

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: P266135

Luminaire Tested: **LXF.LXT-AF24-60-D-U-T4W-A-7027**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P266135
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1806-803-20)
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-T4W-A-7027
Description: DECORATIVE POST TOP LUMINAIRE
(1) 70 CRI, 2700K, 800mA LIGHT ENGINE WITH 24 LEDS AND TYPE IV WIDE OPTICS AND REFRACTOR PANELS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5371.6 lumens
Efficiency: N/A
Efficacy: 83.9 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 1.17' x L: 1.17' x H: 0.83')
IES Classification: Type IV - Medium - Non-Cutoff
BUG Rating: B1 - 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

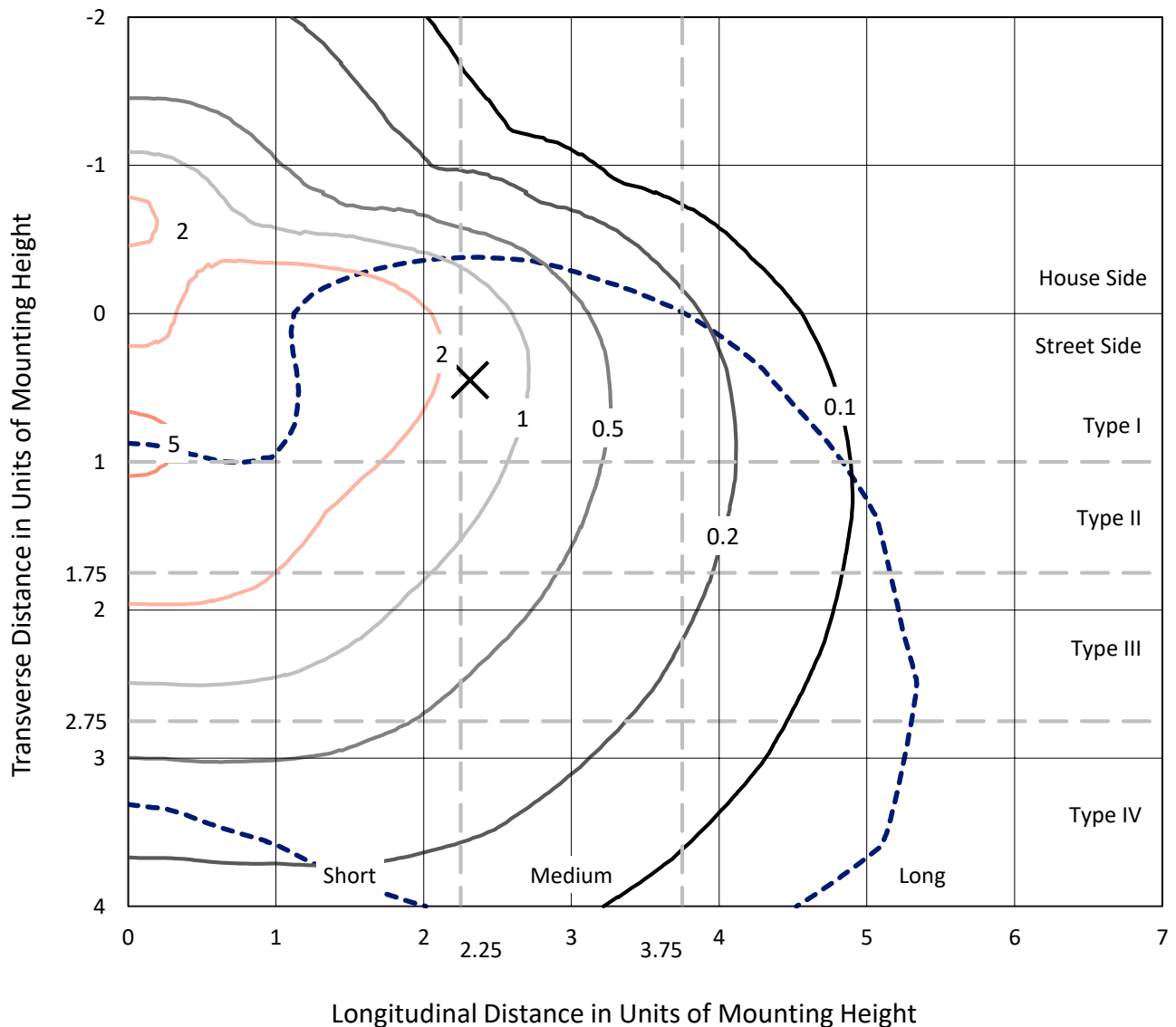


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

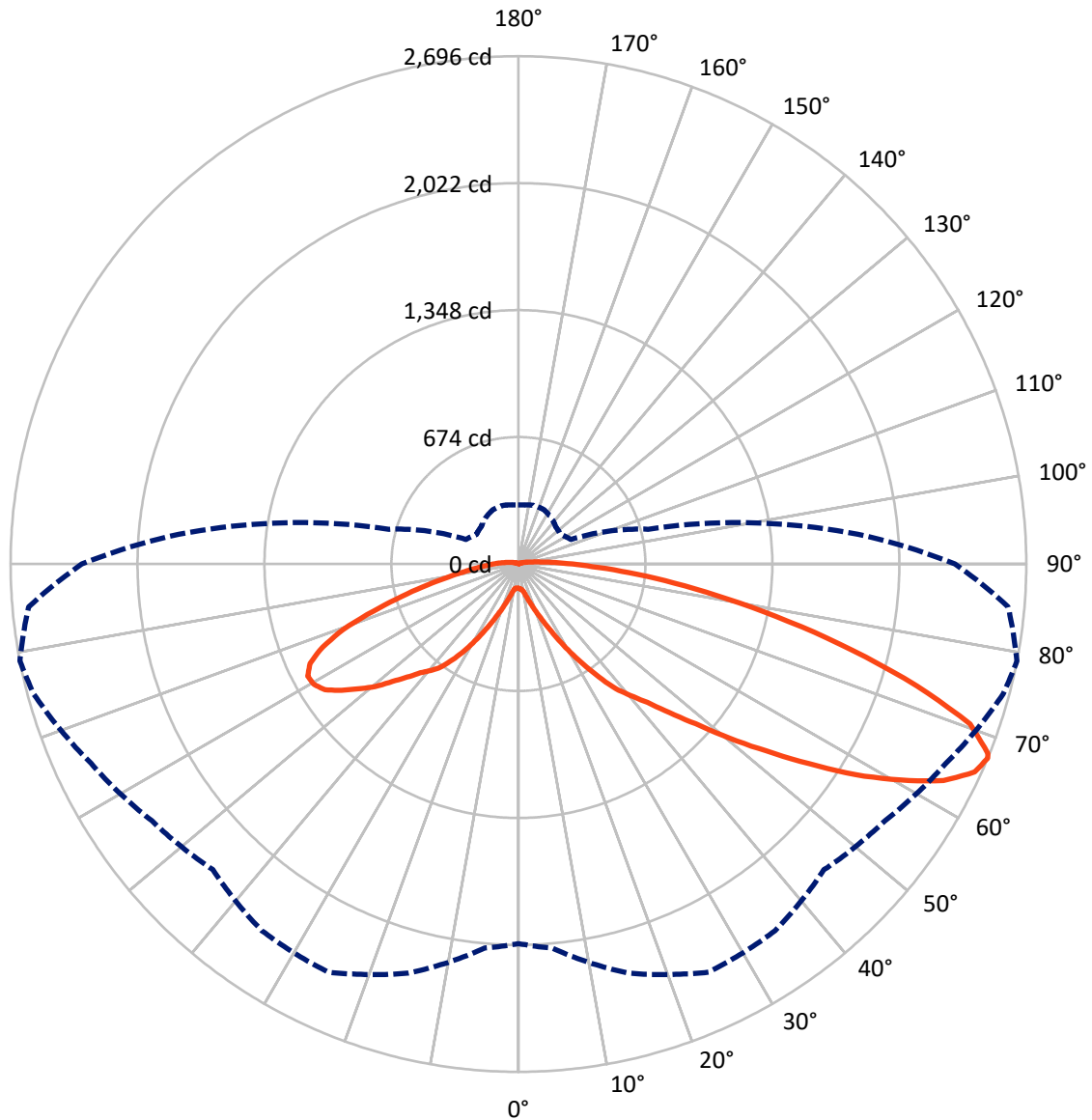


Based on 10 foot mounting height. Maximum calculated value = 5.7 fc
 Type IV - Medium - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 79-Deg Lateral - - - Horizontal Cone Through 67-Deg Vertical

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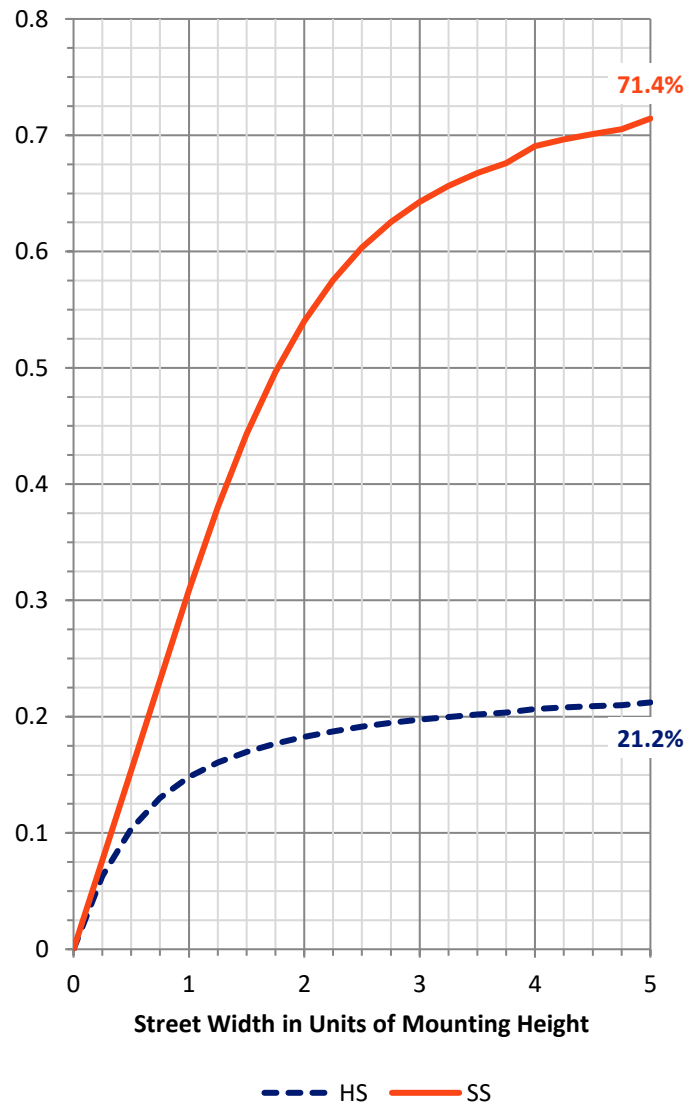
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1197.9 | 80.8 | 1278.7 |
| | % Fixture | 22.3 | 1.5 | 23.8 |
| Street Side | Lumens | 3980.8 | 112.0 | 4092.9 |
| | % Fixture | 74.1 | 2.1 | 76.2 |
| Total | Lumens | 5178.8 | 192.8 | 5371.6 |
| | % Fixture | 96.4 | 3.6 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 13.0 | 0.2 |
| 10°-20° | 55.2 | 1.0 |
| 20°-30° | 159.2 | 3.0 |
| 30°-40° | 361.1 | 6.7 |
| 40°-50° | 627.3 | 11.7 |
| 50°-60° | 1005.2 | 18.7 |
| 60°-70° | 1400.7 | 26.1 |
| 70°-80° | 1106.4 | 20.6 |
| 80°-90° | 450.6 | 8.4 |
| 90°-100° | 128.5 | 2.4 |
| 100°-110° | 38.2 | 0.7 |
| 110°-120° | 14.8 | 0.3 |
| 120°-130° | 7.1 | 0.1 |
| 130°-140° | 3.2 | 0.1 |
| 140°-150° | 0.9 | 0.0 |
| 150°-160° | 0.1 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-90° | 5178.8 | 96.4 |
| 0°-180° | 5371.6 | 100.0 |



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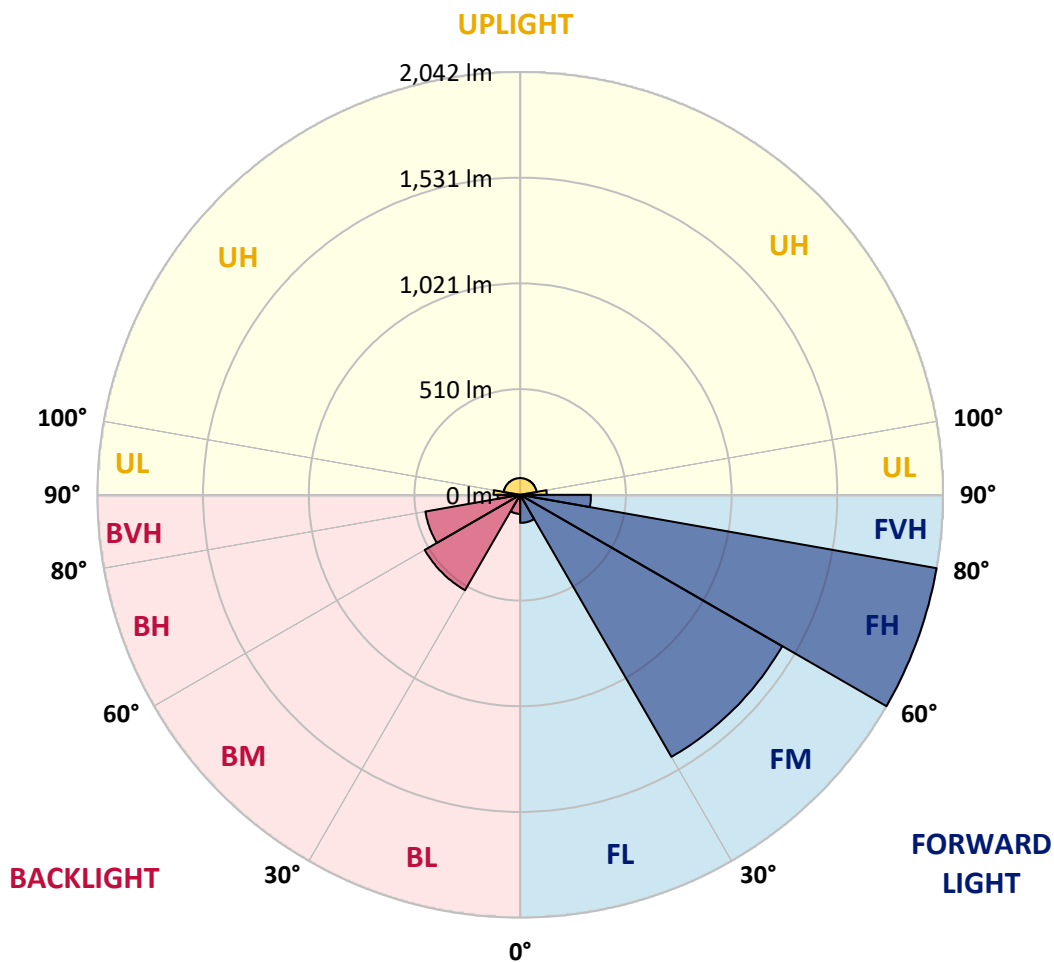
CATALOG NUMBER: LXF.LXT-AF24-60-D-U-T4W-A-7027

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|--------|---------|
| | | | B | U | G |
| FL (0°-30°) | 135.6 | 2.5 | | | |
| FM (30°-60°) | 1461.4 | 27.2 | | | |
| FH (60°-80°) | 2042.0 | 38.0 | | | G2/5000 |
| FVH (80°-90°) | 341.8 | 6.4 | | | G3/500 |
| BL (0°-30°) | 91.8 | 1.7 | B0/110 | | |
| BM (30°-60°) | 532.2 | 9.9 | B1/1000 | | |
| BH (60°-80°) | 465.1 | 8.7 | B1/500 | | G1/500 |
| BVH (80°-90°) | 108.8 | 2.0 | | | G2/225 |
| UL (90°-100°) | 128.5 | 2.4 | | U3/500 | |
| UH (100°-180°) | 80.8 | 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° | 75° | 79° | 85° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 129.1 | 129.1 | 129.1 | 129.1 | 129.1 | 129.1 | 129.1 | 129.1 | 129.1 | 129.1 | 129.1 |
| 2.5° | 137.6 | 137.6 | 138.2 | 138.2 | 138.2 | 137.0 | 135.0 | 133.0 | 131.8 | 131.2 | 129.8 |
| 5° | 148.0 | 147.4 | 148.0 | 147.4 | 147.4 | 144.7 | 141.6 | 138.2 | 135.7 | 134.3 | 132.5 |
| 7.5° | 163.0 | 163.0 | 162.4 | 161.1 | 159.7 | 155.1 | 149.9 | 146.1 | 142.2 | 139.5 | 137.6 |
| 10° | 181.7 | 182.4 | 181.2 | 178.0 | 174.7 | 168.8 | 163.0 | 157.8 | 152.0 | 148.7 | 146.1 |
| 12.5° | 211.0 | 211.0 | 208.4 | 201.3 | 193.4 | 186.4 | 179.9 | 174.7 | 172.0 | 168.8 | 166.2 |
| 15° | 247.5 | 246.8 | 242.8 | 231.9 | 221.4 | 209.0 | 204.5 | 201.3 | 199.3 | 196.8 | 193.4 |
| 17.5° | 290.2 | 289.7 | 282.4 | 267.5 | 251.3 | 242.3 | 235.0 | 231.9 | 233.1 | 230.5 | 227.9 |
| 20° | 341.5 | 340.3 | 329.1 | 308.4 | 292.2 | 279.8 | 272.0 | 268.9 | 272.7 | 270.7 | 268.9 |
| 22.5° | 407.1 | 403.9 | 388.2 | 358.5 | 339.6 | 319.4 | 312.3 | 311.1 | 320.1 | 320.1 | 320.1 |
| 25° | 485.1 | 481.9 | 458.5 | 424.0 | 390.9 | 366.1 | 359.1 | 366.1 | 381.2 | 383.0 | 387.0 |
| 27.5° | 575.3 | 571.4 | 542.8 | 494.7 | 450.6 | 417.5 | 411.7 | 425.9 | 449.3 | 458.5 | 462.3 |
| 30° | 681.8 | 679.2 | 638.2 | 577.3 | 514.9 | 473.3 | 466.8 | 492.8 | 529.2 | 543.5 | 553.1 |
| 32.5° | 807.8 | 804.5 | 745.5 | 673.3 | 586.4 | 534.4 | 529.2 | 568.7 | 623.3 | 637.0 | 656.4 |
| 35° | 963.5 | 960.3 | 882.5 | 781.7 | 666.3 | 599.3 | 599.3 | 650.6 | 717.4 | 736.3 | 760.3 |
| 37.5° | 1120.0 | 1119.4 | 1040.9 | 906.4 | 754.4 | 670.8 | 672.0 | 731.1 | 811.6 | 840.9 | 862.9 |
| 40° | 1272.5 | 1273.9 | 1184.3 | 1030.4 | 853.2 | 749.2 | 748.6 | 808.4 | 892.1 | 917.4 | 938.9 |
| 42.5° | 1411.5 | 1411.0 | 1326.5 | 1162.2 | 955.7 | 834.3 | 822.7 | 881.1 | 970.1 | 1004.5 | 1033.1 |
| 45° | 1508.3 | 1515.5 | 1450.6 | 1281.1 | 1059.0 | 922.6 | 898.7 | 963.5 | 1077.2 | 1124.6 | 1162.9 |
| 47.5° | 1628.4 | 1629.0 | 1569.3 | 1392.7 | 1164.8 | 1014.1 | 992.2 | 1074.0 | 1218.1 | 1267.5 | 1307.8 |
| 50° | 1760.9 | 1767.3 | 1720.1 | 1533.0 | 1284.3 | 1117.4 | 1109.0 | 1212.3 | 1383.7 | 1453.2 | 1503.1 |
| 52.5° | 1873.9 | 1881.7 | 1852.5 | 1693.3 | 1428.5 | 1249.9 | 1249.9 | 1381.1 | 1564.8 | 1647.9 | 1696.5 |
| 55° | 1957.0 | 1970.1 | 1977.1 | 1847.3 | 1591.4 | 1405.0 | 1419.4 | 1566.7 | 1770.6 | 1870.0 | 1929.1 |
| 57.5° | 2023.3 | 2041.4 | 2075.2 | 1984.3 | 1751.9 | 1591.4 | 1612.2 | 1770.0 | 2018.0 | 2110.8 | 2173.2 |
| 60° | 2121.3 | 2142.1 | 2203.2 | 2131.0 | 1936.2 | 1792.1 | 1820.0 | 1992.0 | 2245.4 | 2329.0 | 2376.5 |
| 62.5° | 2131.0 | 2156.3 | 2279.7 | 2290.0 | 2109.0 | 1988.2 | 2049.8 | 2218.6 | 2460.2 | 2533.0 | 2543.3 |
| 65° | 2086.3 | 2119.3 | 2283.0 | 2377.8 | 2292.7 | 2171.9 | 2258.9 | 2414.1 | 2614.1 | 2662.1 | 2635.4 |
| 67° | 2014.8 | 2046.6 | 2247.9 | 2390.7 | 2375.7 | 2294.6 | 2375.7 | 2503.8 | 2664.2 | 2696.0 | 2610.1 |
| 67.5° | 1984.3 | 2014.8 | 2228.4 | 2388.1 | 2386.2 | 2316.1 | 2394.6 | 2523.2 | 2666.7 | 2688.1 | 2591.4 |
| 70° | 1788.9 | 1831.0 | 2059.5 | 2305.1 | 2381.6 | 2335.6 | 2427.7 | 2516.7 | 2551.7 | 2544.0 | 2405.0 |
| 72.5° | 1445.4 | 1485.0 | 1734.3 | 2077.8 | 2253.0 | 2229.8 | 2311.5 | 2327.8 | 2266.1 | 2212.9 | 2023.3 |
| 75° | 1060.3 | 1077.8 | 1307.8 | 1677.1 | 1964.9 | 1991.5 | 2053.0 | 2016.8 | 1903.8 | 1833.0 | 1640.1 |
| 77.5° | 736.3 | 753.9 | 930.5 | 1270.1 | 1584.3 | 1683.7 | 1744.7 | 1691.4 | 1572.7 | 1464.1 | 1253.9 |
| 80° | 487.6 | 496.8 | 635.0 | 925.3 | 1242.7 | 1381.1 | 1433.7 | 1379.1 | 1228.5 | 1122.1 | 922.6 |
| 82.5° | 297.3 | 314.9 | 414.8 | 648.7 | 960.9 | 1131.1 | 1169.5 | 1106.4 | 943.4 | 833.1 | 664.8 |
| 85° | 178.6 | 187.7 | 265.5 | 438.3 | 707.1 | 897.3 | 933.7 | 852.0 | 686.9 | 587.6 | 445.4 |
| 87.5° | 110.4 | 114.3 | 166.8 | 283.8 | 496.0 | 670.0 | 709.0 | 612.3 | 463.5 | 391.5 | 298.1 |
| 90° | 71.4 | 74.6 | 109.8 | 186.9 | 327.9 | 477.2 | 494.7 | 416.9 | 308.4 | 261.0 | 201.8 |
| 92.5° | 48.1 | 50.7 | 74.6 | 124.1 | 215.6 | 313.0 | 325.9 | 275.3 | 203.8 | 174.0 | 137.6 |
| 95° | 33.7 | 35.8 | 52.6 | 84.4 | 140.2 | 192.9 | 206.5 | 178.6 | 133.0 | 115.0 | 94.9 |
| 97.5° | 26.1 | 27.3 | 39.6 | 61.1 | 94.9 | 124.7 | 129.8 | 116.2 | 90.3 | 79.2 | 68.8 |
| 100° | 20.8 | 22.1 | 31.3 | 46.2 | 68.2 | 85.1 | 88.4 | 79.9 | 63.6 | 57.1 | 50.7 |
| 102.5° | 18.1 | 18.1 | 25.3 | 36.3 | 51.4 | 63.1 | 63.6 | 57.1 | 46.7 | 42.2 | 38.9 |
| 105° | 15.6 | 15.6 | 20.8 | 29.3 | 41.0 | 48.7 | 48.7 | 42.2 | 34.5 | 31.3 | 29.9 |
| 107.5° | 12.9 | 13.7 | 17.5 | 23.4 | 32.5 | 38.9 | 37.6 | 31.3 | 24.7 | 22.7 | 22.1 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 79° | 85° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 110° | 11.0 | 11.7 | 14.9 | 19.5 | 26.6 | 31.8 | 29.9 | 24.1 | 18.1 | 16.9 | 16.9 |
| 112.5° | 9.7 | 10.4 | 12.3 | 16.9 | 22.7 | 26.6 | 24.1 | 18.1 | 13.7 | 12.9 | 13.7 |
| 115° | 9.2 | 9.2 | 11.0 | 14.9 | 19.5 | 22.1 | 20.1 | 14.9 | 11.0 | 10.4 | 11.0 |
| 117.5° | 7.7 | 8.4 | 9.7 | 12.9 | 17.5 | 18.9 | 16.9 | 11.7 | 8.4 | 8.4 | 9.7 |
| 120° | 7.7 | 7.7 | 9.2 | 11.7 | 15.6 | 16.9 | 14.4 | 9.7 | 7.1 | 7.1 | 8.4 |
| 122.5° | 7.1 | 7.1 | 8.4 | 11.0 | 13.7 | 14.9 | 12.3 | 8.4 | 6.5 | 6.5 | 7.1 |
| 125° | 7.1 | 7.1 | 8.4 | 10.4 | 12.3 | 12.3 | 10.4 | 7.1 | 5.8 | 5.8 | 6.5 |
| 127.5° | 7.7 | 7.7 | 8.4 | 9.7 | 11.0 | 11.0 | 9.2 | 6.5 | 5.2 | 5.2 | 5.8 |
| 130° | 7.7 | 7.7 | 7.7 | 9.2 | 9.7 | 9.2 | 7.7 | 5.8 | 5.2 | 5.2 | 5.8 |
| 132.5° | 7.7 | 7.7 | 7.7 | 7.7 | 8.4 | 7.7 | 6.5 | 4.5 | 4.5 | 4.5 | 5.2 |
| 135° | 7.1 | 7.1 | 6.5 | 7.1 | 7.1 | 5.8 | 4.5 | 3.2 | 4.0 | 4.0 | 4.5 |
| 137.5° | 5.8 | 5.8 | 5.8 | 5.8 | 5.2 | 4.5 | 3.2 | 2.5 | 3.2 | 4.0 | 4.0 |
| 140° | 5.2 | 5.2 | 4.5 | 4.5 | 4.0 | 3.2 | 1.9 | 2.5 | 3.2 | 3.2 | 3.2 |
| 142.5° | 4.0 | 4.0 | 4.0 | 3.2 | 2.5 | 1.9 | 1.3 | 1.9 | 2.5 | 2.5 | 3.2 |
| 145° | 2.5 | 2.5 | 2.5 | 1.9 | 1.3 | 0.7 | 1.3 | 1.3 | 1.9 | 2.5 | 2.5 |
| 147.5° | 1.3 | 1.3 | 1.3 | 0.7 | 0.7 | 0.7 | 0.7 | 1.3 | 1.9 | 1.9 | 1.9 |
| 150° | 0.0 | 0.0 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 1.3 | 1.9 | 1.9 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 1.3 | 1.3 | 1.3 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 0.7 | 1.3 |
| 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 | 0.0 |
| 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° | 129.1 | 129.1 | 129.1 | 129.1 | 129.1 | 129.1 | 129.1 | 129.1 | 129.1 | 129.1 | 129.1 |
| 2.5° | 129.1 | 128.5 | 126.7 | 125.4 | 124.1 | 123.3 | 122.7 | 122.7 | 122.1 | 121.5 | 121.5 |
| 5° | 131.2 | 129.8 | 126.7 | 124.1 | 122.1 | 120.7 | 119.5 | 118.8 | 117.5 | 116.9 | 116.9 |
| 7.5° | 135.0 | 133.0 | 129.1 | 124.7 | 121.5 | 119.5 | 118.1 | 116.9 | 115.6 | 115.6 | 115.6 |
| 10° | 142.8 | 140.2 | 134.3 | 128.5 | 123.3 | 120.7 | 119.5 | 118.1 | 118.1 | 117.5 | 117.5 |
| 12.5° | 162.4 | 158.5 | 148.7 | 138.2 | 129.1 | 125.4 | 124.1 | 127.3 | 131.2 | 131.8 | 133.8 |
| 15° | 189.0 | 185.1 | 172.7 | 157.8 | 142.8 | 134.3 | 139.0 | 144.7 | 151.3 | 156.5 | 156.5 |
| 17.5° | 222.2 | 217.5 | 200.6 | 179.9 | 161.7 | 156.5 | 157.8 | 166.2 | 175.3 | 179.9 | 180.5 |
| 20° | 262.9 | 256.5 | 233.1 | 204.5 | 184.4 | 176.5 | 178.6 | 186.9 | 200.1 | 206.5 | 207.8 |
| 22.5° | 314.2 | 304.5 | 273.4 | 233.1 | 208.4 | 198.0 | 200.1 | 210.4 | 227.9 | 237.1 | 240.2 |
| 25° | 379.2 | 366.9 | 319.4 | 267.5 | 232.4 | 216.9 | 222.7 | 238.9 | 261.0 | 274.6 | 274.1 |
| 27.5° | 453.9 | 434.4 | 375.3 | 303.2 | 256.5 | 235.0 | 244.1 | 266.8 | 293.4 | 309.0 | 311.1 |
| 30° | 543.5 | 518.1 | 436.3 | 340.8 | 277.2 | 251.3 | 262.9 | 291.5 | 321.5 | 342.2 | 344.1 |
| 32.5° | 642.7 | 613.0 | 498.6 | 378.5 | 294.1 | 263.7 | 276.6 | 312.3 | 346.7 | 371.4 | 372.1 |
| 35° | 744.8 | 706.4 | 557.8 | 411.1 | 308.4 | 273.4 | 287.0 | 327.9 | 368.1 | 396.7 | 398.7 |
| 37.5° | 842.2 | 797.3 | 612.3 | 432.4 | 317.6 | 278.6 | 292.8 | 340.8 | 386.4 | 416.9 | 418.8 |
| 40° | 915.6 | 860.3 | 646.1 | 439.6 | 319.4 | 281.2 | 298.1 | 346.0 | 386.4 | 409.6 | 411.1 |
| 42.5° | 1007.7 | 935.0 | 670.8 | 432.4 | 314.2 | 281.2 | 299.9 | 339.6 | 370.7 | 386.4 | 386.4 |
| 45° | 1131.1 | 1041.5 | 708.5 | 424.0 | 303.8 | 279.3 | 294.7 | 325.2 | 346.0 | 353.8 | 353.8 |
| 47.5° | 1278.5 | 1161.6 | 746.8 | 418.2 | 296.1 | 274.6 | 287.0 | 307.8 | 318.8 | 319.4 | 318.2 |
| 50° | 1464.9 | 1313.5 | 794.1 | 409.6 | 291.5 | 270.1 | 279.8 | 293.4 | 299.9 | 297.3 | 296.1 |
| 52.5° | 1642.7 | 1448.5 | 827.9 | 399.3 | 289.0 | 268.1 | 276.0 | 287.6 | 289.7 | 281.8 | 279.8 |
| 55° | 1855.1 | 1607.0 | 851.2 | 382.5 | 286.3 | 269.4 | 276.0 | 285.8 | 284.5 | 274.1 | 272.0 |
| 57.5° | 2066.7 | 1755.6 | 872.1 | 367.4 | 283.8 | 271.4 | 278.6 | 287.0 | 284.5 | 274.6 | 272.7 |
| 60° | 2229.1 | 1857.7 | 860.3 | 352.0 | 281.2 | 274.6 | 283.1 | 291.5 | 291.5 | 283.8 | 283.1 |
| 62.5° | 2356.3 | 1918.7 | 832.4 | 335.6 | 279.3 | 277.2 | 289.0 | 301.3 | 303.8 | 298.1 | 297.3 |
| 65° | 2384.9 | 1894.0 | 778.6 | 320.1 | 276.6 | 279.3 | 296.7 | 312.3 | 314.2 | 308.4 | 307.8 |
| 67° | 2317.9 | 1809.5 | 712.3 | 307.1 | 272.7 | 279.8 | 301.9 | 318.8 | 321.5 | 315.6 | 313.6 |
| 67.5° | 2288.8 | 1776.5 | 695.4 | 303.8 | 271.4 | 279.8 | 302.5 | 319.4 | 322.8 | 316.8 | 314.9 |
| 70° | 2064.8 | 1579.8 | 605.2 | 285.8 | 262.9 | 276.6 | 303.8 | 324.0 | 325.9 | 318.8 | 316.3 |
| 72.5° | 1710.9 | 1273.9 | 500.6 | 268.1 | 252.6 | 268.1 | 299.3 | 320.8 | 320.1 | 309.7 | 307.8 |
| 75° | 1356.4 | 998.6 | 403.2 | 248.0 | 238.3 | 255.2 | 287.0 | 305.9 | 301.9 | 289.7 | 287.0 |
| 77.5° | 1030.4 | 746.8 | 327.9 | 227.9 | 222.2 | 238.3 | 266.2 | 279.8 | 272.0 | 260.4 | 257.8 |
| 80° | 734.4 | 537.6 | 266.8 | 209.0 | 204.5 | 218.7 | 240.2 | 247.5 | 242.3 | 231.1 | 227.9 |
| 82.5° | 513.7 | 386.4 | 222.2 | 190.3 | 187.7 | 198.6 | 212.3 | 219.5 | 216.9 | 207.1 | 204.5 |
| 85° | 355.2 | 270.1 | 186.9 | 171.4 | 170.0 | 178.0 | 186.4 | 190.9 | 192.9 | 187.7 | 184.4 |
| 87.5° | 238.9 | 198.6 | 159.1 | 150.6 | 151.3 | 157.2 | 163.0 | 167.5 | 173.4 | 172.7 | 169.5 |
| 90° | 170.8 | 148.7 | 133.0 | 129.1 | 130.6 | 137.0 | 139.5 | 142.2 | 149.4 | 149.4 | 147.4 |
| 92.5° | 122.1 | 112.9 | 107.7 | 106.4 | 109.1 | 114.3 | 115.6 | 116.2 | 121.5 | 122.1 | 118.1 |
| 95° | 87.0 | 82.5 | 84.4 | 85.7 | 88.4 | 92.9 | 92.2 | 90.3 | 92.9 | 92.9 | 89.7 |
| 97.5° | 64.3 | 63.1 | 66.8 | 68.2 | 70.1 | 74.0 | 72.0 | 68.8 | 70.7 | 68.2 | 66.3 |
| 100° | 49.3 | 49.3 | 53.9 | 54.5 | 55.9 | 57.9 | 57.1 | 54.5 | 55.2 | 51.9 | 50.7 |
| 102.5° | 38.9 | 39.6 | 42.8 | 43.5 | 44.7 | 46.7 | 45.5 | 44.1 | 42.8 | 38.9 | 38.9 |
| 105° | 30.5 | 31.3 | 33.7 | 34.5 | 35.8 | 37.6 | 37.0 | 35.0 | 33.1 | 29.9 | 29.9 |
| 107.5° | 23.4 | 24.7 | 26.6 | 27.3 | 28.6 | 30.5 | 29.9 | 27.3 | 24.7 | 22.7 | 22.7 |



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CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 110° | 18.1 | 19.5 | 21.4 | 22.1 | 22.7 | 24.7 | 23.4 | 20.8 | 18.9 | 17.5 | 17.5 |
| 112.5° | 14.9 | 15.6 | 17.5 | 18.1 | 18.9 | 20.1 | 18.9 | 16.2 | 14.4 | 13.7 | 13.7 |
| 115° | 12.3 | 12.9 | 14.4 | 14.9 | 16.2 | 16.2 | 14.9 | 12.3 | 11.0 | 11.0 | 11.0 |
| 117.5° | 10.4 | 11.0 | 12.3 | 12.9 | 12.9 | 13.7 | 11.7 | 9.7 | 8.4 | 9.2 | 9.2 |
| 120° | 9.2 | 9.2 | 10.4 | 10.4 | 11.0 | 11.0 | 9.7 | 7.7 | 6.5 | 7.1 | 7.7 |
| 122.5° | 7.7 | 7.7 | 8.4 | 9.2 | 9.2 | 9.2 | 7.7 | 6.5 | 5.2 | 5.8 | 6.5 |
| 125° | 6.5 | 7.1 | 7.1 | 7.7 | 7.7 | 7.7 | 6.5 | 5.2 | 4.5 | 5.2 | 5.2 |
| 127.5° | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 5.2 | 4.0 | 4.0 | 4.5 | 4.5 |
| 130° | 5.8 | 5.8 | 5.8 | 5.8 | 5.2 | 4.5 | 4.0 | 2.5 | 3.2 | 4.0 | 4.0 |
| 132.5° | 5.2 | 5.2 | 5.2 | 4.5 | 4.0 | 3.2 | 2.5 | 1.9 | 1.9 | 3.2 | 3.2 |
| 135° | 4.5 | 4.5 | 4.0 | 3.2 | 2.5 | 1.9 | 1.3 | 1.3 | 1.3 | 2.5 | 2.5 |
| 137.5° | 4.0 | 4.0 | 3.2 | 2.5 | 1.9 | 1.3 | 0.7 | 0.0 | 0.7 | 1.3 | 1.3 |
| 140° | 4.0 | 4.0 | 3.2 | 1.9 | 1.3 | 0.7 | 0.0 | 0.0 | 0.0 | 0.7 | 0.7 |
| 142.5° | 3.2 | 3.2 | 2.5 | 1.3 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 2.5 | 2.5 | 1.9 | 1.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 1.9 | 1.9 | 1.9 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 1.9 | 1.9 | 1.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 1.3 | 1.3 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 1.3 | 0.7 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.7 | 0.7 | 0.0 | 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)