

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: P695173

Luminaire Tested: **LXF.LXT-PA16-40-750-U-T3-FL**

Issue Date: 7/5/2023

Test Information

Test Method: LM-79-08
Report Number: P695173
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2306-062-19)
Test Lab: INNOVATION CENTER
Issue Date: 7/5/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: LXF.LXT-PA16-40-750-U-T3-FL
Description: DECORATIVE POST TOP LUMINAIRE
(1) 70 CRI, 5000K, 740mA LIGHTSQUARE WITH 16 LEDS AND TYPE III OPTICS AND
FROSTED LENS PANELS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4415 lumens
Efficiency: N/A
Efficacy: 109.8 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 1.17' x L: 1.17' x H: 0.83')
IES Classification: Type III - Short
BUG Rating: B1 - U3 - G3

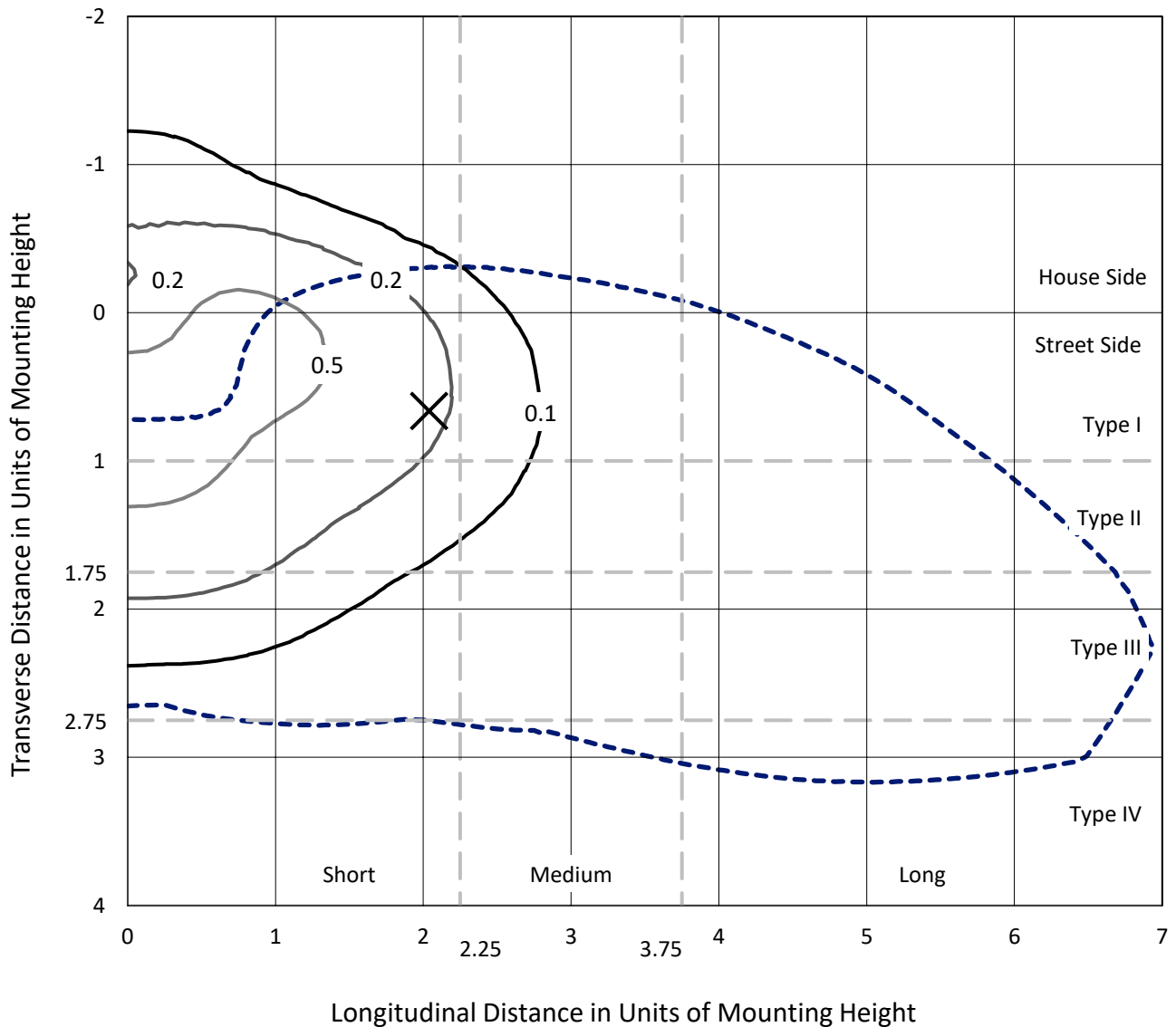
Input Watts (W): 40.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P695173
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Iso-Footcandle Lines of Horizontal Illumination

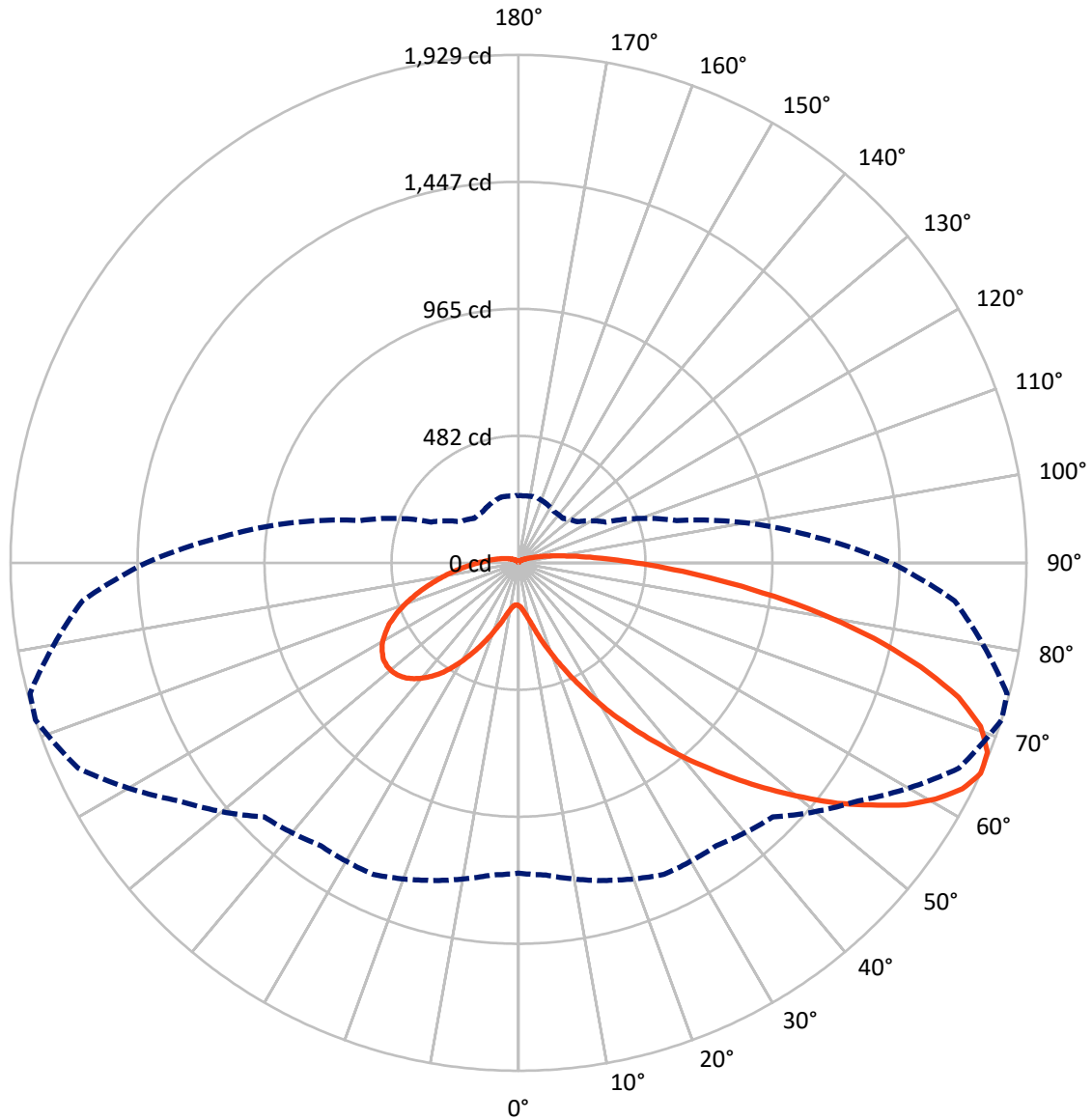
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.8 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 72-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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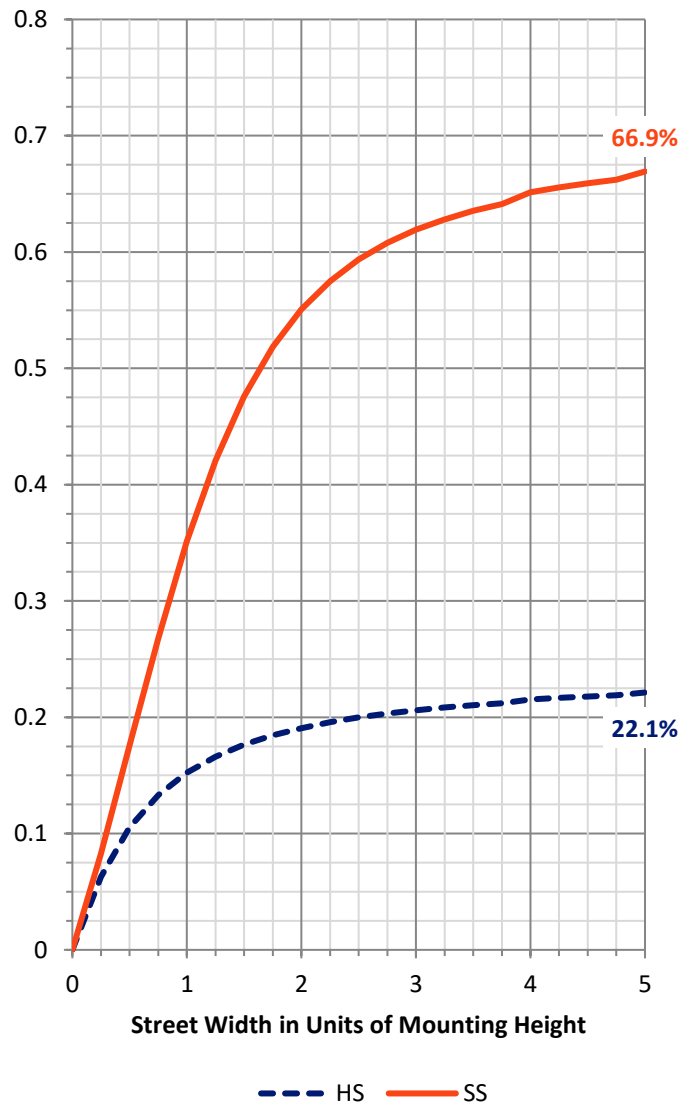
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1031.7 | 130.5 | 1162.2 |
| | % Fixture | 23.4 | 3.0 | 26.3 |
| Street Side | Lumens | 3068.1 | 184.7 | 3252.8 |
| | % Fixture | 69.5 | 4.2 | 73.7 |
| Total | Lumens | 4099.8 | 315.2 | 4415.0 |
| | % Fixture | 92.9 | 7.1 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 17.1 | 0.4 |
| 10°-20° | 71.8 | 1.6 |
| 20°-30° | 184.9 | 4.2 |
| 30°-40° | 367.8 | 8.3 |
| 40°-50° | 598.8 | 13.6 |
| 50°-60° | 829.0 | 18.8 |
| 60°-70° | 926.1 | 21.0 |
| 70°-80° | 725.1 | 16.4 |
| 80°-90° | 379.2 | 8.6 |
| 90°-100° | 165.0 | 3.7 |
| 100°-110° | 76.0 | 1.7 |
| 110°-120° | 38.7 | 0.9 |
| 120°-130° | 20.8 | 0.5 |
| 130°-140° | 10.4 | 0.2 |
| 140°-150° | 4.0 | 0.1 |
| 150°-160° | 0.2 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-90° | 4099.8 | 92.9 |
| 0°-180° | 4415.0 | 100.0 |

Coefficient of Utilization



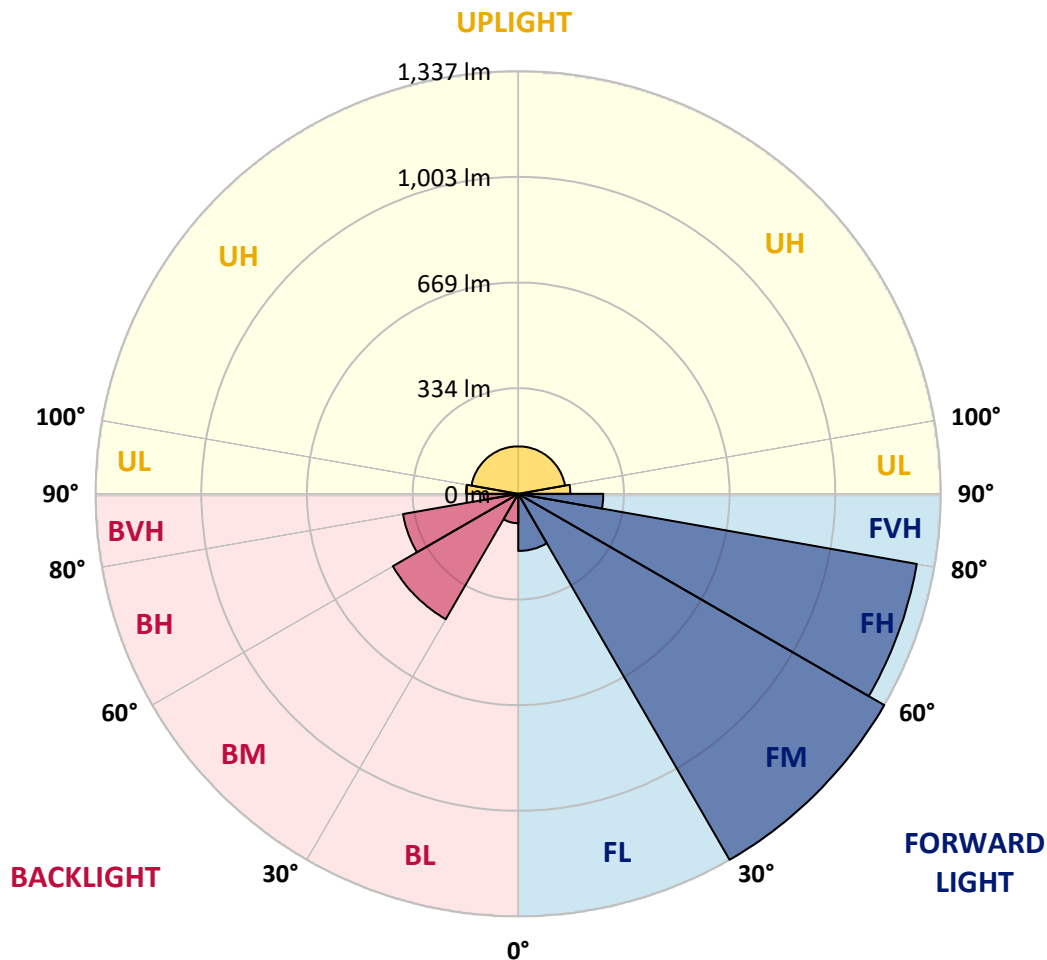
REPORT NUMBER: P695173
 CATALOG NUMBER: LXF.LXT-PA16-40-750-U-T3-FL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|--------|---------|
| | | | B | U | G |
| FL (0°-30°) | 180.8 | 4.1 | | | |
| FM (30°-60°) | 1337.4 | 30.3 | | | |
| FH (60°-80°) | 1280.8 | 29.0 | | | G1/1800 |
| FVH (80°-90°) | 269.1 | 6.1 | | | G3/500 |
| BL (0°-30°) | 93.0 | 2.1 | B0/110 | | |
| BM (30°-60°) | 458.3 | 10.4 | B1/1000 | | |
| BH (60°-80°) | 370.3 | 8.4 | B1/500 | | G1/500 |
| BVH (80°-90°) | 110.1 | 2.5 | | | G2/225 |
| UL (90°-100°) | 165.0 | 3.7 | | U3/500 | |
| UH (100°-180°) | 150.2 | 3.4 | | U3/500 | |

BUG Rating: B1-U3-G3

Type III Short



REPORT NUMBER: P695173
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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 72° | 75° | 85° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 163.5 | 163.5 | 163.5 | 163.5 | 163.5 | 163.5 | 163.5 | 163.5 | 163.5 | 163.5 | 163.5 |
| 2.5° | 176.6 | 178.2 | 178.2 | 176.6 | 176.6 | 174.9 | 173.3 | 170.0 | 168.4 | 168.4 | 165.1 |
| 5° | 199.4 | 201.1 | 199.4 | 197.8 | 196.2 | 191.3 | 189.6 | 184.7 | 181.5 | 179.8 | 173.3 |
| 7.5° | 228.9 | 228.9 | 227.2 | 224.0 | 220.7 | 217.4 | 209.3 | 202.7 | 197.8 | 194.5 | 186.4 |
| 10° | 259.9 | 259.9 | 258.3 | 256.7 | 251.8 | 243.6 | 235.4 | 227.2 | 219.1 | 217.4 | 206.0 |
| 12.5° | 302.4 | 299.2 | 295.9 | 291.0 | 286.1 | 277.9 | 266.5 | 256.7 | 248.5 | 246.9 | 233.8 |
| 15° | 344.9 | 346.6 | 340.0 | 331.9 | 325.3 | 315.5 | 305.7 | 297.5 | 287.7 | 284.5 | 266.5 |
| 17.5° | 394.0 | 395.6 | 390.7 | 384.2 | 372.7 | 362.9 | 349.8 | 338.4 | 331.9 | 325.3 | 304.1 |
| 20° | 454.5 | 454.5 | 449.6 | 436.5 | 425.0 | 413.6 | 402.2 | 389.1 | 377.6 | 372.7 | 349.8 |
| 22.5° | 518.2 | 516.6 | 510.1 | 493.7 | 479.0 | 464.3 | 454.5 | 441.4 | 433.2 | 426.7 | 400.5 |
| 25° | 595.1 | 590.2 | 580.4 | 560.7 | 541.1 | 523.1 | 508.4 | 503.5 | 492.1 | 485.5 | 461.0 |
| 27.5° | 670.3 | 673.5 | 657.2 | 631.0 | 603.2 | 585.3 | 572.2 | 565.6 | 557.5 | 554.2 | 523.1 |
| 30° | 763.5 | 756.9 | 738.9 | 706.2 | 667.0 | 642.5 | 635.9 | 634.3 | 634.3 | 627.8 | 595.1 |
| 32.5° | 850.1 | 843.6 | 823.9 | 784.7 | 737.3 | 706.2 | 701.3 | 706.2 | 709.5 | 707.9 | 667.0 |
| 35° | 938.4 | 931.8 | 908.9 | 866.4 | 802.7 | 766.7 | 766.7 | 786.3 | 791.2 | 788.0 | 747.1 |
| 37.5° | 1021.7 | 1018.5 | 995.6 | 938.4 | 877.9 | 833.7 | 840.3 | 871.3 | 879.5 | 877.9 | 825.6 |
| 40° | 1101.9 | 1101.9 | 1079.0 | 1016.8 | 943.3 | 899.1 | 910.6 | 958.0 | 974.3 | 972.7 | 915.5 |
| 42.5° | 1183.6 | 1180.3 | 1159.1 | 1098.6 | 1013.6 | 964.5 | 985.8 | 1044.6 | 1070.8 | 1074.1 | 1005.4 |
| 45° | 1253.9 | 1250.6 | 1234.3 | 1167.2 | 1082.2 | 1031.6 | 1062.6 | 1142.7 | 1177.1 | 1175.4 | 1093.7 |
| 47.5° | 1314.4 | 1312.7 | 1301.3 | 1239.2 | 1149.3 | 1101.9 | 1146.0 | 1244.1 | 1286.6 | 1286.6 | 1193.4 |
| 50° | 1363.4 | 1365.1 | 1356.9 | 1306.2 | 1211.4 | 1168.9 | 1229.4 | 1347.1 | 1399.4 | 1399.4 | 1288.2 |
| 52.5° | 1394.5 | 1397.8 | 1401.0 | 1353.6 | 1270.2 | 1231.0 | 1309.5 | 1455.0 | 1517.1 | 1515.5 | 1384.7 |
| 55° | 1404.3 | 1407.6 | 1423.9 | 1394.5 | 1317.6 | 1288.2 | 1389.6 | 1559.6 | 1623.4 | 1618.5 | 1473.0 |
| 57.5° | 1387.9 | 1394.5 | 1422.3 | 1412.5 | 1350.3 | 1334.0 | 1456.6 | 1649.5 | 1734.5 | 1729.6 | 1554.7 |
| 60° | 1347.1 | 1355.2 | 1394.5 | 1405.9 | 1363.4 | 1365.1 | 1518.7 | 1739.4 | 1821.2 | 1817.9 | 1618.5 |
| 62.5° | 1275.1 | 1288.2 | 1338.9 | 1370.0 | 1352.0 | 1378.1 | 1559.6 | 1808.1 | 1891.5 | 1886.6 | 1656.1 |
| 65° | 1178.7 | 1190.1 | 1249.0 | 1306.2 | 1311.1 | 1365.1 | 1575.9 | 1845.7 | 1929.1 | 1920.9 | 1662.6 |
| 67.5° | 1064.3 | 1059.3 | 1134.6 | 1208.1 | 1237.5 | 1317.6 | 1554.7 | 1840.8 | 1920.9 | 1906.2 | 1621.7 |
| 70° | 923.7 | 923.7 | 1000.5 | 1074.1 | 1136.2 | 1244.1 | 1495.8 | 1788.5 | 1862.0 | 1840.8 | 1543.3 |
| 72.5° | 758.5 | 776.5 | 843.6 | 930.2 | 1007.0 | 1137.8 | 1404.3 | 1685.5 | 1747.6 | 1723.1 | 1410.8 |
| 75° | 621.2 | 635.9 | 694.8 | 781.4 | 869.7 | 1015.2 | 1268.6 | 1536.7 | 1577.6 | 1553.1 | 1249.0 |
| 77.5° | 498.6 | 505.2 | 568.9 | 642.5 | 734.0 | 866.4 | 1106.8 | 1350.3 | 1379.8 | 1353.6 | 1065.9 |
| 80° | 384.2 | 400.5 | 444.7 | 515.0 | 603.2 | 732.4 | 938.4 | 1132.9 | 1160.7 | 1131.3 | 871.3 |
| 82.5° | 302.4 | 307.3 | 348.2 | 415.2 | 490.4 | 600.0 | 771.6 | 920.4 | 933.5 | 899.1 | 703.0 |
| 85° | 233.8 | 237.0 | 271.4 | 328.6 | 394.0 | 482.3 | 616.3 | 724.2 | 727.5 | 707.9 | 549.3 |
| 87.5° | 178.2 | 184.7 | 215.8 | 261.6 | 317.2 | 394.0 | 485.5 | 560.7 | 555.8 | 541.1 | 428.3 |
| 90° | 140.6 | 143.9 | 166.7 | 207.6 | 253.4 | 310.6 | 379.3 | 428.3 | 418.5 | 412.0 | 323.7 |
| 92.5° | 111.2 | 112.8 | 137.3 | 168.4 | 206.0 | 251.8 | 297.5 | 330.2 | 317.2 | 312.2 | 246.9 |
| 95° | 88.3 | 91.5 | 109.5 | 137.3 | 168.4 | 202.7 | 233.8 | 250.1 | 242.0 | 233.8 | 191.3 |
| 97.5° | 71.9 | 73.6 | 89.9 | 112.8 | 139.0 | 165.1 | 186.4 | 192.9 | 184.7 | 181.5 | 148.8 |
| 100° | 60.5 | 60.5 | 75.2 | 94.8 | 114.4 | 135.7 | 148.8 | 152.0 | 145.5 | 137.3 | 114.4 |
| 102.5° | 50.7 | 50.7 | 62.1 | 80.1 | 98.1 | 112.8 | 121.0 | 121.0 | 112.8 | 107.9 | 91.5 |
| 105° | 42.5 | 44.1 | 52.3 | 68.7 | 83.4 | 94.8 | 101.4 | 96.5 | 89.9 | 86.6 | 73.6 |
| 107.5° | 37.6 | 37.6 | 45.8 | 58.9 | 71.9 | 80.1 | 83.4 | 78.5 | 71.9 | 67.0 | 58.9 |
| 110° | 34.3 | 34.3 | 39.2 | 50.7 | 62.1 | 70.3 | 70.3 | 65.4 | 57.2 | 53.9 | 49.0 |

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CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 72° | 75° | 85° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 29.4 | 31.1 | 34.3 | 44.1 | 53.9 | 60.5 | 60.5 | 53.9 | 47.4 | 44.1 | 40.9 |
| 115° | 27.8 | 27.8 | 31.1 | 39.2 | 47.4 | 52.3 | 52.3 | 45.8 | 39.2 | 37.6 | 34.3 |
| 117.5° | 24.5 | 24.5 | 27.8 | 34.3 | 40.9 | 45.8 | 44.1 | 39.2 | 32.7 | 31.1 | 29.4 |
| 120° | 22.9 | 22.9 | 24.5 | 29.4 | 36.0 | 39.2 | 37.6 | 32.7 | 27.8 | 26.2 | 26.2 |
| 122.5° | 21.3 | 21.3 | 22.9 | 26.2 | 32.7 | 34.3 | 32.7 | 27.8 | 24.5 | 22.9 | 24.5 |
| 125° | 19.6 | 19.6 | 21.3 | 24.5 | 27.8 | 29.4 | 27.8 | 22.9 | 21.3 | 21.3 | 21.3 |
| 127.5° | 19.6 | 19.6 | 19.6 | 21.3 | 24.5 | 26.2 | 24.5 | 19.6 | 18.0 | 18.0 | 19.6 |
| 130° | 18.0 | 18.0 | 18.0 | 19.6 | 21.3 | 22.9 | 19.6 | 16.3 | 16.3 | 16.3 | 16.3 |
| 132.5° | 16.3 | 16.3 | 16.3 | 16.3 | 18.0 | 18.0 | 16.3 | 14.7 | 14.7 | 14.7 | 14.7 |
| 135° | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 13.1 | 11.4 | 13.1 | 13.1 | 13.1 |
| 137.5° | 13.1 | 13.1 | 13.1 | 13.1 | 13.1 | 11.4 | 11.4 | 9.8 | 11.4 | 11.4 | 11.4 |
| 140° | 11.4 | 11.4 | 11.4 | 11.4 | 9.8 | 9.8 | 8.2 | 8.2 | 8.2 | 9.8 | 9.8 |
| 142.5° | 9.8 | 9.8 | 9.8 | 9.8 | 8.2 | 6.5 | 6.5 | 6.5 | 8.2 | 8.2 | 8.2 |
| 145° | 8.2 | 8.2 | 8.2 | 6.5 | 6.5 | 4.9 | 4.9 | 4.9 | 6.5 | 6.5 | 6.5 |
| 147.5° | 6.5 | 6.5 | 6.5 | 4.9 | 4.9 | 3.3 | 3.3 | 3.3 | 4.9 | 4.9 | 4.9 |
| 150° | 4.9 | 4.9 | 4.9 | 3.3 | 3.3 | 1.6 | 1.6 | 3.3 | 3.3 | 3.3 | 3.3 |
| 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° | 163.5 | 163.5 | 163.5 | 163.5 | 163.5 | 163.5 | 163.5 | 163.5 | 163.5 | 163.5 | 163.5 |
| 2.5° | 163.5 | 163.5 | 160.2 | 158.6 | 156.9 | 155.3 | 153.7 | 152.0 | 152.0 | 152.0 | 152.0 |
| 5° | 171.7 | 166.7 | 161.8 | 156.9 | 152.0 | 148.8 | 143.9 | 142.2 | 140.6 | 139.0 | 139.0 |
| 7.5° | 181.5 | 178.2 | 168.4 | 160.2 | 152.0 | 145.5 | 140.6 | 135.7 | 132.4 | 130.8 | 130.8 |
| 10° | 199.4 | 192.9 | 181.5 | 168.4 | 156.9 | 147.1 | 139.0 | 132.4 | 129.1 | 127.5 | 127.5 |
| 12.5° | 225.6 | 215.8 | 199.4 | 181.5 | 165.1 | 152.0 | 142.2 | 134.1 | 129.1 | 129.1 | 127.5 |
| 15° | 256.7 | 245.2 | 224.0 | 201.1 | 178.2 | 160.2 | 148.8 | 142.2 | 137.3 | 135.7 | 135.7 |
| 17.5° | 292.6 | 281.2 | 253.4 | 222.3 | 197.8 | 174.9 | 160.2 | 152.0 | 147.1 | 143.9 | 143.9 |
| 20° | 336.8 | 320.4 | 284.5 | 248.5 | 215.8 | 194.5 | 173.3 | 163.5 | 156.9 | 153.7 | 152.0 |
| 22.5° | 384.2 | 366.2 | 322.1 | 276.3 | 238.7 | 210.9 | 188.0 | 173.3 | 165.1 | 163.5 | 161.8 |
| 25° | 441.4 | 415.2 | 361.3 | 305.7 | 261.6 | 227.2 | 201.1 | 183.1 | 176.6 | 173.3 | 173.3 |
| 27.5° | 501.9 | 470.8 | 403.8 | 336.8 | 282.8 | 240.3 | 210.9 | 192.9 | 186.4 | 184.7 | 183.1 |
| 30° | 565.6 | 529.7 | 447.9 | 371.1 | 302.4 | 253.4 | 222.3 | 204.3 | 196.2 | 194.5 | 194.5 |
| 32.5° | 635.9 | 593.4 | 492.1 | 397.3 | 317.2 | 261.6 | 228.9 | 212.5 | 204.3 | 204.3 | 204.3 |
| 35° | 704.6 | 655.6 | 537.8 | 425.0 | 330.2 | 268.1 | 235.4 | 220.7 | 212.5 | 214.2 | 214.2 |
| 37.5° | 778.2 | 724.2 | 577.1 | 444.7 | 340.0 | 273.0 | 238.7 | 227.2 | 222.3 | 222.3 | 222.3 |
| 40° | 858.3 | 781.4 | 613.0 | 459.4 | 343.3 | 274.6 | 242.0 | 232.1 | 228.9 | 228.9 | 230.5 |
| 42.5° | 935.1 | 848.5 | 644.1 | 470.8 | 344.9 | 274.6 | 243.6 | 237.0 | 235.4 | 235.4 | 235.4 |
| 45° | 1011.9 | 907.3 | 671.9 | 474.1 | 343.3 | 273.0 | 245.2 | 240.3 | 240.3 | 240.3 | 240.3 |
| 47.5° | 1095.3 | 966.2 | 691.5 | 472.5 | 338.4 | 269.7 | 245.2 | 242.0 | 245.2 | 243.6 | 243.6 |
| 50° | 1168.9 | 1021.7 | 704.6 | 467.6 | 331.9 | 266.5 | 243.6 | 245.2 | 248.5 | 246.9 | 246.9 |
| 52.5° | 1245.7 | 1070.8 | 711.1 | 456.1 | 322.1 | 261.6 | 243.6 | 246.9 | 250.1 | 248.5 | 248.5 |
| 55° | 1314.4 | 1113.3 | 711.1 | 443.0 | 313.9 | 258.3 | 243.6 | 248.5 | 253.4 | 251.8 | 251.8 |
| 57.5° | 1370.0 | 1142.7 | 699.7 | 425.0 | 302.4 | 253.4 | 242.0 | 248.5 | 255.0 | 253.4 | 253.4 |
| 60° | 1412.5 | 1159.1 | 683.3 | 407.1 | 292.6 | 248.5 | 240.3 | 248.5 | 256.7 | 253.4 | 255.0 |
| 62.5° | 1430.4 | 1157.4 | 653.9 | 385.8 | 282.8 | 243.6 | 238.7 | 248.5 | 256.7 | 255.0 | 255.0 |
| 65° | 1414.1 | 1129.6 | 621.2 | 366.2 | 271.4 | 238.7 | 237.0 | 248.5 | 258.3 | 255.0 | 255.0 |
| 67.5° | 1366.7 | 1075.7 | 578.7 | 341.7 | 259.9 | 233.8 | 233.8 | 246.9 | 256.7 | 253.4 | 253.4 |
| 70° | 1280.0 | 997.2 | 529.7 | 320.4 | 248.5 | 227.2 | 228.9 | 242.0 | 251.8 | 251.8 | 250.1 |
| 72.5° | 1164.0 | 895.9 | 475.7 | 295.9 | 237.0 | 219.1 | 222.3 | 237.0 | 245.2 | 245.2 | 243.6 |
| 75° | 1028.3 | 778.2 | 421.8 | 273.0 | 224.0 | 210.9 | 214.2 | 227.2 | 237.0 | 235.4 | 233.8 |
| 77.5° | 866.4 | 658.8 | 369.5 | 248.5 | 209.3 | 199.4 | 204.3 | 217.4 | 225.6 | 222.3 | 220.7 |
| 80° | 717.7 | 554.2 | 322.1 | 224.0 | 194.5 | 188.0 | 192.9 | 202.7 | 209.3 | 207.6 | 206.0 |
| 82.5° | 573.8 | 447.9 | 273.0 | 201.1 | 179.8 | 174.9 | 179.8 | 188.0 | 192.9 | 191.3 | 188.0 |
| 85° | 446.3 | 362.9 | 233.8 | 178.2 | 163.5 | 160.2 | 165.1 | 171.7 | 174.9 | 171.7 | 170.0 |
| 87.5° | 351.5 | 284.5 | 194.5 | 156.9 | 147.1 | 145.5 | 148.8 | 155.3 | 158.6 | 155.3 | 150.4 |
| 90° | 274.6 | 228.9 | 165.1 | 139.0 | 132.4 | 132.4 | 134.1 | 139.0 | 139.0 | 135.7 | 134.1 |
| 92.5° | 214.2 | 183.1 | 139.0 | 121.0 | 117.7 | 117.7 | 121.0 | 122.6 | 122.6 | 117.7 | 116.1 |
| 95° | 168.4 | 147.1 | 117.7 | 106.3 | 104.6 | 104.6 | 107.9 | 107.9 | 106.3 | 101.4 | 99.7 |
| 97.5° | 132.4 | 119.3 | 101.4 | 93.2 | 91.5 | 93.2 | 94.8 | 94.8 | 91.5 | 86.6 | 85.0 |
| 100° | 106.3 | 98.1 | 85.0 | 81.7 | 81.7 | 83.4 | 83.4 | 81.7 | 78.5 | 73.6 | 73.6 |
| 102.5° | 86.6 | 80.1 | 73.6 | 71.9 | 71.9 | 73.6 | 73.6 | 71.9 | 68.7 | 62.1 | 62.1 |
| 105° | 70.3 | 65.4 | 62.1 | 62.1 | 63.8 | 63.8 | 63.8 | 62.1 | 57.2 | 52.3 | 52.3 |
| 107.5° | 57.2 | 55.6 | 53.9 | 53.9 | 55.6 | 57.2 | 57.2 | 53.9 | 49.0 | 45.8 | 45.8 |
| 110° | 47.4 | 47.4 | 47.4 | 47.4 | 49.0 | 50.7 | 50.7 | 47.4 | 42.5 | 39.2 | 39.2 |

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CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 40.9 | 39.2 | 40.9 | 42.5 | 44.1 | 45.8 | 44.1 | 40.9 | 36.0 | 34.3 | 34.3 |
| 115° | 34.3 | 34.3 | 36.0 | 37.6 | 39.2 | 39.2 | 39.2 | 36.0 | 31.1 | 29.4 | 29.4 |
| 117.5° | 31.1 | 31.1 | 31.1 | 32.7 | 34.3 | 36.0 | 34.3 | 31.1 | 26.2 | 26.2 | 26.2 |
| 120° | 26.2 | 26.2 | 27.8 | 29.4 | 31.1 | 31.1 | 29.4 | 26.2 | 22.9 | 22.9 | 22.9 |
| 122.5° | 24.5 | 24.5 | 24.5 | 26.2 | 27.8 | 27.8 | 26.2 | 22.9 | 19.6 | 21.3 | 21.3 |
| 125° | 21.3 | 21.3 | 21.3 | 22.9 | 24.5 | 24.5 | 22.9 | 19.6 | 18.0 | 18.0 | 18.0 |
| 127.5° | 19.6 | 19.6 | 19.6 | 19.6 | 21.3 | 21.3 | 19.6 | 18.0 | 16.3 | 16.3 | 16.3 |
| 130° | 18.0 | 18.0 | 18.0 | 18.0 | 18.0 | 18.0 | 16.3 | 14.7 | 14.7 | 14.7 | 14.7 |
| 132.5° | 14.7 | 14.7 | 14.7 | 14.7 | 16.3 | 16.3 | 14.7 | 13.1 | 13.1 | 13.1 | 13.1 |
| 135° | 13.1 | 13.1 | 13.1 | 13.1 | 13.1 | 13.1 | 11.4 | 11.4 | 11.4 | 11.4 | 11.4 |
| 137.5° | 11.4 | 11.4 | 11.4 | 11.4 | 11.4 | 11.4 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 |
| 140° | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 8.2 | 8.2 | 8.2 | 8.2 | 9.8 | 9.8 |
| 142.5° | 8.2 | 8.2 | 8.2 | 8.2 | 6.5 | 6.5 | 6.5 | 6.5 | 8.2 | 8.2 | 8.2 |
| 145° | 6.5 | 6.5 | 6.5 | 6.5 | 4.9 | 4.9 | 4.9 | 6.5 | 6.5 | 6.5 | 6.5 |
| 147.5° | 4.9 | 4.9 | 4.9 | 4.9 | 3.3 | 3.3 | 3.3 | 4.9 | 4.9 | 6.5 | 6.5 |
| 150° | 3.3 | 3.3 | 3.3 | 3.3 | 1.6 | 1.6 | 3.3 | 3.3 | 4.9 | 4.9 | 4.9 |
| 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)