

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: INVUE

Report Number:

Luminaire Tested: **ENC-SA1A-740-U-SLR-HSS-ULG**

Issue Date: 3/30/2022

**Test Information**

Test Method: LM-79-08  
Report Number: REPORT IS A COMBINATION OF REPORTS P400962 AND P226775  
Test Lab: INNOVATION CENTER  
Issue Date: 3/30/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: ENC-SA1A-740-U-SLR-HSS-ULG  
Description: ENTRI LED LUMINAIRE WITH UPLIGHT  
(1) 70 CRI, 4000K, 350mA LIGHTSQUARE WITH 16 LEDS AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

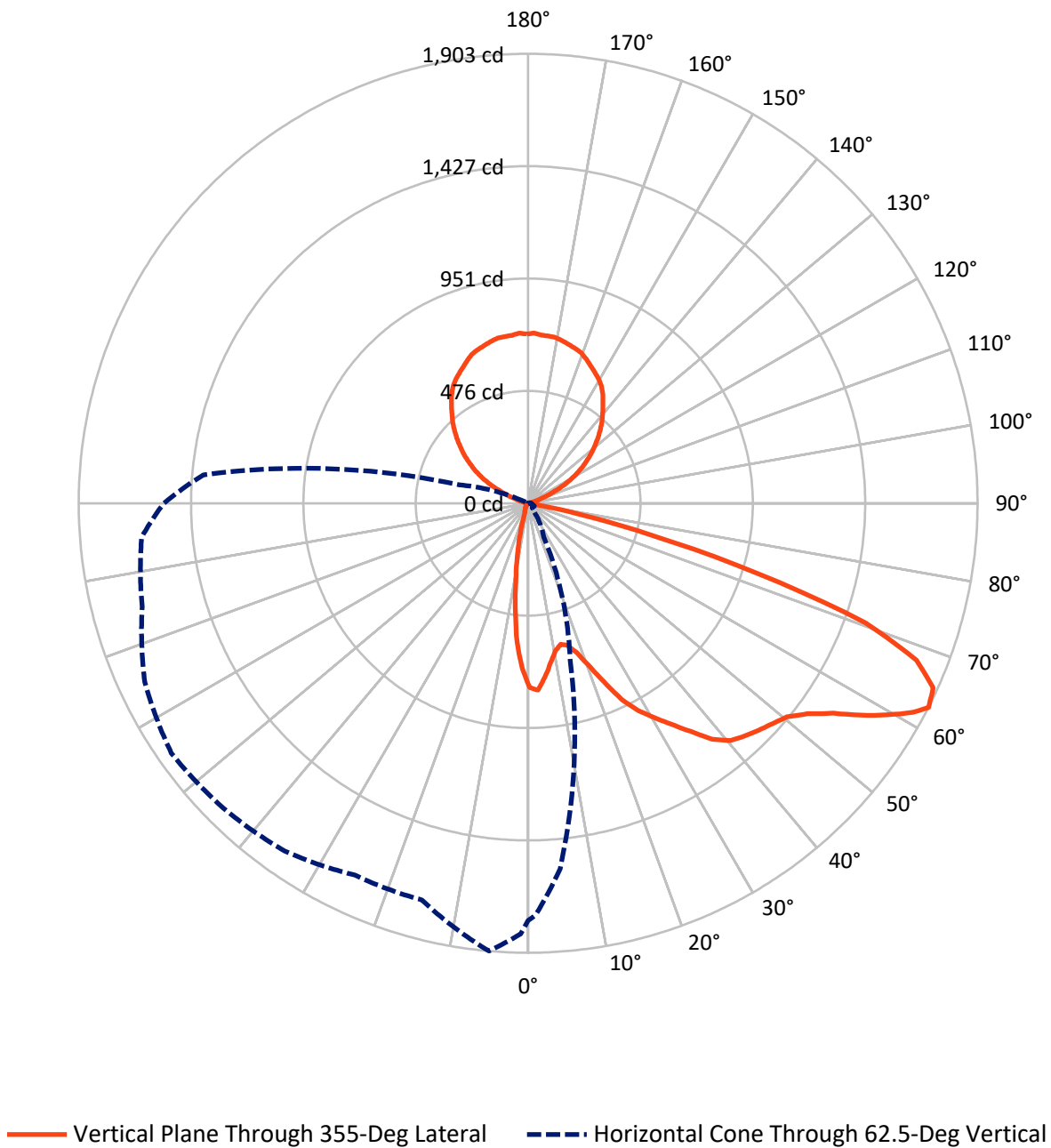
Lumens per Lamp: N/A  
Luminaire Lumens: 3828.9 lumens  
Efficiency: N/A  
Efficacy: 104.0 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 0.5' x H: 0.1')  
IES Classification: Type IV - Short  
BUG Rating: B0 - U5 - G1  
  
Input Watts (W): 36.8  
Input Voltage (V): NR  
Input Current (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:  
CATALOG NUMBER: ENC-SA1A-740-U-SLR-HSS-ULG

## Luminous Intensity Polar Plot



REPORT NUMBER:

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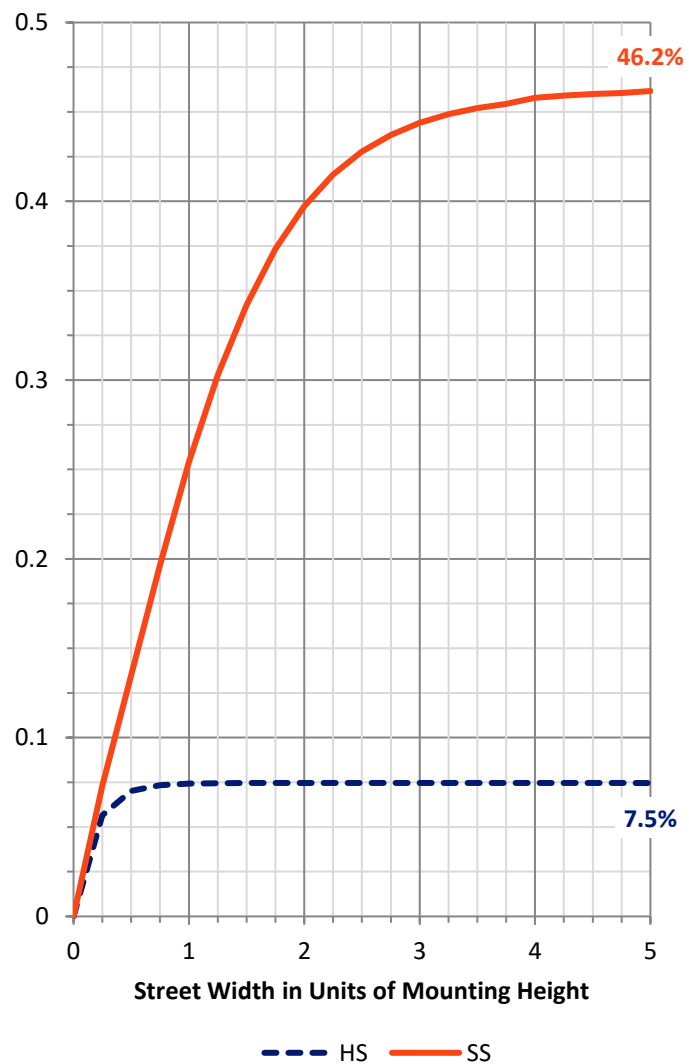
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 289.1    | 887.0  | 1176.0 |
|                    | % Fixture | 7.5      | 23.2   | 30.7   |
| <b>Street Side</b> | Lumens    | 1765.9   | 887.0  | 2652.9 |
|                    | % Fixture | 46.1     | 23.2   | 69.3   |
| <b>Total</b>       | Lumens    | 2055.0   | 1773.9 | 3828.9 |
|                    | % Fixture | 53.7     | 46.3   | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 58.5   | 1.5       |
| 10°-20°   | 111.1  | 2.9       |
| 20°-30°   | 154.6  | 4.0       |
| 30°-40°   | 223.6  | 5.8       |
| 40°-50°   | 320.6  | 8.4       |
| 50°-60°   | 465.1  | 12.1      |
| 60°-70°   | 503.2  | 13.1      |
| 70°-80°   | 203.2  | 5.3       |
| 80°-90°   | 15.1   | 0.4       |
| 90°-100°  | 8.4    | 0.2       |
| 100°-110° | 58.7   | 1.5       |
| 110°-120° | 169.9  | 4.4       |
| 120°-130° | 279.4  | 7.3       |
| 130°-140° | 344.6  | 9.0       |
| 140°-150° | 352.5  | 9.2       |
| 150°-160° | 297.0  | 7.8       |
| 160°-170° | 195.5  | 5.1       |
| 170°-180° | 67.8   | 1.8       |
| 0°-90°    | 2055.0 | 53.7      |
| 0°-180°   | 3828.9 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER:

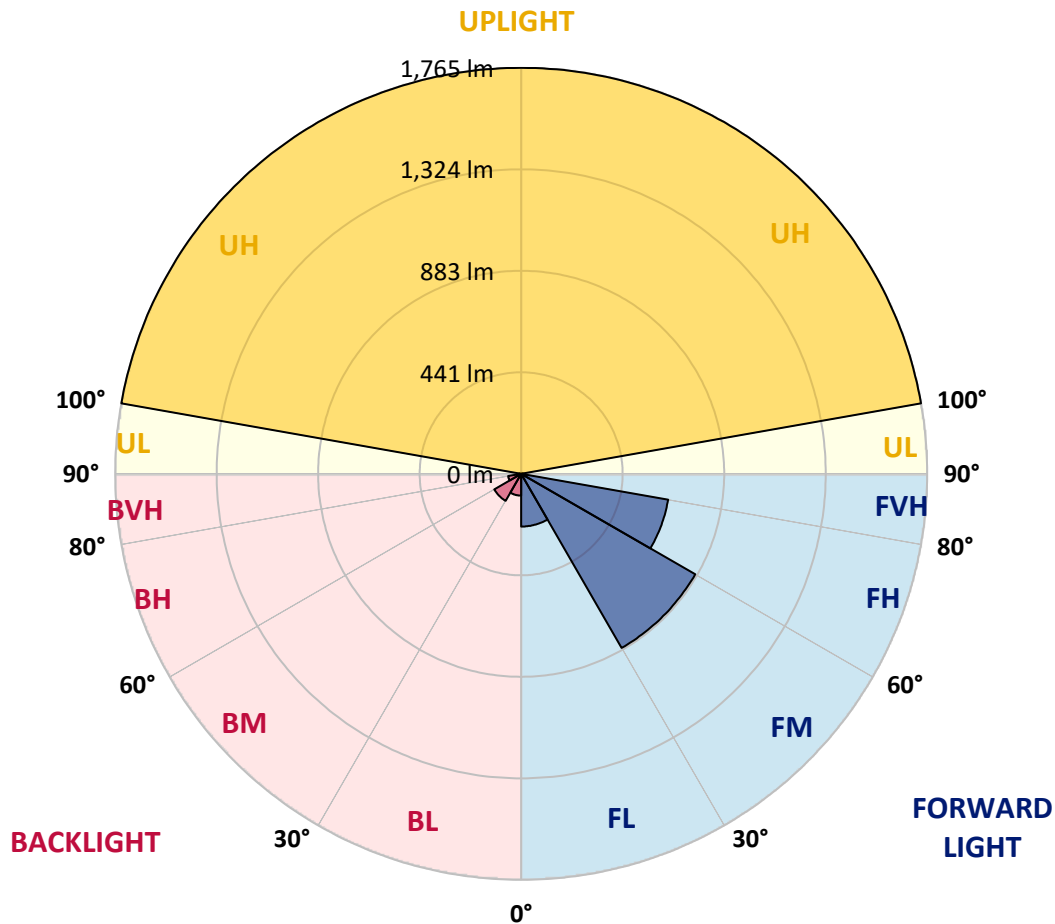
CATALOG NUMBER: ENC-SA1A-740-U-SLR-HSS-ULG

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |       |        |
|------|-------------|--------|-----------|-------------------------|-------|--------|
|      |             |        |           | B                       | U     | G      |
| FL   | (0°-30°)    | 229.4  | 6.0       |                         |       |        |
| FM   | (30°-60°)   | 874.0  | 22.8      |                         |       |        |
| FH   | (60°-80°)   | 649.0  | 16.9      |                         |       | G0/660 |
| FVH  | (80°-90°)   | 13.5   | 0.4       |                         |       | G1/100 |
| BL   | (0°-30°)    | 94.8   | 2.5       | B0/110                  |       |        |
| BM   | (30°-60°)   | 135.3  | 3.5       | B0/220                  |       |        |
| BH   | (60°-80°)   | 57.5   | 1.5       | B0/110                  |       | G0/110 |
| BVH  | (80°-90°)   | 1.5    | 0.0       |                         |       | G0/10  |
| UL   | (90°-100°)  | 8.4    | 0.2       |                         | U1/10 |        |
| UH   | (100°-180°) | 1765.5 | 46.1      |                         | U5    |        |

**BUG Rating: B0-U5-G1**

Type IV Short



REPORT NUMBER:

CATALOG NUMBER: ENC-SA1A-740-U-SLR-HSS-ULG

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 1°     | 5°     | 15°   | 25°   | 35°   | 45°   | 55°   | 65°   | 75°   | 85°   |
|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 779.5  | 779.5  | 779.5  | 779.5 | 779.5 | 779.5 | 779.5 | 779.5 | 779.5 | 779.5 | 779.5 |
| 2.5°   | 782.8  | 779.5  | 772.2  | 756.3 | 733.6 | 718.9 | 709.6 | 697.4 | 684.8 | 680.7 | 672.6 |
| 5°     | 714.4  | 709.2  | 699.0  | 659.1 | 623.4 | 587.6 | 562.0 | 537.6 | 529.4 | 513.2 | 522.9 |
| 7.5°   | 648.6  | 646.1  | 622.5  | 570.9 | 514.0 | 468.0 | 438.8 | 403.0 | 392.4 | 375.7 | 362.3 |
| 10°    | 596.9  | 594.9  | 566.4  | 498.9 | 437.5 | 399.3 | 376.1 | 353.0 | 329.8 | 306.2 | 287.5 |
| 12.5°  | 570.9  | 566.4  | 533.5  | 460.7 | 403.8 | 372.1 | 347.7 | 316.8 | 292.0 | 260.2 | 237.5 |
| 15°    | 575.0  | 570.9  | 533.1  | 454.6 | 387.5 | 343.6 | 307.4 | 270.8 | 235.8 | 204.5 | 182.2 |
| 17.5°  | 607.5  | 605.9  | 559.9  | 459.9 | 368.0 | 309.8 | 261.5 | 212.3 | 170.8 | 137.0 | 117.9 |
| 20°    | 670.9  | 666.1  | 599.4  | 471.3 | 347.7 | 270.8 | 204.5 | 143.9 | 109.4 | 86.2  | 78.1  |
| 22.5°  | 749.4  | 738.4  | 661.6  | 488.0 | 328.1 | 228.9 | 148.0 | 96.8  | 78.1  | 69.1  | 63.4  |
| 25°    | 841.7  | 842.1  | 738.8  | 510.3 | 308.6 | 189.9 | 103.7 | 76.9  | 65.9  | 59.4  | 54.5  |
| 27.5°  | 916.5  | 910.8  | 808.4  | 532.7 | 287.5 | 155.7 | 87.0  | 67.1  | 57.7  | 50.8  | 48.0  |
| 30°    | 971.8  | 963.3  | 854.3  | 548.1 | 260.2 | 131.7 | 78.1  | 63.8  | 54.5  | 46.8  | 43.1  |
| 32.5°  | 1028.8 | 1018.2 | 895.8  | 556.7 | 244.0 | 120.4 | 69.1  | 55.7  | 48.8  | 45.5  | 40.7  |
| 35°    | 1095.5 | 1086.1 | 941.7  | 555.9 | 235.4 | 113.9 | 62.6  | 50.4  | 41.5  | 36.2  | 32.9  |
| 37.5°  | 1169.9 | 1150.8 | 989.3  | 552.2 | 229.3 | 110.6 | 56.9  | 46.8  | 38.6  | 32.9  | 28.9  |
| 40°    | 1233.7 | 1214.6 | 1033.2 | 547.3 | 225.3 | 107.3 | 53.7  | 44.3  | 36.6  | 30.5  | 26.4  |
| 42.5°  | 1283.7 | 1265.4 | 1074.3 | 541.2 | 223.2 | 100.4 | 55.3  | 42.7  | 35.0  | 28.9  | 24.4  |
| 45°    | 1326.8 | 1308.1 | 1123.1 | 540.4 | 222.4 | 95.6  | 54.5  | 42.3  | 34.2  | 26.8  | 22.8  |
| 47.5°  | 1376.8 | 1367.1 | 1187.4 | 553.8 | 219.2 | 91.9  | 50.0  | 45.5  | 33.8  | 26.0  | 21.6  |
| 50°    | 1450.8 | 1442.3 | 1271.5 | 593.7 | 214.3 | 88.2  | 45.5  | 50.0  | 33.8  | 25.2  | 20.3  |
| 52.5°  | 1554.5 | 1544.8 | 1404.1 | 645.7 | 209.8 | 84.2  | 41.1  | 48.4  | 34.2  | 24.0  | 19.5  |
| 55°    | 1661.9 | 1660.3 | 1529.3 | 701.0 | 205.8 | 75.2  | 36.2  | 43.5  | 33.3  | 22.4  | 18.3  |
| 57.5°  | 1746.1 | 1744.8 | 1623.3 | 738.4 | 198.0 | 60.6  | 32.9  | 36.2  | 30.9  | 20.3  | 16.7  |
| 60°    | 1780.6 | 1770.5 | 1633.4 | 738.4 | 180.1 | 50.0  | 30.1  | 28.5  | 31.3  | 18.3  | 14.6  |
| 61°    | 1780.6 | 1767.6 | 1615.1 | 727.5 | 171.2 | 47.6  | 28.5  | 26.4  | 32.1  | 17.5  | 13.8  |
| 62.5°  | 1766.8 | 1745.2 | 1552.5 | 688.0 | 157.0 | 47.6  | 26.0  | 23.6  | 29.3  | 16.7  | 12.6  |
| 65°    | 1705.4 | 1670.0 | 1405.7 | 598.1 | 142.3 | 48.8  | 22.4  | 19.9  | 21.1  | 14.2  | 11.0  |
| 67.5°  | 1553.7 | 1513.9 | 1215.4 | 473.3 | 130.5 | 51.6  | 18.7  | 17.5  | 16.3  | 12.6  | 9.8   |
| 70°    | 1280.1 | 1246.3 | 991.8  | 354.6 | 121.2 | 52.5  | 16.3  | 14.6  | 13.8  | 11.0  | 8.5   |
| 72.5°  | 818.1  | 762.4  | 619.3  | 240.3 | 97.2  | 45.5  | 13.4  | 13.8  | 12.6  | 8.9   | 6.9   |
| 75°    | 395.2  | 410.7  | 360.3  | 121.2 | 65.5  | 29.7  | 10.6  | 11.4  | 10.2  | 8.1   | 6.1   |
| 77.5°  | 176.9  | 173.6  | 172.0  | 30.9  | 16.7  | 10.2  | 6.5   | 7.7   | 8.1   | 7.3   | 5.3   |
| 80°    | 18.3   | 24.8   | 14.6   | 9.4   | 6.1   | 4.5   | 3.7   | 4.1   | 4.9   | 5.3   | 2.8   |
| 82.5°  | 0.8    | 0.4    | 0.4    | 1.2   | 1.2   | 0.8   | 0.0   | 0.0   | 0.8   | 0.8   | 0.4   |
| 85°    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 87.5°  | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 90°    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 92.5°  | 4.1    | 4.1    | 4.1    | 5.1   | 6.1   | 6.1   | 6.1   | 7.2   | 7.2   | 6.1   | 6.1   |
| 95°    | 5.1    | 5.1    | 5.1    | 6.1   | 7.2   | 7.2   | 7.2   | 7.2   | 8.2   | 7.2   | 7.2   |
| 97.5°  | 7.2    | 7.2    | 7.2    | 8.2   | 8.2   | 9.2   | 9.2   | 12.3  | 10.2  | 9.2   | 8.2   |
| 100°   | 8.2    | 8.2    | 8.2    | 9.2   | 10.2  | 12.3  | 21.5  | 29.7  | 26.6  | 23.5  | 19.4  |
| 102.5° | 11.3   | 11.3   | 11.3   | 13.3  | 18.4  | 27.6  | 40.9  | 51.1  | 48.1  | 43.0  | 39.9  |
| 105°   | 21.5   | 21.7   | 22.5   | 27.6  | 36.8  | 49.1  | 64.4  | 73.7  | 71.6  | 66.5  | 62.4  |
| 107.5° | 41.9   | 42.1   | 43.0   | 50.1  | 59.3  | 74.7  | 90.0  | 97.2  | 96.2  | 92.1  | 89.0  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 1°    | 5°    | 15°   | 25°   | 35°   | 45°   | 55°   | 65°   | 75°   | 85°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 110°   | 67.5  | 67.9  | 69.6  | 75.7  | 89.0  | 104.3 | 116.6 | 122.8 | 123.8 | 121.7 | 118.7 |
| 112.5° | 101.3 | 101.3 | 101.3 | 108.4 | 123.8 | 137.1 | 146.3 | 151.4 | 153.4 | 152.4 | 150.4 |
| 115°   | 143.2 | 143.0 | 142.2 | 150.4 | 162.6 | 171.9 | 178.0 | 183.1 | 186.2 | 183.1 | 181.1 |
| 117.5° | 188.2 | 188.2 | 188.2 | 193.3 | 201.5 | 206.6 | 209.7 | 215.8 | 219.9 | 214.8 | 212.8 |
| 120°   | 230.2 | 229.8 | 228.1 | 231.2 | 238.3 | 242.4 | 248.6 | 251.6 | 255.7 | 250.6 | 248.6 |
| 122.5° | 269.0 | 268.4 | 266.0 | 267.0 | 273.1 | 277.2 | 283.4 | 285.4 | 289.5 | 284.4 | 282.3 |
| 125°   | 304.8 | 304.0 | 300.7 | 302.8 | 305.9 | 312.0 | 317.1 | 320.2 | 322.2 | 317.1 | 317.1 |
| 127.5° | 337.6 | 337.4 | 336.6 | 336.6 | 340.6 | 346.8 | 347.8 | 352.9 | 353.9 | 353.9 | 352.9 |
| 130°   | 371.3 | 370.9 | 369.3 | 370.3 | 374.4 | 378.5 | 380.5 | 385.7 | 389.7 | 389.7 | 387.7 |
| 132.5° | 405.1 | 404.7 | 403.0 | 402.0 | 410.2 | 413.3 | 414.3 | 420.4 | 425.5 | 423.5 | 423.5 |
| 135°   | 438.8 | 438.2 | 435.8 | 435.8 | 441.9 | 445.0 | 447.0 | 453.2 | 458.3 | 457.3 | 460.3 |
| 137.5° | 470.6 | 470.0 | 467.5 | 469.5 | 470.6 | 474.6 | 478.7 | 483.9 | 485.9 | 486.9 | 492.0 |
| 140°   | 499.2 | 498.6 | 496.1 | 498.2 | 500.2 | 502.3 | 508.4 | 511.5 | 513.5 | 515.6 | 520.7 |
| 142.5° | 529.9 | 529.3 | 526.8 | 528.9 | 529.9 | 533.0 | 537.0 | 539.1 | 545.2 | 545.2 | 546.3 |
| 145°   | 562.6 | 561.8 | 558.5 | 556.5 | 559.6 | 562.6 | 563.6 | 568.8 | 574.9 | 573.9 | 570.8 |
| 147.5° | 588.2 | 587.6 | 585.1 | 584.1 | 587.2 | 587.2 | 588.2 | 593.3 | 598.4 | 599.4 | 596.4 |
| 150°   | 608.7 | 608.1 | 605.6 | 606.6 | 606.6 | 606.6 | 606.6 | 610.7 | 613.8 | 616.8 | 619.9 |
| 152.5° | 625.0 | 624.4 | 622.0 | 622.0 | 623.0 | 624.0 | 624.0 | 625.0 | 628.1 | 632.2 | 637.3 |
| 155°   | 643.4 | 642.6 | 639.3 | 639.3 | 641.4 | 644.5 | 642.4 | 640.4 | 645.5 | 650.6 | 652.6 |
| 157.5° | 660.8 | 660.2 | 657.8 | 657.8 | 658.8 | 660.8 | 659.8 | 658.8 | 662.9 | 664.9 | 664.9 |
| 160°   | 678.2 | 677.6 | 675.1 | 674.1 | 671.1 | 670.0 | 670.0 | 673.1 | 679.2 | 676.2 | 675.1 |
| 162.5° | 688.4 | 687.6 | 684.4 | 684.4 | 680.3 | 676.2 | 678.2 | 682.3 | 686.4 | 685.4 | 683.3 |
| 165°   | 696.6 | 696.0 | 693.6 | 691.5 | 691.5 | 688.4 | 688.4 | 687.4 | 692.5 | 695.6 | 693.6 |
| 167.5° | 705.8 | 705.2 | 702.8 | 699.7 | 701.7 | 703.8 | 700.7 | 693.6 | 699.7 | 703.8 | 703.8 |
| 170°   | 714.0 | 713.4 | 711.0 | 707.9 | 707.9 | 708.9 | 706.9 | 701.7 | 704.8 | 709.9 | 712.0 |
| 172.5° | 715.0 | 714.6 | 713.0 | 711.0 | 708.9 | 705.8 | 705.8 | 704.8 | 707.9 | 709.9 | 712.0 |
| 175°   | 716.1 | 715.7 | 714.0 | 713.0 | 711.0 | 706.9 | 705.8 | 705.8 | 711.0 | 712.0 | 709.9 |
| 177.5° | 723.2 | 722.8 | 721.2 | 716.1 | 715.0 | 713.0 | 711.0 | 709.9 | 715.0 | 717.1 | 714.0 |
| 180°   | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 |

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**CANDELA DISTRIBUTION (continued):**

|        | 90°   | 95°   | 105°  | 115°  | 125°  | 135°  | 145°  | 155°  | 165°  | 175°  | 180°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 779.5 | 779.5 | 779.5 | 779.5 | 779.5 | 779.5 | 779.5 | 779.5 | 779.5 | 779.5 | 779.5 |
| 2.5°   | 665.2 | 676.2 | 671.3 | 670.1 | 676.6 | 673.4 | 683.1 | 683.5 | 690.9 | 700.6 | 706.7 |
| 5°     | 522.9 | 514.4 | 531.5 | 542.8 | 557.1 | 552.6 | 569.7 | 567.7 | 577.0 | 592.5 | 586.4 |
| 7.5°   | 363.1 | 364.3 | 373.3 | 383.4 | 421.7 | 429.4 | 435.1 | 439.6 | 439.2 | 442.8 | 449.3 |
| 10°    | 277.7 | 270.8 | 264.7 | 278.9 | 294.0 | 310.7 | 313.1 | 319.2 | 302.5 | 309.4 | 312.7 |
| 12.5°  | 227.3 | 219.2 | 205.8 | 198.4 | 202.1 | 211.9 | 215.9 | 219.6 | 209.8 | 210.2 | 217.5 |
| 15°    | 172.4 | 161.4 | 156.1 | 146.4 | 142.7 | 141.9 | 143.9 | 138.7 | 137.4 | 133.0 | 135.8 |
| 17.5°  | 112.2 | 109.0 | 106.1 | 104.1 | 101.3 | 100.4 | 93.1  | 80.5  | 73.2  | 71.6  | 71.6  |
| 20°    | 74.8  | 72.4  | 72.4  | 76.4  | 75.2  | 72.0  | 62.2  | 51.6  | 46.4  | 44.7  | 45.5  |
| 22.5°  | 61.4  | 59.8  | 57.3  | 57.3  | 59.0  | 56.5  | 47.6  | 39.8  | 36.2  | 36.2  | 36.2  |
| 25°    | 53.3  | 52.5  | 50.0  | 47.6  | 48.4  | 46.4  | 38.6  | 33.8  | 31.3  | 30.9  | 31.3  |
| 27.5°  | 46.8  | 46.4  | 43.5  | 41.1  | 41.1  | 39.4  | 33.3  | 28.9  | 27.2  | 26.4  | 26.8  |
| 30°    | 42.3  | 41.5  | 38.2  | 36.2  | 35.8  | 34.2  | 28.5  | 25.2  | 23.6  | 23.2  | 23.2  |
| 32.5°  | 39.0  | 37.4  | 34.6  | 32.5  | 31.3  | 28.9  | 24.8  | 21.6  | 19.9  | 19.5  | 19.5  |
| 35°    | 31.3  | 31.3  | 30.1  | 28.9  | 27.2  | 23.6  | 20.7  | 17.9  | 16.3  | 15.9  | 15.9  |
| 37.5°  | 27.2  | 25.6  | 23.6  | 24.0  | 23.2  | 19.9  | 17.1  | 14.2  | 13.0  | 12.6  | 12.6  |
| 40°    | 24.8  | 22.8  | 19.9  | 18.7  | 19.1  | 17.5  | 14.2  | 11.0  | 9.4   | 9.8   | 9.4   |
| 42.5°  | 22.4  | 20.7  | 17.5  | 14.6  | 14.2  | 14.6  | 11.0  | 7.7   | 6.5   | 6.5   | 6.5   |
| 45°    | 20.7  | 19.1  | 15.5  | 12.2  | 10.2  | 11.4  | 8.5   | 5.3   | 4.1   | 4.1   | 4.1   |
| 47.5°  | 19.5  | 17.9  | 13.8  | 10.2  | 7.3   | 7.7   | 6.1   | 3.3   | 2.4   | 1.6   | 2.0   |
| 50°    | 18.7  | 16.7  | 12.6  | 8.1   | 5.3   | 4.5   | 4.1   | 1.6   | 0.4   | 0.4   | 0.0   |
| 52.5°  | 17.5  | 15.9  | 11.4  | 6.9   | 4.1   | 2.8   | 2.0   | 0.4   | 0.0   | 0.0   | 0.0   |
| 55°    | 16.7  | 14.6  | 10.2  | 6.1   | 3.3   | 1.6   | 0.4   | 0.0   | 0.0   | 0.0   | 0.0   |
| 57.5°  | 15.0  | 13.4  | 8.9   | 4.9   | 2.4   | 0.8   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 60°    | 13.4  | 12.2  | 7.7   | 3.7   | 1.6   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 61°    | 12.6  | 11.4  | 7.3   | 3.3   | 1.2   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 62.5°  | 11.8  | 10.6  | 6.5   | 2.4   | 0.8   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 65°    | 10.2  | 8.9   | 5.7   | 1.6   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 67.5°  | 8.9   | 8.1   | 4.9   | 0.8   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 70°    | 7.7   | 6.9   | 3.7   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 72.5°  | 6.5   | 6.1   | 2.8   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 75°    | 5.7   | 4.9   | 2.4   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 77.5°  | 4.5   | 4.1   | 2.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 80°    | 2.4   | 2.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 82.5°  | 0.4   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 85°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 87.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 90°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 92.5°  | 6.1   | 6.1   | 6.1   | 7.2   | 7.2   | 6.1   | 6.1   | 6.1   | 5.1   | 4.1   | 4.1   |
| 95°    | 7.2   | 7.2   | 7.2   | 8.2   | 7.2   | 7.2   | 7.2   | 7.2   | 6.1   | 5.1   | 5.1   |
| 97.5°  | 8.2   | 8.2   | 9.2   | 10.2  | 12.3  | 9.2   | 9.2   | 8.2   | 8.2   | 7.2   | 7.2   |
| 100°   | 19.4  | 19.4  | 23.5  | 26.6  | 29.7  | 21.5  | 12.3  | 10.2  | 9.2   | 8.2   | 8.2   |
| 102.5° | 38.9  | 39.9  | 43.0  | 48.1  | 51.1  | 40.9  | 27.6  | 18.4  | 13.3  | 11.3  | 11.3  |
| 105°   | 62.4  | 62.4  | 66.5  | 71.6  | 73.7  | 64.4  | 49.1  | 36.8  | 27.6  | 22.5  | 21.5  |
| 107.5° | 88.0  | 89.0  | 92.1  | 96.2  | 97.2  | 90.0  | 74.7  | 59.3  | 50.1  | 43.0  | 41.9  |

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CATALOG NUMBER: ENC-SA1A-740-U-SLR-HSS-ULG

**CANDELA DISTRIBUTION (continued):**

|        | 90°   | 95°   | 105°  | 115°  | 125°  | 135°  | 145°  | 155°  | 165°  | 175°  | 180°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 110°   | 119.7 | 118.7 | 121.7 | 123.8 | 122.8 | 116.6 | 104.3 | 89.0  | 75.7  | 69.6  | 67.5  |
| 112.5° | 150.4 | 150.4 | 152.4 | 153.4 | 151.4 | 146.3 | 137.1 | 123.8 | 108.4 | 101.3 | 101.3 |
| 115°   | 182.1 | 181.1 | 183.1 | 186.2 | 183.1 | 178.0 | 171.9 | 162.6 | 150.4 | 142.2 | 143.2 |
| 117.5° | 213.8 | 212.8 | 214.8 | 219.9 | 215.8 | 209.7 | 206.6 | 201.5 | 193.3 | 188.2 | 188.2 |
| 120°   | 248.6 | 248.6 | 250.6 | 255.7 | 251.6 | 248.6 | 242.4 | 238.3 | 231.2 | 228.1 | 230.2 |
| 122.5° | 283.4 | 282.3 | 284.4 | 289.5 | 285.4 | 283.4 | 277.2 | 273.1 | 267.0 | 266.0 | 269.0 |
| 125°   | 317.1 | 317.1 | 317.1 | 322.2 | 320.2 | 317.1 | 312.0 | 305.9 | 302.8 | 300.7 | 304.8 |
| 127.5° | 355.0 | 352.9 | 353.9 | 353.9 | 352.9 | 347.8 | 346.8 | 340.6 | 336.6 | 336.6 | 337.6 |
| 130°   | 388.7 | 387.7 | 389.7 | 389.7 | 385.7 | 380.5 | 378.5 | 374.4 | 370.3 | 369.3 | 371.3 |
| 132.5° | 424.5 | 423.5 | 423.5 | 425.5 | 420.4 | 414.3 | 413.3 | 410.2 | 402.0 | 403.0 | 405.1 |
| 135°   | 461.4 | 460.3 | 457.3 | 458.3 | 453.2 | 447.0 | 445.0 | 441.9 | 435.8 | 435.8 | 438.8 |
| 137.5° | 493.1 | 492.0 | 486.9 | 485.9 | 483.9 | 478.7 | 474.6 | 470.6 | 469.5 | 467.5 | 470.6 |
| 140°   | 522.7 | 520.7 | 515.6 | 513.5 | 511.5 | 508.4 | 502.3 | 500.2 | 498.2 | 496.1 | 499.2 |
| 142.5° | 548.3 | 546.3 | 545.2 | 545.2 | 539.1 | 537.0 | 533.0 | 529.9 | 528.9 | 526.8 | 529.9 |
| 145°   | 572.9 | 570.8 | 573.9 | 574.9 | 568.8 | 563.6 | 562.6 | 559.6 | 556.5 | 558.5 | 562.6 |
| 147.5° | 598.4 | 596.4 | 599.4 | 598.4 | 593.3 | 588.2 | 587.2 | 587.2 | 584.1 | 585.1 | 588.2 |
| 150°   | 624.0 | 619.9 | 616.8 | 613.8 | 610.7 | 606.6 | 606.6 | 606.6 | 606.6 | 605.6 | 608.7 |
| 152.5° | 642.4 | 637.3 | 632.2 | 628.1 | 625.0 | 624.0 | 624.0 | 623.0 | 622.0 | 622.0 | 625.0 |
| 155°   | 655.7 | 652.6 | 650.6 | 645.5 | 640.4 | 642.4 | 644.5 | 641.4 | 639.3 | 639.3 | 643.4 |
| 157.5° | 670.0 | 664.9 | 664.9 | 662.9 | 658.8 | 659.8 | 660.8 | 658.8 | 657.8 | 657.8 | 660.8 |
| 160°   | 681.3 | 675.1 | 676.2 | 679.2 | 673.1 | 670.0 | 670.0 | 671.1 | 674.1 | 675.1 | 678.2 |
| 162.5° | 689.5 | 683.3 | 685.4 | 686.4 | 682.3 | 678.2 | 676.2 | 680.3 | 684.4 | 684.4 | 688.4 |
| 165°   | 697.7 | 693.6 | 695.6 | 692.5 | 687.4 | 688.4 | 688.4 | 691.5 | 691.5 | 693.6 | 696.6 |
| 167.5° | 709.9 | 703.8 | 703.8 | 699.7 | 693.6 | 700.7 | 703.8 | 701.7 | 699.7 | 702.8 | 705.8 |
| 170°   | 717.1 | 712.0 | 709.9 | 704.8 | 701.7 | 706.9 | 708.9 | 707.9 | 707.9 | 711.0 | 714.0 |
| 172.5° | 717.1 | 712.0 | 709.9 | 707.9 | 704.8 | 705.8 | 705.8 | 708.9 | 711.0 | 713.0 | 715.0 |
| 175°   | 715.0 | 709.9 | 712.0 | 711.0 | 705.8 | 705.8 | 706.9 | 711.0 | 713.0 | 714.0 | 716.1 |
| 177.5° | 718.1 | 714.0 | 717.1 | 715.0 | 709.9 | 711.0 | 713.0 | 715.0 | 716.1 | 721.2 | 723.2 |
| 180°   | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 |

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**CANDELA DISTRIBUTION (continued):**

|        | 185°  | 195°  | 205°  | 215°  | 225°  | 235°  | 245°  | 255°  | 265°   | 270°   | 275°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| 0°     | 779.5 | 779.5 | 779.5 | 779.5 | 779.5 | 779.5 | 779.5 | 779.5 | 779.5  | 779.5  | 779.5  |
| 2.5°   | 712.4 | 726.6 | 740.1 | 757.1 | 766.5 | 792.1 | 810.4 | 825.9 | 838.1  | 840.5  | 850.3  |
| 5°     | 602.6 | 622.5 | 635.6 | 671.3 | 691.3 | 734.0 | 766.9 | 805.9 | 840.9  | 860.0  | 877.5  |
| 7.5°   | 453.8 | 463.6 | 485.9 | 521.7 | 568.9 | 605.9 | 661.6 | 710.8 | 773.8  | 808.4  | 840.9  |
| 10°    | 320.4 | 329.4 | 362.3 | 399.7 | 442.8 | 505.0 | 572.5 | 637.2 | 701.0  | 745.3  | 783.6  |
| 12.5°  | 225.3 | 254.5 | 287.1 | 334.7 | 376.9 | 422.5 | 494.5 | 570.1 | 649.8  | 692.1  | 733.6  |
| 15°    | 148.0 | 174.0 | 219.2 | 278.9 | 331.8 | 376.1 | 443.2 | 531.9 | 633.1  | 680.3  | 719.7  |
| 17.5°  | 73.2  | 92.3  | 132.2 | 196.4 | 266.7 | 336.7 | 417.6 | 525.0 | 654.7  | 707.9  | 744.9  |
| 20°    | 45.9  | 51.6  | 66.3  | 111.0 | 191.9 | 295.2 | 398.5 | 538.8 | 713.2  | 772.2  | 796.2  |
| 22.5°  | 37.0  | 38.6  | 44.3  | 59.0  | 117.1 | 244.0 | 381.8 | 557.5 | 777.5  | 849.4  | 874.2  |
| 25°    | 31.7  | 32.9  | 36.2  | 43.5  | 67.9  | 183.0 | 361.5 | 590.4 | 852.3  | 939.3  | 945.4  |
| 27.5°  | 27.2  | 28.5  | 31.3  | 37.0  | 48.4  | 123.2 | 332.2 | 629.1 | 941.7  | 1018.2 | 1014.1 |
| 30°    | 23.2  | 24.8  | 27.7  | 31.7  | 38.2  | 83.4  | 277.7 | 668.1 | 1007.6 | 1069.0 | 1062.5 |
| 32.5°  | 19.9  | 21.1  | 23.6  | 27.2  | 31.7  | 57.3  | 208.6 | 693.7 | 1062.5 | 1117.0 | 1102.8 |
| 35°    | 16.3  | 17.5  | 19.5  | 22.8  | 25.6  | 40.7  | 157.8 | 694.5 | 1119.0 | 1176.4 | 1140.6 |
| 37.5°  | 13.0  | 13.8  | 15.9  | 18.7  | 21.1  | 31.7  | 115.9 | 681.1 | 1189.0 | 1253.6 | 1183.7 |
| 40°    | 9.8   | 11.0  | 13.0  | 15.5  | 17.9  | 26.8  | 86.6  | 648.6 | 1257.3 | 1330.9 | 1235.7 |
| 42.5°  | 6.5   | 8.1   | 10.2  | 12.6  | 17.1  | 21.6  | 61.0  | 594.5 | 1312.6 | 1399.6 | 1286.6 |
| 45°    | 4.1   | 5.3   | 7.7   | 10.6  | 17.5  | 17.1  | 40.7  | 529.8 | 1352.0 | 1452.1 | 1321.1 |
| 47.5°  | 2.0   | 3.3   | 5.7   | 10.2  | 15.5  | 12.6  | 25.2  | 468.0 | 1387.8 | 1482.6 | 1337.0 |
| 50°    | 0.4   | 1.2   | 4.1   | 12.6  | 13.0  | 9.4   | 16.7  | 429.4 | 1406.5 | 1474.8 | 1335.4 |
| 52.5°  | 0.0   | 0.0   | 2.8   | 12.2  | 9.4   | 7.3   | 13.0  | 423.7 | 1435.8 | 1485.0 | 1363.4 |
| 55°    | 0.0   | 0.0   | 1.2   | 5.3   | 5.3   | 6.1   | 11.4  | 416.0 | 1487.8 | 1545.6 | 1448.0 |
| 57.5°  | 0.0   | 0.0   | 0.0   | 2.4   | 3.3   | 4.9   | 10.6  | 395.6 | 1542.7 | 1609.8 | 1550.9 |
| 60°    | 0.0   | 0.0   | 0.0   | 1.2   | 2.0   | 4.1   | 9.4   | 349.3 | 1492.3 | 1610.2 | 1636.3 |
| 61°    | 0.0   | 0.0   | 0.0   | 1.2   | 1.6   | 3.7   | 8.5   | 333.0 | 1447.2 | 1584.2 | 1646.8 |
| 62.5°  | 0.0   | 0.0   | 0.0   | 0.4   | 1.2   | 2.8   | 7.3   | 300.9 | 1379.7 | 1542.3 | 1642.0 |
| 65°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.4   | 1.6   | 5.7   | 243.2 | 1267.1 | 1437.0 | 1585.8 |
| 67.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.4   | 3.7   | 171.2 | 1105.2 | 1317.9 | 1465.9 |
| 70°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 1.6   | 99.2  | 890.5  | 1115.8 | 1255.7 |
| 72.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.8   | 45.1  | 577.8  | 861.6  | 990.5  |
| 75°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 19.1  | 355.8  | 622.5  | 740.1  |
| 77.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 8.5   | 241.1  | 414.4  | 498.1  |
| 80°    | 0.0   | 0.8   | 0.4   | 0.0   | 0.0   | 0.0   | 0.0   | 3.3   | 148.4  | 258.6  | 281.0  |
| 82.5°  | 0.0   | 0.4   | 0.4   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 76.9   | 182.6  | 186.2  |
| 85°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 32.1   | 38.6   |
| 87.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0    | 0.0    |
| 90°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0    | 0.0    |
| 92.5°  | 4.1   | 5.1   | 6.1   | 6.1   | 6.1   | 7.2   | 7.2   | 6.1   | 6.1    | 6.1    | 6.1    |
| 95°    | 5.1   | 6.1   | 7.2   | 7.2   | 7.2   | 7.2   | 8.2   | 7.2   | 7.2    | 7.2    | 7.2    |
| 97.5°  | 7.2   | 8.2   | 8.2   | 9.2   | 9.2   | 12.3  | 10.2  | 9.2   | 8.2    | 8.2    | 8.2    |
| 100°   | 8.2   | 9.2   | 10.2  | 12.3  | 21.5  | 29.7  | 26.6  | 23.5  | 19.4   | 19.4   | 19.4   |
| 102.5° | 11.3  | 13.3  | 18.4  | 27.6  | 40.9  | 51.1  | 48.1  | 43.0  | 39.9   | 38.9   | 39.9   |
| 105°   | 22.5  | 27.6  | 36.8  | 49.1  | 64.4  | 73.7  | 71.6  | 66.5  | 62.4   | 62.4   | 62.4   |
| 107.5° | 43.0  | 50.1  | 59.3  | 74.7  | 90.0  | 97.2  | 96.2  | 92.1  | 89.0   | 88.0   | 89.0   |

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**CANDELA DISTRIBUTION (continued):**

|        | 185°  | 195°  | 205°  | 215°  | 225°  | 235°  | 245°  | 255°  | 265°  | 270°  | 275°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 110°   | 69.6  | 75.7  | 89.0  | 104.3 | 116.6 | 122.8 | 123.8 | 121.7 | 118.7 | 119.7 | 118.7 |
| 112.5° | 101.3 | 108.4 | 123.8 | 137.1 | 146.3 | 151.4 | 153.4 | 152.4 | 150.4 | 150.4 | 150.4 |
| 115°   | 142.2 | 150.4 | 162.6 | 171.9 | 178.0 | 183.1 | 186.2 | 183.1 | 181.1 | 182.1 | 181.1 |
| 117.5° | 188.2 | 193.3 | 201.5 | 206.6 | 209.7 | 215.8 | 219.9 | 214.8 | 212.8 | 213.8 | 212.8 |
| 120°   | 228.1 | 231.2 | 238.3 | 242.4 | 248.6 | 251.6 | 255.7 | 250.6 | 248.6 | 248.6 | 248.6 |
| 122.5° | 266.0 | 267.0 | 273.1 | 277.2 | 283.4 | 285.4 | 289.5 | 284.4 | 282.3 | 283.4 | 282.3 |
| 125°   | 300.7 | 302.8 | 305.9 | 312.0 | 317.1 | 320.2 | 322.2 | 317.1 | 317.1 | 317.1 | 317.1 |
| 127.5° | 336.6 | 336.6 | 340.6 | 346.8 | 347.8 | 352.9 | 353.9 | 353.9 | 352.9 | 355.0 | 352.9 |
| 130°   | 369.3 | 370.3 | 374.4 | 378.5 | 380.5 | 385.7 | 389.7 | 389.7 | 387.7 | 388.7 | 387.7 |
| 132.5° | 403.0 | 402.0 | 410.2 | 413.3 | 414.3 | 420.4 | 425.5 | 423.5 | 423.5 | 424.5 | 423.5 |
| 135°   | 435.8 | 435.8 | 441.9 | 445.0 | 447.0 | 453.2 | 458.3 | 457.3 | 460.3 | 461.4 | 460.3 |
| 137.5° | 467.5 | 469.5 | 470.6 | 474.6 | 478.7 | 483.9 | 485.9 | 486.9 | 492.0 | 493.1 | 492.0 |
| 140°   | 496.1 | 498.2 | 500.2 | 502.3 | 508.4 | 511.5 | 513.5 | 515.6 | 520.7 | 522.7 | 520.7 |
| 142.5° | 526.8 | 528.9 | 529.9 | 533.0 | 537.0 | 539.1 | 545.2 | 545.2 | 546.3 | 548.3 | 546.3 |
| 145°   | 558.5 | 556.5 | 559.6 | 562.6 | 563.6 | 568.8 | 574.9 | 573.9 | 570.8 | 572.9 | 570.8 |
| 147.5° | 585.1 | 584.1 | 587.2 | 587.2 | 588.2 | 593.3 | 598.4 | 599.4 | 596.4 | 598.4 | 596.4 |
| 150°   | 605.6 | 606.6 | 606.6 | 606.6 | 606.6 | 610.7 | 613.8 | 616.8 | 619.9 | 624.0 | 619.9 |
| 152.5° | 622.0 | 622.0 | 623.0 | 624.0 | 624.0 | 625.0 | 628.1 | 632.2 | 637.3 | 642.4 | 637.3 |
| 155°   | 639.3 | 639.3 | 641.4 | 644.5 | 642.4 | 640.4 | 645.5 | 650.6 | 652.6 | 655.7 | 652.6 |
| 157.5° | 657.8 | 657.8 | 658.8 | 660.8 | 659.8 | 658.8 | 662.9 | 664.9 | 664.9 | 670.0 | 664.9 |
| 160°   | 675.1 | 674.1 | 671.1 | 670.0 | 670.0 | 673.1 | 679.2 | 676.2 | 675.1 | 681.3 | 675.1 |
| 162.5° | 684.4 | 684.4 | 680.3 | 676.2 | 678.2 | 682.3 | 686.4 | 685.4 | 683.3 | 689.5 | 683.3 |
| 165°   | 693.6 | 691.5 | 691.5 | 688.4 | 688.4 | 687.4 | 692.5 | 695.6 | 693.6 | 697.7 | 693.6 |
| 167.5° | 702.8 | 699.7 | 701.7 | 703.8 | 700.7 | 693.6 | 699.7 | 703.8 | 703.8 | 709.9 | 703.8 |
| 170°   | 711.0 | 707.9 | 707.9 | 708.9 | 706.9 | 701.7 | 704.8 | 709.9 | 712.0 | 717.1 | 712.0 |
| 172.5° | 713.0 | 711.0 | 708.9 | 705.8 | 705.8 | 704.8 | 707.9 | 709.9 | 712.0 | 717.1 | 712.0 |
| 175°   | 714.0 | 713.0 | 711.0 | 706.9 | 705.8 | 705.8 | 711.0 | 712.0 | 709.9 | 715.0 | 709.9 |
| 177.5° | 721.2 | 716.1 | 715.0 | 713.0 | 711.0 | 709.9 | 715.0 | 717.1 | 714.0 | 718.1 | 714.0 |
| 180°   | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 |

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**CANDELA DISTRIBUTION (continued):**

|        | 285°   | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°   | 359°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 779.5  | 779.5  | 779.5  | 779.5  | 779.5  | 779.5  | 779.5  | 779.5  | 779.5  | 779.5  |
| 2.5°   | 859.2  | 861.6  | 863.3  | 860.4  | 842.9  | 833.2  | 813.7  | 792.1  | 784.8  | 782.8  |
| 5°     | 909.2  | 923.0  | 920.6  | 901.9  | 871.4  | 834.0  | 787.6  | 739.7  | 721.4  | 714.4  |
| 7.5°   | 899.5  | 935.6  | 942.6  | 923.0  | 871.4  | 805.9  | 738.8  | 681.9  | 655.5  | 648.6  |
| 10°    | 849.9  | 895.4  | 917.4  | 911.3  | 862.9  | 787.2  | 704.7  | 634.7  | 605.9  | 596.9  |
| 12.5°  | 801.9  | 845.8  | 859.6  | 864.5  | 838.1  | 772.6  | 687.6  | 612.4  | 582.3  | 570.9  |
| 15°    | 769.7  | 797.0  | 796.2  | 805.1  | 803.1  | 766.9  | 698.6  | 623.8  | 590.0  | 575.0  |
| 17.5°  | 759.2  | 751.0  | 740.5  | 747.8  | 762.0  | 768.5  | 734.4  | 664.4  | 625.0  | 607.5  |
| 20°    | 765.7  | 725.8  | 702.7  | 702.2  | 732.3  | 781.9  | 786.8  | 731.5  | 694.5  | 670.9  |
| 22.5°  | 799.0  | 713.2  | 677.4  | 678.3  | 715.3  | 801.9  | 847.4  | 819.4  | 778.7  | 749.4  |
| 25°    | 848.2  | 715.7  | 667.7  | 672.6  | 713.6  | 819.4  | 912.9  | 919.4  | 867.3  | 841.7  |
| 27.5°  | 898.2  | 736.8  | 668.1  | 673.4  | 720.5  | 828.7  | 950.3  | 993.0  | 948.3  | 916.5  |
| 30°    | 933.2  | 762.8  | 675.4  | 681.1  | 731.5  | 836.0  | 964.5  | 1053.6 | 1007.2 | 971.8  |
| 32.5°  | 966.1  | 789.7  | 687.2  | 692.9  | 753.5  | 851.1  | 991.4  | 1114.6 | 1063.7 | 1028.8 |
| 35°    | 998.3  | 816.1  | 709.2  | 719.3  | 788.9  | 878.3  | 1018.6 | 1186.1 | 1143.8 | 1095.5 |
| 37.5°  | 1025.9 | 845.4  | 747.0  | 768.5  | 836.8  | 920.2  | 1055.6 | 1267.5 | 1223.9 | 1169.9 |
| 40°    | 1049.1 | 879.9  | 825.0  | 849.0  | 910.0  | 964.5  | 1096.7 | 1320.7 | 1291.9 | 1233.7 |
| 42.5°  | 1067.8 | 940.9  | 936.9  | 970.6  | 1013.3 | 1015.3 | 1108.5 | 1346.3 | 1335.4 | 1283.7 |
| 45°    | 1099.1 | 1050.3 | 1083.7 | 1139.0 | 1136.1 | 1076.3 | 1105.2 | 1369.9 | 1370.7 | 1326.8 |
| 47.5°  | 1150.3 | 1187.4 | 1283.7 | 1321.1 | 1302.0 | 1159.7 | 1108.5 | 1393.1 | 1411.4 | 1376.8 |
| 50°    | 1223.5 | 1342.7 | 1468.7 | 1518.3 | 1462.6 | 1243.5 | 1137.3 | 1420.8 | 1476.1 | 1450.8 |
| 52.5°  | 1286.2 | 1460.2 | 1639.5 | 1683.8 | 1607.8 | 1332.9 | 1204.8 | 1480.5 | 1562.7 | 1554.5 |
| 55°    | 1375.6 | 1561.4 | 1761.1 | 1795.3 | 1734.3 | 1434.2 | 1295.5 | 1568.4 | 1657.8 | 1661.9 |
| 57.5°  | 1467.1 | 1652.9 | 1840.4 | 1875.0 | 1828.6 | 1560.2 | 1424.4 | 1694.4 | 1747.3 | 1746.1 |
| 60°    | 1568.8 | 1738.3 | 1876.2 | 1895.3 | 1868.9 | 1686.3 | 1563.1 | 1809.9 | 1808.7 | 1780.6 |
| 61°    | 1626.9 | 1765.6 | 1873.7 | 1879.4 | 1853.8 | 1723.3 | 1634.6 | 1854.2 | 1817.6 | 1780.6 |
| 62.5°  | 1691.2 | 1790.4 | 1843.6 | 1824.5 | 1796.9 | 1736.3 | 1738.3 | 1902.6 | 1823.7 | 1766.8 |
| 65°    | 1756.2 | 1728.2 | 1705.0 | 1613.5 | 1587.5 | 1616.7 | 1825.8 | 1884.3 | 1786.7 | 1705.4 |
| 67.5°  | 1644.8 | 1480.9 | 1430.9 | 1339.0 | 1236.1 | 1355.7 | 1742.8 | 1772.5 | 1661.9 | 1553.7 |
| 70°    | 1344.3 | 1088.1 | 1028.8 | 1025.5 | 951.5  | 1082.8 | 1537.1 | 1515.5 | 1379.3 | 1280.1 |
| 72.5°  | 1053.6 | 742.5  | 661.6  | 680.3  | 665.6  | 807.2  | 1257.3 | 1017.0 | 884.4  | 818.1  |
| 75°    | 825.9  | 527.8  | 455.4  | 452.2  | 436.3  | 549.8  | 920.6  | 535.9  | 442.4  | 395.2  |
| 77.5°  | 544.9  | 380.2  | 379.0  | 350.1  | 337.9  | 298.1  | 413.1  | 214.7  | 175.3  | 176.9  |
| 80°    | 313.9  | 233.0  | 273.3  | 216.7  | 217.1  | 174.8  | 167.1  | 31.3   | 25.2   | 18.3   |
| 82.5°  | 180.1  | 111.8  | 84.6   | 33.3   | 69.9   | 69.9   | 13.4   | 0.4    | 0.4    | 0.8    |
| 85°    | 17.5   | 5.3    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.4    | 0.0    |
| 87.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 90°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 92.5°  | 6.1    | 7.2    | 7.2    | 6.1    | 6.1    | 6.1    | 5.1    | 4.1    | 4.1    | 4.1    |
| 95°    | 7.2    | 8.2    | 7.2    | 7.2    | 7.2    | 7.2    | 6.1    | 5.1    | 5.1    | 5.1    |
| 97.5°  | 9.2    | 10.2   | 12.3   | 9.2    | 9.2    | 8.2    | 8.2    | 7.2    | 7.2    | 7.2    |
| 100°   | 23.5   | 26.6   | 29.7   | 21.5   | 12.3   | 10.2   | 9.2    | 8.2    | 8.2    | 8.2    |
| 102.5° | 43.0   | 48.1   | 51.1   | 40.9   | 27.6   | 18.4   | 13.3   | 11.3   | 11.3   | 11.3   |
| 105°   | 66.5   | 71.6   | 73.7   | 64.4   | 49.1   | 36.8   | 27.6   | 22.5   | 21.7   | 21.5   |
| 107.5° | 92.1   | 96.2   | 97.2   | 90.0   | 74.7   | 59.3   | 50.1   | 43.0   | 42.1   | 41.9   |

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**CANDELA DISTRIBUTION (continued):**

|        | 285°  | 295°  | 305°  | 315°  | 325°  | 335°  | 345°  | 355°  | 359°  | 360°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 110°   | 121.7 | 123.8 | 122.8 | 116.6 | 104.3 | 89.0  | 75.7  | 69.6  | 67.9  | 67.5  |
| 112.5° | 152.4 | 153.4 | 151.4 | 146.3 | 137.1 | 123.8 | 108.4 | 101.3 | 101.3 | 101.3 |
| 115°   | 183.1 | 186.2 | 183.1 | 178.0 | 171.9 | 162.6 | 150.4 | 142.2 | 143.0 | 143.2 |
| 117.5° | 214.8 | 219.9 | 215.8 | 209.7 | 206.6 | 201.5 | 193.3 | 188.2 | 188.2 | 188.2 |
| 120°   | 250.6 | 255.7 | 251.6 | 248.6 | 242.4 | 238.3 | 231.2 | 228.1 | 229.8 | 230.2 |
| 122.5° | 284.4 | 289.5 | 285.4 | 283.4 | 277.2 | 273.1 | 267.0 | 266.0 | 268.4 | 269.0 |
| 125°   | 317.1 | 322.2 | 320.2 | 317.1 | 312.0 | 305.9 | 302.8 | 300.7 | 304.0 | 304.8 |
| 127.5° | 353.9 | 353.9 | 352.9 | 347.8 | 346.8 | 340.6 | 336.6 | 336.6 | 337.4 | 337.6 |
| 130°   | 389.7 | 389.7 | 385.7 | 380.5 | 378.5 | 374.4 | 370.3 | 369.3 | 370.9 | 371.3 |
| 132.5° | 423.5 | 425.5 | 420.4 | 414.3 | 413.3 | 410.2 | 402.0 | 403.0 | 404.7 | 405.1 |
| 135°   | 457.3 | 458.3 | 453.2 | 447.0 | 445.0 | 441.9 | 435.8 | 435.8 | 438.2 | 438.8 |
| 137.5° | 486.9 | 485.9 | 483.9 | 478.7 | 474.6 | 470.6 | 469.5 | 467.5 | 470.0 | 470.6 |
| 140°   | 515.6 | 513.5 | 511.5 | 508.4 | 502.3 | 500.2 | 498.2 | 496.1 | 498.6 | 499.2 |
| 142.5° | 545.2 | 545.2 | 539.1 | 537.0 | 533.0 | 529.9 | 528.9 | 526.8 | 529.3 | 529.9 |
| 145°   | 573.9 | 574.9 | 568.8 | 563.6 | 562.6 | 559.6 | 556.5 | 558.5 | 561.8 | 562.6 |
| 147.5° | 599.4 | 598.4 | 593.3 | 588.2 | 587.2 | 587.2 | 584.1 | 585.1 | 587.6 | 588.2 |
| 150°   | 616.8 | 613.8 | 610.7 | 606.6 | 606.6 | 606.6 | 606.6 | 605.6 | 608.1 | 608.7 |
| 152.5° | 632.2 | 628.1 | 625.0 | 624.0 | 624.0 | 623.0 | 622.0 | 622.0 | 624.4 | 625.0 |
| 155°   | 650.6 | 645.5 | 640.4 | 642.4 | 644.5 | 641.4 | 639.3 | 639.3 | 642.6 | 643.4 |
| 157.5° | 664.9 | 662.9 | 658.8 | 659.8 | 660.8 | 658.8 | 657.8 | 657.8 | 660.2 | 660.8 |
| 160°   | 676.2 | 679.2 | 673.1 | 670.0 | 670.0 | 671.1 | 674.1 | 675.1 | 677.6 | 678.2 |
| 162.5° | 685.4 | 686.4 | 682.3 | 678.2 | 676.2 | 680.3 | 684.4 | 684.4 | 687.6 | 688.4 |
| 165°   | 695.6 | 692.5 | 687.4 | 688.4 | 688.4 | 691.5 | 691.5 | 693.6 | 696.0 | 696.6 |
| 167.5° | 703.8 | 699.7 | 693.6 | 700.7 | 703.8 | 701.7 | 699.7 | 702.8 | 705.2 | 705.8 |
| 170°   | 709.9 | 704.8 | 701.7 | 706.9 | 708.9 | 707.9 | 707.9 | 711.0 | 713.4 | 714.0 |
| 172.5° | 709.9 | 707.9 | 704.8 | 705.8 | 705.8 | 708.9 | 711.0 | 713.0 | 714.6 | 715.0 |
| 175°   | 712.0 | 711.0 | 705.8 | 705.8 | 706.9 | 711.0 | 713.0 | 714.0 | 715.7 | 716.1 |
| 177.5° | 717.1 | 715.0 | 709.9 | 711.0 | 713.0 | 715.0 | 716.1 | 721.2 | 722.8 | 723.2 |
| 180°   | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 |

(END OF REPORT)