

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: P695067

Luminaire Tested: **LXF.LXT-PA16-40-730-U-SL3-CL**

Issue Date: 7/5/2023

Test Information

Test Method: LM-79-08
Report Number: P695067
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2306-062-28)
Test Lab: INNOVATION CENTER
Issue Date: 7/5/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: LXF.LXT-PA16-40-730-U-SL3-CL
Description: DECORATIVE POST TOP LUMINAIRE
(1) 70 CRI, 3000K, 740mA LIGHTSQUARE WITH 16 LEDS AND TYPE III SPILL
LIGHT ELIMINATOR OPTICS AND CLEAR LENS PANELS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4076.1 lumens
Efficiency: N/A
Efficacy: 101.4 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 - G2

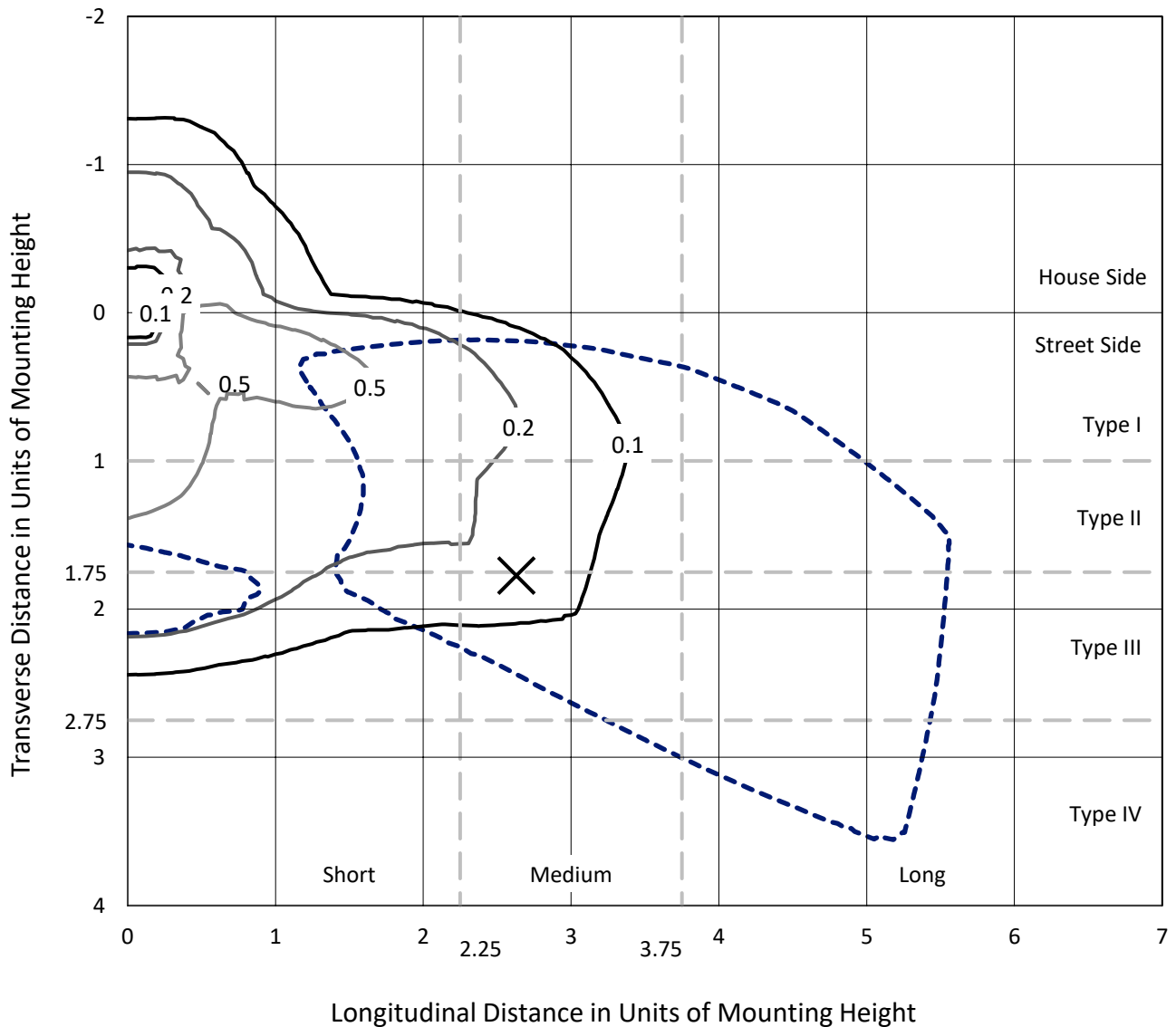
Input Watts (W): 40.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P695067
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Iso-Footcandle Lines of Horizontal Illumination

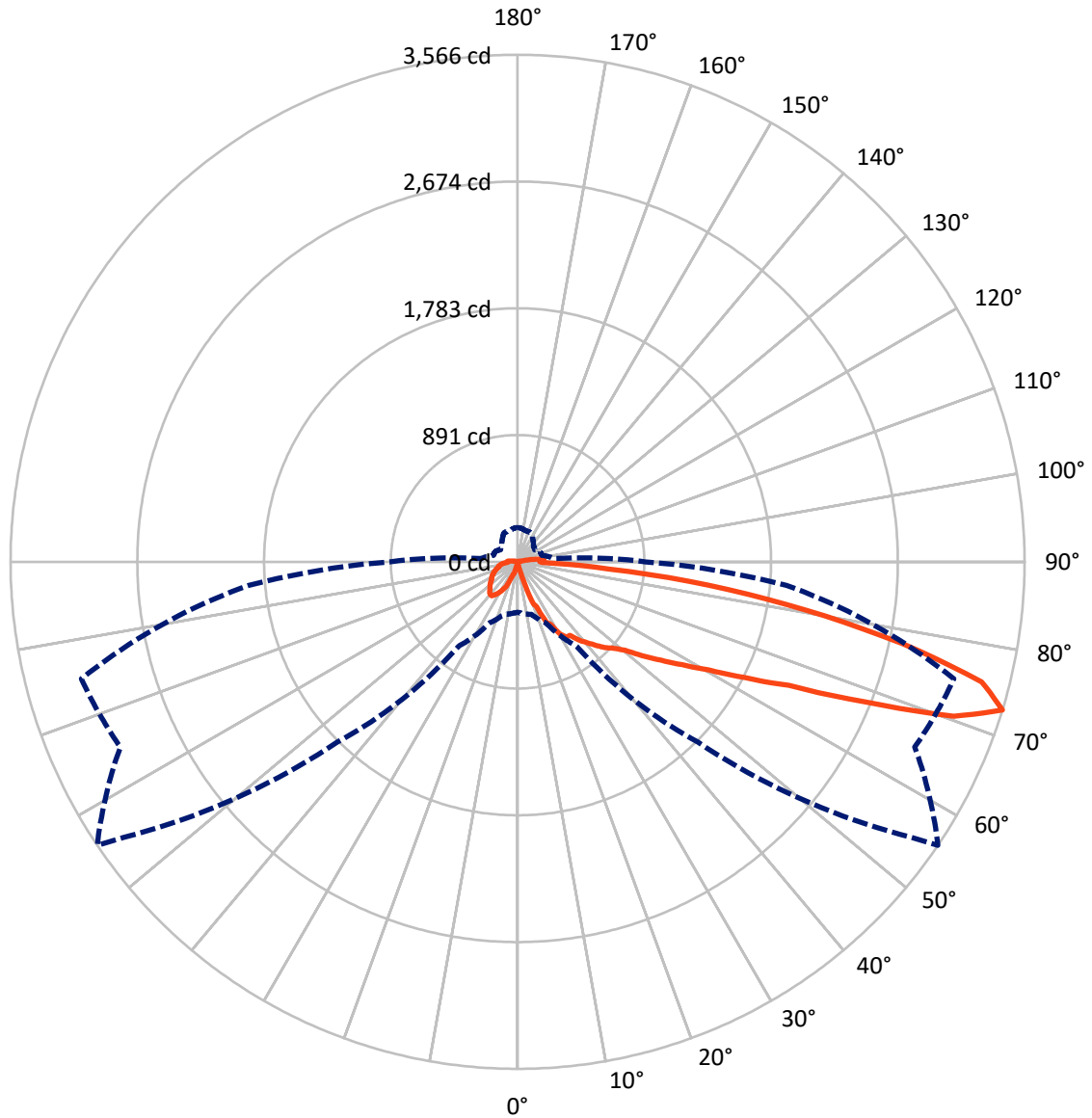
× Max cd
 - - - 1/2 Max cd



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

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Luminous Intensity Polar Plot



— Vertical Plane Through 56-Deg Lateral - - - Horizontal Cone Through 72.5-Deg Vertical

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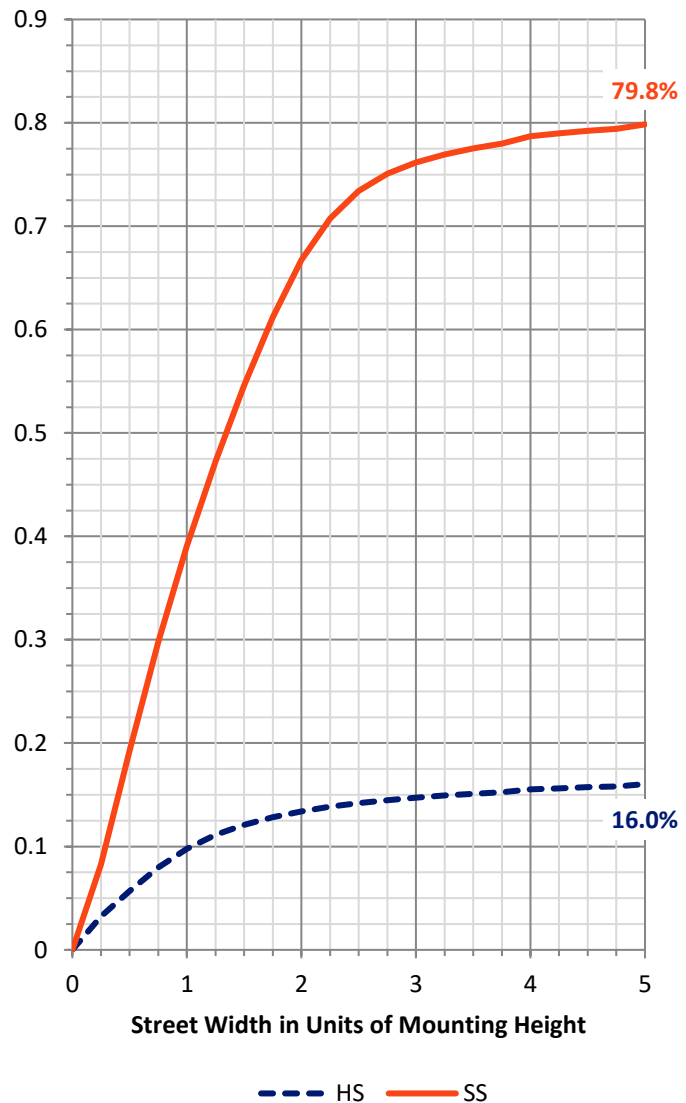
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 696.3 | 44.2 | 740.5 |
| | % Fixture | 17.1 | 1.1 | 18.2 |
| Street Side | Lumens | 3289.1 | 46.5 | 3335.6 |
| | % Fixture | 80.7 | 1.1 | 81.8 |
| Total | Lumens | 3985.4 | 90.7 | 4076.1 |
| | % Fixture | 97.8 | 2.2 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 0.5 | 0.0 |
| 10°-20° | 33.5 | 0.8 |
| 20°-30° | 157.5 | 3.9 |
| 30°-40° | 346.9 | 8.5 |
| 40°-50° | 520.1 | 12.8 |
| 50°-60° | 766.0 | 18.8 |
| 60°-70° | 1063.6 | 26.1 |
| 70°-80° | 857.0 | 21.0 |
| 80°-90° | 240.1 | 5.9 |
| 90°-100° | 64.7 | 1.6 |
| 100°-110° | 12.5 | 0.3 |
| 110°-120° | 4.9 | 0.1 |
| 120°-130° | 3.8 | 0.1 |
| 130°-140° | 2.6 | 0.1 |
| 140°-150° | 2.0 | 0.0 |
| 150°-160° | 0.2 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-90° | 3985.4 | 97.8 |
| 0°-180° | 4076.1 | 100.0 |

Coefficient of Utilization

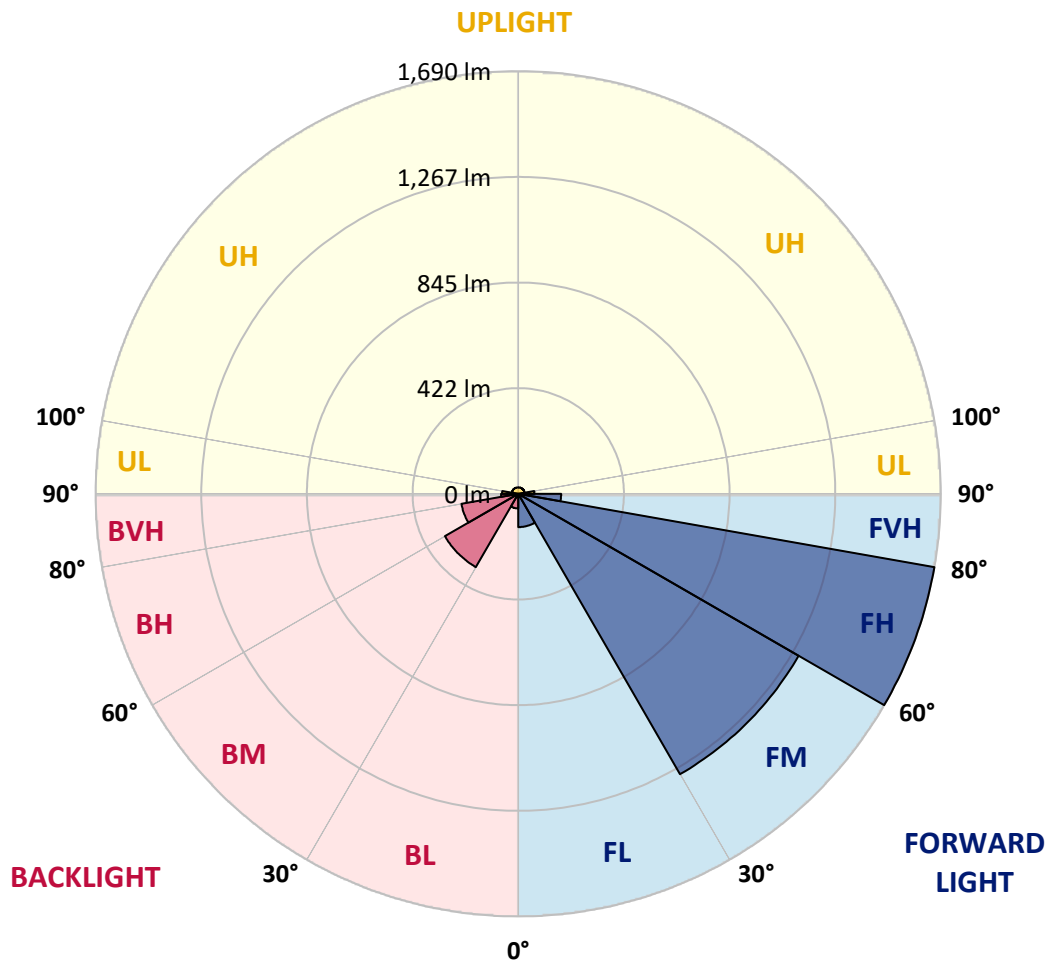


REPORT NUMBER: P695067
 CATALOG NUMBER: LXF.LXT-PA16-40-730-U-SL3-CL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|--------|---------|
| | | | B | U | G |
| FL (0°-30°) | 133.1 | 3.3 | | | |
| FM (30°-60°) | 1294.6 | 31.8 | | | |
| FH (60°-80°) | 1690.0 | 41.5 | | | G1/1800 |
| FVH (80°-90°) | 171.4 | 4.2 | | | G2/225 |
| BL (0°-30°) | 58.5 | 1.4 | B0/110 | | |
| BM (30°-60°) | 338.5 | 8.3 | B1/1000 | | |
| BH (60°-80°) | 230.6 | 5.7 | B1/500 | | G1/500 |
| BVH (80°-90°) | 68.7 | 1.7 | | | G1/100 |
| UL (90°-100°) | 64.7 | 1.6 | | U3/500 | |
| UH (100°-180°) | 26.0 | 0.6 | | U2/50 | |

BUG Rating: B1-U3-G2
 Type IV Medium



REPORT NUMBER: P695067

CATALOG NUMBER: LXF.LXT-PA16-40-730-U-SL3-CL

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 56° | 65° | 75° | 85° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| 2.5° | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| 5° | 4.5 | 4.5 | 4.5 | 4.5 | 6.0 | 6.0 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| 7.5° | 7.5 | 7.5 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 4.5 | 4.5 | 4.5 |
| 10° | 43.3 | 41.8 | 37.3 | 25.4 | 14.9 | 7.5 | 6.0 | 6.0 | 6.0 | 6.0 | 7.5 |
| 12.5° | 189.6 | 188.1 | 189.6 | 177.6 | 47.8 | 25.4 | 11.9 | 11.9 | 17.9 | 23.9 | 31.3 |
| 15° | 200.0 | 201.5 | 201.5 | 195.5 | 195.5 | 83.6 | 46.3 | 64.2 | 183.6 | 200.0 | 195.5 |
| 17.5° | 262.7 | 253.7 | 217.9 | 209.0 | 213.4 | 211.9 | 183.6 | 183.6 | 213.4 | 225.4 | 222.4 |
| 20° | 309.0 | 309.0 | 310.4 | 307.5 | 228.4 | 292.5 | 314.9 | 316.4 | 252.2 | 349.3 | 377.6 |
| 22.5° | 346.3 | 349.3 | 334.3 | 322.4 | 347.8 | 303.0 | 341.8 | 341.8 | 426.9 | 479.1 | 459.7 |
| 25° | 480.6 | 479.1 | 452.2 | 361.2 | 361.2 | 367.2 | 464.2 | 473.1 | 534.3 | 532.8 | 511.9 |
| 27.5° | 553.7 | 553.7 | 523.9 | 470.2 | 400.0 | 419.4 | 477.6 | 498.5 | 606.0 | 770.2 | 697.0 |
| 30° | 747.8 | 750.8 | 685.1 | 561.2 | 483.6 | 446.3 | 553.7 | 591.0 | 759.7 | 809.0 | 723.9 |
| 32.5° | 804.5 | 806.0 | 810.5 | 717.9 | 559.7 | 495.5 | 604.5 | 631.3 | 814.9 | 1023.9 | 911.9 |
| 35° | 820.9 | 823.9 | 823.9 | 758.2 | 701.5 | 576.1 | 614.9 | 634.3 | 970.2 | 1079.1 | 913.4 |
| 37.5° | 874.6 | 873.1 | 861.2 | 785.1 | 756.7 | 637.3 | 679.1 | 698.5 | 1034.3 | 1161.2 | 909.0 |
| 40° | 950.8 | 950.8 | 931.3 | 837.3 | 779.1 | 700.0 | 723.9 | 744.8 | 1109.0 | 1258.2 | 911.9 |
| 42.5° | 1038.8 | 1031.4 | 1009.0 | 897.0 | 814.9 | 738.8 | 783.6 | 801.5 | 1186.6 | 1380.6 | 916.4 |
| 45° | 1144.8 | 1137.3 | 1092.5 | 980.6 | 877.6 | 755.2 | 826.9 | 861.2 | 1274.6 | 1510.5 | 943.3 |
| 47.5° | 1246.3 | 1243.3 | 1192.5 | 1064.2 | 940.3 | 779.1 | 859.7 | 907.5 | 1380.6 | 1676.1 | 995.5 |
| 50° | 1371.7 | 1356.7 | 1291.1 | 1146.3 | 997.0 | 825.4 | 944.8 | 976.1 | 1492.5 | 1835.8 | 1074.6 |
| 52.5° | 1485.1 | 1458.2 | 1389.6 | 1229.9 | 1065.7 | 889.6 | 1074.6 | 1095.5 | 1620.9 | 2003.0 | 1165.7 |
| 55° | 1595.5 | 1556.7 | 1462.7 | 1316.4 | 1131.4 | 964.2 | 1214.9 | 1219.4 | 1767.2 | 2174.6 | 1277.6 |
| 57.5° | 1761.2 | 1720.9 | 1585.1 | 1397.0 | 1217.9 | 1059.7 | 1350.8 | 1365.7 | 1912.0 | 2367.2 | 1409.0 |
| 60° | 1991.1 | 1962.7 | 1798.5 | 1588.1 | 1371.7 | 1186.6 | 1513.4 | 1543.3 | 2055.2 | 2559.7 | 1538.8 |
| 62.5° | 2079.1 | 2046.3 | 1922.4 | 1776.1 | 1591.1 | 1414.9 | 1714.9 | 1795.5 | 2185.1 | 2753.7 | 1689.6 |
| 65° | 1840.3 | 1840.3 | 1774.6 | 1783.6 | 1728.4 | 1780.6 | 2001.5 | 2095.5 | 2337.3 | 2907.5 | 1819.4 |
| 67.5° | 1197.0 | 1203.0 | 1244.8 | 1422.4 | 1619.4 | 2076.1 | 2495.5 | 2625.4 | 2568.7 | 3073.2 | 1928.4 |
| 70° | 543.3 | 564.2 | 655.2 | 901.5 | 1232.8 | 2094.0 | 3064.2 | 3253.8 | 2837.3 | 3186.6 | 1967.2 |
| 72.5° | 355.2 | 362.7 | 383.6 | 476.1 | 725.4 | 1794.0 | 3379.1 | 3565.7 | 3082.1 | 3176.1 | 1897.0 |
| 75° | 297.0 | 292.5 | 304.5 | 337.3 | 365.7 | 1231.4 | 3214.9 | 3370.2 | 3050.8 | 2988.1 | 1726.9 |
| 77.5° | 246.3 | 241.8 | 253.7 | 271.6 | 216.4 | 676.1 | 2673.2 | 2762.7 | 2638.8 | 2553.7 | 1409.0 |
| 80° | 189.6 | 189.6 | 195.5 | 219.4 | 158.2 | 328.4 | 1986.6 | 2053.7 | 1953.7 | 1823.9 | 843.3 |
| 82.5° | 129.9 | 128.4 | 141.8 | 168.7 | 126.9 | 189.6 | 1356.7 | 1358.2 | 1167.2 | 888.1 | 397.0 |
| 85° | 58.2 | 58.2 | 70.1 | 97.0 | 74.6 | 117.9 | 619.4 | 641.8 | 397.0 | 283.6 | 177.6 |
| 87.5° | 19.4 | 19.4 | 20.9 | 23.9 | 25.4 | 55.2 | 173.1 | 176.1 | 153.7 | 174.6 | 131.3 |
| 90° | 17.9 | 17.9 | 17.9 | 17.9 | 19.4 | 53.7 | 155.2 | 155.2 | 137.3 | 162.7 | 131.3 |
| 92.5° | 17.9 | 17.9 | 16.4 | 14.9 | 16.4 | 49.3 | 171.6 | 185.1 | 150.7 | 170.2 | 137.3 |
| 95° | 17.9 | 17.9 | 14.9 | 13.4 | 14.9 | 35.8 | 171.6 | 183.6 | 158.2 | 147.8 | 123.9 |
| 97.5° | 11.9 | 11.9 | 10.4 | 10.4 | 11.9 | 20.9 | 125.4 | 129.9 | 101.5 | 74.6 | 74.6 |
| 100° | 10.4 | 10.4 | 7.5 | 7.5 | 9.0 | 11.9 | 67.2 | 71.6 | 49.3 | 23.9 | 23.9 |
| 102.5° | 10.4 | 10.4 | 6.0 | 6.0 | 6.0 | 7.5 | 19.4 | 20.9 | 17.9 | 10.4 | 11.9 |
| 105° | 11.9 | 11.9 | 6.0 | 4.5 | 4.5 | 6.0 | 9.0 | 9.0 | 10.4 | 9.0 | 11.9 |
| 107.5° | 10.4 | 10.4 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 6.0 | 9.0 | 11.9 |
| 110° | 7.5 | 6.0 | 4.5 | 4.5 | 3.0 | 4.5 | 4.5 | 4.5 | 4.5 | 7.5 | 10.4 |

REPORT NUMBER: P695067
 CATALOG NUMBER: LXF.LXT-PA16-40-730-U-SL3-CL

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 56° | 65° | 75° | 85° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 112.5° | 4.5 | 4.5 | 3.0 | 3.0 | 3.0 | 4.5 | 3.0 | 3.0 | 4.5 | 6.0 | 9.0 |
| 115° | 4.5 | 4.5 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 6.0 | 7.5 |
| 117.5° | 4.5 | 4.5 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 6.0 | 9.0 |
| 120° | 4.5 | 4.5 | 3.0 | 1.5 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 6.0 | 9.0 |
| 122.5° | 4.5 | 4.5 | 3.0 | 1.5 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 6.0 | 9.0 |
| 125° | 4.5 | 4.5 | 3.0 | 1.5 | 3.0 | 1.5 | 3.0 | 3.0 | 3.0 | 6.0 | 7.5 |
| 127.5° | 4.5 | 3.0 | 3.0 | 1.5 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.5 | 7.5 |
| 130° | 3.0 | 3.0 | 3.0 | 1.5 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.5 | 7.5 |
| 132.5° | 3.0 | 3.0 | 3.0 | 1.5 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.5 | 6.0 |
| 135° | 3.0 | 3.0 | 1.5 | 1.5 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.5 |
| 137.5° | 3.0 | 3.0 | 3.0 | 1.5 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.5 |
| 140° | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| 142.5° | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| 145° | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.5 | 4.5 |
| 147.5° | 3.0 | 4.5 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.5 | 4.5 |
| 150° | 4.5 | 4.5 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.5 | 4.5 |
| 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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CATALOG NUMBER: LXF.LXT-PA16-40-730-U-SL3-CL

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| 2.5° | 4.5 | 4.5 | 3.0 | 3.0 | 3.0 | 3.0 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| 5° | 4.5 | 4.5 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.5 | 4.5 | 4.5 |
| 7.5° | 4.5 | 4.5 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.5 | 4.5 | 4.5 |
| 10° | 6.0 | 6.0 | 4.5 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.5 | 4.5 | 4.5 |
| 12.5° | 35.8 | 31.3 | 23.9 | 13.4 | 6.0 | 3.0 | 3.0 | 3.0 | 4.5 | 6.0 | 6.0 |
| 15° | 186.6 | 174.6 | 140.3 | 92.5 | 29.9 | 7.5 | 4.5 | 13.4 | 41.8 | 56.7 | 55.2 |
| 17.5° | 213.4 | 195.5 | 146.3 | 101.5 | 82.1 | 37.3 | 38.8 | 70.1 | 82.1 | 88.1 | 86.6 |
| 20° | 368.7 | 304.5 | 180.6 | 117.9 | 95.5 | 89.6 | 79.1 | 89.6 | 101.5 | 109.0 | 110.4 |
| 22.5° | 419.4 | 349.3 | 214.9 | 176.1 | 122.4 | 126.9 | 117.9 | 113.4 | 161.2 | 173.1 | 176.1 |
| 25° | 453.7 | 362.7 | 225.4 | 198.5 | 186.6 | 147.8 | 162.7 | 167.2 | 186.6 | 194.0 | 195.5 |
| 27.5° | 582.1 | 426.9 | 277.6 | 226.9 | 209.0 | 186.6 | 192.5 | 192.5 | 213.4 | 249.3 | 250.7 |
| 30° | 574.6 | 401.5 | 291.0 | 265.7 | 234.3 | 219.4 | 210.4 | 244.8 | 271.6 | 279.1 | 280.6 |
| 32.5° | 673.1 | 434.3 | 325.4 | 280.6 | 261.2 | 232.8 | 249.3 | 268.7 | 285.1 | 306.0 | 317.9 |
| 35° | 616.4 | 392.5 | 338.8 | 314.9 | 276.1 | 255.2 | 270.2 | 288.1 | 343.3 | 361.2 | 361.2 |
| 37.5° | 553.7 | 358.2 | 326.9 | 317.9 | 297.0 | 271.6 | 276.1 | 325.4 | 350.7 | 343.3 | 343.3 |
| 40° | 497.0 | 334.3 | 316.4 | 311.9 | 298.5 | 271.6 | 292.5 | 316.4 | 340.3 | 334.3 | 334.3 |
| 42.5° | 461.2 | 319.4 | 306.0 | 303.0 | 292.5 | 267.2 | 283.6 | 311.9 | 338.8 | 328.4 | 326.9 |
| 45° | 447.8 | 306.0 | 298.5 | 292.5 | 276.1 | 256.7 | 277.6 | 314.9 | 335.8 | 323.9 | 322.4 |
| 47.5° | 461.2 | 298.5 | 291.0 | 283.6 | 262.7 | 240.3 | 280.6 | 310.4 | 329.9 | 311.9 | 309.0 |
| 50° | 504.5 | 298.5 | 282.1 | 271.6 | 252.2 | 240.3 | 276.1 | 300.0 | 314.9 | 294.0 | 289.6 |
| 52.5° | 561.2 | 304.5 | 273.1 | 258.2 | 241.8 | 238.8 | 270.2 | 294.0 | 303.0 | 280.6 | 279.1 |
| 55° | 638.8 | 314.9 | 261.2 | 247.8 | 225.4 | 232.8 | 270.2 | 295.5 | 292.5 | 267.2 | 265.7 |
| 57.5° | 717.9 | 326.9 | 250.7 | 240.3 | 214.9 | 225.4 | 267.2 | 297.0 | 279.1 | 247.8 | 247.8 |
| 60° | 803.0 | 341.8 | 237.3 | 231.3 | 207.5 | 214.9 | 258.2 | 294.0 | 265.7 | 232.8 | 232.8 |
| 62.5° | 888.1 | 349.3 | 226.9 | 222.4 | 198.5 | 204.5 | 247.8 | 285.1 | 261.2 | 229.9 | 229.9 |
| 65° | 956.7 | 341.8 | 216.4 | 210.4 | 186.6 | 192.5 | 232.8 | 277.6 | 253.7 | 231.3 | 232.8 |
| 67.5° | 995.5 | 320.9 | 206.0 | 201.5 | 174.6 | 180.6 | 214.9 | 261.2 | 241.8 | 229.9 | 232.8 |
| 70° | 977.6 | 285.1 | 192.5 | 186.6 | 162.7 | 170.2 | 198.5 | 241.8 | 234.3 | 229.9 | 234.3 |
| 72.5° | 900.0 | 258.2 | 176.1 | 173.1 | 147.8 | 158.2 | 188.1 | 225.4 | 225.4 | 238.8 | 240.3 |
| 75° | 801.5 | 229.9 | 162.7 | 159.7 | 137.3 | 144.8 | 183.6 | 206.0 | 210.4 | 228.4 | 232.8 |
| 77.5° | 650.8 | 192.5 | 143.3 | 146.3 | 134.3 | 134.3 | 174.6 | 194.0 | 198.5 | 219.4 | 220.9 |
| 80° | 398.5 | 141.8 | 123.9 | 131.3 | 123.9 | 128.4 | 164.2 | 180.6 | 183.6 | 211.9 | 214.9 |
| 82.5° | 198.5 | 100.0 | 106.0 | 116.4 | 110.4 | 126.9 | 156.7 | 171.6 | 186.6 | 214.9 | 216.4 |
| 85° | 101.5 | 61.2 | 80.6 | 94.0 | 95.5 | 140.3 | 153.7 | 177.6 | 174.6 | 194.0 | 198.5 |
| 87.5° | 64.2 | 31.3 | 46.3 | 50.7 | 71.6 | 132.8 | 135.8 | 146.3 | 143.3 | 165.7 | 165.7 |
| 90° | 62.7 | 25.4 | 40.3 | 38.8 | 71.6 | 113.4 | 104.5 | 106.0 | 113.4 | 140.3 | 141.8 |
| 92.5° | 65.7 | 23.9 | 41.8 | 38.8 | 76.1 | 89.6 | 83.6 | 80.6 | 89.6 | 106.0 | 109.0 |
| 95° | 58.2 | 22.4 | 44.8 | 41.8 | 65.7 | 59.7 | 53.7 | 59.7 | 58.2 | 58.2 | 59.7 |
| 97.5° | 34.3 | 16.4 | 43.3 | 41.8 | 52.2 | 31.3 | 35.8 | 44.8 | 34.3 | 25.4 | 23.9 |
| 100° | 14.9 | 10.4 | 41.8 | 40.3 | 32.8 | 19.4 | 29.9 | 37.3 | 25.4 | 10.4 | 10.4 |
| 102.5° | 9.0 | 9.0 | 29.9 | 37.3 | 19.4 | 10.4 | 22.4 | 25.4 | 14.9 | 9.0 | 9.0 |
| 105° | 9.0 | 9.0 | 14.9 | 22.4 | 7.5 | 6.0 | 10.4 | 11.9 | 7.5 | 7.5 | 7.5 |
| 107.5° | 9.0 | 9.0 | 7.5 | 7.5 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 7.5 | 7.5 |
| 110° | 9.0 | 9.0 | 6.0 | 7.5 | 6.0 | 4.5 | 4.5 | 4.5 | 6.0 | 7.5 | 7.5 |

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CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|-----|-----|------|------|------|------|------|------|------|------|------|
| 112.5° | 7.5 | 7.5 | 6.0 | 6.0 | 4.5 | 4.5 | 4.5 | 4.5 | 6.0 | 7.5 | 7.5 |
| 115° | 7.5 | 7.5 | 6.0 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 6.0 | 7.5 | 7.5 |
| 117.5° | 7.5 | 6.0 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 6.0 | 9.0 | 9.0 |
| 120° | 7.5 | 6.0 | 4.5 | 4.5 | 3.0 | 3.0 | 4.5 | 4.5 | 6.0 | 9.0 | 9.0 |
| 122.5° | 7.5 | 7.5 | 4.5 | 4.5 | 3.0 | 3.0 | 3.0 | 4.5 | 6.0 | 9.0 | 9.0 |
| 125° | 7.5 | 6.0 | 4.5 | 4.5 | 3.0 | 3.0 | 3.0 | 3.0 | 6.0 | 9.0 | 9.0 |
| 127.5° | 7.5 | 6.0 | 4.5 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 6.0 | 9.0 | 9.0 |
| 130° | 6.0 | 6.0 | 4.5 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 6.0 | 7.5 | 9.0 |
| 132.5° | 6.0 | 4.5 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.5 | 7.5 | 7.5 |
| 135° | 4.5 | 4.5 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.5 | 6.0 | 6.0 |
| 137.5° | 4.5 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.5 | 4.5 | 4.5 |
| 140° | 3.0 | 3.0 | 3.0 | 3.0 | 1.5 | 1.5 | 3.0 | 3.0 | 3.0 | 4.5 | 4.5 |
| 142.5° | 3.0 | 3.0 | 3.0 | 3.0 | 1.5 | 3.0 | 3.0 | 3.0 | 4.5 | 4.5 | 4.5 |
| 145° | 4.5 | 3.0 | 3.0 | 3.0 | 1.5 | 1.5 | 3.0 | 3.0 | 4.5 | 4.5 | 4.5 |
| 147.5° | 4.5 | 3.0 | 3.0 | 3.0 | 1.5 | 1.5 | 3.0 | 3.0 | 4.5 | 4.5 | 4.5 |
| 150° | 4.5 | 4.5 | 3.0 | 3.0 | 1.5 | 1.5 | 3.0 | 3.0 | 4.5 | 4.5 | 4.5 |
| 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)