

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: P695087

Luminaire Tested: **LXF.LXT-PA16-40-730-U-T4W-CL**

Issue Date: 7/5/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P695087  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2306-062-23)  
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-T4W-CL  
Description: DECORATIVE POST TOP LUMINAIRE  
(1) 70 CRI, 3000K, 740mA LIGHTSQUARE WITH 16 LEDS AND TYPE IV WIDE OPTICS  
AND CLEAR LENS PANELS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4297.1 lumens  
Efficiency: N/A  
Efficacy: 106.9 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

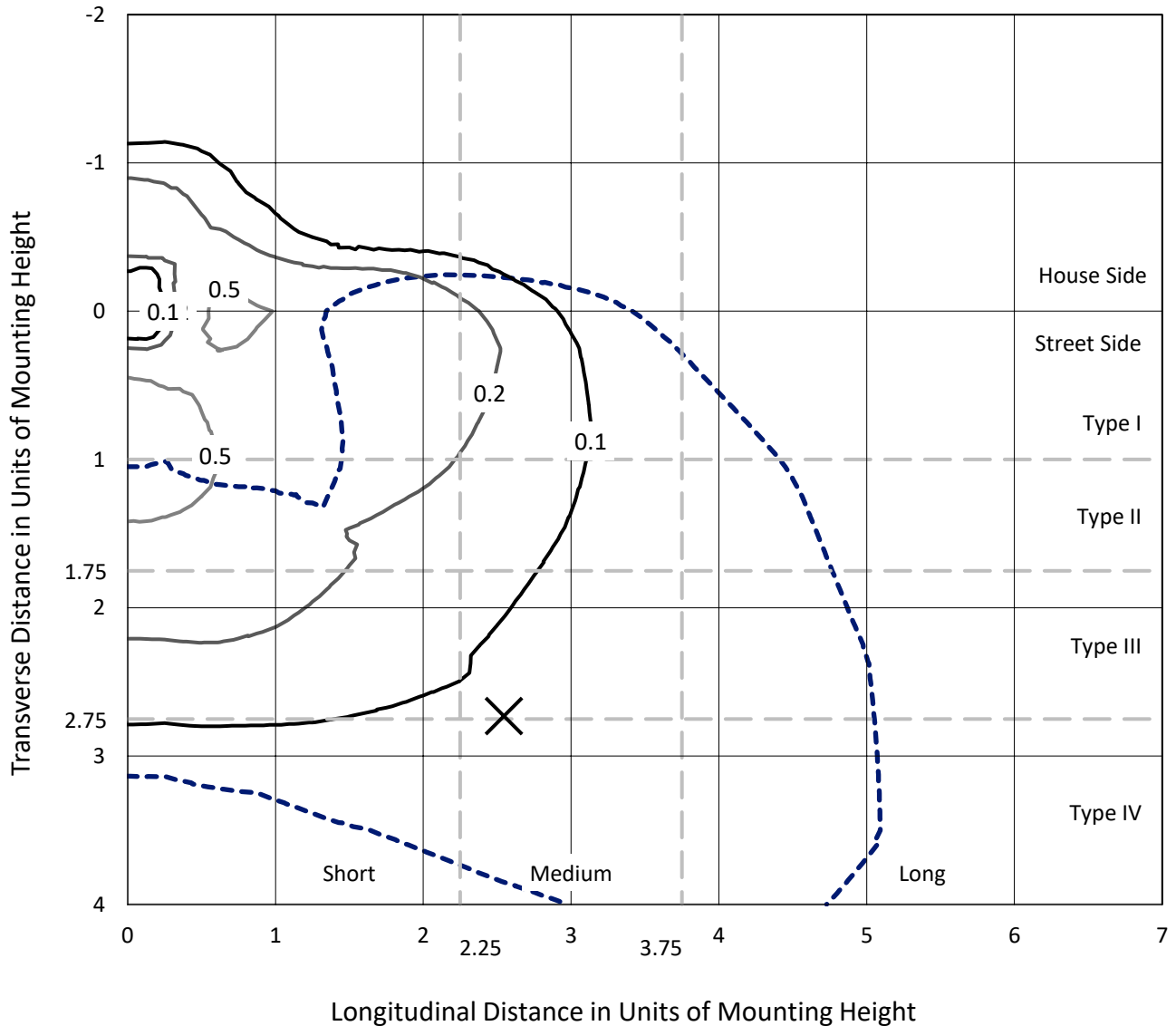
Input Watts (W): 40.2  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

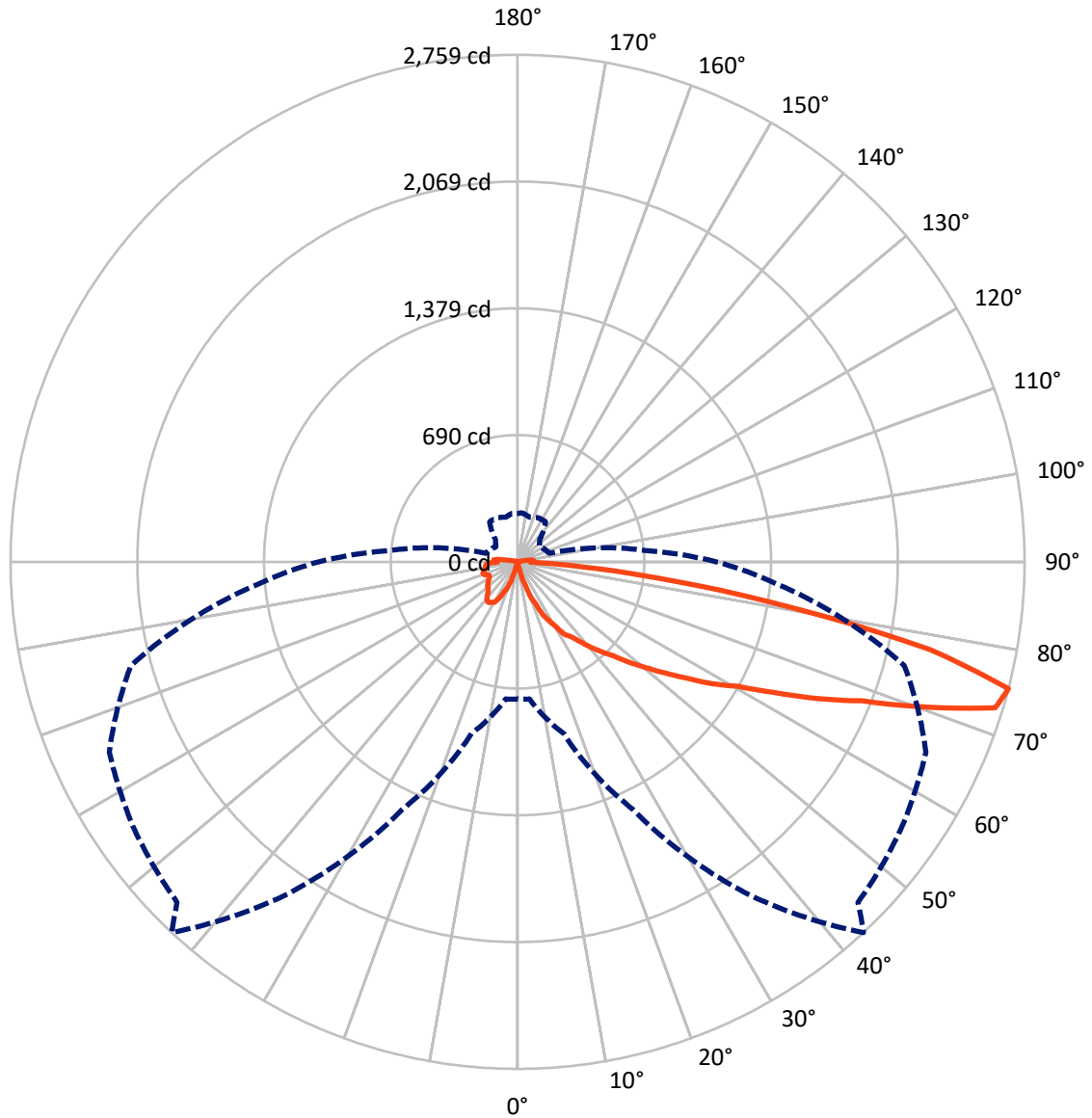
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.8 fc  
 Type IV - Medium - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 43-Deg Lateral      - - - Horizontal Cone Through 75-Deg Vertical

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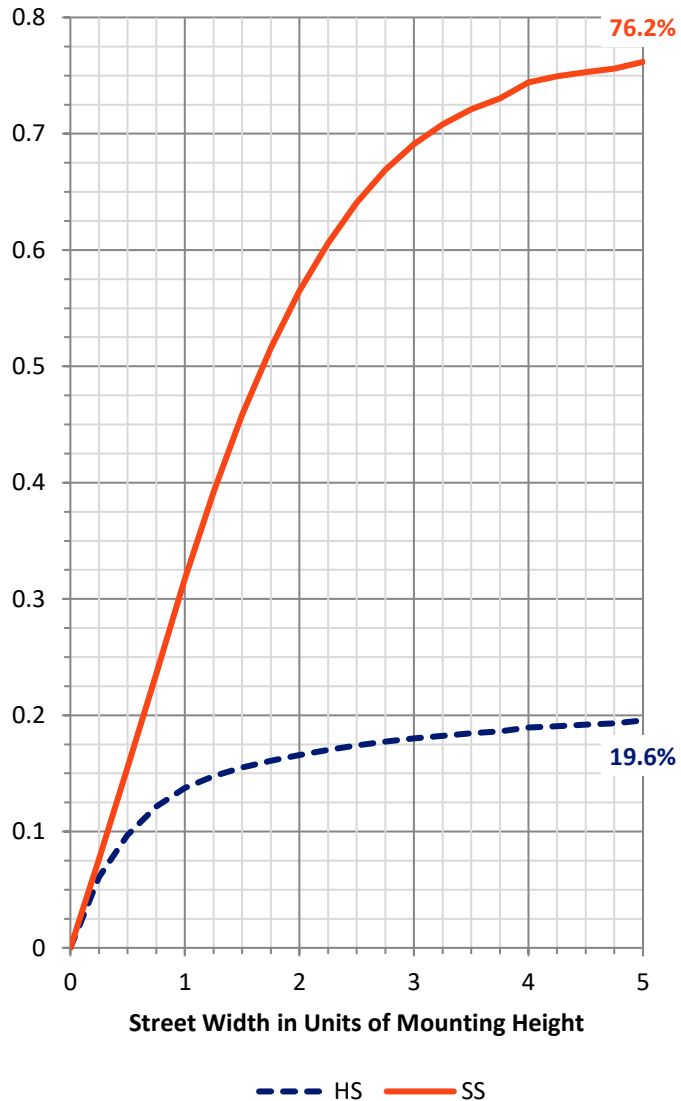
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 895.3    | 60.3   | 955.6  |
|                    | % Fixture | 20.8     | 1.4    | 22.2   |
| <b>Street Side</b> | Lumens    | 3297.7   | 43.8   | 3341.4 |
|                    | % Fixture | 76.7     | 1.0    | 77.8   |
| <b>Total</b>       | Lumens    | 4193.0   | 104.1  | 4297.1 |
|                    | % Fixture | 97.6     | 2.4    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 0.4    | 0.0       |
| 10°-20°   | 25.5   | 0.6       |
| 20°-30°   | 139.6  | 3.2       |
| 30°-40°   | 326.8  | 7.6       |
| 40°-50°   | 495.0  | 11.5      |
| 50°-60°   | 769.9  | 17.9      |
| 60°-70°   | 1159.7 | 27.0      |
| 70°-80°   | 1043.6 | 24.3      |
| 80°-90°   | 232.6  | 5.4       |
| 90°-100°  | 80.0   | 1.9       |
| 100°-110° | 13.1   | 0.3       |
| 110°-120° | 4.2    | 0.1       |
| 120°-130° | 3.1    | 0.1       |
| 130°-140° | 1.9    | 0.0       |
| 140°-150° | 1.5    | 0.0       |
| 150°-160° | 0.2    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 4193.0 | 97.6      |
| 0°-180°   | 4297.1 | 100.0     |

**Coefficient of Utilization**

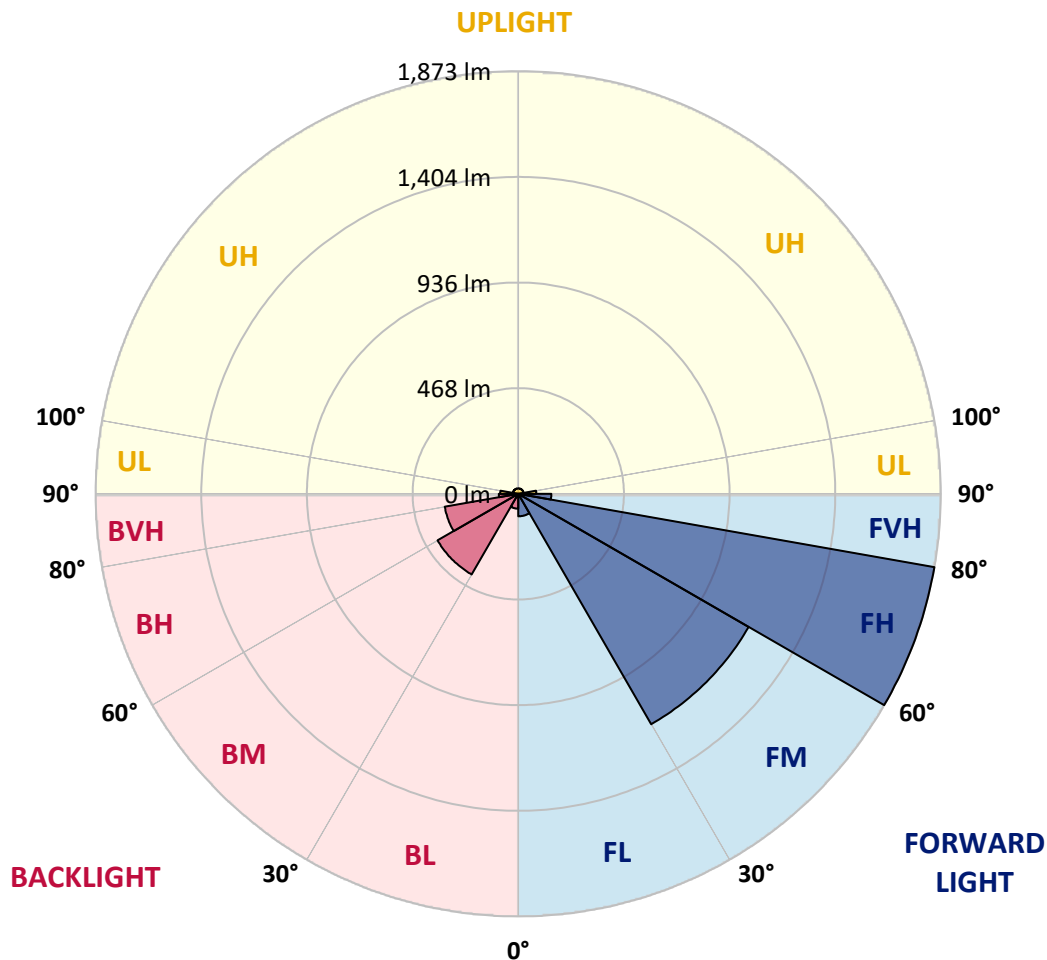


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |        |         |
|----------------|--------|-----------|-------------------------|--------|---------|
|                |        |           | B                       | U      | G       |
| FL (0°-30°)    | 99.6   | 2.3       |                         |        |         |
| FM (30°-60°)   | 1179.0 | 27.4      |                         |        |         |
| FH (60°-80°)   | 1872.6 | 43.6      |                         |        | G2/5000 |
| FVH (80°-90°)  | 146.5  | 3.4       |                         |        | G2/225  |
| BL (0°-30°)    | 65.9   | 1.5       | B0/110                  |        |         |
| BM (30°-60°)   | 412.6  | 9.6       | B1/1000                 |        |         |
| BH (60°-80°)   | 330.7  | 7.7       | B1/500                  |        | G1/500  |
| BVH (80°-90°)  | 86.1   | 2.0       |                         |        | G1/100  |
| UL (90°-100°)  | 80.0   | 1.9       |                         | U3/500 |         |
| UH (100°-180°) | 24.1   | 0.6       |                         | U2/50  |         |

**BUG Rating: B1-U3-G2**  
 Type IV Medium



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 43°    | 45°    | 55°    | 65°    | 75°    | 85°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 3.0    | 3.0    | 3.0    | 3.0    | 3.0    | 3.0    | 3.0    | 3.0    | 3.0    | 3.0    | 3.0    |
| 2.5°   | 3.0    | 3.0    | 1.5    | 3.0    | 3.0    | 3.0    | 3.0    | 3.0    | 3.0    | 3.0    | 3.0    |
| 5°     | 3.0    | 3.0    | 3.0    | 3.0    | 3.0    | 3.0    | 3.0    | 3.0    | 3.0    | 3.0    | 3.0    |
| 7.5°   | 4.5    | 4.5    | 3.0    | 3.0    | 4.5    | 3.0    | 3.0    | 3.0    | 3.0    | 3.0    | 3.0    |
| 10°    | 29.9   | 29.9   | 26.9   | 16.4   | 7.5    | 4.5    | 4.5    | 4.5    | 3.0    | 4.5    | 4.5    |
| 12.5°  | 123.9  | 123.9  | 114.9  | 107.5  | 32.8   | 19.4   | 13.4   | 7.5    | 13.4   | 19.4   | 25.4   |
| 15°    | 147.8  | 147.8  | 141.8  | 128.4  | 119.4  | 94.0   | 61.2   | 35.8   | 97.0   | 103.0  | 101.5  |
| 17.5°  | 268.7  | 231.4  | 183.6  | 159.7  | 134.3  | 122.4  | 137.3  | 112.0  | 122.4  | 125.4  | 123.9  |
| 20°    | 315.0  | 309.0  | 295.6  | 280.6  | 170.2  | 207.5  | 192.6  | 191.1  | 149.3  | 192.6  | 226.9  |
| 22.5°  | 340.3  | 340.3  | 317.9  | 298.5  | 303.0  | 238.8  | 225.4  | 216.4  | 249.3  | 271.7  | 270.2  |
| 25°    | 473.2  | 473.2  | 453.8  | 329.9  | 319.4  | 317.9  | 294.1  | 312.0  | 313.5  | 312.0  | 315.0  |
| 27.5°  | 501.5  | 497.1  | 479.2  | 438.9  | 355.3  | 362.7  | 368.7  | 347.8  | 386.6  | 452.3  | 447.8  |
| 30°    | 716.5  | 691.1  | 561.3  | 471.7  | 443.3  | 406.0  | 392.6  | 422.4  | 462.7  | 479.2  | 482.1  |
| 32.5°  | 831.4  | 822.5  | 762.8  | 628.4  | 491.1  | 473.2  | 447.8  | 471.7  | 480.6  | 589.6  | 634.4  |
| 35°    | 959.8  | 943.4  | 891.1  | 710.5  | 594.1  | 498.6  | 488.1  | 474.7  | 568.7  | 618.0  | 661.3  |
| 37.5°  | 1056.8 | 1055.3 | 1009.1 | 809.0  | 659.8  | 549.3  | 515.0  | 528.4  | 588.1  | 647.8  | 688.1  |
| 40°    | 1140.4 | 1134.4 | 1113.6 | 900.1  | 715.0  | 609.0  | 549.3  | 559.8  | 616.5  | 676.2  | 722.5  |
| 42.5°  | 1228.5 | 1224.0 | 1225.5 | 976.2  | 785.2  | 668.7  | 597.1  | 589.6  | 650.8  | 722.5  | 774.7  |
| 45°    | 1330.0 | 1327.0 | 1322.5 | 1089.7 | 864.3  | 729.9  | 658.3  | 637.4  | 719.5  | 780.7  | 843.4  |
| 47.5°  | 1373.3 | 1367.3 | 1398.7 | 1186.7 | 952.3  | 815.0  | 725.5  | 700.1  | 795.6  | 867.3  | 953.8  |
| 50°    | 1428.5 | 1422.5 | 1441.9 | 1285.2 | 1056.8 | 904.6  | 815.0  | 776.2  | 888.2  | 986.7  | 1098.6 |
| 52.5°  | 1533.0 | 1586.7 | 1510.6 | 1392.7 | 1201.6 | 1004.6 | 904.6  | 874.7  | 1012.0 | 1146.4 | 1336.0 |
| 55°    | 1658.4 | 1646.4 | 1606.1 | 1516.6 | 1334.5 | 1118.0 | 1003.1 | 986.7  | 1177.7 | 1347.9 | 1580.8 |
| 57.5°  | 1682.3 | 1668.8 | 1701.7 | 1643.5 | 1488.2 | 1252.4 | 1116.5 | 1124.0 | 1344.9 | 1558.4 | 1855.4 |
| 60°    | 1737.5 | 1728.5 | 1789.7 | 1821.1 | 1646.4 | 1376.3 | 1234.5 | 1306.1 | 1516.6 | 1773.3 | 2121.1 |
| 62.5°  | 1795.7 | 1806.2 | 1897.2 | 1943.5 | 1752.4 | 1564.3 | 1395.7 | 1513.6 | 1779.3 | 2006.2 | 2357.0 |
| 65°    | 1786.8 | 1801.7 | 1989.8 | 2013.6 | 1882.3 | 1792.7 | 1595.7 | 1749.4 | 2021.1 | 2246.5 | 2528.6 |
| 67.5°  | 1742.0 | 1756.9 | 2012.2 | 2109.2 | 2059.9 | 2019.6 | 1824.1 | 2004.7 | 2245.0 | 2409.2 | 2582.4 |
| 70°    | 1649.4 | 1650.9 | 1903.2 | 2185.3 | 2277.9 | 2368.9 | 2137.5 | 2255.5 | 2464.4 | 2551.0 | 2449.5 |
| 72.5°  | 1334.5 | 1344.9 | 1582.3 | 2036.0 | 2437.6 | 2716.7 | 2492.8 | 2489.8 | 2582.4 | 2509.2 | 2015.1 |
| 75°    | 746.3  | 749.3  | 967.3  | 1488.2 | 2219.6 | 2758.5 | 2619.7 | 2543.6 | 2451.0 | 2177.8 | 1424.0 |
| 77.5°  | 226.9  | 253.8  | 338.8  | 756.8  | 1553.9 | 2292.8 | 2255.5 | 2237.6 | 2049.5 | 1536.0 | 774.7  |
| 80°    | 114.9  | 119.4  | 152.3  | 261.2  | 803.1  | 1518.1 | 1550.9 | 1606.1 | 1277.7 | 662.8  | 359.7  |
| 82.5°  | 65.7   | 68.7   | 92.5   | 138.8  | 341.8  | 847.9  | 931.4  | 877.7  | 549.3  | 312.0  | 249.3  |
| 85°    | 32.8   | 32.8   | 43.3   | 64.2   | 159.7  | 335.9  | 389.6  | 315.0  | 237.3  | 206.0  | 201.5  |
| 87.5°  | 17.9   | 17.9   | 14.9   | 19.4   | 49.3   | 74.6   | 86.6   | 117.9  | 126.9  | 129.9  | 171.7  |
| 90°    | 19.4   | 19.4   | 14.9   | 16.4   | 35.8   | 67.2   | 95.5   | 114.9  | 117.9  | 123.9  | 174.6  |
| 92.5°  | 19.4   | 19.4   | 14.9   | 14.9   | 32.8   | 79.1   | 109.0  | 125.4  | 122.4  | 132.9  | 179.1  |
| 95°    | 19.4   | 17.9   | 13.4   | 14.9   | 28.4   | 85.1   | 103.0  | 132.9  | 117.9  | 119.4  | 149.3  |
| 97.5°  | 11.9   | 11.9   | 9.0    | 11.9   | 20.9   | 65.7   | 71.6   | 95.5   | 80.6   | 53.7   | 70.2   |
| 100°   | 9.0    | 9.0    | 6.0    | 9.0    | 11.9   | 31.3   | 29.9   | 46.3   | 35.8   | 11.9   | 17.9   |
| 102.5° | 9.0    | 10.4   | 6.0    | 6.0    | 7.5    | 9.0    | 10.4   | 14.9   | 14.9   | 9.0    | 11.9   |
| 105°   | 10.4   | 10.4   | 4.5    | 4.5    | 4.5    | 4.5    | 6.0    | 6.0    | 6.0    | 7.5    | 11.9   |
| 107.5° | 9.0    | 9.0    | 4.5    | 3.0    | 3.0    | 4.5    | 4.5    | 3.0    | 4.5    | 6.0    | 13.4   |
| 110°   | 6.0    | 6.0    | 3.0    | 3.0    | 3.0    | 3.0    | 3.0    | 3.0    | 4.5    | 6.0    | 10.4   |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°  | 5°  | 15° | 25° | 35° | 43° | 45° | 55° | 65° | 75° | 85° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 112.5° | 3.0 | 4.5 | 1.5 | 3.0 | 1.5 | 3.0 | 3.0 | 3.0 | 3.0 | 4.5 | 6.0 |
| 115°   | 4.5 | 3.0 | 1.5 | 1.5 | 1.5 | 3.0 | 3.0 | 3.0 | 3.0 | 4.5 | 6.0 |
| 117.5° | 4.5 | 3.0 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 3.0 | 4.5 | 7.5 |
| 120°   | 4.5 | 4.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 3.0 | 4.5 | 6.0 |
| 122.5° | 4.5 | 4.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 3.0 | 4.5 | 6.0 |
| 125°   | 4.5 | 3.0 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 4.5 | 6.0 |
| 127.5° | 4.5 | 3.0 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 3.0 | 4.5 | 6.0 |
| 130°   | 3.0 | 3.0 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 3.0 | 6.0 |
| 132.5° | 3.0 | 3.0 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 3.0 | 4.5 |
| 135°   | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 3.0 | 3.0 |
| 137.5° | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 3.0 | 3.0 |
| 140°   | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 3.0 | 3.0 | 3.0 |
| 142.5° | 3.0 | 3.0 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 3.0 | 3.0 | 3.0 |
| 145°   | 3.0 | 3.0 | 3.0 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 3.0 | 3.0 | 3.0 |
| 147.5° | 3.0 | 3.0 | 3.0 | 3.0 | 1.5 | 1.5 | 1.5 | 1.5 | 3.0 | 3.0 | 3.0 |
| 150°   | 3.0 | 3.0 | 3.0 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 3.0 | 3.0 | 3.0 |
| 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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**CANDELA DISTRIBUTION (continued):**

|        | 90°    | 95°    | 105°  | 115°  | 125°  | 135°  | 145°  | 155°  | 165°  | 175°  | 180°  |
|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 3.0    | 3.0    | 3.0   | 3.0   | 3.0   | 3.0   | 3.0   | 3.0   | 3.0   | 3.0   | 3.0   |
| 2.5°   | 3.0    | 3.0    | 3.0   | 1.5   | 1.5   | 1.5   | 3.0   | 3.0   | 3.0   | 3.0   | 3.0   |
| 5°     | 3.0    | 3.0    | 3.0   | 3.0   | 1.5   | 3.0   | 3.0   | 3.0   | 3.0   | 3.0   | 3.0   |
| 7.5°   | 3.0    | 3.0    | 3.0   | 3.0   | 1.5   | 1.5   | 3.0   | 3.0   | 3.0   | 3.0   | 3.0   |
| 10°    | 4.5    | 4.5    | 3.0   | 3.0   | 3.0   | 1.5   | 3.0   | 3.0   | 3.0   | 3.0   | 3.0   |
| 12.5°  | 26.9   | 25.4   | 17.9  | 10.4  | 4.5   | 3.0   | 3.0   | 3.0   | 4.5   | 6.0   | 6.0   |
| 15°    | 103.0  | 100.0  | 97.0  | 88.1  | 25.4  | 6.0   | 4.5   | 13.4  | 52.2  | 73.1  | 85.1  |
| 17.5°  | 120.9  | 119.4  | 116.4 | 110.5 | 101.5 | 34.3  | 44.8  | 95.5  | 113.4 | 116.4 | 119.4 |
| 20°    | 222.4  | 217.9  | 168.7 | 126.9 | 116.4 | 122.4 | 107.5 | 119.4 | 125.4 | 129.9 | 134.3 |
| 22.5°  | 264.2  | 259.7  | 246.3 | 225.4 | 138.8 | 161.2 | 155.2 | 137.3 | 209.0 | 225.4 | 228.4 |
| 25°    | 309.0  | 301.5  | 273.2 | 250.8 | 231.4 | 179.1 | 192.6 | 217.9 | 235.8 | 247.8 | 247.8 |
| 27.5°  | 440.3  | 425.4  | 389.6 | 276.1 | 256.7 | 219.4 | 235.8 | 231.4 | 261.2 | 320.9 | 325.4 |
| 30°    | 476.2  | 459.8  | 409.0 | 341.8 | 273.2 | 253.8 | 243.3 | 298.5 | 337.3 | 350.8 | 355.3 |
| 32.5°  | 634.4  | 619.5  | 529.9 | 352.3 | 300.0 | 253.8 | 282.1 | 310.5 | 337.3 | 400.0 | 406.0 |
| 35°    | 665.7  | 641.9  | 549.3 | 406.0 | 298.5 | 265.7 | 283.6 | 316.5 | 391.1 | 419.4 | 425.4 |
| 37.5°  | 697.1  | 673.2  | 547.8 | 389.6 | 317.9 | 270.2 | 277.6 | 323.9 | 364.2 | 383.6 | 388.1 |
| 40°    | 740.4  | 704.6  | 537.4 | 362.7 | 303.0 | 259.7 | 274.7 | 304.5 | 328.4 | 334.4 | 338.8 |
| 42.5°  | 797.1  | 747.8  | 525.4 | 335.9 | 280.6 | 243.3 | 256.7 | 279.1 | 294.1 | 285.1 | 285.1 |
| 45°    | 876.2  | 800.1  | 503.0 | 309.0 | 259.7 | 225.4 | 241.8 | 258.2 | 265.7 | 249.3 | 244.8 |
| 47.5°  | 974.7  | 862.8  | 479.2 | 283.6 | 246.3 | 214.9 | 232.9 | 246.3 | 246.3 | 223.9 | 220.9 |
| 50°    | 1094.1 | 940.4  | 447.8 | 262.7 | 231.4 | 209.0 | 223.9 | 235.8 | 228.4 | 206.0 | 204.5 |
| 52.5°  | 1276.3 | 1058.3 | 418.0 | 244.8 | 217.9 | 203.0 | 222.4 | 220.9 | 210.5 | 191.1 | 189.6 |
| 55°    | 1501.7 | 1212.1 | 391.1 | 231.4 | 209.0 | 192.6 | 217.9 | 212.0 | 200.0 | 182.1 | 182.1 |
| 57.5°  | 1725.6 | 1380.7 | 362.7 | 222.4 | 198.5 | 183.6 | 210.5 | 207.5 | 194.1 | 176.1 | 174.6 |
| 60°    | 1945.0 | 1536.0 | 320.9 | 214.9 | 185.1 | 174.6 | 201.5 | 209.0 | 191.1 | 173.2 | 173.2 |
| 62.5°  | 2122.6 | 1610.6 | 274.7 | 203.0 | 171.7 | 168.7 | 197.0 | 214.9 | 206.0 | 198.5 | 198.5 |
| 65°    | 2180.8 | 1565.8 | 238.8 | 194.1 | 162.7 | 164.2 | 198.5 | 237.3 | 240.3 | 249.3 | 250.8 |
| 67.5°  | 2140.5 | 1439.0 | 214.9 | 186.6 | 156.7 | 171.7 | 226.9 | 267.2 | 259.7 | 265.7 | 268.7 |
| 70°    | 1965.9 | 1252.4 | 201.5 | 177.6 | 156.7 | 183.6 | 249.3 | 267.2 | 256.7 | 274.7 | 276.1 |
| 72.5°  | 1595.7 | 1013.5 | 189.6 | 170.2 | 150.8 | 182.1 | 262.7 | 264.2 | 256.7 | 277.6 | 274.7 |
| 75°    | 1082.2 | 698.6  | 179.1 | 161.2 | 143.3 | 168.7 | 265.7 | 264.2 | 250.8 | 267.2 | 262.7 |
| 77.5°  | 546.3  | 355.3  | 165.7 | 150.8 | 132.9 | 161.2 | 262.7 | 265.7 | 247.8 | 261.2 | 256.7 |
| 80°    | 277.6  | 228.4  | 147.8 | 138.8 | 120.9 | 158.2 | 256.7 | 262.7 | 237.3 | 249.3 | 247.8 |
| 82.5°  | 213.5  | 179.1  | 123.9 | 120.9 | 110.5 | 155.2 | 247.8 | 253.8 | 225.4 | 234.4 | 228.4 |
| 85°    | 174.6  | 141.8  | 91.1  | 94.0  | 100.0 | 156.7 | 246.3 | 250.8 | 217.9 | 213.5 | 210.5 |
| 87.5°  | 147.8  | 109.0  | 44.8  | 47.8  | 73.1  | 140.3 | 210.5 | 207.5 | 170.2 | 168.7 | 171.7 |
| 90°    | 147.8  | 100.0  | 29.9  | 29.9  | 59.7  | 100.0 | 138.8 | 125.4 | 117.9 | 125.4 | 123.9 |
| 92.5°  | 146.3  | 91.1   | 31.3  | 31.3  | 67.2  | 110.5 | 156.7 | 129.9 | 120.9 | 123.9 | 122.4 |
| 95°    | 120.9  | 74.6   | 35.8  | 34.3  | 58.2  | 122.4 | 162.7 | 132.9 | 123.9 | 119.4 | 119.4 |
| 97.5°  | 61.2   | 41.8   | 34.3  | 34.3  | 46.3  | 100.0 | 129.9 | 104.5 | 79.1  | 65.7  | 70.2  |
| 100°   | 14.9   | 16.4   | 32.8  | 32.8  | 28.4  | 50.8  | 71.6  | 64.2  | 32.8  | 16.4  | 14.9  |
| 102.5° | 11.9   | 10.4   | 25.4  | 28.4  | 17.9  | 17.9  | 32.8  | 37.3  | 25.4  | 7.5   | 7.5   |
| 105°   | 11.9   | 10.4   | 11.9  | 14.9  | 9.0   | 7.5   | 11.9  | 20.9  | 11.9  | 7.5   | 7.5   |
| 107.5° | 13.4   | 11.9   | 6.0   | 6.0   | 6.0   | 6.0   | 6.0   | 7.5   | 6.0   | 7.5   | 7.5   |
| 110°   | 11.9   | 10.4   | 6.0   | 6.0   | 4.5   | 6.0   | 4.5   | 6.0   | 6.0   | 7.5   | 7.5   |

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 CATALOG NUMBER: LXF.LXT-PA16-40-730-U-T4W-CL

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)