

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: P254895

Luminaire Tested: **LXF.LXT-AF24-20-D-U-T4W-FL-7030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P254895
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1806-803-30)
Test Lab: INNOVATION CENTER(G2)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: LXF.LXT-AF24-20-D-U-T4W-FL-7030
Description: DECORATIVE POST TOP LUMINAIRE
(1) 70 CRI, 3000K, 260mA LIGHT ENGINE WITH 24 LEDS AND TYPE IV WIDE OPTICS AND FROSTED LENS PANELS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2188.4 lumens
Efficiency: N/A
Efficacy: 104.2 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 1.17' x L: 1.17' x H: 0.83')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B1 - U3 - G2

Input Watts (W): 21
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

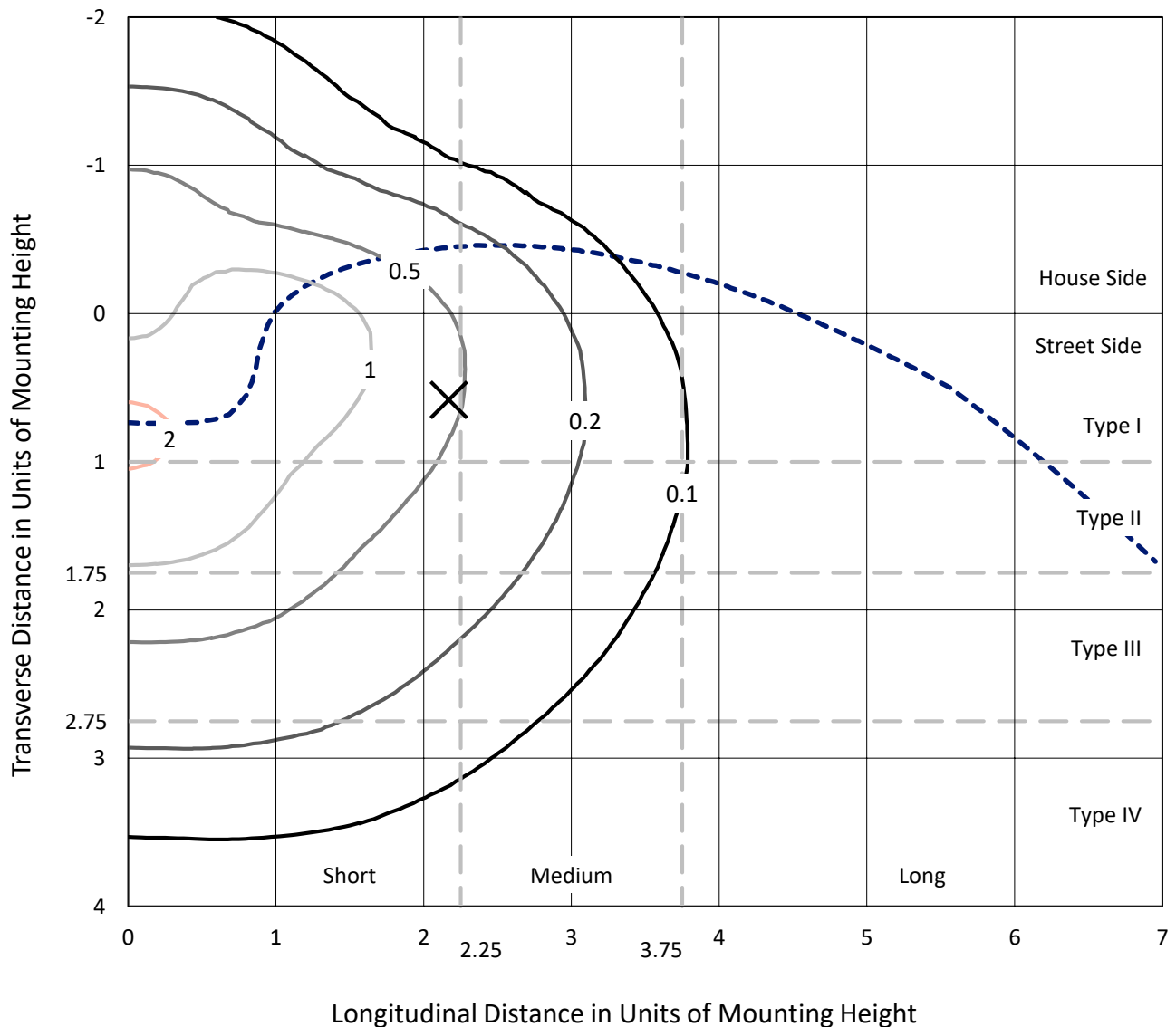


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

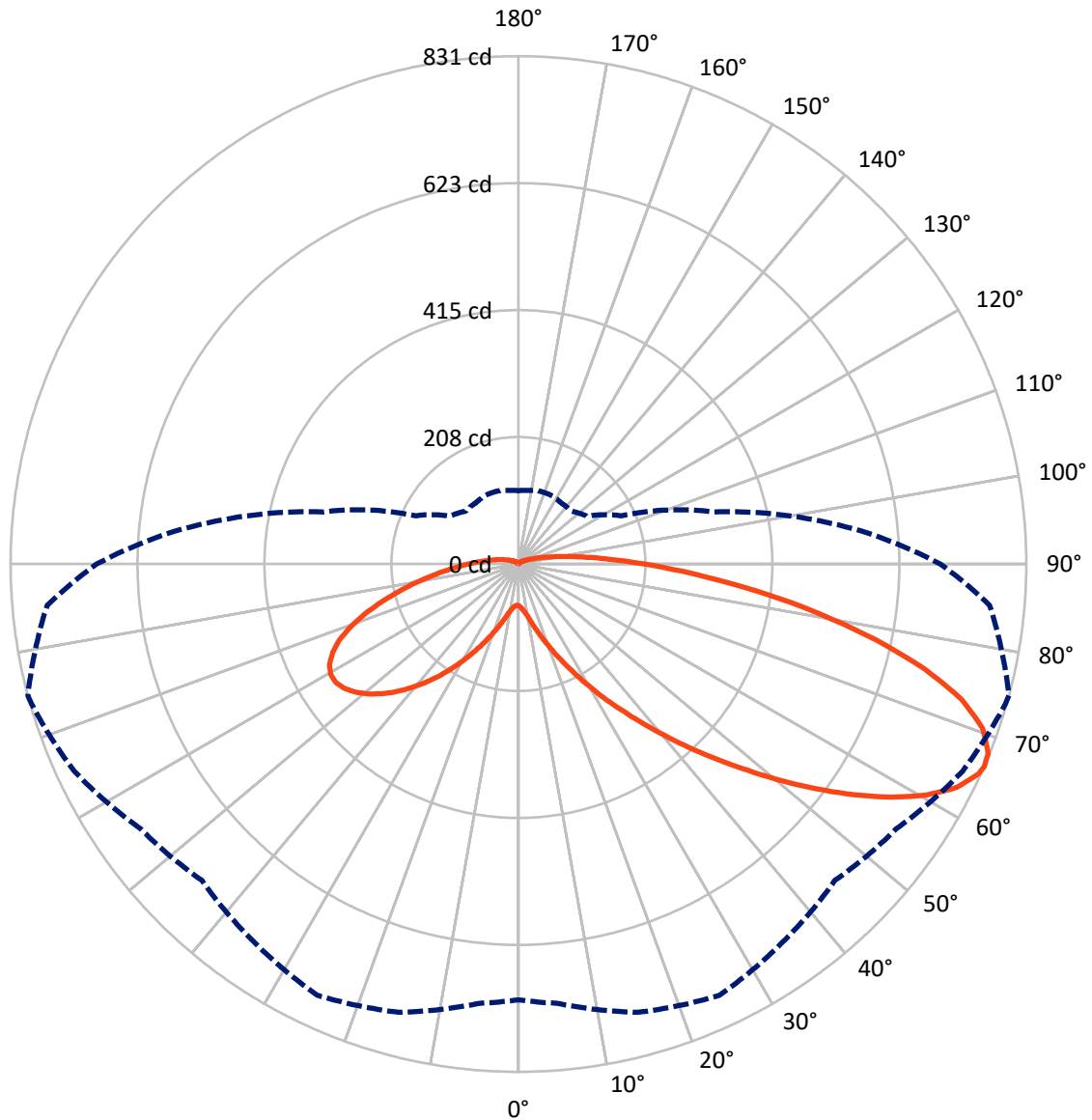


Based on 10 foot mounting height. Maximum calculated value = 2.2 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral - - - Horizontal Cone Through 66-Deg Vertical

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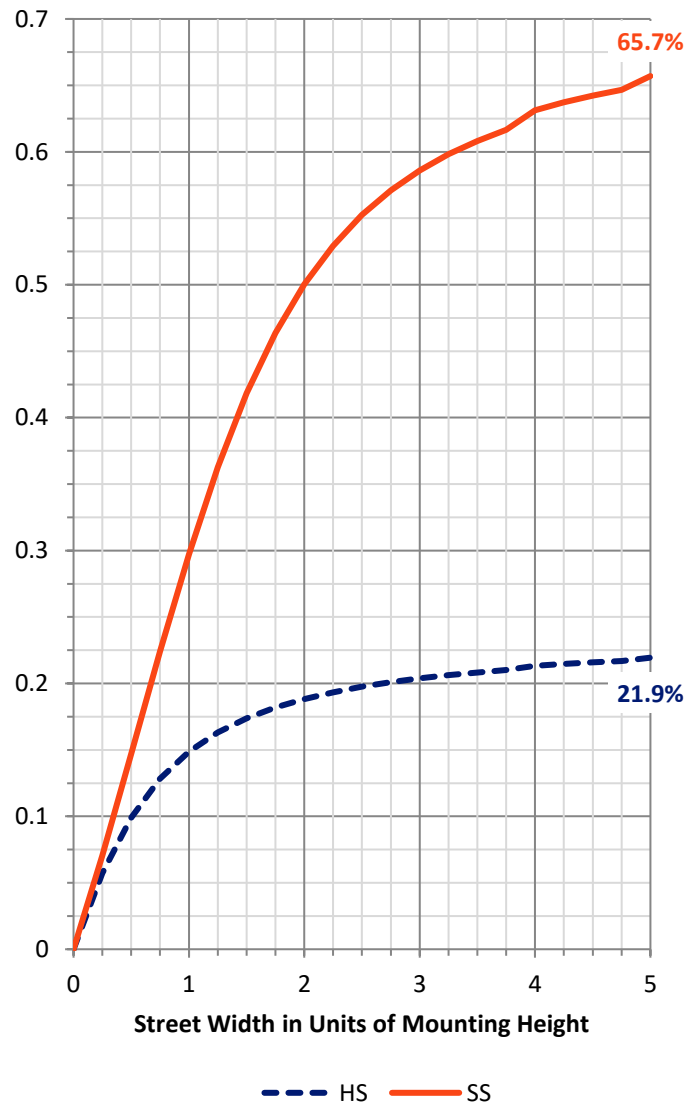
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 507.1 | 54.6 | 561.8 |
| | % Fixture | 23.2 | 2.5 | 25.7 |
| Street Side | Lumens | 1520.7 | 106.0 | 1626.7 |
| | % Fixture | 69.5 | 4.8 | 74.3 |
| Total | Lumens | 2027.8 | 160.6 | 2188.4 |
| | % Fixture | 92.7 | 7.3 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 7.2 | 0.3 |
| 10°-20° | 30.3 | 1.4 |
| 20°-30° | 76.7 | 3.5 |
| 30°-40° | 153.4 | 7.0 |
| 40°-50° | 260.9 | 11.9 |
| 50°-60° | 388.2 | 17.7 |
| 60°-70° | 476.6 | 21.8 |
| 70°-80° | 409.9 | 18.7 |
| 80°-90° | 224.7 | 10.3 |
| 90°-100° | 93.8 | 4.3 |
| 100°-110° | 38.3 | 1.8 |
| 110°-120° | 16.9 | 0.8 |
| 120°-130° | 7.7 | 0.4 |
| 130°-140° | 3.2 | 0.1 |
| 140°-150° | 0.8 | 0.0 |
| 150°-160° | 0.1 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-90° | 2027.8 | 92.7 |
| 0°-180° | 2188.4 | 100.0 |

Coefficient of Utilization



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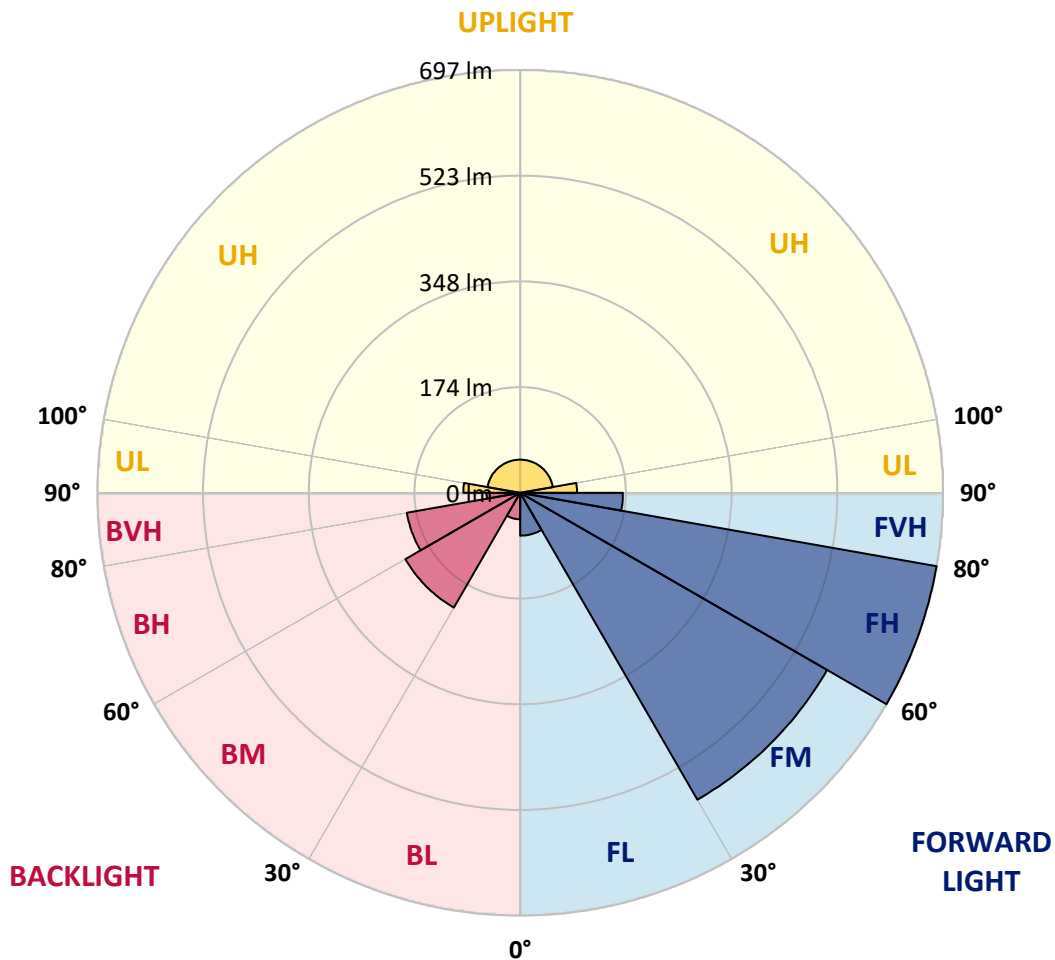
CATALOG NUMBER: LXF.LXT-AF24-20-D-U-T4W-FL-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|--------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 70.6 | 3.2 | | | |
| FM | (30°-60°) | 584.0 | 26.7 | | | |
| FH | (60°-80°) | 696.8 | 31.8 | | | G1/1800 |
| FVH | (80°-90°) | 169.3 | 7.7 | | | G2/225 |
| BL | (0°-30°) | 43.6 | 2.0 | B0/110 | | |
| BM | (30°-60°) | 218.4 | 10.0 | B0/220 | | |
| BH | (60°-80°) | 189.7 | 8.7 | B1/500 | | G1/500 |
| BVH | (80°-90°) | 55.4 | 2.5 | | | G1/100 |
| UL | (90°-100°) | 93.8 | 4.3 | | U3/500 | |
| UH | (100°-180°) | 54.6 | 2.5 | | U3/500 | |

BUG Rating: B1-U3-G2

Type IV Short





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CATALOG NUMBER: LXF.LXT-AF24-20-D-U-T4W-FL-7030

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 74° | 75° | 85° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 |
| 2.5° | 75.3 | 75.3 | 75.0 | 75.0 | 74.2 | 73.4 | 72.8 | 71.6 | 70.7 | 70.7 | 69.6 |
| 5° | 83.2 | 83.2 | 83.0 | 82.5 | 81.4 | 80.1 | 78.4 | 76.6 | 75.0 | 74.8 | 72.8 |
| 7.5° | 93.1 | 93.1 | 92.7 | 91.6 | 89.9 | 88.1 | 85.9 | 83.2 | 80.9 | 80.3 | 77.7 |
| 10° | 105.4 | 105.4 | 104.6 | 103.0 | 100.8 | 98.5 | 95.5 | 91.8 | 88.6 | 88.3 | 84.5 |
| 12.5° | 120.8 | 120.0 | 119.5 | 116.9 | 113.9 | 110.8 | 107.3 | 102.7 | 99.5 | 99.5 | 94.5 |
| 15° | 138.5 | 138.5 | 136.3 | 132.9 | 129.2 | 124.9 | 121.2 | 116.6 | 112.9 | 112.6 | 106.7 |
| 17.5° | 158.0 | 157.7 | 155.3 | 151.0 | 146.0 | 141.7 | 136.9 | 131.8 | 127.5 | 127.5 | 120.6 |
| 20° | 180.4 | 179.8 | 176.7 | 171.1 | 164.9 | 160.1 | 154.8 | 148.9 | 144.3 | 144.3 | 136.7 |
| 22.5° | 206.1 | 205.0 | 200.9 | 193.2 | 187.1 | 180.2 | 173.9 | 168.2 | 163.4 | 163.9 | 155.0 |
| 25° | 234.8 | 233.5 | 228.5 | 218.5 | 209.8 | 201.5 | 195.3 | 189.2 | 185.7 | 184.4 | 177.2 |
| 27.5° | 267.3 | 264.7 | 259.2 | 246.6 | 234.1 | 223.9 | 217.5 | 212.9 | 209.8 | 208.6 | 200.4 |
| 30° | 303.2 | 300.5 | 292.7 | 277.0 | 260.5 | 247.7 | 241.5 | 238.0 | 236.4 | 235.1 | 226.8 |
| 32.5° | 343.9 | 341.0 | 330.4 | 310.7 | 289.3 | 273.2 | 267.3 | 265.8 | 265.8 | 264.7 | 256.4 |
| 35° | 388.3 | 384.6 | 371.7 | 346.9 | 319.9 | 300.8 | 295.1 | 296.0 | 296.2 | 295.4 | 288.5 |
| 37.5° | 435.5 | 431.5 | 416.3 | 386.7 | 353.0 | 330.1 | 324.5 | 328.3 | 333.6 | 330.6 | 323.4 |
| 40° | 484.1 | 480.3 | 464.1 | 428.1 | 387.8 | 360.8 | 355.2 | 362.6 | 371.2 | 368.8 | 360.8 |
| 42.5° | 532.4 | 530.8 | 510.2 | 471.8 | 424.8 | 393.2 | 389.1 | 400.6 | 412.4 | 410.7 | 401.8 |
| 45° | 585.0 | 580.1 | 560.2 | 517.2 | 464.6 | 430.5 | 425.9 | 441.4 | 457.4 | 455.8 | 447.0 |
| 47.5° | 632.2 | 627.7 | 608.7 | 563.1 | 504.7 | 467.5 | 464.6 | 485.4 | 505.7 | 503.8 | 495.1 |
| 50° | 672.0 | 671.4 | 655.4 | 608.1 | 546.9 | 506.2 | 506.0 | 532.1 | 556.9 | 556.4 | 545.2 |
| 52.5° | 710.0 | 709.3 | 694.7 | 651.9 | 588.9 | 545.2 | 547.3 | 581.5 | 611.1 | 611.1 | 596.1 |
| 55° | 739.4 | 739.2 | 730.6 | 693.6 | 630.7 | 588.5 | 594.6 | 632.2 | 666.1 | 666.1 | 651.1 |
| 57.5° | 760.0 | 759.8 | 758.7 | 730.4 | 670.7 | 629.6 | 639.1 | 682.1 | 718.9 | 719.7 | 700.1 |
| 60° | 764.9 | 767.2 | 777.9 | 760.0 | 706.4 | 666.9 | 679.9 | 728.0 | 765.9 | 767.2 | 740.2 |
| 62.5° | 756.3 | 760.0 | 781.6 | 777.9 | 733.5 | 700.5 | 716.7 | 766.1 | 802.7 | 804.8 | 767.8 |
| 65° | 728.0 | 735.8 | 768.8 | 781.1 | 750.7 | 725.1 | 746.7 | 793.9 | 824.4 | 827.3 | 776.7 |
| 66° | 712.8 | 721.1 | 759.0 | 778.2 | 754.4 | 732.0 | 754.7 | 801.6 | 828.8 | 830.7 | 773.7 |
| 67.5° | 684.0 | 692.2 | 737.1 | 766.7 | 754.4 | 738.7 | 761.3 | 807.0 | 828.0 | 828.8 | 763.1 |
| 70° | 622.0 | 634.9 | 685.0 | 731.0 | 738.9 | 735.2 | 761.1 | 799.0 | 808.6 | 805.9 | 723.4 |
| 72.5° | 554.1 | 561.1 | 616.2 | 678.6 | 705.6 | 712.8 | 742.4 | 768.8 | 762.4 | 758.4 | 663.6 |
| 75° | 464.6 | 475.1 | 535.1 | 606.3 | 647.4 | 669.5 | 701.3 | 710.6 | 694.7 | 686.1 | 585.0 |
| 77.5° | 388.0 | 392.2 | 448.3 | 521.5 | 575.6 | 605.8 | 635.7 | 638.6 | 605.6 | 598.3 | 493.5 |
| 80° | 308.4 | 312.8 | 364.3 | 434.5 | 493.2 | 532.9 | 559.1 | 551.3 | 509.7 | 502.8 | 408.1 |
| 82.5° | 241.0 | 246.8 | 286.4 | 353.4 | 410.2 | 452.2 | 472.1 | 459.6 | 420.0 | 410.2 | 325.0 |
| 85° | 184.9 | 187.8 | 224.7 | 282.3 | 332.4 | 370.7 | 387.3 | 373.3 | 330.9 | 323.2 | 255.3 |
| 87.5° | 141.0 | 143.7 | 175.1 | 220.3 | 264.7 | 297.3 | 310.1 | 292.5 | 258.1 | 252.9 | 198.3 |
| 90° | 107.5 | 109.7 | 134.5 | 173.5 | 207.6 | 234.6 | 243.4 | 229.6 | 198.9 | 194.3 | 152.6 |
| 92.5° | 82.5 | 84.3 | 103.6 | 134.5 | 162.5 | 185.5 | 189.2 | 176.1 | 152.4 | 148.4 | 117.5 |
| 95° | 63.3 | 65.3 | 80.9 | 105.1 | 127.1 | 144.3 | 147.1 | 135.8 | 116.9 | 113.6 | 90.4 |
| 97.5° | 49.6 | 50.5 | 63.5 | 83.2 | 101.2 | 113.2 | 114.1 | 105.7 | 89.4 | 87.3 | 69.6 |
| 100° | 39.8 | 40.3 | 50.5 | 65.9 | 80.7 | 89.4 | 89.9 | 81.2 | 68.7 | 66.9 | 53.3 |
| 102.5° | 32.3 | 32.8 | 40.5 | 53.1 | 64.0 | 71.2 | 71.0 | 64.0 | 53.1 | 51.1 | 41.6 |
| 105° | 26.7 | 27.0 | 33.1 | 43.2 | 52.0 | 56.9 | 56.6 | 49.9 | 40.9 | 39.5 | 32.6 |
| 107.5° | 22.4 | 22.7 | 27.2 | 35.2 | 42.7 | 46.7 | 45.9 | 39.3 | 31.8 | 30.9 | 25.9 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 74° | 75° | 85° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 110° | 18.9 | 19.2 | 22.7 | 29.4 | 36.0 | 38.7 | 37.5 | 31.2 | 25.1 | 24.0 | 20.9 |
| 112.5° | 16.5 | 16.5 | 19.2 | 24.6 | 30.1 | 32.6 | 30.9 | 25.3 | 19.7 | 19.2 | 17.1 |
| 115° | 14.4 | 14.6 | 16.5 | 20.9 | 25.5 | 27.2 | 25.5 | 20.3 | 16.1 | 15.6 | 14.1 |
| 117.5° | 12.8 | 12.8 | 14.4 | 17.6 | 21.7 | 22.7 | 21.1 | 16.5 | 13.1 | 12.8 | 12.0 |
| 120° | 11.5 | 11.5 | 12.6 | 15.0 | 18.1 | 19.2 | 17.6 | 13.6 | 10.7 | 10.4 | 10.2 |
| 122.5° | 10.4 | 10.4 | 10.9 | 12.8 | 15.6 | 16.1 | 14.4 | 11.3 | 9.1 | 8.8 | 8.8 |
| 125° | 9.3 | 9.3 | 9.7 | 10.9 | 13.1 | 13.6 | 12.0 | 9.1 | 7.7 | 7.4 | 7.4 |
| 127.5° | 8.5 | 8.5 | 8.5 | 9.7 | 10.7 | 11.3 | 9.9 | 7.4 | 6.4 | 6.4 | 6.7 |
| 130° | 7.7 | 7.7 | 7.7 | 7.9 | 8.8 | 9.1 | 7.9 | 6.1 | 5.6 | 5.6 | 5.6 |
| 132.5° | 7.0 | 7.0 | 6.7 | 7.0 | 7.2 | 7.2 | 6.1 | 5.0 | 4.8 | 4.8 | 5.0 |
| 135° | 6.1 | 6.1 | 5.9 | 5.9 | 5.9 | 5.6 | 4.8 | 4.1 | 4.1 | 4.1 | 4.3 |
| 137.5° | 5.4 | 5.4 | 5.0 | 4.8 | 4.6 | 4.1 | 3.5 | 3.2 | 3.2 | 3.2 | 3.5 |
| 140° | 4.6 | 4.6 | 4.3 | 3.8 | 3.2 | 2.9 | 2.4 | 2.4 | 2.6 | 2.6 | 2.6 |
| 142.5° | 3.5 | 3.5 | 3.2 | 2.9 | 2.4 | 1.8 | 1.6 | 1.6 | 1.8 | 1.8 | 2.1 |
| 145° | 2.6 | 2.6 | 2.4 | 1.8 | 1.3 | 1.1 | 0.8 | 1.1 | 1.3 | 1.3 | 1.6 |
| 147.5° | 1.8 | 1.8 | 1.6 | 1.3 | 0.8 | 0.2 | 0.5 | 0.8 | 1.1 | 1.1 | 1.3 |
| 150° | 1.1 | 1.1 | 0.8 | 0.5 | 0.0 | 0.0 | 0.2 | 0.5 | 0.8 | 0.8 | 0.8 |
| 152.5° | 0.2 | 0.2 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.5 | 0.5 | 0.5 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.2 | 0.2 | 0.5 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.2 | 0.2 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 |
| 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-AF24-20-D-U-T4W-FL-7030

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 |
| 2.5° | 69.2 | 68.7 | 67.5 | 66.7 | 65.7 | 65.1 | 64.6 | 64.0 | 63.8 | 63.3 | 63.3 |
| 5° | 71.6 | 70.7 | 68.9 | 67.2 | 65.3 | 64.0 | 62.8 | 62.0 | 61.4 | 61.0 | 61.0 |
| 7.5° | 76.1 | 74.8 | 71.8 | 69.4 | 66.7 | 65.1 | 63.5 | 62.0 | 61.0 | 60.8 | 60.8 |
| 10° | 82.5 | 80.9 | 76.8 | 73.4 | 69.9 | 67.5 | 65.9 | 64.0 | 63.3 | 62.8 | 62.8 |
| 12.5° | 91.8 | 89.1 | 84.3 | 79.2 | 74.8 | 71.8 | 69.6 | 68.3 | 68.3 | 68.9 | 68.7 |
| 15° | 103.6 | 100.6 | 93.6 | 87.3 | 81.2 | 77.1 | 75.8 | 75.5 | 75.5 | 75.8 | 75.8 |
| 17.5° | 116.4 | 112.3 | 104.4 | 96.0 | 88.8 | 84.9 | 83.2 | 82.7 | 82.7 | 83.0 | 83.5 |
| 20° | 131.8 | 126.7 | 116.6 | 106.0 | 98.3 | 93.4 | 91.0 | 90.2 | 90.6 | 91.8 | 91.8 |
| 22.5° | 149.6 | 144.1 | 130.4 | 116.9 | 107.8 | 101.7 | 98.8 | 97.9 | 99.0 | 100.3 | 100.6 |
| 25° | 170.2 | 162.8 | 145.8 | 128.9 | 117.1 | 109.4 | 106.5 | 105.4 | 107.0 | 108.6 | 109.4 |
| 27.5° | 193.0 | 183.3 | 162.2 | 141.0 | 125.4 | 116.1 | 112.9 | 112.6 | 114.7 | 116.9 | 117.7 |
| 30° | 218.0 | 206.3 | 179.8 | 153.4 | 134.0 | 122.0 | 118.4 | 119.3 | 121.8 | 124.3 | 124.9 |
| 32.5° | 245.8 | 231.8 | 198.3 | 165.7 | 140.6 | 126.5 | 122.5 | 124.3 | 127.3 | 130.8 | 131.3 |
| 35° | 275.9 | 259.2 | 217.8 | 177.2 | 146.5 | 129.9 | 125.9 | 128.4 | 131.5 | 135.3 | 135.8 |
| 37.5° | 308.7 | 288.2 | 237.2 | 187.4 | 151.0 | 132.1 | 127.9 | 130.8 | 134.5 | 138.0 | 138.5 |
| 40° | 343.0 | 318.4 | 256.8 | 196.4 | 154.3 | 133.4 | 128.6 | 131.8 | 135.6 | 138.2 | 138.8 |
| 42.5° | 381.7 | 350.9 | 275.7 | 203.7 | 156.1 | 133.8 | 128.6 | 131.5 | 135.3 | 137.1 | 137.4 |
| 45° | 422.8 | 385.3 | 294.4 | 209.4 | 156.9 | 133.4 | 127.9 | 131.0 | 134.0 | 134.7 | 135.1 |
| 47.5° | 465.5 | 420.5 | 311.2 | 212.9 | 156.9 | 132.3 | 126.7 | 129.2 | 131.5 | 131.3 | 131.5 |
| 50° | 512.9 | 457.4 | 326.9 | 215.1 | 155.8 | 131.0 | 125.6 | 127.5 | 129.2 | 127.9 | 128.1 |
| 52.5° | 557.8 | 494.0 | 339.7 | 215.9 | 153.9 | 129.5 | 124.7 | 126.2 | 127.1 | 125.2 | 125.2 |
| 55° | 602.3 | 528.4 | 350.0 | 214.2 | 151.6 | 128.1 | 123.8 | 125.4 | 125.4 | 123.0 | 123.0 |
| 57.5° | 643.6 | 557.8 | 355.9 | 211.1 | 148.6 | 127.1 | 123.3 | 124.9 | 124.9 | 121.8 | 121.8 |
| 60° | 675.7 | 578.8 | 356.3 | 206.1 | 145.2 | 125.6 | 123.0 | 124.9 | 124.7 | 121.4 | 121.2 |
| 62.5° | 695.2 | 588.2 | 350.0 | 198.9 | 141.7 | 124.3 | 122.8 | 124.7 | 124.7 | 121.2 | 120.8 |
| 65° | 695.2 | 582.1 | 336.7 | 190.2 | 137.6 | 122.8 | 122.3 | 124.7 | 124.1 | 120.8 | 120.4 |
| 66° | 689.9 | 575.4 | 329.5 | 186.5 | 136.3 | 122.3 | 122.0 | 124.7 | 124.1 | 120.8 | 120.0 |
| 67.5° | 675.1 | 559.3 | 317.8 | 180.4 | 133.2 | 120.8 | 121.4 | 123.8 | 123.6 | 120.0 | 119.5 |
| 70° | 632.5 | 518.0 | 292.5 | 169.5 | 128.4 | 118.4 | 119.8 | 122.0 | 121.8 | 118.4 | 117.5 |
| 72.5° | 569.8 | 463.6 | 263.7 | 157.7 | 123.0 | 115.3 | 116.9 | 119.0 | 118.4 | 115.9 | 114.7 |
| 75° | 495.8 | 401.8 | 232.4 | 145.2 | 116.6 | 111.0 | 112.9 | 114.7 | 114.1 | 111.8 | 110.3 |
| 77.5° | 416.1 | 338.3 | 201.5 | 132.1 | 110.0 | 105.7 | 107.5 | 109.4 | 108.3 | 106.2 | 105.1 |
| 80° | 337.8 | 277.0 | 172.1 | 119.0 | 102.1 | 99.5 | 101.4 | 101.9 | 101.2 | 99.3 | 97.9 |
| 82.5° | 269.6 | 222.8 | 144.3 | 106.2 | 94.0 | 92.4 | 93.6 | 93.6 | 92.9 | 91.0 | 89.7 |
| 85° | 211.6 | 177.8 | 121.4 | 93.4 | 85.7 | 84.5 | 85.4 | 84.5 | 83.5 | 81.6 | 80.7 |
| 87.5° | 166.8 | 142.5 | 101.7 | 82.2 | 76.6 | 76.4 | 76.6 | 74.8 | 73.6 | 72.0 | 71.0 |
| 90° | 130.2 | 111.8 | 84.9 | 71.6 | 68.3 | 68.1 | 67.5 | 65.7 | 63.3 | 61.6 | 60.8 |
| 92.5° | 101.7 | 89.9 | 70.2 | 61.0 | 59.5 | 59.2 | 58.5 | 56.0 | 54.4 | 52.3 | 51.5 |
| 95° | 80.7 | 71.8 | 58.1 | 52.9 | 52.0 | 51.8 | 50.7 | 48.1 | 45.9 | 43.8 | 43.2 |
| 97.5° | 63.3 | 56.9 | 48.6 | 45.4 | 45.2 | 44.8 | 43.4 | 40.5 | 38.1 | 36.0 | 35.7 |
| 100° | 49.6 | 45.7 | 40.5 | 39.0 | 39.0 | 38.7 | 37.3 | 34.4 | 31.4 | 29.4 | 29.1 |
| 102.5° | 39.5 | 36.8 | 33.9 | 33.4 | 33.4 | 33.1 | 31.8 | 29.4 | 25.9 | 23.5 | 23.5 |
| 105° | 31.4 | 29.9 | 28.3 | 28.5 | 28.9 | 28.5 | 27.2 | 24.2 | 20.9 | 18.9 | 18.9 |
| 107.5° | 25.3 | 24.2 | 23.7 | 24.2 | 24.6 | 24.6 | 23.2 | 20.0 | 16.8 | 15.2 | 15.2 |



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CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 110° | 20.5 | 20.0 | 20.0 | 20.5 | 21.1 | 21.1 | 19.4 | 16.8 | 13.6 | 12.2 | 12.2 |
| 112.5° | 16.8 | 16.5 | 16.8 | 17.9 | 18.1 | 17.9 | 16.5 | 13.8 | 10.9 | 10.2 | 10.2 |
| 115° | 14.1 | 14.1 | 14.4 | 15.2 | 15.8 | 15.2 | 13.8 | 11.3 | 8.8 | 8.3 | 8.3 |
| 117.5° | 12.0 | 12.0 | 12.2 | 13.1 | 13.3 | 12.8 | 11.5 | 9.1 | 7.2 | 7.0 | 7.0 |
| 120° | 10.2 | 10.2 | 10.4 | 10.9 | 11.3 | 10.7 | 9.3 | 7.4 | 5.9 | 5.6 | 5.9 |
| 122.5° | 8.8 | 8.8 | 9.1 | 9.3 | 9.7 | 9.1 | 7.7 | 5.9 | 4.8 | 4.8 | 4.8 |
| 125° | 7.7 | 7.7 | 7.7 | 7.9 | 7.9 | 7.4 | 6.4 | 4.8 | 3.8 | 4.1 | 4.1 |
| 127.5° | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.1 | 5.0 | 3.8 | 3.2 | 3.5 | 3.5 |
| 130° | 5.9 | 5.9 | 5.6 | 5.6 | 5.4 | 5.0 | 4.1 | 2.9 | 2.6 | 2.9 | 2.9 |
| 132.5° | 5.0 | 5.0 | 4.8 | 4.6 | 4.3 | 4.1 | 3.2 | 2.1 | 2.1 | 2.4 | 2.4 |
| 135° | 4.3 | 4.3 | 4.1 | 3.8 | 3.5 | 2.9 | 2.1 | 1.6 | 1.6 | 1.8 | 1.8 |
| 137.5° | 3.5 | 3.5 | 3.2 | 2.9 | 2.4 | 2.1 | 1.6 | 1.1 | 1.3 | 1.6 | 1.6 |
| 140° | 2.6 | 2.6 | 2.4 | 2.1 | 1.6 | 1.1 | 0.8 | 0.8 | 0.8 | 1.1 | 1.1 |
| 142.5° | 2.1 | 2.1 | 1.8 | 1.3 | 0.8 | 0.5 | 0.2 | 0.2 | 0.5 | 0.8 | 0.8 |
| 145° | 1.6 | 1.6 | 1.3 | 1.1 | 0.5 | 0.2 | 0.0 | 0.0 | 0.2 | 0.2 | 0.2 |
| 147.5° | 1.3 | 1.1 | 1.1 | 0.5 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 1.1 | 0.8 | 0.8 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.8 | 0.5 | 0.5 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 0.5 | 0.5 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.2 | 0.2 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.2 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.2 | 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)