

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: P401080

Luminaire Tested: **ENT-SA1B-727-U-SLR**

Issue Date: 5/20/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P401080  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2004-754-9)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/20/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: ENT-SA1B-727-U-SLR  
Description: ENTRI LED LUMINAIRE  
(1) 70 CRI, 2700K, 450mA LIGHTSQUARE WITH 16 LEDS AND SPILL LIGHT ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2535 lumens  
Efficiency: N/A  
Efficacy: 99.8 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B1 - U0 - G1

Input Watts (W): 25.4  
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: 25 FT

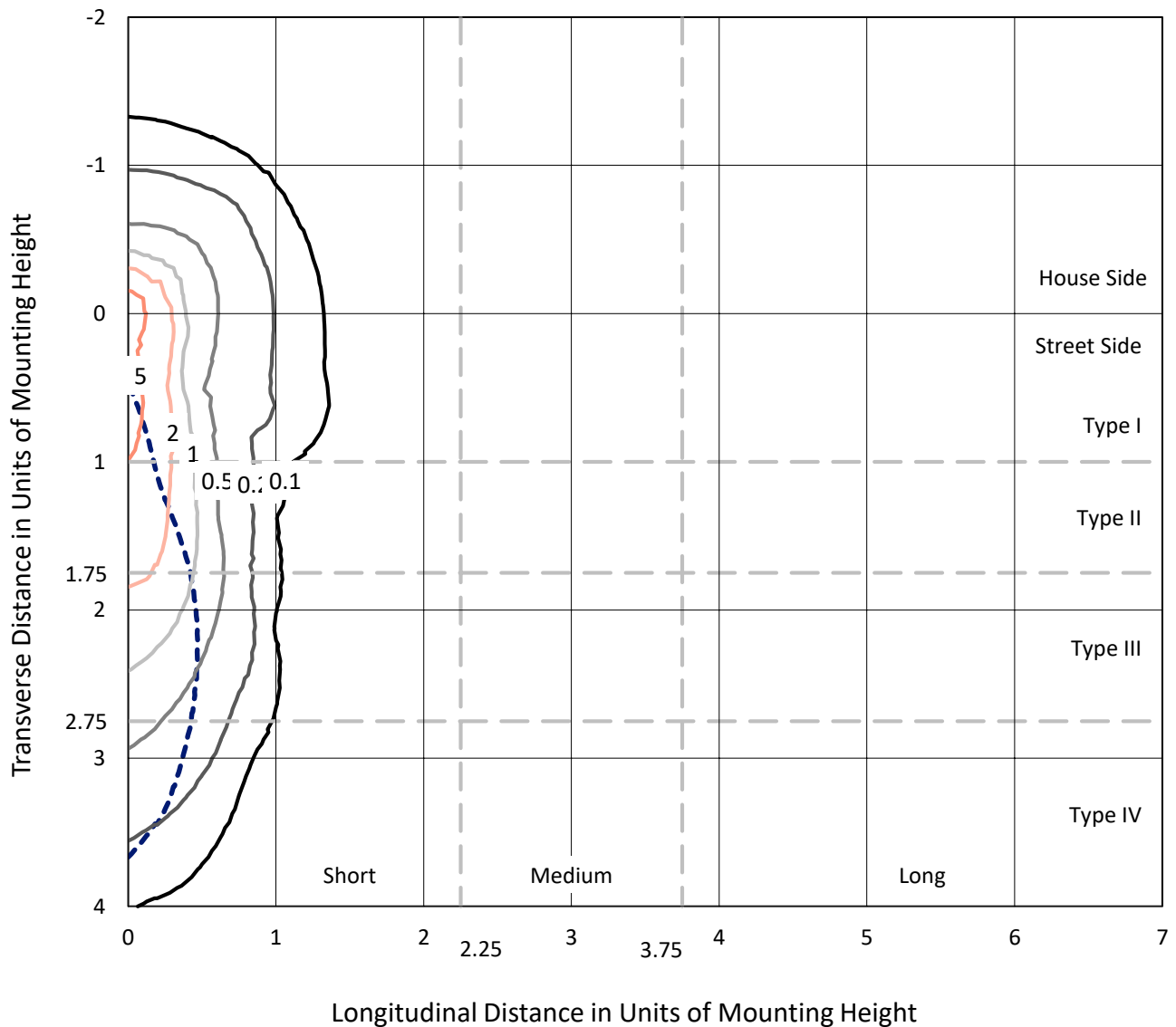


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### Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

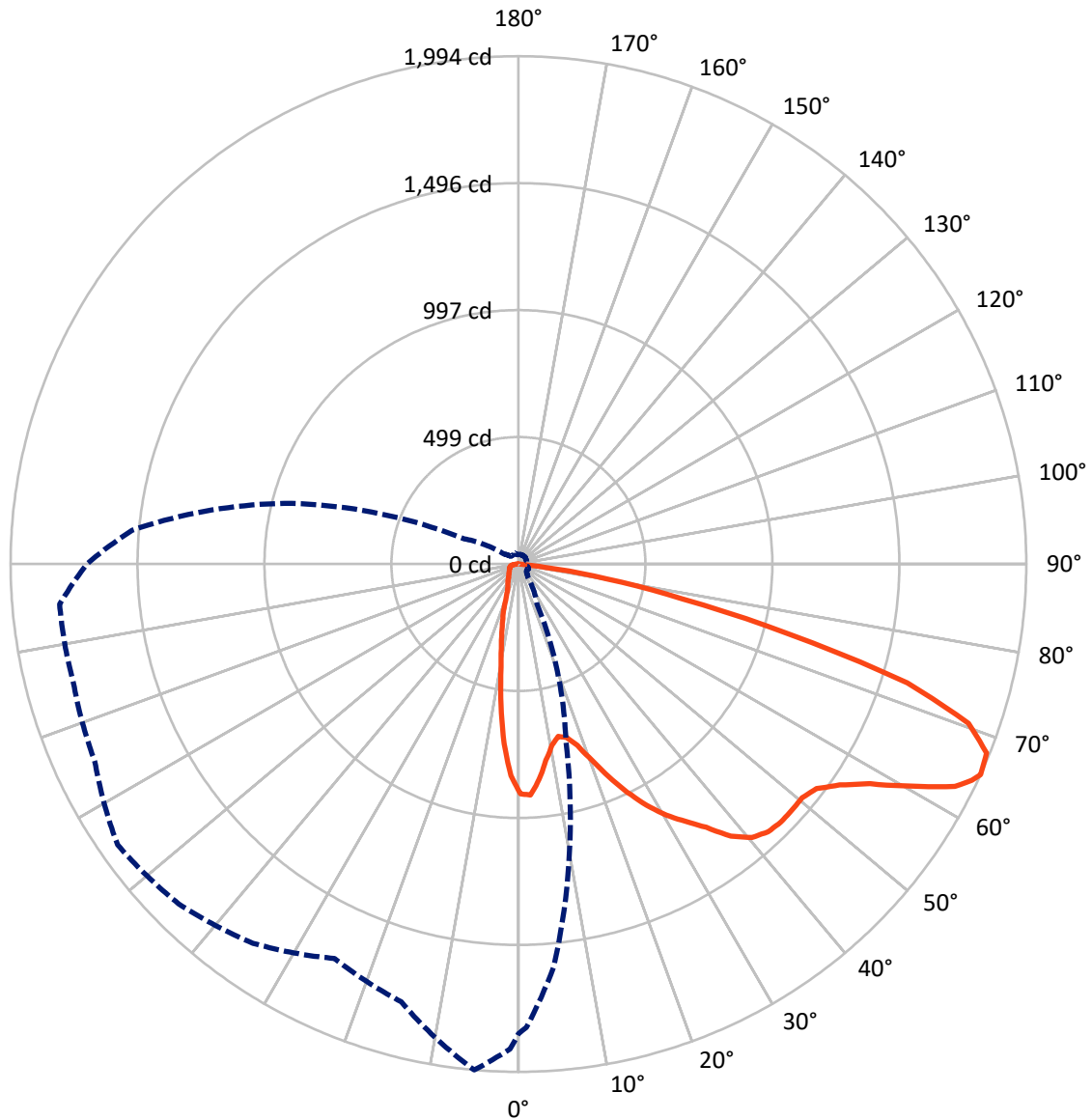


Based on 10 foot mounting height. Maximum calculated value = 9 fc  
 Type IV - Short - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 355-Deg Lateral    - - - Horizontal Cone Through 65-Deg Vertical

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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 520.1    | 0.0    | 520.1  |
|                    | % Fixture | 20.5     | 0.0    | 20.5   |
| <b>Street Side</b> | Lumens    | 2014.9   | 0.0    | 2014.9 |
|                    | % Fixture | 79.5     | 0.0    | 79.5   |
| <b>Total</b>       | Lumens    | 2535.0   | 0.0    | 2535.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 68.8   | 2.7       |
| 10°-20°   | 137.1  | 5.4       |
| 20°-30°   | 190.1  | 7.5       |
| 30°-40°   | 265.7  | 10.5      |
| 40°-50°   | 361.5  | 14.3      |
| 50°-60°   | 494.4  | 19.5      |
| 60°-70°   | 604.5  | 23.8      |
| 70°-80°   | 364.9  | 14.4      |
| 80°-90°   | 48.1   | 1.9       |
| 90°-100°  | 0.0    | 0.0       |
| 100°-110° | 0.0    | 0.0       |
| 110°-120° | 0.0    | 0.0       |
| 120°-130° | 0.0    | 0.0       |
| 130°-140° | 0.0    | 0.0       |
| 140°-150° | 0.0    | 0.0       |
| 150°-160° | 0.0    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 2535.0 | 100.0     |
| 0°-180°   | 2535.0 | 100.0     |



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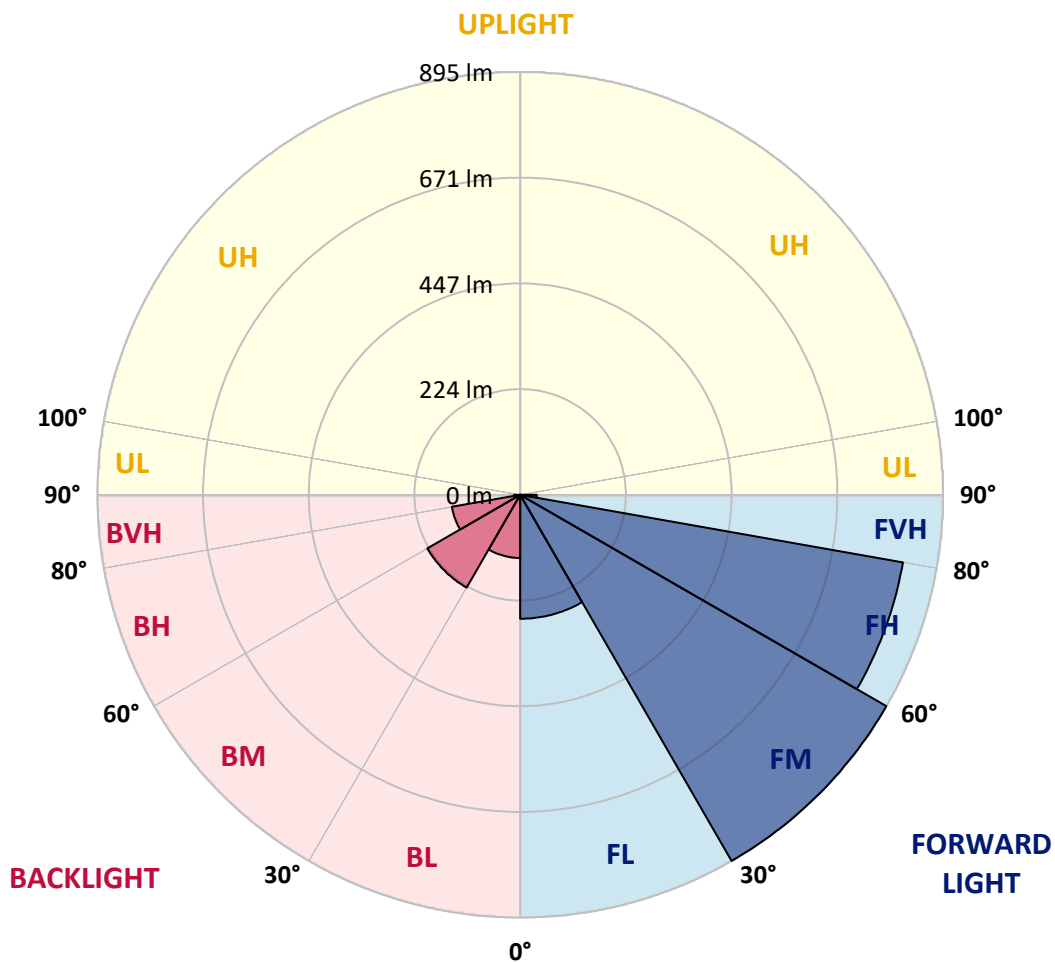
CATALOG NUMBER: ENT-SA1B-727-U-SLR

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 262.3  | 10.3      |                         |      |         |
| FM   | (30°-60°)   | 894.8  | 35.3      |                         |      |         |
| FH   | (60°-80°)   | 822.6  | 32.4      |                         |      | G1/1800 |
| FVH  | (80°-90°)   | 35.2   | 1.4       |                         |      | G1/100  |
| BL   | (0°-30°)    | 133.7  | 5.3       | B1/500                  |      |         |
| BM   | (30°-60°)   | 226.7  | 8.9       | B1/1000                 |      |         |
| BH   | (60°-80°)   | 146.8  | 5.8       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 13.0   | 0.5       |                         |      | G1/100  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B1-U0-G1**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 1°     | 5°     | 15°   | 25°   | 35°   | 45°   | 55°   | 65°   | 75°   | 85°   |
|-------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 902.1  | 902.1  | 902.1  | 902.1 | 902.1 | 902.1 | 902.1 | 902.1 | 902.1 | 902.1 | 902.1 |
| 2.5°  | 900.0  | 897.4  | 891.1  | 874.1 | 855.9 | 834.3 | 830.4 | 807.1 | 809.7 | 802.9 | 804.6 |
| 5°    | 822.0  | 818.6  | 801.2  | 767.3 | 721.1 | 694.4 | 673.6 | 661.3 | 651.1 | 646.0 | 652.4 |
| 7.5°  | 746.1  | 741.4  | 720.6  | 660.9 | 609.6 | 567.2 | 533.3 | 512.5 | 492.2 | 476.1 | 468.4 |
| 10°   | 684.6  | 682.9  | 655.4  | 588.0 | 523.5 | 471.8 | 449.8 | 427.7 | 410.3 | 387.5 | 368.8 |
| 12.5° | 653.7  | 648.6  | 615.9  | 537.5 | 474.8 | 443.0 | 422.2 | 394.2 | 370.5 | 342.5 | 318.4 |
| 15°   | 654.9  | 649.0  | 608.3  | 526.1 | 457.8 | 419.2 | 387.5 | 354.0 | 319.2 | 290.8 | 266.2 |
| 17.5° | 691.4  | 687.2  | 637.6  | 536.7 | 443.4 | 390.0 | 340.4 | 297.2 | 259.0 | 223.4 | 201.4 |
| 20°   | 752.9  | 746.5  | 677.8  | 549.4 | 425.2 | 356.5 | 289.1 | 229.8 | 188.6 | 157.3 | 139.9 |
| 22.5° | 833.0  | 821.1  | 735.1  | 565.1 | 407.0 | 318.4 | 233.6 | 167.4 | 131.0 | 115.3 | 110.6 |
| 25°   | 918.6  | 909.3  | 804.2  | 585.0 | 387.5 | 276.8 | 173.0 | 121.7 | 108.9 | 102.6 | 99.2  |
| 27.5° | 997.5  | 982.2  | 878.3  | 607.0 | 361.6 | 235.3 | 131.4 | 104.7 | 96.2  | 93.3  | 91.1  |
| 30°   | 1053.8 | 1040.7 | 929.6  | 632.5 | 339.1 | 192.0 | 112.3 | 95.0  | 88.2  | 83.5  | 82.7  |
| 32.5° | 1107.7 | 1089.0 | 966.9  | 644.3 | 320.5 | 168.7 | 103.9 | 88.2  | 81.8  | 77.2  | 75.5  |
| 35°   | 1171.3 | 1152.6 | 1009.8 | 646.0 | 306.5 | 159.0 | 95.8  | 83.1  | 76.3  | 72.1  | 69.9  |
| 37.5° | 1246.3 | 1220.9 | 1058.1 | 647.3 | 292.5 | 155.2 | 89.0  | 78.8  | 72.1  | 67.4  | 65.7  |
| 40°   | 1317.5 | 1298.0 | 1107.7 | 645.2 | 283.2 | 149.6 | 84.8  | 74.2  | 67.8  | 63.6  | 61.5  |
| 42.5° | 1371.4 | 1350.6 | 1150.1 | 638.8 | 277.7 | 140.3 | 86.5  | 70.8  | 64.9  | 60.2  | 57.7  |
| 45°   | 1398.9 | 1380.3 | 1188.6 | 632.9 | 274.7 | 132.3 | 84.8  | 69.5  | 62.7  | 57.2  | 54.7  |
| 47.5° | 1419.7 | 1401.5 | 1228.1 | 630.4 | 269.6 | 126.3 | 78.0  | 74.2  | 60.6  | 54.3  | 51.7  |
| 50°   | 1453.2 | 1437.5 | 1281.5 | 644.8 | 261.6 | 122.5 | 71.6  | 79.3  | 59.8  | 51.7  | 48.7  |
| 52.5° | 1513.4 | 1503.2 | 1369.7 | 678.3 | 253.1 | 116.2 | 65.3  | 75.9  | 60.6  | 50.0  | 46.6  |
| 55°   | 1625.7 | 1619.3 | 1490.9 | 722.3 | 245.0 | 108.1 | 58.5  | 68.7  | 60.2  | 47.1  | 44.5  |
| 57.5° | 1746.9 | 1745.2 | 1638.0 | 760.9 | 233.2 | 94.5  | 54.3  | 58.1  | 57.2  | 44.5  | 41.5  |
| 60°   | 1828.3 | 1822.8 | 1705.8 | 782.5 | 217.9 | 78.0  | 50.9  | 49.2  | 58.5  | 42.0  | 38.6  |
| 62.5° | 1856.3 | 1838.1 | 1685.5 | 774.5 | 195.0 | 67.4  | 47.1  | 44.9  | 54.3  | 39.4  | 35.6  |
| 64°   | 1854.6 | 1827.9 | 1632.5 | 744.0 | 180.2 | 65.3  | 44.9  | 42.0  | 47.9  | 37.7  | 34.3  |
| 65°   | 1844.9 | 1819.4 | 1588.4 | 720.2 | 172.1 | 65.3  | 43.7  | 40.7  | 43.7  | 36.9  | 33.5  |
| 67.5° | 1782.5 | 1749.1 | 1437.9 | 610.0 | 151.3 | 66.1  | 40.7  | 37.3  | 36.5  | 33.9  | 31.4  |
| 70°   | 1640.5 | 1596.9 | 1231.5 | 479.9 | 140.3 | 66.6  | 37.3  | 33.9  | 32.6  | 30.9  | 28.8  |
| 72.5° | 1317.5 | 1259.0 | 980.1  | 342.9 | 128.9 | 65.3  | 33.9  | 30.9  | 29.7  | 28.0  | 25.9  |
| 75°   | 883.4  | 819.4  | 722.3  | 225.9 | 105.6 | 58.5  | 29.2  | 26.7  | 26.3  | 24.6  | 22.9  |
| 77.5° | 498.1  | 471.4  | 426.5  | 124.2 | 72.9  | 40.3  | 23.3  | 21.6  | 22.0  | 21.2  | 19.5  |
| 80°   | 260.3  | 248.0  | 228.1  | 60.2  | 35.2  | 19.5  | 14.8  | 14.8  | 17.0  | 17.0  | 16.1  |
| 82.5° | 92.0   | 92.4   | 89.4   | 13.6  | 7.2   | 5.9   | 5.1   | 7.2   | 9.7   | 11.9  | 11.9  |
| 85°   | 0.4    | 0.4    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.8   | 1.7   | 3.0   |
| 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   |



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**CANDELA DISTRIBUTION (continued):**

|       | 90°   | 95°   | 105°  | 115°  | 125°  | 135°  | 145°  | 155°  | 165°  | 175°  | 180°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 902.1 | 902.1 | 902.1 | 902.1 | 902.1 | 902.1 | 902.1 | 902.1 | 902.1 | 902.1 | 902.1 |
| 2.5°  | 790.2 | 792.7 | 799.5 | 798.2 | 805.0 | 802.0 | 810.9 | 815.6 | 818.1 | 831.3 | 837.6 |
| 5°    | 647.3 | 648.2 | 672.3 | 677.4 | 690.1 | 683.3 | 699.0 | 693.1 | 705.8 | 707.5 | 728.7 |
| 7.5°  | 475.6 | 477.3 | 489.2 | 517.2 | 544.7 | 556.2 | 560.8 | 568.0 | 562.1 | 560.0 | 563.0 |
| 10°   | 361.6 | 362.9 | 364.1 | 384.1 | 408.2 | 432.4 | 432.4 | 432.8 | 422.2 | 411.6 | 409.5 |
| 12.5° | 309.0 | 301.0 | 288.3 | 288.7 | 305.6 | 317.1 | 326.0 | 316.7 | 315.0 | 320.1 | 325.6 |
| 15°   | 254.3 | 246.3 | 237.8 | 227.6 | 228.1 | 236.1 | 240.8 | 240.4 | 248.8 | 252.7 | 264.1 |
| 17.5° | 197.5 | 186.1 | 186.5 | 180.6 | 172.5 | 177.6 | 178.9 | 186.5 | 197.5 | 202.6 | 204.7 |
| 20°   | 132.7 | 132.7 | 136.1 | 143.3 | 139.5 | 142.9 | 143.3 | 149.2 | 154.3 | 151.3 | 154.3 |
| 22.5° | 109.8 | 109.4 | 110.6 | 115.3 | 119.1 | 122.1 | 122.9 | 122.5 | 117.4 | 115.3 | 119.5 |
| 25°   | 99.6  | 99.2  | 99.6  | 102.2 | 106.4 | 110.2 | 108.5 | 106.0 | 100.0 | 99.6  | 100.5 |
| 27.5° | 91.1  | 91.6  | 92.4  | 94.1  | 96.7  | 101.3 | 99.6  | 94.5  | 91.6  | 90.7  | 90.7  |
| 30°   | 83.9  | 83.9  | 85.6  | 87.3  | 90.3  | 94.5  | 91.6  | 87.3  | 84.4  | 83.5  | 83.1  |
| 32.5° | 76.7  | 78.0  | 79.3  | 81.0  | 83.5  | 87.7  | 85.2  | 81.4  | 78.4  | 76.7  | 75.5  |
| 35°   | 69.5  | 70.4  | 72.9  | 75.5  | 77.6  | 81.0  | 79.3  | 75.9  | 72.9  | 69.1  | 67.4  |
| 37.5° | 65.3  | 65.3  | 66.6  | 70.4  | 72.1  | 74.6  | 73.8  | 70.8  | 66.1  | 63.2  | 62.7  |
| 40°   | 61.5  | 61.5  | 61.9  | 64.0  | 67.0  | 69.9  | 68.2  | 63.6  | 60.6  | 59.3  | 58.9  |
| 42.5° | 57.7  | 57.7  | 58.1  | 58.1  | 61.9  | 67.0  | 62.7  | 58.1  | 56.8  | 56.0  | 55.5  |
| 45°   | 54.3  | 54.3  | 54.3  | 53.8  | 56.0  | 62.3  | 57.7  | 53.8  | 53.0  | 53.0  | 52.6  |
| 47.5° | 51.7  | 51.3  | 50.9  | 50.0  | 51.3  | 56.4  | 52.6  | 50.4  | 50.0  | 50.4  | 50.0  |
| 50°   | 48.3  | 47.9  | 47.5  | 47.1  | 47.9  | 50.0  | 49.2  | 47.1  | 47.5  | 47.5  | 47.9  |
| 52.5° | 45.4  | 44.9  | 44.5  | 44.1  | 44.9  | 46.6  | 46.6  | 44.9  | 44.9  | 45.4  | 45.8  |
| 55°   | 43.7  | 42.8  | 42.4  | 42.4  | 42.8  | 44.9  | 44.5  | 43.2  | 43.2  | 44.1  | 44.5  |
| 57.5° | 41.1  | 40.3  | 40.3  | 39.8  | 40.7  | 43.2  | 42.8  | 41.5  | 41.5  | 42.0  | 42.8  |
| 60°   | 38.6  | 38.2  | 37.7  | 38.6  | 39.0  | 41.5  | 41.1  | 40.3  | 39.8  | 41.1  | 41.1  |
| 62.5° | 35.6  | 35.6  | 35.6  | 36.5  | 36.9  | 39.8  | 39.4  | 39.0  | 39.0  | 39.4  | 39.0  |
| 64°   | 33.9  | 33.9  | 34.3  | 34.8  | 35.6  | 38.2  | 38.2  | 38.2  | 38.2  | 38.2  | 37.7  |
| 65°   | 33.1  | 33.1  | 33.9  | 34.3  | 34.8  | 37.7  | 37.3  | 37.7  | 38.2  | 37.7  | 36.9  |
| 67.5° | 30.9  | 30.9  | 32.2  | 32.2  | 32.6  | 36.0  | 35.6  | 36.5  | 37.3  | 36.5  | 35.6  |
| 70°   | 28.4  | 28.8  | 30.1  | 29.7  | 30.5  | 34.3  | 33.1  | 34.8  | 36.5  | 35.2  | 34.3  |
| 72.5° | 25.9  | 26.3  | 28.0  | 27.1  | 27.6  | 32.2  | 30.5  | 32.2  | 34.8  | 33.9  | 33.1  |
| 75°   | 23.3  | 23.7  | 25.0  | 24.6  | 25.4  | 29.7  | 28.0  | 29.7  | 32.2  | 32.2  | 31.8  |
| 77.5° | 19.9  | 20.8  | 21.6  | 21.2  | 22.9  | 26.7  | 25.0  | 26.3  | 28.4  | 30.1  | 29.2  |
| 80°   | 16.1  | 17.4  | 17.8  | 18.2  | 19.9  | 22.9  | 21.6  | 22.0  | 24.2  | 25.4  | 25.9  |
| 82.5° | 11.0  | 13.1  | 14.0  | 14.4  | 17.0  | 17.8  | 18.2  | 17.8  | 19.1  | 20.8  | 19.5  |
| 85°   | 3.4   | 4.2   | 8.1   | 10.2  | 12.7  | 12.7  | 14.8  | 14.0  | 14.8  | 13.1  | 11.0  |
| 87.5° | 0.0   | 0.0   | 0.0   | 3.0   | 7.6   | 7.6   | 10.6  | 9.7   | 10.2  | 7.6   | 6.8   |
| 90°   | 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):**

|       | 185°  | 195°  | 205°  | 215°  | 225°  | 235°  | 245°  | 255°  | 265°   | 270°   | 275°   |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| 0°    | 902.1 | 902.1 | 902.1 | 902.1 | 902.1 | 902.1 | 902.1 | 902.1 | 902.1  | 902.1  | 902.1  |
| 2.5°  | 838.9 | 846.1 | 862.2 | 880.9 | 891.1 | 913.1 | 926.7 | 941.1 | 955.5  | 958.5  | 963.1  |
| 5°    | 732.9 | 741.4 | 759.6 | 784.7 | 809.7 | 838.9 | 872.8 | 908.9 | 948.7  | 965.7  | 982.2  |
| 7.5°  | 571.0 | 572.7 | 598.6 | 643.9 | 666.0 | 707.5 | 755.8 | 811.4 | 872.8  | 904.6  | 938.5  |
| 10°   | 421.8 | 439.2 | 458.7 | 496.4 | 551.9 | 599.8 | 659.6 | 724.5 | 788.5  | 834.7  | 869.9  |
| 12.5° | 331.5 | 353.5 | 385.8 | 427.3 | 469.3 | 514.6 | 583.7 | 653.2 | 732.1  | 773.6  | 816.9  |
| 15°   | 273.0 | 301.0 | 342.9 | 386.6 | 425.6 | 465.9 | 527.3 | 612.6 | 713.4  | 755.8  | 794.4  |
| 17.5° | 216.2 | 247.1 | 292.1 | 337.9 | 384.5 | 433.7 | 504.9 | 610.4 | 733.4  | 782.5  | 822.4  |
| 20°   | 165.7 | 189.9 | 227.6 | 273.8 | 328.5 | 395.9 | 487.1 | 626.5 | 792.3  | 853.8  | 880.0  |
| 22.5° | 122.9 | 136.9 | 166.6 | 214.9 | 279.4 | 362.4 | 469.3 | 649.4 | 865.2  | 937.3  | 957.2  |
| 25°   | 101.7 | 105.6 | 119.1 | 161.1 | 227.6 | 324.7 | 455.7 | 679.1 | 938.1  | 1019.1 | 1033.5 |
| 27.5° | 91.6  | 93.7  | 100.0 | 115.7 | 178.0 | 293.8 | 437.9 | 713.4 | 1014.8 | 1100.1 | 1098.8 |
| 30°   | 82.7  | 83.1  | 86.9  | 97.9  | 144.6 | 266.2 | 417.1 | 751.6 | 1083.1 | 1158.1 | 1154.3 |
| 32.5° | 74.6  | 74.6  | 79.7  | 88.2  | 123.4 | 241.2 | 392.1 | 779.1 | 1142.4 | 1205.6 | 1193.3 |
| 35°   | 67.4  | 68.7  | 73.3  | 81.8  | 109.4 | 213.2 | 368.8 | 789.3 | 1193.3 | 1262.8 | 1228.1 |
| 37.5° | 62.3  | 64.0  | 68.7  | 76.7  | 97.5  | 192.5 | 349.7 | 801.2 | 1256.1 | 1331.9 | 1267.1 |
| 40°   | 58.9  | 60.2  | 64.4  | 71.2  | 88.2  | 175.1 | 329.0 | 809.2 | 1318.4 | 1405.7 | 1308.2 |
| 42.5° | 55.5  | 56.8  | 61.0  | 67.4  | 83.9  | 154.7 | 309.0 | 813.9 | 1383.2 | 1469.7 | 1342.5 |
| 45°   | 52.6  | 54.3  | 58.5  | 64.4  | 84.4  | 136.5 | 292.5 | 812.2 | 1422.2 | 1515.9 | 1369.2 |
| 47.5° | 50.4  | 52.1  | 56.8  | 64.4  | 81.8  | 125.9 | 278.5 | 806.3 | 1451.0 | 1546.0 | 1381.5 |
| 50°   | 48.3  | 50.0  | 55.5  | 71.2  | 77.6  | 122.9 | 267.9 | 805.4 | 1481.1 | 1551.9 | 1381.5 |
| 52.5° | 46.2  | 49.2  | 56.0  | 71.6  | 71.2  | 121.7 | 259.4 | 827.9 | 1522.7 | 1562.1 | 1393.8 |
| 55°   | 44.9  | 47.5  | 57.7  | 66.1  | 62.3  | 117.4 | 254.3 | 858.8 | 1592.6 | 1618.1 | 1455.7 |
| 57.5° | 43.2  | 45.4  | 56.8  | 61.9  | 55.5  | 107.7 | 250.1 | 888.5 | 1684.6 | 1721.9 | 1579.1 |
| 60°   | 41.1  | 43.7  | 55.1  | 53.0  | 50.4  | 91.6  | 247.6 | 913.1 | 1719.0 | 1788.9 | 1711.8 |
| 62.5° | 39.0  | 42.0  | 60.2  | 46.2  | 46.6  | 76.3  | 242.9 | 936.8 | 1646.5 | 1772.8 | 1797.0 |
| 64°   | 37.7  | 40.7  | 56.0  | 43.2  | 44.5  | 69.5  | 238.2 | 938.1 | 1582.5 | 1734.6 | 1813.1 |
| 65°   | 36.9  | 39.4  | 52.1  | 41.5  | 42.8  | 67.8  | 234.0 | 920.3 | 1522.3 | 1694.0 | 1808.4 |
| 67.5° | 35.6  | 37.3  | 40.3  | 38.6  | 39.8  | 64.9  | 205.2 | 841.9 | 1394.2 | 1589.2 | 1735.9 |
| 70°   | 33.9  | 35.2  | 35.6  | 35.2  | 37.3  | 62.7  | 173.4 | 730.4 | 1254.4 | 1479.5 | 1623.2 |
| 72.5° | 32.2  | 32.2  | 32.2  | 31.8  | 34.3  | 59.8  | 156.0 | 590.1 | 1083.9 | 1335.3 | 1482.8 |
| 75°   | 30.9  | 29.7  | 29.2  | 28.4  | 31.4  | 58.1  | 140.7 | 443.0 | 837.6  | 1112.3 | 1242.5 |
| 77.5° | 28.4  | 27.1  | 25.9  | 25.0  | 28.0  | 51.7  | 117.4 | 312.8 | 617.6  | 809.2  | 958.9  |
| 80°   | 24.6  | 23.7  | 22.0  | 20.8  | 23.3  | 40.7  | 89.0  | 193.3 | 451.9  | 546.4  | 629.1  |
| 82.5° | 19.9  | 19.5  | 17.8  | 16.1  | 17.0  | 29.2  | 60.6  | 98.3  | 301.4  | 296.7  | 351.4  |
| 85°   | 12.3  | 15.3  | 13.1  | 10.6  | 11.4  | 17.0  | 24.6  | 31.4  | 92.4   | 55.5   | 86.1   |
| 87.5° | 7.2   | 9.7   | 8.1   | 5.5   | 4.2   | 7.6   | 6.8   | 6.4   | 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    |



REPORT NUMBER: P401080

CATALOG NUMBER: ENT-SA1B-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

|       | 285°   | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°   | 359°   | 360°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 902.1  | 902.1  | 902.1  | 902.1  | 902.1  | 902.1  | 902.1  | 902.1  | 902.1  | 902.1  |
| 2.5°  | 974.1  | 979.7  | 982.6  | 971.6  | 959.7  | 949.1  | 928.8  | 908.4  | 897.8  | 900.0  |
| 5°    | 1014.0 | 1023.3 | 1025.9 | 1009.8 | 976.3  | 941.9  | 892.3  | 849.5  | 823.7  | 822.0  |
| 7.5°  | 998.7  | 1029.3 | 1034.3 | 1017.0 | 969.1  | 905.1  | 837.6  | 777.9  | 752.0  | 746.1  |
| 10°   | 944.5  | 991.1  | 1006.4 | 1000.4 | 953.8  | 880.5  | 798.6  | 722.8  | 696.9  | 684.6  |
| 12.5° | 888.9  | 937.7  | 947.0  | 953.0  | 924.6  | 862.7  | 772.8  | 694.8  | 663.8  | 653.7  |
| 15°   | 852.5  | 886.0  | 888.5  | 894.0  | 888.1  | 854.2  | 784.7  | 706.2  | 668.9  | 654.9  |
| 17.5° | 847.4  | 835.5  | 827.5  | 838.9  | 846.1  | 854.6  | 815.6  | 749.1  | 709.2  | 691.4  |
| 20°   | 848.2  | 811.4  | 788.5  | 787.6  | 818.6  | 865.6  | 878.3  | 821.1  | 769.4  | 752.9  |
| 22.5° | 879.2  | 798.6  | 760.5  | 755.8  | 793.6  | 884.3  | 942.4  | 906.7  | 855.0  | 833.0  |
| 25°   | 925.4  | 791.0  | 740.6  | 741.8  | 779.6  | 896.6  | 997.0  | 992.4  | 947.0  | 918.6  |
| 27.5° | 969.9  | 803.7  | 738.0  | 741.4  | 784.2  | 904.6  | 1042.4 | 1072.9 | 1022.1 | 997.5  |
| 30°   | 1005.5 | 832.1  | 745.7  | 748.6  | 798.6  | 915.6  | 1064.9 | 1144.6 | 1083.1 | 1053.8 |
| 32.5° | 1036.5 | 858.8  | 757.1  | 759.2  | 821.5  | 931.3  | 1086.1 | 1204.8 | 1142.4 | 1107.7 |
| 35°   | 1064.4 | 881.7  | 774.5  | 781.7  | 850.8  | 953.8  | 1107.7 | 1270.0 | 1214.9 | 1171.3 |
| 37.5° | 1089.0 | 909.7  | 808.8  | 820.7  | 893.6  | 986.4  | 1135.7 | 1356.1 | 1295.9 | 1246.3 |
| 40°   | 1103.0 | 934.7  | 859.7  | 877.5  | 949.1  | 1028.8 | 1171.3 | 1412.1 | 1373.5 | 1317.5 |
| 42.5° | 1113.6 | 969.1  | 941.5  | 973.7  | 1035.2 | 1068.7 | 1188.2 | 1437.1 | 1419.3 | 1371.4 |
| 45°   | 1119.1 | 1036.9 | 1064.4 | 1094.5 | 1132.3 | 1112.3 | 1178.9 | 1445.5 | 1440.0 | 1398.9 |
| 47.5° | 1144.1 | 1139.1 | 1206.9 | 1248.4 | 1246.3 | 1178.1 | 1161.1 | 1444.7 | 1453.6 | 1419.7 |
| 50°   | 1195.0 | 1258.2 | 1353.1 | 1393.8 | 1378.1 | 1239.5 | 1157.7 | 1443.4 | 1480.7 | 1453.2 |
| 52.5° | 1255.6 | 1377.3 | 1511.2 | 1528.2 | 1495.1 | 1301.8 | 1183.1 | 1465.5 | 1531.6 | 1513.4 |
| 55°   | 1335.3 | 1489.2 | 1635.5 | 1641.0 | 1594.3 | 1362.5 | 1237.4 | 1530.3 | 1626.5 | 1625.7 |
| 57.5° | 1446.4 | 1589.7 | 1739.7 | 1733.0 | 1667.2 | 1446.4 | 1324.7 | 1627.4 | 1732.1 | 1746.9 |
| 60°   | 1567.2 | 1695.6 | 1824.1 | 1820.3 | 1750.3 | 1543.0 | 1444.7 | 1771.1 | 1824.5 | 1828.3 |
| 62.5° | 1682.9 | 1794.0 | 1905.5 | 1887.3 | 1808.4 | 1643.1 | 1610.9 | 1923.7 | 1884.7 | 1856.3 |
| 64°   | 1758.4 | 1827.1 | 1926.3 | 1897.4 | 1822.4 | 1691.0 | 1706.7 | 1973.3 | 1901.7 | 1854.6 |
| 65°   | 1808.4 | 1835.1 | 1921.6 | 1886.8 | 1817.7 | 1708.8 | 1779.2 | 1994.1 | 1904.6 | 1844.9 |
| 67.5° | 1898.3 | 1788.9 | 1795.3 | 1767.7 | 1705.8 | 1692.3 | 1897.9 | 1982.6 | 1872.0 | 1782.5 |
| 70°   | 1873.3 | 1602.8 | 1515.5 | 1498.1 | 1423.9 | 1500.2 | 1883.0 | 1875.0 | 1749.5 | 1640.5 |
| 72.5° | 1659.6 | 1287.0 | 1161.5 | 1145.8 | 1042.8 | 1136.9 | 1624.9 | 1596.9 | 1407.8 | 1317.5 |
| 75°   | 1367.5 | 975.4  | 829.6  | 842.7  | 764.3  | 851.2  | 1292.5 | 1094.1 | 937.3  | 883.4  |
| 77.5° | 1061.5 | 689.3  | 573.1  | 557.4  | 541.8  | 551.1  | 888.5  | 657.1  | 547.7  | 498.1  |
| 80°   | 676.6  | 433.2  | 429.8  | 393.0  | 380.2  | 320.5  | 456.6  | 349.7  | 275.1  | 260.3  |
| 82.5° | 359.5  | 249.7  | 283.6  | 227.2  | 182.7  | 131.4  | 154.7  | 103.9  | 87.7   | 92.0   |
| 85°   | 98.3   | 51.7   | 14.4   | 0.0    | 0.0    | 0.0    | 0.0    | 0.4    | 0.4    | 0.4    |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.4    | 0.0    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)