

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: P695441

Luminaire Tested: **LXF.LXT-PA16-50-750-U-T3-A**

Issue Date: 7/5/2023

Test Information

Test Method: LM-79-08
Report Number: P695441
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2306-062-17)
Test Lab: INNOVATION CENTER
Issue Date: 7/5/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: LXF.LXT-PA16-50-750-U-T3-A
Description: DECORATIVE POST TOP LUMINAIRE
(1) 70 CRI, 5000K, 980mA LIGHTSQUARE WITH 16 LEDS AND TYPE III OPTICS AND REFRACTOR PANELS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5680 lumens
Efficiency: N/A
Efficacy: 107.0 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 1.17' x L: 1.17' x H: 0.83')
IES Classification: Type III - Medium
BUG Rating: B1 - U3 - G3

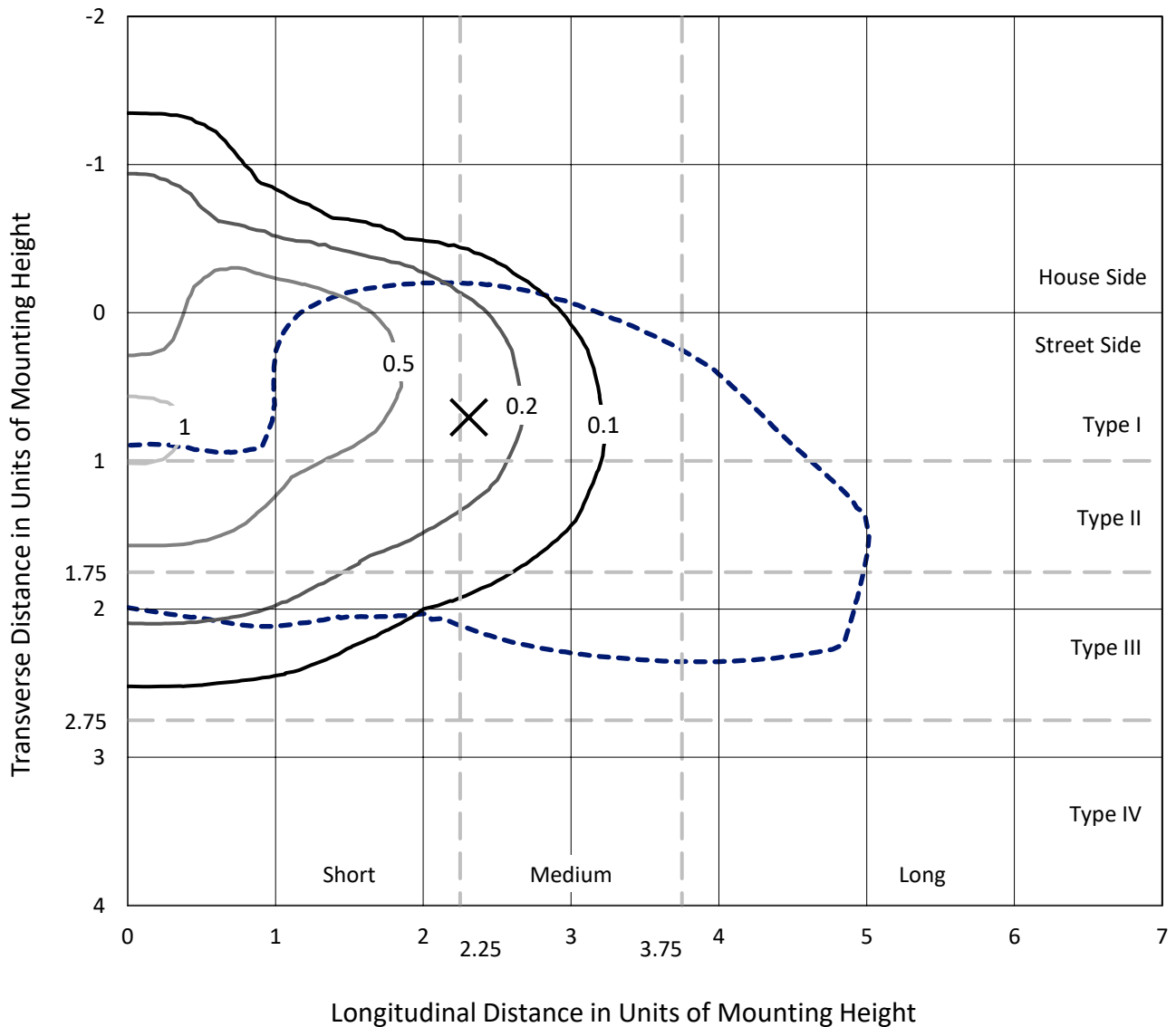
Input Watts (W): 53.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P695441
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Iso-Footcandle Lines of Horizontal Illumination

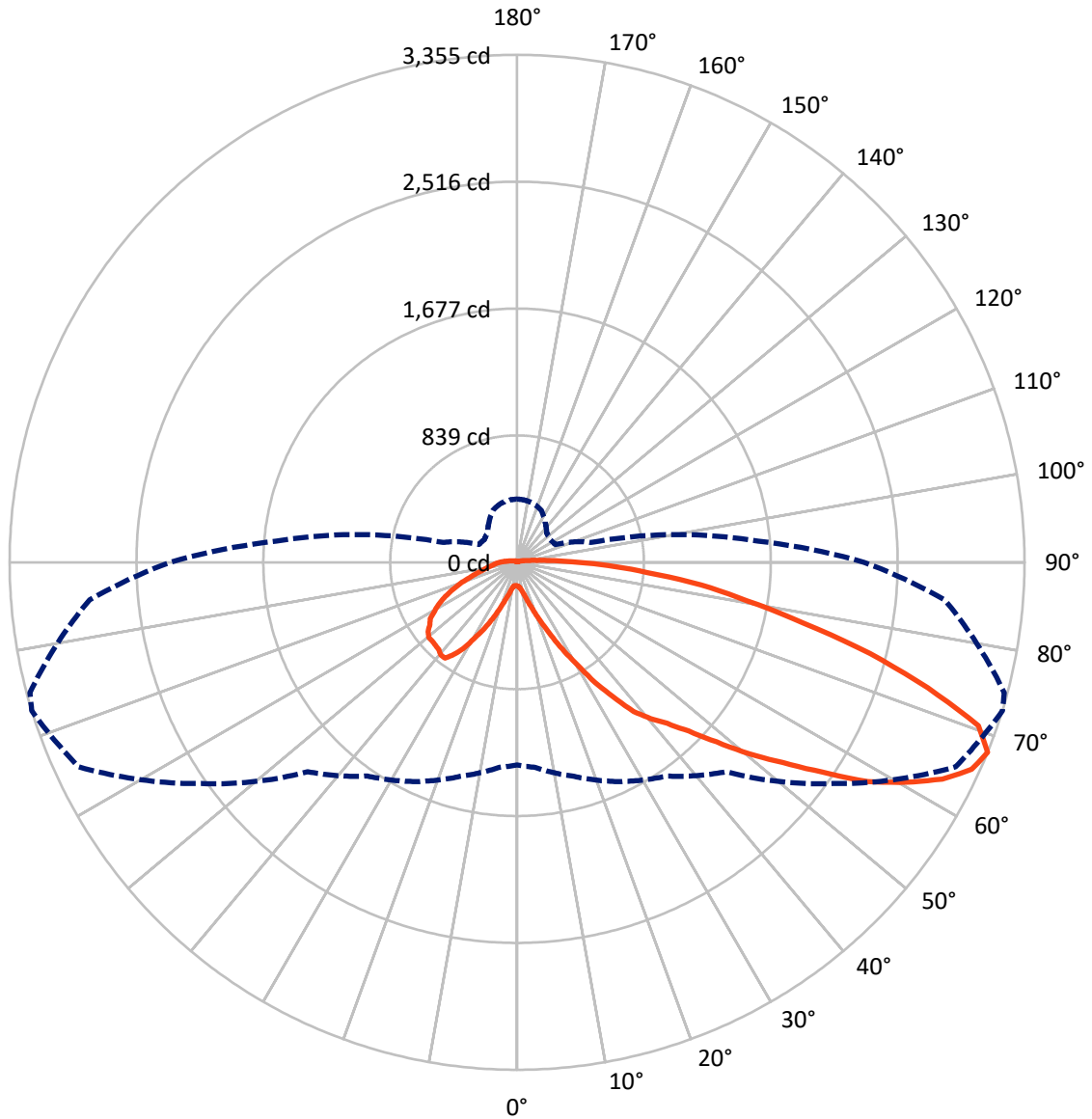
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.2 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 73-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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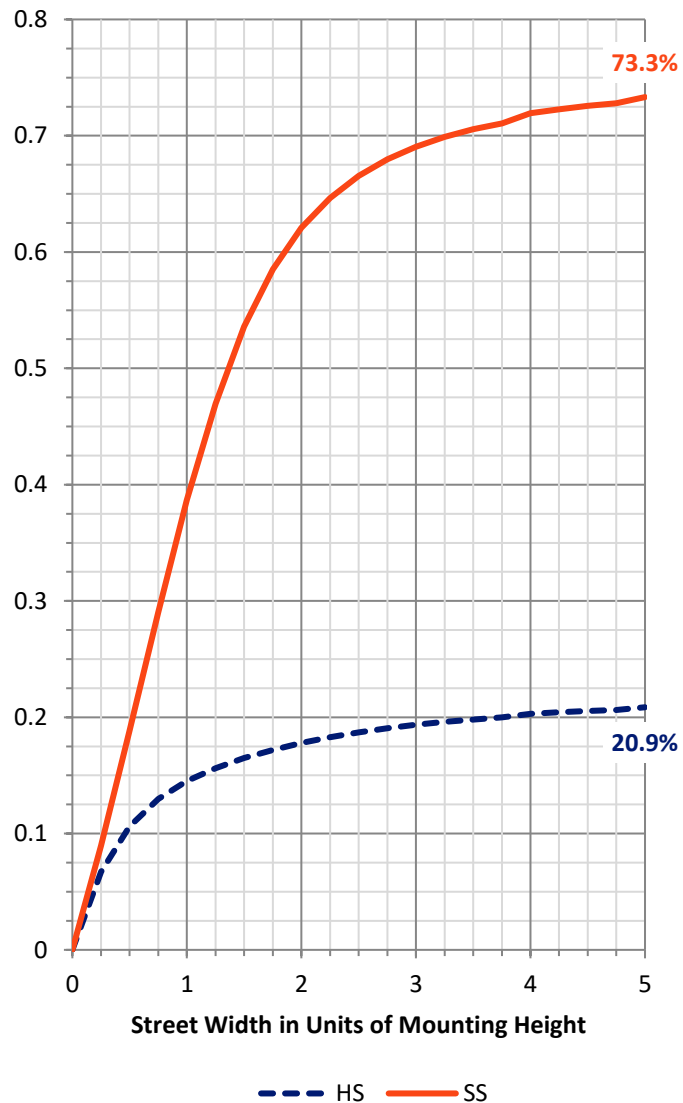
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1243.0 | 92.9 | 1335.9 |
| | % Fixture | 21.9 | 1.6 | 23.5 |
| Street Side | Lumens | 4249.0 | 95.1 | 4344.1 |
| | % Fixture | 74.8 | 1.7 | 76.5 |
| Total | Lumens | 5492.0 | 188.0 | 5680.0 |
| | % Fixture | 96.7 | 3.3 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 15.9 | 0.3 |
| 10°-20° | 69.8 | 1.2 |
| 20°-30° | 214.8 | 3.8 |
| 30°-40° | 494.7 | 8.7 |
| 40°-50° | 801.6 | 14.1 |
| 50°-60° | 1189.1 | 20.9 |
| 60°-70° | 1384.5 | 24.4 |
| 70°-80° | 951.0 | 16.7 |
| 80°-90° | 370.5 | 6.5 |
| 90°-100° | 105.1 | 1.9 |
| 100°-110° | 38.4 | 0.7 |
| 110°-120° | 19.8 | 0.3 |
| 120°-130° | 12.4 | 0.2 |
| 130°-140° | 8.2 | 0.1 |
| 140°-150° | 3.8 | 0.1 |
| 150°-160° | 0.3 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-90° | 5492.0 | 96.7 |
| 0°-180° | 5680.0 | 100.0 |

Coefficient of Utilization

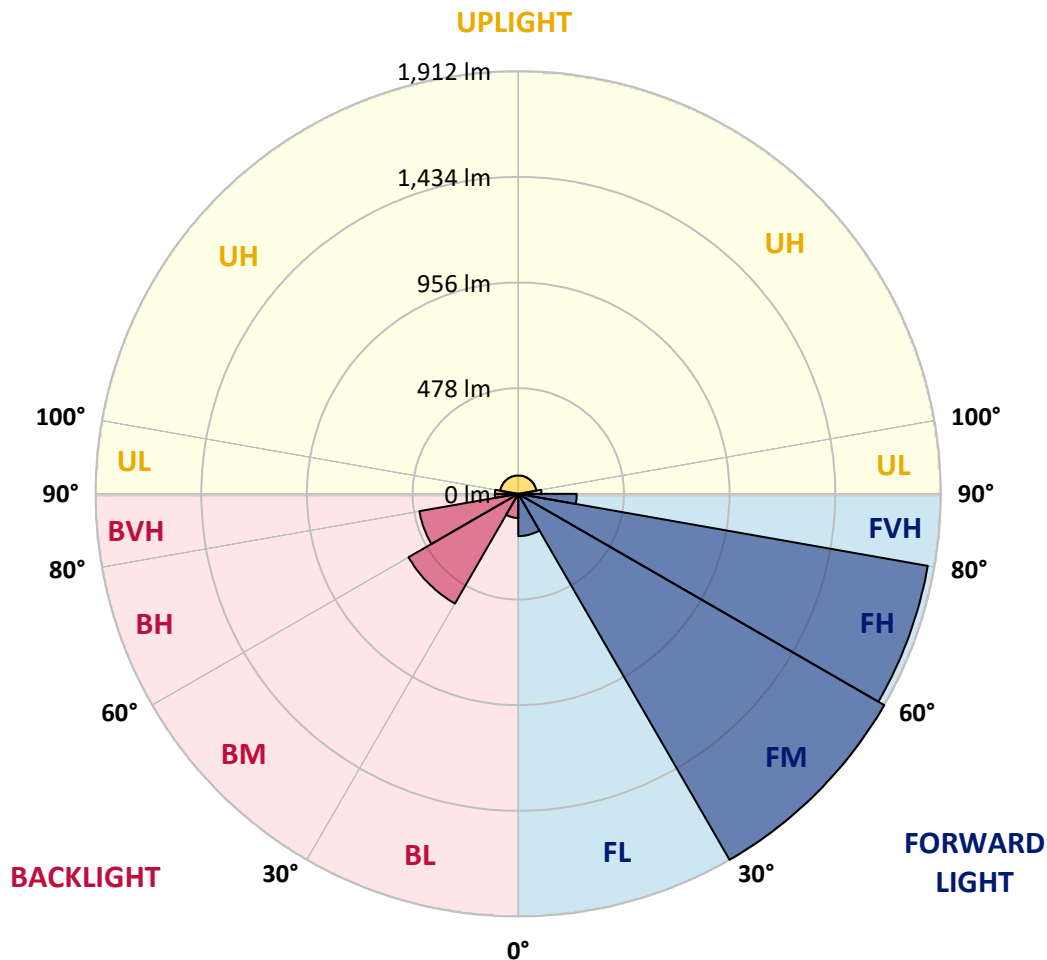


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|--------|---------|
| | | | B | U | G |
| FL (0°-30°) | 191.3 | 3.4 | | | |
| FM (30°-60°) | 1912.1 | 33.7 | | | |
| FH (60°-80°) | 1881.4 | 33.1 | | | G2/5000 |
| FVH (80°-90°) | 264.3 | 4.7 | | | G3/500 |
| BL (0°-30°) | 109.3 | 1.9 | B0/110 | | |
| BM (30°-60°) | 573.3 | 10.1 | B1/1000 | | |
| BH (60°-80°) | 454.2 | 8.0 | B1/500 | | G1/500 |
| BVH (80°-90°) | 106.2 | 1.9 | | | G2/225 |
| UL (90°-100°) | 105.1 | 1.9 | | U3/500 | |
| UH (100°-180°) | 82.8 | 1.5 | | U3/500 | |

BUG Rating: B1-U3-G3
 Type III Medium



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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 73° | 75° | 85° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 156.4 | 156.4 | 156.4 | 156.4 | 156.4 | 156.4 | 156.4 | 156.4 | 156.4 | 156.4 | 156.4 |
| 2.5° | 164.7 | 166.7 | 166.7 | 166.7 | 166.7 | 164.7 | 162.6 | 160.5 | 160.5 | 158.5 | 156.4 |
| 5° | 185.2 | 185.2 | 183.2 | 183.2 | 181.1 | 179.1 | 174.9 | 170.8 | 166.7 | 166.7 | 162.6 |
| 7.5° | 203.8 | 205.8 | 205.8 | 201.7 | 199.6 | 195.5 | 189.4 | 183.2 | 179.1 | 177.0 | 170.8 |
| 10° | 232.6 | 234.6 | 232.6 | 228.5 | 224.3 | 218.2 | 209.9 | 203.8 | 197.6 | 193.5 | 187.3 |
| 12.5° | 271.7 | 271.7 | 269.6 | 261.4 | 253.2 | 247.0 | 238.8 | 232.6 | 224.3 | 224.3 | 216.1 |
| 15° | 319.0 | 321.1 | 314.9 | 308.7 | 296.4 | 286.1 | 275.8 | 271.7 | 267.6 | 267.6 | 257.3 |
| 17.5° | 378.7 | 380.8 | 372.5 | 356.1 | 341.7 | 333.4 | 327.3 | 321.1 | 317.0 | 317.0 | 306.7 |
| 20° | 467.2 | 454.9 | 452.8 | 417.8 | 401.4 | 389.0 | 384.9 | 380.8 | 382.8 | 378.7 | 372.5 |
| 22.5° | 566.0 | 557.8 | 545.4 | 504.3 | 473.4 | 454.9 | 448.7 | 450.7 | 456.9 | 456.9 | 454.9 |
| 25° | 683.3 | 685.4 | 654.5 | 603.1 | 555.7 | 529.0 | 526.9 | 547.5 | 553.7 | 557.8 | 555.7 |
| 27.5° | 817.1 | 825.3 | 775.9 | 720.4 | 654.5 | 609.2 | 613.3 | 648.3 | 668.9 | 671.0 | 668.9 |
| 30° | 990.0 | 994.1 | 932.4 | 845.9 | 753.3 | 701.9 | 714.2 | 763.6 | 786.2 | 794.5 | 798.6 |
| 32.5° | 1187.6 | 1187.6 | 1117.6 | 1004.4 | 866.5 | 794.5 | 806.8 | 893.3 | 946.8 | 944.7 | 957.1 |
| 35° | 1376.9 | 1362.5 | 1302.9 | 1158.8 | 992.1 | 893.3 | 924.1 | 1022.9 | 1088.8 | 1101.1 | 1095.0 |
| 37.5° | 1508.7 | 1519.0 | 1463.4 | 1323.4 | 1119.7 | 996.2 | 1039.4 | 1165.0 | 1251.4 | 1251.4 | 1234.9 |
| 40° | 1595.1 | 1607.5 | 1556.0 | 1436.6 | 1245.2 | 1109.4 | 1156.7 | 1292.6 | 1358.4 | 1362.5 | 1302.9 |
| 42.5° | 1687.7 | 1698.0 | 1663.0 | 1539.5 | 1350.2 | 1216.4 | 1259.6 | 1389.3 | 1455.2 | 1453.1 | 1391.4 |
| 45° | 1790.6 | 1805.1 | 1788.6 | 1663.0 | 1455.2 | 1317.3 | 1354.3 | 1504.6 | 1591.0 | 1605.4 | 1525.1 |
| 47.5° | 1916.2 | 1926.5 | 1908.0 | 1784.5 | 1572.5 | 1420.2 | 1477.8 | 1661.0 | 1774.2 | 1776.2 | 1683.6 |
| 50° | 1986.2 | 2006.8 | 2035.6 | 1938.8 | 1706.3 | 1535.4 | 1623.9 | 1858.6 | 1990.3 | 2015.0 | 1891.5 |
| 52.5° | 2029.4 | 2052.0 | 2099.4 | 2078.8 | 1875.0 | 1687.7 | 1819.5 | 2085.0 | 2198.2 | 2233.2 | 2054.1 |
| 55° | 2101.4 | 2126.1 | 2177.6 | 2148.8 | 2006.8 | 1862.7 | 2002.6 | 2315.5 | 2447.2 | 2463.7 | 2305.2 |
| 57.5° | 2000.6 | 2025.3 | 2165.2 | 2220.8 | 2097.3 | 2015.0 | 2198.2 | 2572.8 | 2735.4 | 2760.1 | 2539.8 |
| 60° | 1910.0 | 1926.5 | 2019.1 | 2177.6 | 2150.8 | 2124.1 | 2408.1 | 2819.8 | 2953.5 | 2961.8 | 2679.8 |
| 62.5° | 1741.3 | 1778.3 | 1885.3 | 2015.0 | 2087.0 | 2163.2 | 2560.4 | 3015.3 | 3155.2 | 3169.7 | 2817.7 |
| 65° | 1506.6 | 1533.4 | 1652.7 | 1838.0 | 1924.4 | 2099.4 | 2624.2 | 3173.8 | 3301.4 | 3293.1 | 2885.6 |
| 67.5° | 1339.9 | 1360.5 | 1465.5 | 1599.2 | 1724.8 | 1957.4 | 2550.1 | 3198.5 | 3354.9 | 3334.3 | 2836.2 |
| 70° | 1051.7 | 1076.4 | 1195.8 | 1405.8 | 1504.6 | 1735.1 | 2375.2 | 3099.7 | 3235.5 | 3217.0 | 2611.9 |
| 72.5° | 837.7 | 860.3 | 973.5 | 1150.5 | 1317.3 | 1502.5 | 2142.6 | 2784.8 | 2838.3 | 2790.9 | 2200.2 |
| 75° | 613.3 | 644.2 | 720.4 | 880.9 | 1080.6 | 1298.7 | 1805.1 | 2366.9 | 2410.2 | 2364.9 | 1786.5 |
| 77.5° | 424.0 | 426.1 | 494.0 | 646.3 | 819.2 | 1095.0 | 1498.4 | 1965.6 | 1936.8 | 1889.4 | 1366.7 |
| 80° | 271.7 | 275.8 | 319.0 | 417.8 | 594.8 | 827.4 | 1210.2 | 1566.3 | 1539.5 | 1519.0 | 1047.6 |
| 82.5° | 174.9 | 168.8 | 205.8 | 273.7 | 403.4 | 601.0 | 940.6 | 1255.5 | 1226.7 | 1177.3 | 792.4 |
| 85° | 111.1 | 115.3 | 135.8 | 179.1 | 275.8 | 438.4 | 701.9 | 899.4 | 862.4 | 817.1 | 541.3 |
| 87.5° | 84.4 | 86.4 | 98.8 | 127.6 | 187.3 | 308.7 | 479.6 | 625.7 | 601.0 | 557.8 | 364.3 |
| 90° | 63.8 | 65.9 | 74.1 | 92.6 | 129.7 | 209.9 | 319.0 | 393.1 | 364.3 | 341.7 | 234.6 |
| 92.5° | 45.3 | 47.3 | 55.6 | 70.0 | 96.7 | 146.1 | 205.8 | 230.5 | 214.1 | 205.8 | 152.3 |
| 95° | 32.9 | 35.0 | 41.2 | 51.5 | 72.0 | 100.9 | 129.7 | 140.0 | 129.7 | 125.6 | 107.0 |
| 97.5° | 26.8 | 28.8 | 30.9 | 39.1 | 55.6 | 74.1 | 88.5 | 90.6 | 88.5 | 84.4 | 80.3 |
| 100° | 22.6 | 22.6 | 26.8 | 30.9 | 43.2 | 59.7 | 65.9 | 65.9 | 65.9 | 65.9 | 61.7 |
| 102.5° | 18.5 | 18.5 | 22.6 | 26.8 | 35.0 | 47.3 | 51.5 | 51.5 | 49.4 | 51.5 | 49.4 |
| 105° | 16.5 | 16.5 | 18.5 | 22.6 | 30.9 | 39.1 | 41.2 | 39.1 | 39.1 | 39.1 | 39.1 |
| 107.5° | 14.4 | 14.4 | 16.5 | 20.6 | 26.8 | 32.9 | 35.0 | 32.9 | 30.9 | 30.9 | 32.9 |
| 110° | 12.3 | 12.3 | 14.4 | 16.5 | 22.6 | 28.8 | 28.8 | 24.7 | 24.7 | 24.7 | 26.8 |

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CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 73° | 75° | 85° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 12.3 | 12.3 | 14.4 | 16.5 | 20.6 | 24.7 | 22.6 | 20.6 | 20.6 | 20.6 | 22.6 |
| 115° | 12.3 | 12.3 | 12.3 | 14.4 | 18.5 | 20.6 | 20.6 | 18.5 | 16.5 | 18.5 | 20.6 |
| 117.5° | 12.3 | 12.3 | 12.3 | 14.4 | 16.5 | 18.5 | 18.5 | 16.5 | 14.4 | 16.5 | 18.5 |
| 120° | 12.3 | 12.3 | 12.3 | 14.4 | 16.5 | 16.5 | 16.5 | 14.4 | 14.4 | 14.4 | 16.5 |
| 122.5° | 10.3 | 10.3 | 12.3 | 12.3 | 14.4 | 14.4 | 14.4 | 12.3 | 12.3 | 12.3 | 16.5 |
| 125° | 10.3 | 10.3 | 12.3 | 12.3 | 14.4 | 14.4 | 12.3 | 12.3 | 12.3 | 12.3 | 14.4 |
| 127.5° | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 10.3 | 12.3 | 12.3 | 14.4 |
| 130° | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 10.3 | 10.3 | 12.3 | 12.3 | 14.4 |
| 132.5° | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 10.3 | 10.3 | 10.3 | 10.3 | 12.3 | 12.3 |
| 135° | 12.3 | 12.3 | 12.3 | 12.3 | 10.3 | 10.3 | 8.2 | 10.3 | 10.3 | 10.3 | 12.3 |
| 137.5° | 10.3 | 10.3 | 10.3 | 10.3 | 10.3 | 8.2 | 8.2 | 8.2 | 8.2 | 10.3 | 10.3 |
| 140° | 10.3 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 6.2 | 6.2 | 8.2 | 8.2 | 10.3 |
| 142.5° | 8.2 | 8.2 | 8.2 | 8.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 8.2 | 8.2 |
| 145° | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 4.1 | 4.1 | 4.1 | 6.2 | 6.2 | 6.2 |
| 147.5° | 6.2 | 4.1 | 6.2 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 6.2 |
| 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° | 156.4 | 156.4 | 156.4 | 156.4 | 156.4 | 156.4 | 156.4 | 156.4 | 156.4 | 156.4 | 156.4 |
| 2.5° | 156.4 | 154.4 | 154.4 | 152.3 | 150.2 | 150.2 | 148.2 | 148.2 | 148.2 | 148.2 | 146.1 |
| 5° | 160.5 | 158.5 | 154.4 | 150.2 | 146.1 | 144.1 | 142.0 | 140.0 | 137.9 | 137.9 | 137.9 |
| 7.5° | 166.7 | 164.7 | 158.5 | 152.3 | 146.1 | 140.0 | 135.8 | 133.8 | 131.7 | 129.7 | 129.7 |
| 10° | 183.2 | 177.0 | 166.7 | 156.4 | 148.2 | 140.0 | 133.8 | 129.7 | 127.6 | 125.6 | 125.6 |
| 12.5° | 205.8 | 203.8 | 187.3 | 170.8 | 156.4 | 144.1 | 135.8 | 133.8 | 131.7 | 131.7 | 129.7 |
| 15° | 249.0 | 240.8 | 222.3 | 195.5 | 172.9 | 154.4 | 148.2 | 146.1 | 150.2 | 150.2 | 152.3 |
| 17.5° | 296.4 | 286.1 | 261.4 | 228.5 | 197.6 | 177.0 | 168.8 | 170.8 | 174.9 | 179.1 | 179.1 |
| 20° | 358.1 | 347.8 | 314.9 | 267.6 | 230.5 | 205.8 | 195.5 | 195.5 | 203.8 | 209.9 | 209.9 |
| 22.5° | 442.5 | 424.0 | 376.7 | 312.8 | 263.5 | 234.6 | 220.2 | 218.2 | 228.5 | 234.6 | 234.6 |
| 25° | 541.3 | 514.6 | 452.8 | 368.4 | 298.4 | 257.3 | 240.8 | 242.9 | 255.2 | 265.5 | 265.5 |
| 27.5° | 644.2 | 615.4 | 529.0 | 419.9 | 331.4 | 273.7 | 259.3 | 267.6 | 284.0 | 294.3 | 296.4 |
| 30° | 769.8 | 730.7 | 609.2 | 471.3 | 356.1 | 288.2 | 273.7 | 286.1 | 306.7 | 321.1 | 323.1 |
| 32.5° | 911.8 | 862.4 | 710.1 | 522.8 | 374.6 | 296.4 | 282.0 | 306.7 | 331.4 | 352.0 | 352.0 |
| 35° | 1047.6 | 981.8 | 784.2 | 561.9 | 384.9 | 298.4 | 290.2 | 321.1 | 349.9 | 368.4 | 368.4 |
| 37.5° | 1169.1 | 1084.7 | 845.9 | 582.5 | 384.9 | 298.4 | 292.3 | 327.3 | 354.0 | 366.4 | 364.3 |
| 40° | 1216.4 | 1115.6 | 848.0 | 572.2 | 378.7 | 294.3 | 290.2 | 323.1 | 343.7 | 347.8 | 343.7 |
| 42.5° | 1288.4 | 1165.0 | 833.6 | 537.2 | 358.1 | 288.2 | 284.0 | 308.7 | 321.1 | 321.1 | 317.0 |
| 45° | 1399.6 | 1241.1 | 835.6 | 502.2 | 335.5 | 275.8 | 273.7 | 296.4 | 310.8 | 314.9 | 310.8 |
| 47.5° | 1535.4 | 1335.8 | 837.7 | 471.3 | 314.9 | 265.5 | 267.6 | 294.3 | 308.7 | 304.6 | 302.6 |
| 50° | 1714.5 | 1461.3 | 848.0 | 442.5 | 302.6 | 257.3 | 267.6 | 296.4 | 306.7 | 298.4 | 294.3 |
| 52.5° | 1846.2 | 1535.4 | 829.5 | 415.8 | 294.3 | 255.2 | 271.7 | 300.5 | 306.7 | 294.3 | 294.3 |
| 55° | 2039.7 | 1638.3 | 790.4 | 380.8 | 286.1 | 257.3 | 275.8 | 304.6 | 306.7 | 296.4 | 294.3 |
| 57.5° | 2210.5 | 1731.0 | 767.7 | 349.9 | 277.9 | 261.4 | 282.0 | 310.8 | 314.9 | 308.7 | 306.7 |
| 60° | 2288.7 | 1753.6 | 708.0 | 329.3 | 271.7 | 265.5 | 290.2 | 321.1 | 335.5 | 331.4 | 333.4 |
| 62.5° | 2383.4 | 1757.7 | 650.4 | 310.8 | 269.6 | 269.6 | 300.5 | 341.7 | 360.2 | 360.2 | 362.2 |
| 65° | 2377.2 | 1704.2 | 582.5 | 294.3 | 267.6 | 273.7 | 312.8 | 360.2 | 382.8 | 389.0 | 391.1 |
| 67.5° | 2294.9 | 1599.2 | 508.4 | 277.9 | 263.5 | 275.8 | 323.1 | 378.7 | 405.5 | 415.8 | 417.8 |
| 70° | 2039.7 | 1403.7 | 434.3 | 263.5 | 255.2 | 271.7 | 325.2 | 389.0 | 415.8 | 426.1 | 428.1 |
| 72.5° | 1673.3 | 1113.5 | 354.0 | 242.9 | 240.8 | 259.3 | 317.0 | 382.8 | 403.4 | 407.5 | 411.6 |
| 75° | 1335.8 | 883.0 | 294.3 | 220.2 | 220.2 | 238.8 | 294.3 | 352.0 | 366.4 | 370.5 | 364.3 |
| 77.5° | 1000.3 | 668.9 | 244.9 | 199.6 | 199.6 | 218.2 | 265.5 | 310.8 | 323.1 | 321.1 | 323.1 |
| 80° | 757.4 | 506.3 | 207.9 | 179.1 | 179.1 | 193.5 | 236.7 | 275.8 | 286.1 | 282.0 | 279.9 |
| 82.5° | 568.1 | 378.7 | 181.1 | 160.5 | 160.5 | 172.9 | 205.8 | 238.8 | 247.0 | 247.0 | 240.8 |
| 85° | 389.0 | 271.7 | 158.5 | 142.0 | 142.0 | 152.3 | 177.0 | 201.7 | 214.1 | 212.0 | 207.9 |
| 87.5° | 271.7 | 205.8 | 140.0 | 127.6 | 125.6 | 133.8 | 152.3 | 174.9 | 189.4 | 191.4 | 187.3 |
| 90° | 187.3 | 154.4 | 121.4 | 109.1 | 109.1 | 115.3 | 131.7 | 150.2 | 164.7 | 166.7 | 162.6 |
| 92.5° | 131.7 | 117.3 | 100.9 | 92.6 | 90.6 | 98.8 | 109.1 | 121.4 | 129.7 | 129.7 | 131.7 |
| 95° | 96.7 | 90.6 | 80.3 | 72.0 | 72.0 | 80.3 | 86.4 | 88.5 | 94.7 | 94.7 | 92.6 |
| 97.5° | 74.1 | 72.0 | 65.9 | 57.6 | 55.6 | 63.8 | 65.9 | 67.9 | 72.0 | 70.0 | 67.9 |
| 100° | 61.7 | 59.7 | 53.5 | 47.3 | 45.3 | 51.5 | 53.5 | 55.6 | 59.7 | 55.6 | 55.6 |
| 102.5° | 49.4 | 49.4 | 45.3 | 39.1 | 39.1 | 43.2 | 45.3 | 47.3 | 49.4 | 47.3 | 45.3 |
| 105° | 41.2 | 41.2 | 39.1 | 35.0 | 32.9 | 37.0 | 39.1 | 39.1 | 41.2 | 39.1 | 39.1 |
| 107.5° | 32.9 | 35.0 | 32.9 | 28.8 | 28.8 | 30.9 | 32.9 | 32.9 | 32.9 | 32.9 | 32.9 |
| 110° | 28.8 | 28.8 | 28.8 | 24.7 | 26.8 | 28.8 | 28.8 | 28.8 | 28.8 | 28.8 | 28.8 |

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CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 24.7 | 24.7 | 24.7 | 22.6 | 22.6 | 24.7 | 24.7 | 24.7 | 24.7 | 24.7 | 24.7 |
| 115° | 22.6 | 22.6 | 22.6 | 20.6 | 20.6 | 22.6 | 20.6 | 20.6 | 20.6 | 22.6 | 22.6 |
| 117.5° | 20.6 | 20.6 | 20.6 | 18.5 | 18.5 | 18.5 | 18.5 | 18.5 | 18.5 | 20.6 | 20.6 |
| 120° | 18.5 | 18.5 | 18.5 | 16.5 | 16.5 | 16.5 | 16.5 | 16.5 | 16.5 | 18.5 | 18.5 |
| 122.5° | 16.5 | 16.5 | 16.5 | 16.5 | 14.4 | 16.5 | 14.4 | 14.4 | 14.4 | 16.5 | 16.5 |
| 125° | 14.4 | 16.5 | 14.4 | 14.4 | 14.4 | 14.4 | 14.4 | 14.4 | 14.4 | 14.4 | 16.5 |
| 127.5° | 14.4 | 14.4 | 14.4 | 14.4 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 14.4 | 14.4 |
| 130° | 14.4 | 14.4 | 14.4 | 12.3 | 12.3 | 12.3 | 10.3 | 10.3 | 12.3 | 12.3 | 14.4 |
| 132.5° | 14.4 | 14.4 | 12.3 | 12.3 | 10.3 | 10.3 | 10.3 | 10.3 | 12.3 | 12.3 | 12.3 |
| 135° | 12.3 | 12.3 | 12.3 | 10.3 | 10.3 | 10.3 | 8.2 | 10.3 | 10.3 | 12.3 | 12.3 |
| 137.5° | 10.3 | 10.3 | 10.3 | 10.3 | 8.2 | 8.2 | 8.2 | 8.2 | 10.3 | 10.3 | 10.3 |
| 140° | 10.3 | 10.3 | 8.2 | 8.2 | 8.2 | 6.2 | 6.2 | 8.2 | 8.2 | 10.3 | 10.3 |
| 142.5° | 8.2 | 8.2 | 8.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 8.2 | 8.2 | 8.2 |
| 145° | 6.2 | 6.2 | 6.2 | 6.2 | 4.1 | 4.1 | 6.2 | 6.2 | 6.2 | 8.2 | 8.2 |
| 147.5° | 6.2 | 6.2 | 6.2 | 4.1 | 4.1 | 4.1 | 4.1 | 6.2 | 6.2 | 6.2 | 6.2 |
| 150° | 4.1 | 4.1 | 4.1 | 4.1 | 2.1 | 2.1 | 4.1 | 4.1 | 6.2 | 6.2 | 6.2 |
| 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)