

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: P695416

Luminaire Tested: **LXF.LXT-PA16-50-740-U-T4W-A**

Issue Date: 7/5/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P695416  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2306-062-22)  
Test Lab: INNOVATION CENTER  
Issue Date: 7/5/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: LXF.LXT-PA16-50-740-U-T4W-A  
Description: DECORATIVE POST TOP LUMINAIRE  
(1) 70 CRI, 4000K, 980mA LIGHTSQUARE WITH 16 LEDS AND TYPE IV WIDE OPTICS  
AND REFRACTOR PANELS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5725 lumens  
Efficiency: N/A  
Efficacy: 107.8 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 1.17' x L: 1.17' x H: 0.83')  
IES Classification: Type IV - Medium  
BUG Rating: B1 - U3 - G3

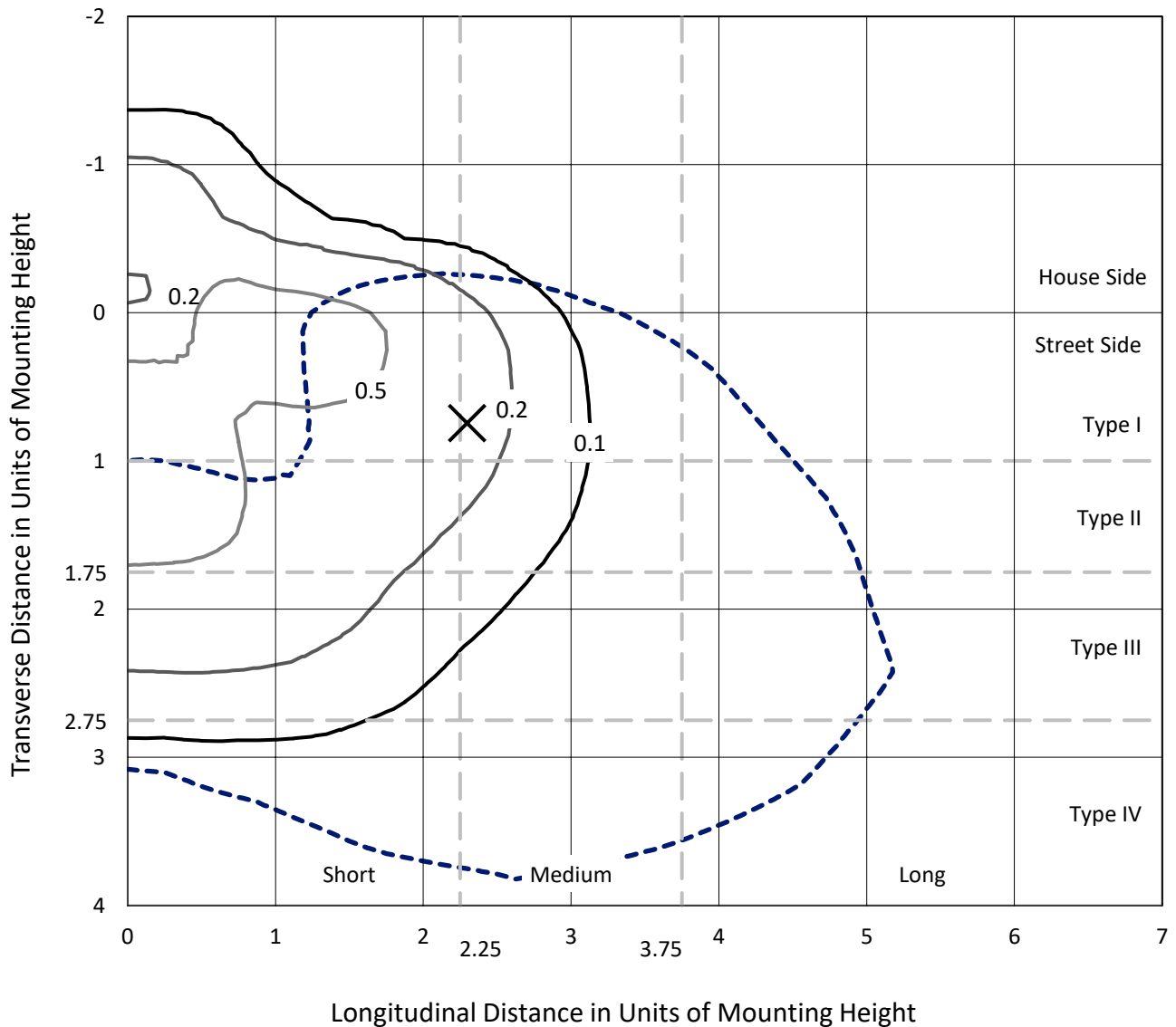
Input Watts (W): 53.1  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

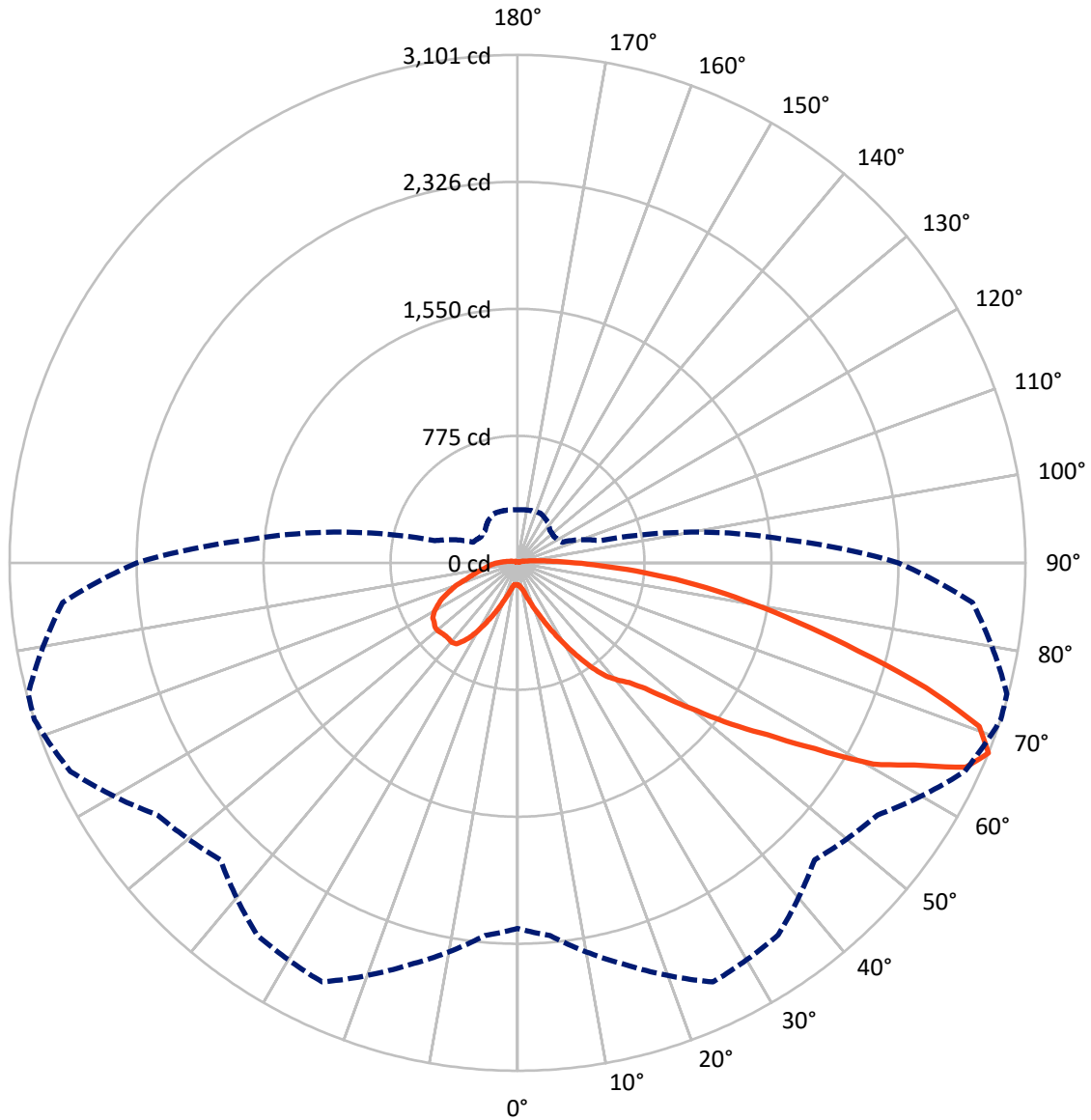
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1 fc  
 Type IV - Medium - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 72-Deg Lateral    - - - Horizontal Cone Through 67.5-Deg Vertical

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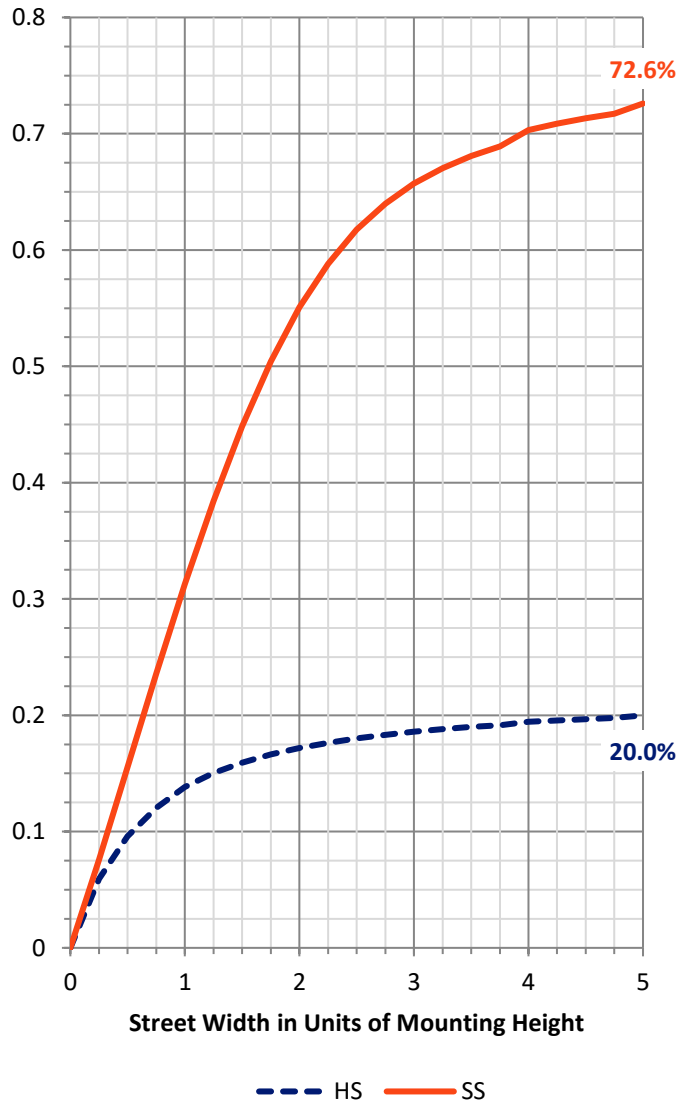
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1208.3   | 103.9  | 1312.1 |
|                    | % Fixture | 21.1     | 1.8    | 22.9   |
| <b>Street Side</b> | Lumens    | 4302.3   | 110.6  | 4412.9 |
|                    | % Fixture | 75.1     | 1.9    | 77.1   |
| <b>Total</b>       | Lumens    | 5510.5   | 214.5  | 5725.0 |
|                    | % Fixture | 96.3     | 3.7    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 13.7   | 0.2       |
| 10°-20°   | 59.3   | 1.0       |
| 20°-30°   | 179.7  | 3.1       |
| 30°-40°   | 404.5  | 7.1       |
| 40°-50°   | 649.3  | 11.3      |
| 50°-60°   | 1052.5 | 18.4      |
| 60°-70°   | 1535.0 | 26.8      |
| 70°-80°   | 1150.8 | 20.1      |
| 80°-90°   | 465.8  | 8.1       |
| 90°-100°  | 129.3  | 2.3       |
| 100°-110° | 42.4   | 0.7       |
| 110°-120° | 19.6   | 0.3       |
| 120°-130° | 11.8   | 0.2       |
| 130°-140° | 7.5    | 0.1       |
| 140°-150° | 3.6    | 0.1       |
| 150°-160° | 0.3    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 5510.5 | 96.3      |
| 0°-180°   | 5725.0 | 100.0     |

**Coefficient of Utilization**

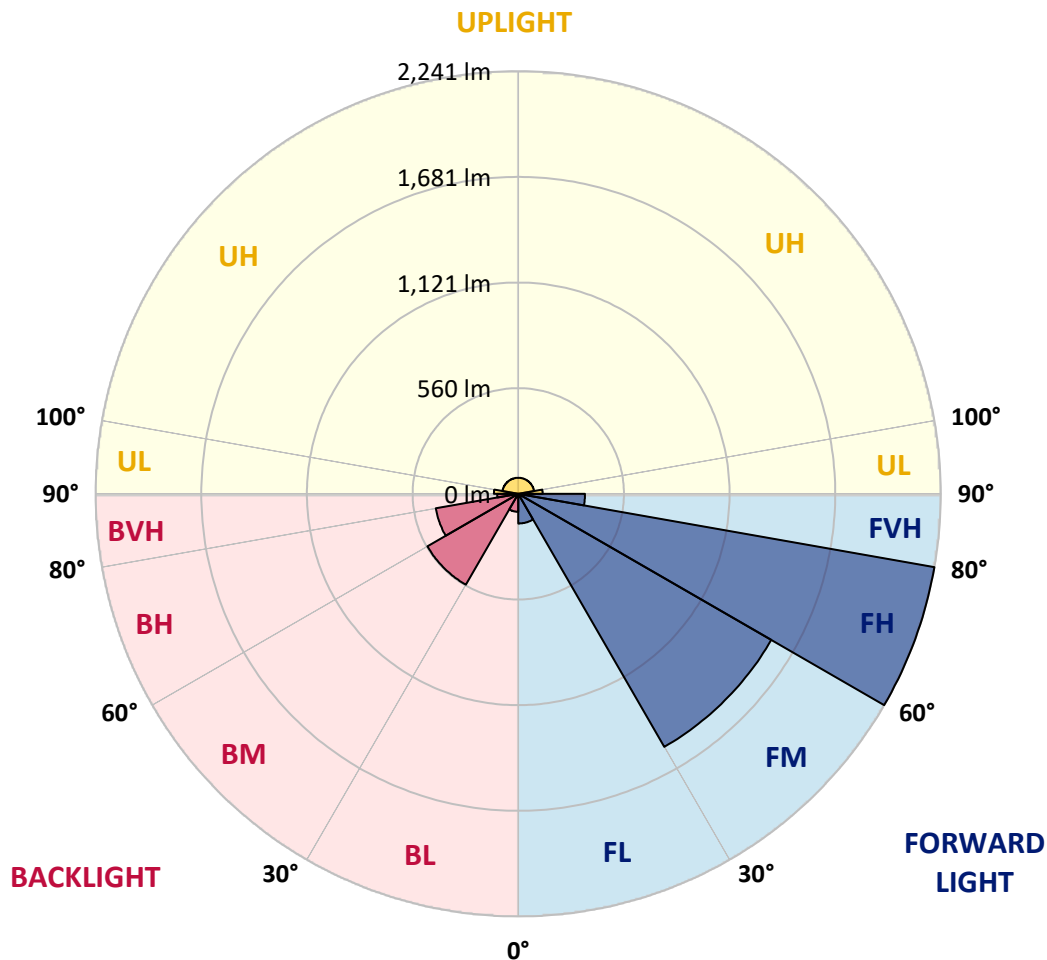


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |        |         |
|----------------|--------|-----------|-------------------------|--------|---------|
|                |        |           | B                       | U      | G       |
| FL (0°-30°)    | 157.4  | 2.7       |                         |        |         |
| FM (30°-60°)   | 1549.7 | 27.1      |                         |        |         |
| FH (60°-80°)   | 2241.4 | 39.2      |                         |        | G2/5000 |
| FVH (80°-90°)  | 353.7  | 6.2       |                         |        | G3/500  |
| BL (0°-30°)    | 95.3   | 1.7       | B0/110                  |        |         |
| BM (30°-60°)   | 556.5  | 9.7       | B1/1000                 |        |         |
| BH (60°-80°)   | 444.3  | 7.8       | B1/500                  |        | G1/500  |
| BVH (80°-90°)  | 112.1  | 2.0       |                         |        | G2/225  |
| UL (90°-100°)  | 129.3  | 2.3       |                         | U3/500 |         |
| UH (100°-180°) | 85.2   | 1.5       |                         | U3/500 |         |

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



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 72°    | 75°    | 85°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 135.8  | 135.8  | 135.8  | 135.8  | 135.8  | 135.8  | 135.8  | 135.8  | 135.8  | 135.8  | 135.8  |
| 2.5°   | 142.0  | 142.0  | 142.0  | 142.0  | 142.0  | 142.0  | 142.0  | 139.9  | 137.9  | 137.9  | 135.8  |
| 5°     | 154.3  | 154.3  | 154.3  | 154.3  | 154.3  | 152.3  | 148.1  | 146.1  | 144.0  | 142.0  | 139.9  |
| 7.5°   | 172.8  | 170.8  | 170.8  | 168.7  | 166.7  | 164.6  | 160.5  | 156.4  | 152.3  | 150.2  | 146.1  |
| 10°    | 195.5  | 195.5  | 193.4  | 189.3  | 187.2  | 179.0  | 174.9  | 168.7  | 164.6  | 162.6  | 156.4  |
| 12.5°  | 236.6  | 232.5  | 230.5  | 224.3  | 214.0  | 203.7  | 195.5  | 189.3  | 185.2  | 185.2  | 177.0  |
| 15°    | 283.9  | 281.9  | 277.8  | 261.3  | 249.0  | 234.6  | 224.3  | 220.2  | 218.1  | 214.0  | 207.8  |
| 17.5°  | 341.6  | 341.6  | 333.3  | 310.7  | 290.1  | 275.7  | 263.4  | 257.2  | 255.1  | 255.1  | 249.0  |
| 20°    | 415.6  | 415.6  | 399.2  | 366.3  | 341.6  | 323.0  | 308.6  | 300.4  | 300.4  | 298.4  | 294.2  |
| 22.5°  | 502.1  | 506.2  | 481.5  | 438.3  | 397.1  | 370.4  | 353.9  | 351.8  | 351.8  | 360.1  | 356.0  |
| 25°    | 602.9  | 602.9  | 572.0  | 516.5  | 469.1  | 421.8  | 409.5  | 417.7  | 423.9  | 432.1  | 434.2  |
| 27.5°  | 732.5  | 728.4  | 677.0  | 607.0  | 532.9  | 481.5  | 467.1  | 483.5  | 502.1  | 508.2  | 520.6  |
| 30°    | 880.7  | 874.5  | 810.7  | 711.9  | 611.1  | 535.0  | 528.8  | 559.7  | 592.6  | 598.8  | 615.2  |
| 32.5°  | 1006.2 | 1010.3 | 938.3  | 829.2  | 691.4  | 600.8  | 594.6  | 644.0  | 685.2  | 699.6  | 730.4  |
| 35°    | 1158.4 | 1160.5 | 1074.1 | 936.2  | 769.5  | 662.5  | 660.5  | 728.4  | 788.1  | 806.6  | 839.5  |
| 37.5°  | 1222.2 | 1234.6 | 1168.7 | 1028.8 | 847.7  | 728.4  | 724.3  | 808.6  | 876.5  | 897.1  | 934.2  |
| 40°    | 1288.1 | 1296.3 | 1228.4 | 1096.7 | 911.5  | 786.0  | 788.1  | 878.6  | 940.3  | 965.0  | 985.6  |
| 42.5°  | 1423.9 | 1428.0 | 1335.4 | 1168.7 | 965.0  | 845.7  | 847.7  | 930.0  | 1000.0 | 1030.9 | 1067.9 |
| 45°    | 1545.3 | 1563.8 | 1473.2 | 1281.9 | 1037.0 | 897.1  | 901.2  | 1014.4 | 1092.6 | 1135.8 | 1181.1 |
| 47.5°  | 1718.1 | 1718.1 | 1644.0 | 1432.1 | 1144.0 | 967.1  | 989.7  | 1133.7 | 1240.7 | 1277.8 | 1343.6 |
| 50°    | 1872.4 | 1874.5 | 1818.9 | 1594.6 | 1263.4 | 1063.8 | 1104.9 | 1283.9 | 1419.7 | 1463.0 | 1551.4 |
| 52.5°  | 2000.0 | 2002.0 | 1963.0 | 1781.9 | 1425.9 | 1191.4 | 1238.7 | 1483.5 | 1635.8 | 1689.3 | 1767.5 |
| 55°    | 2158.4 | 2148.1 | 2123.4 | 1969.1 | 1611.1 | 1356.0 | 1425.9 | 1695.5 | 1853.9 | 1925.9 | 2020.6 |
| 57.5°  | 2327.1 | 2314.8 | 2325.1 | 2172.8 | 1823.0 | 1559.7 | 1631.7 | 1921.8 | 2142.0 | 2234.6 | 2343.6 |
| 60°    | 2419.7 | 2423.9 | 2502.0 | 2440.3 | 2080.2 | 1812.7 | 1893.0 | 2267.5 | 2495.9 | 2567.9 | 2592.6 |
| 62.5°  | 2465.0 | 2469.1 | 2602.9 | 2644.0 | 2384.8 | 2078.2 | 2191.3 | 2553.5 | 2718.1 | 2808.6 | 2790.1 |
| 65°    | 2452.7 | 2469.1 | 2683.1 | 2796.3 | 2639.9 | 2364.2 | 2485.6 | 2823.0 | 3008.2 | 3055.5 | 2911.5 |
| 67.5°  | 2232.5 | 2283.9 | 2539.1 | 2823.0 | 2773.6 | 2563.8 | 2683.1 | 3012.3 | 3100.8 | 3092.6 | 2788.0 |
| 70°    | 1890.9 | 1905.3 | 2211.9 | 2623.4 | 2734.6 | 2555.5 | 2701.6 | 2973.2 | 2989.7 | 2946.5 | 2514.4 |
| 72.5°  | 1454.7 | 1489.7 | 1767.5 | 2214.0 | 2462.9 | 2372.4 | 2495.9 | 2709.9 | 2609.0 | 2500.0 | 2028.8 |
| 75°    | 1067.9 | 1053.5 | 1286.0 | 1720.2 | 2039.1 | 2051.4 | 2172.8 | 2298.3 | 2148.1 | 2059.7 | 1656.4 |
| 77.5°  | 724.3  | 759.3  | 925.9  | 1273.7 | 1602.9 | 1714.0 | 1835.4 | 1851.8 | 1753.1 | 1681.1 | 1267.5 |
| 80°    | 495.9  | 502.1  | 627.6  | 930.0  | 1251.0 | 1407.4 | 1514.4 | 1551.4 | 1409.5 | 1327.2 | 956.8  |
| 82.5°  | 283.9  | 290.1  | 397.1  | 668.7  | 981.5  | 1162.5 | 1271.6 | 1261.3 | 1098.8 | 1016.5 | 664.6  |
| 85°    | 158.4  | 160.5  | 230.5  | 413.6  | 738.7  | 930.0  | 1024.7 | 942.4  | 779.8  | 703.7  | 436.2  |
| 87.5°  | 94.6   | 98.8   | 137.9  | 265.4  | 502.1  | 720.2  | 767.5  | 656.4  | 504.1  | 448.6  | 288.1  |
| 90°    | 59.7   | 63.8   | 84.4   | 156.4  | 323.0  | 506.2  | 520.6  | 413.6  | 312.8  | 281.9  | 195.5  |
| 92.5°  | 39.1   | 41.2   | 55.6   | 96.7   | 199.6  | 318.9  | 333.3  | 249.0  | 193.4  | 172.8  | 133.7  |
| 95°    | 30.9   | 30.9   | 39.1   | 65.8   | 123.5  | 187.2  | 201.6  | 150.2  | 125.5  | 113.2  | 92.6   |
| 97.5°  | 24.7   | 24.7   | 30.9   | 47.3   | 84.4   | 117.3  | 121.4  | 98.8   | 84.4   | 82.3   | 70.0   |
| 100°   | 20.6   | 22.6   | 26.7   | 37.0   | 59.7   | 78.2   | 78.2   | 67.9   | 61.7   | 61.7   | 55.6   |
| 102.5° | 18.5   | 18.5   | 22.6   | 30.9   | 47.3   | 59.7   | 57.6   | 51.4   | 47.3   | 47.3   | 45.3   |
| 105°   | 18.5   | 16.5   | 20.6   | 24.7   | 37.0   | 45.3   | 43.2   | 39.1   | 37.0   | 35.0   | 35.0   |
| 107.5° | 16.5   | 14.4   | 16.5   | 20.6   | 30.9   | 37.0   | 35.0   | 30.9   | 28.8   | 26.7   | 28.8   |
| 110°   | 14.4   | 14.4   | 14.4   | 18.5   | 24.7   | 30.9   | 28.8   | 24.7   | 22.6   | 22.6   | 22.6   |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°   | 5°   | 15°  | 25°  | 35°  | 45°  | 55°  | 65°  | 72°  | 75°  | 85°  |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 12.3 | 12.3 | 12.3 | 16.5 | 20.6 | 24.7 | 24.7 | 20.6 | 18.5 | 16.5 | 18.5 |
| 115°   | 12.3 | 12.3 | 12.3 | 14.4 | 18.5 | 22.6 | 20.6 | 16.5 | 14.4 | 14.4 | 16.5 |
| 117.5° | 10.3 | 10.3 | 10.3 | 14.4 | 16.5 | 18.5 | 18.5 | 14.4 | 12.3 | 12.3 | 14.4 |
| 120°   | 10.3 | 10.3 | 10.3 | 12.3 | 16.5 | 16.5 | 16.5 | 12.3 | 12.3 | 12.3 | 14.4 |
| 122.5° | 10.3 | 10.3 | 10.3 | 12.3 | 14.4 | 16.5 | 14.4 | 12.3 | 10.3 | 10.3 | 12.3 |
| 125°   | 10.3 | 10.3 | 10.3 | 12.3 | 14.4 | 14.4 | 12.3 | 10.3 | 10.3 | 10.3 | 12.3 |
| 127.5° | 10.3 | 10.3 | 10.3 | 12.3 | 12.3 | 12.3 | 12.3 | 10.3 | 10.3 | 10.3 | 12.3 |
| 130°   | 10.3 | 10.3 | 10.3 | 10.3 | 12.3 | 12.3 | 10.3 | 10.3 | 10.3 | 10.3 | 10.3 |
| 132.5° | 10.3 | 10.3 | 10.3 | 10.3 | 10.3 | 10.3 | 10.3 | 8.2  | 10.3 | 10.3 | 10.3 |
| 135°   | 10.3 | 10.3 | 10.3 | 10.3 | 10.3 | 10.3 | 8.2  | 8.2  | 8.2  | 8.2  | 10.3 |
| 137.5° | 8.2  | 8.2  | 8.2  | 8.2  | 8.2  | 8.2  | 8.2  | 8.2  | 8.2  | 8.2  | 10.3 |
| 140°   | 8.2  | 8.2  | 8.2  | 8.2  | 8.2  | 8.2  | 6.2  | 6.2  | 6.2  | 6.2  | 8.2  |
| 142.5° | 8.2  | 8.2  | 6.2  | 6.2  | 6.2  | 6.2  | 6.2  | 6.2  | 6.2  | 6.2  | 6.2  |
| 145°   | 6.2  | 6.2  | 6.2  | 6.2  | 6.2  | 6.2  | 4.1  | 4.1  | 4.1  | 6.2  | 6.2  |
| 147.5° | 6.2  | 6.2  | 4.1  | 4.1  | 4.1  | 4.1  | 4.1  | 4.1  | 4.1  | 4.1  | 4.1  |
| 150°   | 4.1  | 4.1  | 4.1  | 4.1  | 4.1  | 4.1  | 4.1  | 4.1  | 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  |



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**CANDELA DISTRIBUTION (continued):**

|        | 90°    | 95°    | 105°  | 115°  | 125°  | 135°  | 145°  | 155°  | 165°  | 175°  | 180°  |
|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 135.8  | 135.8  | 135.8 | 135.8 | 135.8 | 135.8 | 135.8 | 135.8 | 135.8 | 135.8 | 135.8 |
| 2.5°   | 135.8  | 135.8  | 133.7 | 131.7 | 131.7 | 131.7 | 131.7 | 131.7 | 129.6 | 129.6 | 129.6 |
| 5°     | 137.9  | 135.8  | 133.7 | 131.7 | 129.6 | 127.6 | 125.5 | 125.5 | 123.5 | 123.5 | 123.5 |
| 7.5°   | 144.0  | 142.0  | 135.8 | 131.7 | 127.6 | 125.5 | 123.5 | 121.4 | 119.3 | 117.3 | 117.3 |
| 10°    | 154.3  | 150.2  | 142.0 | 135.8 | 129.6 | 125.5 | 121.4 | 119.3 | 117.3 | 117.3 | 115.2 |
| 12.5°  | 172.8  | 168.7  | 156.4 | 146.1 | 135.8 | 129.6 | 123.5 | 121.4 | 121.4 | 121.4 | 123.5 |
| 15°    | 203.7  | 197.5  | 181.1 | 166.7 | 150.2 | 137.9 | 133.7 | 135.8 | 137.9 | 139.9 | 139.9 |
| 17.5°  | 242.8  | 234.6  | 216.0 | 191.4 | 168.7 | 154.3 | 152.3 | 154.3 | 158.4 | 162.6 | 162.6 |
| 20°    | 288.1  | 277.8  | 249.0 | 220.2 | 191.4 | 179.0 | 172.8 | 177.0 | 183.1 | 191.4 | 189.3 |
| 22.5°  | 351.8  | 335.4  | 300.4 | 253.1 | 220.2 | 203.7 | 195.5 | 201.6 | 214.0 | 222.2 | 222.2 |
| 25°    | 423.9  | 403.3  | 358.0 | 294.2 | 249.0 | 224.3 | 220.2 | 230.5 | 253.1 | 265.4 | 265.4 |
| 27.5°  | 506.2  | 481.5  | 419.8 | 337.4 | 279.8 | 246.9 | 242.8 | 265.4 | 294.2 | 316.9 | 314.8 |
| 30°    | 602.9  | 574.1  | 493.8 | 382.7 | 308.6 | 265.4 | 269.5 | 300.4 | 339.5 | 366.3 | 366.3 |
| 32.5°  | 714.0  | 668.7  | 565.8 | 432.1 | 331.3 | 281.9 | 290.1 | 331.3 | 378.6 | 405.3 | 409.5 |
| 35°    | 818.9  | 765.4  | 625.5 | 469.1 | 349.8 | 296.3 | 306.6 | 360.1 | 415.6 | 448.6 | 448.6 |
| 37.5°  | 909.5  | 851.8  | 672.8 | 493.8 | 358.0 | 304.5 | 321.0 | 382.7 | 436.2 | 469.1 | 469.1 |
| 40°    | 952.7  | 884.8  | 687.2 | 497.9 | 360.1 | 308.6 | 329.2 | 393.0 | 444.4 | 471.2 | 469.1 |
| 42.5°  | 1030.9 | 940.3  | 689.3 | 475.3 | 353.9 | 310.7 | 333.3 | 388.9 | 428.0 | 440.3 | 438.3 |
| 45°    | 1135.8 | 1018.5 | 699.6 | 454.7 | 339.5 | 306.6 | 329.2 | 374.5 | 397.1 | 399.2 | 395.1 |
| 47.5°  | 1271.6 | 1131.7 | 714.0 | 436.2 | 327.2 | 300.4 | 318.9 | 353.9 | 366.3 | 360.1 | 358.0 |
| 50°    | 1458.8 | 1261.3 | 734.6 | 415.6 | 318.9 | 290.1 | 308.6 | 339.5 | 347.7 | 335.4 | 333.3 |
| 52.5°  | 1642.0 | 1390.9 | 742.8 | 395.1 | 310.7 | 283.9 | 302.5 | 333.3 | 335.4 | 314.8 | 312.8 |
| 55°    | 1864.2 | 1530.9 | 732.5 | 372.4 | 306.6 | 281.9 | 302.5 | 329.2 | 321.0 | 300.4 | 296.3 |
| 57.5°  | 2142.0 | 1709.9 | 730.4 | 351.8 | 298.4 | 281.9 | 304.5 | 325.1 | 318.9 | 304.5 | 302.5 |
| 60°    | 2314.8 | 1786.0 | 697.5 | 339.5 | 292.2 | 286.0 | 308.6 | 331.3 | 323.0 | 306.6 | 304.5 |
| 62.5°  | 2438.3 | 1818.9 | 648.1 | 325.1 | 288.1 | 286.0 | 314.8 | 333.3 | 321.0 | 308.6 | 306.6 |
| 65°    | 2473.2 | 1786.0 | 596.7 | 310.7 | 281.9 | 286.0 | 316.9 | 331.3 | 325.1 | 316.9 | 316.9 |
| 67.5°  | 2325.1 | 1637.8 | 522.6 | 298.4 | 273.7 | 279.8 | 312.8 | 333.3 | 329.2 | 325.1 | 323.0 |
| 70°    | 2055.5 | 1428.0 | 454.7 | 281.9 | 259.3 | 269.5 | 306.6 | 333.3 | 333.3 | 331.3 | 331.3 |
| 72.5°  | 1639.9 | 1102.9 | 366.3 | 263.4 | 242.8 | 257.2 | 298.4 | 327.2 | 325.1 | 323.0 | 321.0 |
| 75°    | 1314.8 | 870.4  | 310.7 | 238.7 | 226.3 | 240.7 | 286.0 | 314.8 | 310.7 | 310.7 | 308.6 |
| 77.5°  | 989.7  | 658.4  | 263.4 | 216.0 | 205.8 | 226.3 | 267.5 | 294.2 | 292.2 | 290.1 | 286.0 |
| 80°    | 716.0  | 487.7  | 224.3 | 195.5 | 189.3 | 207.8 | 244.9 | 267.5 | 267.5 | 267.5 | 265.4 |
| 82.5°  | 518.5  | 360.1  | 195.5 | 177.0 | 172.8 | 189.3 | 220.2 | 238.7 | 246.9 | 253.1 | 249.0 |
| 85°    | 341.6  | 253.1  | 172.8 | 160.5 | 160.5 | 174.9 | 199.6 | 216.0 | 228.4 | 234.6 | 232.5 |
| 87.5°  | 232.5  | 193.4  | 152.3 | 142.0 | 146.1 | 160.5 | 183.1 | 195.5 | 205.8 | 211.9 | 209.9 |
| 90°    | 164.6  | 150.2  | 129.6 | 121.4 | 125.5 | 144.0 | 164.6 | 174.9 | 179.0 | 181.1 | 179.0 |
| 92.5°  | 117.3  | 111.1  | 102.9 | 98.8  | 104.9 | 125.5 | 144.0 | 148.1 | 148.1 | 146.1 | 142.0 |
| 95°    | 88.5   | 84.4   | 82.3  | 78.2  | 86.4  | 104.9 | 119.3 | 119.3 | 119.3 | 113.2 | 113.2 |
| 97.5°  | 67.9   | 67.9   | 67.9  | 63.8  | 70.0  | 84.4  | 94.6  | 92.6  | 92.6  | 88.5  | 88.5  |
| 100°   | 55.6   | 55.6   | 55.6  | 53.5  | 57.6  | 67.9  | 72.0  | 72.0  | 74.1  | 72.0  | 72.0  |
| 102.5° | 45.3   | 45.3   | 45.3  | 45.3  | 47.3  | 55.6  | 59.7  | 57.6  | 59.7  | 59.7  | 59.7  |
| 105°   | 37.0   | 37.0   | 39.1  | 37.0  | 41.2  | 47.3  | 47.3  | 47.3  | 49.4  | 45.3  | 47.3  |
| 107.5° | 28.8   | 30.9   | 30.9  | 30.9  | 35.0  | 39.1  | 41.2  | 39.1  | 39.1  | 37.0  | 37.0  |
| 110°   | 24.7   | 26.7   | 26.7  | 26.7  | 28.8  | 32.9  | 35.0  | 32.9  | 30.9  | 30.9  | 30.9  |

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**CANDELA DISTRIBUTION (continued):**

|        | 90°  | 95°  | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 20.6 | 22.6 | 22.6 | 22.6 | 24.7 | 28.8 | 28.8 | 26.7 | 24.7 | 24.7 | 24.7 |
| 115°   | 18.5 | 18.5 | 20.6 | 20.6 | 22.6 | 24.7 | 24.7 | 22.6 | 20.6 | 22.6 | 22.6 |
| 117.5° | 16.5 | 16.5 | 18.5 | 18.5 | 18.5 | 20.6 | 20.6 | 18.5 | 18.5 | 20.6 | 20.6 |
| 120°   | 14.4 | 16.5 | 16.5 | 16.5 | 16.5 | 18.5 | 18.5 | 16.5 | 16.5 | 18.5 | 18.5 |
| 122.5° | 14.4 | 14.4 | 14.4 | 14.4 | 16.5 | 16.5 | 16.5 | 14.4 | 14.4 | 16.5 | 16.5 |
| 125°   | 12.3 | 14.4 | 14.4 | 14.4 | 14.4 | 14.4 | 14.4 | 12.3 | 14.4 | 14.4 | 16.5 |
| 127.5° | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 14.4 | 14.4 |
| 130°   | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 10.3 | 12.3 | 12.3 | 12.3 |
| 132.5° | 12.3 | 12.3 | 10.3 | 10.3 | 10.3 | 10.3 | 10.3 | 10.3 | 10.3 | 12.3 | 12.3 |
| 135°   | 10.3 | 10.3 | 10.3 | 10.3 | 10.3 | 10.3 | 10.3 | 10.3 | 10.3 | 12.3 | 12.3 |
| 137.5° | 10.3 | 10.3 | 8.2  | 8.2  | 8.2  | 8.2  | 8.2  | 8.2  | 10.3 | 10.3 | 10.3 |
| 140°   | 8.2  | 8.2  | 8.2  | 6.2  | 6.2  | 6.2  | 8.2  | 8.2  | 8.2  | 8.2  | 8.2  |
| 142.5° | 8.2  | 8.2  | 6.2  | 6.2  | 6.2  | 6.2  | 6.2  | 6.2  | 8.2  | 8.2  | 8.2  |
| 145°   | 6.2  | 6.2  | 6.2  | 4.1  | 4.1  | 6.2  | 6.2  | 6.2  | 6.2  | 6.2  | 6.2  |
| 147.5° | 4.1  | 4.1  | 4.1  | 4.1  | 4.1  | 4.1  | 4.1  | 6.2  | 6.2  | 6.2  | 6.2  |
| 150°   | 4.1  | 4.1  | 4.1  | 4.1  | 2.1  | 4.1  | 4.1  | 4.1  | 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  |

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