                  |        | G1/500  |
| BVH (80°-90°)  | 70.9   | 1.9       |                         |        | G1/100  |
| UL (90°-100°)  | 70.2   | 1.9       |                         | U3/500 |         |
| UH (100°-180°) | 55.3   | 1.5       |                         | U3/500 |         |

**BUG Rating: B1-U3-G2**  
 Type III Medium



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 73°    | 75°    | 85°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 104.5  | 104.5  | 104.5  | 104.5  | 104.5  | 104.5  | 104.5  | 104.5  | 104.5  | 104.5  | 104.5  |
| 2.5°   | 110.0  | 111.3  | 111.3  | 111.3  | 111.3  | 110.0  | 108.6  | 107.2  | 107.2  | 105.8  | 104.5  |
| 5°     | 123.7  | 123.7  | 122.3  | 122.3  | 121.0  | 119.6  | 116.8  | 114.1  | 111.3  | 111.3  | 108.6  |
| 7.5°   | 136.1  | 137.4  | 137.4  | 134.7  | 133.3  | 130.6  | 126.4  | 122.3  | 119.6  | 118.2  | 114.1  |
| 10°    | 155.3  | 156.7  | 155.3  | 152.6  | 149.8  | 145.7  | 140.2  | 136.1  | 131.9  | 129.2  | 125.1  |
| 12.5°  | 181.4  | 181.4  | 180.1  | 174.6  | 169.1  | 164.9  | 159.4  | 155.3  | 149.8  | 149.8  | 144.3  |
| 15°    | 213.0  | 214.4  | 210.3  | 206.2  | 197.9  | 191.0  | 184.2  | 181.4  | 178.7  | 178.7  | 171.8  |
| 17.5°  | 252.9  | 254.3  | 248.8  | 237.8  | 228.2  | 222.7  | 218.5  | 214.4  | 211.7  | 211.7  | 204.8  |
| 20°    | 312.0  | 303.8  | 302.4  | 279.0  | 268.0  | 259.8  | 257.0  | 254.3  | 255.6  | 252.9  | 248.8  |
| 22.5°  | 378.0  | 372.5  | 364.2  | 336.7  | 316.1  | 303.8  | 299.6  | 301.0  | 305.1  | 305.1  | 303.8  |
| 25°    | 456.3  | 457.7  | 437.1  | 402.7  | 371.1  | 353.2  | 351.9  | 365.6  | 369.7  | 372.5  | 371.1  |
| 27.5°  | 545.7  | 551.2  | 518.2  | 481.1  | 437.1  | 406.8  | 409.6  | 432.9  | 446.7  | 448.1  | 446.7  |
| 30°    | 661.1  | 663.9  | 622.6  | 564.9  | 503.0  | 468.7  | 476.9  | 509.9  | 525.0  | 530.5  | 533.3  |
| 32.5°  | 793.1  | 793.1  | 746.3  | 670.7  | 578.6  | 530.5  | 538.8  | 596.5  | 632.2  | 630.9  | 639.1  |
| 35°    | 919.5  | 909.9  | 870.0  | 773.8  | 662.5  | 596.5  | 617.1  | 683.1  | 727.1  | 735.3  | 731.2  |
| 37.5°  | 1007.5 | 1014.3 | 977.2  | 883.8  | 747.7  | 665.2  | 694.1  | 777.9  | 835.7  | 835.7  | 824.7  |
| 40°    | 1065.2 | 1073.4 | 1039.1 | 959.4  | 831.5  | 740.8  | 772.4  | 863.1  | 907.1  | 909.9  | 870.0  |
| 42.5°  | 1127.0 | 1133.9 | 1110.5 | 1028.1 | 901.6  | 812.3  | 841.2  | 927.7  | 971.7  | 970.4  | 929.1  |
| 45°    | 1195.8 | 1205.4 | 1194.4 | 1110.5 | 971.7  | 879.6  | 904.4  | 1004.7 | 1062.4 | 1072.1 | 1018.5 |
| 47.5°  | 1279.6 | 1286.5 | 1274.1 | 1191.6 | 1050.1 | 948.4  | 986.8  | 1109.2 | 1184.8 | 1186.1 | 1124.3 |
| 50°    | 1326.3 | 1340.1 | 1359.3 | 1294.7 | 1139.4 | 1025.3 | 1084.4 | 1241.1 | 1329.1 | 1345.6 | 1263.1 |
| 52.5°  | 1355.2 | 1370.3 | 1401.9 | 1388.2 | 1252.1 | 1127.0 | 1215.0 | 1392.3 | 1467.9 | 1491.3 | 1371.7 |
| 55°    | 1403.3 | 1419.8 | 1454.2 | 1434.9 | 1340.1 | 1243.9 | 1337.3 | 1546.2 | 1634.2 | 1645.2 | 1539.4 |
| 57.5°  | 1336.0 | 1352.4 | 1445.9 | 1483.0 | 1400.6 | 1345.6 | 1467.9 | 1718.0 | 1826.6 | 1843.1 | 1696.1 |
| 60°    | 1275.5 | 1286.5 | 1348.3 | 1454.2 | 1436.3 | 1418.4 | 1608.1 | 1883.0 | 1972.3 | 1977.8 | 1789.5 |
| 62.5°  | 1162.8 | 1187.5 | 1259.0 | 1345.6 | 1393.7 | 1444.5 | 1709.8 | 2013.6 | 2107.0 | 2116.6 | 1881.6 |
| 65°    | 1006.1 | 1024.0 | 1103.7 | 1227.4 | 1285.1 | 1401.9 | 1752.4 | 2119.4 | 2204.6 | 2199.1 | 1927.0 |
| 67.5°  | 894.8  | 908.5  | 978.6  | 1067.9 | 1151.8 | 1307.1 | 1702.9 | 2135.9 | 2240.3 | 2226.6 | 1894.0 |
| 70°    | 702.3  | 718.8  | 798.5  | 938.7  | 1004.7 | 1158.7 | 1586.1 | 2069.9 | 2160.6 | 2148.2 | 1744.2 |
| 72.5°  | 559.4  | 574.5  | 650.1  | 768.3  | 879.6  | 1003.3 | 1430.8 | 1859.6 | 1895.4 | 1863.7 | 1469.3 |
| 75°    | 409.6  | 430.2  | 481.1  | 588.3  | 721.6  | 867.3  | 1205.4 | 1580.6 | 1609.5 | 1579.2 | 1193.0 |
| 77.5°  | 283.1  | 284.5  | 329.9  | 431.6  | 547.0  | 731.2  | 1000.6 | 1312.6 | 1293.3 | 1261.7 | 912.6  |
| 80°    | 181.4  | 184.2  | 213.0  | 279.0  | 397.2  | 552.5  | 808.2  | 1045.9 | 1028.1 | 1014.3 | 699.6  |
| 82.5°  | 116.8  | 112.7  | 137.4  | 182.8  | 269.4  | 401.3  | 628.1  | 838.4  | 819.2  | 786.2  | 529.2  |
| 85°    | 74.2   | 77.0   | 90.7   | 119.6  | 184.2  | 292.8  | 468.7  | 600.6  | 575.9  | 545.7  | 361.5  |
| 87.5°  | 56.4   | 57.7   | 66.0   | 85.2   | 125.1  | 206.2  | 320.2  | 417.8  | 401.3  | 372.5  | 243.3  |
| 90°    | 42.6   | 44.0   | 49.5   | 61.8   | 86.6   | 140.2  | 213.0  | 262.5  | 243.3  | 228.2  | 156.7  |
| 92.5°  | 30.2   | 31.6   | 37.1   | 46.7   | 64.6   | 97.6   | 137.4  | 153.9  | 142.9  | 137.4  | 101.7  |
| 95°    | 22.0   | 23.4   | 27.5   | 34.4   | 48.1   | 67.3   | 86.6   | 93.5   | 86.6   | 83.8   | 71.5   |
| 97.5°  | 17.9   | 19.2   | 20.6   | 26.1   | 37.1   | 49.5   | 59.1   | 60.5   | 59.1   | 56.4   | 53.6   |
| 100°   | 15.1   | 15.1   | 17.9   | 20.6   | 28.9   | 39.9   | 44.0   | 44.0   | 44.0   | 44.0   | 41.2   |
| 102.5° | 12.4   | 12.4   | 15.1   | 17.9   | 23.4   | 31.6   | 34.4   | 34.4   | 33.0   | 34.4   | 33.0   |
| 105°   | 11.0   | 11.0   | 12.4   | 15.1   | 20.6   | 26.1   | 27.5   | 26.1   | 26.1   | 26.1   | 26.1   |
| 107.5° | 9.6    | 9.6    | 11.0   | 13.7   | 17.9   | 22.0   | 23.4   | 22.0   | 20.6   | 20.6   | 22.0   |
| 110°   | 8.2    | 8.2    | 9.6    | 11.0   | 15.1   | 19.2   | 19.2   | 16.5   | 16.5   | 16.5   | 17.9   |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°  | 5°  | 15° | 25°  | 35°  | 45°  | 55°  | 65°  | 73°  | 75°  | 85°  |
|--------|-----|-----|-----|------|------|------|------|------|------|------|------|
| 112.5° | 8.2 | 8.2 | 9.6 | 11.0 | 13.7 | 16.5 | 15.1 | 13.7 | 13.7 | 13.7 | 15.1 |
| 115°   | 8.2 | 8.2 | 8.2 | 9.6  | 12.4 | 13.7 | 13.7 | 12.4 | 11.0 | 12.4 | 13.7 |
| 117.5° | 8.2 | 8.2 | 8.2 | 9.6  | 11.0 | 12.4 | 12.4 | 11.0 | 9.6  | 11.0 | 12.4 |
| 120°   | 8.2 | 8.2 | 8.2 | 9.6  | 11.0 | 11.0 | 11.0 | 9.6  | 9.6  | 9.6  | 11.0 |
| 122.5° | 6.9 | 6.9 | 8.2 | 8.2  | 9.6  | 9.6  | 9.6  | 8.2  | 8.2  | 8.2  | 11.0 |
| 125°   | 6.9 | 6.9 | 8.2 | 8.2  | 9.6  | 9.6  | 8.2  | 8.2  | 8.2  | 8.2  | 9.6  |
| 127.5° | 8.2 | 8.2 | 8.2 | 8.2  | 8.2  | 8.2  | 8.2  | 6.9  | 8.2  | 8.2  | 9.6  |
| 130°   | 8.2 | 8.2 | 8.2 | 8.2  | 8.2  | 8.2  | 6.9  | 6.9  | 8.2  | 8.2  | 9.6  |
| 132.5° | 8.2 | 8.2 | 8.2 | 8.2  | 8.2  | 6.9  | 6.9  | 6.9  | 6.9  | 8.2  | 8.2  |
| 135°   | 8.2 | 8.2 | 8.2 | 8.2  | 6.9  | 6.9  | 5.5  | 6.9  | 6.9  | 6.9  | 8.2  |
| 137.5° | 6.9 | 6.9 | 6.9 | 6.9  | 6.9  | 5.5  | 5.5  | 5.5  | 5.5  | 6.9  | 6.9  |
| 140°   | 6.9 | 5.5 | 5.5 | 5.5  | 5.5  | 5.5  | 4.1  | 4.1  | 5.5  | 5.5  | 6.9  |
| 142.5° | 5.5 | 5.5 | 5.5 | 5.5  | 4.1  | 4.1  | 4.1  | 4.1  | 4.1  | 5.5  | 5.5  |
| 145°   | 4.1 | 4.1 | 4.1 | 4.1  | 4.1  | 2.7  | 2.7  | 2.7  | 4.1  | 4.1  | 4.1  |
| 147.5° | 4.1 | 2.7 | 4.1 | 2.7  | 2.7  | 2.7  | 2.7  | 2.7  | 2.7  | 2.7  | 4.1  |
| 150°   | 2.7 | 2.7 | 2.7 | 2.7  | 2.7  | 2.7  | 2.7  | 2.7  | 2.7  | 2.7  | 2.7  |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 155°   | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 160°   | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 165°   | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 170°   | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 175°   | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 180°   | 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):**

|        | 90°    | 95°    | 105°  | 115°  | 125°  | 135°  | 145°  | 155°  | 165°  | 175°  | 180°  |
|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 104.5  | 104.5  | 104.5 | 104.5 | 104.5 | 104.5 | 104.5 | 104.5 | 104.5 | 104.5 | 104.5 |
| 2.5°   | 104.5  | 103.1  | 103.1 | 101.7 | 100.3 | 100.3 | 99.0  | 99.0  | 99.0  | 99.0  | 97.6  |
| 5°     | 107.2  | 105.8  | 103.1 | 100.3 | 97.6  | 96.2  | 94.8  | 93.5  | 92.1  | 92.1  | 92.1  |
| 7.5°   | 111.3  | 110.0  | 105.8 | 101.7 | 97.6  | 93.5  | 90.7  | 89.3  | 88.0  | 86.6  | 86.6  |
| 10°    | 122.3  | 118.2  | 111.3 | 104.5 | 99.0  | 93.5  | 89.3  | 86.6  | 85.2  | 83.8  | 83.8  |
| 12.5°  | 137.4  | 136.1  | 125.1 | 114.1 | 104.5 | 96.2  | 90.7  | 89.3  | 88.0  | 88.0  | 86.6  |
| 15°    | 166.3  | 160.8  | 148.4 | 130.6 | 115.5 | 103.1 | 99.0  | 97.6  | 100.3 | 100.3 | 101.7 |
| 17.5°  | 197.9  | 191.0  | 174.6 | 152.6 | 131.9 | 118.2 | 112.7 | 114.1 | 116.8 | 119.6 | 119.6 |
| 20°    | 239.2  | 232.3  | 210.3 | 178.7 | 153.9 | 137.4 | 130.6 | 130.6 | 136.1 | 140.2 | 140.2 |
| 22.5°  | 295.5  | 283.1  | 251.5 | 208.9 | 175.9 | 156.7 | 147.1 | 145.7 | 152.6 | 156.7 | 156.7 |
| 25°    | 361.5  | 343.6  | 302.4 | 246.0 | 199.3 | 171.8 | 160.8 | 162.2 | 170.4 | 177.3 | 177.3 |
| 27.5°  | 430.2  | 411.0  | 353.2 | 280.4 | 221.3 | 182.8 | 173.2 | 178.7 | 189.7 | 196.5 | 197.9 |
| 30°    | 514.0  | 487.9  | 406.8 | 314.7 | 237.8 | 192.4 | 182.8 | 191.0 | 204.8 | 214.4 | 215.8 |
| 32.5°  | 608.9  | 575.9  | 474.2 | 349.1 | 250.1 | 197.9 | 188.3 | 204.8 | 221.3 | 235.0 | 235.0 |
| 35°    | 699.6  | 655.6  | 523.7 | 375.2 | 257.0 | 199.3 | 193.8 | 214.4 | 233.7 | 246.0 | 246.0 |
| 37.5°  | 780.7  | 724.3  | 564.9 | 389.0 | 257.0 | 199.3 | 195.2 | 218.5 | 236.4 | 244.7 | 243.3 |
| 40°    | 812.3  | 744.9  | 566.3 | 382.1 | 252.9 | 196.5 | 193.8 | 215.8 | 229.5 | 232.3 | 229.5 |
| 42.5°  | 860.4  | 777.9  | 556.6 | 358.7 | 239.2 | 192.4 | 189.7 | 206.2 | 214.4 | 214.4 | 211.7 |
| 45°    | 934.6  | 828.8  | 558.0 | 335.4 | 224.0 | 184.2 | 182.8 | 197.9 | 207.5 | 210.3 | 207.5 |
| 47.5°  | 1025.3 | 892.0  | 559.4 | 314.7 | 210.3 | 177.3 | 178.7 | 196.5 | 206.2 | 203.4 | 202.0 |
| 50°    | 1144.9 | 975.9  | 566.3 | 295.5 | 202.0 | 171.8 | 178.7 | 197.9 | 204.8 | 199.3 | 196.5 |
| 52.5°  | 1232.9 | 1025.3 | 553.9 | 277.6 | 196.5 | 170.4 | 181.4 | 200.7 | 204.8 | 196.5 | 196.5 |
| 55°    | 1362.1 | 1094.1 | 527.8 | 254.3 | 191.0 | 171.8 | 184.2 | 203.4 | 204.8 | 197.9 | 196.5 |
| 57.5°  | 1476.1 | 1155.9 | 512.7 | 233.7 | 185.5 | 174.6 | 188.3 | 207.5 | 210.3 | 206.2 | 204.8 |
| 60°    | 1528.4 | 1171.0 | 472.8 | 219.9 | 181.4 | 177.3 | 193.8 | 214.4 | 224.0 | 221.3 | 222.7 |
| 62.5°  | 1591.6 | 1173.8 | 434.3 | 207.5 | 180.1 | 180.1 | 200.7 | 228.2 | 240.5 | 240.5 | 241.9 |
| 65°    | 1587.5 | 1138.0 | 389.0 | 196.5 | 178.7 | 182.8 | 208.9 | 240.5 | 255.6 | 259.8 | 261.1 |
| 67.5°  | 1532.5 | 1067.9 | 339.5 | 185.5 | 175.9 | 184.2 | 215.8 | 252.9 | 270.8 | 277.6 | 279.0 |
| 70°    | 1362.1 | 937.4  | 290.0 | 175.9 | 170.4 | 181.4 | 217.2 | 259.8 | 277.6 | 284.5 | 285.9 |
| 72.5°  | 1117.4 | 743.6  | 236.4 | 162.2 | 160.8 | 173.2 | 211.7 | 255.6 | 269.4 | 272.1 | 274.9 |
| 75°    | 892.0  | 589.6  | 196.5 | 147.1 | 147.1 | 159.4 | 196.5 | 235.0 | 244.7 | 247.4 | 243.3 |
| 77.5°  | 668.0  | 446.7  | 163.6 | 133.3 | 133.3 | 145.7 | 177.3 | 207.5 | 215.8 | 214.4 | 215.8 |
| 80°    | 505.8  | 338.1  | 138.8 | 119.6 | 119.6 | 129.2 | 158.1 | 184.2 | 191.0 | 188.3 | 186.9 |
| 82.5°  | 379.3  | 252.9  | 121.0 | 107.2 | 107.2 | 115.5 | 137.4 | 159.4 | 164.9 | 164.9 | 160.8 |
| 85°    | 259.8  | 181.4  | 105.8 | 94.8  | 94.8  | 101.7 | 118.2 | 134.7 | 142.9 | 141.6 | 138.8 |
| 87.5°  | 181.4  | 137.4  | 93.5  | 85.2  | 83.8  | 89.3  | 101.7 | 116.8 | 126.4 | 127.8 | 125.1 |
| 90°    | 125.1  | 103.1  | 81.1  | 72.8  | 72.8  | 77.0  | 88.0  | 100.3 | 110.0 | 111.3 | 108.6 |
| 92.5°  | 88.0   | 78.3   | 67.3  | 61.8  | 60.5  | 66.0  | 72.8  | 81.1  | 86.6  | 86.6  | 88.0  |
| 95°    | 64.6   | 60.5   | 53.6  | 48.1  | 48.1  | 53.6  | 57.7  | 59.1  | 63.2  | 63.2  | 61.8  |
| 97.5°  | 49.5   | 48.1   | 44.0  | 38.5  | 37.1  | 42.6  | 44.0  | 45.4  | 48.1  | 46.7  | 45.4  |
| 100°   | 41.2   | 39.9   | 35.7  | 31.6  | 30.2  | 34.4  | 35.7  | 37.1  | 39.9  | 37.1  | 37.1  |
| 102.5° | 33.0   | 33.0   | 30.2  | 26.1  | 26.1  | 28.9  | 30.2  | 31.6  | 33.0  | 31.6  | 30.2  |
| 105°   | 27.5   | 27.5   | 26.1  | 23.4  | 22.0  | 24.7  | 26.1  | 26.1  | 27.5  | 26.1  | 26.1  |
| 107.5° | 22.0   | 23.4   | 22.0  | 19.2  | 19.2  | 20.6  | 22.0  | 22.0  | 22.0  | 22.0  | 22.0  |
| 110°   | 19.2   | 19.2   | 19.2  | 16.5  | 17.9  | 19.2  | 19.2  | 19.2  | 19.2  | 19.2  | 19.2  |

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**CANDELA DISTRIBUTION (continued):**

|        | 90°  | 95°  | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 16.5 | 16.5 | 16.5 | 15.1 | 15.1 | 16.5 | 16.5 | 16.5 | 16.5 | 16.5 | 16.5 |
| 115°   | 15.1 | 15.1 | 15.1 | 13.7 | 13.7 | 15.1 | 13.7 | 13.7 | 13.7 | 15.1 | 15.1 |
| 117.5° | 13.7 | 13.7 | 13.7 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 13.7 | 13.7 |
| 120°   | 12.4 | 12.4 | 12.4 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 12.4 | 12.4 |
| 122.5° | 11.0 | 11.0 | 11.0 | 11.0 | 9.6  | 11.0 | 9.6  | 9.6  | 9.6  | 11.0 | 11.0 |
| 125°   | 9.6  | 11.0 | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 11.0 |
| 127.5° | 9.6  | 9.6  | 9.6  | 9.6  | 8.2  | 8.2  | 8.2  | 8.2  | 8.2  | 9.6  | 9.6  |
| 130°   | 9.6  | 9.6  | 9.6  | 8.2  | 8.2  | 8.2  | 6.9  | 6.9  | 8.2  | 8.2  | 9.6  |
| 132.5° | 9.6  | 9.6  | 8.2  | 8.2  | 6.9  | 6.9  | 6.9  | 6.9  | 8.2  | 8.2  | 8.2  |
| 135°   | 8.2  | 8.2  | 8.2  | 6.9  | 6.9  | 6.9  | 5.5  | 6.9  | 6.9  | 8.2  | 8.2  |
| 137.5° | 6.9  | 6.9  | 6.9  | 6.9  | 5.5  | 5.5  | 5.5  | 5.5  | 6.9  | 6.9  | 6.9  |
| 140°   | 6.9  | 6.9  | 5.5  | 5.5  | 5.5  | 4.1  | 4.1  | 5.5  | 5.5  | 6.9  | 6.9  |
| 142.5° | 5.5  | 5.5  | 5.5  | 4.1  | 4.1  | 4.1  | 4.1  | 4.1  | 5.5  | 5.5  | 5.5  |
| 145°   | 4.1  | 4.1  | 4.1  | 4.1  | 2.7  | 2.7  | 4.1  | 4.1  | 4.1  | 5.5  | 5.5  |
| 147.5° | 4.1  | 4.1  | 4.1  | 2.7  | 2.7  | 2.7  | 2.7  | 4.1  | 4.1  | 4.1  | 4.1  |
| 150°   | 2.7  | 2.7  | 2.7  | 2.7  | 1.4  | 1.4  | 2.7  | 2.7  | 4.1  | 4.1  | 4.1  |
| 152.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 155°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 157.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 160°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 162.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 165°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 167.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 170°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 172.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 175°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 177.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 180°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |

(END OF REPORT)