

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: P415244

Luminaire Tested: **LXF.LXT-PA1-40-827-U-T2R-A**

Issue Date: 10/26/2020

Test Information

Test Method: LM-79-08
Report Number: P415244
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1909-505-3)
Test Lab: INNOVATION CENTER
Issue Date: 10/26/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: LXF.LXT-PA1-40-827-U-T2R-A
Description: DECORATIVE POST TOP LUMINAIRE
(1) 80 CRI, 2700K, 500mA LIGHT ENGINE WITH 24 LEDS AND TYPE II ROADWAY OPTICS AND REFRACTOR PANELS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3400 lumens
Efficiency: N/A
Efficacy: 85.0 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 1.17' x L: 1.17' x H: 0.83')
IES Classification: Type II - Medium - Non-Cutoff
BUG Rating: B1 - U3 - G2

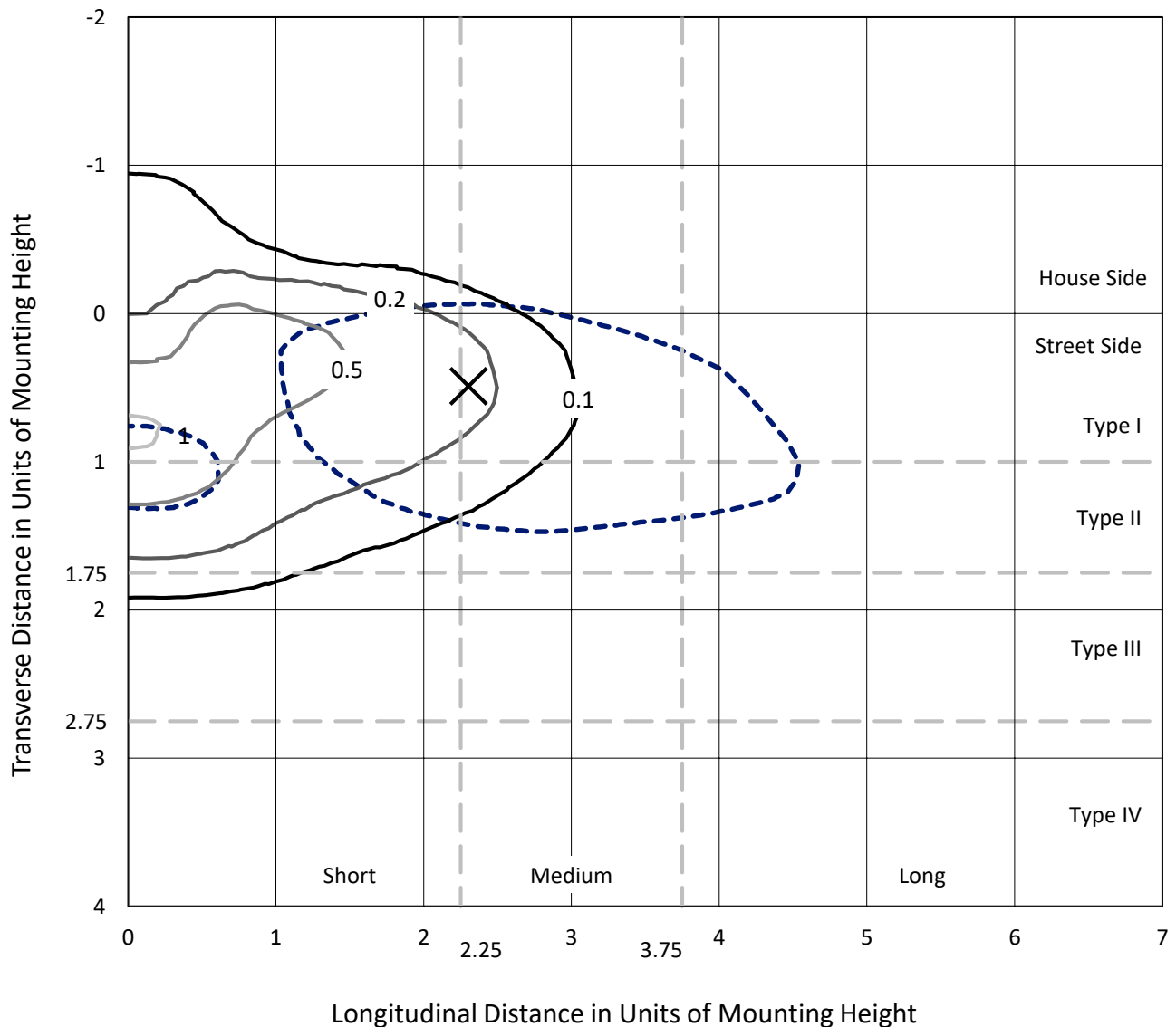
Input Watts (W): 40
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

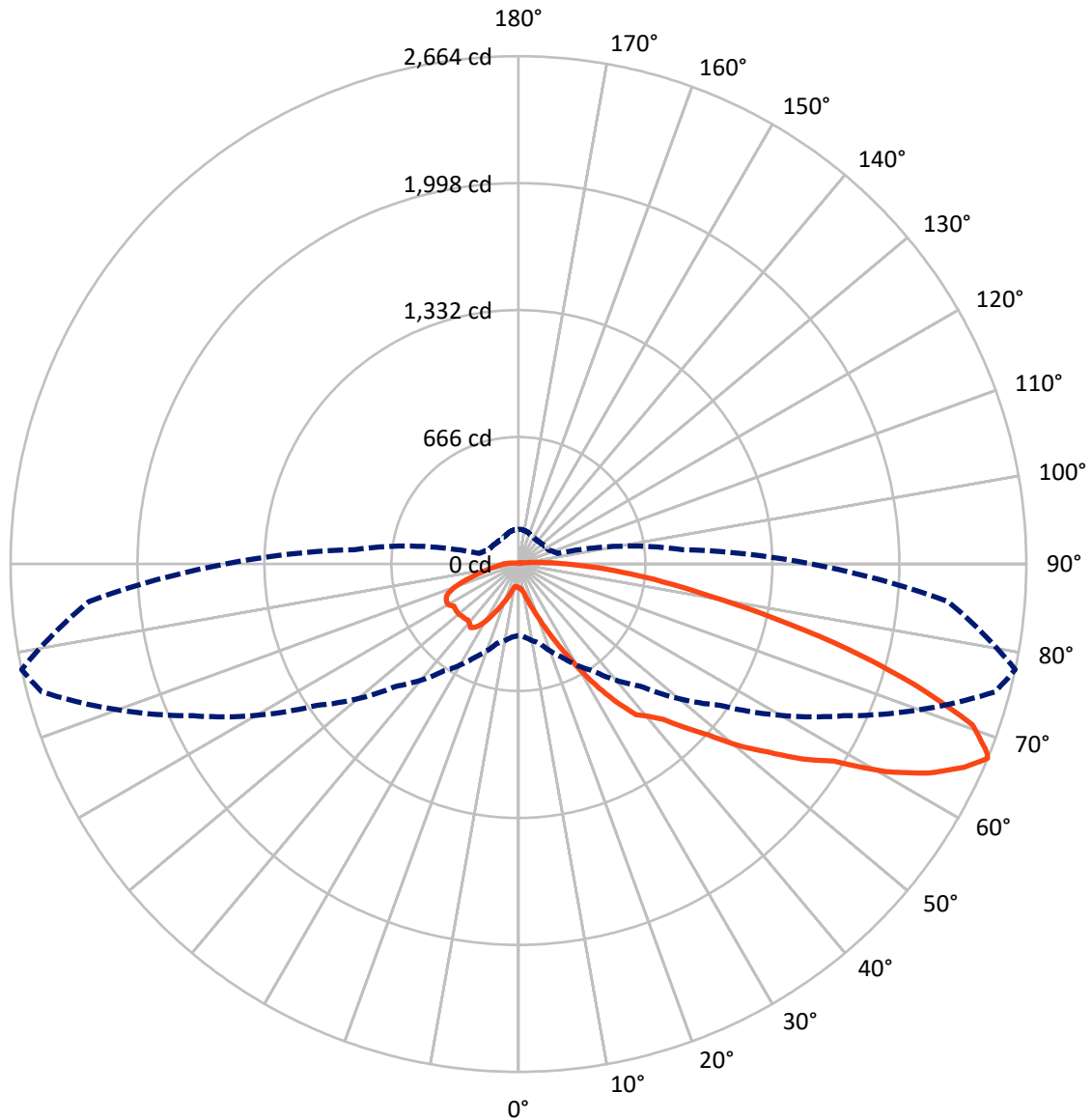
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.1 fc
 Type II - Medium - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 78-Deg Lateral - - - Horizontal Cone Through 67-Deg Vertical

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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 629.0 | 51.4 | 680.4 |
| | % Fixture | 18.5 | 1.5 | 20.0 |
| Street Side | Lumens | 2664.8 | 54.8 | 2719.6 |
| | % Fixture | 78.4 | 1.6 | 80.0 |
| Total | Lumens | 3293.8 | 106.2 | 3400.0 |
| | % Fixture | 96.9 | 3.1 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 12.5 | 0.4 |
| 10°-20° | 52.9 | 1.6 |
| 20°-30° | 158.6 | 4.7 |
| 30°-40° | 363.1 | 10.7 |
| 40°-50° | 580.0 | 17.1 |
| 50°-60° | 714.8 | 21.0 |
| 60°-70° | 745.0 | 21.9 |
| 70°-80° | 483.1 | 14.2 |
| 80°-90° | 183.7 | 5.4 |
| 90°-100° | 56.7 | 1.7 |
| 100°-110° | 21.8 | 0.6 |
| 110°-120° | 11.8 | 0.3 |
| 120°-130° | 7.8 | 0.2 |
| 130°-140° | 5.1 | 0.2 |
| 140°-150° | 2.3 | 0.1 |
| 150°-160° | 0.7 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-90° | 3293.8 | 96.9 |
| 0°-180° | 3400.0 | 100.0 |



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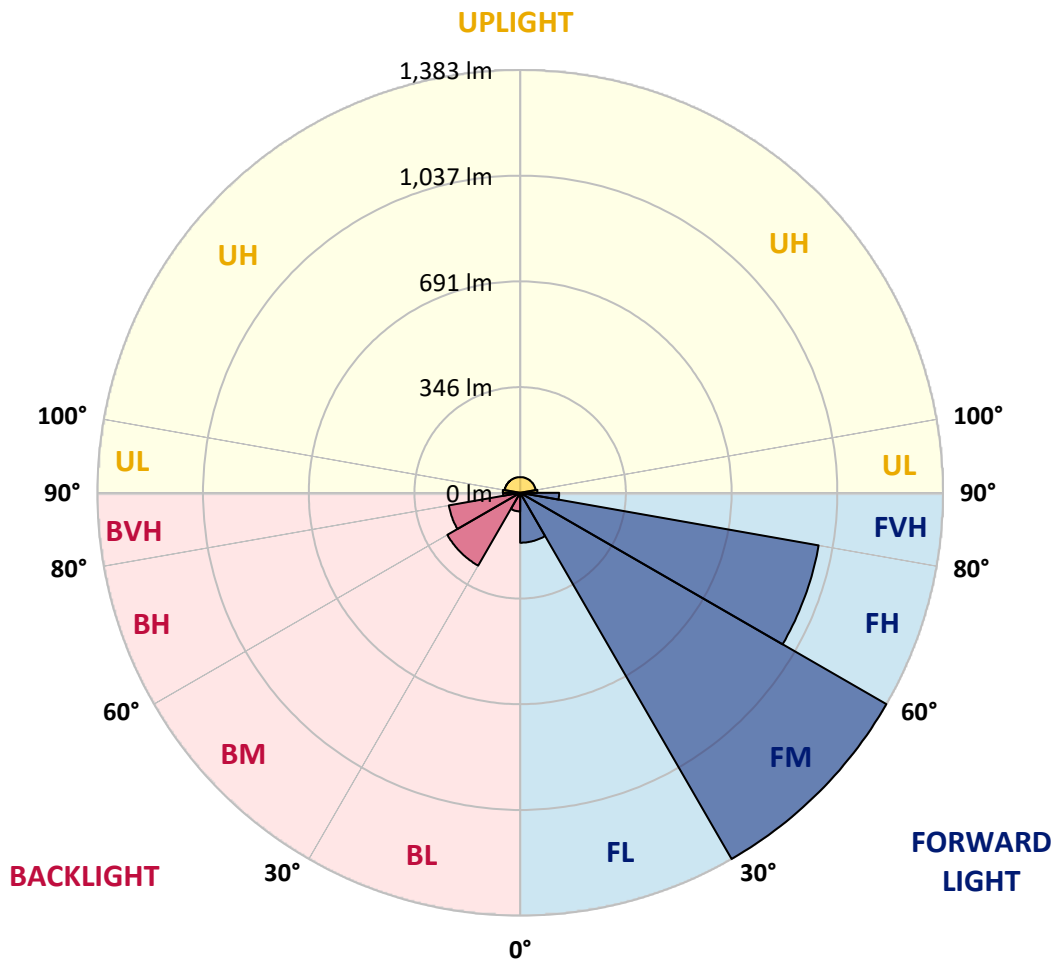
CATALOG NUMBER: LXF.LXT-PA1-40-827-U-T2R-A

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|--------|---------|
| | | | B | U | G |
| FL (0°-30°) | 163.2 | 4.8 | | | |
| FM (30°-60°) | 1383.0 | 40.7 | | | |
| FH (60°-80°) | 991.2 | 29.2 | | | G1/1800 |
| FVH (80°-90°) | 127.4 | 3.7 | | | G2/225 |
| BL (0°-30°) | 60.8 | 1.8 | B0/110 | | |
| BM (30°-60°) | 275.0 | 8.1 | B1/1000 | | |
| BH (60°-80°) | 237.0 | 7.0 | B1/500 | | G1/500 |
| BVH (80°-90°) | 56.3 | 1.7 | | | G1/100 |
| UL (90°-100°) | 56.7 | 1.7 | | U3/500 | |
| UH (100°-180°) | 51.4 | 1.5 | | U3/500 | |

BUG Rating: B1-U3-G2

Type II Medium





REPORT NUMBER: P415244

CATALOG NUMBER: LXF.LXT-PA1-40-827-U-T2R-A

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 78° | 85° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 124.0 | 124.0 | 124.0 | 124.0 | 124.0 | 124.0 | 124.0 | 124.0 | 124.0 | 124.0 | 124.0 |
| 2.5° | 140.0 | 139.6 | 139.2 | 138.4 | 136.8 | 135.2 | 132.8 | 129.6 | 127.2 | 126.8 | 124.4 |
| 5° | 157.8 | 156.5 | 156.5 | 154.5 | 151.3 | 148.1 | 143.3 | 137.6 | 133.2 | 130.8 | 127.2 |
| 7.5° | 179.5 | 177.1 | 177.9 | 174.7 | 170.2 | 164.6 | 157.0 | 149.3 | 140.9 | 138.4 | 133.2 |
| 10° | 205.6 | 204.0 | 202.4 | 198.4 | 193.2 | 184.3 | 177.1 | 165.8 | 154.5 | 151.3 | 143.3 |
| 12.5° | 237.4 | 237.8 | 233.0 | 228.6 | 219.7 | 210.9 | 202.0 | 191.2 | 178.7 | 175.1 | 164.6 |
| 15° | 282.1 | 281.7 | 276.5 | 266.4 | 255.5 | 245.9 | 238.6 | 227.0 | 214.9 | 210.9 | 195.2 |
| 17.5° | 334.4 | 333.2 | 329.2 | 311.5 | 300.6 | 293.0 | 282.5 | 275.3 | 258.0 | 253.5 | 234.2 |
| 20° | 410.9 | 403.6 | 394.4 | 370.6 | 354.5 | 344.9 | 336.4 | 327.2 | 308.7 | 301.0 | 278.1 |
| 22.5° | 495.8 | 499.4 | 482.5 | 445.9 | 418.9 | 401.2 | 392.4 | 387.5 | 373.5 | 368.2 | 333.6 |
| 25° | 601.2 | 601.2 | 574.7 | 534.4 | 499.4 | 466.4 | 464.4 | 470.1 | 451.1 | 447.5 | 410.9 |
| 27.5° | 712.3 | 716.7 | 681.7 | 638.7 | 585.6 | 546.9 | 544.9 | 549.7 | 548.1 | 537.7 | 485.3 |
| 30° | 839.1 | 835.1 | 795.6 | 743.3 | 672.9 | 627.4 | 621.8 | 656.8 | 659.6 | 652.4 | 595.2 |
| 32.5° | 986.8 | 983.6 | 934.1 | 853.2 | 766.2 | 713.9 | 717.6 | 767.1 | 786.4 | 773.9 | 707.1 |
| 35° | 1166.3 | 1170.3 | 1092.6 | 978.7 | 864.0 | 803.7 | 807.7 | 869.7 | 905.9 | 890.6 | 815.3 |
| 37.5° | 1350.6 | 1351.8 | 1280.6 | 1126.4 | 969.1 | 883.4 | 893.0 | 968.7 | 1015.4 | 1002.9 | 899.5 |
| 40° | 1467.3 | 1479.4 | 1411.0 | 1264.5 | 1079.7 | 963.0 | 971.1 | 1045.9 | 1073.3 | 1050.0 | 928.4 |
| 42.5° | 1569.5 | 1578.8 | 1509.2 | 1351.8 | 1163.9 | 1034.3 | 1031.5 | 1088.2 | 1127.6 | 1113.1 | 988.0 |
| 45° | 1619.8 | 1637.9 | 1575.2 | 1412.6 | 1223.0 | 1089.8 | 1068.1 | 1153.0 | 1240.7 | 1222.6 | 1084.6 |
| 47.5° | 1583.2 | 1605.3 | 1578.8 | 1444.4 | 1249.6 | 1124.8 | 1129.6 | 1246.4 | 1359.8 | 1339.7 | 1190.0 |
| 50° | 1463.7 | 1490.2 | 1499.1 | 1420.6 | 1256.4 | 1142.1 | 1193.6 | 1350.6 | 1502.7 | 1498.7 | 1319.6 |
| 52.5° | 1319.6 | 1333.7 | 1372.3 | 1349.0 | 1231.1 | 1162.2 | 1262.9 | 1451.6 | 1650.0 | 1637.5 | 1427.1 |
| 55° | 1186.4 | 1204.9 | 1236.7 | 1223.0 | 1168.3 | 1164.7 | 1317.6 | 1564.3 | 1806.6 | 1804.9 | 1562.3 |
| 57.5° | 1002.9 | 1028.6 | 1095.4 | 1103.1 | 1087.0 | 1149.8 | 1357.4 | 1652.8 | 1945.0 | 1950.6 | 1697.9 |
| 60° | 769.9 | 791.6 | 893.0 | 973.9 | 988.0 | 1114.8 | 1377.6 | 1750.2 | 2181.6 | 2211.0 | 1934.9 |
| 62.5° | 624.2 | 628.2 | 705.1 | 806.1 | 901.9 | 1050.8 | 1380.8 | 1873.4 | 2388.5 | 2415.0 | 2077.0 |
| 65° | 467.2 | 466.4 | 537.3 | 652.4 | 785.6 | 975.9 | 1370.7 | 1912.0 | 2500.8 | 2568.8 | 2212.6 |
| 67° | 375.5 | 384.3 | 429.8 | 539.3 | 685.0 | 905.9 | 1292.6 | 1883.4 | 2588.9 | 2663.8 | 2262.1 |
| 67.5° | 361.0 | 365.4 | 406.9 | 510.3 | 662.0 | 885.0 | 1269.7 | 1876.2 | 2588.5 | 2652.1 | 2247.2 |
| 70° | 288.1 | 294.2 | 324.4 | 392.8 | 529.6 | 747.7 | 1108.3 | 1708.0 | 2435.2 | 2527.7 | 2110.8 |
| 72.5° | 222.5 | 227.4 | 248.7 | 300.6 | 403.2 | 602.1 | 916.8 | 1469.7 | 2108.8 | 2182.0 | 1789.7 |
| 75° | 169.4 | 171.0 | 191.2 | 226.6 | 307.9 | 459.2 | 707.9 | 1157.4 | 1734.1 | 1789.7 | 1454.4 |
| 77.5° | 131.2 | 134.8 | 150.1 | 173.9 | 228.6 | 345.7 | 532.8 | 901.5 | 1379.6 | 1371.1 | 1105.9 |
| 80° | 102.2 | 105.4 | 116.7 | 133.2 | 171.4 | 253.9 | 390.0 | 666.4 | 1007.7 | 1017.8 | 809.7 |
| 82.5° | 82.1 | 84.5 | 92.2 | 104.2 | 132.0 | 193.2 | 284.9 | 498.2 | 766.2 | 762.6 | 593.6 |
| 85° | 65.6 | 67.2 | 72.8 | 83.3 | 101.8 | 146.5 | 210.5 | 370.2 | 540.9 | 545.3 | 405.3 |
| 87.5° | 51.1 | 53.1 | 59.6 | 66.0 | 80.5 | 111.5 | 155.3 | 256.8 | 359.8 | 363.4 | 278.5 |
| 90° | 39.8 | 41.0 | 46.7 | 53.5 | 65.2 | 84.5 | 112.3 | 175.9 | 231.8 | 227.4 | 179.1 |
| 92.5° | 29.4 | 30.6 | 35.8 | 42.3 | 50.7 | 65.2 | 80.9 | 112.7 | 135.6 | 138.4 | 111.9 |
| 95° | 20.9 | 22.1 | 26.6 | 31.4 | 38.6 | 49.5 | 57.5 | 71.6 | 83.3 | 80.9 | 71.6 |
| 97.5° | 16.1 | 16.5 | 19.7 | 23.3 | 29.4 | 38.2 | 42.7 | 49.5 | 54.7 | 53.5 | 49.9 |
| 100° | 12.9 | 13.3 | 15.7 | 17.7 | 22.9 | 30.2 | 34.2 | 37.8 | 41.0 | 39.8 | 38.2 |
| 102.5° | 10.9 | 11.3 | 12.9 | 14.5 | 18.9 | 25.4 | 27.8 | 30.2 | 31.4 | 31.4 | 30.6 |
| 105° | 9.3 | 9.7 | 10.9 | 12.5 | 16.1 | 20.9 | 22.5 | 23.7 | 25.0 | 24.5 | 24.5 |
| 107.5° | 8.5 | 8.5 | 9.7 | 10.9 | 14.1 | 17.7 | 18.5 | 18.9 | 19.3 | 19.3 | 20.1 |



REPORT NUMBER: P415244

CATALOG NUMBER: LXF.LXT-PA1-40-827-U-T2R-A

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 78° | 85° |
|--------|------|------|-----|-----|------|------|------|------|------|------|------|
| 110° | 7.6 | 8.0 | 8.9 | 9.7 | 12.5 | 15.7 | 15.7 | 15.3 | 15.3 | 15.3 | 16.5 |
| 112.5° | 7.2 | 7.6 | 8.0 | 9.3 | 11.7 | 13.7 | 13.3 | 12.5 | 12.5 | 12.9 | 14.1 |
| 115° | 7.2 | 7.2 | 7.6 | 8.9 | 10.9 | 12.5 | 11.7 | 10.5 | 10.5 | 10.9 | 12.1 |
| 117.5° | 7.2 | 7.2 | 8.0 | 8.9 | 10.5 | 11.3 | 10.5 | 9.3 | 8.9 | 9.3 | 10.5 |
| 120° | 7.6 | 7.6 | 8.0 | 8.9 | 9.7 | 10.5 | 9.7 | 8.5 | 8.0 | 8.5 | 9.7 |
| 122.5° | 8.0 | 8.0 | 8.0 | 8.9 | 9.3 | 9.7 | 8.9 | 7.6 | 7.2 | 7.6 | 8.9 |
| 125° | 8.5 | 8.5 | 8.5 | 8.9 | 9.3 | 8.9 | 8.0 | 7.2 | 7.2 | 7.2 | 8.5 |
| 127.5° | 9.3 | 9.3 | 9.3 | 9.3 | 8.9 | 8.5 | 7.6 | 6.8 | 7.2 | 7.2 | 8.0 |
| 130° | 10.1 | 10.1 | 9.7 | 9.3 | 8.9 | 8.0 | 7.2 | 6.4 | 6.8 | 7.2 | 8.0 |
| 132.5° | 10.5 | 10.1 | 9.7 | 8.9 | 8.5 | 7.2 | 6.4 | 6.0 | 6.4 | 6.8 | 7.6 |
| 135° | 9.7 | 9.7 | 8.9 | 8.0 | 7.6 | 6.4 | 5.6 | 5.6 | 6.0 | 6.4 | 6.8 |
| 137.5° | 8.5 | 8.5 | 8.0 | 7.2 | 6.8 | 6.0 | 5.2 | 4.8 | 5.6 | 6.0 | 6.4 |
| 140° | 7.2 | 7.2 | 6.8 | 6.0 | 5.6 | 5.2 | 4.4 | 4.0 | 4.8 | 5.2 | 5.6 |
| 142.5° | 6.0 | 6.0 | 5.6 | 4.8 | 4.8 | 4.4 | 3.6 | 3.6 | 4.4 | 4.4 | 4.8 |
| 145° | 4.8 | 4.8 | 4.8 | 4.0 | 4.0 | 3.6 | 2.8 | 3.2 | 3.6 | 4.0 | 4.0 |
| 147.5° | 4.0 | 4.0 | 4.0 | 3.2 | 3.2 | 2.8 | 2.0 | 2.4 | 2.8 | 3.2 | 3.2 |
| 150° | 3.2 | 3.2 | 3.2 | 2.8 | 2.4 | 2.0 | 1.6 | 2.0 | 2.0 | 2.4 | 2.4 |
| 152.5° | 2.4 | 2.4 | 2.4 | 2.0 | 2.0 | 1.2 | 1.2 | 1.6 | 1.6 | 2.0 | 2.0 |
| 155° | 1.6 | 1.6 | 2.0 | 1.6 | 1.2 | 0.8 | 1.2 | 1.2 | 1.6 | 1.6 | 1.6 |
| 157.5° | 1.2 | 1.2 | 1.2 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 1.2 | 1.2 | 1.2 |
| 160° | 0.4 | 0.4 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 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-PA1-40-827-U-T2R-A

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 124.0 | 124.0 | 124.0 | 124.0 | 124.0 | 124.0 | 124.0 | 124.0 | 124.0 | 124.0 | 124.0 |
| 2.5° | 123.1 | 122.3 | 120.3 | 118.3 | 116.3 | 114.7 | 112.7 | 112.3 | 112.3 | 111.5 | 111.5 |
| 5° | 124.8 | 122.3 | 117.5 | 113.5 | 109.1 | 105.4 | 102.6 | 101.4 | 100.2 | 99.4 | 98.6 |
| 7.5° | 128.4 | 124.4 | 116.3 | 109.9 | 103.4 | 97.8 | 93.8 | 91.8 | 90.5 | 89.3 | 89.7 |
| 10° | 136.8 | 130.8 | 119.1 | 108.7 | 99.0 | 91.4 | 86.5 | 84.1 | 83.3 | 82.1 | 82.1 |
| 12.5° | 154.9 | 146.9 | 130.0 | 112.3 | 97.4 | 86.9 | 81.3 | 80.5 | 81.3 | 82.5 | 82.5 |
| 15° | 183.5 | 171.4 | 146.9 | 122.3 | 101.0 | 86.1 | 82.9 | 85.3 | 88.1 | 89.7 | 89.7 |
| 17.5° | 218.5 | 202.0 | 167.0 | 134.0 | 106.2 | 93.4 | 89.3 | 92.6 | 96.2 | 98.6 | 98.6 |
| 20° | 257.2 | 235.0 | 187.5 | 144.1 | 113.9 | 103.4 | 99.0 | 101.8 | 106.6 | 110.3 | 109.9 |
| 22.5° | 307.5 | 275.3 | 211.3 | 152.9 | 123.1 | 112.7 | 109.9 | 113.5 | 120.7 | 125.6 | 126.0 |
| 25° | 369.8 | 325.6 | 239.0 | 164.6 | 131.6 | 120.7 | 121.5 | 128.0 | 137.6 | 142.9 | 142.9 |
| 27.5° | 436.2 | 380.3 | 262.8 | 176.3 | 140.5 | 129.2 | 133.2 | 142.1 | 152.5 | 158.6 | 159.4 |
| 30° | 524.0 | 450.7 | 292.6 | 187.9 | 148.1 | 137.6 | 142.5 | 152.9 | 160.6 | 164.2 | 164.6 |
| 32.5° | 613.3 | 517.5 | 316.3 | 200.0 | 155.3 | 143.7 | 148.1 | 158.2 | 165.0 | 169.0 | 168.6 |
| 35° | 694.2 | 571.5 | 330.4 | 205.6 | 161.8 | 148.1 | 150.1 | 161.0 | 165.0 | 167.4 | 167.0 |
| 37.5° | 756.2 | 610.1 | 335.6 | 206.9 | 164.2 | 150.1 | 150.9 | 160.2 | 165.8 | 170.2 | 169.4 |
| 40° | 766.6 | 604.9 | 315.9 | 199.6 | 163.8 | 150.1 | 151.7 | 162.2 | 168.2 | 170.2 | 169.8 |
| 42.5° | 805.3 | 619.4 | 299.0 | 186.7 | 159.0 | 149.7 | 153.3 | 163.0 | 165.8 | 164.6 | 163.4 |
| 45° | 872.5 | 649.9 | 294.2 | 180.3 | 152.9 | 148.5 | 154.1 | 161.0 | 160.6 | 158.2 | 157.4 |
| 47.5° | 938.9 | 679.3 | 283.7 | 177.5 | 151.3 | 148.1 | 153.7 | 158.6 | 159.8 | 157.4 | 156.5 |
| 50° | 1023.4 | 718.4 | 275.3 | 173.5 | 151.7 | 148.1 | 152.9 | 158.6 | 159.4 | 155.3 | 154.9 |
| 52.5° | 1099.1 | 745.3 | 262.8 | 169.8 | 152.1 | 149.3 | 152.9 | 158.6 | 159.0 | 154.9 | 154.1 |
| 55° | 1177.9 | 773.9 | 249.9 | 166.2 | 153.3 | 150.5 | 154.1 | 159.0 | 159.4 | 156.5 | 155.7 |
| 57.5° | 1256.8 | 798.8 | 235.4 | 163.4 | 154.5 | 152.9 | 154.9 | 159.4 | 162.6 | 161.8 | 161.8 |
| 60° | 1417.8 | 870.5 | 233.0 | 163.8 | 155.7 | 154.9 | 155.7 | 161.4 | 167.4 | 165.4 | 165.8 |
| 62.5° | 1481.4 | 885.8 | 228.6 | 169.0 | 159.4 | 156.5 | 157.0 | 163.0 | 169.4 | 172.2 | 171.8 |
| 65° | 1539.3 | 887.0 | 219.7 | 172.6 | 163.8 | 157.8 | 157.8 | 163.4 | 174.3 | 180.7 | 180.7 |
| 67° | 1536.1 | 862.8 | 213.3 | 173.0 | 165.8 | 159.0 | 157.4 | 163.4 | 174.7 | 181.9 | 182.3 |
| 67.5° | 1517.6 | 847.1 | 210.9 | 173.0 | 166.2 | 159.0 | 157.0 | 163.0 | 174.7 | 182.3 | 182.3 |
| 70° | 1406.1 | 764.6 | 195.2 | 168.6 | 165.0 | 157.0 | 154.5 | 159.0 | 172.2 | 182.7 | 182.7 |
| 72.5° | 1164.7 | 629.4 | 173.0 | 157.8 | 157.4 | 151.7 | 148.1 | 152.9 | 165.8 | 176.7 | 176.3 |
| 75° | 941.3 | 503.1 | 150.9 | 141.7 | 145.7 | 141.7 | 138.8 | 142.5 | 154.9 | 165.8 | 165.0 |
| 77.5° | 703.5 | 377.9 | 130.4 | 126.4 | 132.0 | 129.2 | 126.8 | 130.4 | 142.5 | 152.9 | 151.3 |
| 80° | 520.0 | 291.4 | 113.5 | 111.9 | 115.9 | 115.1 | 114.3 | 115.9 | 126.4 | 133.2 | 132.0 |
| 82.5° | 382.7 | 221.7 | 97.8 | 96.6 | 101.4 | 101.4 | 101.4 | 102.6 | 110.3 | 112.7 | 111.5 |
| 85° | 272.0 | 167.0 | 86.1 | 82.9 | 86.9 | 88.9 | 90.1 | 90.5 | 94.6 | 95.0 | 92.2 |
| 87.5° | 191.6 | 131.6 | 77.3 | 70.4 | 72.4 | 76.9 | 78.9 | 78.5 | 80.1 | 78.9 | 76.1 |
| 90° | 133.6 | 103.4 | 70.0 | 60.0 | 60.0 | 64.4 | 67.6 | 67.2 | 67.6 | 64.4 | 61.6 |
| 92.5° | 94.2 | 78.1 | 59.2 | 49.5 | 48.7 | 53.1 | 55.9 | 55.5 | 55.5 | 52.3 | 49.5 |
| 95° | 63.2 | 57.5 | 47.1 | 39.8 | 38.6 | 42.3 | 45.1 | 44.3 | 44.3 | 41.0 | 39.8 |
| 97.5° | 46.7 | 43.9 | 38.6 | 33.8 | 31.4 | 33.4 | 35.4 | 35.4 | 35.8 | 33.8 | 32.6 |
| 100° | 36.6 | 35.4 | 33.0 | 29.0 | 26.6 | 27.0 | 28.2 | 28.2 | 29.8 | 28.2 | 27.4 |
| 102.5° | 30.6 | 29.8 | 27.8 | 25.0 | 22.9 | 22.5 | 23.3 | 23.7 | 25.8 | 24.5 | 24.1 |
| 105° | 25.4 | 25.0 | 23.7 | 21.3 | 19.7 | 19.7 | 19.7 | 20.1 | 22.1 | 21.3 | 21.3 |
| 107.5° | 20.5 | 20.5 | 20.5 | 18.5 | 17.3 | 17.3 | 16.9 | 17.3 | 18.9 | 18.9 | 18.9 |



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CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 110° | 17.3 | 17.3 | 17.7 | 16.1 | 15.3 | 15.3 | 14.9 | 15.3 | 16.9 | 17.3 | 17.3 |
| 112.5° | 14.9 | 14.9 | 15.3 | 14.5 | 13.7 | 13.7 | 13.3 | 13.3 | 14.9 | 16.1 | 16.1 |
| 115° | 12.9 | 13.3 | 13.3 | 12.9 | 12.5 | 12.1 | 11.7 | 12.1 | 13.7 | 14.9 | 14.9 |
| 117.5° | 11.3 | 11.7 | 12.1 | 11.7 | 11.3 | 10.9 | 10.5 | 10.9 | 12.5 | 14.1 | 14.1 |
| 120° | 10.1 | 10.5 | 10.9 | 10.9 | 10.5 | 10.1 | 9.3 | 10.1 | 11.3 | 12.9 | 13.3 |
| 122.5° | 9.3 | 9.7 | 9.7 | 9.7 | 9.7 | 8.9 | 8.5 | 8.9 | 10.1 | 11.7 | 12.1 |
| 125° | 8.9 | 8.9 | 9.3 | 9.3 | 8.9 | 8.0 | 7.6 | 8.0 | 8.9 | 10.1 | 10.5 |
| 127.5° | 8.5 | 8.5 | 8.9 | 8.9 | 8.0 | 7.2 | 6.8 | 7.2 | 8.0 | 8.9 | 8.9 |
| 130° | 8.5 | 8.5 | 8.5 | 8.0 | 7.6 | 6.8 | 6.0 | 6.4 | 7.2 | 8.0 | 8.0 |
| 132.5° | 8.0 | 7.6 | 7.6 | 7.6 | 6.8 | 6.0 | 5.6 | 5.6 | 6.4 | 7.2 | 7.2 |
| 135° | 7.2 | 7.2 | 6.8 | 6.8 | 6.4 | 5.2 | 4.8 | 4.8 | 5.6 | 6.4 | 6.4 |
| 137.5° | 6.4 | 6.4 | 6.0 | 6.0 | 5.6 | 4.8 | 4.0 | 4.4 | 5.2 | 5.2 | 5.6 |
| 140° | 5.6 | 5.6 | 5.2 | 5.2 | 4.8 | 4.0 | 3.2 | 3.6 | 4.4 | 4.4 | 4.8 |
| 142.5° | 4.8 | 4.8 | 4.8 | 4.4 | 4.0 | 3.2 | 2.8 | 3.2 | 4.0 | 4.0 | 4.0 |
| 145° | 4.0 | 4.0 | 4.0 | 3.6 | 3.2 | 2.4 | 2.0 | 2.8 | 3.6 | 3.2 | 3.2 |
| 147.5° | 3.2 | 3.2 | 3.2 | 3.2 | 2.4 | 2.0 | 1.6 | 2.4 | 2.8 | 2.8 | 2.8 |
| 150° | 2.4 | 2.4 | 2.4 | 2.4 | 2.0 | 1.2 | 1.2 | 2.0 | 2.4 | 2.4 | 2.4 |
| 152.5° | 2.0 | 2.0 | 2.0 | 2.4 | 2.0 | 0.8 | 0.8 | 1.6 | 2.0 | 2.0 | 2.0 |
| 155° | 1.6 | 1.6 | 2.0 | 2.0 | 1.6 | 0.8 | 0.4 | 1.2 | 1.6 | 1.6 | 1.6 |
| 157.5° | 1.2 | 1.2 | 1.6 | 1.6 | 1.2 | 0.8 | 0.4 | 0.8 | 1.6 | 1.2 | 1.2 |
| 160° | 0.8 | 1.2 | 1.2 | 1.2 | 1.2 | 0.8 | 0.0 | 0.8 | 1.2 | 0.8 | 0.8 |
| 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)