

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: P417013

Luminaire Tested: **LXF.LXT-PA1-90-722-U-T2R-CL**

Issue Date: 10/26/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P417013  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1909-505-4)  
Test Lab: INNOVATION CENTER  
Issue Date: 10/26/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: LXF.LXT-PA1-90-722-U-T2R-CL  
Description: DECORATIVE POST TOP LUMINAIRE  
(1) 70 CRI, 2200K, 1180mA LIGHT ENGINE WITH 24 LEDS AND TYPE II ROADWAY OPTICS AND CLEAR LENS PANELS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 7017 lumens  
Efficiency: N/A  
Efficacy: 74.6 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

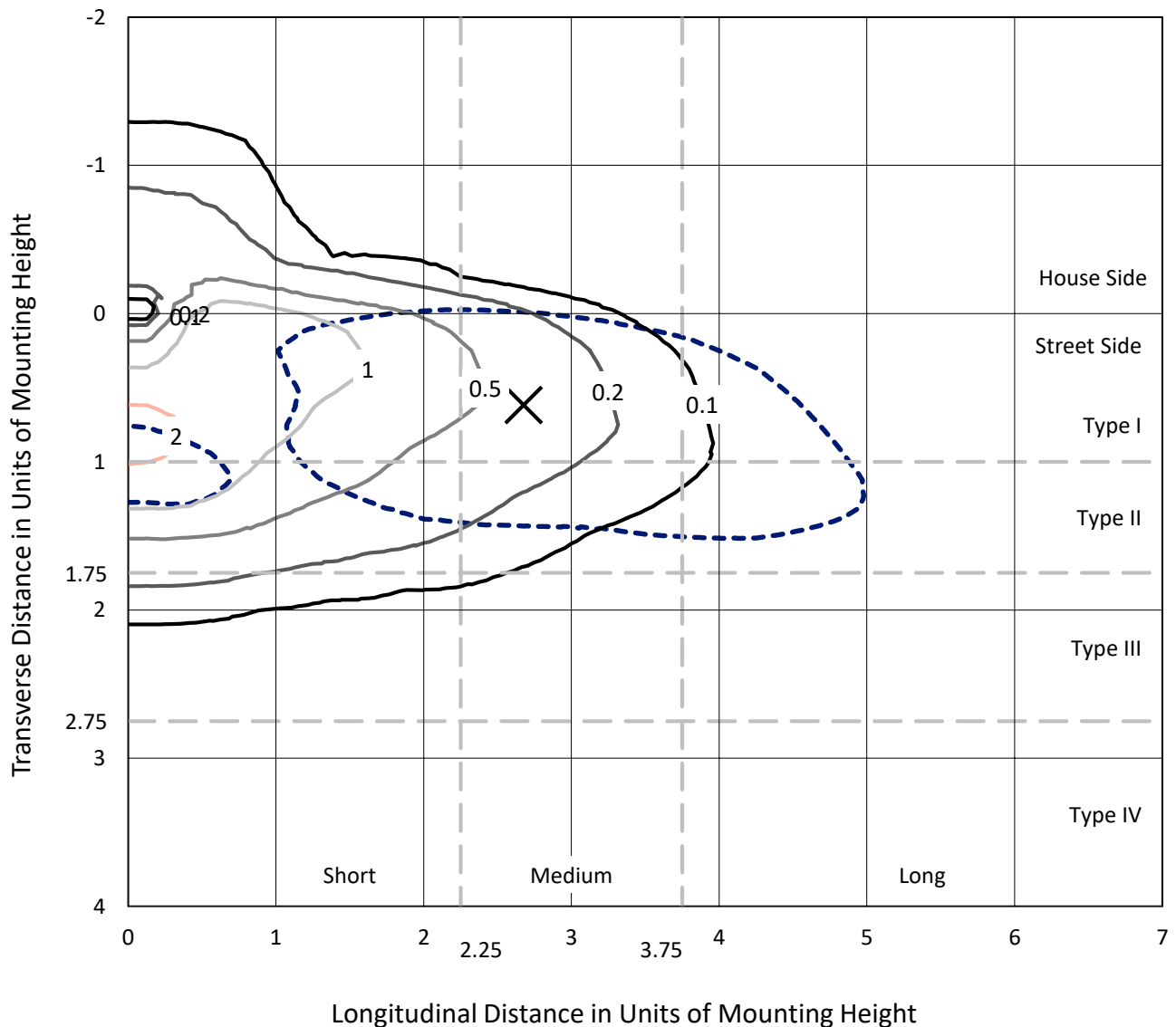
Input Watts (W): 94  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

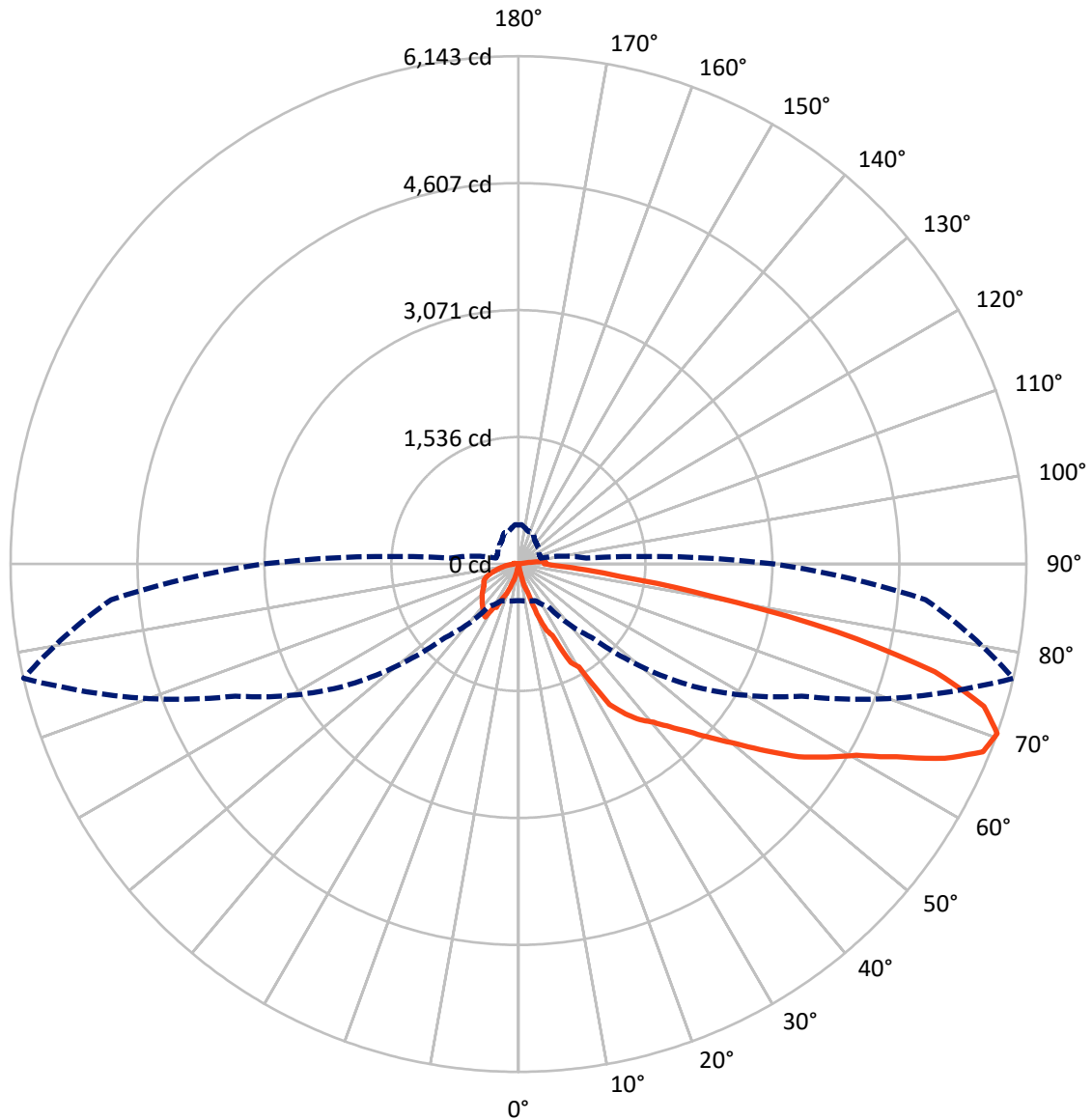


Based on 25 foot mounting height. Maximum calculated value = 2.5 fc  
 Type II - Medium - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 77-Deg Lateral      - - - Horizontal Cone Through 70-Deg Vertical



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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1186.8   | 52.0   | 1238.9 |
|                    | % Fixture | 16.9     | 0.7    | 17.7   |
| <b>Street Side</b> | Lumens    | 5713.3   | 64.8   | 5778.1 |
|                    | % Fixture | 81.4     | 0.9    | 82.3   |
| <b>Total</b>       | Lumens    | 6900.1   | 116.9  | 7017.0 |
|                    | % Fixture | 98.3     | 1.7    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 5.7    | 0.1       |
| 10°-20°   | 83.5   | 1.2       |
| 20°-30°   | 330.7  | 4.7       |
| 30°-40°   | 798.6  | 11.4      |
| 40°-50°   | 1291.7 | 18.4      |
| 50°-60°   | 1544.9 | 22.0      |
| 60°-70°   | 1510.8 | 21.5      |
| 70°-80°   | 1044.4 | 14.9      |
| 80°-90°   | 289.8  | 4.1       |
| 90°-100°  | 76.3   | 1.1       |
| 100°-110° | 15.6   | 0.2       |
| 110°-120° | 8.3    | 0.1       |
| 120°-130° | 6.7    | 0.1       |
| 130°-140° | 4.6    | 0.1       |
| 140°-150° | 3.8    | 0.1       |
| 150°-160° | 1.6    | 0.0       |
| 160°-170° | 0.1    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 6900.1 | 98.3      |
| 0°-180°   | 7017.0 | 100.0     |

**Coefficient of Utilization**



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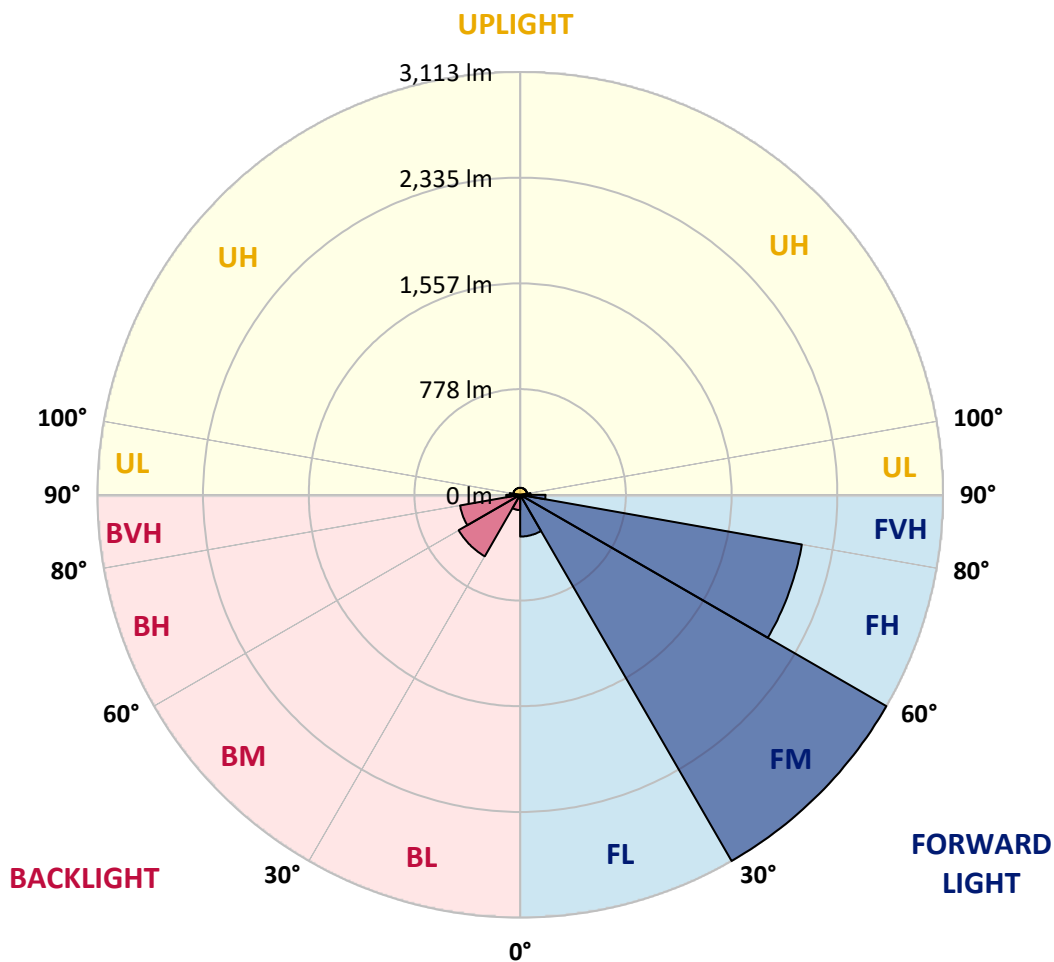
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |        |         |
|------|-------------|--------|-----------|-------------------------|--------|---------|
|      |             |        |           | B                       | U      | G       |
| FL   | (0°-30°)    | 307.5  | 4.4       |                         |        |         |
| FM   | (30°-60°)   | 3113.2 | 44.4      |                         |        |         |
| FH   | (60°-80°)   | 2105.9 | 30.0      |                         |        | G2/5000 |
| FVH  | (80°-90°)   | 186.7  | 2.7       |                         |        | G2/225  |
| BL   | (0°-30°)    | 112.4  | 1.6       | B1/500                  |        |         |
| BM   | (30°-60°)   | 522.0  | 7.4       | B1/1000                 |        |         |
| BH   | (60°-80°)   | 449.3  | 6.4       | B1/500                  |        | G1/500  |
| BVH  | (80°-90°)   | 103.1  | 1.5       |                         |        | G2/225  |
| UL   | (90°-100°)  | 76.3   | 1.1       |                         | U3/500 |         |
| UH   | (100°-180°) | 52.0   | 0.7       |                         | 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°    | 77°    | 85°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 5.5    | 5.5    | 5.5    | 5.5    | 5.5    | 5.5    | 5.5    | 5.5    | 5.5    | 5.5    | 5.5    |
| 2.5°   | 8.7    | 7.9    | 7.9    | 8.7    | 10.3   | 9.5    | 7.1    | 5.5    | 4.8    | 4.8    | 4.8    |
| 5°     | 172.0  | 166.4  | 162.5  | 114.9  | 25.4   | 15.1   | 9.5    | 7.1    | 5.5    | 5.5    | 4.8    |
| 7.5°   | 205.3  | 202.1  | 200.5  | 195.0  | 188.6  | 175.9  | 31.7   | 10.3   | 6.3    | 6.3    | 5.5    |
| 10°    | 232.2  | 229.8  | 226.7  | 223.5  | 214.8  | 206.1  | 188.6  | 26.2   | 10.3   | 10.3   | 8.7    |
| 12.5°  | 473.1  | 466.0  | 459.7  | 326.5  | 242.5  | 233.0  | 216.4  | 148.2  | 112.5  | 108.6  | 130.8  |
| 15°    | 485.8  | 485.8  | 485.8  | 489.8  | 482.6  | 259.9  | 354.2  | 443.8  | 293.2  | 283.7  | 293.2  |
| 17.5°  | 517.5  | 512.8  | 504.8  | 507.2  | 516.7  | 573.8  | 528.6  | 493.7  | 390.7  | 347.1  | 337.6  |
| 20°    | 774.3  | 770.3  | 772.7  | 716.4  | 550.8  | 722.8  | 718.0  | 556.3  | 634.8  | 643.5  | 626.9  |
| 22.5°  | 826.6  | 825.8  | 823.4  | 820.2  | 941.5  | 767.1  | 825.8  | 874.9  | 886.8  | 869.4  | 721.2  |
| 25°    | 1172.9 | 1164.2 | 1058.8 | 892.4  | 1008.9 | 923.3  | 1101.6 | 970.0  | 987.5  | 956.6  | 913.8  |
| 27.5°  | 1340.1 | 1321.9 | 1303.7 | 1253.7 | 1083.4 | 1233.9 | 1172.1 | 1279.1 | 1433.6 | 1351.2 | 1162.6 |
| 30°    | 1768.1 | 1778.4 | 1483.6 | 1466.9 | 1340.1 | 1308.4 | 1435.2 | 1503.4 | 1505.0 | 1444.7 | 1305.3 |
| 32.5°  | 2177.0 | 2149.3 | 2080.3 | 1783.9 | 1596.1 | 1465.3 | 1664.3 | 1600.9 | 1969.4 | 2026.4 | 1769.7 |
| 35°    | 2578.0 | 2524.1 | 2322.0 | 2120.7 | 1862.4 | 1806.1 | 1783.1 | 2004.2 | 2143.7 | 2225.4 | 1914.7 |
| 37.5°  | 3149.4 | 3110.6 | 2917.2 | 2391.0 | 2146.9 | 1944.0 | 2090.6 | 2133.4 | 2355.3 | 2390.2 | 2112.8 |
| 40°    | 3359.4 | 3333.3 | 3172.4 | 2759.5 | 2369.6 | 2169.9 | 2228.5 | 2288.8 | 2565.3 | 2517.0 | 2261.8 |
| 42.5°  | 3510.0 | 3500.5 | 3372.1 | 2952.1 | 2659.6 | 2394.2 | 2387.8 | 2418.7 | 2780.9 | 2692.1 | 2410.8 |
| 45°    | 3625.7 | 3612.2 | 3536.2 | 3075.7 | 2796.8 | 2532.8 | 2559.8 | 2578.8 | 2970.3 | 2892.6 | 2581.2 |
| 47.5°  | 3603.5 | 3609.1 | 3619.4 | 3229.5 | 2878.4 | 2668.4 | 2735.7 | 2716.7 | 3124.8 | 3143.1 | 2772.2 |
| 50°    | 3433.1 | 3444.2 | 3520.3 | 3291.3 | 2925.1 | 2779.3 | 2887.9 | 2870.5 | 3340.4 | 3416.5 | 2992.5 |
| 52.5°  | 2926.7 | 2944.9 | 3227.1 | 3195.4 | 2966.3 | 2866.5 | 3044.0 | 3048.0 | 3592.4 | 3754.1 | 3273.8 |
| 55°    | 2142.9 | 2211.9 | 2555.0 | 2877.6 | 2921.2 | 2894.2 | 3148.6 | 3273.0 | 3882.5 | 4115.5 | 3525.1 |
| 57.5°  | 1723.7 | 1709.4 | 1946.4 | 2416.3 | 2697.7 | 2860.2 | 3258.8 | 3473.6 | 4147.2 | 4405.5 | 3776.3 |
| 60°    | 1337.7 | 1342.5 | 1517.6 | 1854.5 | 2306.2 | 2776.1 | 3371.3 | 3654.2 | 4472.9 | 4697.2 | 4083.8 |
| 62.5°  | 996.2  | 1005.7 | 1132.5 | 1333.8 | 1859.2 | 2541.6 | 3406.2 | 3880.1 | 4925.4 | 5137.8 | 4455.5 |
| 65°    | 723.6  | 739.4  | 808.4  | 932.0  | 1343.3 | 2189.7 | 3300.0 | 4048.9 | 5427.1 | 5668.8 | 4852.5 |
| 67.5°  | 543.7  | 552.4  | 592.8  | 668.1  | 959.7  | 1738.0 | 3037.7 | 4038.6 | 5679.1 | 6059.5 | 5022.9 |
| 70°    | 442.2  | 446.2  | 461.2  | 488.2  | 630.0  | 1260.1 | 2577.2 | 3778.7 | 5733.0 | 6142.7 | 4943.6 |
| 72.5°  | 375.6  | 374.1  | 374.9  | 378.8  | 435.1  | 861.5  | 1990.8 | 3292.1 | 5526.9 | 5889.9 | 4586.2 |
| 75°    | 321.0  | 318.6  | 318.6  | 314.6  | 336.0  | 604.7  | 1371.0 | 2657.3 | 4979.3 | 5204.4 | 3863.5 |
| 77.5°  | 273.4  | 269.5  | 268.7  | 260.7  | 270.2  | 450.1  | 908.2  | 1978.9 | 3939.5 | 3943.5 | 2738.9 |
| 80°    | 233.0  | 225.9  | 222.7  | 217.1  | 228.2  | 343.2  | 592.8  | 1291.0 | 2410.0 | 2371.2 | 1520.0 |
| 82.5°  | 172.0  | 172.0  | 176.7  | 178.3  | 196.5  | 254.4  | 418.4  | 767.9  | 1315.6 | 1245.0 | 881.3  |
| 85°    | 99.1   | 107.8  | 127.6  | 130.0  | 150.6  | 168.8  | 314.6  | 454.9  | 736.2  | 710.1  | 451.7  |
| 87.5°  | 36.5   | 34.9   | 53.1   | 56.3   | 63.4   | 63.4   | 171.2  | 249.6  | 386.0  | 401.8  | 355.8  |
| 90°    | 30.1   | 30.1   | 20.6   | 19.0   | 24.6   | 41.2   | 115.7  | 175.1  | 290.1  | 311.5  | 336.0  |
| 92.5°  | 31.7   | 31.7   | 20.6   | 18.2   | 23.0   | 36.5   | 97.5   | 165.6  | 304.3  | 333.6  | 347.1  |
| 95°    | 30.1   | 30.9   | 18.2   | 16.6   | 21.4   | 30.9   | 72.9   | 141.9  | 292.4  | 320.2  | 339.2  |
| 97.5°  | 26.2   | 26.9   | 15.1   | 14.3   | 19.0   | 22.2   | 39.6   | 70.5   | 145.8  | 151.4  | 156.9  |
| 100°   | 21.4   | 21.4   | 11.1   | 11.9   | 15.1   | 15.1   | 20.6   | 37.2   | 35.7   | 29.3   | 25.4   |
| 102.5° | 18.2   | 19.8   | 10.3   | 9.5    | 11.1   | 9.5    | 9.5    | 14.3   | 21.4   | 18.2   | 24.6   |
| 105°   | 15.1   | 16.6   | 8.7    | 7.9    | 8.7    | 7.9    | 6.3    | 10.3   | 15.9   | 18.2   | 26.2   |
| 107.5° | 10.3   | 11.1   | 6.3    | 7.1    | 7.1    | 7.1    | 4.8    | 7.9    | 15.1   | 17.4   | 26.9   |
| 110°   | 7.1    | 7.1    | 4.8    | 6.3    | 6.3    | 7.1    | 4.8    | 7.9    | 11.9   | 13.5   | 21.4   |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°   | 5°   | 15°  | 25° | 35° | 45° | 55° | 65° | 75°  | 77°  | 85°  |
|--------|------|------|------|-----|-----|-----|-----|-----|------|------|------|
| 112.5° | 4.8  | 4.8  | 4.0  | 4.8 | 5.5 | 5.5 | 4.8 | 7.1 | 10.3 | 11.1 | 15.1 |
| 115°   | 4.0  | 4.0  | 3.2  | 4.0 | 4.8 | 4.8 | 4.0 | 6.3 | 10.3 | 11.9 | 15.9 |
| 117.5° | 4.8  | 4.0  | 3.2  | 4.0 | 4.8 | 4.0 | 4.0 | 5.5 | 10.3 | 11.9 | 15.9 |
| 120°   | 4.8  | 4.8  | 4.0  | 4.0 | 4.0 | 4.0 | 4.0 | 5.5 | 10.3 | 11.9 | 15.9 |
| 122.5° | 5.5  | 4.8  | 4.0  | 4.0 | 4.0 | 4.0 | 4.0 | 4.8 | 9.5  | 11.1 | 15.1 |
| 125°   | 5.5  | 5.5  | 4.0  | 4.0 | 4.8 | 4.0 | 4.0 | 4.8 | 9.5  | 10.3 | 14.3 |
| 127.5° | 6.3  | 5.5  | 4.8  | 4.0 | 4.8 | 4.0 | 4.0 | 4.8 | 8.7  | 9.5  | 12.7 |
| 130°   | 6.3  | 6.3  | 4.8  | 4.0 | 4.8 | 4.0 | 4.0 | 4.0 | 7.1  | 7.9  | 11.1 |
| 132.5° | 6.3  | 6.3  | 5.5  | 4.8 | 5.5 | 4.8 | 4.0 | 4.0 | 5.5  | 6.3  | 8.7  |
| 135°   | 7.1  | 6.3  | 6.3  | 5.5 | 6.3 | 5.5 | 4.0 | 4.0 | 4.0  | 4.8  | 6.3  |
| 137.5° | 7.1  | 7.1  | 7.1  | 6.3 | 7.1 | 5.5 | 4.0 | 4.0 | 4.0  | 4.0  | 4.8  |
| 140°   | 8.7  | 8.7  | 7.9  | 7.1 | 7.9 | 6.3 | 4.8 | 4.0 | 4.0  | 4.0  | 4.8  |
| 142.5° | 10.3 | 10.3 | 9.5  | 8.7 | 7.9 | 6.3 | 5.5 | 4.8 | 4.8  | 4.8  | 4.8  |
| 145°   | 11.9 | 11.1 | 11.1 | 9.5 | 7.9 | 6.3 | 5.5 | 5.5 | 5.5  | 5.5  | 5.5  |
| 147.5° | 11.9 | 11.9 | 11.1 | 8.7 | 7.1 | 4.8 | 4.8 | 6.3 | 6.3  | 6.3  | 6.3  |
| 150°   | 11.1 | 11.1 | 9.5  | 7.9 | 5.5 | 4.0 | 4.0 | 5.5 | 6.3  | 6.3  | 6.3  |
| 152.5° | 8.7  | 7.9  | 7.1  | 4.8 | 4.0 | 2.4 | 3.2 | 4.0 | 4.8  | 4.8  | 5.5  |
| 155°   | 5.5  | 4.8  | 4.0  | 3.2 | 3.2 | 2.4 | 2.4 | 3.2 | 3.2  | 3.2  | 4.0  |
| 157.5° | 2.4  | 2.4  | 1.6  | 1.6 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4  | 2.4  | 2.4  |
| 160°   | 0.8  | 0.8  | 0.8  | 0.8 | 2.4 | 2.4 | 2.4 | 1.6 | 1.6  | 1.6  | 1.6  |
| 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°     | 5.5    | 5.5    | 5.5   | 5.5   | 5.5   | 5.5   | 5.5   | 5.5   | 5.5   | 5.5   | 5.5   |
| 2.5°   | 4.8    | 4.8    | 4.8   | 4.8   | 4.8   | 4.0   | 4.8   | 5.5   | 6.3   | 6.3   | 6.3   |
| 5°     | 4.8    | 4.8    | 4.8   | 5.5   | 5.5   | 4.8   | 5.5   | 7.1   | 7.9   | 7.9   | 7.9   |
| 7.5°   | 5.5    | 4.8    | 5.5   | 6.3   | 6.3   | 6.3   | 27.7  | 80.0  | 88.8  | 90.3  | 91.9  |
| 10°    | 7.9    | 7.9    | 7.9   | 8.7   | 9.5   | 83.2  | 98.3  | 103.0 | 106.2 | 108.6 | 109.4 |
| 12.5°  | 120.5  | 105.4  | 65.8  | 17.4  | 84.0  | 103.0 | 108.6 | 116.5 | 120.5 | 125.2 | 123.6 |
| 15°    | 270.2  | 239.3  | 179.9 | 153.7 | 150.6 | 114.9 | 120.5 | 200.5 | 222.7 | 226.7 | 225.9 |
| 17.5°  | 305.9  | 263.1  | 200.5 | 214.0 | 222.7 | 172.8 | 202.9 | 224.3 | 228.2 | 232.2 | 231.4 |
| 20°    | 569.0  | 453.3  | 271.8 | 235.4 | 233.0 | 291.6 | 216.4 | 223.5 | 231.4 | 272.6 | 277.4 |
| 22.5°  | 631.6  | 521.5  | 355.8 | 344.7 | 281.3 | 296.4 | 282.1 | 286.1 | 310.7 | 310.7 | 309.1 |
| 25°    | 790.9  | 630.8  | 401.8 | 351.9 | 357.4 | 294.8 | 331.3 | 286.1 | 290.8 | 290.8 | 291.6 |
| 27.5°  | 1028.7 | 810.7  | 533.4 | 392.3 | 353.5 | 356.6 | 314.6 | 290.1 | 332.1 | 336.8 | 339.2 |
| 30°    | 1100.8 | 841.6  | 527.8 | 438.3 | 369.3 | 346.3 | 294.0 | 324.9 | 313.0 | 313.0 | 310.7 |
| 32.5°  | 1538.3 | 1148.3 | 657.0 | 428.7 | 378.8 | 321.8 | 325.7 | 305.9 | 300.4 | 324.9 | 324.9 |
| 35°    | 1624.6 | 1182.4 | 634.0 | 482.6 | 363.8 | 335.2 | 309.9 | 314.6 | 304.3 | 302.7 | 300.4 |
| 37.5°  | 1723.7 | 1206.2 | 582.5 | 453.3 | 384.4 | 321.8 | 320.2 | 308.3 | 294.8 | 313.8 | 317.0 |
| 40°    | 1818.0 | 1229.2 | 541.3 | 418.4 | 355.0 | 320.2 | 313.8 | 307.5 | 279.0 | 279.0 | 278.2 |
| 42.5°  | 1924.2 | 1244.2 | 504.0 | 390.7 | 326.5 | 321.0 | 303.5 | 283.7 | 264.7 | 270.2 | 268.7 |
| 45°    | 2034.4 | 1253.7 | 466.0 | 359.8 | 301.2 | 332.1 | 304.3 | 295.6 | 280.5 | 282.9 | 280.5 |
| 47.5°  | 2169.9 | 1269.6 | 432.7 | 329.7 | 285.3 | 304.3 | 287.7 | 283.7 | 292.4 | 284.5 | 289.3 |
| 50°    | 2314.1 | 1278.3 | 401.8 | 303.5 | 269.5 | 295.6 | 298.0 | 286.1 | 292.4 | 279.0 | 278.2 |
| 52.5°  | 2486.9 | 1286.2 | 368.5 | 286.1 | 267.1 | 294.0 | 312.2 | 299.6 | 288.5 | 271.0 | 269.5 |
| 55°    | 2639.0 | 1260.9 | 340.0 | 275.0 | 282.9 | 290.8 | 324.1 | 309.1 | 286.1 | 266.3 | 267.1 |
| 57.5°  | 2804.7 | 1228.4 | 317.0 | 270.2 | 279.8 | 285.3 | 340.8 | 322.5 | 296.4 | 297.2 | 298.0 |
| 60°    | 2975.9 | 1197.5 | 302.7 | 269.5 | 275.8 | 287.7 | 343.2 | 340.8 | 309.9 | 317.0 | 322.5 |
| 62.5°  | 3180.3 | 1172.9 | 300.4 | 275.0 | 290.1 | 300.4 | 345.5 | 370.1 | 343.2 | 346.3 | 347.9 |
| 65°    | 3340.4 | 1101.6 | 298.0 | 278.2 | 295.6 | 302.7 | 346.3 | 390.7 | 378.8 | 397.0 | 395.5 |
| 67.5°  | 3291.3 | 970.0  | 294.0 | 281.3 | 299.6 | 315.4 | 345.5 | 405.8 | 404.2 | 446.2 | 442.2 |
| 70°    | 3090.8 | 824.2  | 281.3 | 277.4 | 301.2 | 321.8 | 346.3 | 409.7 | 416.9 | 476.3 | 472.3 |
| 72.5°  | 2753.2 | 664.9  | 258.4 | 266.3 | 301.9 | 329.7 | 356.6 | 410.5 | 418.4 | 502.4 | 490.6 |
| 75°    | 2303.8 | 537.3  | 224.3 | 240.9 | 311.5 | 334.4 | 359.0 | 402.6 | 402.6 | 481.8 | 466.8 |
| 77.5°  | 1657.9 | 413.7  | 193.4 | 218.7 | 308.3 | 331.3 | 351.9 | 384.4 | 378.8 | 416.9 | 402.6 |
| 80°    | 966.1  | 305.1  | 164.8 | 214.8 | 289.3 | 324.9 | 332.1 | 339.2 | 313.0 | 321.8 | 313.0 |
| 82.5°  | 580.1  | 225.9  | 142.7 | 192.6 | 254.4 | 292.4 | 298.0 | 286.1 | 251.2 | 250.4 | 238.5 |
| 85°    | 347.9  | 154.5  | 104.6 | 149.0 | 200.5 | 244.1 | 250.4 | 217.1 | 184.7 | 203.7 | 182.3 |
| 87.5°  | 256.8  | 97.5   | 72.1  | 92.7  | 122.0 | 114.1 | 149.0 | 140.3 | 119.7 | 114.9 | 113.3 |
| 90°    | 231.4  | 74.5   | 59.4  | 75.3  | 82.4  | 70.5  | 76.1  | 76.1  | 61.8  | 61.0  | 57.9  |
| 92.5°  | 229.0  | 69.7   | 63.4  | 73.7  | 66.6  | 56.3  | 61.8  | 61.0  | 49.1  | 46.8  | 44.4  |
| 95°    | 214.0  | 62.6   | 63.4  | 66.6  | 58.6  | 46.0  | 49.9  | 46.8  | 34.9  | 32.5  | 30.1  |
| 97.5°  | 100.6  | 43.6   | 60.2  | 57.9  | 48.3  | 35.7  | 41.2  | 35.7  | 24.6  | 21.4  | 21.4  |
| 100°   | 23.8   | 37.2   | 51.5  | 52.3  | 38.8  | 26.9  | 28.5  | 23.0  | 15.9  | 13.5  | 13.5  |
| 102.5° | 23.8   | 16.6   | 31.7  | 41.2  | 23.8  | 11.1  | 15.9  | 15.1  | 11.9  | 11.9  | 12.7  |
| 105°   | 23.8   | 15.9   | 15.9  | 26.9  | 14.3  | 7.1   | 7.1   | 9.5   | 10.3  | 13.5  | 15.1  |
| 107.5° | 24.6   | 16.6   | 12.7  | 12.7  | 10.3  | 7.1   | 6.3   | 7.1   | 10.3  | 15.9  | 16.6  |
| 110°   | 20.6   | 15.1   | 11.9  | 11.1  | 10.3  | 7.1   | 5.5   | 7.1   | 10.3  | 17.4  | 19.0  |



REPORT NUMBER: P417013

CATALOG NUMBER: LXF.LXT-PA1-90-722-U-T2R-CL

**CANDELA DISTRIBUTION (continued):**

|        | 90°  | 95°  | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 15.1 | 13.5 | 10.3 | 10.3 | 8.7  | 7.1  | 5.5  | 6.3  | 11.1 | 19.0 | 20.6 |
| 115°   | 15.1 | 12.7 | 9.5  | 8.7  | 7.1  | 6.3  | 5.5  | 6.3  | 11.9 | 20.6 | 22.2 |
| 117.5° | 15.9 | 12.7 | 8.7  | 7.9  | 6.3  | 4.8  | 4.8  | 6.3  | 11.9 | 21.4 | 23.0 |
| 120°   | 15.9 | 12.7 | 8.7  | 7.9  | 6.3  | 4.8  | 4.8  | 7.1  | 12.7 | 20.6 | 22.2 |
| 122.5° | 15.1 | 12.7 | 8.7  | 7.9  | 6.3  | 4.0  | 4.8  | 6.3  | 11.9 | 19.8 | 21.4 |
| 125°   | 13.5 | 11.9 | 8.7  | 7.1  | 6.3  | 4.0  | 4.8  | 6.3  | 11.9 | 19.0 | 19.8 |
| 127.5° | 12.7 | 11.1 | 7.9  | 7.1  | 5.5  | 4.0  | 4.8  | 6.3  | 11.1 | 17.4 | 18.2 |
| 130°   | 11.1 | 10.3 | 7.1  | 6.3  | 5.5  | 4.0  | 4.8  | 6.3  | 11.1 | 15.9 | 16.6 |
| 132.5° | 8.7  | 7.9  | 6.3  | 5.5  | 5.5  | 4.0  | 4.8  | 5.5  | 8.7  | 13.5 | 14.3 |
| 135°   | 6.3  | 6.3  | 5.5  | 5.5  | 5.5  | 4.0  | 4.8  | 4.8  | 7.1  | 10.3 | 11.1 |
| 137.5° | 4.8  | 4.8  | 4.8  | 5.5  | 4.8  | 4.0  | 4.0  | 4.8  | 6.3  | 7.9  | 8.7  |
| 140°   | 4.8  | 4.8  | 4.8  | 5.5  | 4.8  | 4.0  | 4.0  | 4.8  | 5.5  | 6.3  | 7.1  |
| 142.5° | 4.8  | 4.8  | 4.8  | 5.5  | 4.8  | 3.2  | 4.0  | 4.8  | 5.5  | 6.3  | 6.3  |
| 145°   | 5.5  | 5.5  | 5.5  | 5.5  | 4.8  | 3.2  | 3.2  | 4.8  | 5.5  | 6.3  | 6.3  |
| 147.5° | 6.3  | 6.3  | 5.5  | 5.5  | 4.8  | 2.4  | 2.4  | 4.8  | 5.5  | 6.3  | 6.3  |
| 150°   | 6.3  | 6.3  | 5.5  | 5.5  | 4.0  | 2.4  | 2.4  | 4.0  | 5.5  | 5.5  | 5.5  |
| 152.5° | 4.8  | 4.8  | 4.8  | 4.8  | 4.0  | 1.6  | 1.6  | 3.2  | 4.8  | 4.8  | 4.8  |
| 155°   | 4.0  | 4.0  | 4.0  | 4.0  | 3.2  | 1.6  | 0.8  | 2.4  | 4.0  | 4.0  | 4.0  |
| 157.5° | 2.4  | 3.2  | 3.2  | 4.0  | 3.2  | 1.6  | 0.8  | 1.6  | 3.2  | 3.2  | 3.2  |
| 160°   | 1.6  | 2.4  | 2.4  | 3.2  | 3.2  | 1.6  | 0.8  | 1.6  | 2.4  | 2.4  | 2.4  |
| 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)