

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: P695766

Luminaire Tested: **LXF.LXT-PA16-60-827-U-T2U-A**

Issue Date: 7/5/2023

Test Information

Test Method: LM-79-08
Report Number: P695766
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2306-062-12)
Test Lab: INNOVATION CENTER
Issue Date: 7/5/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: LXF.LXT-PA16-60-827-U-T2U-A
Description: DECORATIVE POST TOP LUMINAIRE
(1) 80 CRI, 2700K, 1160mA LIGHTSQUARE WITH 16 LEDS AND TYPE II U OPTICS
AND REFRACTOR PANELS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4989 lumens
Efficiency: N/A
Efficacy: 80.5 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 1.17' x L: 1.17' x H: 0.83')
IES Classification: Type II - Short
BUG Rating: B2 - U3 - G2

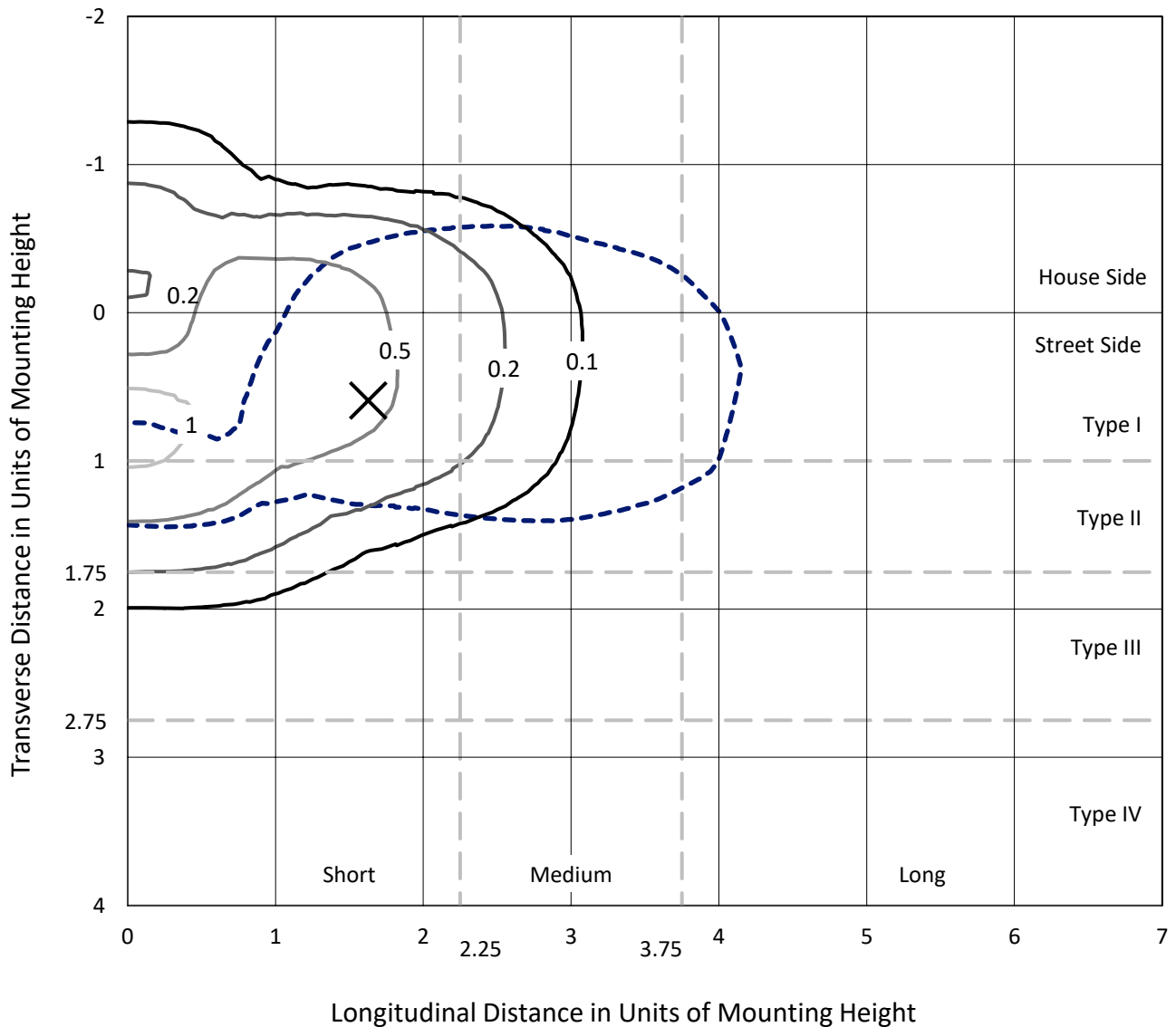
Input Watts (W): 62
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P695766
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Iso-Footcandle Lines of Horizontal Illumination

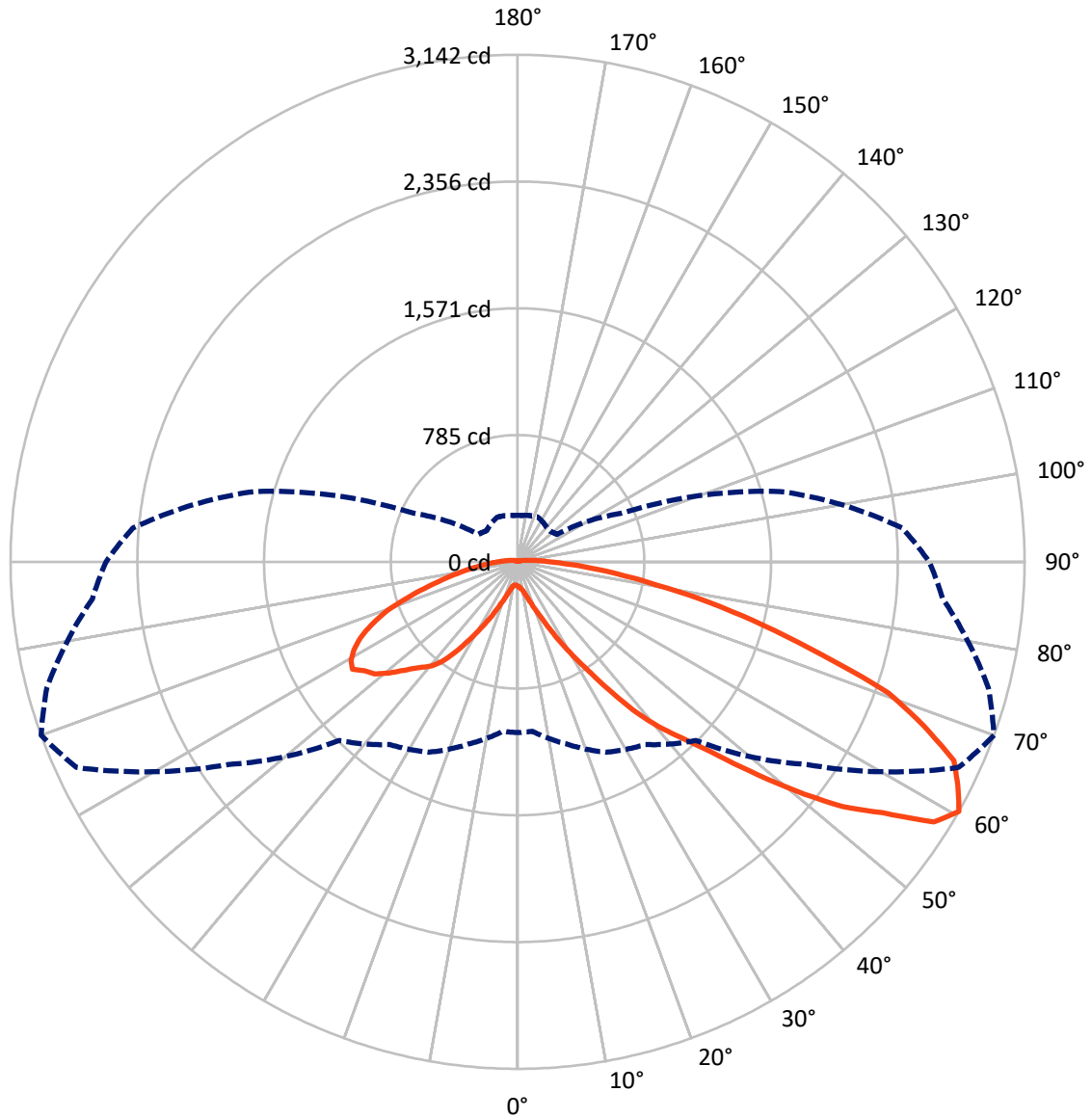
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.3 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 70-Deg Lateral - - - Horizontal Cone Through 60-Deg Vertical

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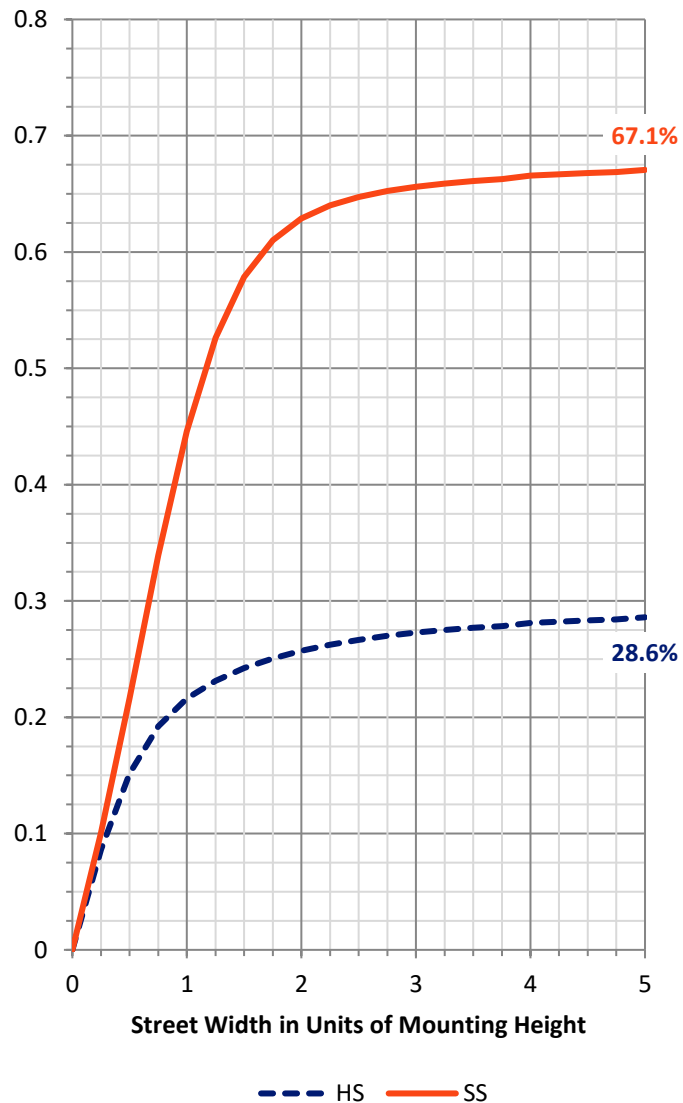
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1468.8 | 74.1 | 1543.0 |
| | % Fixture | 29.4 | 1.5 | 30.9 |
| Street Side | Lumens | 3382.9 | 63.2 | 3446.1 |
| | % Fixture | 67.8 | 1.3 | 69.1 |
| Total | Lumens | 4851.7 | 137.3 | 4989.0 |
| | % Fixture | 97.2 | 2.8 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 15.0 | 0.3 |
| 10°-20° | 63.6 | 1.3 |
| 20°-30° | 201.6 | 4.0 |
| 30°-40° | 496.2 | 9.9 |
| 40°-50° | 858.6 | 17.2 |
| 50°-60° | 1208.4 | 24.2 |
| 60°-70° | 1123.6 | 22.5 |
| 70°-80° | 640.8 | 12.8 |
| 80°-90° | 243.8 | 4.9 |
| 90°-100° | 72.7 | 1.5 |
| 100°-110° | 29.6 | 0.6 |
| 110°-120° | 15.8 | 0.3 |
| 120°-130° | 9.9 | 0.2 |
| 130°-140° | 6.4 | 0.1 |
| 140°-150° | 2.8 | 0.1 |
| 150°-160° | 0.2 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-90° | 4851.7 | 97.2 |
| 0°-180° | 4989.0 | 100.0 |

Coefficient of Utilization

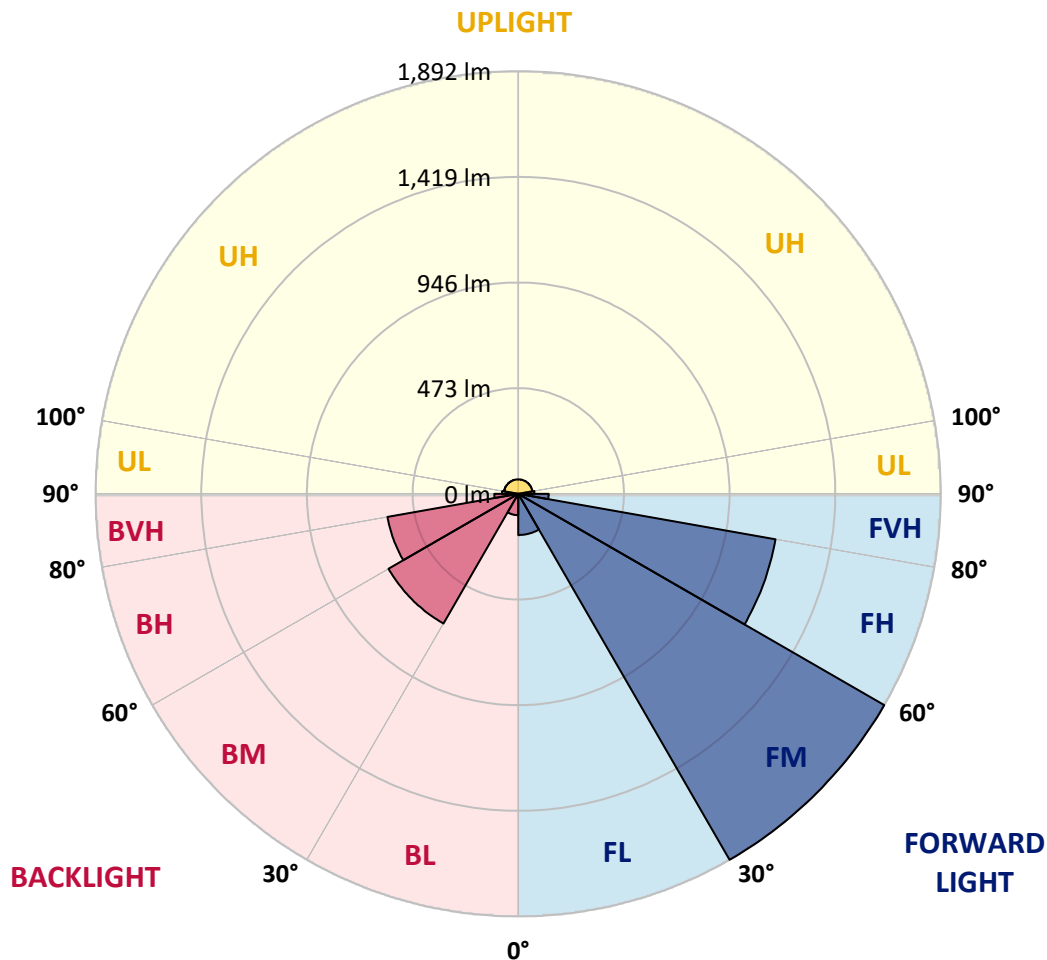


REPORT NUMBER: P695766
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|--------|---------|
| | | | B | U | G |
| FL (0°-30°) | 184.6 | 3.7 | | | |
| FM (30°-60°) | 1892.4 | 37.9 | | | |
| FH (60°-80°) | 1169.7 | 23.4 | | | G1/1800 |
| FVH (80°-90°) | 136.2 | 2.7 | | | G2/225 |
| BL (0°-30°) | 95.7 | 1.9 | B0/110 | | |
| BM (30°-60°) | 670.8 | 13.4 | B1/1000 | | |
| BH (60°-80°) | 594.7 | 11.9 | B2/1000 | | G2/1000 |
| BVH (80°-90°) | 107.6 | 2.2 | | | G2/225 |
| UL (90°-100°) | 72.7 | 1.5 | | U3/500 | |
| UH (100°-180°) | 64.6 | 1.3 | | U3/500 | |

BUG Rating: B2-U3-G2
 Type II Short



REPORT NUMBER: P695766

CATALOG NUMBER: LXF.LXT-PA16-60-827-U-T2U-A

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 70° | 75° | 85° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 150.9 | 150.9 | 150.9 | 150.9 | 150.9 | 150.9 | 150.9 | 150.9 | 150.9 | 150.9 | 150.9 |
| 2.5° | 161.4 | 159.6 | 159.6 | 159.6 | 159.6 | 157.9 | 156.1 | 154.4 | 154.4 | 152.6 | 150.9 |
| 5° | 175.4 | 175.4 | 175.4 | 173.7 | 171.9 | 170.1 | 166.6 | 163.1 | 161.4 | 157.9 | 154.4 |
| 7.5° | 198.2 | 194.7 | 194.7 | 193.0 | 187.7 | 184.2 | 178.9 | 171.9 | 170.1 | 166.6 | 161.4 |
| 10° | 226.3 | 224.5 | 222.8 | 217.5 | 208.7 | 201.7 | 196.5 | 187.7 | 182.4 | 178.9 | 171.9 |
| 12.5° | 270.1 | 270.1 | 264.9 | 254.3 | 242.1 | 229.8 | 219.3 | 208.7 | 203.5 | 198.2 | 191.2 |
| 15° | 324.5 | 322.8 | 321.0 | 303.5 | 284.2 | 266.6 | 249.1 | 236.8 | 231.5 | 228.0 | 215.8 |
| 17.5° | 396.4 | 398.2 | 387.7 | 359.6 | 331.5 | 312.2 | 291.2 | 275.4 | 268.4 | 263.1 | 252.6 |
| 20° | 489.4 | 487.6 | 471.9 | 431.5 | 399.9 | 368.4 | 345.6 | 321.0 | 315.7 | 310.5 | 298.2 |
| 22.5° | 610.4 | 606.9 | 575.4 | 526.2 | 478.9 | 435.0 | 405.2 | 387.7 | 377.1 | 370.1 | 359.6 |
| 25° | 735.0 | 749.0 | 705.2 | 645.5 | 577.1 | 510.4 | 478.9 | 468.4 | 457.8 | 452.6 | 438.5 |
| 27.5° | 931.4 | 933.2 | 870.0 | 773.6 | 682.4 | 613.9 | 573.6 | 556.1 | 556.1 | 549.0 | 531.5 |
| 30° | 1140.2 | 1138.4 | 1061.2 | 938.5 | 813.9 | 719.2 | 677.1 | 666.6 | 670.1 | 661.3 | 636.7 |
| 32.5° | 1324.4 | 1320.9 | 1234.9 | 1113.9 | 949.0 | 833.2 | 792.9 | 796.4 | 799.9 | 806.9 | 787.6 |
| 35° | 1524.3 | 1522.6 | 1420.8 | 1271.7 | 1092.8 | 963.0 | 934.9 | 968.3 | 970.0 | 980.6 | 936.7 |
| 37.5° | 1596.3 | 1606.8 | 1543.6 | 1410.3 | 1220.9 | 1096.3 | 1098.1 | 1134.9 | 1166.5 | 1170.0 | 1108.6 |
| 40° | 1650.6 | 1655.9 | 1598.0 | 1491.0 | 1336.6 | 1234.9 | 1278.8 | 1338.4 | 1340.2 | 1310.3 | 1210.3 |
| 42.5° | 1775.2 | 1780.4 | 1699.7 | 1564.7 | 1420.8 | 1375.2 | 1438.4 | 1501.5 | 1489.3 | 1462.9 | 1338.4 |
| 45° | 1855.9 | 1862.9 | 1810.3 | 1680.4 | 1505.0 | 1478.7 | 1594.5 | 1678.7 | 1676.9 | 1659.4 | 1487.5 |
| 47.5° | 1938.3 | 1948.8 | 1894.5 | 1771.7 | 1601.5 | 1575.2 | 1766.4 | 1940.1 | 1938.3 | 1889.2 | 1685.7 |
| 50° | 1913.7 | 1922.5 | 1926.0 | 1845.3 | 1669.9 | 1675.2 | 1947.1 | 2213.7 | 2227.7 | 2164.6 | 1927.8 |
| 52.5° | 1764.6 | 1778.7 | 1829.6 | 1840.1 | 1719.0 | 1743.6 | 2122.5 | 2503.1 | 2520.7 | 2415.4 | 2115.5 |
| 55° | 1571.7 | 1589.2 | 1655.9 | 1729.6 | 1689.2 | 1761.1 | 2268.1 | 2732.9 | 2743.4 | 2657.5 | 2355.8 |
| 57.5° | 1313.8 | 1350.7 | 1436.6 | 1541.9 | 1566.4 | 1719.0 | 2269.8 | 2922.4 | 3041.6 | 2975.0 | 2617.2 |
| 60° | 1057.7 | 1054.2 | 1168.2 | 1301.6 | 1382.2 | 1564.7 | 2189.1 | 3015.3 | 3141.6 | 3020.6 | 2645.2 |
| 62.5° | 759.5 | 771.8 | 894.6 | 1049.0 | 1149.0 | 1324.4 | 2001.5 | 2832.9 | 3062.7 | 3059.2 | 2792.6 |
| 65° | 542.0 | 554.3 | 643.8 | 791.1 | 906.9 | 1098.1 | 1698.0 | 2654.0 | 2969.7 | 2997.8 | 2778.5 |
| 67.5° | 385.9 | 391.2 | 459.6 | 575.4 | 677.1 | 838.5 | 1391.0 | 2399.6 | 2715.4 | 2799.6 | 2697.8 |
| 70° | 289.4 | 294.7 | 336.8 | 422.7 | 494.7 | 612.2 | 1110.4 | 2034.8 | 2438.2 | 2561.0 | 2490.9 |
| 72.5° | 222.8 | 229.8 | 257.9 | 322.8 | 364.9 | 436.8 | 829.7 | 1659.4 | 1971.6 | 2092.7 | 2062.8 |
| 75° | 175.4 | 178.9 | 200.0 | 243.8 | 270.1 | 307.0 | 587.6 | 1277.0 | 1569.9 | 1743.6 | 1743.6 |
| 77.5° | 140.3 | 145.6 | 159.6 | 191.2 | 214.0 | 228.0 | 403.4 | 917.4 | 1217.4 | 1392.8 | 1433.1 |
| 80° | 112.3 | 115.8 | 128.1 | 150.9 | 166.6 | 175.4 | 271.9 | 636.7 | 873.6 | 1082.3 | 1199.8 |
| 82.5° | 89.5 | 89.5 | 101.7 | 119.3 | 135.1 | 145.6 | 200.0 | 450.8 | 624.5 | 782.3 | 912.1 |
| 85° | 71.9 | 73.7 | 80.7 | 93.0 | 108.8 | 122.8 | 154.4 | 308.7 | 426.3 | 524.5 | 631.5 |
| 87.5° | 56.1 | 56.1 | 63.1 | 71.9 | 87.7 | 103.5 | 126.3 | 208.7 | 280.7 | 361.3 | 424.5 |
| 90° | 40.3 | 42.1 | 45.6 | 52.6 | 68.4 | 84.2 | 100.0 | 145.6 | 185.9 | 226.3 | 268.4 |
| 92.5° | 29.8 | 29.8 | 31.6 | 36.8 | 49.1 | 66.7 | 80.7 | 105.2 | 128.1 | 147.3 | 166.6 |
| 95° | 22.8 | 22.8 | 24.6 | 26.3 | 35.1 | 50.9 | 61.4 | 77.2 | 89.5 | 103.5 | 112.3 |
| 97.5° | 19.3 | 19.3 | 19.3 | 21.0 | 28.1 | 38.6 | 47.4 | 57.9 | 66.7 | 75.4 | 84.2 |
| 100° | 17.5 | 17.5 | 17.5 | 17.5 | 22.8 | 33.3 | 36.8 | 45.6 | 50.9 | 57.9 | 63.1 |
| 102.5° | 15.8 | 15.8 | 15.8 | 15.8 | 21.0 | 28.1 | 31.6 | 35.1 | 40.3 | 43.9 | 49.1 |
| 105° | 14.0 | 14.0 | 14.0 | 14.0 | 17.5 | 22.8 | 26.3 | 29.8 | 31.6 | 33.3 | 36.8 |
| 107.5° | 12.3 | 12.3 | 12.3 | 12.3 | 15.8 | 21.0 | 22.8 | 22.8 | 24.6 | 26.3 | 29.8 |
| 110° | 10.5 | 10.5 | 10.5 | 12.3 | 14.0 | 17.5 | 19.3 | 19.3 | 19.3 | 21.0 | 24.6 |

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CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 70° | 75° | 85° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 10.5 | 10.5 | 10.5 | 10.5 | 12.3 | 15.8 | 15.8 | 15.8 | 17.5 | 17.5 | 21.0 |
| 115° | 8.8 | 8.8 | 8.8 | 10.5 | 12.3 | 14.0 | 14.0 | 14.0 | 14.0 | 15.8 | 17.5 |
| 117.5° | 8.8 | 8.8 | 8.8 | 8.8 | 12.3 | 14.0 | 14.0 | 12.3 | 12.3 | 14.0 | 15.8 |
| 120° | 8.8 | 8.8 | 8.8 | 8.8 | 10.5 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 14.0 |
| 122.5° | 8.8 | 8.8 | 8.8 | 8.8 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 12.3 |
| 125° | 8.8 | 8.8 | 8.8 | 8.8 | 10.5 | 10.5 | 10.5 | 8.8 | 8.8 | 10.5 | 12.3 |
| 127.5° | 10.5 | 10.5 | 8.8 | 8.8 | 8.8 | 10.5 | 8.8 | 8.8 | 8.8 | 8.8 | 10.5 |
| 130° | 10.5 | 10.5 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 10.5 |
| 132.5° | 10.5 | 10.5 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 7.0 | 7.0 | 8.8 | 10.5 |
| 135° | 8.8 | 10.5 | 8.8 | 8.8 | 8.8 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 8.8 |
| 137.5° | 8.8 | 8.8 | 8.8 | 7.0 | 7.0 | 7.0 | 5.3 | 5.3 | 5.3 | 7.0 | 7.0 |
| 140° | 8.8 | 8.8 | 7.0 | 7.0 | 7.0 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 7.0 |
| 142.5° | 7.0 | 7.0 | 7.0 | 5.3 | 5.3 | 5.3 | 3.5 | 3.5 | 3.5 | 3.5 | 5.3 |
| 145° | 7.0 | 7.0 | 5.3 | 5.3 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 |
| 147.5° | 5.3 | 5.3 | 5.3 | 3.5 | 3.5 | 3.5 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 150° | 5.3 | 3.5 | 3.5 | 3.5 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 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-PA16-60-827-U-T2U-A

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 150.9 | 150.9 | 150.9 | 150.9 | 150.9 | 150.9 | 150.9 | 150.9 | 150.9 | 150.9 | 150.9 |
| 2.5° | 150.9 | 149.1 | 147.3 | 147.3 | 145.6 | 143.8 | 142.1 | 142.1 | 142.1 | 142.1 | 142.1 |
| 5° | 152.6 | 150.9 | 147.3 | 143.8 | 140.3 | 136.8 | 135.1 | 131.6 | 131.6 | 131.6 | 129.8 |
| 7.5° | 157.9 | 154.4 | 149.1 | 142.1 | 136.8 | 131.6 | 126.3 | 124.5 | 122.8 | 121.0 | 121.0 |
| 10° | 166.6 | 163.1 | 154.4 | 145.6 | 136.8 | 129.8 | 122.8 | 117.5 | 114.0 | 114.0 | 114.0 |
| 12.5° | 184.2 | 178.9 | 166.6 | 152.6 | 140.3 | 129.8 | 121.0 | 115.8 | 114.0 | 114.0 | 115.8 |
| 15° | 212.2 | 205.2 | 187.7 | 170.1 | 150.9 | 135.1 | 128.1 | 128.1 | 129.8 | 131.6 | 131.6 |
| 17.5° | 245.6 | 236.8 | 217.5 | 193.0 | 170.1 | 154.4 | 147.3 | 149.1 | 152.6 | 154.4 | 154.4 |
| 20° | 292.9 | 277.2 | 257.9 | 224.5 | 194.7 | 180.7 | 171.9 | 170.1 | 178.9 | 182.4 | 182.4 |
| 22.5° | 347.3 | 338.5 | 307.0 | 264.9 | 229.8 | 208.7 | 196.5 | 193.0 | 201.7 | 205.2 | 205.2 |
| 25° | 428.0 | 410.5 | 373.6 | 317.5 | 271.9 | 236.8 | 219.3 | 215.8 | 228.0 | 235.1 | 235.1 |
| 27.5° | 521.0 | 494.7 | 449.1 | 377.1 | 314.0 | 263.1 | 240.3 | 240.3 | 252.6 | 263.1 | 264.9 |
| 30° | 617.5 | 587.6 | 533.3 | 443.8 | 356.1 | 284.2 | 256.1 | 257.9 | 270.1 | 285.9 | 282.4 |
| 32.5° | 757.8 | 715.7 | 635.0 | 519.2 | 394.7 | 301.7 | 264.9 | 271.9 | 291.2 | 312.2 | 308.7 |
| 35° | 894.6 | 850.7 | 754.3 | 603.4 | 428.0 | 310.5 | 270.1 | 285.9 | 307.0 | 322.8 | 322.8 |
| 37.5° | 1040.2 | 985.8 | 863.0 | 677.1 | 463.1 | 315.7 | 273.6 | 289.4 | 310.5 | 321.0 | 321.0 |
| 40° | 1136.7 | 1082.3 | 942.0 | 729.7 | 477.1 | 314.0 | 271.9 | 287.7 | 301.7 | 305.2 | 301.7 |
| 42.5° | 1257.7 | 1177.0 | 1003.4 | 754.3 | 470.1 | 305.2 | 266.6 | 278.9 | 284.2 | 282.4 | 282.4 |
| 45° | 1401.5 | 1312.1 | 1091.1 | 763.0 | 449.1 | 291.2 | 259.6 | 268.4 | 275.4 | 277.2 | 277.2 |
| 47.5° | 1594.5 | 1491.0 | 1205.1 | 777.1 | 422.7 | 277.2 | 256.1 | 270.1 | 277.2 | 271.9 | 271.9 |
| 50° | 1817.3 | 1696.2 | 1336.6 | 789.4 | 396.4 | 266.6 | 257.9 | 275.4 | 277.2 | 271.9 | 270.1 |
| 52.5° | 1994.4 | 1862.9 | 1450.7 | 803.4 | 370.1 | 261.4 | 264.9 | 282.4 | 280.7 | 271.9 | 270.1 |
| 55° | 2229.5 | 2094.4 | 1552.4 | 771.8 | 345.6 | 263.1 | 271.9 | 289.4 | 284.2 | 270.1 | 270.1 |
| 57.5° | 2506.6 | 2343.5 | 1687.5 | 754.3 | 317.5 | 268.4 | 280.7 | 296.4 | 287.7 | 275.4 | 273.6 |
| 60° | 2550.5 | 2392.6 | 1684.0 | 710.4 | 296.4 | 271.9 | 287.7 | 303.5 | 296.4 | 287.7 | 287.7 |
| 62.5° | 2699.6 | 2529.4 | 1655.9 | 633.2 | 280.7 | 271.9 | 292.9 | 312.2 | 314.0 | 308.7 | 307.0 |
| 65° | 2680.3 | 2494.4 | 1584.0 | 556.1 | 266.6 | 268.4 | 296.4 | 322.8 | 324.5 | 326.3 | 326.3 |
| 67.5° | 2610.1 | 2415.4 | 1459.4 | 487.6 | 250.8 | 263.1 | 296.4 | 321.0 | 329.8 | 336.8 | 336.8 |
| 70° | 2396.1 | 2219.0 | 1301.6 | 419.2 | 235.1 | 249.1 | 282.4 | 310.5 | 319.3 | 328.0 | 329.8 |
| 72.5° | 2005.0 | 1840.1 | 1068.3 | 356.1 | 214.0 | 228.0 | 257.9 | 284.2 | 294.7 | 301.7 | 300.0 |
| 75° | 1671.7 | 1538.4 | 868.3 | 282.4 | 191.2 | 201.7 | 226.3 | 249.1 | 256.1 | 261.4 | 261.4 |
| 77.5° | 1380.5 | 1261.2 | 684.1 | 231.5 | 166.6 | 175.4 | 194.7 | 212.2 | 219.3 | 221.0 | 217.5 |
| 80° | 1152.5 | 1012.1 | 536.8 | 187.7 | 142.1 | 147.3 | 166.6 | 180.7 | 187.7 | 184.2 | 185.9 |
| 82.5° | 891.1 | 775.3 | 407.0 | 157.9 | 124.5 | 126.3 | 140.3 | 152.6 | 157.9 | 154.4 | 152.6 |
| 85° | 605.2 | 526.2 | 292.9 | 136.8 | 108.8 | 107.0 | 115.8 | 126.3 | 129.8 | 128.1 | 126.3 |
| 87.5° | 399.9 | 347.3 | 212.2 | 117.5 | 94.7 | 93.0 | 98.2 | 107.0 | 110.5 | 108.8 | 105.2 |
| 90° | 252.6 | 229.8 | 152.6 | 100.0 | 82.4 | 78.9 | 82.4 | 87.7 | 93.0 | 91.2 | 89.5 |
| 92.5° | 161.4 | 145.6 | 112.3 | 82.4 | 70.2 | 66.7 | 66.7 | 70.2 | 73.7 | 70.2 | 66.7 |
| 95° | 108.8 | 105.2 | 86.0 | 66.7 | 57.9 | 54.4 | 52.6 | 52.6 | 56.1 | 52.6 | 50.9 |
| 97.5° | 84.2 | 80.7 | 70.2 | 52.6 | 45.6 | 43.9 | 42.1 | 42.1 | 45.6 | 42.1 | 40.3 |
| 100° | 64.9 | 64.9 | 56.1 | 43.9 | 35.1 | 35.1 | 35.1 | 36.8 | 38.6 | 36.8 | 36.8 |
| 102.5° | 50.9 | 50.9 | 47.4 | 36.8 | 29.8 | 29.8 | 29.8 | 31.6 | 35.1 | 33.3 | 33.3 |
| 105° | 38.6 | 40.3 | 38.6 | 29.8 | 26.3 | 26.3 | 26.3 | 28.1 | 29.8 | 29.8 | 29.8 |
| 107.5° | 31.6 | 33.3 | 31.6 | 26.3 | 22.8 | 22.8 | 22.8 | 24.6 | 26.3 | 28.1 | 28.1 |
| 110° | 26.3 | 28.1 | 26.3 | 22.8 | 21.0 | 21.0 | 21.0 | 21.0 | 24.6 | 24.6 | 26.3 |

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CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 21.0 | 22.8 | 22.8 | 19.3 | 19.3 | 19.3 | 17.5 | 19.3 | 21.0 | 22.8 | 22.8 |
| 115° | 19.3 | 19.3 | 19.3 | 17.5 | 17.5 | 17.5 | 15.8 | 15.8 | 19.3 | 21.0 | 21.0 |
| 117.5° | 17.5 | 17.5 | 17.5 | 15.8 | 15.8 | 15.8 | 14.0 | 14.0 | 15.8 | 19.3 | 19.3 |
| 120° | 15.8 | 15.8 | 15.8 | 14.0 | 14.0 | 14.0 | 12.3 | 12.3 | 14.0 | 17.5 | 17.5 |
| 122.5° | 14.0 | 14.0 | 14.0 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 14.0 | 15.8 | 15.8 |
| 125° | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 10.5 | 10.5 | 10.5 | 12.3 | 14.0 | 14.0 |
| 127.5° | 12.3 | 12.3 | 12.3 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 12.3 | 14.0 |
| 130° | 10.5 | 10.5 | 10.5 | 10.5 | 8.8 | 8.8 | 8.8 | 8.8 | 10.5 | 12.3 | 12.3 |
| 132.5° | 10.5 | 10.5 | 10.5 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 10.5 | 10.5 | 12.3 |
| 135° | 8.8 | 10.5 | 8.8 | 8.8 | 8.8 | 7.0 | 7.0 | 7.0 | 8.8 | 10.5 | 10.5 |
| 137.5° | 8.8 | 8.8 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 8.8 | 8.8 | 8.8 |
| 140° | 7.0 | 7.0 | 7.0 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 7.0 | 8.8 | 8.8 |
| 142.5° | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 7.0 | 7.0 | 7.0 |
| 145° | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 5.3 | 5.3 | 7.0 | 7.0 |
| 147.5° | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 5.3 | 5.3 | 5.3 |
| 150° | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 3.5 | 3.5 | 5.3 | 5.3 |
| 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)