

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: P694899

Luminaire Tested: **LXF.LXT-PA16-30-750-U-T2U-TL**

Issue Date: 7/5/2023

Test Information

Test Method: LM-79-08
Report Number: P694899
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2306-062-15)
Test Lab: INNOVATION CENTER
Issue Date: 7/5/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: LXF.LXT-PA16-30-750-U-T2U-TL
Description: DECORATIVE POST TOP LUMINAIRE
(1) 70 CRI, 5000K, 560mA LIGHTSQUARE WITH 16 LEDS AND TYPE II U OPTICS
AND TEXTURED LENS PANELS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3694.1 lumens
Efficiency: N/A
Efficacy: 126.5 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 1.17' x L: 1.17' x H: 0.83')
IES Classification: Type II - Short
BUG Rating: B1 - U3 - G1

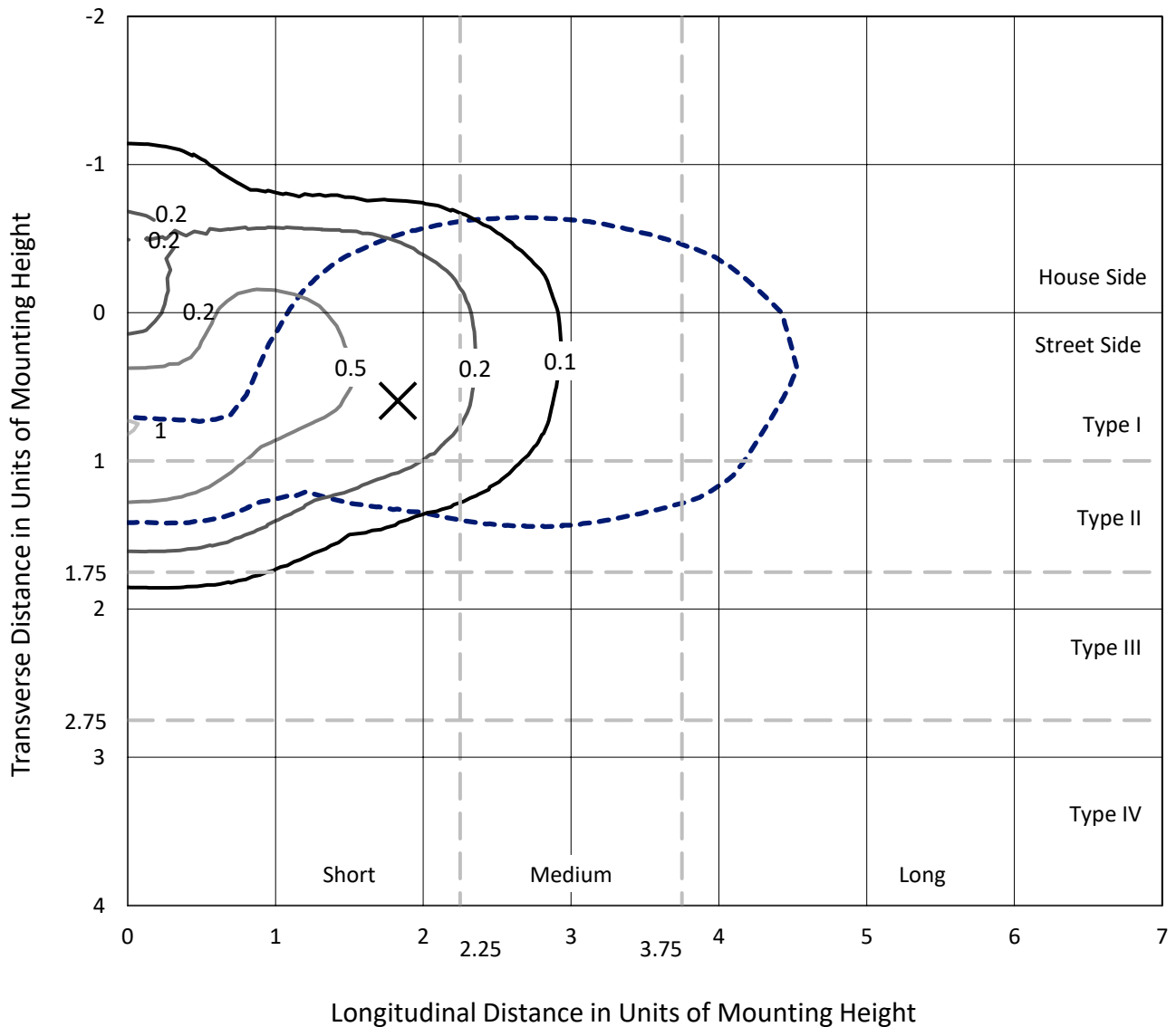
Input Watts (W): 29.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P694899
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Iso-Footcandle Lines of Horizontal Illumination

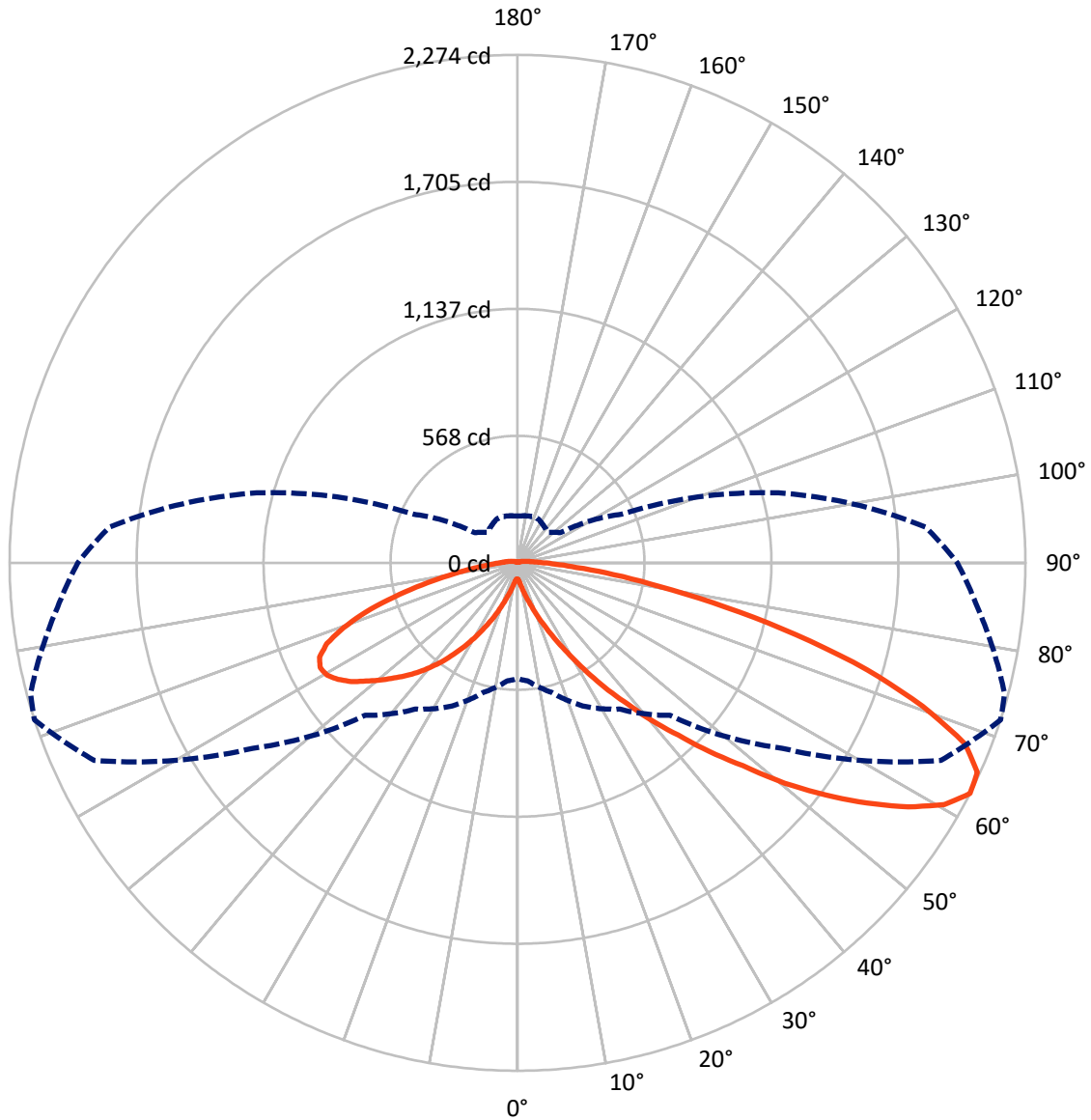
✕ Max cd
 - - - 1/2 Max cd



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

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Luminous Intensity Polar Plot



— Vertical Plane Through 72-Deg Lateral - - - Horizontal Cone Through 62.5-Deg Vertical

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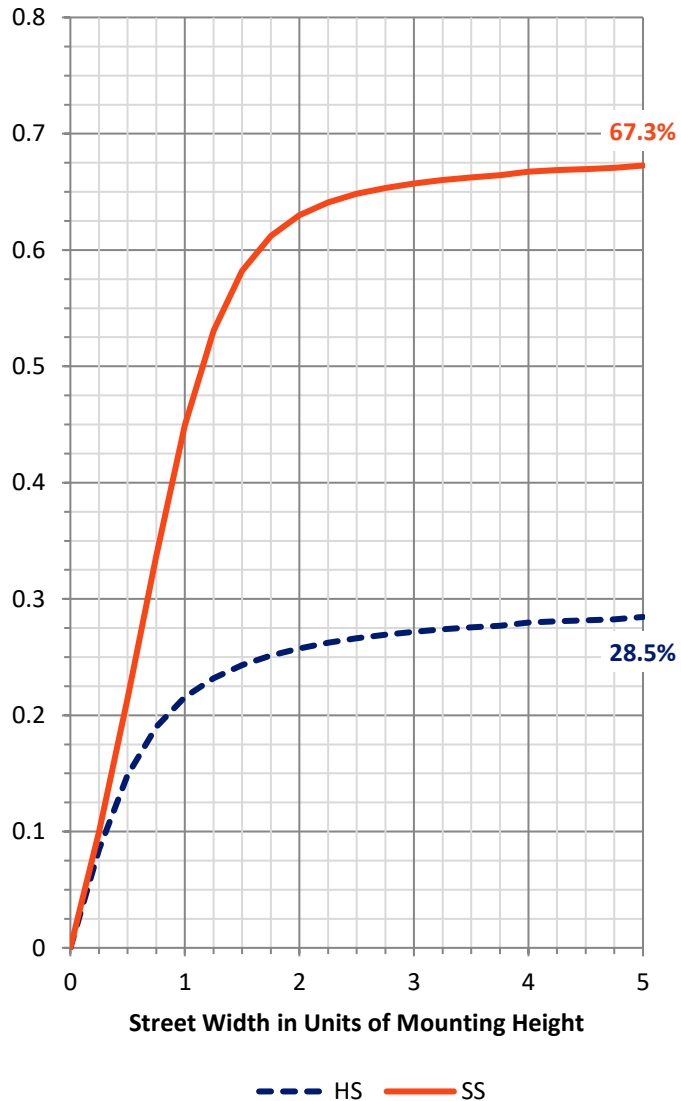
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1083.1 | 55.1 | 1138.2 |
| | % Fixture | 29.3 | 1.5 | 30.8 |
| Street Side | Lumens | 2511.2 | 44.7 | 2555.9 |
| | % Fixture | 68.0 | 1.2 | 69.2 |
| Total | Lumens | 3594.2 | 99.8 | 3694.1 |
| | % Fixture | 97.3 | 2.7 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 8.6 | 0.2 |
| 10°-20° | 46.7 | 1.3 |
| 20°-30° | 154.0 | 4.2 |
| 30°-40° | 367.8 | 10.0 |
| 40°-50° | 654.0 | 17.7 |
| 50°-60° | 864.7 | 23.4 |
| 60°-70° | 830.7 | 22.5 |
| 70°-80° | 504.3 | 13.7 |
| 80°-90° | 163.6 | 4.4 |
| 90°-100° | 50.3 | 1.4 |
| 100°-110° | 23.5 | 0.6 |
| 110°-120° | 12.2 | 0.3 |
| 120°-130° | 7.2 | 0.2 |
| 130°-140° | 4.3 | 0.1 |
| 140°-150° | 2.1 | 0.1 |
| 150°-160° | 0.2 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-90° | 3594.2 | 97.3 |
| 0°-180° | 3694.1 | 100.0 |

Coefficient of Utilization

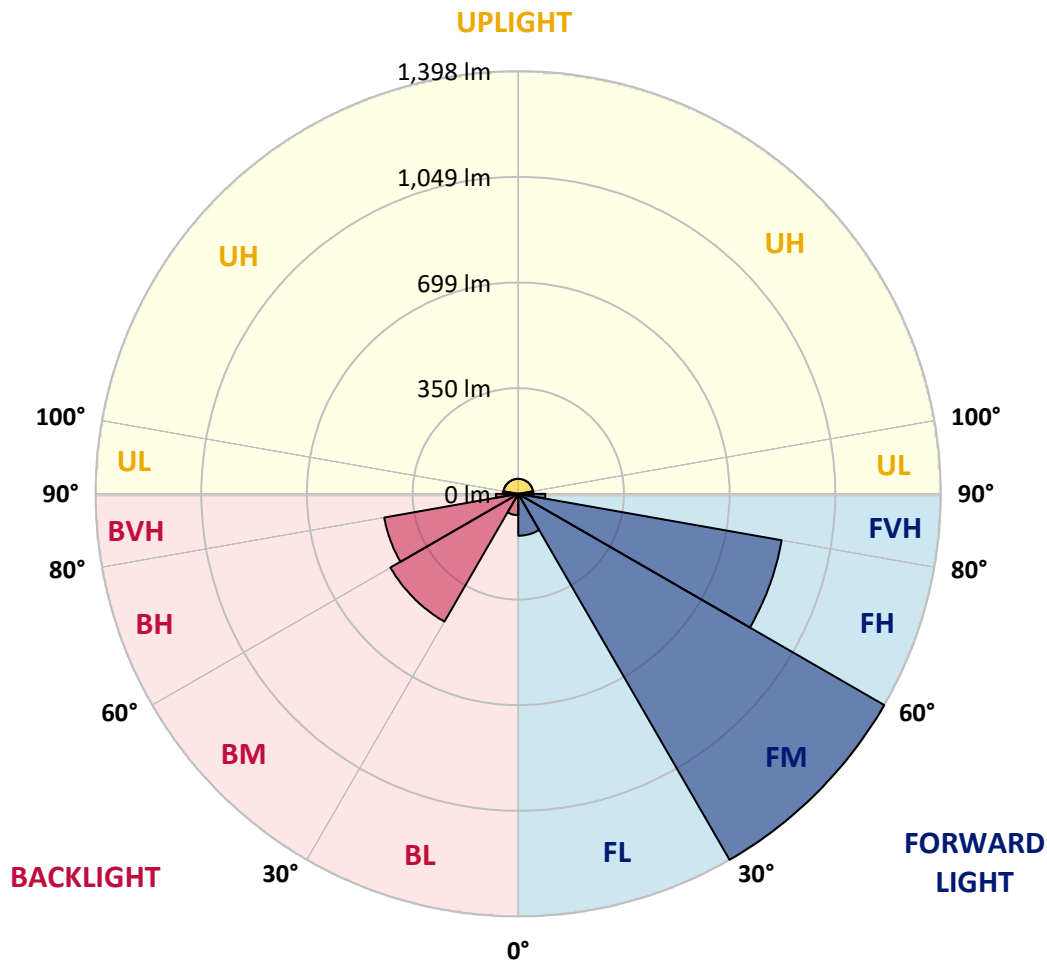


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|--------|---------|
| | | | B | U | G |
| FL (0°-30°) | 138.5 | 3.8 | | | |
| FM (30°-60°) | 1398.1 | 37.8 | | | |
| FH (60°-80°) | 885.0 | 24.0 | | | G1/1800 |
| FVH (80°-90°) | 89.5 | 2.4 | | | G1/100 |
| BL (0°-30°) | 70.7 | 1.9 | B0/110 | | |
| BM (30°-60°) | 488.3 | 13.2 | B1/1000 | | |
| BH (60°-80°) | 450.0 | 12.2 | B1/500 | | G1/500 |
| BVH (80°-90°) | 74.1 | 2.0 | | | G1/100 |
| UL (90°-100°) | 50.3 | 1.4 | | U3/500 | |
| UH (100°-180°) | 49.5 | 1.3 | | U2/50 | |

BUG Rating: B1-U3-G1
 Type II Short



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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 72° | 75° | 85° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| 2.5° | 81.5 | 82.8 | 81.5 | 82.8 | 81.5 | 80.2 | 80.2 | 77.7 | 77.7 | 76.4 | 75.1 |
| 5° | 97.1 | 98.4 | 98.4 | 97.1 | 94.5 | 93.2 | 89.3 | 88.0 | 85.4 | 84.1 | 81.5 |
| 7.5° | 119.1 | 117.8 | 119.1 | 115.2 | 113.9 | 111.3 | 106.1 | 102.2 | 98.4 | 97.1 | 93.2 |
| 10° | 147.5 | 146.2 | 145.0 | 142.4 | 138.5 | 133.3 | 128.1 | 120.4 | 117.8 | 116.5 | 110.0 |
| 12.5° | 181.2 | 183.8 | 179.9 | 176.0 | 169.5 | 163.1 | 154.0 | 145.0 | 141.1 | 139.8 | 129.4 |
| 15° | 230.4 | 230.4 | 225.2 | 218.7 | 205.8 | 195.4 | 186.4 | 177.3 | 170.8 | 168.2 | 159.2 |
| 17.5° | 292.5 | 288.6 | 282.1 | 266.6 | 255.0 | 238.1 | 227.8 | 213.5 | 207.1 | 205.8 | 194.1 |
| 20° | 361.1 | 363.7 | 349.4 | 330.0 | 308.0 | 287.3 | 271.8 | 257.5 | 251.1 | 249.8 | 235.5 |
| 22.5° | 451.7 | 451.7 | 432.3 | 406.4 | 370.1 | 341.7 | 323.6 | 309.3 | 300.3 | 295.1 | 286.0 |
| 25° | 556.5 | 556.5 | 534.5 | 484.0 | 445.2 | 406.4 | 380.5 | 365.0 | 361.1 | 355.9 | 343.0 |
| 27.5° | 682.1 | 685.9 | 644.5 | 594.0 | 522.9 | 476.3 | 445.2 | 436.2 | 428.4 | 431.0 | 405.1 |
| 30° | 827.0 | 820.5 | 776.5 | 698.9 | 617.3 | 556.5 | 525.5 | 512.5 | 507.3 | 508.6 | 485.3 |
| 32.5° | 965.5 | 955.1 | 915.0 | 825.7 | 717.0 | 648.4 | 613.5 | 603.1 | 599.2 | 594.0 | 565.6 |
| 35° | 1126.0 | 1116.9 | 1060.0 | 951.3 | 830.9 | 741.6 | 700.2 | 700.2 | 700.2 | 693.7 | 652.3 |
| 37.5° | 1281.3 | 1264.5 | 1202.3 | 1083.3 | 943.5 | 842.5 | 807.6 | 812.8 | 805.0 | 795.9 | 749.4 |
| 40° | 1405.5 | 1393.9 | 1334.3 | 1212.7 | 1058.7 | 952.5 | 918.9 | 926.7 | 930.5 | 917.6 | 852.9 |
| 42.5° | 1493.5 | 1488.4 | 1440.5 | 1326.6 | 1162.2 | 1061.3 | 1048.3 | 1057.4 | 1054.8 | 1040.6 | 969.4 |
| 45° | 1536.2 | 1531.1 | 1500.0 | 1406.8 | 1263.2 | 1168.7 | 1170.0 | 1210.1 | 1203.6 | 1188.1 | 1085.9 |
| 47.5° | 1512.9 | 1519.4 | 1507.8 | 1449.5 | 1326.6 | 1259.3 | 1295.5 | 1366.7 | 1357.6 | 1343.4 | 1217.9 |
| 50° | 1443.1 | 1440.5 | 1458.6 | 1437.9 | 1351.2 | 1320.1 | 1418.5 | 1547.9 | 1550.5 | 1512.9 | 1369.3 |
| 52.5° | 1296.8 | 1303.3 | 1355.0 | 1366.7 | 1330.5 | 1343.4 | 1522.0 | 1722.6 | 1727.8 | 1682.5 | 1514.2 |
| 55° | 1123.4 | 1122.1 | 1189.4 | 1248.9 | 1251.5 | 1317.5 | 1581.5 | 1872.7 | 1898.6 | 1865.0 | 1669.5 |
| 57.5° | 893.0 | 916.3 | 986.2 | 1080.7 | 1127.3 | 1238.6 | 1602.2 | 2007.3 | 2061.7 | 2015.1 | 1809.3 |
| 60° | 691.1 | 709.2 | 793.4 | 895.6 | 970.7 | 1118.2 | 1550.5 | 2081.1 | 2196.3 | 2163.9 | 1959.5 |
| 62.5° | 519.0 | 530.6 | 601.8 | 709.2 | 799.8 | 965.5 | 1446.9 | 2091.5 | 2273.9 | 2257.1 | 2059.1 |
| 65° | 381.8 | 388.3 | 456.9 | 550.0 | 639.3 | 783.0 | 1260.6 | 2003.5 | 2262.3 | 2273.9 | 2127.7 |
| 67.5° | 277.0 | 287.3 | 337.8 | 420.6 | 497.0 | 627.7 | 1057.4 | 1814.5 | 2160.1 | 2193.7 | 2103.1 |
| 70° | 218.7 | 223.9 | 258.8 | 323.6 | 379.2 | 478.9 | 852.9 | 1554.4 | 1924.5 | 2000.9 | 1980.2 |
| 72.5° | 176.0 | 178.6 | 205.8 | 255.0 | 291.2 | 363.7 | 644.5 | 1256.7 | 1637.2 | 1725.2 | 1773.1 |
| 75° | 145.0 | 147.5 | 169.5 | 203.2 | 231.7 | 271.8 | 472.4 | 951.3 | 1286.5 | 1382.2 | 1485.8 |
| 77.5° | 115.2 | 120.4 | 137.2 | 163.1 | 183.8 | 207.1 | 331.3 | 687.2 | 951.3 | 1026.3 | 1146.7 |
| 80° | 91.9 | 94.5 | 110.0 | 130.7 | 146.2 | 163.1 | 243.3 | 455.6 | 643.2 | 736.4 | 827.0 |
| 82.5° | 69.9 | 72.5 | 84.1 | 100.9 | 113.9 | 125.5 | 173.4 | 300.3 | 432.3 | 478.9 | 529.3 |
| 85° | 50.5 | 50.5 | 62.1 | 76.4 | 88.0 | 99.7 | 126.8 | 195.4 | 264.0 | 291.2 | 326.1 |
| 87.5° | 33.6 | 34.9 | 42.7 | 55.7 | 68.6 | 77.7 | 93.2 | 128.1 | 168.2 | 177.3 | 200.6 |
| 90° | 23.3 | 24.6 | 29.8 | 40.1 | 51.8 | 60.8 | 69.9 | 88.0 | 106.1 | 115.2 | 132.0 |
| 92.5° | 16.8 | 18.1 | 23.3 | 29.8 | 40.1 | 49.2 | 55.7 | 63.4 | 75.1 | 81.5 | 90.6 |
| 95° | 12.9 | 14.2 | 18.1 | 24.6 | 32.4 | 40.1 | 45.3 | 49.2 | 56.9 | 60.8 | 67.3 |
| 97.5° | 11.6 | 11.6 | 15.5 | 20.7 | 27.2 | 33.6 | 37.5 | 40.1 | 45.3 | 47.9 | 53.1 |
| 100° | 10.4 | 10.4 | 12.9 | 18.1 | 23.3 | 28.5 | 31.1 | 32.4 | 36.2 | 37.5 | 41.4 |
| 102.5° | 9.1 | 9.1 | 11.6 | 15.5 | 20.7 | 24.6 | 27.2 | 27.2 | 29.8 | 29.8 | 32.4 |
| 105° | 7.8 | 7.8 | 10.4 | 14.2 | 18.1 | 22.0 | 23.3 | 23.3 | 23.3 | 24.6 | 24.6 |
| 107.5° | 7.8 | 7.8 | 9.1 | 12.9 | 15.5 | 19.4 | 20.7 | 19.4 | 19.4 | 19.4 | 19.4 |
| 110° | 6.5 | 6.5 | 9.1 | 11.6 | 14.2 | 16.8 | 16.8 | 16.8 | 15.5 | 15.5 | 15.5 |

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CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 72° | 75° | 85° |
|--------|-----|-----|-----|------|------|------|------|------|------|------|------|
| 112.5° | 6.5 | 6.5 | 7.8 | 10.4 | 12.9 | 14.2 | 15.5 | 14.2 | 12.9 | 12.9 | 12.9 |
| 115° | 6.5 | 6.5 | 7.8 | 9.1 | 11.6 | 12.9 | 12.9 | 11.6 | 10.4 | 10.4 | 10.4 |
| 117.5° | 5.2 | 6.5 | 6.5 | 9.1 | 10.4 | 11.6 | 11.6 | 10.4 | 9.1 | 9.1 | 9.1 |
| 120° | 5.2 | 5.2 | 6.5 | 7.8 | 9.1 | 10.4 | 10.4 | 9.1 | 7.8 | 7.8 | 9.1 |
| 122.5° | 5.2 | 5.2 | 6.5 | 7.8 | 9.1 | 9.1 | 9.1 | 7.8 | 7.8 | 7.8 | 7.8 |
| 125° | 5.2 | 5.2 | 5.2 | 6.5 | 7.8 | 9.1 | 7.8 | 7.8 | 6.5 | 6.5 | 7.8 |
| 127.5° | 5.2 | 5.2 | 5.2 | 6.5 | 7.8 | 7.8 | 7.8 | 6.5 | 6.5 | 6.5 | 6.5 |
| 130° | 5.2 | 5.2 | 5.2 | 5.2 | 6.5 | 6.5 | 6.5 | 6.5 | 5.2 | 5.2 | 6.5 |
| 132.5° | 5.2 | 5.2 | 5.2 | 5.2 | 6.5 | 6.5 | 6.5 | 5.2 | 5.2 | 5.2 | 5.2 |
| 135° | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 3.9 | 5.2 | 5.2 |
| 137.5° | 5.2 | 5.2 | 3.9 | 5.2 | 5.2 | 5.2 | 5.2 | 3.9 | 3.9 | 3.9 | 5.2 |
| 140° | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 |
| 142.5° | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 2.6 | 2.6 | 3.9 | 3.9 |
| 145° | 3.9 | 3.9 | 3.9 | 3.9 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 |
| 147.5° | 3.9 | 3.9 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 |
| 150° | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 2.6 |
| 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° | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| 2.5° | 75.1 | 73.8 | 72.5 | 71.2 | 71.2 | 69.9 | 69.9 | 68.6 | 68.6 | 68.6 | 68.6 |
| 5° | 80.2 | 78.9 | 76.4 | 73.8 | 71.2 | 69.9 | 67.3 | 66.0 | 66.0 | 64.7 | 64.7 |
| 7.5° | 91.9 | 88.0 | 84.1 | 80.2 | 76.4 | 72.5 | 69.9 | 67.3 | 66.0 | 66.0 | 66.0 |
| 10° | 106.1 | 103.5 | 95.8 | 90.6 | 85.4 | 80.2 | 76.4 | 72.5 | 69.9 | 69.9 | 68.6 |
| 12.5° | 128.1 | 124.2 | 113.9 | 107.4 | 98.4 | 90.6 | 85.4 | 80.2 | 77.7 | 76.4 | 76.4 |
| 15° | 154.0 | 148.8 | 139.8 | 126.8 | 115.2 | 104.8 | 97.1 | 93.2 | 90.6 | 89.3 | 89.3 |
| 17.5° | 189.0 | 181.2 | 167.0 | 151.4 | 135.9 | 121.7 | 113.9 | 107.4 | 103.5 | 104.8 | 104.8 |
| 20° | 230.4 | 221.3 | 201.9 | 181.2 | 159.2 | 143.7 | 130.7 | 124.2 | 121.7 | 121.7 | 121.7 |
| 22.5° | 275.7 | 265.3 | 244.6 | 216.1 | 187.7 | 165.7 | 148.8 | 141.1 | 141.1 | 141.1 | 141.1 |
| 25° | 335.2 | 317.1 | 291.2 | 253.7 | 216.1 | 185.1 | 167.0 | 160.5 | 160.5 | 161.8 | 163.1 |
| 27.5° | 392.1 | 380.5 | 341.7 | 293.8 | 245.9 | 205.8 | 182.5 | 176.0 | 179.9 | 182.5 | 183.8 |
| 30° | 464.6 | 443.9 | 397.3 | 335.2 | 273.1 | 222.6 | 196.7 | 191.5 | 198.0 | 201.9 | 203.2 |
| 32.5° | 544.9 | 516.4 | 456.9 | 380.5 | 297.7 | 235.5 | 207.1 | 204.5 | 211.0 | 217.4 | 217.4 |
| 35° | 626.4 | 592.8 | 517.7 | 424.5 | 317.1 | 243.3 | 213.5 | 213.5 | 221.3 | 227.8 | 227.8 |
| 37.5° | 715.7 | 670.4 | 583.7 | 462.0 | 332.6 | 247.2 | 217.4 | 218.7 | 227.8 | 231.7 | 233.0 |
| 40° | 810.2 | 758.4 | 645.8 | 497.0 | 340.4 | 245.9 | 218.7 | 222.6 | 229.1 | 233.0 | 233.0 |
| 42.5° | 908.5 | 850.3 | 713.1 | 522.9 | 341.7 | 243.3 | 217.4 | 222.6 | 229.1 | 230.4 | 230.4 |
| 45° | 1019.8 | 951.3 | 777.8 | 542.3 | 336.5 | 238.1 | 216.1 | 222.6 | 226.5 | 225.2 | 225.2 |
| 47.5° | 1142.8 | 1058.7 | 839.9 | 557.8 | 326.1 | 231.7 | 214.8 | 222.6 | 223.9 | 221.3 | 220.0 |
| 50° | 1281.3 | 1177.7 | 912.4 | 564.3 | 314.5 | 225.2 | 213.5 | 221.3 | 221.3 | 216.1 | 216.1 |
| 52.5° | 1424.9 | 1314.9 | 986.2 | 565.6 | 300.3 | 218.7 | 213.5 | 221.3 | 220.0 | 212.3 | 212.3 |
| 55° | 1556.9 | 1449.5 | 1065.1 | 564.3 | 284.7 | 211.0 | 211.0 | 221.3 | 218.7 | 211.0 | 211.0 |
| 57.5° | 1726.5 | 1593.2 | 1131.1 | 553.9 | 267.9 | 205.8 | 209.7 | 221.3 | 217.4 | 209.7 | 209.7 |
| 60° | 1853.3 | 1725.2 | 1182.9 | 539.7 | 252.4 | 198.0 | 207.1 | 220.0 | 216.1 | 209.7 | 209.7 |
| 62.5° | 1968.5 | 1833.9 | 1208.8 | 515.1 | 234.3 | 191.5 | 203.2 | 217.4 | 216.1 | 211.0 | 209.7 |
| 65° | 2026.7 | 1880.5 | 1198.4 | 477.6 | 217.4 | 183.8 | 199.3 | 214.8 | 213.5 | 209.7 | 209.7 |
| 67.5° | 2012.5 | 1862.4 | 1140.2 | 429.7 | 200.6 | 176.0 | 192.8 | 207.1 | 208.4 | 207.1 | 207.1 |
| 70° | 1907.7 | 1742.0 | 1030.2 | 370.1 | 185.1 | 165.7 | 185.1 | 199.3 | 200.6 | 200.6 | 201.9 |
| 72.5° | 1703.2 | 1538.8 | 887.8 | 314.5 | 168.2 | 155.3 | 173.4 | 187.7 | 190.3 | 191.5 | 190.3 |
| 75° | 1431.4 | 1264.5 | 710.5 | 260.1 | 152.7 | 143.7 | 160.5 | 173.4 | 177.3 | 177.3 | 177.3 |
| 77.5° | 1101.4 | 966.8 | 535.8 | 208.4 | 137.2 | 130.7 | 146.2 | 157.9 | 160.5 | 161.8 | 160.5 |
| 80° | 781.7 | 682.1 | 377.9 | 168.2 | 121.7 | 117.8 | 129.4 | 138.5 | 141.1 | 143.7 | 142.4 |
| 82.5° | 509.9 | 455.6 | 265.3 | 133.3 | 104.8 | 102.2 | 112.6 | 119.1 | 121.7 | 121.7 | 120.4 |
| 85° | 309.3 | 283.4 | 174.7 | 106.1 | 89.3 | 86.7 | 94.5 | 98.4 | 99.7 | 99.7 | 99.7 |
| 87.5° | 192.8 | 174.7 | 123.0 | 85.4 | 75.1 | 73.8 | 77.7 | 78.9 | 82.8 | 81.5 | 80.2 |
| 90° | 124.2 | 116.5 | 90.6 | 67.3 | 60.8 | 60.8 | 63.4 | 63.4 | 66.0 | 66.0 | 63.4 |
| 92.5° | 89.3 | 85.4 | 69.9 | 55.7 | 50.5 | 51.8 | 53.1 | 51.8 | 53.1 | 53.1 | 53.1 |
| 95° | 68.6 | 66.0 | 58.2 | 47.9 | 42.7 | 44.0 | 42.7 | 42.7 | 44.0 | 44.0 | 42.7 |
| 97.5° | 54.4 | 54.4 | 47.9 | 40.1 | 37.5 | 36.2 | 37.5 | 36.2 | 37.5 | 36.2 | 34.9 |
| 100° | 42.7 | 42.7 | 40.1 | 34.9 | 32.4 | 31.1 | 32.4 | 31.1 | 32.4 | 31.1 | 29.8 |
| 102.5° | 33.6 | 34.9 | 33.6 | 29.8 | 28.5 | 27.2 | 27.2 | 27.2 | 27.2 | 25.9 | 25.9 |
| 105° | 25.9 | 27.2 | 28.5 | 25.9 | 24.6 | 23.3 | 23.3 | 23.3 | 23.3 | 22.0 | 20.7 |
| 107.5° | 20.7 | 22.0 | 23.3 | 22.0 | 22.0 | 20.7 | 20.7 | 20.7 | 19.4 | 18.1 | 18.1 |
| 110° | 16.8 | 18.1 | 19.4 | 19.4 | 18.1 | 18.1 | 18.1 | 18.1 | 16.8 | 15.5 | 15.5 |

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CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 14.2 | 14.2 | 15.5 | 16.8 | 16.8 | 16.8 | 16.8 | 15.5 | 14.2 | 14.2 | 14.2 |
| 115° | 11.6 | 12.9 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 12.9 | 12.9 | 11.6 | 11.6 |
| 117.5° | 10.4 | 10.4 | 11.6 | 12.9 | 12.9 | 12.9 | 12.9 | 11.6 | 10.4 | 10.4 | 11.6 |
| 120° | 9.1 | 9.1 | 10.4 | 11.6 | 11.6 | 11.6 | 11.6 | 10.4 | 9.1 | 10.4 | 10.4 |
| 122.5° | 9.1 | 9.1 | 9.1 | 10.4 | 10.4 | 10.4 | 10.4 | 9.1 | 9.1 | 9.1 | 9.1 |
| 125° | 7.8 | 7.8 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 7.8 | 7.8 | 9.1 | 9.1 |
| 127.5° | 7.8 | 7.8 | 7.8 | 7.8 | 9.1 | 9.1 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 |
| 130° | 6.5 | 6.5 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 | 6.5 | 6.5 | 7.8 | 7.8 |
| 132.5° | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 |
| 135° | 5.2 | 5.2 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 5.2 | 6.5 | 6.5 | 6.5 |
| 137.5° | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 6.5 | 6.5 |
| 140° | 3.9 | 3.9 | 3.9 | 5.2 | 5.2 | 5.2 | 5.2 | 3.9 | 5.2 | 5.2 | 5.2 |
| 142.5° | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 5.2 | 5.2 |
| 145° | 2.6 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 |
| 147.5° | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 3.9 | 3.9 | 3.9 |
| 150° | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 3.9 | 3.9 |
| 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)