

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: P695756

Luminaire Tested: **LXF.LXT-PA16-60-827-U-SL3-A**

Issue Date: 7/5/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P695756  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2306-062-27)  
Test Lab: INNOVATION CENTER  
Issue Date: 7/5/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: LXF.LXT-PA16-60-827-U-SL3-A  
Description: DECORATIVE POST TOP LUMINAIRE  
(1) 80 CRI, 2700K, 1160mA LIGHTSQUARE WITH 16 LEDS AND TYPE III SPILL  
LIGHT ELIMINATOR OPTICS AND REFRACTOR PANELS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4642 lumens  
Efficiency: N/A  
Efficacy: 74.9 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 - G3

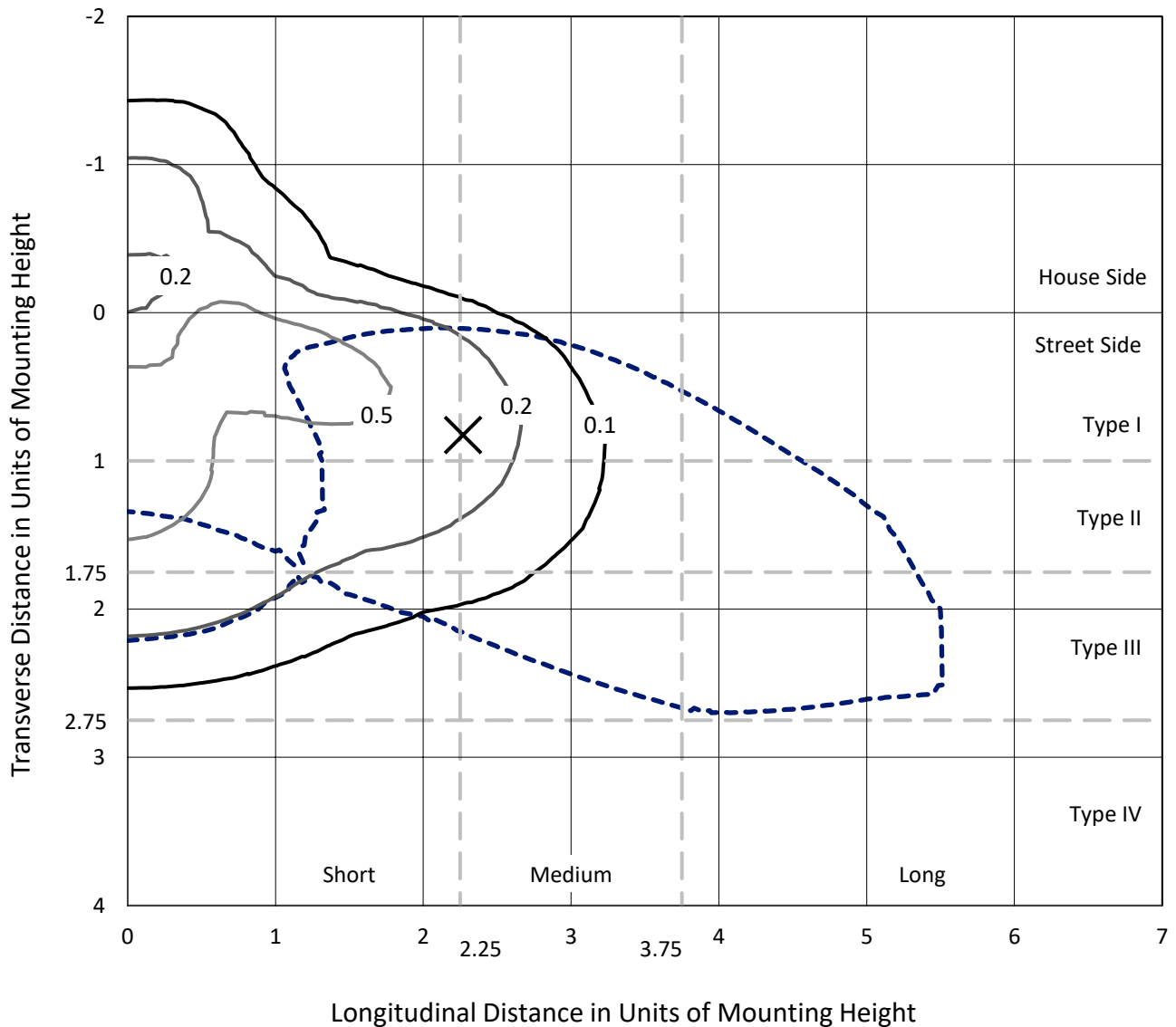
Input Watts (W): 62  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

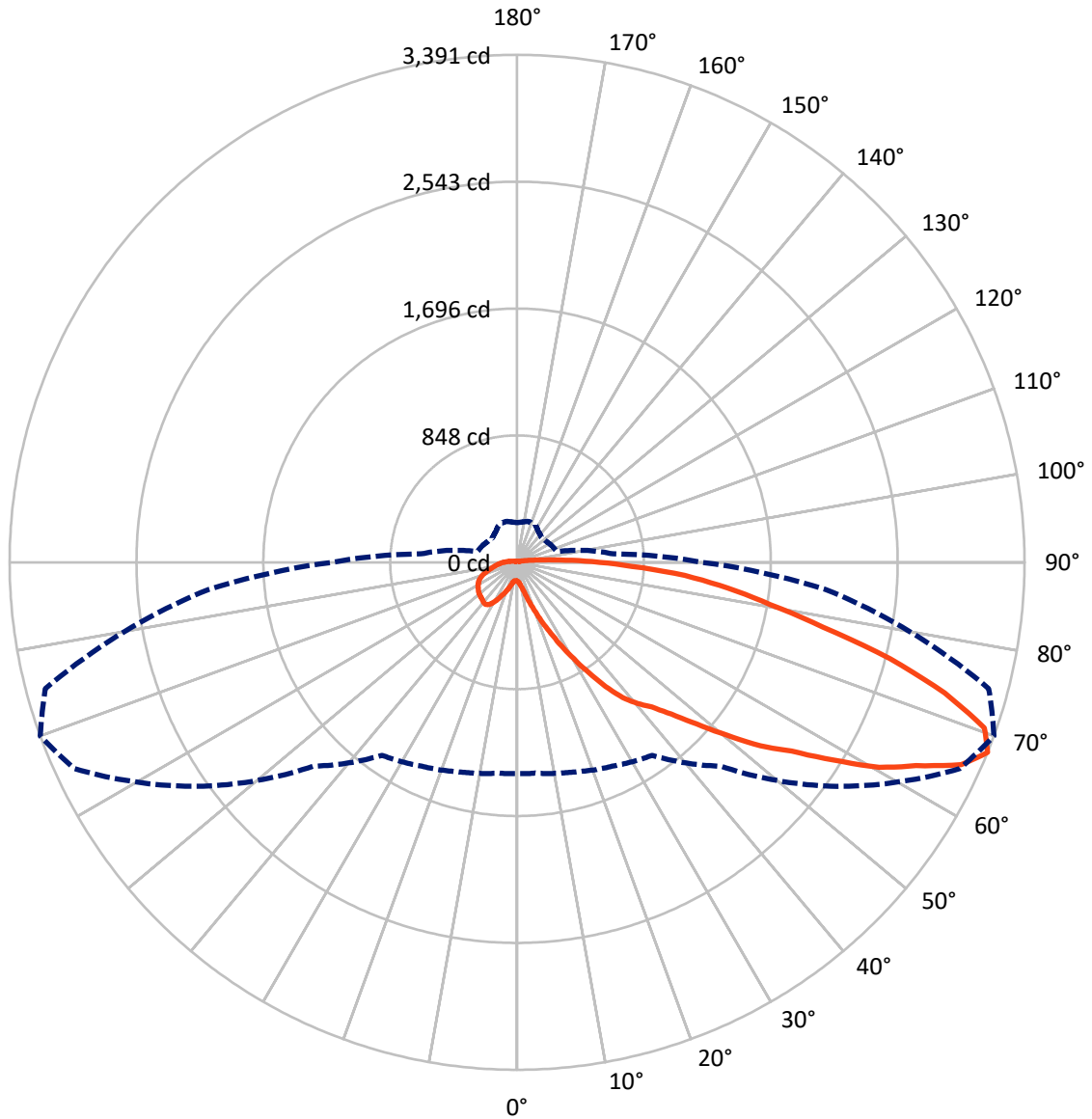
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.9 fc  
 Type III - Medium - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 70-Deg Lateral    - - - Horizontal Cone Through 67.5-Deg Vertical

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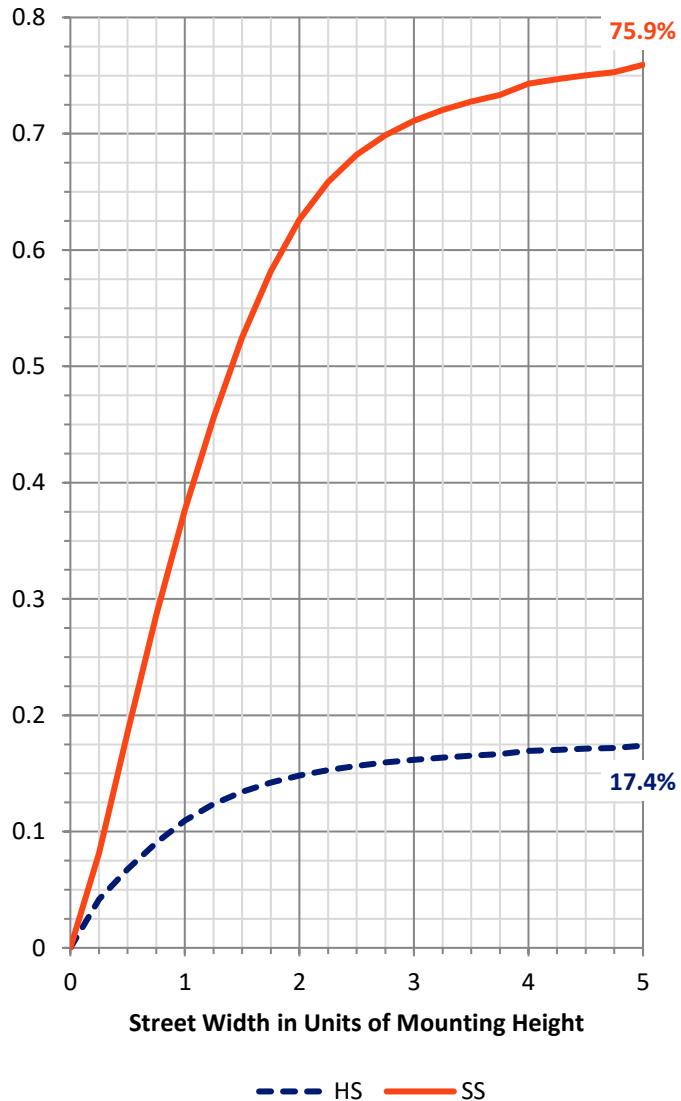
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 847.9    | 75.8   | 923.7  |
|                    | % Fixture | 18.3     | 1.6    | 19.9   |
| <b>Street Side</b> | Lumens    | 3621.6   | 96.7   | 3718.3 |
|                    | % Fixture | 78.0     | 2.1    | 80.1   |
| <b>Total</b>       | Lumens    | 4469.5   | 172.5  | 4642.0 |
|                    | % Fixture | 96.3     | 3.7    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 12.9   | 0.3       |
| 10°-20°   | 56.6   | 1.2       |
| 20°-30°   | 167.4  | 3.6       |
| 30°-40°   | 365.9  | 7.9       |
| 40°-50°   | 575.9  | 12.4      |
| 50°-60°   | 890.6  | 19.2      |
| 60°-70°   | 1190.3 | 25.6      |
| 70°-80°   | 842.2  | 18.1      |
| 80°-90°   | 367.8  | 7.9       |
| 90°-100°  | 103.5  | 2.2       |
| 100°-110° | 33.2   | 0.7       |
| 110°-120° | 16.2   | 0.3       |
| 120°-130° | 9.9    | 0.2       |
| 130°-140° | 6.5    | 0.1       |
| 140°-150° | 3.1    | 0.1       |
| 150°-160° | 0.2    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 4469.5 | 96.3      |
| 0°-180°   | 4642.0 | 100.0     |

**Coefficient of Utilization**

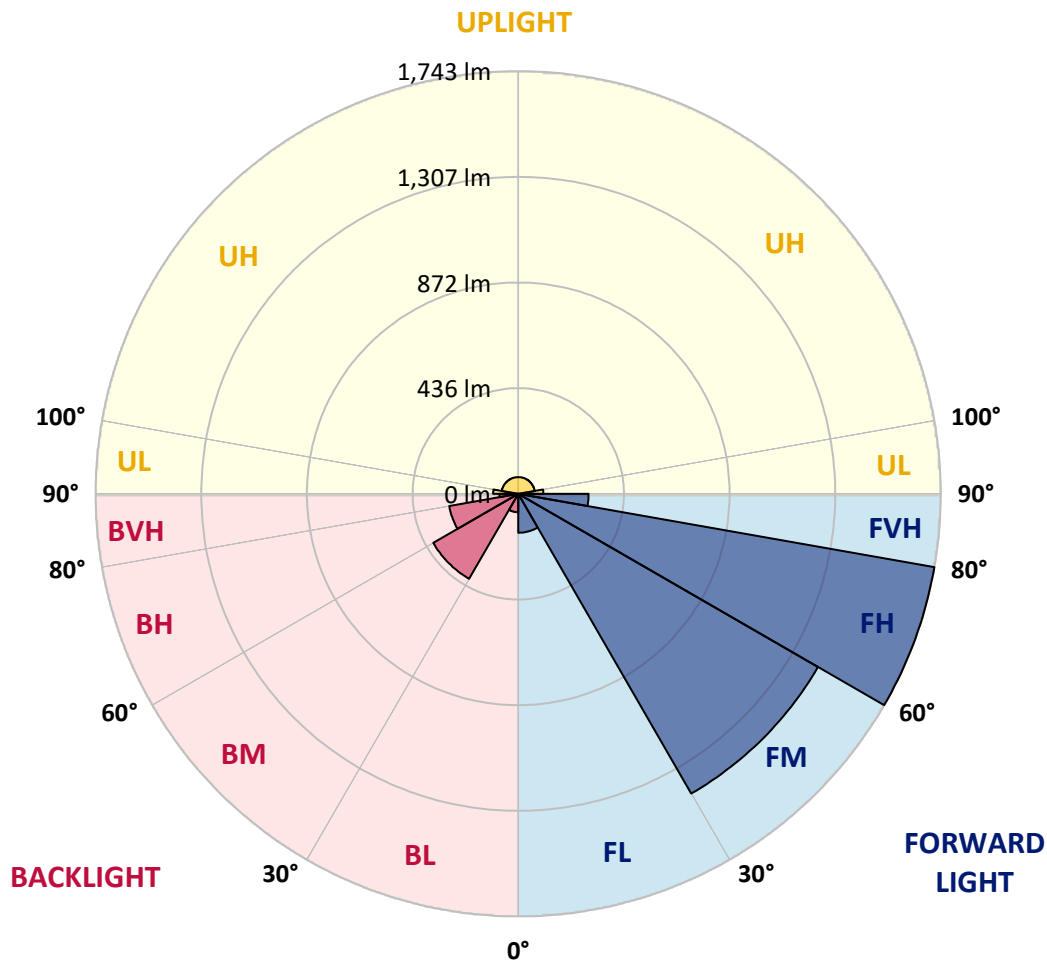


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |        |         |
|----------------|--------|-----------|-------------------------|--------|---------|
|                |        |           | B                       | U      | G       |
| FL (0°-30°)    | 160.7  | 3.5       |                         |        |         |
| FM (30°-60°)   | 1427.5 | 30.8      |                         |        |         |
| FH (60°-80°)   | 1743.3 | 37.6      |                         |        | G1/1800 |
| FVH (80°-90°)  | 290.1  | 6.2       |                         |        | G3/500  |
| BL (0°-30°)    | 76.2   | 1.6       | B0/110                  |        |         |
| BM (30°-60°)   | 404.9  | 8.7       | B1/1000                 |        |         |
| BH (60°-80°)   | 289.2  | 6.2       | B1/500                  |        | G1/500  |
| BVH (80°-90°)  | 77.7   | 1.7       |                         |        | G1/100  |
| UL (90°-100°)  | 103.5  | 2.2       |                         | U3/500 |         |
| UH (100°-180°) | 69.0   | 1.5       |                         | U3/500 |         |

**BUG Rating: B1-U3-G3**  
 Type III Medium



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 70°    | 75°    | 85°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 126.3  | 126.3  | 126.3  | 126.3  | 126.3  | 126.3  | 126.3  | 126.3  | 126.3  | 126.3  | 126.3  |
| 2.5°   | 133.3  | 133.3  | 135.1  | 133.3  | 133.3  | 133.3  | 131.6  | 129.8  | 128.1  | 128.1  | 126.3  |
| 5°     | 147.4  | 147.4  | 147.4  | 147.4  | 145.6  | 143.9  | 142.1  | 138.6  | 136.8  | 135.1  | 131.6  |
| 7.5°   | 164.9  | 164.9  | 164.9  | 164.9  | 163.2  | 161.4  | 156.1  | 150.9  | 149.1  | 147.4  | 140.4  |
| 10°    | 191.2  | 191.2  | 191.2  | 187.7  | 186.0  | 182.5  | 177.2  | 171.9  | 168.4  | 164.9  | 154.4  |
| 12.5°  | 226.3  | 224.6  | 224.6  | 221.1  | 214.0  | 207.0  | 205.3  | 200.0  | 196.5  | 193.0  | 180.7  |
| 15°    | 270.2  | 270.2  | 270.2  | 261.4  | 254.4  | 247.4  | 245.6  | 240.4  | 240.4  | 235.1  | 219.3  |
| 17.5°  | 319.3  | 319.3  | 312.3  | 303.5  | 298.2  | 294.7  | 296.5  | 294.7  | 293.0  | 286.0  | 264.9  |
| 20°    | 373.7  | 371.9  | 363.2  | 350.9  | 343.9  | 347.4  | 352.6  | 357.9  | 356.1  | 347.4  | 317.5  |
| 22.5°  | 443.9  | 440.4  | 424.6  | 407.0  | 391.2  | 396.5  | 414.0  | 431.6  | 436.8  | 422.8  | 386.0  |
| 25°    | 519.3  | 519.3  | 496.5  | 470.2  | 450.9  | 449.1  | 473.7  | 522.8  | 526.3  | 524.6  | 471.9  |
| 27.5°  | 619.3  | 614.0  | 582.5  | 543.9  | 507.0  | 508.8  | 547.4  | 612.3  | 633.3  | 631.6  | 561.4  |
| 30°    | 728.1  | 726.3  | 689.5  | 633.3  | 570.2  | 561.4  | 624.6  | 722.8  | 749.1  | 759.6  | 664.9  |
| 32.5°  | 812.3  | 821.1  | 775.4  | 721.1  | 638.6  | 615.8  | 694.7  | 826.3  | 878.9  | 882.5  | 761.4  |
| 35°    | 907.0  | 907.0  | 863.2  | 794.7  | 698.2  | 668.4  | 766.7  | 938.6  | 1019.3 | 1026.3 | 859.6  |
| 37.5°  | 945.6  | 957.9  | 924.6  | 859.6  | 754.4  | 714.0  | 840.4  | 1064.9 | 1147.4 | 1171.9 | 931.6  |
| 40°    | 996.5  | 1007.0 | 970.2  | 900.0  | 800.0  | 761.4  | 903.5  | 1159.6 | 1240.4 | 1252.6 | 954.4  |
| 42.5°  | 1094.7 | 1103.5 | 1049.1 | 950.9  | 838.6  | 801.8  | 949.1  | 1222.8 | 1321.1 | 1340.4 | 993.0  |
| 45°    | 1194.7 | 1203.5 | 1154.4 | 1038.6 | 887.7  | 840.4  | 993.0  | 1326.3 | 1445.6 | 1463.2 | 1050.9 |
| 47.5°  | 1329.8 | 1333.3 | 1268.4 | 1136.8 | 961.4  | 886.0  | 1059.6 | 1464.9 | 1614.0 | 1635.1 | 1129.8 |
| 50°    | 1477.2 | 1482.5 | 1398.2 | 1250.9 | 1045.6 | 963.2  | 1154.4 | 1622.8 | 1814.0 | 1847.4 | 1243.9 |
| 52.5°  | 1624.6 | 1608.8 | 1533.3 | 1380.7 | 1157.9 | 1056.1 | 1264.9 | 1824.6 | 2036.8 | 2056.1 | 1349.1 |
| 55°    | 1791.2 | 1766.7 | 1671.9 | 1496.5 | 1282.5 | 1175.4 | 1436.8 | 2019.3 | 2226.3 | 2240.4 | 1464.9 |
| 57.5°  | 1964.9 | 1942.1 | 1821.1 | 1624.6 | 1408.8 | 1345.6 | 1626.3 | 2233.3 | 2491.2 | 2528.1 | 1642.1 |
| 60°    | 1994.7 | 1982.5 | 1894.7 | 1743.9 | 1549.1 | 1529.8 | 1857.9 | 2515.8 | 2782.5 | 2784.2 | 1791.2 |
| 62.5°  | 1957.9 | 1952.6 | 1871.9 | 1768.4 | 1656.1 | 1721.1 | 2166.7 | 2784.2 | 2993.0 | 2973.7 | 1924.6 |
| 65°    | 1780.7 | 1761.4 | 1761.4 | 1710.5 | 1684.2 | 1894.7 | 2438.6 | 3038.6 | 3261.4 | 3201.8 | 2050.9 |
| 67.5°  | 1412.3 | 1414.0 | 1450.9 | 1503.5 | 1573.7 | 1926.3 | 2610.5 | 3263.2 | 3391.2 | 3263.2 | 2064.9 |
| 70°    | 994.7  | 1021.1 | 1100.0 | 1217.5 | 1356.1 | 1784.2 | 2619.3 | 3236.8 | 3312.3 | 3186.0 | 1973.7 |
| 72.5°  | 728.1  | 707.0  | 768.4  | 875.4  | 1084.2 | 1535.1 | 2394.7 | 2986.0 | 2989.5 | 2803.5 | 1708.8 |
| 75°    | 493.0  | 494.7  | 538.6  | 631.6  | 787.7  | 1249.1 | 2080.7 | 2586.0 | 2575.4 | 2361.4 | 1424.6 |
| 77.5°  | 328.1  | 331.6  | 371.9  | 445.6  | 593.0  | 1001.8 | 1740.4 | 2138.6 | 2091.2 | 1945.6 | 1142.1 |
| 80°    | 224.6  | 233.3  | 256.1  | 308.8  | 431.6  | 793.0  | 1428.1 | 1754.4 | 1715.8 | 1575.4 | 921.1  |
| 82.5°  | 161.4  | 163.2  | 186.0  | 226.3  | 308.8  | 607.0  | 1163.2 | 1471.9 | 1419.3 | 1268.4 | 735.1  |
| 85°    | 122.8  | 122.8  | 138.6  | 166.7  | 222.8  | 463.2  | 928.1  | 1171.9 | 1124.6 | 980.7  | 549.1  |
| 87.5°  | 89.5   | 91.2   | 101.8  | 126.3  | 164.9  | 350.9  | 712.3  | 842.1  | 766.7  | 677.2  | 377.2  |
| 90°    | 57.9   | 61.4   | 68.4   | 91.2   | 122.8  | 249.1  | 496.5  | 550.9  | 500.0  | 419.3  | 243.9  |
| 92.5°  | 36.8   | 36.8   | 43.9   | 61.4   | 89.5   | 170.2  | 312.3  | 326.3  | 282.5  | 256.1  | 149.1  |
| 95°    | 24.6   | 26.3   | 31.6   | 42.1   | 63.2   | 115.8  | 187.7  | 189.5  | 166.7  | 140.4  | 94.7   |
| 97.5°  | 21.1   | 21.1   | 24.6   | 31.6   | 47.4   | 78.9   | 110.5  | 107.0  | 96.5   | 86.0   | 66.7   |
| 100°   | 17.5   | 17.5   | 21.1   | 26.3   | 38.6   | 57.9   | 70.2   | 68.4   | 63.2   | 61.4   | 52.6   |
| 102.5° | 15.8   | 15.8   | 17.5   | 22.8   | 31.6   | 45.6   | 50.9   | 47.4   | 45.6   | 45.6   | 40.4   |
| 105°   | 14.0   | 14.0   | 15.8   | 19.3   | 26.3   | 36.8   | 38.6   | 35.1   | 35.1   | 33.3   | 31.6   |
| 107.5° | 12.3   | 12.3   | 14.0   | 15.8   | 22.8   | 29.8   | 29.8   | 26.3   | 26.3   | 26.3   | 26.3   |
| 110°   | 12.3   | 12.3   | 12.3   | 14.0   | 19.3   | 24.6   | 24.6   | 21.1   | 21.1   | 19.3   | 21.1   |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°   | 5°   | 15°  | 25°  | 35°  | 45°  | 55°  | 65°  | 70°  | 75°  | 85°  |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 10.5 | 10.5 | 10.5 | 14.0 | 17.5 | 21.1 | 19.3 | 17.5 | 15.8 | 15.8 | 17.5 |
| 115°   | 10.5 | 8.8  | 10.5 | 12.3 | 15.8 | 17.5 | 17.5 | 14.0 | 14.0 | 14.0 | 15.8 |
| 117.5° | 8.8  | 8.8  | 8.8  | 10.5 | 14.0 | 15.8 | 14.0 | 12.3 | 12.3 | 12.3 | 14.0 |
| 120°   | 8.8  | 8.8  | 8.8  | 10.5 | 14.0 | 14.0 | 12.3 | 10.5 | 10.5 | 10.5 | 12.3 |
| 122.5° | 8.8  | 8.8  | 8.8  | 10.5 | 12.3 | 12.3 | 12.3 | 10.5 | 10.5 | 10.5 | 12.3 |
| 125°   | 8.8  | 8.8  | 8.8  | 10.5 | 12.3 | 12.3 | 10.5 | 8.8  | 8.8  | 8.8  | 12.3 |
| 127.5° | 8.8  | 8.8  | 8.8  | 10.5 | 10.5 | 10.5 | 8.8  | 8.8  | 8.8  | 8.8  | 10.5 |
| 130°   | 8.8  | 8.8  | 8.8  | 10.5 | 10.5 | 8.8  | 8.8  | 8.8  | 8.8  | 8.8  | 10.5 |
| 132.5° | 8.8  | 8.8  | 8.8  | 10.5 | 10.5 | 8.8  | 8.8  | 7.0  | 8.8  | 8.8  | 10.5 |
| 135°   | 8.8  | 8.8  | 8.8  | 8.8  | 8.8  | 7.0  | 7.0  | 7.0  | 7.0  | 8.8  | 8.8  |
| 137.5° | 8.8  | 8.8  | 8.8  | 8.8  | 8.8  | 7.0  | 5.3  | 7.0  | 7.0  | 7.0  | 8.8  |
| 140°   | 7.0  | 7.0  | 7.0  | 7.0  | 7.0  | 5.3  | 5.3  | 5.3  | 5.3  | 7.0  | 7.0  |
| 142.5° | 7.0  | 7.0  | 7.0  | 7.0  | 5.3  | 5.3  | 3.5  | 5.3  | 5.3  | 5.3  | 7.0  |
| 145°   | 5.3  | 5.3  | 5.3  | 5.3  | 5.3  | 3.5  | 3.5  | 3.5  | 3.5  | 5.3  | 5.3  |
| 147.5° | 5.3  | 5.3  | 5.3  | 5.3  | 3.5  | 3.5  | 3.5  | 3.5  | 3.5  | 3.5  | 3.5  |
| 150°   | 3.5  | 3.5  | 3.5  | 3.5  | 3.5  | 3.5  | 1.8  | 1.8  | 3.5  | 3.5  | 3.5  |
| 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°     | 126.3  | 126.3 | 126.3 | 126.3 | 126.3 | 126.3 | 126.3 | 126.3 | 126.3 | 126.3 | 126.3 |
| 2.5°   | 126.3  | 124.6 | 124.6 | 122.8 | 121.1 | 121.1 | 121.1 | 121.1 | 119.3 | 119.3 | 119.3 |
| 5°     | 129.8  | 128.1 | 124.6 | 121.1 | 117.5 | 114.0 | 114.0 | 112.3 | 112.3 | 110.5 | 108.8 |
| 7.5°   | 136.8  | 133.3 | 126.3 | 121.1 | 115.8 | 110.5 | 108.8 | 107.0 | 105.3 | 103.5 | 103.5 |
| 10°    | 150.9  | 143.9 | 133.3 | 122.8 | 114.0 | 107.0 | 103.5 | 101.8 | 100.0 | 98.2  | 98.2  |
| 12.5°  | 171.9  | 164.9 | 147.4 | 129.8 | 115.8 | 107.0 | 101.8 | 100.0 | 98.2  | 98.2  | 98.2  |
| 15°    | 207.0  | 194.7 | 168.4 | 143.9 | 121.1 | 108.8 | 103.5 | 105.3 | 108.8 | 108.8 | 108.8 |
| 17.5°  | 247.4  | 231.6 | 193.0 | 159.6 | 131.6 | 117.5 | 114.0 | 117.5 | 121.1 | 122.8 | 122.8 |
| 20°    | 294.7  | 270.2 | 219.3 | 175.4 | 143.9 | 133.3 | 129.8 | 133.3 | 138.6 | 142.1 | 142.1 |
| 22.5°  | 354.4  | 315.8 | 247.4 | 191.2 | 159.6 | 149.1 | 147.4 | 150.9 | 157.9 | 164.9 | 163.2 |
| 25°    | 422.8  | 371.9 | 278.9 | 208.8 | 180.7 | 166.7 | 168.4 | 175.4 | 187.7 | 194.7 | 198.2 |
| 27.5°  | 498.2  | 429.8 | 310.5 | 233.3 | 200.0 | 186.0 | 189.5 | 201.8 | 221.1 | 233.3 | 233.3 |
| 30°    | 578.9  | 486.0 | 342.1 | 257.9 | 221.1 | 205.3 | 212.3 | 235.1 | 256.1 | 271.9 | 271.9 |
| 32.5°  | 657.9  | 540.4 | 366.7 | 286.0 | 243.9 | 224.6 | 235.1 | 264.9 | 293.0 | 310.5 | 312.3 |
| 35°    | 719.3  | 573.7 | 378.9 | 307.0 | 263.2 | 240.4 | 254.4 | 296.5 | 333.3 | 352.6 | 354.4 |
| 37.5°  | 754.4  | 584.2 | 380.7 | 322.8 | 278.9 | 254.4 | 273.7 | 322.8 | 363.2 | 382.5 | 382.5 |
| 40°    | 749.1  | 563.2 | 368.4 | 331.6 | 289.5 | 266.7 | 291.2 | 347.4 | 387.7 | 401.8 | 398.2 |
| 42.5°  | 759.6  | 554.4 | 359.6 | 328.1 | 293.0 | 273.7 | 301.8 | 359.6 | 393.0 | 398.2 | 394.7 |
| 45°    | 771.9  | 542.1 | 350.9 | 324.6 | 291.2 | 277.2 | 307.0 | 359.6 | 387.7 | 386.0 | 382.5 |
| 47.5°  | 805.3  | 540.4 | 345.6 | 322.8 | 289.5 | 275.4 | 307.0 | 357.9 | 378.9 | 370.2 | 366.7 |
| 50°    | 850.9  | 547.4 | 342.1 | 319.3 | 287.7 | 271.9 | 303.5 | 354.4 | 373.7 | 364.9 | 361.4 |
| 52.5°  | 893.0  | 550.9 | 335.1 | 315.8 | 286.0 | 270.2 | 301.8 | 354.4 | 370.2 | 352.6 | 347.4 |
| 55°    | 947.4  | 568.4 | 326.3 | 308.8 | 282.5 | 266.7 | 300.0 | 350.9 | 354.4 | 333.3 | 329.8 |
| 57.5°  | 1047.4 | 601.8 | 319.3 | 300.0 | 277.2 | 264.9 | 296.5 | 338.6 | 343.9 | 324.6 | 319.3 |
| 60°    | 1121.1 | 626.3 | 312.3 | 293.0 | 268.4 | 259.6 | 287.7 | 331.6 | 333.3 | 307.0 | 301.8 |
| 62.5°  | 1186.0 | 643.9 | 300.0 | 284.2 | 263.2 | 254.4 | 278.9 | 315.8 | 310.5 | 287.7 | 286.0 |
| 65°    | 1249.1 | 657.9 | 291.2 | 271.9 | 252.6 | 243.9 | 268.4 | 294.7 | 296.5 | 277.2 | 273.7 |
| 67.5°  | 1236.8 | 643.9 | 273.7 | 257.9 | 240.4 | 231.6 | 249.1 | 280.7 | 282.5 | 268.4 | 264.9 |
| 70°    | 1163.2 | 596.5 | 252.6 | 242.1 | 222.8 | 214.0 | 229.8 | 261.4 | 266.7 | 256.1 | 254.4 |
| 72.5°  | 1007.0 | 515.8 | 224.6 | 219.3 | 203.5 | 194.7 | 210.5 | 236.8 | 245.6 | 236.8 | 233.3 |
| 75°    | 847.4  | 435.1 | 200.0 | 194.7 | 184.2 | 175.4 | 187.7 | 212.3 | 222.8 | 221.1 | 221.1 |
| 77.5°  | 678.9  | 349.1 | 177.2 | 173.7 | 164.9 | 157.9 | 168.4 | 189.5 | 203.5 | 205.3 | 201.8 |
| 80°    | 545.6  | 284.2 | 156.1 | 154.4 | 149.1 | 143.9 | 149.1 | 166.7 | 182.5 | 186.0 | 184.2 |
| 82.5°  | 438.6  | 236.8 | 138.6 | 138.6 | 133.3 | 129.8 | 133.3 | 149.1 | 168.4 | 175.4 | 173.7 |
| 85°    | 336.8  | 194.7 | 124.6 | 122.8 | 119.3 | 117.5 | 121.1 | 131.6 | 152.6 | 161.4 | 161.4 |
| 87.5°  | 245.6  | 154.4 | 110.5 | 107.0 | 105.3 | 105.3 | 107.0 | 117.5 | 136.8 | 143.9 | 142.1 |
| 90°    | 170.2  | 119.3 | 94.7  | 91.2  | 89.5  | 91.2  | 94.7  | 103.5 | 117.5 | 119.3 | 119.3 |
| 92.5°  | 115.8  | 91.2  | 78.9  | 75.4  | 75.4  | 78.9  | 82.5  | 89.5  | 98.2  | 96.5  | 94.7  |
| 95°    | 80.7   | 68.4  | 63.2  | 61.4  | 61.4  | 64.9  | 68.4  | 75.4  | 80.7  | 77.2  | 75.4  |
| 97.5°  | 59.6   | 54.4  | 52.6  | 50.9  | 49.1  | 54.4  | 56.1  | 59.6  | 64.9  | 63.2  | 61.4  |
| 100°   | 47.4   | 45.6  | 43.9  | 42.1  | 40.4  | 43.9  | 45.6  | 49.1  | 52.6  | 49.1  | 49.1  |
| 102.5° | 38.6   | 38.6  | 36.8  | 35.1  | 35.1  | 36.8  | 38.6  | 40.4  | 42.1  | 40.4  | 38.6  |
| 105°   | 31.6   | 31.6  | 31.6  | 29.8  | 29.8  | 31.6  | 33.3  | 33.3  | 35.1  | 31.6  | 31.6  |
| 107.5° | 26.3   | 26.3  | 28.1  | 26.3  | 26.3  | 28.1  | 28.1  | 28.1  | 28.1  | 26.3  | 26.3  |
| 110°   | 22.8   | 22.8  | 22.8  | 22.8  | 22.8  | 24.6  | 24.6  | 24.6  | 24.6  | 22.8  | 21.1  |

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**CANDELA DISTRIBUTION (continued):**

|        | 90°  | 95°  | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 19.3 | 19.3 | 19.3 | 19.3 | 19.3 | 21.1 | 21.1 | 21.1 | 21.1 | 19.3 | 19.3 |
| 115°   | 15.8 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 19.3 | 17.5 | 17.5 | 17.5 | 17.5 |
| 117.5° | 14.0 | 15.8 | 15.8 | 15.8 | 15.8 | 15.8 | 15.8 | 15.8 | 15.8 | 15.8 | 15.8 |
| 120°   | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 15.8 | 15.8 |
| 122.5° | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 14.0 | 14.0 | 14.0 |
| 125°   | 12.3 | 12.3 | 12.3 | 12.3 | 10.5 | 10.5 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 |
| 127.5° | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 12.3 |
| 130°   | 10.5 | 10.5 | 10.5 | 10.5 | 8.8  | 8.8  | 8.8  | 10.5 | 10.5 | 10.5 | 10.5 |
| 132.5° | 10.5 | 10.5 | 8.8  | 8.8  | 8.8  | 8.8  | 8.8  | 8.8  | 8.8  | 10.5 | 10.5 |
| 135°   | 8.8  | 8.8  | 8.8  | 8.8  | 7.0  | 7.0  | 8.8  | 8.8  | 8.8  | 8.8  | 8.8  |
| 137.5° | 8.8  | 8.8  | 7.0  | 7.0  | 7.0  | 7.0  | 7.0  | 7.0  | 8.8  | 8.8  | 8.8  |
| 140°   | 7.0  | 7.0  | 7.0  | 5.3  | 5.3  | 5.3  | 7.0  | 7.0  | 7.0  | 7.0  | 7.0  |
| 142.5° | 7.0  | 5.3  | 5.3  | 5.3  | 3.5  | 3.5  | 5.3  | 7.0  | 7.0  | 7.0  | 7.0  |
| 145°   | 5.3  | 5.3  | 5.3  | 3.5  | 3.5  | 3.5  | 5.3  | 5.3  | 5.3  | 5.3  | 5.3  |
| 147.5° | 3.5  | 3.5  | 3.5  | 3.5  | 3.5  | 3.5  | 3.5  | 5.3  | 5.3  | 5.3  | 5.3  |
| 150°   | 3.5  | 3.5  | 3.5  | 1.8  | 1.8  | 1.8  | 3.5  | 5.3  | 5.3  | 3.5  | 3.5  |
| 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)