

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: P695952

Luminaire Tested: **LXF.LXT-PA16-740-U-T3-CL**

Issue Date: 7/5/2023

Test Information

Test Method: LM-79-08
Report Number: P695952
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2306-062-18)
Test Lab: INNOVATION CENTER
Issue Date: 7/5/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: LXF.LXT-PA16-740-U-T3-CL
Description: DECORATIVE POST TOP LUMINAIRE
(1) 70 CRI, 4000K, 1340mA LIGHTSQUARE WITH 16 LEDS AND TYPE III OPTICS
AND CLEAR LENS PANELS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7386.1 lumens
Efficiency: N/A
Efficacy: 102.6 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 1.17' x L: 1.17' x H: 0.83')
IES Classification: Type III - Medium
BUG Rating: B2 - U3 - G2

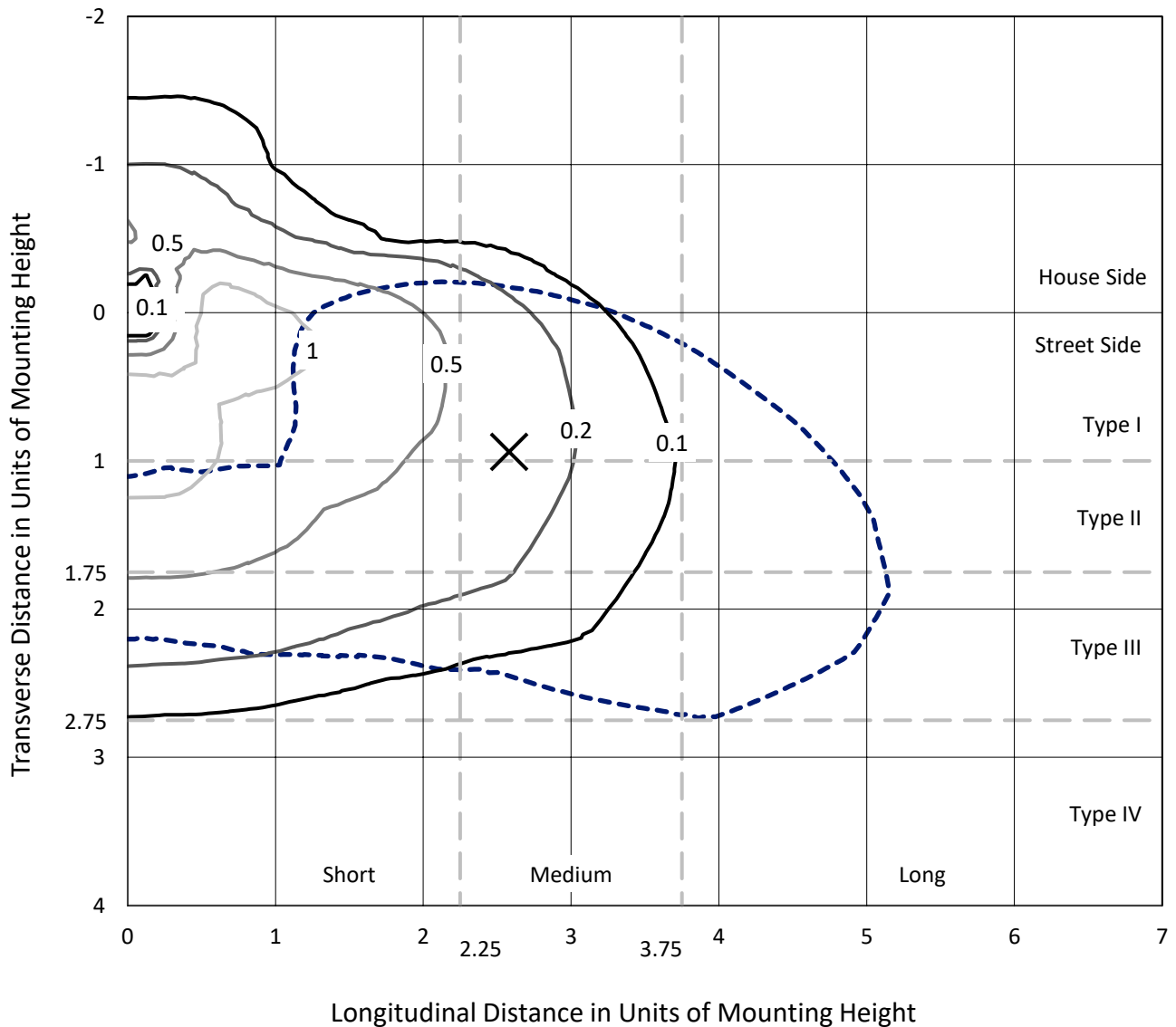
Input Watts (W): 72
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P695952
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Iso-Footcandle Lines of Horizontal Illumination

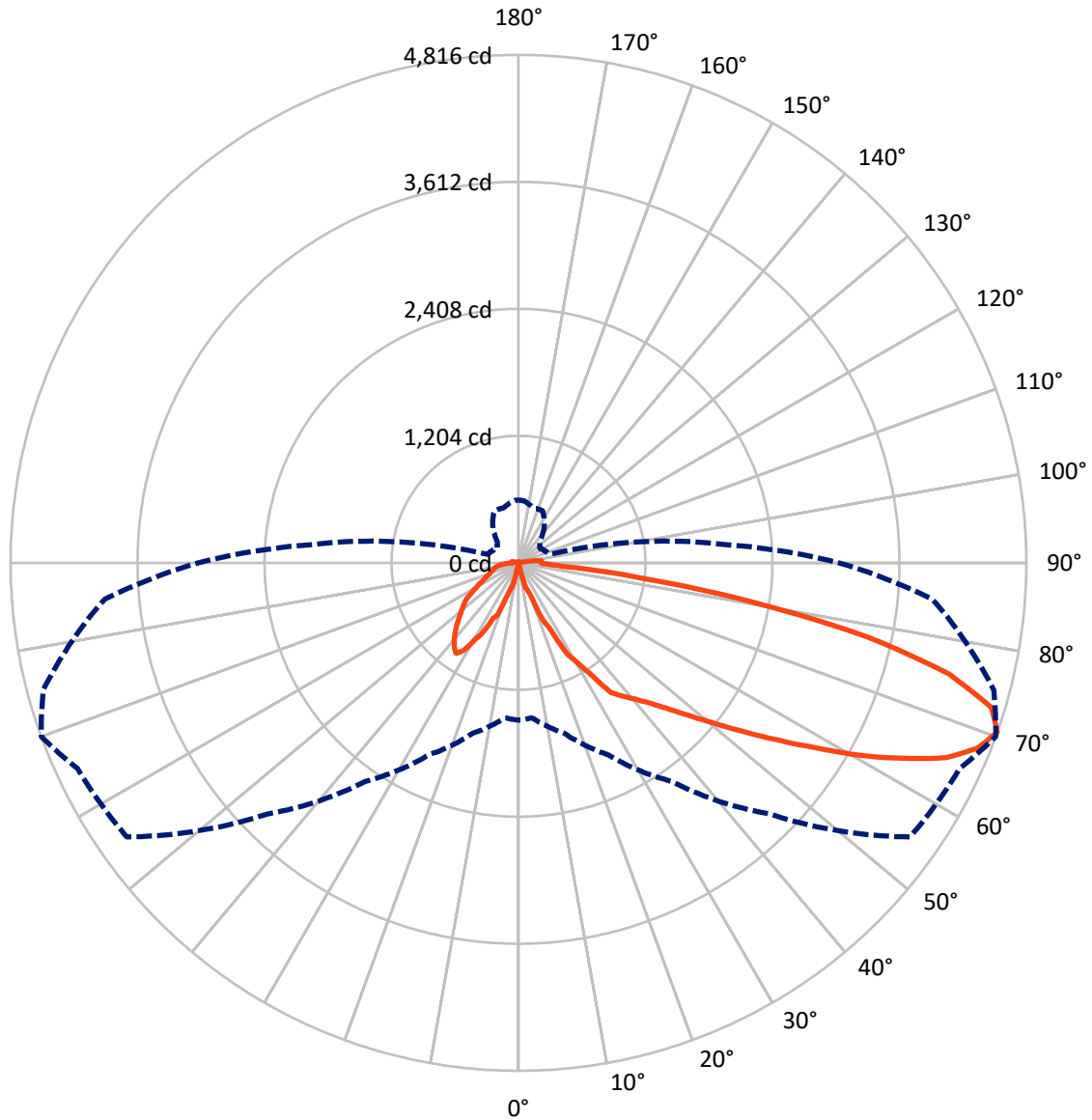
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.7 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 70-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

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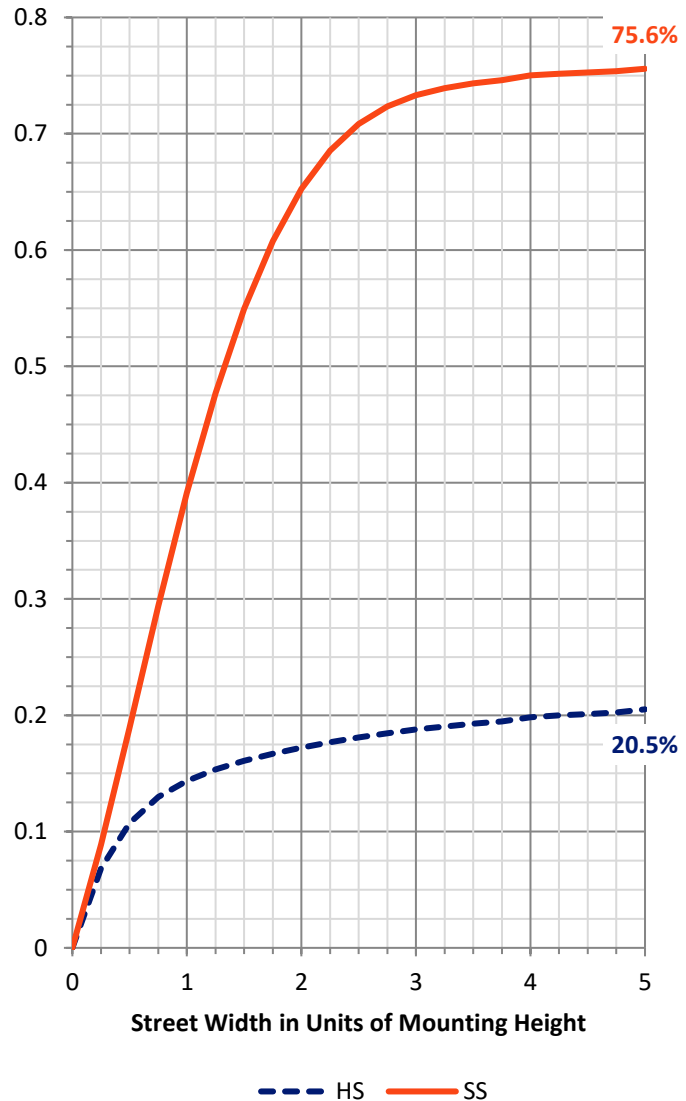
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1607.3 | 79.7 | 1686.9 |
| | % Fixture | 21.8 | 1.1 | 22.8 |
| Street Side | Lumens | 5629.1 | 70.1 | 5699.2 |
| | % Fixture | 76.2 | 0.9 | 77.2 |
| Total | Lumens | 7236.3 | 149.8 | 7386.1 |
| | % Fixture | 98.0 | 2.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 0.6 | 0.0 |
| 10°-20° | 52.7 | 0.7 |
| 20°-30° | 301.8 | 4.1 |
| 30°-40° | 696.7 | 9.4 |
| 40°-50° | 1020.5 | 13.8 |
| 50°-60° | 1509.3 | 20.4 |
| 60°-70° | 1979.5 | 26.8 |
| 70°-80° | 1344.4 | 18.2 |
| 80°-90° | 330.7 | 4.5 |
| 90°-100° | 108.6 | 1.5 |
| 100°-110° | 19.4 | 0.3 |
| 110°-120° | 7.7 | 0.1 |
| 120°-130° | 6.1 | 0.1 |
| 130°-140° | 4.3 | 0.1 |
| 140°-150° | 3.3 | 0.0 |
| 150°-160° | 0.3 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-90° | 7236.3 | 98.0 |
| 0°-180° | 7386.1 | 100.0 |

Coefficient of Utilization

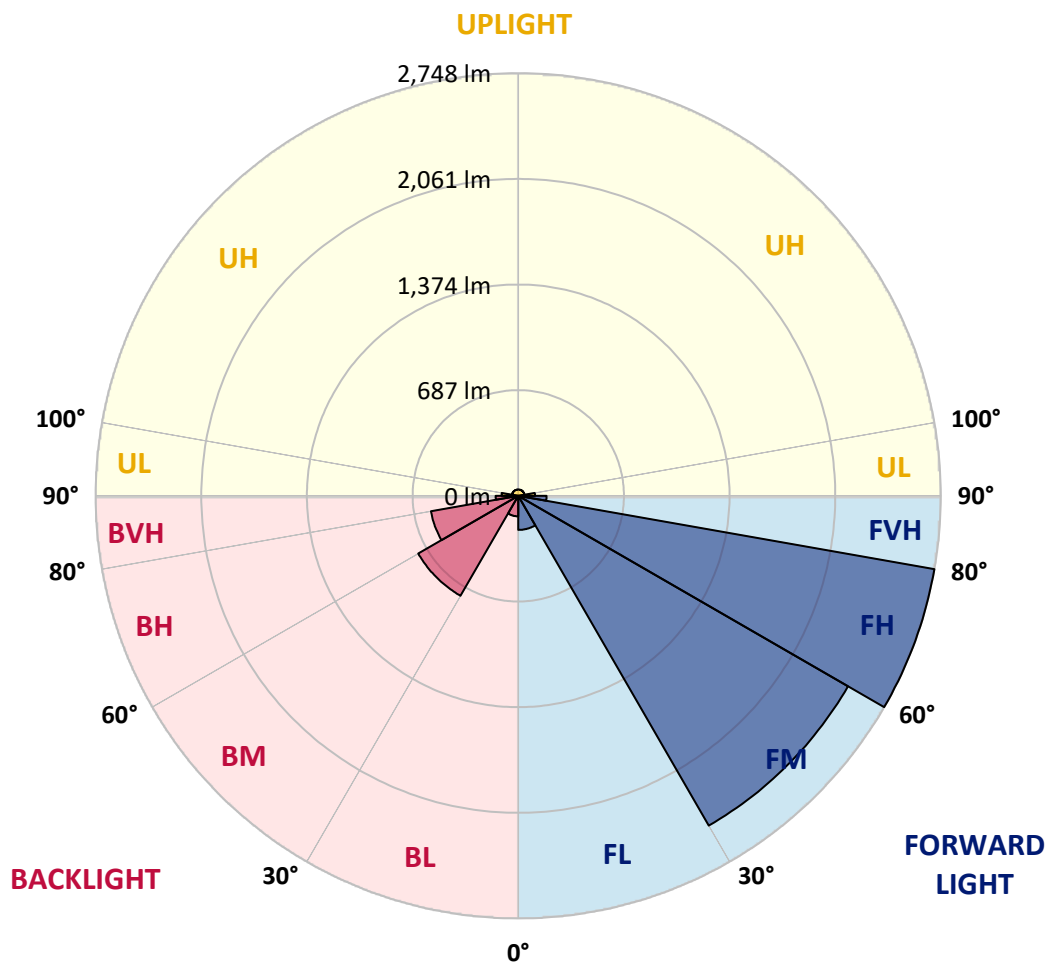


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 CATALOG NUMBER: LXF.LXT-PA16-740-U-T3-CL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|--------|---------|
| | | | B | U | G |
| FL (0°-30°) | 221.8 | 3.0 | | | |
| FM (30°-60°) | 2475.9 | 33.5 | | | |
| FH (60°-80°) | 2747.7 | 37.2 | | | G2/5000 |
| FVH (80°-90°) | 183.7 | 2.5 | | | G2/225 |
| BL (0°-30°) | 133.4 | 1.8 | B1/500 | | |
| BM (30°-60°) | 750.6 | 10.2 | B1/1000 | | |
| BH (60°-80°) | 576.3 | 7.8 | B2/1000 | | G2/1000 |
| BVH (80°-90°) | 147.0 | 2.0 | | | G2/225 |
| UL (90°-100°) | 108.6 | 1.5 | | U3/500 | |
| UH (100°-180°) | 41.1 | 0.6 | | U2/50 | |

BUG Rating: B2-U3-G2
 Type III Medium



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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 70° | 75° | 85° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 |
| 2.5° | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 |
| 5° | 5.2 | 5.2 | 5.2 | 5.2 | 7.8 | 7.8 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 |
| 7.5° | 7.8 | 5.2 | 5.2 | 7.8 | 7.8 | 7.8 | 7.8 | 5.2 | 5.2 | 5.2 | 5.2 |
| 10° | 43.9 | 46.5 | 31.0 | 18.1 | 12.9 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 |
| 12.5° | 237.8 | 235.2 | 230.0 | 160.3 | 56.9 | 18.1 | 12.9 | 23.3 | 28.4 | 36.2 | 51.7 |
| 15° | 268.8 | 271.4 | 263.7 | 261.1 | 245.6 | 93.1 | 49.1 | 217.1 | 237.8 | 240.4 | 240.4 |
| 17.5° | 374.8 | 372.2 | 336.0 | 294.7 | 276.6 | 286.9 | 230.0 | 258.5 | 268.8 | 274.0 | 276.6 |
| 20° | 630.7 | 628.1 | 620.4 | 529.9 | 341.2 | 418.7 | 405.8 | 307.6 | 325.7 | 418.7 | 532.5 |
| 22.5° | 703.1 | 697.9 | 687.6 | 661.7 | 685.0 | 478.2 | 465.3 | 540.2 | 586.8 | 615.2 | 612.6 |
| 25° | 1077.9 | 1088.2 | 896.9 | 744.4 | 757.4 | 654.0 | 703.1 | 697.9 | 685.0 | 690.1 | 697.9 |
| 27.5° | 1199.4 | 1189.0 | 1173.5 | 1098.5 | 842.7 | 889.2 | 801.3 | 891.8 | 974.5 | 1021.0 | 1008.1 |
| 30° | 1538.0 | 1535.4 | 1351.9 | 1222.6 | 1106.3 | 964.1 | 997.7 | 1124.4 | 1096.0 | 1103.7 | 1062.4 |
| 32.5° | 1796.4 | 1793.9 | 1768.0 | 1509.5 | 1253.6 | 1090.8 | 1183.8 | 1189.0 | 1261.4 | 1403.6 | 1416.5 |
| 35° | 1897.3 | 1886.9 | 1868.8 | 1680.1 | 1426.8 | 1284.7 | 1251.1 | 1470.8 | 1512.1 | 1517.3 | 1481.1 |
| 37.5° | 2000.6 | 1987.7 | 1972.2 | 1762.8 | 1597.4 | 1362.2 | 1434.6 | 1602.6 | 1602.6 | 1636.2 | 1545.7 |
| 40° | 2060.1 | 2060.1 | 2057.5 | 1832.6 | 1675.0 | 1432.0 | 1525.0 | 1703.4 | 1698.2 | 1721.5 | 1636.2 |
| 42.5° | 2135.1 | 2127.3 | 2155.7 | 1905.0 | 1755.1 | 1504.4 | 1612.9 | 1799.0 | 1814.5 | 1874.0 | 1757.7 |
| 45° | 2241.0 | 2251.4 | 2264.3 | 2060.1 | 1863.7 | 1610.3 | 1716.3 | 1949.0 | 1964.5 | 2044.6 | 1933.4 |
| 47.5° | 2357.4 | 2370.3 | 2416.8 | 2222.9 | 2039.4 | 1744.8 | 1804.2 | 2119.5 | 2155.7 | 2254.0 | 2155.7 |
| 50° | 2502.1 | 2504.7 | 2571.9 | 2385.8 | 2264.3 | 1936.0 | 1964.5 | 2285.0 | 2380.6 | 2468.5 | 2409.0 |
| 52.5° | 2605.5 | 2615.8 | 2698.5 | 2595.2 | 2471.1 | 2166.1 | 2197.1 | 2499.5 | 2649.4 | 2758.0 | 2683.0 |
| 55° | 2696.0 | 2703.7 | 2781.3 | 2755.4 | 2644.3 | 2341.8 | 2499.5 | 2789.0 | 2957.0 | 3050.1 | 3019.1 |
| 57.5° | 2729.6 | 2737.3 | 2853.6 | 2874.3 | 2820.0 | 2564.1 | 2817.5 | 3075.9 | 3300.8 | 3404.2 | 3352.5 |
| 60° | 2706.3 | 2706.3 | 2848.5 | 2959.6 | 3013.9 | 2809.7 | 3153.5 | 3399.0 | 3704.0 | 3773.8 | 3791.9 |
| 62.5° | 2628.8 | 2649.4 | 2822.6 | 2995.8 | 3153.5 | 3050.1 | 3494.7 | 3799.7 | 4081.4 | 4146.0 | 4104.7 |
| 65° | 2458.2 | 2463.3 | 2646.9 | 2918.3 | 3169.0 | 3311.2 | 3931.5 | 4138.3 | 4456.2 | 4433.0 | 4257.2 |
| 67.5° | 2135.1 | 2098.9 | 2259.1 | 2641.7 | 2998.4 | 3445.6 | 4296.0 | 4425.2 | 4691.4 | 4613.9 | 4218.4 |
| 70° | 1491.4 | 1475.9 | 1672.4 | 2008.4 | 2528.0 | 3368.0 | 4531.2 | 4613.9 | 4815.5 | 4665.6 | 3936.7 |
| 72.5° | 708.2 | 765.1 | 863.3 | 1150.2 | 1752.5 | 2843.3 | 4466.6 | 4595.8 | 4686.3 | 4515.7 | 3419.7 |
| 75° | 310.2 | 317.9 | 369.6 | 522.1 | 902.1 | 1796.4 | 3908.2 | 4128.0 | 4218.4 | 4024.6 | 2693.4 |
| 77.5° | 222.3 | 222.3 | 245.6 | 284.3 | 411.0 | 858.2 | 2662.4 | 3269.8 | 3386.1 | 3197.4 | 1886.9 |
| 80° | 173.2 | 173.2 | 191.3 | 217.1 | 255.9 | 354.1 | 1659.5 | 2191.9 | 2233.3 | 1954.1 | 1052.0 |
| 82.5° | 129.2 | 134.4 | 149.9 | 162.8 | 188.7 | 243.0 | 710.8 | 1127.0 | 1155.4 | 907.3 | 550.6 |
| 85° | 93.1 | 93.1 | 103.4 | 103.4 | 124.1 | 188.7 | 367.0 | 413.6 | 411.0 | 364.5 | 341.2 |
| 87.5° | 31.0 | 31.0 | 25.8 | 31.0 | 51.7 | 118.9 | 230.0 | 232.6 | 222.3 | 253.3 | 286.9 |
| 90° | 36.2 | 36.2 | 25.8 | 28.4 | 38.8 | 108.6 | 222.3 | 222.3 | 212.0 | 227.5 | 286.9 |
| 92.5° | 38.8 | 38.8 | 28.4 | 28.4 | 33.6 | 95.6 | 224.9 | 235.2 | 222.3 | 230.0 | 284.3 |
| 95° | 38.8 | 38.8 | 28.4 | 25.8 | 31.0 | 64.6 | 217.1 | 217.1 | 209.4 | 204.2 | 224.9 |
| 97.5° | 23.3 | 23.3 | 18.1 | 20.7 | 25.8 | 33.6 | 129.2 | 134.4 | 118.9 | 93.1 | 121.5 |
| 100° | 15.5 | 15.5 | 12.9 | 15.5 | 18.1 | 18.1 | 62.0 | 64.6 | 49.1 | 23.3 | 25.8 |
| 102.5° | 15.5 | 15.5 | 10.3 | 12.9 | 10.3 | 10.3 | 18.1 | 23.3 | 15.5 | 15.5 | 20.7 |
| 105° | 15.5 | 18.1 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 | 15.5 | 12.9 | 12.9 | 20.7 |
| 107.5° | 15.5 | 15.5 | 7.8 | 7.8 | 7.8 | 7.8 | 5.2 | 7.8 | 10.3 | 12.9 | 23.3 |
| 110° | 7.8 | 10.3 | 5.2 | 7.8 | 5.2 | 7.8 | 5.2 | 7.8 | 10.3 | 10.3 | 18.1 |

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 CATALOG NUMBER: LXF.LXT-PA16-740-U-T3-CL

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 70° | 75° | 85° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| 112.5° | 5.2 | 5.2 | 2.6 | 5.2 | 5.2 | 5.2 | 5.2 | 7.8 | 7.8 | 7.8 | 12.9 |
| 115° | 5.2 | 5.2 | 2.6 | 2.6 | 2.6 | 5.2 | 5.2 | 5.2 | 7.8 | 7.8 | 12.9 |
| 117.5° | 5.2 | 5.2 | 2.6 | 2.6 | 2.6 | 2.6 | 5.2 | 5.2 | 5.2 | 7.8 | 12.9 |
| 120° | 7.8 | 5.2 | 2.6 | 2.6 | 2.6 | 2.6 | 5.2 | 5.2 | 7.8 | 7.8 | 12.9 |
| 122.5° | 7.8 | 5.2 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 5.2 | 5.2 | 7.8 | 12.9 |
| 125° | 7.8 | 5.2 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 5.2 | 5.2 | 7.8 | 12.9 |
| 127.5° | 5.2 | 5.2 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 5.2 | 5.2 | 7.8 | 12.9 |
| 130° | 5.2 | 5.2 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 5.2 | 5.2 | 7.8 | 10.3 |
| 132.5° | 5.2 | 5.2 | 2.6 | 2.6 | 2.6 | 2.6 | 5.2 | 5.2 | 5.2 | 5.2 | 10.3 |
| 135° | 5.2 | 5.2 | 2.6 | 2.6 | 2.6 | 2.6 | 5.2 | 5.2 | 5.2 | 5.2 | 7.8 |
| 137.5° | 5.2 | 5.2 | 2.6 | 2.6 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 |
| 140° | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 |
| 142.5° | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 |
| 145° | 7.8 | 7.8 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 |
| 147.5° | 7.8 | 7.8 | 7.8 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 7.8 |
| 150° | 7.8 | 7.8 | 7.8 | 5.2 | 5.2 | 2.6 | 5.2 | 5.2 | 5.2 | 5.2 | 7.8 |
| 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-PA16-740-U-T3-CL

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 |
| 2.5° | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 7.8 | 7.8 |
| 5° | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 7.8 |
| 7.5° | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 |
| 10° | 7.8 | 7.8 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 7.8 |
| 12.5° | 46.5 | 46.5 | 36.2 | 18.1 | 7.8 | 5.2 | 5.2 | 5.2 | 7.8 | 12.9 | 10.3 |
| 15° | 245.6 | 245.6 | 240.4 | 219.7 | 46.5 | 12.9 | 10.3 | 23.3 | 103.4 | 186.1 | 188.7 |
| 17.5° | 281.7 | 279.2 | 274.0 | 261.1 | 232.6 | 82.7 | 80.1 | 217.1 | 232.6 | 243.0 | 245.6 |
| 20° | 529.9 | 524.7 | 405.8 | 289.5 | 253.3 | 250.7 | 219.7 | 245.6 | 253.3 | 258.5 | 261.1 |
| 22.5° | 604.8 | 597.1 | 568.7 | 501.5 | 289.5 | 341.2 | 320.5 | 266.2 | 398.1 | 426.5 | 426.5 |
| 25° | 695.3 | 674.6 | 617.8 | 540.2 | 493.7 | 359.3 | 369.6 | 387.7 | 411.0 | 416.2 | 416.2 |
| 27.5° | 990.0 | 971.9 | 889.2 | 594.5 | 529.9 | 423.9 | 429.1 | 392.9 | 413.6 | 473.0 | 480.8 |
| 30° | 1036.5 | 1008.1 | 933.1 | 734.1 | 550.6 | 475.6 | 411.0 | 460.1 | 483.4 | 480.8 | 483.4 |
| 32.5° | 1380.3 | 1351.9 | 1199.4 | 754.8 | 591.9 | 447.2 | 449.8 | 460.1 | 475.6 | 501.5 | 519.5 |
| 35° | 1434.6 | 1403.6 | 1230.4 | 858.2 | 566.1 | 444.6 | 444.6 | 465.3 | 535.1 | 545.4 | 545.4 |
| 37.5° | 1494.0 | 1468.2 | 1217.4 | 801.3 | 571.2 | 444.6 | 431.7 | 475.6 | 504.0 | 501.5 | 501.5 |
| 40° | 1597.4 | 1556.1 | 1183.8 | 731.5 | 519.5 | 426.5 | 431.7 | 447.2 | 462.7 | 447.2 | 439.4 |
| 42.5° | 1718.9 | 1643.9 | 1139.9 | 659.1 | 478.2 | 403.2 | 408.4 | 413.6 | 413.6 | 385.1 | 382.6 |
| 45° | 1874.0 | 1734.4 | 1080.5 | 591.9 | 439.4 | 374.8 | 387.7 | 380.0 | 380.0 | 356.7 | 354.1 |
| 47.5° | 2049.8 | 1827.5 | 1008.1 | 532.5 | 405.8 | 349.0 | 367.0 | 359.3 | 364.5 | 343.8 | 341.2 |
| 50° | 2254.0 | 1949.0 | 938.3 | 488.5 | 377.4 | 336.0 | 346.4 | 356.7 | 364.5 | 338.6 | 336.0 |
| 52.5° | 2468.5 | 2067.9 | 889.2 | 439.4 | 351.5 | 320.5 | 354.1 | 356.7 | 361.9 | 336.0 | 336.0 |
| 55° | 2732.2 | 2215.2 | 829.7 | 403.2 | 333.4 | 307.6 | 372.2 | 372.2 | 364.5 | 341.2 | 338.6 |
| 57.5° | 3016.5 | 2362.5 | 718.6 | 369.6 | 317.9 | 299.8 | 380.0 | 392.9 | 374.8 | 346.4 | 346.4 |
| 60° | 3280.1 | 2509.9 | 591.9 | 343.8 | 302.4 | 297.3 | 385.1 | 403.2 | 387.7 | 361.9 | 361.9 |
| 62.5° | 3481.7 | 2582.2 | 496.3 | 323.1 | 284.3 | 289.5 | 382.6 | 423.9 | 418.7 | 405.8 | 405.8 |
| 65° | 3505.0 | 2517.6 | 416.2 | 305.0 | 268.8 | 286.9 | 377.4 | 444.6 | 447.2 | 467.9 | 470.4 |
| 67.5° | 3380.9 | 2310.8 | 354.1 | 289.5 | 255.9 | 279.2 | 380.0 | 488.5 | 501.5 | 540.2 | 535.1 |
| 70° | 3039.7 | 1974.8 | 307.6 | 271.4 | 245.6 | 281.7 | 426.5 | 542.8 | 540.2 | 589.3 | 594.5 |
| 72.5° | 2538.3 | 1563.8 | 279.2 | 261.1 | 250.7 | 302.4 | 480.8 | 558.3 | 548.0 | 602.3 | 597.1 |
| 75° | 1925.7 | 1103.7 | 255.9 | 248.1 | 243.0 | 307.6 | 493.7 | 542.8 | 522.1 | 558.3 | 553.2 |
| 77.5° | 1266.6 | 726.3 | 232.6 | 232.6 | 235.2 | 294.7 | 473.0 | 517.0 | 491.1 | 514.4 | 511.8 |
| 80° | 713.4 | 431.7 | 209.4 | 219.7 | 224.9 | 281.7 | 442.0 | 480.8 | 454.9 | 473.0 | 473.0 |
| 82.5° | 429.1 | 307.6 | 183.5 | 201.6 | 206.8 | 279.2 | 413.6 | 447.2 | 423.9 | 434.2 | 421.3 |
| 85° | 292.1 | 224.9 | 144.7 | 170.6 | 193.9 | 268.8 | 390.3 | 413.6 | 372.2 | 364.5 | 354.1 |
| 87.5° | 237.8 | 175.8 | 80.1 | 108.6 | 144.7 | 230.0 | 310.2 | 312.8 | 274.0 | 268.8 | 266.2 |
| 90° | 232.6 | 162.8 | 56.9 | 59.5 | 95.6 | 160.3 | 204.2 | 196.4 | 183.5 | 186.1 | 183.5 |
| 92.5° | 227.5 | 155.1 | 62.0 | 64.6 | 95.6 | 126.7 | 173.2 | 170.6 | 157.7 | 170.6 | 168.0 |
| 95° | 193.9 | 134.4 | 64.6 | 69.8 | 82.7 | 77.5 | 126.7 | 134.4 | 124.1 | 131.8 | 134.4 |
| 97.5° | 100.8 | 72.4 | 62.0 | 69.8 | 62.0 | 46.5 | 75.0 | 85.3 | 64.6 | 51.7 | 56.9 |
| 100° | 33.6 | 23.3 | 62.0 | 72.4 | 46.5 | 33.6 | 54.3 | 62.0 | 38.8 | 15.5 | 15.5 |
| 102.5° | 20.7 | 20.7 | 43.9 | 56.9 | 33.6 | 18.1 | 36.2 | 43.9 | 28.4 | 12.9 | 12.9 |
| 105° | 20.7 | 20.7 | 18.1 | 31.0 | 12.9 | 10.3 | 12.9 | 23.3 | 15.5 | 12.9 | 12.9 |
| 107.5° | 23.3 | 20.7 | 10.3 | 10.3 | 10.3 | 7.8 | 7.8 | 10.3 | 10.3 | 12.9 | 12.9 |
| 110° | 20.7 | 18.1 | 10.3 | 10.3 | 7.8 | 7.8 | 7.8 | 7.8 | 10.3 | 15.5 | 15.5 |

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CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 12.9 | 15.5 | 10.3 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 | 10.3 | 15.5 | 15.5 |
| 115° | 12.9 | 12.9 | 7.8 | 7.8 | 5.2 | 7.8 | 7.8 | 7.8 | 10.3 | 15.5 | 18.1 |
| 117.5° | 15.5 | 12.9 | 7.8 | 5.2 | 5.2 | 5.2 | 5.2 | 7.8 | 10.3 | 18.1 | 18.1 |
| 120° | 15.5 | 12.9 | 7.8 | 7.8 | 5.2 | 5.2 | 5.2 | 7.8 | 10.3 | 18.1 | 20.7 |
| 122.5° | 15.5 | 12.9 | 7.8 | 5.2 | 5.2 | 5.2 | 5.2 | 7.8 | 10.3 | 18.1 | 20.7 |
| 125° | 12.9 | 12.9 | 7.8 | 5.2 | 5.2 | 5.2 | 5.2 | 7.8 | 10.3 | 18.1 | 18.1 |
| 127.5° | 12.9 | 12.9 | 7.8 | 5.2 | 5.2 | 5.2 | 5.2 | 7.8 | 10.3 | 18.1 | 18.1 |
| 130° | 12.9 | 10.3 | 7.8 | 5.2 | 5.2 | 5.2 | 5.2 | 7.8 | 10.3 | 15.5 | 18.1 |
| 132.5° | 10.3 | 10.3 | 7.8 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 10.3 | 15.5 | 15.5 |
| 135° | 7.8 | 7.8 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 7.8 | 10.3 | 12.9 |
| 137.5° | 5.2 | 5.2 | 5.2 | 5.2 | 2.6 | 2.6 | 5.2 | 5.2 | 7.8 | 7.8 | 10.3 |
| 140° | 5.2 | 5.2 | 5.2 | 5.2 | 2.6 | 2.6 | 5.2 | 5.2 | 5.2 | 7.8 | 7.8 |
| 142.5° | 5.2 | 5.2 | 5.2 | 5.2 | 2.6 | 2.6 | 5.2 | 5.2 | 5.2 | 7.8 | 7.8 |
| 145° | 5.2 | 5.2 | 5.2 | 5.2 | 2.6 | 2.6 | 5.2 | 5.2 | 5.2 | 7.8 | 7.8 |
| 147.5° | 7.8 | 5.2 | 5.2 | 5.2 | 2.6 | 2.6 | 5.2 | 5.2 | 5.2 | 7.8 | 7.8 |
| 150° | 7.8 | 5.2 | 5.2 | 2.6 | 2.6 | 2.6 | 2.6 | 5.2 | 5.2 | 7.8 | 7.8 |
| 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)