

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: P695419

Luminaire Tested: **LXF.LXT-PA16-50-740-U-T4W-TL**

Issue Date: 7/5/2023

Test Information

Test Method: LM-79-08
Report Number: P695419
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2306-062-25)
Test Lab: INNOVATION CENTER
Issue Date: 7/5/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: LXF.LXT-PA16-50-740-U-T4W-TL
Description: DECORATIVE POST TOP LUMINAIRE
(1) 70 CRI, 4000K, 980mA LIGHTSQUARE WITH 16 LEDS AND TYPE IV WIDE OPTICS
AND TEXTURED LENS PANELS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5693 lumens
Efficiency: N/A
Efficacy: 107.2 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 - G3

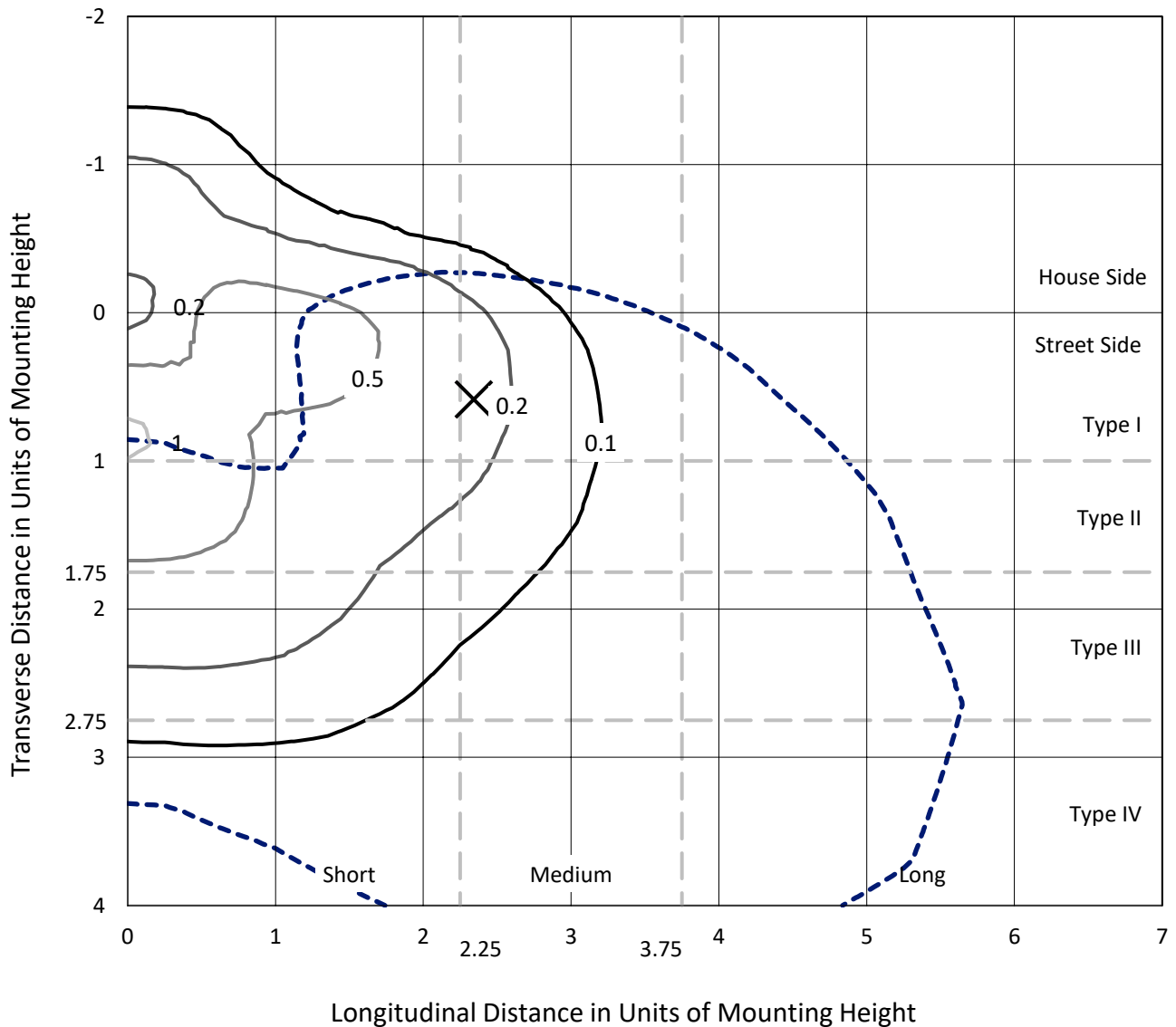
Input Watts (W): 53.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

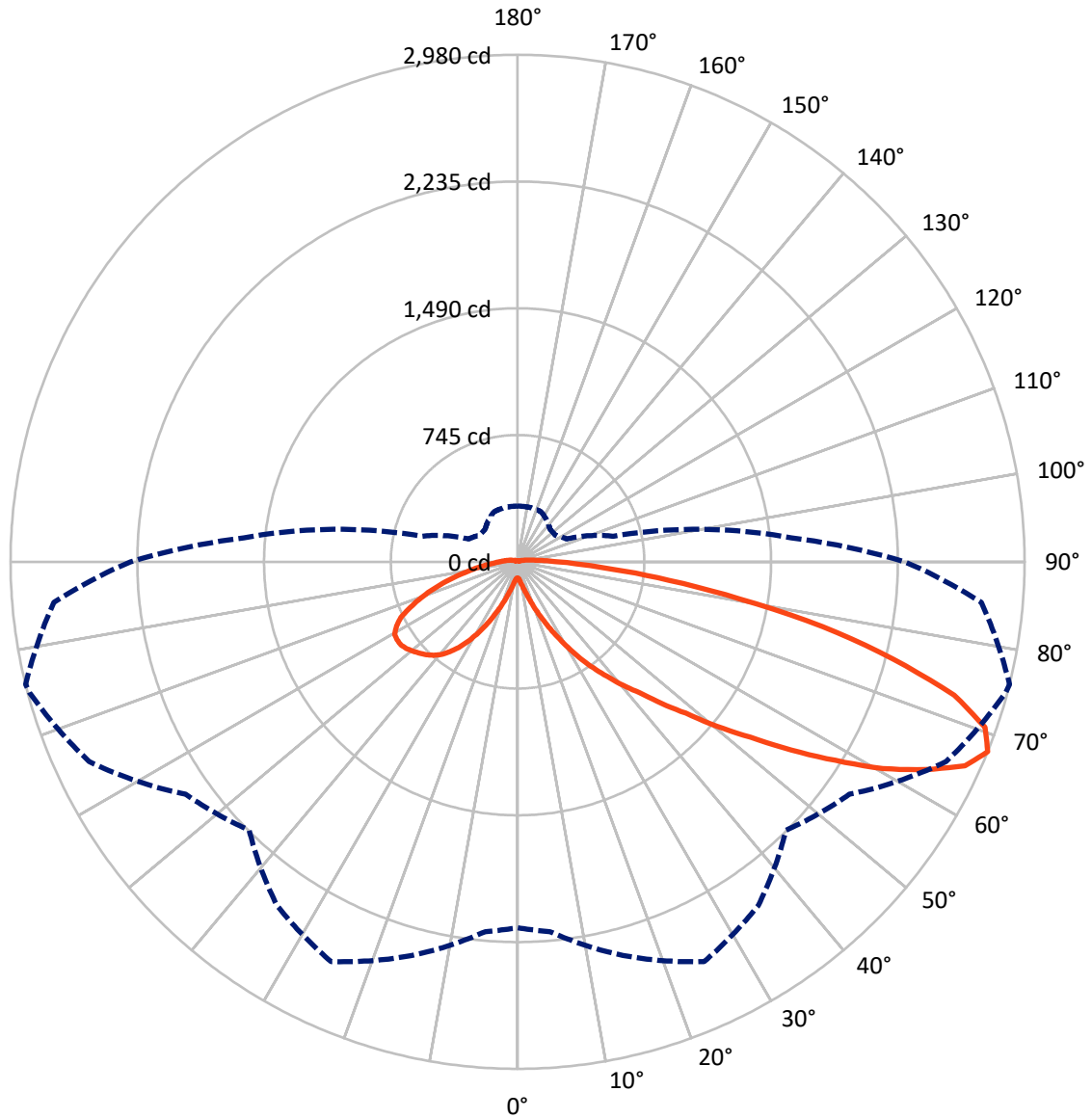
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 76-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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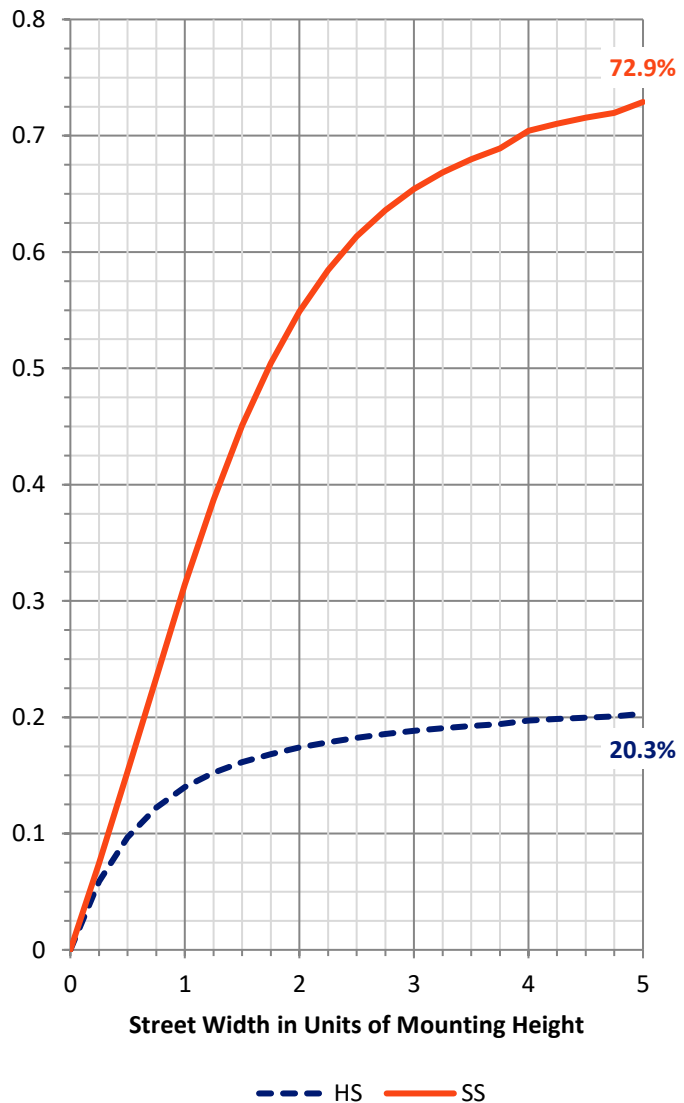
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1219.2 | 98.3 | 1317.5 |
| | % Fixture | 21.4 | 1.7 | 23.1 |
| Street Side | Lumens | 4276.1 | 99.4 | 4375.5 |
| | % Fixture | 75.1 | 1.7 | 76.9 |
| Total | Lumens | 5495.3 | 197.7 | 5693.0 |
| | % Fixture | 96.5 | 3.5 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 10.8 | 0.2 |
| 10°-20° | 56.2 | 1.0 |
| 20°-30° | 177.6 | 3.1 |
| 30°-40° | 396.0 | 7.0 |
| 40°-50° | 679.6 | 11.9 |
| 50°-60° | 1060.2 | 18.6 |
| 60°-70° | 1451.7 | 25.5 |
| 70°-80° | 1216.6 | 21.4 |
| 80°-90° | 446.4 | 7.8 |
| 90°-100° | 112.4 | 2.0 |
| 100°-110° | 42.8 | 0.8 |
| 110°-120° | 20.5 | 0.4 |
| 120°-130° | 11.5 | 0.2 |
| 130°-140° | 6.7 | 0.1 |
| 140°-150° | 3.4 | 0.1 |
| 150°-160° | 0.3 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-90° | 5495.3 | 96.5 |
| 0°-180° | 5693.0 | 100.0 |

Coefficient of Utilization



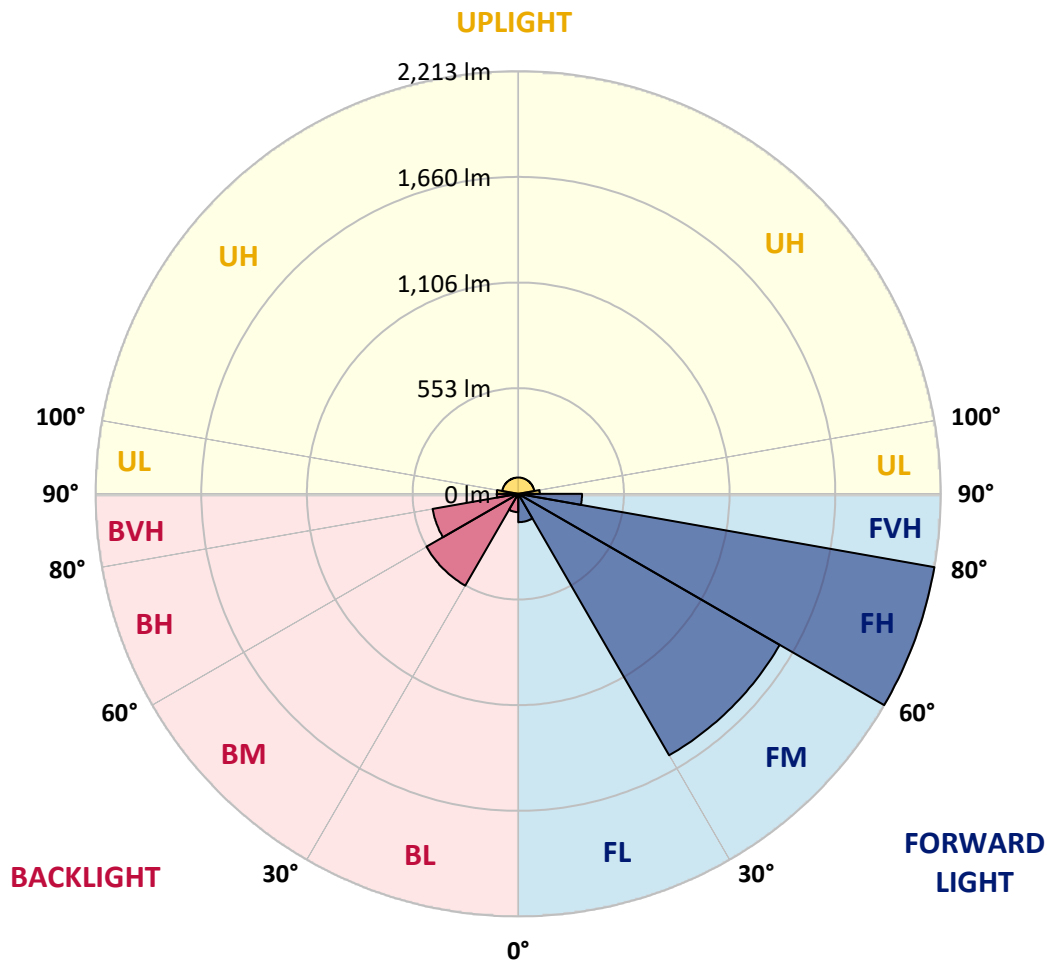
REPORT NUMBER: P695419
 CATALOG NUMBER: LXF.LXT-PA16-50-740-U-T4W-TL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|--------|---------|
| | | | B | U | G |
| FL (0°-30°) | 148.6 | 2.6 | | | |
| FM (30°-60°) | 1580.8 | 27.8 | | | |
| FH (60°-80°) | 2212.9 | 38.9 | | | G2/5000 |
| FVH (80°-90°) | 333.8 | 5.9 | | | G3/500 |
| BL (0°-30°) | 96.0 | 1.7 | B0/110 | | |
| BM (30°-60°) | 555.1 | 9.8 | B1/1000 | | |
| BH (60°-80°) | 455.4 | 8.0 | B1/500 | | G1/500 |
| BVH (80°-90°) | 112.7 | 2.0 | | | G2/225 |
| UL (90°-100°) | 112.4 | 2.0 | | U3/500 | |
| UH (100°-180°) | 85.2 | 1.5 | | U3/500 | |

BUG Rating: B1-U3-G3

Type IV Medium



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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 76° | 85° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| 2.5° | 100.8 | 100.8 | 100.8 | 100.8 | 102.9 | 100.8 | 100.8 | 98.8 | 98.8 | 96.7 | 96.7 |
| 5° | 115.2 | 115.2 | 115.2 | 115.2 | 115.2 | 113.2 | 111.1 | 109.1 | 107.0 | 105.0 | 105.0 |
| 7.5° | 135.8 | 135.8 | 135.8 | 133.8 | 131.7 | 129.6 | 127.6 | 123.5 | 119.4 | 119.4 | 115.2 |
| 10° | 164.6 | 164.6 | 164.6 | 162.6 | 156.4 | 152.3 | 148.2 | 142.0 | 139.9 | 137.9 | 133.8 |
| 12.5° | 203.7 | 203.7 | 199.6 | 195.5 | 187.3 | 181.1 | 174.9 | 168.7 | 166.7 | 164.6 | 158.5 |
| 15° | 253.1 | 251.1 | 246.9 | 234.6 | 226.4 | 216.1 | 209.9 | 203.7 | 197.6 | 197.6 | 195.5 |
| 17.5° | 312.8 | 310.7 | 300.5 | 284.0 | 271.6 | 255.2 | 246.9 | 242.8 | 242.8 | 240.8 | 236.7 |
| 20° | 384.8 | 384.8 | 370.4 | 345.7 | 321.0 | 300.5 | 294.3 | 292.2 | 292.2 | 294.3 | 288.1 |
| 22.5° | 477.4 | 475.4 | 454.8 | 413.6 | 378.7 | 351.9 | 345.7 | 345.7 | 351.9 | 351.9 | 349.8 |
| 25° | 580.3 | 578.3 | 541.2 | 496.0 | 440.4 | 411.6 | 397.2 | 407.5 | 421.9 | 423.9 | 426.0 |
| 27.5° | 705.9 | 697.6 | 654.4 | 584.4 | 512.4 | 467.1 | 456.9 | 473.3 | 502.1 | 500.1 | 504.2 |
| 30° | 835.5 | 831.4 | 771.7 | 685.3 | 588.6 | 526.8 | 518.6 | 549.5 | 582.4 | 584.4 | 594.7 |
| 32.5° | 987.8 | 965.2 | 909.6 | 794.3 | 666.8 | 590.6 | 578.3 | 623.5 | 672.9 | 677.0 | 687.3 |
| 35° | 1140.1 | 1138.0 | 1047.5 | 911.6 | 749.1 | 650.3 | 640.0 | 693.5 | 763.5 | 765.5 | 779.9 |
| 37.5° | 1294.4 | 1286.2 | 1199.8 | 1026.9 | 839.6 | 718.2 | 701.7 | 771.7 | 849.9 | 854.0 | 874.6 |
| 40° | 1457.0 | 1446.7 | 1354.1 | 1150.4 | 934.3 | 792.3 | 773.8 | 856.1 | 946.6 | 954.9 | 979.6 |
| 42.5° | 1599.0 | 1596.9 | 1508.4 | 1286.2 | 1026.9 | 864.3 | 852.0 | 940.5 | 1047.5 | 1051.6 | 1088.6 |
| 45° | 1755.4 | 1728.6 | 1646.3 | 1422.0 | 1142.1 | 952.8 | 940.5 | 1049.5 | 1170.9 | 1187.4 | 1218.3 |
| 47.5° | 1878.9 | 1866.5 | 1790.4 | 1570.2 | 1259.4 | 1049.5 | 1037.2 | 1166.8 | 1315.0 | 1329.4 | 1356.2 |
| 50° | 2004.4 | 1990.0 | 1922.1 | 1710.1 | 1387.0 | 1162.7 | 1160.7 | 1315.0 | 1496.1 | 1518.7 | 1547.5 |
| 52.5° | 2107.3 | 2099.1 | 2057.9 | 1860.3 | 1522.8 | 1275.9 | 1298.5 | 1489.9 | 1695.7 | 1712.2 | 1741.0 |
| 55° | 2204.0 | 2197.8 | 2189.6 | 2027.0 | 1685.4 | 1426.1 | 1444.6 | 1685.4 | 1922.1 | 1952.9 | 1998.2 |
| 57.5° | 2276.0 | 2286.3 | 2302.8 | 2189.6 | 1856.2 | 1576.3 | 1615.4 | 1924.1 | 2173.1 | 2201.9 | 2247.2 |
| 60° | 2325.4 | 2341.9 | 2401.6 | 2352.2 | 2035.3 | 1743.0 | 1825.4 | 2144.3 | 2434.5 | 2467.4 | 2490.1 |
| 62.5° | 2331.6 | 2358.3 | 2479.8 | 2490.1 | 2204.0 | 1918.0 | 2010.6 | 2378.9 | 2683.5 | 2689.7 | 2662.9 |
| 65° | 2284.3 | 2304.8 | 2475.6 | 2574.4 | 2354.2 | 2088.8 | 2214.3 | 2619.7 | 2874.9 | 2889.3 | 2765.8 |
| 67.5° | 2150.5 | 2181.4 | 2395.4 | 2592.9 | 2465.4 | 2230.8 | 2381.0 | 2778.2 | 2969.5 | 2979.8 | 2734.9 |
| 70° | 1901.5 | 1957.1 | 2212.2 | 2485.9 | 2488.0 | 2309.0 | 2490.1 | 2846.1 | 2926.3 | 2914.0 | 2549.7 |
| 72.5° | 1601.0 | 1615.4 | 1897.4 | 2263.7 | 2401.6 | 2306.9 | 2477.7 | 2763.7 | 2706.1 | 2683.5 | 2204.0 |
| 75° | 1170.9 | 1210.0 | 1473.5 | 1920.0 | 2195.8 | 2171.1 | 2331.6 | 2518.9 | 2321.3 | 2280.1 | 1796.5 |
| 77.5° | 792.3 | 833.4 | 1041.3 | 1473.5 | 1848.0 | 1928.2 | 2064.1 | 2119.6 | 1868.6 | 1833.6 | 1317.1 |
| 80° | 498.0 | 526.8 | 672.9 | 1028.9 | 1448.8 | 1574.3 | 1677.2 | 1642.2 | 1356.2 | 1323.2 | 936.3 |
| 82.5° | 277.8 | 292.2 | 411.6 | 670.9 | 1020.7 | 1197.7 | 1278.0 | 1191.5 | 934.3 | 897.2 | 607.1 |
| 85° | 146.1 | 164.6 | 232.5 | 407.5 | 681.2 | 852.0 | 915.8 | 788.2 | 574.2 | 561.8 | 378.7 |
| 87.5° | 80.3 | 88.5 | 133.8 | 244.9 | 421.9 | 578.3 | 607.1 | 496.0 | 356.0 | 339.6 | 240.8 |
| 90° | 49.4 | 53.5 | 78.2 | 146.1 | 261.4 | 362.2 | 380.7 | 310.7 | 222.3 | 218.1 | 160.5 |
| 92.5° | 32.9 | 35.0 | 53.5 | 94.7 | 164.6 | 232.5 | 244.9 | 193.4 | 146.1 | 142.0 | 115.2 |
| 95° | 24.7 | 26.8 | 41.2 | 67.9 | 113.2 | 158.5 | 156.4 | 131.7 | 98.8 | 96.7 | 84.4 |
| 97.5° | 20.6 | 22.6 | 35.0 | 53.5 | 82.3 | 107.0 | 107.0 | 86.4 | 72.0 | 72.0 | 65.9 |
| 100° | 18.5 | 18.5 | 28.8 | 43.2 | 61.7 | 78.2 | 78.2 | 63.8 | 53.5 | 53.5 | 49.4 |
| 102.5° | 16.5 | 16.5 | 24.7 | 37.0 | 49.4 | 61.7 | 59.7 | 49.4 | 41.2 | 41.2 | 39.1 |
| 105° | 14.4 | 14.4 | 22.6 | 30.9 | 41.2 | 49.4 | 47.3 | 39.1 | 32.9 | 30.9 | 28.8 |
| 107.5° | 12.3 | 12.3 | 18.5 | 26.8 | 37.0 | 41.2 | 39.1 | 32.9 | 24.7 | 24.7 | 22.6 |
| 110° | 12.3 | 12.3 | 16.5 | 24.7 | 30.9 | 35.0 | 32.9 | 26.8 | 20.6 | 20.6 | 18.5 |

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CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 76° | 85° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 10.3 | 10.3 | 14.4 | 20.6 | 26.8 | 30.9 | 28.8 | 22.6 | 16.5 | 16.5 | 16.5 |
| 115° | 10.3 | 10.3 | 12.3 | 18.5 | 22.6 | 26.8 | 24.7 | 18.5 | 14.4 | 14.4 | 14.4 |
| 117.5° | 10.3 | 10.3 | 12.3 | 16.5 | 20.6 | 22.6 | 20.6 | 16.5 | 12.3 | 12.3 | 12.3 |
| 120° | 8.2 | 8.2 | 10.3 | 14.4 | 18.5 | 20.6 | 18.5 | 14.4 | 10.3 | 10.3 | 12.3 |
| 122.5° | 8.2 | 8.2 | 10.3 | 12.3 | 16.5 | 18.5 | 16.5 | 12.3 | 10.3 | 10.3 | 10.3 |
| 125° | 8.2 | 8.2 | 10.3 | 12.3 | 14.4 | 16.5 | 14.4 | 10.3 | 10.3 | 10.3 | 10.3 |
| 127.5° | 8.2 | 8.2 | 8.2 | 10.3 | 12.3 | 14.4 | 12.3 | 10.3 | 8.2 | 8.2 | 10.3 |
| 130° | 8.2 | 8.2 | 8.2 | 10.3 | 12.3 | 12.3 | 10.3 | 8.2 | 8.2 | 8.2 | 10.3 |
| 132.5° | 8.2 | 8.2 | 8.2 | 8.2 | 10.3 | 10.3 | 10.3 | 8.2 | 8.2 | 8.2 | 8.2 |
| 135° | 8.2 | 8.2 | 8.2 | 8.2 | 10.3 | 10.3 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 |
| 137.5° | 8.2 | 6.2 | 6.2 | 8.2 | 8.2 | 8.2 | 8.2 | 6.2 | 6.2 | 6.2 | 8.2 |
| 140° | 6.2 | 6.2 | 6.2 | 6.2 | 8.2 | 8.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 |
| 142.5° | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 |
| 145° | 6.2 | 6.2 | 6.2 | 4.1 | 6.2 | 6.2 | 4.1 | 4.1 | 4.1 | 6.2 | 6.2 |
| 147.5° | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 150° | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 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° | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| 2.5° | 96.7 | 94.7 | 94.7 | 94.7 | 94.7 | 92.6 | 92.6 | 92.6 | 92.6 | 90.5 | 92.6 |
| 5° | 102.9 | 102.9 | 100.8 | 96.7 | 96.7 | 94.7 | 94.7 | 92.6 | 92.6 | 90.5 | 90.5 |
| 7.5° | 115.2 | 113.2 | 109.1 | 107.0 | 102.9 | 100.8 | 98.8 | 96.7 | 96.7 | 94.7 | 94.7 |
| 10° | 131.7 | 129.6 | 123.5 | 119.4 | 115.2 | 111.1 | 109.1 | 107.0 | 105.0 | 102.9 | 102.9 |
| 12.5° | 156.4 | 152.3 | 146.1 | 135.8 | 131.7 | 125.5 | 121.4 | 119.4 | 119.4 | 119.4 | 117.3 |
| 15° | 191.4 | 185.2 | 174.9 | 162.6 | 150.2 | 142.0 | 139.9 | 139.9 | 139.9 | 142.0 | 142.0 |
| 17.5° | 232.5 | 224.3 | 212.0 | 191.4 | 174.9 | 164.6 | 162.6 | 162.6 | 164.6 | 168.7 | 168.7 |
| 20° | 284.0 | 273.7 | 255.2 | 228.4 | 203.7 | 189.3 | 185.2 | 189.3 | 197.6 | 199.6 | 199.6 |
| 22.5° | 343.7 | 335.4 | 304.6 | 265.5 | 234.6 | 216.1 | 212.0 | 216.1 | 226.4 | 234.6 | 236.7 |
| 25° | 415.7 | 403.3 | 360.1 | 308.7 | 265.5 | 242.8 | 236.7 | 246.9 | 261.4 | 273.7 | 273.7 |
| 27.5° | 496.0 | 481.5 | 421.9 | 354.0 | 296.3 | 265.5 | 259.3 | 273.7 | 298.4 | 312.8 | 314.9 |
| 30° | 582.4 | 559.7 | 481.5 | 397.2 | 323.1 | 286.0 | 281.9 | 302.5 | 331.3 | 349.8 | 351.9 |
| 32.5° | 677.0 | 640.0 | 543.3 | 436.3 | 347.8 | 300.5 | 298.4 | 325.1 | 360.1 | 382.8 | 384.8 |
| 35° | 765.5 | 724.4 | 598.8 | 465.1 | 364.2 | 310.7 | 310.7 | 341.6 | 382.8 | 405.4 | 407.5 |
| 37.5° | 852.0 | 798.5 | 646.2 | 487.7 | 372.5 | 314.9 | 316.9 | 354.0 | 395.1 | 417.8 | 419.8 |
| 40° | 946.6 | 878.7 | 687.3 | 498.0 | 374.5 | 316.9 | 321.0 | 360.1 | 397.2 | 419.8 | 419.8 |
| 42.5° | 1045.4 | 963.1 | 714.1 | 498.0 | 370.4 | 314.9 | 319.0 | 358.1 | 393.1 | 409.5 | 411.6 |
| 45° | 1160.7 | 1053.6 | 732.6 | 489.8 | 362.2 | 308.7 | 314.9 | 354.0 | 380.7 | 388.9 | 391.0 |
| 47.5° | 1292.4 | 1148.3 | 747.0 | 477.4 | 351.9 | 302.5 | 310.7 | 343.7 | 366.3 | 366.3 | 366.3 |
| 50° | 1459.0 | 1255.3 | 759.4 | 456.9 | 339.6 | 296.3 | 304.6 | 335.4 | 347.8 | 343.7 | 343.7 |
| 52.5° | 1640.1 | 1372.6 | 767.6 | 436.3 | 327.2 | 288.1 | 298.4 | 327.2 | 333.4 | 323.1 | 323.1 |
| 55° | 1841.8 | 1510.5 | 767.6 | 415.7 | 314.9 | 281.9 | 294.3 | 319.0 | 321.0 | 310.7 | 306.6 |
| 57.5° | 2035.3 | 1619.6 | 757.3 | 393.1 | 302.5 | 275.8 | 290.2 | 314.9 | 314.9 | 304.6 | 302.5 |
| 60° | 2208.1 | 1720.4 | 740.8 | 372.5 | 294.3 | 271.6 | 290.2 | 312.8 | 312.8 | 304.6 | 304.6 |
| 62.5° | 2331.6 | 1753.3 | 699.7 | 354.0 | 286.0 | 271.6 | 292.2 | 314.9 | 316.9 | 312.8 | 310.7 |
| 65° | 2362.5 | 1736.9 | 652.4 | 333.4 | 277.8 | 269.6 | 296.3 | 321.0 | 323.1 | 321.0 | 321.0 |
| 67.5° | 2276.0 | 1615.4 | 580.3 | 316.9 | 271.6 | 269.6 | 298.4 | 325.1 | 327.2 | 327.2 | 327.2 |
| 70° | 2051.7 | 1434.4 | 514.5 | 298.4 | 265.5 | 267.5 | 302.5 | 329.3 | 329.3 | 329.3 | 329.3 |
| 72.5° | 1734.8 | 1203.9 | 446.6 | 281.9 | 255.2 | 263.4 | 302.5 | 327.2 | 327.2 | 325.1 | 325.1 |
| 75° | 1370.6 | 952.8 | 382.8 | 265.5 | 242.8 | 255.2 | 298.4 | 321.0 | 319.0 | 316.9 | 314.9 |
| 77.5° | 1014.5 | 707.9 | 321.0 | 242.8 | 228.4 | 244.9 | 286.0 | 306.6 | 304.6 | 302.5 | 298.4 |
| 80° | 699.7 | 493.9 | 267.5 | 220.2 | 209.9 | 228.4 | 267.5 | 286.0 | 284.0 | 279.9 | 279.9 |
| 82.5° | 454.8 | 339.6 | 216.1 | 193.4 | 189.3 | 209.9 | 246.9 | 261.4 | 257.2 | 253.1 | 251.1 |
| 85° | 294.3 | 230.5 | 172.9 | 164.6 | 168.7 | 187.3 | 216.1 | 228.4 | 226.4 | 222.3 | 218.1 |
| 87.5° | 193.4 | 164.6 | 135.8 | 135.8 | 144.1 | 164.6 | 185.2 | 191.4 | 189.3 | 189.3 | 185.2 |
| 90° | 135.8 | 123.5 | 111.1 | 113.2 | 123.5 | 142.0 | 152.3 | 154.3 | 152.3 | 154.3 | 150.2 |
| 92.5° | 100.8 | 94.7 | 90.5 | 94.7 | 105.0 | 119.4 | 125.5 | 121.4 | 123.5 | 123.5 | 121.4 |
| 95° | 78.2 | 76.1 | 76.1 | 80.3 | 90.5 | 100.8 | 102.9 | 96.7 | 100.8 | 100.8 | 98.8 |
| 97.5° | 61.7 | 61.7 | 63.8 | 67.9 | 76.1 | 84.4 | 84.4 | 80.3 | 82.3 | 82.3 | 82.3 |
| 100° | 49.4 | 49.4 | 53.5 | 57.6 | 65.9 | 72.0 | 70.0 | 65.9 | 67.9 | 65.9 | 63.8 |
| 102.5° | 39.1 | 41.2 | 45.3 | 49.4 | 55.6 | 59.7 | 59.7 | 55.6 | 55.6 | 53.5 | 53.5 |
| 105° | 30.9 | 32.9 | 37.0 | 43.2 | 47.3 | 51.4 | 51.4 | 47.3 | 43.2 | 41.2 | 41.2 |
| 107.5° | 24.7 | 26.8 | 30.9 | 35.0 | 41.2 | 43.2 | 43.2 | 39.1 | 35.0 | 30.9 | 30.9 |
| 110° | 20.6 | 22.6 | 26.8 | 30.9 | 35.0 | 37.0 | 37.0 | 32.9 | 28.8 | 24.7 | 24.7 |

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CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 18.5 | 18.5 | 22.6 | 26.8 | 28.8 | 30.9 | 30.9 | 28.8 | 22.6 | 20.6 | 20.6 |
| 115° | 14.4 | 16.5 | 18.5 | 22.6 | 24.7 | 26.8 | 26.8 | 22.6 | 18.5 | 16.5 | 16.5 |
| 117.5° | 14.4 | 14.4 | 16.5 | 20.6 | 22.6 | 24.7 | 22.6 | 20.6 | 16.5 | 14.4 | 14.4 |
| 120° | 12.3 | 14.4 | 16.5 | 16.5 | 20.6 | 20.6 | 20.6 | 16.5 | 14.4 | 14.4 | 14.4 |
| 122.5° | 12.3 | 12.3 | 14.4 | 16.5 | 16.5 | 18.5 | 18.5 | 14.4 | 12.3 | 12.3 | 12.3 |
| 125° | 10.3 | 12.3 | 12.3 | 14.4 | 16.5 | 16.5 | 16.5 | 12.3 | 12.3 | 12.3 | 12.3 |
| 127.5° | 10.3 | 10.3 | 12.3 | 12.3 | 14.4 | 14.4 | 14.4 | 12.3 | 10.3 | 10.3 | 10.3 |
| 130° | 10.3 | 10.3 | 10.3 | 10.3 | 12.3 | 12.3 | 12.3 | 10.3 | 10.3 | 10.3 | 10.3 |
| 132.5° | 10.3 | 10.3 | 10.3 | 10.3 | 10.3 | 10.3 | 10.3 | 10.3 | 8.2 | 10.3 | 10.3 |
| 135° | 8.2 | 8.2 | 8.2 | 8.2 | 10.3 | 10.3 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 |
| 137.5° | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 |
| 140° | 8.2 | 8.2 | 8.2 | 6.2 | 8.2 | 8.2 | 6.2 | 6.2 | 6.2 | 8.2 | 8.2 |
| 142.5° | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 |
| 145° | 6.2 | 6.2 | 6.2 | 4.1 | 4.1 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 |
| 147.5° | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 6.2 | 4.1 |
| 150° | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 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)