

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: P254854

Luminaire Tested: **LXF.LXT-AF24-60-D-U-T3-FL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P254854
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1806-803-29)
Test Lab: INNOVATION CENTER(G2)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: LXF.LXT-AF24-60-D-U-T3-FL
Description: DECORATIVE POST TOP LUMINAIRE
(1) 70 CRI, 4000K, 800mA LIGHT ENGINE WITH 24 LEDS AND TYPE III OPTICS
AND FROSTED LENS PANELS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6289.1 lumens
Efficiency: N/A
Efficacy: 98.3 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 1.17' x L: 1.17' x H: 0.83')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B2 - U3 - G3

Input Watts (W): 64
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

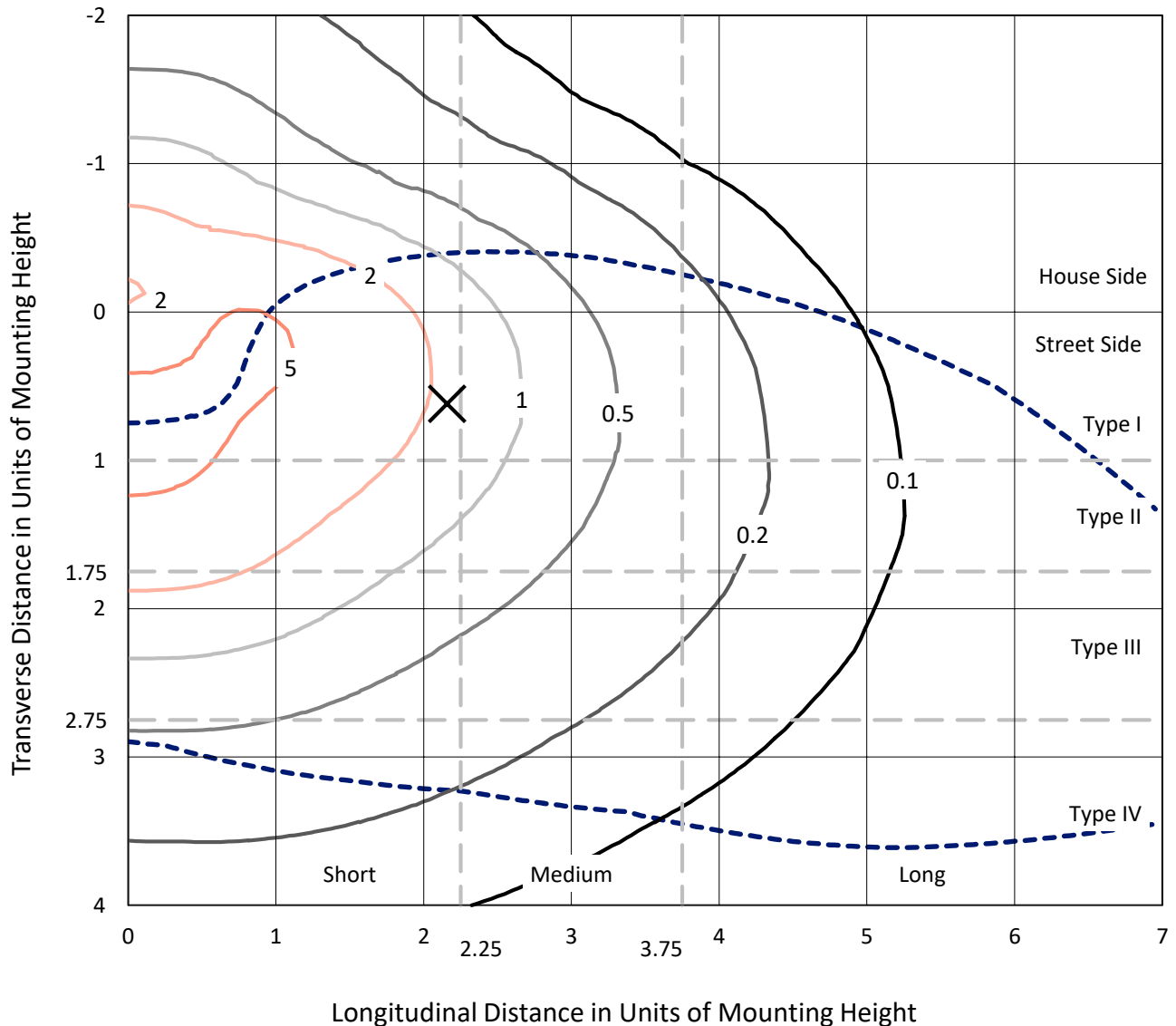


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

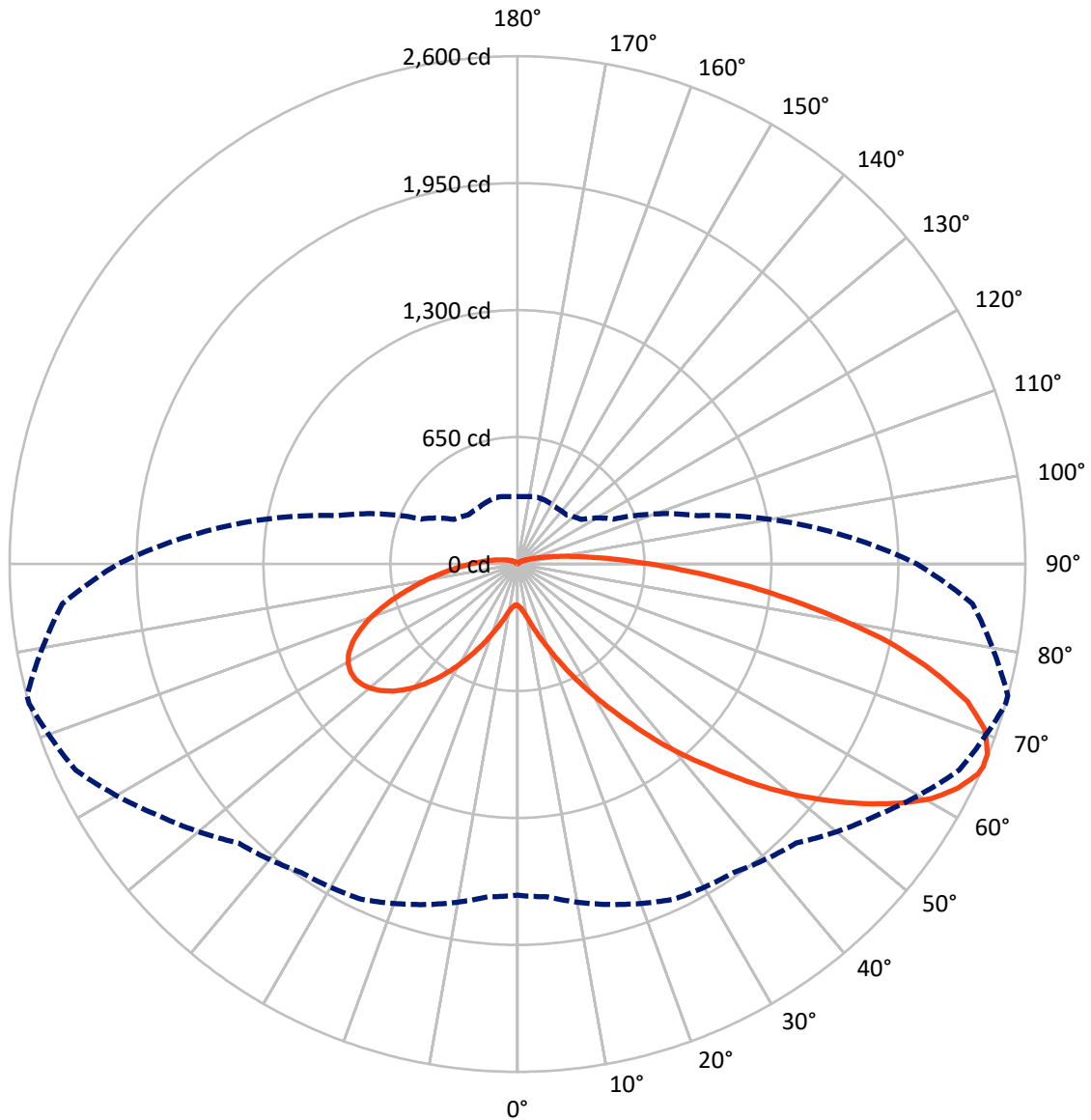


Based on 10 foot mounting height. Maximum calculated value = 6.7 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 74-Deg Lateral - - - Horizontal Cone Through 66-Deg Vertical



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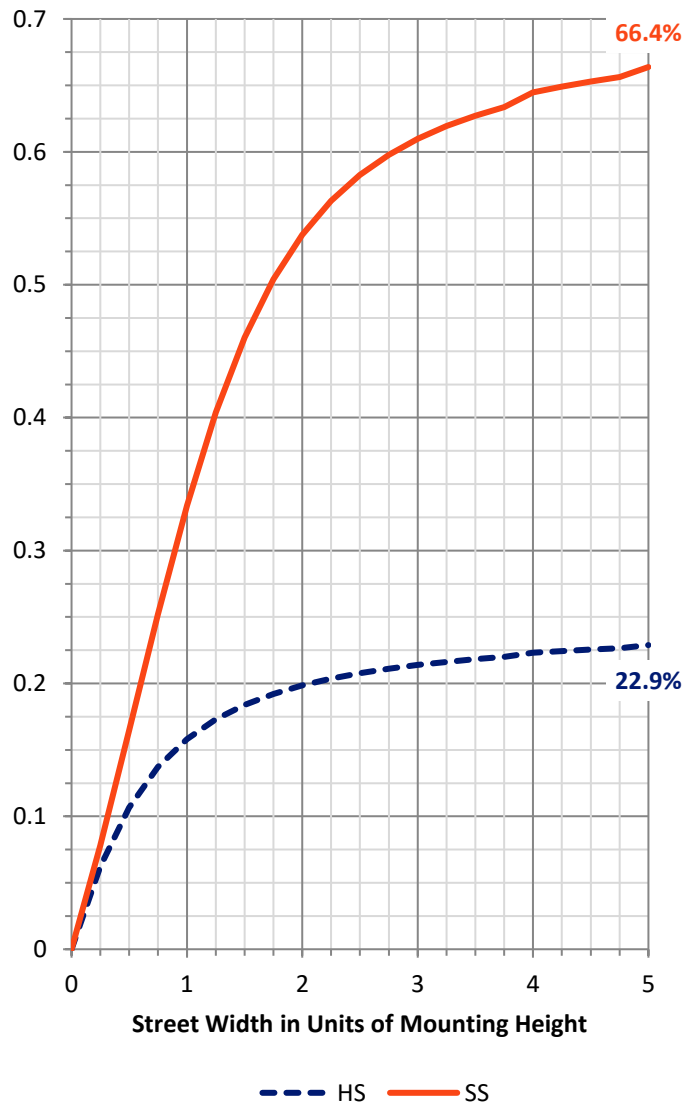
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1512.7 | 156.4 | 1669.1 |
| | % Fixture | 24.1 | 2.5 | 26.5 |
| Street Side | Lumens | 4351.9 | 268.1 | 4620.0 |
| | % Fixture | 69.2 | 4.3 | 73.5 |
| Total | Lumens | 5864.6 | 424.5 | 6289.1 |
| | % Fixture | 93.2 | 6.8 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 22.5 | 0.4 |
| 10°-20° | 95.2 | 1.5 |
| 20°-30° | 244.3 | 3.9 |
| 30°-40° | 494.7 | 7.9 |
| 40°-50° | 837.5 | 13.3 |
| 50°-60° | 1187.6 | 18.9 |
| 60°-70° | 1340.9 | 21.3 |
| 70°-80° | 1072.2 | 17.0 |
| 80°-90° | 569.6 | 9.1 |
| 90°-100° | 240.2 | 3.8 |
| 100°-110° | 102.1 | 1.6 |
| 110°-120° | 47.2 | 0.7 |
| 120°-130° | 22.5 | 0.4 |
| 130°-140° | 9.8 | 0.2 |
| 140°-150° | 2.6 | 0.0 |
| 150°-160° | 0.2 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-90° | 5864.6 | 93.2 |
| 0°-180° | 6289.1 | 100.0 |

Coefficient of Utilization



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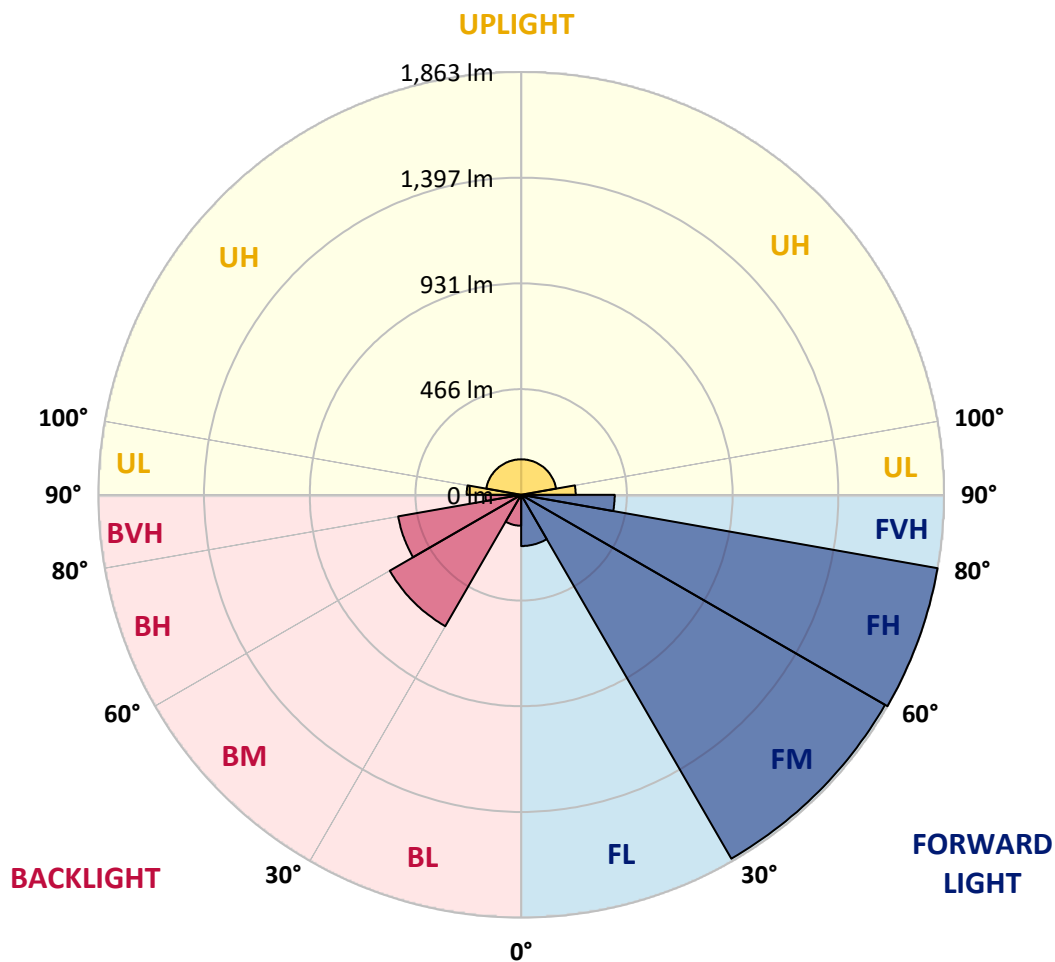
CATALOG NUMBER: LXF.LXT-AF24-60-D-U-T3-FL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|--------|---------|
| | | | B | U | G |
| FL (0°-30°) | 225.7 | 3.6 | | | |
| FM (30°-60°) | 1851.2 | 29.4 | | | |
| FH (60°-80°) | 1863.0 | 29.6 | | | G2/5000 |
| FVH (80°-90°) | 412.1 | 6.6 | | | G3/500 |
| BL (0°-30°) | 136.3 | 2.2 | B1/500 | | |
| BM (30°-60°) | 668.7 | 10.6 | B1/1000 | | |
| BH (60°-80°) | 550.1 | 8.7 | B2/1000 | | G2/1000 |
| BVH (80°-90°) | 157.5 | 2.5 | | | G2/225 |
| UL (90°-100°) | 240.2 | 3.8 | | U3/500 | |
| UH (100°-180°) | 156.4 | 2.5 | | U3/500 | |

BUG Rating: B2-U3-G3

Type IV Short





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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 74° | 75° | 85° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 212.5 | 212.5 | 212.5 | 212.5 | 212.5 | 212.5 | 212.5 | 212.5 | 212.5 | 212.5 | 212.5 |
| 2.5° | 231.6 | 233.1 | 231.6 | 230.9 | 229.3 | 228.5 | 225.5 | 221.7 | 219.4 | 218.6 | 215.5 |
| 5° | 255.3 | 257.6 | 256.0 | 253.8 | 251.5 | 248.5 | 243.9 | 237.7 | 233.1 | 232.4 | 226.3 |
| 7.5° | 284.4 | 287.4 | 285.1 | 282.0 | 278.2 | 273.6 | 266.8 | 259.1 | 252.3 | 250.7 | 243.1 |
| 10° | 325.6 | 324.9 | 321.8 | 317.2 | 311.9 | 307.3 | 298.9 | 287.4 | 279.1 | 277.5 | 266.8 |
| 12.5° | 372.3 | 372.3 | 367.6 | 360.8 | 353.1 | 346.3 | 337.9 | 324.9 | 315.7 | 313.4 | 300.4 |
| 15° | 425.0 | 427.3 | 420.4 | 412.8 | 402.1 | 392.2 | 384.5 | 370.7 | 360.1 | 357.7 | 341.7 |
| 17.5° | 486.9 | 487.7 | 480.1 | 470.1 | 457.9 | 448.8 | 437.2 | 422.7 | 410.5 | 408.3 | 388.3 |
| 20° | 558.0 | 557.3 | 548.1 | 534.4 | 520.6 | 512.2 | 497.7 | 481.6 | 467.8 | 466.3 | 442.6 |
| 22.5° | 639.0 | 633.0 | 626.0 | 608.5 | 597.0 | 580.9 | 565.7 | 547.4 | 534.4 | 532.0 | 506.9 |
| 25° | 730.1 | 721.6 | 714.7 | 691.8 | 675.0 | 655.9 | 639.9 | 623.8 | 613.1 | 608.5 | 578.7 |
| 27.5° | 832.5 | 827.2 | 813.3 | 785.1 | 759.1 | 735.4 | 723.1 | 707.9 | 696.4 | 694.1 | 663.5 |
| 30° | 947.2 | 934.2 | 919.6 | 885.3 | 850.1 | 818.0 | 805.7 | 799.6 | 791.2 | 788.2 | 753.7 |
| 32.5° | 1061.0 | 1060.3 | 1038.9 | 995.3 | 949.4 | 913.5 | 902.0 | 899.0 | 891.3 | 892.1 | 850.8 |
| 35° | 1195.6 | 1194.8 | 1168.1 | 1114.5 | 1057.2 | 1012.9 | 1005.3 | 1009.0 | 1006.8 | 1006.0 | 959.3 |
| 37.5° | 1338.5 | 1335.5 | 1305.7 | 1240.6 | 1169.5 | 1119.1 | 1113.8 | 1126.8 | 1136.7 | 1129.8 | 1075.5 |
| 40° | 1486.0 | 1488.4 | 1447.9 | 1371.4 | 1288.1 | 1230.7 | 1227.6 | 1257.5 | 1268.2 | 1261.3 | 1197.2 |
| 42.5° | 1629.0 | 1627.5 | 1589.3 | 1510.5 | 1408.1 | 1346.9 | 1349.3 | 1388.2 | 1401.2 | 1398.2 | 1327.1 |
| 45° | 1767.4 | 1765.8 | 1731.4 | 1639.7 | 1531.2 | 1464.7 | 1476.1 | 1523.5 | 1548.7 | 1548.7 | 1463.9 |
| 47.5° | 1888.9 | 1887.4 | 1857.6 | 1764.3 | 1649.6 | 1582.4 | 1600.7 | 1665.0 | 1707.0 | 1701.7 | 1601.5 |
| 50° | 1988.3 | 1986.1 | 1965.4 | 1879.8 | 1762.0 | 1697.8 | 1729.2 | 1812.5 | 1863.7 | 1852.3 | 1742.2 |
| 52.5° | 2051.7 | 2054.8 | 2044.9 | 1973.0 | 1862.9 | 1804.8 | 1853.0 | 1957.7 | 2014.3 | 2009.7 | 1885.1 |
| 55° | 2082.3 | 2083.9 | 2096.1 | 2040.3 | 1944.0 | 1899.6 | 1970.7 | 2097.7 | 2167.2 | 2161.1 | 2022.7 |
| 57.5° | 2067.8 | 2072.4 | 2105.2 | 2076.2 | 1999.8 | 1977.6 | 2076.2 | 2226.8 | 2310.1 | 2310.8 | 2144.2 |
| 60° | 2006.6 | 2018.9 | 2069.3 | 2076.2 | 2027.3 | 2028.1 | 2163.3 | 2341.4 | 2437.1 | 2431.7 | 2245.2 |
| 62.5° | 1904.2 | 1919.5 | 1992.9 | 2030.4 | 2013.6 | 2051.0 | 2220.7 | 2430.9 | 2528.7 | 2532.6 | 2317.8 |
| 65° | 1762.7 | 1777.3 | 1866.0 | 1940.9 | 1960.8 | 2038.0 | 2245.9 | 2487.5 | 2591.4 | 2590.7 | 2343.0 |
| 66° | 1695.5 | 1710.1 | 1804.8 | 1893.5 | 1928.7 | 2019.6 | 2244.4 | 2495.9 | 2599.8 | 2599.1 | 2339.2 |
| 67.5° | 1584.7 | 1600.7 | 1699.3 | 1807.1 | 1865.2 | 1979.1 | 2226.8 | 2491.3 | 2595.2 | 2593.7 | 2313.9 |
| 70° | 1379.9 | 1398.2 | 1508.2 | 1627.5 | 1724.6 | 1874.4 | 2156.5 | 2439.3 | 2538.7 | 2531.1 | 2220.7 |
| 72.5° | 1165.8 | 1184.9 | 1295.0 | 1421.9 | 1558.7 | 1736.0 | 2030.4 | 2319.3 | 2408.7 | 2398.8 | 2064.7 |
| 75° | 956.4 | 974.7 | 1083.2 | 1212.4 | 1360.7 | 1554.1 | 1853.0 | 2129.7 | 2200.8 | 2200.1 | 1854.5 |
| 77.5° | 765.2 | 781.2 | 878.3 | 1006.8 | 1156.5 | 1352.3 | 1635.1 | 1900.4 | 1958.4 | 1943.2 | 1604.6 |
| 80° | 600.1 | 615.4 | 698.7 | 814.2 | 960.1 | 1142.8 | 1396.6 | 1622.9 | 1654.2 | 1645.1 | 1340.8 |
| 82.5° | 465.5 | 479.3 | 551.9 | 652.0 | 783.6 | 944.1 | 1145.9 | 1343.1 | 1357.7 | 1347.7 | 1085.5 |
| 85° | 360.1 | 372.3 | 434.2 | 520.6 | 632.2 | 765.2 | 926.5 | 1066.4 | 1080.1 | 1073.3 | 857.7 |
| 87.5° | 279.1 | 287.4 | 339.4 | 412.0 | 506.1 | 613.9 | 734.6 | 842.4 | 837.1 | 830.2 | 663.5 |
| 90° | 215.5 | 224.0 | 266.8 | 327.1 | 404.4 | 488.5 | 577.1 | 649.8 | 639.9 | 632.2 | 509.1 |
| 92.5° | 167.5 | 173.5 | 211.0 | 261.5 | 324.1 | 388.3 | 451.0 | 497.7 | 484.7 | 479.3 | 388.3 |
| 95° | 132.3 | 136.9 | 166.6 | 213.3 | 261.5 | 310.4 | 353.1 | 386.1 | 366.9 | 362.3 | 295.8 |
| 97.5° | 106.3 | 109.4 | 134.5 | 172.0 | 212.5 | 250.0 | 279.1 | 292.8 | 278.2 | 274.5 | 225.5 |
| 100° | 87.2 | 88.7 | 110.1 | 139.9 | 172.8 | 203.4 | 221.7 | 227.8 | 212.5 | 209.5 | 172.0 |
| 102.5° | 71.8 | 73.3 | 90.9 | 117.7 | 143.7 | 165.1 | 176.6 | 180.4 | 161.3 | 159.0 | 133.0 |
| 105° | 60.4 | 61.2 | 75.7 | 99.3 | 120.8 | 136.1 | 143.7 | 139.9 | 124.6 | 122.3 | 103.9 |
| 107.5° | 52.0 | 52.8 | 63.4 | 84.8 | 102.4 | 113.9 | 118.5 | 113.1 | 97.1 | 94.8 | 81.8 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 74° | 75° | 85° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 110° | 45.1 | 45.1 | 54.3 | 71.8 | 87.2 | 97.1 | 98.6 | 90.2 | 76.4 | 74.9 | 65.8 |
| 112.5° | 39.8 | 39.8 | 47.4 | 61.9 | 74.9 | 82.6 | 82.6 | 73.3 | 60.4 | 59.6 | 53.5 |
| 115° | 35.9 | 35.9 | 41.3 | 53.5 | 65.0 | 71.1 | 69.6 | 59.6 | 48.9 | 48.2 | 44.3 |
| 117.5° | 32.1 | 32.1 | 35.9 | 45.8 | 55.9 | 61.2 | 58.8 | 48.9 | 39.8 | 39.0 | 37.4 |
| 120° | 29.1 | 29.1 | 32.1 | 39.0 | 48.2 | 52.0 | 49.7 | 40.5 | 32.8 | 32.1 | 31.3 |
| 122.5° | 26.8 | 26.8 | 28.2 | 34.4 | 41.3 | 44.3 | 42.0 | 33.7 | 27.5 | 27.5 | 26.8 |
| 125° | 24.4 | 24.4 | 26.0 | 29.8 | 35.2 | 38.3 | 35.2 | 27.5 | 22.9 | 22.9 | 23.7 |
| 127.5° | 22.9 | 22.9 | 23.7 | 26.0 | 30.6 | 32.1 | 29.1 | 22.9 | 19.8 | 19.8 | 20.7 |
| 130° | 20.7 | 20.7 | 21.4 | 22.9 | 25.3 | 26.8 | 23.7 | 19.1 | 17.6 | 16.8 | 17.6 |
| 132.5° | 19.1 | 19.1 | 19.1 | 19.8 | 20.7 | 21.4 | 19.1 | 15.2 | 14.5 | 14.5 | 15.2 |
| 135° | 16.8 | 17.6 | 16.8 | 16.8 | 16.8 | 16.8 | 14.5 | 12.3 | 12.3 | 12.3 | 13.0 |
| 137.5° | 15.2 | 15.2 | 14.5 | 13.8 | 13.8 | 13.0 | 11.5 | 9.9 | 9.9 | 9.9 | 10.7 |
| 140° | 13.0 | 13.0 | 13.0 | 11.5 | 9.9 | 9.2 | 7.7 | 7.7 | 8.4 | 8.4 | 9.2 |
| 142.5° | 10.7 | 10.7 | 9.9 | 9.2 | 6.9 | 6.1 | 5.3 | 5.3 | 6.1 | 6.1 | 6.9 |
| 145° | 8.4 | 8.4 | 7.7 | 6.1 | 4.6 | 3.1 | 3.1 | 3.1 | 3.8 | 3.8 | 4.6 |
| 147.5° | 6.1 | 6.1 | 5.3 | 3.8 | 2.3 | 1.5 | 1.5 | 2.3 | 3.1 | 3.1 | 3.8 |
| 150° | 3.8 | 3.8 | 3.1 | 2.3 | 0.7 | 0.0 | 0.7 | 1.5 | 2.3 | 2.3 | 3.1 |
| 152.5° | 1.5 | 1.5 | 1.5 | 0.7 | 0.0 | 0.0 | 0.0 | 0.7 | 1.5 | 1.5 | 2.3 |
| 155° | 0.0 | 0.0 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 0.7 | 0.7 | 1.5 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 0.7 | 0.7 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 |
| 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° | 212.5 | 212.5 | 212.5 | 212.5 | 212.5 | 212.5 | 212.5 | 212.5 | 212.5 | 212.5 | 212.5 |
| 2.5° | 214.0 | 212.5 | 209.5 | 207.1 | 204.1 | 202.5 | 201.8 | 200.3 | 199.5 | 198.8 | 198.8 |
| 5° | 223.2 | 220.1 | 214.8 | 209.5 | 204.9 | 200.3 | 197.9 | 195.7 | 193.4 | 191.9 | 191.9 |
| 7.5° | 238.6 | 233.9 | 225.5 | 217.1 | 209.5 | 203.4 | 198.8 | 195.7 | 192.6 | 191.1 | 190.4 |
| 10° | 259.9 | 253.8 | 242.3 | 230.9 | 220.1 | 211.0 | 204.9 | 201.0 | 197.9 | 195.7 | 195.0 |
| 12.5° | 293.6 | 284.4 | 267.6 | 250.7 | 233.9 | 224.0 | 215.5 | 213.3 | 211.8 | 210.2 | 211.8 |
| 15° | 332.6 | 321.1 | 300.4 | 278.2 | 257.6 | 241.5 | 234.7 | 233.1 | 231.6 | 230.9 | 230.9 |
| 17.5° | 376.1 | 363.9 | 336.3 | 307.3 | 282.0 | 266.1 | 256.0 | 253.1 | 250.7 | 250.0 | 249.2 |
| 20° | 428.8 | 412.8 | 377.7 | 340.1 | 310.4 | 292.8 | 279.1 | 273.6 | 271.4 | 271.4 | 271.4 |
| 22.5° | 490.0 | 468.6 | 425.0 | 376.1 | 341.7 | 317.2 | 302.7 | 294.3 | 292.8 | 293.6 | 292.8 |
| 25° | 558.8 | 532.9 | 477.0 | 416.6 | 371.5 | 340.9 | 322.6 | 315.0 | 312.6 | 314.1 | 314.1 |
| 27.5° | 636.8 | 606.9 | 532.9 | 459.4 | 399.8 | 361.6 | 340.9 | 334.1 | 331.7 | 334.1 | 334.1 |
| 30° | 718.5 | 685.0 | 591.0 | 499.9 | 424.2 | 378.4 | 355.5 | 350.2 | 347.8 | 350.2 | 350.9 |
| 32.5° | 816.4 | 766.0 | 652.0 | 538.9 | 447.2 | 392.2 | 367.6 | 363.1 | 360.8 | 363.9 | 363.9 |
| 35° | 917.3 | 855.4 | 713.2 | 574.9 | 465.5 | 402.1 | 376.1 | 372.3 | 370.7 | 373.8 | 373.8 |
| 37.5° | 1019.8 | 952.5 | 775.9 | 606.9 | 479.3 | 409.0 | 382.2 | 379.2 | 378.4 | 378.4 | 379.2 |
| 40° | 1132.1 | 1048.0 | 835.5 | 633.0 | 489.3 | 412.8 | 386.1 | 382.2 | 381.5 | 380.6 | 380.6 |
| 42.5° | 1248.3 | 1140.6 | 889.0 | 652.8 | 493.8 | 413.6 | 386.1 | 383.7 | 383.0 | 379.9 | 379.2 |
| 45° | 1367.6 | 1239.2 | 939.5 | 666.6 | 495.3 | 412.0 | 385.2 | 383.0 | 382.2 | 376.9 | 376.1 |
| 47.5° | 1489.1 | 1333.9 | 980.8 | 672.7 | 491.5 | 409.0 | 383.0 | 380.6 | 379.2 | 370.7 | 370.7 |
| 50° | 1609.1 | 1427.2 | 1015.9 | 673.5 | 485.4 | 403.7 | 379.9 | 379.2 | 376.1 | 366.2 | 364.7 |
| 52.5° | 1726.8 | 1515.1 | 1042.0 | 668.1 | 475.5 | 398.2 | 376.9 | 376.9 | 373.1 | 362.3 | 360.8 |
| 55° | 1837.7 | 1593.9 | 1057.2 | 655.9 | 464.0 | 391.4 | 373.1 | 373.8 | 370.0 | 358.5 | 357.0 |
| 57.5° | 1934.0 | 1658.8 | 1059.5 | 637.5 | 451.0 | 384.5 | 369.2 | 370.7 | 368.5 | 355.5 | 353.9 |
| 60° | 2011.2 | 1700.1 | 1048.8 | 615.4 | 435.8 | 376.1 | 364.7 | 367.6 | 365.4 | 353.1 | 352.4 |
| 62.5° | 2053.3 | 1716.2 | 1022.0 | 587.9 | 420.4 | 368.5 | 358.5 | 363.9 | 362.3 | 350.2 | 349.3 |
| 65° | 2056.3 | 1696.3 | 977.7 | 556.5 | 404.4 | 359.3 | 353.1 | 357.7 | 357.7 | 347.1 | 346.3 |
| 66° | 2044.9 | 1676.4 | 955.5 | 544.3 | 397.5 | 355.5 | 350.2 | 355.5 | 356.2 | 346.3 | 344.7 |
| 67.5° | 2009.0 | 1635.1 | 917.3 | 522.8 | 386.8 | 349.3 | 344.7 | 350.9 | 351.7 | 343.2 | 340.9 |
| 70° | 1908.8 | 1534.2 | 847.7 | 487.7 | 369.2 | 337.2 | 334.8 | 340.9 | 342.5 | 335.6 | 333.3 |
| 72.5° | 1755.2 | 1402.0 | 766.0 | 449.5 | 349.3 | 323.4 | 322.6 | 328.7 | 330.2 | 324.1 | 321.8 |
| 75° | 1561.0 | 1228.5 | 675.8 | 412.0 | 328.0 | 308.1 | 307.3 | 311.9 | 314.1 | 309.6 | 305.8 |
| 77.5° | 1339.2 | 1050.4 | 587.1 | 373.8 | 306.6 | 290.5 | 290.5 | 294.3 | 295.1 | 290.5 | 286.6 |
| 80° | 1112.3 | 874.5 | 506.9 | 335.6 | 284.4 | 270.6 | 270.6 | 272.1 | 272.9 | 268.3 | 263.7 |
| 82.5° | 899.0 | 713.2 | 429.6 | 298.9 | 259.1 | 248.5 | 247.7 | 247.7 | 246.9 | 243.1 | 237.7 |
| 85° | 711.0 | 572.5 | 359.3 | 264.5 | 234.7 | 226.3 | 224.0 | 221.7 | 220.1 | 215.5 | 211.0 |
| 87.5° | 555.8 | 455.6 | 302.7 | 232.4 | 210.2 | 203.4 | 200.3 | 197.2 | 193.4 | 188.0 | 182.0 |
| 90° | 431.9 | 360.8 | 252.3 | 202.5 | 185.8 | 179.6 | 175.0 | 170.4 | 165.9 | 159.8 | 156.7 |
| 92.5° | 334.8 | 285.1 | 211.0 | 174.3 | 162.9 | 158.3 | 153.6 | 147.5 | 141.4 | 135.3 | 132.3 |
| 95° | 260.6 | 227.0 | 175.0 | 150.6 | 142.2 | 138.4 | 133.8 | 126.8 | 119.3 | 113.1 | 110.9 |
| 97.5° | 203.4 | 180.4 | 146.0 | 129.9 | 124.6 | 120.0 | 115.4 | 108.5 | 100.1 | 93.3 | 91.8 |
| 100° | 158.3 | 143.7 | 122.3 | 112.4 | 107.8 | 104.8 | 100.1 | 93.3 | 83.4 | 76.4 | 75.7 |
| 102.5° | 125.4 | 115.4 | 102.4 | 97.1 | 94.0 | 90.9 | 86.3 | 79.5 | 69.6 | 61.9 | 61.9 |
| 105° | 99.3 | 93.3 | 86.3 | 83.4 | 81.0 | 78.8 | 74.2 | 67.3 | 56.6 | 50.4 | 50.4 |
| 107.5° | 80.3 | 75.7 | 72.6 | 71.1 | 70.4 | 68.0 | 64.2 | 56.6 | 46.6 | 41.3 | 41.3 |



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CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 110° | 65.0 | 62.7 | 61.2 | 61.2 | 60.4 | 59.6 | 55.0 | 47.4 | 38.3 | 33.7 | 34.4 |
| 112.5° | 53.5 | 52.0 | 52.0 | 52.8 | 52.8 | 51.2 | 46.6 | 39.8 | 31.3 | 28.2 | 28.2 |
| 115° | 44.3 | 43.6 | 44.3 | 45.1 | 45.8 | 44.3 | 39.8 | 32.8 | 25.3 | 23.7 | 23.7 |
| 117.5° | 37.4 | 37.4 | 38.3 | 39.0 | 39.0 | 37.4 | 33.7 | 27.5 | 20.7 | 19.8 | 19.8 |
| 120° | 32.1 | 32.1 | 32.1 | 32.8 | 33.7 | 32.1 | 28.2 | 22.2 | 16.8 | 16.8 | 16.8 |
| 122.5° | 27.5 | 27.5 | 27.5 | 28.2 | 28.2 | 27.5 | 23.7 | 18.3 | 14.5 | 14.5 | 14.5 |
| 125° | 23.7 | 23.7 | 23.7 | 24.4 | 24.4 | 22.9 | 19.1 | 15.2 | 12.3 | 12.3 | 12.3 |
| 127.5° | 20.7 | 20.7 | 20.7 | 20.7 | 20.7 | 19.1 | 16.1 | 12.3 | 9.9 | 10.7 | 10.7 |
| 130° | 18.3 | 18.3 | 17.6 | 17.6 | 16.8 | 16.1 | 13.0 | 9.9 | 8.4 | 9.2 | 9.2 |
| 132.5° | 15.2 | 16.1 | 15.2 | 14.5 | 13.8 | 12.3 | 9.9 | 7.7 | 6.9 | 7.7 | 7.7 |
| 135° | 13.0 | 13.8 | 13.0 | 11.5 | 10.7 | 9.9 | 7.7 | 6.1 | 6.1 | 6.1 | 6.1 |
| 137.5° | 11.5 | 11.5 | 10.7 | 9.2 | 8.4 | 6.9 | 5.3 | 4.6 | 4.6 | 5.3 | 5.3 |
| 140° | 9.2 | 9.2 | 8.4 | 6.9 | 6.1 | 4.6 | 3.1 | 3.1 | 3.8 | 3.8 | 3.8 |
| 142.5° | 6.9 | 6.9 | 6.1 | 4.6 | 3.1 | 2.3 | 1.5 | 1.5 | 2.3 | 3.1 | 3.1 |
| 145° | 4.6 | 4.6 | 4.6 | 3.1 | 2.3 | 0.7 | 0.0 | 0.7 | 1.5 | 1.5 | 1.5 |
| 147.5° | 3.8 | 3.8 | 3.1 | 2.3 | 0.7 | 0.0 | 0.0 | 0.0 | 0.7 | 0.7 | 0.7 |
| 150° | 3.1 | 3.1 | 2.3 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 2.3 | 2.3 | 1.5 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 1.5 | 1.5 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.7 | 0.7 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.7 | 0.7 | 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)