

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: P266129

Luminaire Tested: **LXF.LXT-AF24-60-D-U-T3-A-7027**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P266129
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1806-803-19)
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-A-7027
Description: DECORATIVE POST TOP LUMINAIRE
(1) 70 CRI, 2700K, 800mA LIGHT ENGINE WITH 24 LEDS AND TYPE III OPTICS
AND REFRACTOR PANELS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5394.2 lumens
Efficiency: N/A
Efficacy: 84.3 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 1.17' x L: 1.17' x H: 0.83')
IES Classification: Type III - Medium - Non-Cutoff
BUG Rating: B1 - U3 - G3

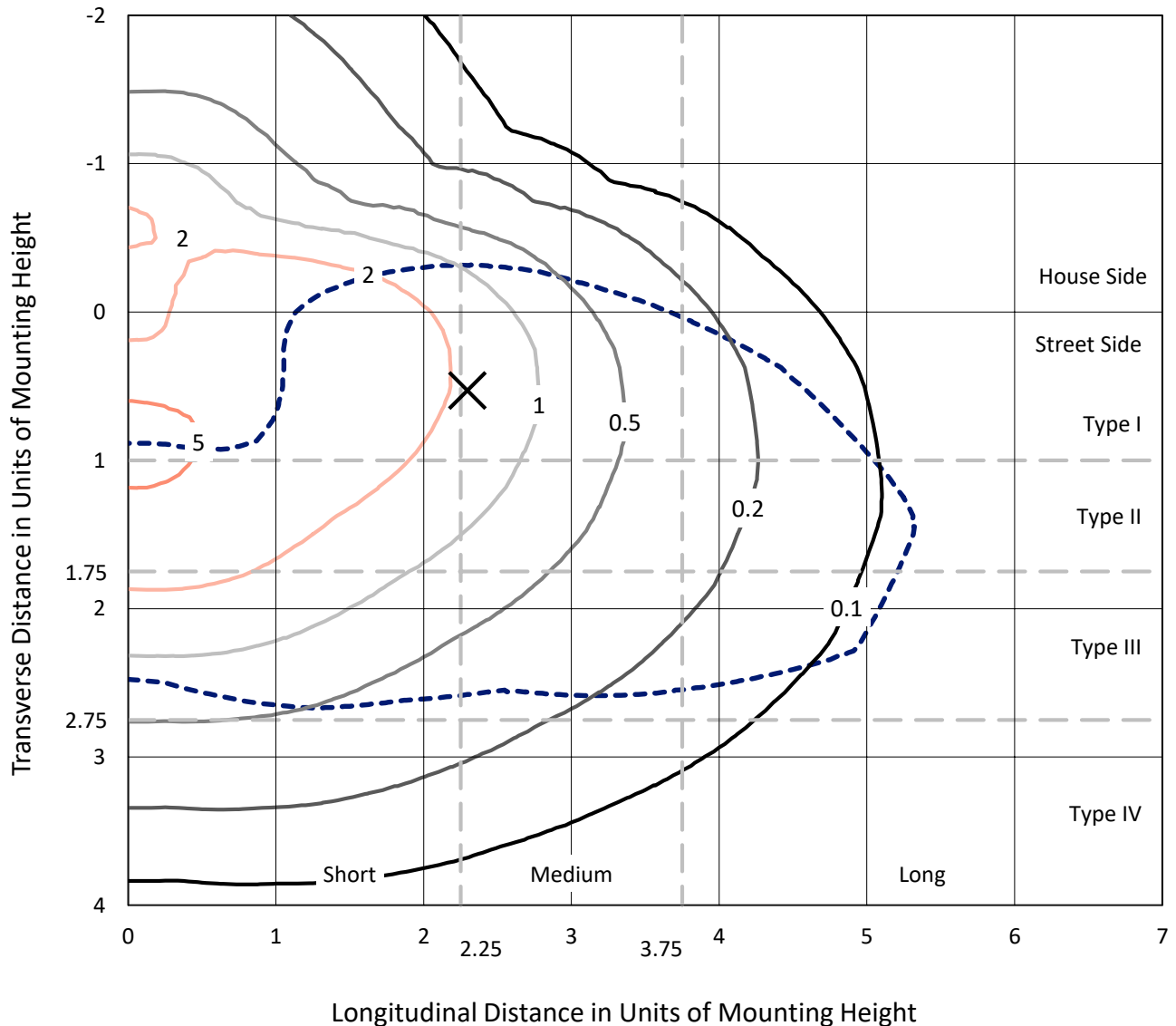
Input Watts (W): 64
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

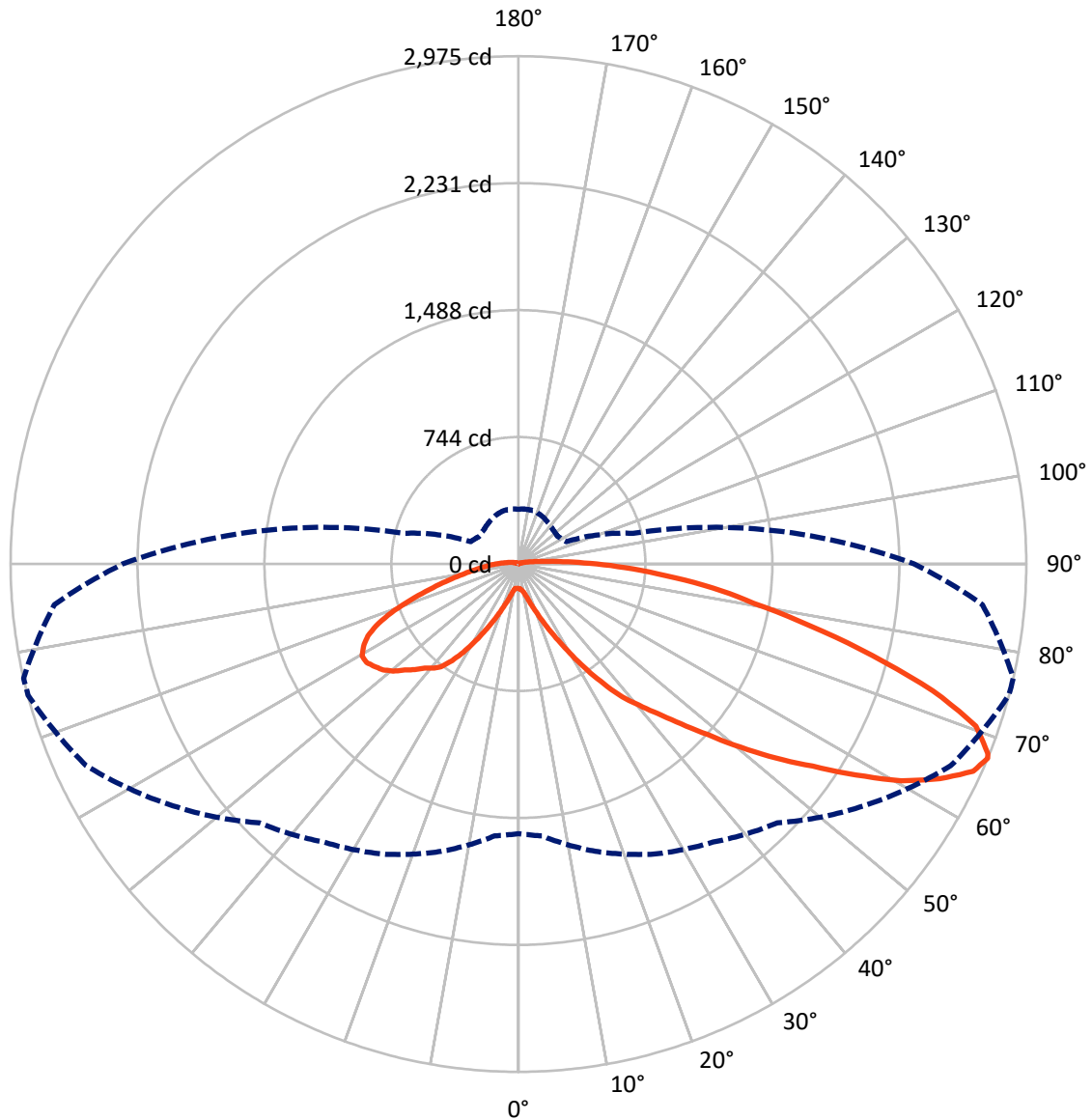
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 6.2 fc
 Type III - Medium - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 77-Deg Lateral - - - Horizontal Cone Through 67-Deg Vertical



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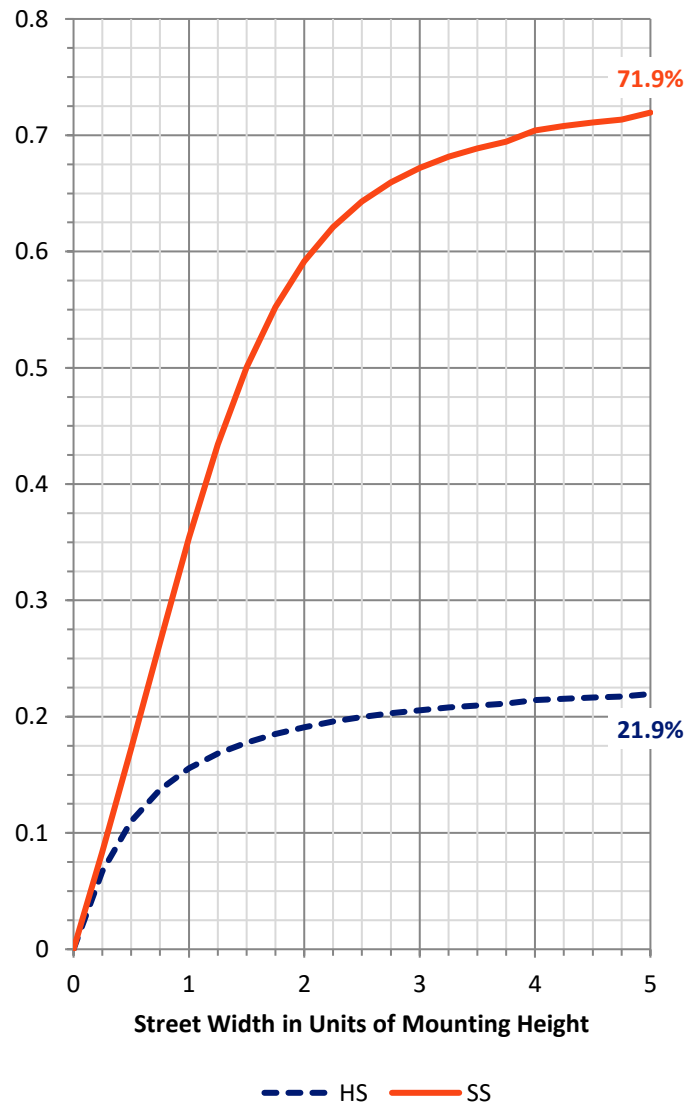
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1236.8 | 78.6 | 1315.5 |
| | % Fixture | 22.9 | 1.5 | 24.4 |
| Street Side | Lumens | 3976.4 | 102.4 | 4078.7 |
| | % Fixture | 73.7 | 1.9 | 75.6 |
| Total | Lumens | 5213.2 | 181.0 | 5394.2 |
| | % Fixture | 96.6 | 3.4 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 14.4 | 0.3 |
| 10°-20° | 60.6 | 1.1 |
| 20°-30° | 177.1 | 3.3 |
| 30°-40° | 411.6 | 7.6 |
| 40°-50° | 722.1 | 13.4 |
| 50°-60° | 1109.6 | 20.6 |
| 60°-70° | 1372.2 | 25.4 |
| 70°-80° | 957.9 | 17.8 |
| 80°-90° | 387.7 | 7.2 |
| 90°-100° | 114.6 | 2.1 |
| 100°-110° | 37.0 | 0.7 |
| 110°-120° | 15.7 | 0.3 |
| 120°-130° | 8.1 | 0.2 |
| 130°-140° | 4.2 | 0.1 |
| 140°-150° | 1.3 | 0.0 |
| 150°-160° | 0.2 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-90° | 5213.2 | 96.6 |
| 0°-180° | 5394.2 | 100.0 |



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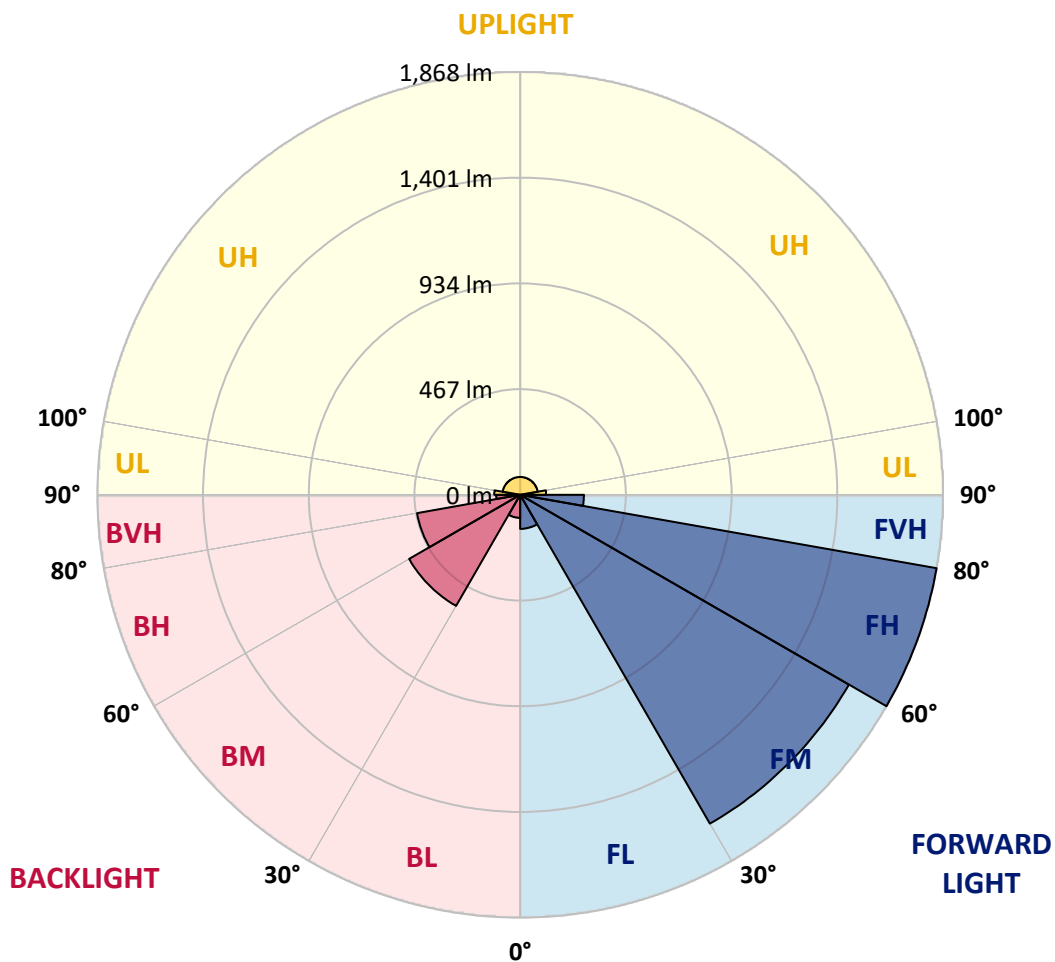
CATALOG NUMBER: LXF.LXT-AF24-60-D-U-T3-A-7027

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|--------|---------|
| | | | B | U | G |
| FL (0°-30°) | 150.4 | 2.8 | | | |
| FM (30°-60°) | 1676.8 | 31.1 | | | |
| FH (60°-80°) | 1867.5 | 34.6 | | | G2/5000 |
| FVH (80°-90°) | 281.7 | 5.2 | | | G3/500 |
| BL (0°-30°) | 101.8 | 1.9 | B0/110 | | |
| BM (30°-60°) | 566.5 | 10.5 | B1/1000 | | |
| BH (60°-80°) | 462.6 | 8.6 | B1/500 | | G1/500 |
| BVH (80°-90°) | 106.1 | 2.0 | | | G2/225 |
| UL (90°-100°) | 114.6 | 2.1 | | U3/500 | |
| UH (100°-180°) | 78.6 | 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° | 75° | 77° | 85° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 143.5 | 143.5 | 143.5 | 143.5 | 143.5 | 143.5 | 143.5 | 143.5 | 143.5 | 143.5 | 143.5 |
| 2.5° | 152.6 | 153.3 | 153.3 | 153.3 | 152.6 | 151.3 | 149.4 | 148.0 | 146.2 | 145.4 | 144.2 |
| 5° | 164.3 | 164.3 | 164.3 | 163.6 | 162.4 | 159.7 | 157.2 | 153.9 | 149.9 | 149.4 | 146.8 |
| 7.5° | 177.2 | 178.0 | 177.2 | 176.0 | 172.7 | 170.0 | 166.2 | 161.7 | 157.2 | 155.9 | 152.6 |
| 10° | 196.1 | 196.1 | 194.8 | 192.1 | 187.7 | 182.4 | 178.0 | 172.7 | 168.2 | 166.8 | 163.0 |
| 12.5° | 224.7 | 224.7 | 222.2 | 215.0 | 207.8 | 200.6 | 195.4 | 191.6 | 189.0 | 186.9 | 184.4 |
| 15° | 261.0 | 261.6 | 257.8 | 246.8 | 237.6 | 226.6 | 222.2 | 221.4 | 220.8 | 218.7 | 216.2 |
| 17.5° | 305.2 | 305.2 | 298.6 | 283.8 | 272.0 | 261.6 | 257.2 | 257.2 | 257.2 | 257.2 | 255.8 |
| 20° | 357.7 | 358.5 | 350.0 | 328.6 | 316.3 | 303.8 | 299.3 | 299.9 | 302.5 | 303.2 | 303.2 |
| 22.5° | 425.3 | 428.0 | 414.8 | 385.7 | 370.8 | 352.6 | 349.4 | 352.6 | 359.7 | 361.7 | 364.9 |
| 25° | 517.6 | 513.7 | 496.8 | 458.5 | 436.3 | 414.3 | 409.1 | 418.2 | 431.7 | 435.7 | 442.9 |
| 27.5° | 614.3 | 614.9 | 590.8 | 544.2 | 507.2 | 480.6 | 477.9 | 496.0 | 515.5 | 520.7 | 532.4 |
| 30° | 737.6 | 738.9 | 702.6 | 644.8 | 589.6 | 555.8 | 555.8 | 585.6 | 615.6 | 624.1 | 642.7 |
| 32.5° | 885.6 | 884.3 | 830.5 | 761.0 | 684.4 | 642.7 | 644.2 | 687.7 | 730.5 | 740.3 | 757.7 |
| 35° | 1057.8 | 1055.8 | 984.4 | 892.7 | 790.9 | 737.0 | 742.8 | 798.1 | 853.2 | 862.4 | 890.2 |
| 37.5° | 1233.7 | 1235.7 | 1156.4 | 1040.1 | 908.4 | 837.6 | 848.7 | 914.2 | 981.8 | 988.2 | 1010.4 |
| 40° | 1392.8 | 1402.6 | 1322.7 | 1192.8 | 1035.7 | 943.4 | 956.4 | 1019.4 | 1085.6 | 1088.2 | 1096.7 |
| 42.5° | 1545.4 | 1546.6 | 1479.8 | 1341.4 | 1167.4 | 1060.3 | 1061.6 | 1122.1 | 1185.0 | 1196.1 | 1200.0 |
| 45° | 1642.8 | 1656.4 | 1602.4 | 1477.8 | 1300.6 | 1179.8 | 1168.8 | 1229.2 | 1321.9 | 1335.1 | 1335.1 |
| 47.5° | 1753.9 | 1768.0 | 1706.4 | 1600.5 | 1429.2 | 1299.8 | 1290.9 | 1368.1 | 1479.1 | 1492.8 | 1487.6 |
| 50° | 1878.4 | 1896.1 | 1851.1 | 1736.2 | 1557.0 | 1427.9 | 1443.4 | 1533.6 | 1668.2 | 1687.6 | 1681.6 |
| 52.5° | 1973.2 | 1992.1 | 1964.9 | 1883.7 | 1700.5 | 1577.2 | 1594.0 | 1720.1 | 1868.7 | 1888.1 | 1866.0 |
| 55° | 2008.3 | 2034.3 | 2042.7 | 2001.2 | 1848.6 | 1735.6 | 1787.5 | 1923.9 | 2070.1 | 2090.7 | 2067.4 |
| 57.5° | 2007.1 | 2033.7 | 2066.1 | 2060.3 | 1972.6 | 1898.6 | 1974.6 | 2133.7 | 2310.3 | 2331.0 | 2306.9 |
| 60° | 1992.7 | 2023.9 | 2083.7 | 2091.4 | 2042.0 | 2042.0 | 2164.7 | 2383.7 | 2560.2 | 2579.0 | 2510.3 |
| 62.5° | 1868.7 | 1907.7 | 2016.8 | 2095.3 | 2080.4 | 2134.4 | 2338.7 | 2590.7 | 2761.5 | 2770.6 | 2641.3 |
| 65° | 1713.5 | 1749.9 | 1870.0 | 1997.3 | 2068.1 | 2166.7 | 2452.5 | 2738.2 | 2916.6 | 2927.0 | 2741.4 |
| 67° | 1579.1 | 1598.7 | 1742.2 | 1875.2 | 1988.2 | 2144.7 | 2470.0 | 2794.6 | 2973.2 | 2975.1 | 2729.1 |
| 67.5° | 1531.2 | 1551.3 | 1697.3 | 1839.5 | 1960.3 | 2129.2 | 2460.8 | 2799.8 | 2969.9 | 2966.1 | 2705.7 |
| 70° | 1279.1 | 1290.9 | 1443.4 | 1626.6 | 1762.2 | 1960.9 | 2347.9 | 2699.1 | 2855.6 | 2843.9 | 2545.9 |
| 72.5° | 945.3 | 955.2 | 1113.5 | 1336.3 | 1496.7 | 1715.5 | 2103.1 | 2484.9 | 2571.8 | 2540.0 | 2192.0 |
| 75° | 655.1 | 662.9 | 786.3 | 976.5 | 1186.9 | 1418.2 | 1798.0 | 2114.8 | 2179.1 | 2139.5 | 1816.7 |
| 77.5° | 433.2 | 438.9 | 535.0 | 685.0 | 878.5 | 1133.8 | 1462.9 | 1747.4 | 1799.2 | 1753.1 | 1458.9 |
| 80° | 274.6 | 279.3 | 350.6 | 468.7 | 644.2 | 889.5 | 1174.7 | 1421.4 | 1443.4 | 1399.9 | 1140.2 |
| 82.5° | 174.0 | 178.6 | 226.6 | 317.6 | 462.3 | 677.2 | 923.9 | 1145.3 | 1175.3 | 1149.3 | 891.5 |
| 85° | 111.7 | 118.1 | 152.6 | 217.5 | 327.9 | 496.8 | 720.1 | 911.1 | 907.7 | 864.9 | 654.5 |
| 87.5° | 79.2 | 84.4 | 110.4 | 155.1 | 231.1 | 352.0 | 526.5 | 661.1 | 653.2 | 624.6 | 455.3 |
| 90° | 59.1 | 63.1 | 81.8 | 112.9 | 166.2 | 246.8 | 364.9 | 457.7 | 435.0 | 417.5 | 300.7 |
| 92.5° | 43.5 | 46.7 | 61.1 | 82.5 | 118.8 | 172.7 | 240.8 | 296.1 | 272.7 | 260.4 | 190.3 |
| 95° | 31.8 | 33.7 | 44.7 | 60.4 | 86.3 | 120.2 | 157.8 | 186.4 | 167.5 | 159.1 | 120.2 |
| 97.5° | 24.7 | 26.1 | 34.5 | 46.7 | 64.3 | 86.3 | 106.4 | 116.9 | 106.4 | 101.2 | 83.2 |
| 100° | 20.8 | 21.4 | 28.6 | 37.0 | 50.7 | 65.5 | 75.9 | 79.9 | 73.4 | 70.1 | 60.4 |
| 102.5° | 17.5 | 18.1 | 23.4 | 30.5 | 41.0 | 51.9 | 57.1 | 58.4 | 52.6 | 50.7 | 45.5 |
| 105° | 14.9 | 15.6 | 20.1 | 26.1 | 34.5 | 42.2 | 44.7 | 43.5 | 38.3 | 37.0 | 34.5 |
| 107.5° | 12.9 | 13.7 | 16.9 | 22.1 | 28.6 | 35.0 | 35.8 | 33.1 | 28.6 | 27.3 | 26.1 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 77° | 85° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 110° | 11.7 | 11.7 | 14.9 | 18.9 | 24.7 | 29.3 | 29.3 | 25.3 | 21.4 | 20.8 | 20.8 |
| 112.5° | 10.4 | 10.4 | 12.9 | 16.2 | 21.4 | 24.7 | 24.1 | 20.1 | 16.2 | 15.6 | 16.2 |
| 115° | 9.2 | 9.2 | 11.0 | 14.9 | 18.9 | 21.4 | 20.1 | 16.2 | 12.3 | 12.3 | 13.7 |
| 117.5° | 8.4 | 8.4 | 10.4 | 13.7 | 16.9 | 18.9 | 16.9 | 12.9 | 10.4 | 10.4 | 11.0 |
| 120° | 7.7 | 7.7 | 9.7 | 12.3 | 15.6 | 16.9 | 14.9 | 11.0 | 8.4 | 8.4 | 9.7 |
| 122.5° | 7.7 | 7.7 | 9.2 | 11.7 | 14.4 | 14.9 | 12.9 | 9.7 | 7.1 | 7.7 | 8.4 |
| 125° | 7.7 | 8.4 | 9.2 | 11.0 | 12.9 | 12.9 | 11.0 | 8.4 | 6.5 | 6.5 | 7.7 |
| 127.5° | 8.4 | 8.4 | 9.2 | 10.4 | 11.7 | 11.7 | 9.7 | 7.1 | 6.5 | 6.5 | 7.1 |
| 130° | 9.2 | 9.2 | 9.2 | 9.7 | 10.4 | 9.7 | 8.4 | 6.5 | 5.8 | 5.8 | 6.5 |
| 132.5° | 9.2 | 9.2 | 9.2 | 9.2 | 9.2 | 8.4 | 7.1 | 5.8 | 5.2 | 5.8 | 6.5 |
| 135° | 8.4 | 8.4 | 8.4 | 8.4 | 7.7 | 7.1 | 5.8 | 4.5 | 4.5 | 4.5 | 5.2 |
| 137.5° | 7.7 | 7.1 | 7.1 | 7.1 | 6.5 | 5.8 | 4.5 | 3.2 | 4.0 | 4.0 | 4.5 |
| 140° | 6.5 | 6.5 | 6.5 | 5.8 | 5.2 | 4.5 | 3.2 | 2.5 | 3.2 | 3.2 | 4.0 |
| 142.5° | 5.2 | 5.2 | 5.2 | 4.5 | 4.0 | 3.2 | 1.9 | 1.9 | 2.5 | 3.2 | 3.2 |
| 145° | 4.0 | 4.0 | 4.0 | 3.2 | 2.5 | 1.9 | 1.3 | 1.9 | 2.5 | 2.5 | 2.5 |
| 147.5° | 2.5 | 2.5 | 2.5 | 2.5 | 1.3 | 0.7 | 1.3 | 1.3 | 1.9 | 1.9 | 2.5 |
| 150° | 1.3 | 1.3 | 1.9 | 1.3 | 0.7 | 0.7 | 0.7 | 1.3 | 1.3 | 1.9 | 1.9 |
| 152.5° | 0.7 | 0.7 | 1.3 | 0.7 | 0.0 | 0.0 | 0.0 | 0.7 | 1.3 | 1.3 | 1.3 |
| 155° | 0.0 | 0.0 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 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 |



REPORT NUMBER: P266129

CATALOG NUMBER: LXF.LXT-AF24-60-D-U-T3-A-7027

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 143.5 | 143.5 | 143.5 | 143.5 | 143.5 | 143.5 | 143.5 | 143.5 | 143.5 | 143.5 | 143.5 |
| 2.5° | 143.5 | 142.8 | 141.6 | 139.5 | 138.2 | 137.7 | 137.7 | 136.4 | 136.4 | 136.4 | 135.7 |
| 5° | 146.2 | 144.2 | 141.6 | 139.0 | 136.4 | 134.3 | 133.8 | 132.5 | 131.2 | 131.2 | 130.6 |
| 7.5° | 149.9 | 148.0 | 143.5 | 139.5 | 135.7 | 133.0 | 131.8 | 130.6 | 129.3 | 128.5 | 127.9 |
| 10° | 160.3 | 157.8 | 150.6 | 144.2 | 139.0 | 135.0 | 133.0 | 131.8 | 130.6 | 130.6 | 129.8 |
| 12.5° | 181.7 | 177.2 | 168.2 | 157.2 | 146.2 | 140.2 | 138.2 | 142.8 | 144.7 | 146.8 | 146.8 |
| 15° | 213.6 | 209.0 | 195.4 | 179.2 | 163.0 | 152.0 | 155.1 | 161.7 | 166.8 | 170.0 | 170.0 |
| 17.5° | 252.6 | 245.4 | 228.6 | 205.3 | 183.8 | 176.0 | 174.7 | 181.7 | 189.6 | 194.2 | 194.2 |
| 20° | 298.6 | 290.2 | 266.8 | 235.0 | 211.0 | 199.3 | 196.8 | 203.2 | 212.3 | 219.5 | 219.5 |
| 22.5° | 358.5 | 348.7 | 314.2 | 269.4 | 238.3 | 222.2 | 218.7 | 225.4 | 238.3 | 248.0 | 247.5 |
| 25° | 436.3 | 420.8 | 373.3 | 311.1 | 265.5 | 242.8 | 240.2 | 250.6 | 268.1 | 281.8 | 283.8 |
| 27.5° | 526.5 | 504.5 | 433.7 | 355.8 | 292.2 | 261.0 | 261.6 | 276.0 | 297.3 | 312.3 | 312.3 |
| 30° | 628.5 | 605.2 | 506.5 | 399.9 | 314.9 | 276.6 | 279.3 | 298.1 | 319.4 | 334.3 | 334.3 |
| 32.5° | 746.8 | 712.3 | 583.1 | 443.5 | 335.1 | 288.3 | 291.0 | 313.6 | 335.1 | 351.2 | 352.0 |
| 35° | 866.1 | 819.4 | 652.6 | 479.2 | 352.0 | 298.1 | 299.3 | 325.9 | 349.4 | 367.4 | 369.5 |
| 37.5° | 975.3 | 914.8 | 714.2 | 503.9 | 359.7 | 302.5 | 304.5 | 335.1 | 362.3 | 379.3 | 379.3 |
| 40° | 1053.3 | 977.3 | 744.1 | 509.7 | 361.7 | 303.8 | 309.7 | 340.8 | 361.7 | 369.5 | 366.1 |
| 42.5° | 1141.4 | 1048.1 | 762.9 | 499.9 | 354.6 | 303.2 | 312.3 | 337.0 | 348.1 | 348.7 | 345.5 |
| 45° | 1264.9 | 1143.5 | 797.3 | 491.6 | 341.5 | 301.9 | 309.0 | 327.3 | 330.4 | 324.6 | 320.8 |
| 47.5° | 1407.7 | 1247.3 | 825.9 | 481.1 | 333.1 | 298.6 | 304.5 | 315.6 | 313.0 | 302.5 | 299.3 |
| 50° | 1568.7 | 1379.2 | 861.7 | 468.1 | 326.7 | 294.7 | 299.9 | 307.1 | 303.8 | 292.8 | 290.2 |
| 52.5° | 1726.5 | 1494.7 | 884.3 | 454.5 | 320.8 | 292.8 | 296.7 | 305.2 | 301.3 | 288.3 | 284.5 |
| 55° | 1892.1 | 1612.3 | 889.5 | 431.1 | 316.3 | 292.8 | 297.3 | 306.5 | 301.9 | 288.3 | 284.5 |
| 57.5° | 2086.9 | 1738.8 | 889.5 | 403.9 | 309.0 | 294.1 | 299.3 | 308.4 | 304.5 | 291.0 | 287.6 |
| 60° | 2245.4 | 1829.0 | 870.7 | 379.9 | 300.7 | 294.1 | 299.9 | 309.7 | 309.0 | 299.3 | 297.3 |
| 62.5° | 2333.0 | 1862.2 | 819.4 | 353.3 | 293.4 | 292.2 | 300.7 | 313.0 | 317.6 | 310.4 | 308.4 |
| 65° | 2379.7 | 1851.1 | 759.6 | 326.7 | 287.0 | 288.3 | 300.7 | 314.9 | 322.0 | 318.2 | 315.6 |
| 67° | 2318.6 | 1773.3 | 694.1 | 308.4 | 280.5 | 285.0 | 299.3 | 314.9 | 324.6 | 323.4 | 320.8 |
| 67.5° | 2288.2 | 1742.2 | 675.3 | 305.2 | 278.6 | 284.5 | 298.6 | 314.9 | 324.6 | 324.6 | 322.0 |
| 70° | 2097.9 | 1566.7 | 577.3 | 281.2 | 266.2 | 274.6 | 291.5 | 311.6 | 322.8 | 323.4 | 322.0 |
| 72.5° | 1773.3 | 1288.2 | 476.6 | 258.4 | 250.6 | 260.4 | 281.2 | 301.9 | 312.3 | 311.1 | 309.7 |
| 75° | 1444.7 | 1038.9 | 388.2 | 236.3 | 232.4 | 243.5 | 262.3 | 281.8 | 289.0 | 285.8 | 284.5 |
| 77.5° | 1144.1 | 810.4 | 318.2 | 215.0 | 214.2 | 223.9 | 238.9 | 253.2 | 257.2 | 251.3 | 250.6 |
| 80° | 879.3 | 619.4 | 260.4 | 197.4 | 195.4 | 202.6 | 213.0 | 222.7 | 225.4 | 219.5 | 218.2 |
| 82.5° | 673.3 | 469.5 | 216.2 | 178.0 | 177.2 | 181.2 | 188.4 | 194.8 | 199.3 | 193.4 | 191.6 |
| 85° | 487.1 | 343.5 | 181.7 | 157.2 | 157.8 | 159.7 | 164.3 | 168.8 | 175.3 | 173.4 | 170.8 |
| 87.5° | 339.6 | 249.3 | 154.6 | 137.7 | 137.7 | 139.0 | 141.6 | 146.2 | 154.6 | 153.9 | 151.3 |
| 90° | 231.1 | 179.9 | 129.8 | 120.2 | 118.1 | 118.8 | 120.8 | 123.3 | 131.2 | 130.6 | 128.5 |
| 92.5° | 154.6 | 127.9 | 105.2 | 99.4 | 98.8 | 99.4 | 99.4 | 101.2 | 105.2 | 103.2 | 101.2 |
| 95° | 103.2 | 92.2 | 83.7 | 80.5 | 79.2 | 79.9 | 79.9 | 78.5 | 81.1 | 78.0 | 75.9 |
| 97.5° | 74.0 | 69.4 | 67.6 | 64.9 | 63.1 | 63.6 | 63.6 | 62.3 | 63.1 | 58.4 | 57.1 |
| 100° | 56.6 | 55.2 | 55.2 | 52.6 | 50.7 | 51.4 | 51.4 | 50.7 | 49.9 | 44.7 | 44.1 |
| 102.5° | 44.7 | 44.1 | 44.7 | 42.8 | 41.0 | 42.2 | 41.5 | 41.0 | 39.6 | 35.0 | 34.5 |
| 105° | 35.0 | 35.0 | 37.0 | 35.0 | 33.7 | 34.5 | 34.5 | 33.1 | 31.8 | 27.8 | 27.8 |
| 107.5° | 27.3 | 27.8 | 29.9 | 28.6 | 27.8 | 28.6 | 27.8 | 26.6 | 24.7 | 22.1 | 22.1 |



REPORT NUMBER: P266129

CATALOG NUMBER: LXF.LXT-AF24-60-D-U-T3-A-7027

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 110° | 21.4 | 22.7 | 24.7 | 24.1 | 23.4 | 24.1 | 22.7 | 21.4 | 19.5 | 18.1 | 18.1 |
| 112.5° | 17.5 | 18.1 | 20.1 | 20.1 | 19.5 | 20.1 | 18.9 | 16.9 | 15.6 | 14.9 | 14.9 |
| 115° | 14.4 | 15.6 | 16.9 | 16.9 | 16.9 | 16.9 | 15.6 | 13.7 | 12.3 | 12.3 | 12.3 |
| 117.5° | 12.3 | 12.9 | 14.4 | 14.4 | 14.4 | 14.4 | 12.9 | 11.0 | 9.7 | 10.4 | 10.4 |
| 120° | 10.4 | 11.0 | 12.3 | 12.3 | 12.3 | 12.3 | 11.0 | 9.2 | 7.7 | 8.4 | 8.4 |
| 122.5° | 9.2 | 9.7 | 10.4 | 11.0 | 11.0 | 10.4 | 9.2 | 7.7 | 6.5 | 7.1 | 7.1 |
| 125° | 8.4 | 9.2 | 9.2 | 9.7 | 9.2 | 9.2 | 7.7 | 6.5 | 5.8 | 6.5 | 6.5 |
| 127.5° | 7.7 | 8.4 | 8.4 | 8.4 | 8.4 | 7.1 | 6.5 | 5.2 | 4.5 | 5.2 | 5.8 |
| 130° | 7.1 | 7.7 | 7.7 | 7.1 | 6.5 | 5.8 | 5.2 | 4.5 | 4.0 | 4.5 | 5.2 |
| 132.5° | 7.1 | 7.1 | 7.1 | 6.5 | 5.8 | 4.5 | 4.0 | 3.2 | 3.2 | 4.0 | 4.5 |
| 135° | 5.8 | 5.8 | 5.8 | 5.2 | 4.0 | 3.2 | 2.5 | 2.5 | 2.5 | 3.2 | 3.2 |
| 137.5° | 4.5 | 5.2 | 4.5 | 4.0 | 3.2 | 2.5 | 1.9 | 1.9 | 1.9 | 2.5 | 2.5 |
| 140° | 4.0 | 4.0 | 4.0 | 3.2 | 2.5 | 1.3 | 0.7 | 0.7 | 1.3 | 1.3 | 1.9 |
| 142.5° | 3.2 | 4.0 | 3.2 | 2.5 | 1.9 | 0.7 | 0.0 | 0.7 | 0.7 | 0.7 | 0.7 |
| 145° | 3.2 | 3.2 | 2.5 | 1.9 | 1.3 | 0.7 | 0.0 | 0.0 | 0.7 | 0.0 | 0.0 |
| 147.5° | 2.5 | 2.5 | 1.9 | 1.3 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 1.9 | 1.9 | 1.9 | 1.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 1.3 | 1.3 | 1.3 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 1.3 | 1.3 | 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° | 0.0 | 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)