

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: P416128

Luminaire Tested: **LXF.LXT-PA1-60-830-U-T2R-A**

Issue Date: 10/26/2020

Test Information

Test Method: LM-79-08
Report Number: P416128
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-PA1-60-830-U-T2R-A
Description: DECORATIVE POST TOP LUMINAIRE
(1) 80 CRI, 3000K, 800mA 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: 5476 lumens
Efficiency: N/A
Efficacy: 85.6 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

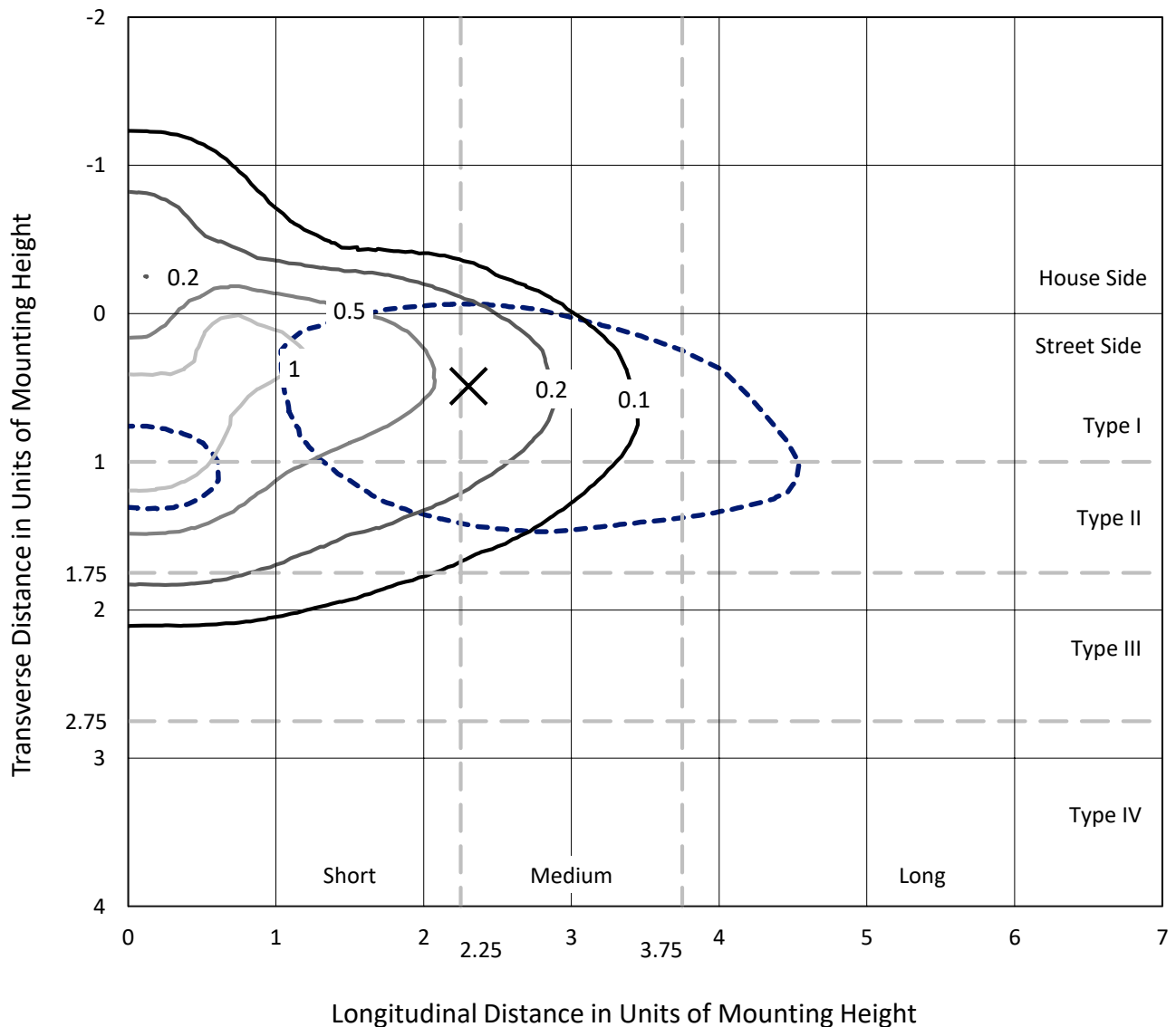
Input Watts (W): 64
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

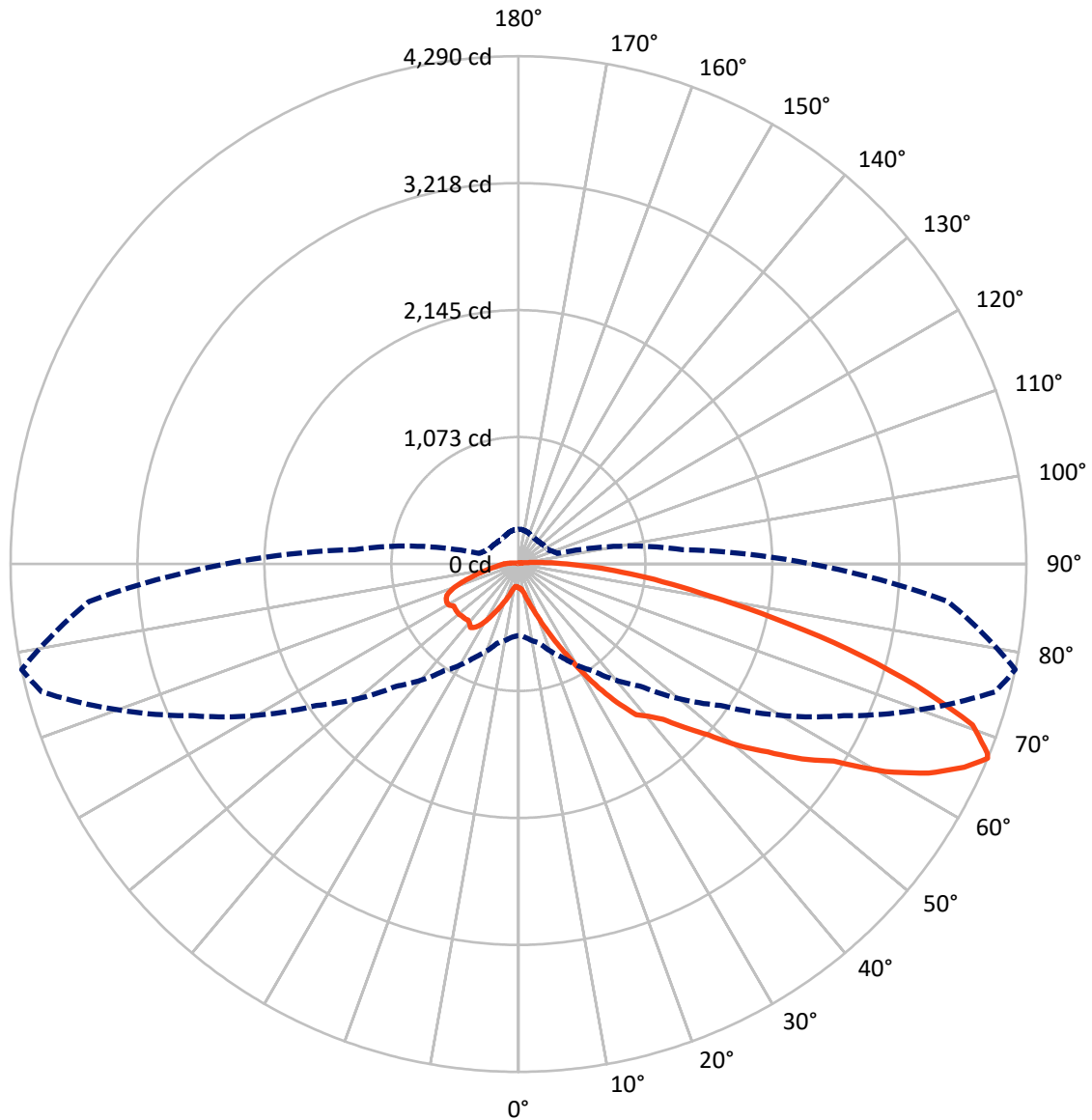
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.7 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 | 1013.0 | 82.9 | 1095.9 |
| | % Fixture | 18.5 | 1.5 | 20.0 |
| Street Side | Lumens | 4291.8 | 88.3 | 4380.1 |
| | % Fixture | 78.4 | 1.6 | 80.0 |
| Total | Lumens | 5304.9 | 171.1 | 5476.0 |
| | % Fixture | 96.9 | 3.1 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 20.1 | 0.4 |
| 10°-20° | 85.2 | 1.6 |
| 20°-30° | 255.5 | 4.7 |
| 30°-40° | 584.9 | 10.7 |
| 40°-50° | 934.2 | 17.1 |
| 50°-60° | 1151.3 | 21.0 |
| 60°-70° | 1199.9 | 21.9 |
| 70°-80° | 778.1 | 14.2 |
| 80°-90° | 295.8 | 5.4 |
| 90°-100° | 91.4 | 1.7 |
| 100°-110° | 35.1 | 0.6 |
| 110°-120° | 18.9 | 0.3 |
| 120°-130° | 12.6 | 0.2 |
| 130°-140° | 8.3 | 0.2 |
| 140°-150° | 3.7 | 0.1 |
| 150°-160° | 1.1 | 0.0 |
| 160°-170° | 0.1 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-90° | 5304.9 | 96.9 |
| 0°-180° | 5476.0 | 100.0 |

Coefficient of Utilization



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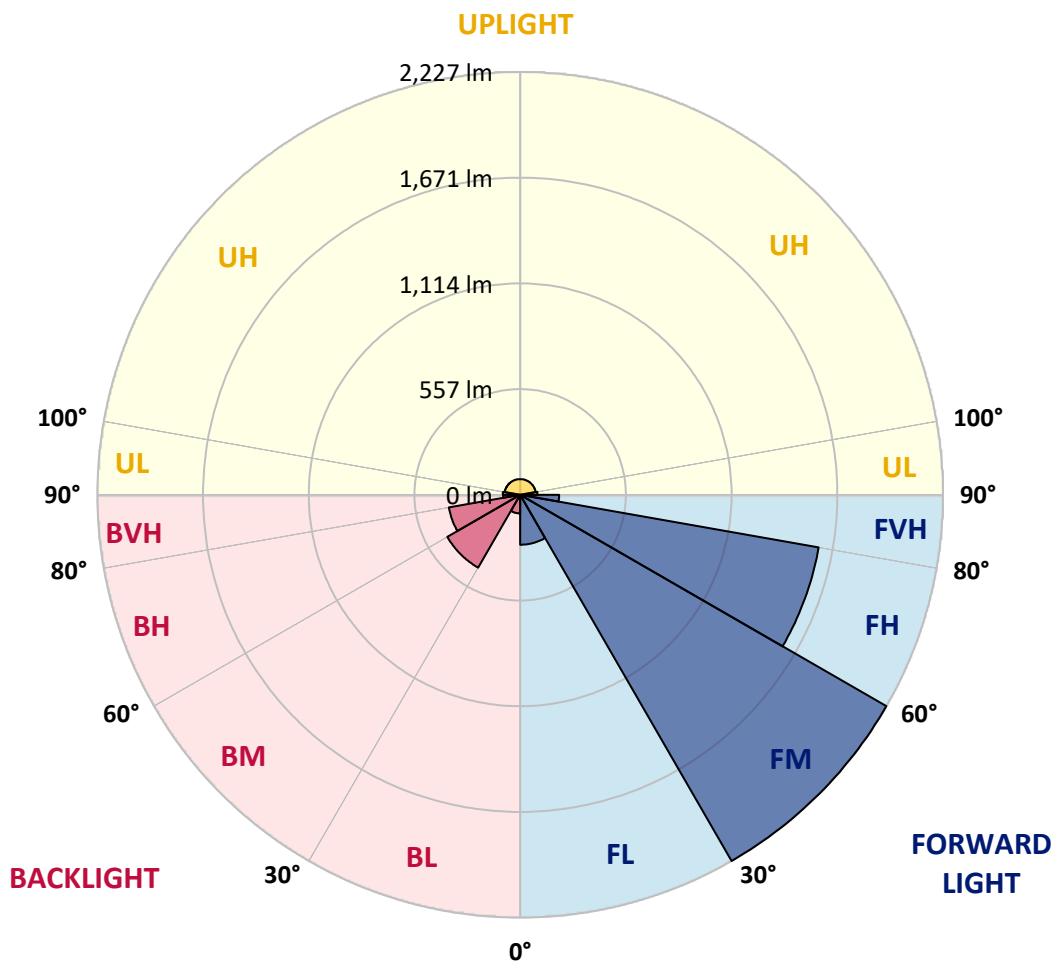
CATALOG NUMBER: LXF.LXT-PA1-60-830-U-T2R-A

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|--------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 262.9 | 4.8 | | | |
| FM | (30°-60°) | 2227.4 | 40.7 | | | |
| FH | (60°-80°) | 1596.3 | 29.2 | | | G1/1800 |
| FVH | (80°-90°) | 205.2 | 3.7 | | | G2/225 |
| BL | (0°-30°) | 97.9 | 1.8 | B0/110 | | |
| BM | (30°-60°) | 442.9 | 8.1 | B1/1000 | | |
| BH | (60°-80°) | 381.7 | 7.0 | B1/500 | | G1/500 |
| BVH | (80°-90°) | 90.6 | 1.7 | | | G1/100 |
| UL | (90°-100°) | 91.4 | 1.7 | | U3/500 | |
| UH | (100°-180°) | 82.9 | 1.5 | | U3/500 | |

BUG Rating: B1-U3-G2

Type II Medium





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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 78° | 85° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 199.6 | 199.6 | 199.6 | 199.6 | 199.6 | 199.6 | 199.6 | 199.6 | 199.6 | 199.6 | 199.6 |
| 2.5° | 225.6 | 224.9 | 224.3 | 223.0 | 220.4 | 217.8 | 213.9 | 208.7 | 204.8 | 204.2 | 200.3 |
| 5° | 254.1 | 252.1 | 252.1 | 248.9 | 243.7 | 238.5 | 230.7 | 221.7 | 214.5 | 210.7 | 204.8 |
| 7.5° | 289.1 | 285.2 | 286.5 | 281.3 | 274.2 | 265.1 | 252.8 | 240.5 | 226.9 | 223.0 | 214.5 |
| 10° | 331.2 | 328.6 | 326.0 | 319.5 | 311.1 | 296.9 | 285.2 | 267.0 | 248.9 | 243.7 | 230.7 |
| 12.5° | 382.4 | 383.1 | 375.3 | 368.2 | 353.9 | 339.6 | 325.4 | 307.9 | 287.8 | 282.0 | 265.1 |
| 15° | 454.4 | 453.7 | 445.3 | 429.1 | 411.6 | 396.0 | 384.4 | 365.6 | 346.1 | 339.6 | 314.4 |
| 17.5° | 538.6 | 536.7 | 530.2 | 501.7 | 484.2 | 471.9 | 455.0 | 443.3 | 415.5 | 408.3 | 377.2 |
| 20° | 661.8 | 650.1 | 635.2 | 597.0 | 571.0 | 555.5 | 541.9 | 527.0 | 497.1 | 484.8 | 447.9 |
| 22.5° | 798.5 | 804.4 | 777.2 | 718.2 | 674.7 | 646.2 | 632.0 | 624.2 | 601.5 | 593.1 | 537.3 |
| 25° | 968.4 | 968.4 | 925.6 | 860.8 | 804.4 | 751.2 | 748.0 | 757.1 | 726.6 | 720.8 | 661.8 |
| 27.5° | 1147.3 | 1154.4 | 1098.0 | 1028.6 | 943.1 | 880.9 | 877.6 | 885.4 | 882.8 | 865.9 | 781.7 |
| 30° | 1351.4 | 1344.9 | 1281.4 | 1197.2 | 1083.7 | 1010.5 | 1001.4 | 1057.8 | 1062.3 | 1050.7 | 958.6 |
| 32.5° | 1589.3 | 1584.1 | 1504.4 | 1374.1 | 1234.1 | 1149.8 | 1155.7 | 1235.4 | 1266.5 | 1246.4 | 1138.8 |
| 35° | 1878.4 | 1884.9 | 1759.8 | 1576.3 | 1391.6 | 1294.4 | 1300.9 | 1400.7 | 1459.0 | 1434.4 | 1313.2 |
| 37.5° | 2175.2 | 2177.2 | 2062.5 | 1814.2 | 1560.8 | 1422.7 | 1438.3 | 1560.1 | 1635.3 | 1615.2 | 1448.6 |
| 40° | 2363.2 | 2382.7 | 2272.5 | 2036.5 | 1739.0 | 1551.1 | 1564.0 | 1684.6 | 1728.7 | 1691.1 | 1495.3 |
| 42.5° | 2527.8 | 2542.8 | 2430.6 | 2177.2 | 1874.5 | 1665.8 | 1661.2 | 1752.6 | 1816.2 | 1792.8 | 1591.2 |
| 45° | 2608.9 | 2638.0 | 2536.9 | 2275.1 | 1969.8 | 1755.2 | 1720.2 | 1857.0 | 1998.3 | 1969.1 | 1746.8 |
| 47.5° | 2549.9 | 2585.5 | 2542.8 | 2326.3 | 2012.6 | 1811.6 | 1819.4 | 2007.4 | 2190.2 | 2157.7 | 1916.6 |
| 50° | 2357.4 | 2400.2 | 2414.4 | 2288.0 | 2023.6 | 1839.5 | 1922.5 | 2175.2 | 2420.2 | 2413.8 | 2125.3 |
| 52.5° | 2125.3 | 2148.0 | 2210.2 | 2172.7 | 1982.7 | 1871.9 | 2033.9 | 2337.9 | 2657.5 | 2637.4 | 2298.4 |
| 55° | 1910.8 | 1940.6 | 1991.8 | 1969.8 | 1881.6 | 1875.8 | 2122.1 | 2519.4 | 2909.6 | 2907.0 | 2516.2 |
| 57.5° | 1615.2 | 1656.7 | 1764.3 | 1776.6 | 1750.7 | 1851.8 | 2186.3 | 2662.0 | 3132.6 | 3141.7 | 2734.6 |
| 60° | 1239.9 | 1274.9 | 1438.3 | 1568.6 | 1591.2 | 1795.4 | 2218.7 | 2818.9 | 3513.7 | 3561.0 | 3116.4 |
| 62.5° | 1005.3 | 1011.8 | 1135.6 | 1298.3 | 1452.5 | 1692.4 | 2223.9 | 3017.2 | 3846.9 | 3889.6 | 3345.2 |
| 65° | 752.5 | 751.2 | 865.3 | 1050.7 | 1265.2 | 1571.8 | 2207.7 | 3079.4 | 4027.7 | 4137.2 | 3563.6 |
| 67° | 604.7 | 619.0 | 692.2 | 868.5 | 1103.2 | 1459.0 | 2081.9 | 3033.4 | 4169.6 | 4290.2 | 3643.3 |
| 67.5° | 581.4 | 588.5 | 655.3 | 821.9 | 1066.2 | 1425.3 | 2045.0 | 3021.7 | 4169.0 | 4271.4 | 3619.4 |
| 70° | 464.1 | 473.8 | 522.4 | 632.6 | 853.0 | 1204.3 | 1785.0 | 2750.8 | 3922.0 | 4071.1 | 3399.6 |
| 72.5° | 358.4 | 366.2 | 400.6 | 484.2 | 649.5 | 969.7 | 1476.5 | 2367.1 | 3396.4 | 3514.4 | 2882.4 |
| 75° | 272.9 | 275.5 | 307.9 | 364.9 | 495.8 | 739.6 | 1140.1 | 1864.1 | 2792.9 | 2882.4 | 2342.5 |
| 77.5° | 211.3 | 217.1 | 241.8 | 280.0 | 368.2 | 556.8 | 858.2 | 1451.9 | 2221.9 | 2208.3 | 1781.2 |
| 80° | 164.6 | 169.8 | 188.0 | 214.5 | 276.1 | 409.0 | 628.1 | 1073.4 | 1623.0 | 1639.2 | 1304.1 |
| 82.5° | 132.2 | 136.1 | 148.4 | 167.9 | 212.6 | 311.1 | 458.9 | 802.4 | 1234.1 | 1228.3 | 956.0 |
| 85° | 105.7 | 108.2 | 117.3 | 134.2 | 164.0 | 235.9 | 339.0 | 596.3 | 871.1 | 878.3 | 652.7 |
| 87.5° | 82.3 | 85.6 | 95.9 | 106.3 | 129.6 | 179.5 | 250.2 | 413.5 | 579.5 | 585.3 | 448.5 |
| 90° | 64.2 | 66.1 | 75.2 | 86.2 | 105.0 | 136.1 | 180.8 | 283.2 | 373.3 | 366.2 | 288.4 |
| 92.5° | 47.3 | 49.3 | 57.7 | 68.1 | 81.7 | 105.0 | 130.3 | 181.5 | 218.4 | 223.0 | 180.2 |
| 95° | 33.7 | 35.6 | 42.8 | 50.6 | 62.2 | 79.7 | 92.7 | 115.4 | 134.2 | 130.3 | 115.4 |
| 97.5° | 25.9 | 26.6 | 31.8 | 37.6 | 47.3 | 61.6 | 68.7 | 79.7 | 88.2 | 86.2 | 80.4 |
| 100° | 20.7 | 21.4 | 25.3 | 28.5 | 36.9 | 48.6 | 55.1 | 60.9 | 66.1 | 64.2 | 61.6 |
| 102.5° | 17.5 | 18.1 | 20.7 | 23.3 | 30.5 | 40.8 | 44.7 | 48.6 | 50.6 | 50.6 | 49.3 |
| 105° | 14.9 | 15.6 | 17.5 | 20.1 | 25.9 | 33.7 | 36.3 | 38.2 | 40.2 | 39.5 | 39.5 |
| 107.5° | 13.6 | 13.6 | 15.6 | 17.5 | 22.7 | 28.5 | 29.8 | 30.5 | 31.1 | 31.1 | 32.4 |



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CATALOG NUMBER: LXF.LXT-PA1-60-830-U-T2R-A

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 78° | 85° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 110° | 12.3 | 13.0 | 14.3 | 15.6 | 20.1 | 25.3 | 25.3 | 24.6 | 24.6 | 24.6 | 26.6 |
| 112.5° | 11.7 | 12.3 | 13.0 | 14.9 | 18.8 | 22.0 | 21.4 | 20.1 | 20.1 | 20.7 | 22.7 |
| 115° | 11.7 | 11.7 | 12.3 | 14.3 | 17.5 | 20.1 | 18.8 | 16.9 | 16.9 | 17.5 | 19.4 |
| 117.5° | 11.7 | 11.7 | 13.0 | 14.3 | 16.9 | 18.1 | 16.9 | 14.9 | 14.3 | 14.9 | 16.9 |
| 120° | 12.3 | 12.3 | 13.0 | 14.3 | 15.6 | 16.9 | 15.6 | 13.6 | 13.0 | 13.6 | 15.6 |
| 122.5° | 13.0 | 13.0 | 13.0 | 14.3 | 14.9 | 15.6 | 14.3 | 12.3 | 11.7 | 12.3 | 14.3 |
| 125° | 13.6 | 13.6 | 13.6 | 14.3 | 14.9 | 14.3 | 13.0 | 11.7 | 11.7 | 11.7 | 13.6 |
| 127.5° | 14.9 | 14.9 | 14.9 | 14.9 | 14.3 | 13.6 | 12.3 | 11.0 | 11.7 | 11.7 | 13.0 |
| 130° | 16.2 | 16.2 | 15.6 | 14.9 | 14.3 | 13.0 | 11.7 | 10.4 | 11.0 | 11.7 | 13.0 |
| 132.5° | 16.9 | 16.2 | 15.6 | 14.3 | 13.6 | 11.7 | 10.4 | 9.7 | 10.4 | 11.0 | 12.3 |
| 135° | 15.6 | 15.6 | 14.3 | 13.0 | 12.3 | 10.4 | 9.1 | 9.1 | 9.7 | 10.4 | 11.0 |
| 137.5° | 13.6 | 13.6 | 13.0 | 11.7 | 11.0 | 9.7 | 8.4 | 7.8 | 9.1 | 9.7 | 10.4 |
| 140° | 11.7 | 11.7 | 11.0 | 9.7 | 9.1 | 8.4 | 7.1 | 6.5 | 7.8 | 8.4 | 9.1 |
| 142.5° | 9.7 | 9.7 | 9.1 | 7.8 | 7.8 | 7.1 | 5.8 | 5.8 | 7.1 | 7.1 | 7.8 |
| 145° | 7.8 | 7.8 | 7.8 | 6.5 | 6.5 | 5.8 | 4.5 | 5.2 | 5.8 | 6.5 | 6.5 |
| 147.5° | 6.5 | 6.5 | 6.5 | 5.2 | 5.2 | 4.5 | 3.2 | 3.9 | 4.5 | 5.2 | 5.2 |
| 150° | 5.2 | 5.2 | 5.2 | 4.5 | 3.9 | 3.2 | 2.6 | 3.2 | 3.2 | 3.9 | 3.9 |
| 152.5° | 3.9 | 3.9 | 3.9 | 3.2 | 3.2 | 1.9 | 1.9 | 2.6 | 2.6 | 3.2 | 3.2 |
| 155° | 2.6 | 2.6 | 3.2 | 2.6 | 1.9 | 1.3 | 1.9 | 1.9 | 2.6 | 2.6 | 2.6 |
| 157.5° | 1.9 | 1.9 | 1.9 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.9 | 1.9 | 1.9 |
| 160° | 0.6 | 0.6 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| 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-PA1-60-830-U-T2R-A

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 199.6 | 199.6 | 199.6 | 199.6 | 199.6 | 199.6 | 199.6 | 199.6 | 199.6 | 199.6 | 199.6 |
| 2.5° | 198.3 | 197.0 | 193.8 | 190.6 | 187.3 | 184.7 | 181.5 | 180.8 | 180.8 | 179.5 | 179.5 |
| 5° | 200.9 | 197.0 | 189.3 | 182.8 | 175.7 | 169.8 | 165.3 | 163.3 | 161.4 | 160.1 | 158.8 |
| 7.5° | 206.8 | 200.3 | 187.3 | 176.9 | 166.6 | 157.5 | 151.0 | 147.8 | 145.8 | 143.9 | 144.5 |
| 10° | 220.4 | 210.7 | 191.9 | 175.0 | 159.4 | 147.1 | 139.4 | 135.5 | 134.2 | 132.2 | 132.2 |
| 12.5° | 249.5 | 236.6 | 209.4 | 180.8 | 156.9 | 140.0 | 130.9 | 129.6 | 130.9 | 132.9 | 132.9 |
| 15° | 295.6 | 276.1 | 236.6 | 197.0 | 162.7 | 138.7 | 133.5 | 137.4 | 141.9 | 144.5 | 144.5 |
| 17.5° | 352.0 | 325.4 | 269.0 | 215.8 | 171.1 | 150.4 | 143.9 | 149.1 | 154.9 | 158.8 | 158.8 |
| 20° | 414.2 | 378.5 | 302.0 | 232.0 | 183.4 | 166.6 | 159.4 | 164.0 | 171.8 | 177.6 | 176.9 |
| 22.5° | 495.2 | 443.3 | 340.3 | 246.3 | 198.3 | 181.5 | 176.9 | 182.8 | 194.4 | 202.2 | 202.9 |
| 25° | 595.7 | 524.4 | 385.0 | 265.1 | 212.0 | 194.4 | 195.7 | 206.1 | 221.7 | 230.1 | 230.1 |
| 27.5° | 702.6 | 612.5 | 423.3 | 283.9 | 226.2 | 208.1 | 214.5 | 228.8 | 245.7 | 255.4 | 256.7 |
| 30° | 843.9 | 725.9 | 471.2 | 302.7 | 238.5 | 221.7 | 229.5 | 246.3 | 258.6 | 264.5 | 265.1 |
| 32.5° | 987.8 | 833.5 | 509.5 | 322.1 | 250.2 | 231.4 | 238.5 | 254.7 | 265.7 | 272.2 | 271.6 |
| 35° | 1118.1 | 920.4 | 532.1 | 331.2 | 260.6 | 238.5 | 241.8 | 259.3 | 265.7 | 269.6 | 269.0 |
| 37.5° | 1217.9 | 982.6 | 540.6 | 333.2 | 264.5 | 241.8 | 243.1 | 258.0 | 267.0 | 274.2 | 272.9 |
| 40° | 1234.8 | 974.2 | 508.8 | 321.5 | 263.8 | 241.8 | 244.4 | 261.2 | 270.9 | 274.2 | 273.5 |
| 42.5° | 1297.0 | 997.5 | 481.6 | 300.7 | 256.0 | 241.1 | 247.0 | 262.5 | 267.0 | 265.1 | 263.2 |
| 45° | 1405.2 | 1046.8 | 473.8 | 290.4 | 246.3 | 239.2 | 248.2 | 259.3 | 258.6 | 254.7 | 253.4 |
| 47.5° | 1512.2 | 1094.1 | 457.0 | 285.8 | 243.7 | 238.5 | 247.6 | 255.4 | 257.3 | 253.4 | 252.1 |
| 50° | 1648.3 | 1157.0 | 443.3 | 279.4 | 244.4 | 238.5 | 246.3 | 255.4 | 256.7 | 250.2 | 249.5 |
| 52.5° | 1770.1 | 1200.4 | 423.3 | 273.5 | 245.0 | 240.5 | 246.3 | 255.4 | 256.0 | 249.5 | 248.2 |
| 55° | 1897.2 | 1246.4 | 402.5 | 267.7 | 247.0 | 242.4 | 248.2 | 256.0 | 256.7 | 252.1 | 250.8 |
| 57.5° | 2024.2 | 1286.6 | 379.2 | 263.2 | 248.9 | 246.3 | 249.5 | 256.7 | 261.9 | 260.6 | 260.6 |
| 60° | 2283.5 | 1402.0 | 375.3 | 263.8 | 250.8 | 249.5 | 250.8 | 259.9 | 269.6 | 266.4 | 267.0 |
| 62.5° | 2385.9 | 1426.6 | 368.2 | 272.2 | 256.7 | 252.1 | 252.8 | 262.5 | 272.9 | 277.4 | 276.8 |
| 65° | 2479.2 | 1428.6 | 353.9 | 278.1 | 263.8 | 254.1 | 254.1 | 263.2 | 280.7 | 291.0 | 291.0 |
| 67° | 2474.0 | 1389.7 | 343.5 | 278.7 | 267.0 | 256.0 | 253.4 | 263.2 | 281.3 | 293.0 | 293.6 |
| 67.5° | 2444.2 | 1364.4 | 339.6 | 278.7 | 267.7 | 256.0 | 252.8 | 262.5 | 281.3 | 293.6 | 293.6 |
| 70° | 2264.7 | 1231.5 | 314.4 | 271.6 | 265.7 | 252.8 | 248.9 | 256.0 | 277.4 | 294.3 | 294.3 |
| 72.5° | 1875.8 | 1013.7 | 278.7 | 254.1 | 253.4 | 244.4 | 238.5 | 246.3 | 267.0 | 284.5 | 283.9 |
| 75° | 1516.1 | 810.2 | 243.1 | 228.2 | 234.6 | 228.2 | 223.6 | 229.5 | 249.5 | 267.0 | 265.7 |
| 77.5° | 1133.0 | 608.6 | 210.0 | 203.5 | 212.6 | 208.1 | 204.2 | 210.0 | 229.5 | 246.3 | 243.7 |
| 80° | 837.4 | 469.3 | 182.8 | 180.2 | 186.7 | 185.4 | 184.1 | 186.7 | 203.5 | 214.5 | 212.6 |
| 82.5° | 616.4 | 357.1 | 157.5 | 155.6 | 163.3 | 163.3 | 163.3 | 165.3 | 177.6 | 181.5 | 179.5 |
| 85° | 438.2 | 269.0 | 138.7 | 133.5 | 140.0 | 143.2 | 145.2 | 145.8 | 152.3 | 153.0 | 148.4 |
| 87.5° | 308.5 | 212.0 | 124.4 | 113.4 | 116.7 | 123.8 | 127.0 | 126.4 | 129.0 | 127.0 | 122.5 |
| 90° | 215.2 | 166.6 | 112.8 | 96.6 | 96.6 | 103.7 | 108.9 | 108.2 | 108.9 | 103.7 | 99.2 |
| 92.5° | 151.7 | 125.7 | 95.3 | 79.7 | 78.4 | 85.6 | 90.1 | 89.4 | 89.4 | 84.3 | 79.7 |
| 95° | 101.8 | 92.7 | 75.8 | 64.2 | 62.2 | 68.1 | 72.6 | 71.3 | 71.3 | 66.1 | 64.2 |
| 97.5° | 75.2 | 70.7 | 62.2 | 54.4 | 50.6 | 53.8 | 57.0 | 57.0 | 57.7 | 54.4 | 52.5 |
| 100° | 59.0 | 57.0 | 53.1 | 46.7 | 42.8 | 43.4 | 45.4 | 45.4 | 48.0 | 45.4 | 44.1 |
| 102.5° | 49.3 | 48.0 | 44.7 | 40.2 | 36.9 | 36.3 | 37.6 | 38.2 | 41.5 | 39.5 | 38.9 |
| 105° | 40.8 | 40.2 | 38.2 | 34.4 | 31.8 | 31.8 | 31.8 | 32.4 | 35.6 | 34.4 | 34.4 |
| 107.5° | 33.1 | 33.1 | 33.1 | 29.8 | 27.9 | 27.9 | 27.2 | 27.9 | 30.5 | 30.5 | 30.5 |



REPORT NUMBER: P416128

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CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 110° | 27.9 | 27.9 | 28.5 | 25.9 | 24.6 | 24.6 | 24.0 | 24.6 | 27.2 | 27.9 | 27.9 |
| 112.5° | 24.0 | 24.0 | 24.6 | 23.3 | 22.0 | 22.0 | 21.4 | 21.4 | 24.0 | 25.9 | 25.9 |
| 115° | 20.7 | 21.4 | 21.4 | 20.7 | 20.1 | 19.4 | 18.8 | 19.4 | 22.0 | 24.0 | 24.0 |
| 117.5° | 18.1 | 18.8 | 19.4 | 18.8 | 18.1 | 17.5 | 16.9 | 17.5 | 20.1 | 22.7 | 22.7 |
| 120° | 16.2 | 16.9 | 17.5 | 17.5 | 16.9 | 16.2 | 14.9 | 16.2 | 18.1 | 20.7 | 21.4 |
| 122.5° | 14.9 | 15.6 | 15.6 | 15.6 | 15.6 | 14.3 | 13.6 | 14.3 | 16.2 | 18.8 | 19.4 |
| 125° | 14.3 | 14.3 | 14.9 | 14.9 | 14.3 | 13.0 | 12.3 | 13.0 | 14.3 | 16.2 | 16.9 |
| 127.5° | 13.6 | 13.6 | 14.3 | 14.3 | 13.0 | 11.7 | 11.0 | 11.7 | 13.0 | 14.3 | 14.3 |
| 130° | 13.6 | 13.6 | 13.6 | 13.0 | 12.3 | 11.0 | 9.7 | 10.4 | 11.7 | 13.0 | 13.0 |
| 132.5° | 13.0 | 12.3 | 12.3 | 12.3 | 11.0 | 9.7 | 9.1 | 9.1 | 10.4 | 11.7 | 11.7 |
| 135° | 11.7 | 11.7 | 11.0 | 11.0 | 10.4 | 8.4 | 7.8 | 7.8 | 9.1 | 10.4 | 10.4 |
| 137.5° | 10.4 | 10.4 | 9.7 | 9.7 | 9.1 | 7.8 | 6.5 | 7.1 | 8.4 | 8.4 | 9.1 |
| 140° | 9.1 | 9.1 | 8.4 | 8.4 | 7.8 | 6.5 | 5.2 | 5.8 | 7.1 | 7.1 | 7.8 |
| 142.5° | 7.8 | 7.8 | 7.8 | 7.1 | 6.5 | 5.2 | 4.5 | 5.2 | 6.5 | 6.5 | 6.5 |
| 145° | 6.5 | 6.5 | 6.5 | 5.8 | 5.2 | 3.9 | 3.2 | 4.5 | 5.8 | 5.2 | 5.2 |
| 147.5° | 5.2 | 5.2 | 5.2 | 5.2 | 3.9 | 3.2 | 2.6 | 3.9 | 4.5 | 4.5 | 4.5 |
| 150° | 3.9 | 3.9 | 3.9 | 3.9 | 3.2 | 1.9 | 1.9 | 3.2 | 3.9 | 3.9 | 3.9 |
| 152.5° | 3.2 | 3.2 | 3.2 | 3.9 | 3.2 | 1.3 | 1.3 | 2.6 | 3.2 | 3.2 | 3.2 |
| 155° | 2.6 | 2.6 | 3.2 | 3.2 | 2.6 | 1.3 | 0.6 | 1.9 | 2.6 | 2.6 | 2.6 |
| 157.5° | 1.9 | 1.9 | 2.6 | 2.6 | 1.9 | 1.3 | 0.6 | 1.3 | 2.6 | 1.9 | 1.9 |
| 160° | 1.3 | 1.9 | 1.9 | 1.9 | 1.9 | 1.3 | 0.0 | 1.3 | 1.9 | 1.3 | 1.3 |
| 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)