

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: P180817

Luminaire Tested: **ICS-E01-LED-E1-SL4-HSS-7030**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P180817  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33728)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 03/03/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: ICS-E01-LED-E1-SL4-HSS-7030  
Description: ICON SITE SMALL LED LUMINAIRE  
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 4 W/ SPILL LIGHT CONTROL AND HOUSE SIDE SHIELD  
Light Source: (21) 3000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1672.7 lumens  
Efficiency: N/A  
Efficacy: 67.7 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 1' x H: 0.1')  
IES Classification: Type IV - Short - Semi-Cutoff  
BUG Rating: B0 - U0 - G1

Input Watts (W): 24.7  
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



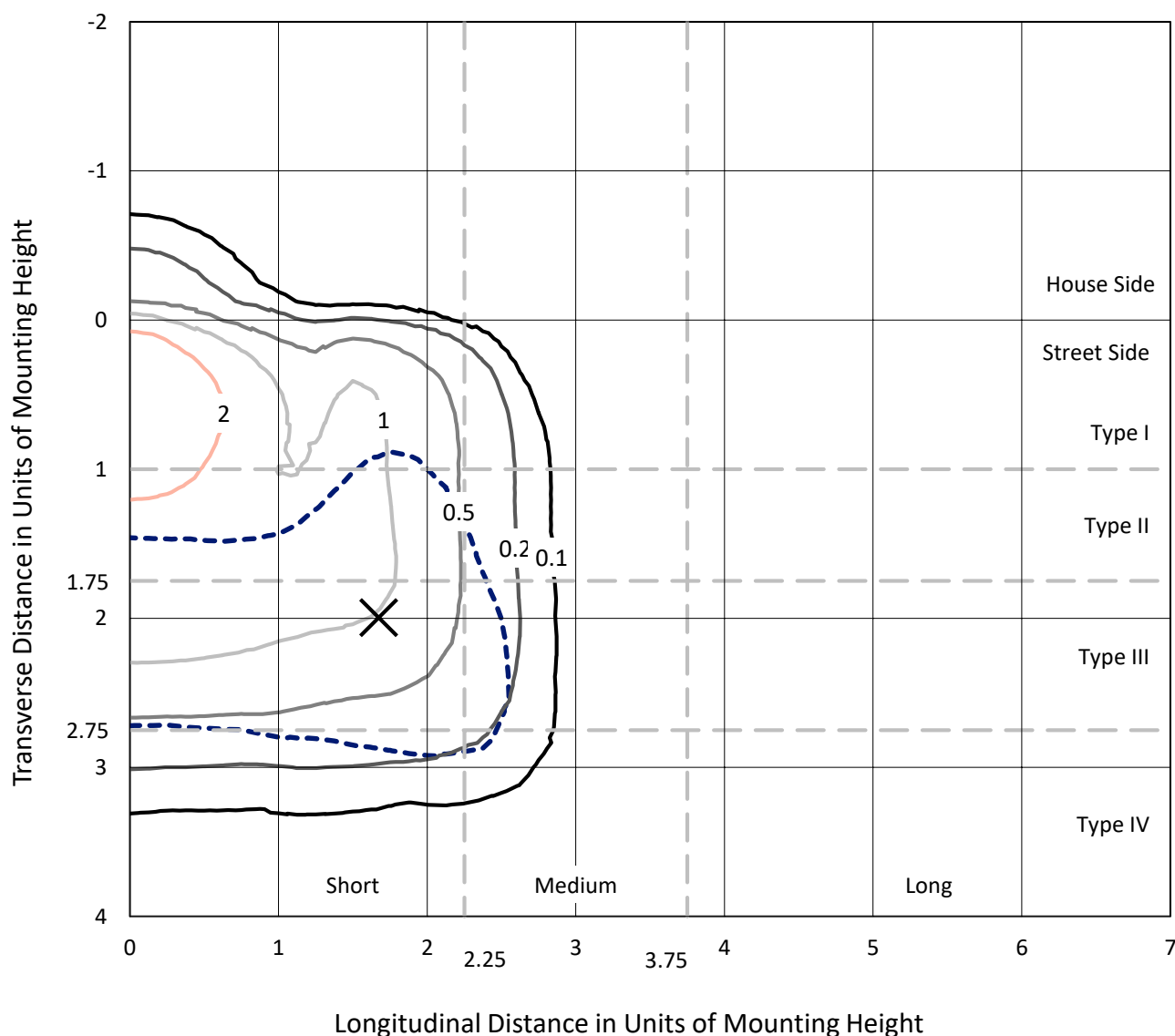
REPORT NUMBER: P180817

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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

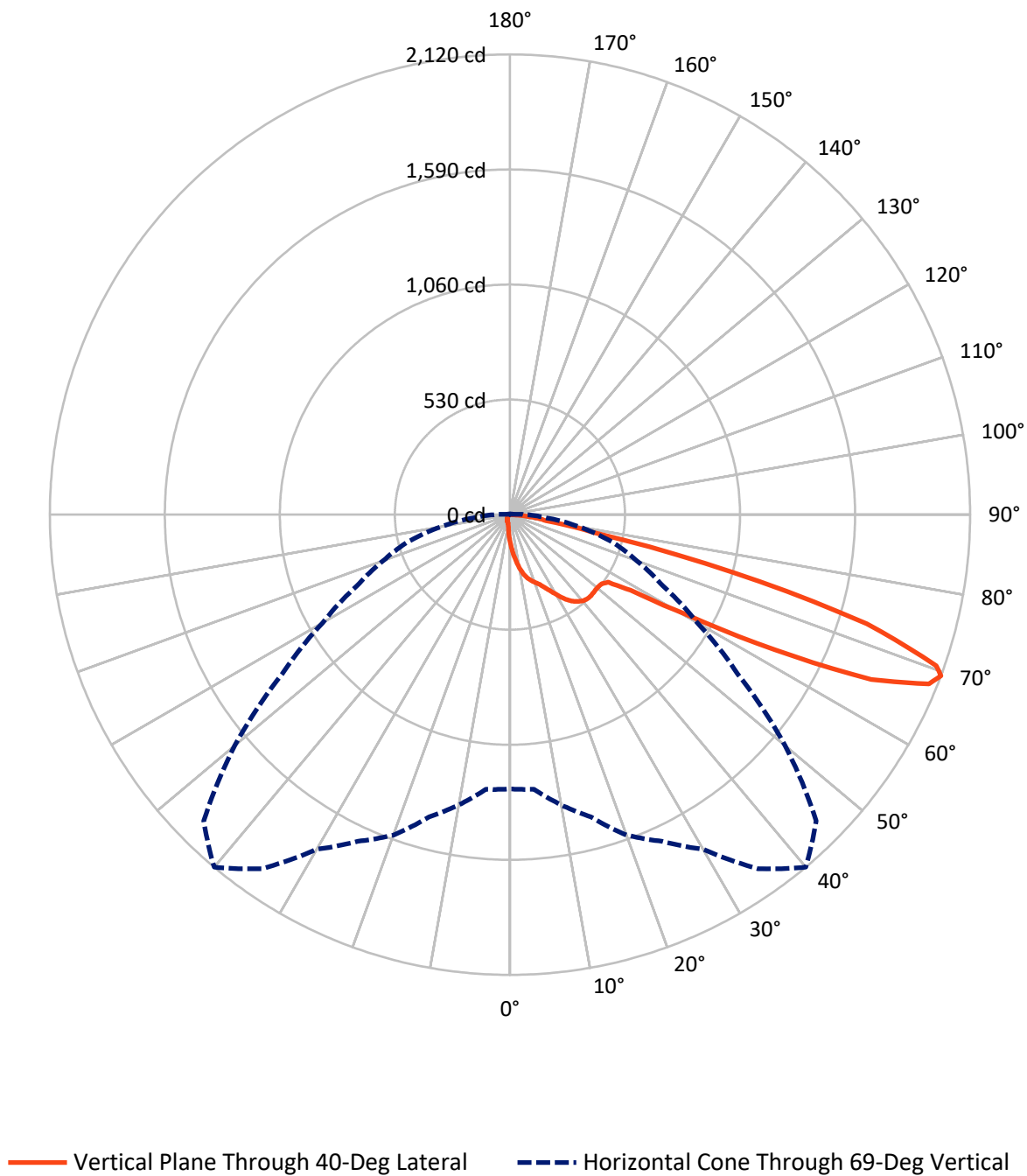


Based on 10 foot mounting height. Maximum calculated value = 3.7 fc  
Type IV - Short - Semi-Cutoff

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## Luminous Intensity Polar Plot



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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 49.8     | 0.0    | 49.8   |
|                    | % Fixture | 3.0      | 0.0    | 3.0    |
| <b>Street Side</b> | Lumens    | 1622.9   | 0.0    | 1622.9 |
|                    | % Fixture | 97.0     | 0.0    | 97.0   |
| <b>Total</b>       | Lumens    | 1672.7   | 0.0    | 1672.7 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 13.0   | 0.8       |
| 10°-20°   | 44.8   | 2.7       |
| 20°-30°   | 85.7   | 5.1       |
| 30°-40°   | 142.5  | 8.5       |
| 40°-50°   | 192.8  | 11.5      |
| 50°-60°   | 301.5  | 18.0      |
| 60°-70°   | 619.9  | 37.1      |
| 70°-80°   | 249.5  | 14.9      |
| 80°-90°   | 23.1   | 1.4       |
| 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°    | 1672.7 | 100.0     |
| 0°-180°   | 1672.7 | 100.0     |

**Coefficient of Utilization**



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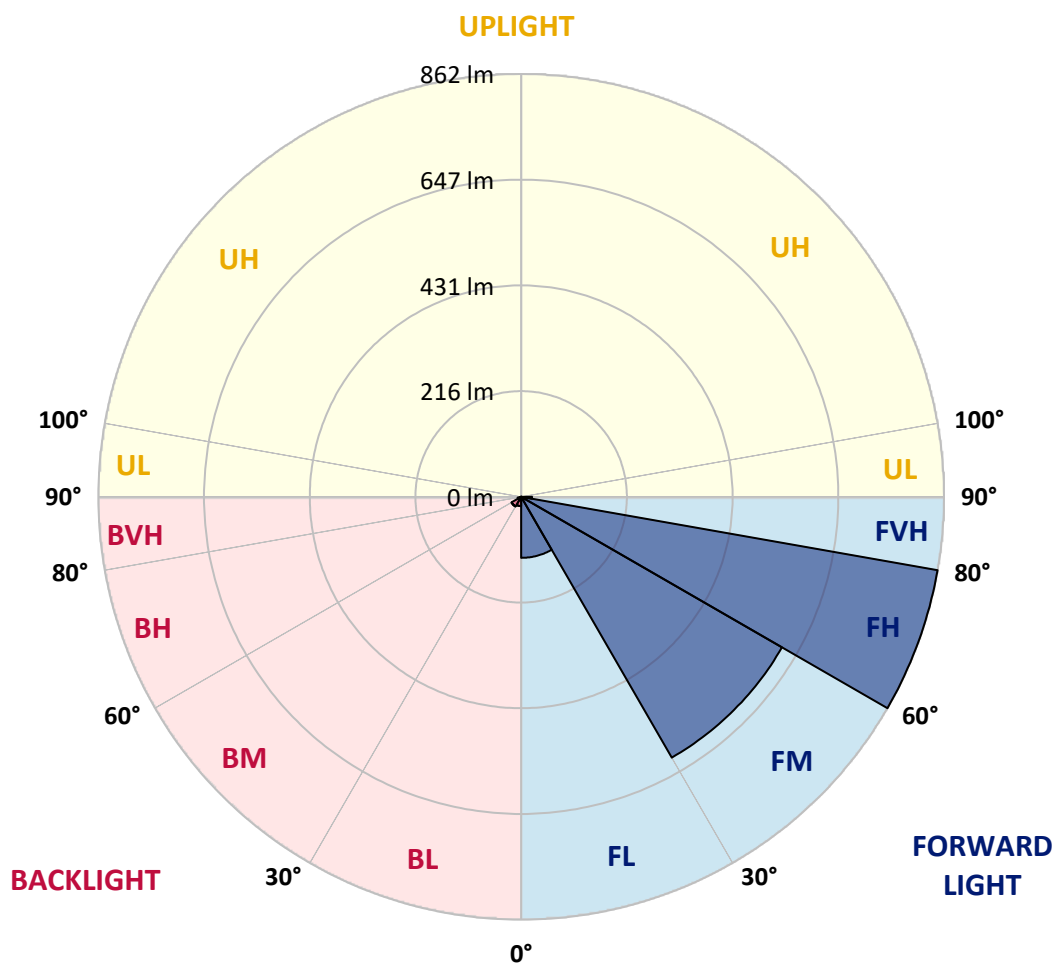
CATALOG NUMBER: ICS-E01-LED-E1-SL4-HSS-7030

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 124.5  | 7.4       |                         |      |         |
| FM   | (30°-60°)   | 614.1  | 36.7      |                         |      |         |
| FH   | (60°-80°)   | 862.1  | 51.5      |                         |      | G1/1800 |
| FVH  | (80°-90°)   | 22.2   | 1.3       |                         |      | G1/100  |
| BL   | (0°-30°)    | 18.9   | 1.1       | B0/110                  |      |         |
| BM   | (30°-60°)   | 22.7   | 1.4       | B0/220                  |      |         |
| BH   | (60°-80°)   | 7.3    | 0.4       | B0/110                  |      | G0/110  |
| BVH  | (80°-90°)   | 0.9    | 0.1       |                         |      | G0/10   |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B0-U0-G1**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 126.3  | 126.3  | 126.3  | 126.3  | 126.3  | 126.3  | 126.3  | 126.3  | 126.3  | 126.3  | 126.3  |
| 2.5°  | 168.5  | 166.6  | 164.4  | 164.4  | 161.7  | 161.7  | 160.0  | 155.6  | 155.1  | 152.6  | 150.2  |
| 5°    | 215.1  | 213.5  | 210.7  | 208.3  | 206.1  | 202.2  | 199.5  | 194.3  | 188.5  | 183.0  | 178.1  |
| 7.5°  | 260.6  | 259.8  | 254.8  | 254.0  | 250.5  | 244.2  | 238.7  | 231.0  | 221.1  | 213.5  | 204.4  |
| 10°   | 302.8  | 300.9  | 299.8  | 295.1  | 289.9  | 283.1  | 274.6  | 265.3  | 253.7  | 241.7  | 228.8  |
| 12.5° | 336.2  | 335.1  | 330.2  | 328.3  | 322.8  | 315.9  | 305.3  | 293.2  | 281.7  | 266.1  | 251.0  |
| 15°   | 361.2  | 359.2  | 356.0  | 352.9  | 346.4  | 340.3  | 330.5  | 317.3  | 303.3  | 286.4  | 268.3  |
| 17.5° | 382.0  | 378.4  | 377.6  | 372.9  | 366.1  | 359.0  | 348.0  | 335.9  | 319.5  | 302.5  | 282.8  |
| 20°   | 409.9  | 405.0  | 403.4  | 396.5  | 388.6  | 378.7  | 366.1  | 351.0  | 333.8  | 315.1  | 294.8  |
| 22.5° | 442.8  | 439.3  | 435.7  | 429.7  | 419.5  | 405.5  | 387.2  | 370.7  | 348.8  | 328.3  | 306.4  |
| 25°   | 489.4  | 486.4  | 480.6  | 472.4  | 459.8  | 443.1  | 420.9  | 396.8  | 371.0  | 344.7  | 319.0  |
| 27.5° | 534.6  | 531.9  | 527.8  | 521.5  | 507.2  | 488.9  | 461.4  | 430.8  | 398.2  | 366.4  | 337.9  |
| 30°   | 577.1  | 574.6  | 570.5  | 564.2  | 551.6  | 533.5  | 502.6  | 469.7  | 429.1  | 392.1  | 357.9  |
| 32.5° | 622.8  | 622.0  | 617.4  | 608.3  | 597.4  | 573.0  | 539.3  | 503.9  | 462.8  | 420.1  | 380.1  |
| 35°   | 674.6  | 668.3  | 664.0  | 654.9  | 636.3  | 610.2  | 570.8  | 532.1  | 488.9  | 445.0  | 400.3  |
| 37.5° | 718.5  | 712.5  | 707.0  | 695.5  | 672.7  | 639.6  | 594.9  | 552.4  | 507.8  | 463.1  | 417.6  |
| 40°   | 750.5  | 747.5  | 741.0  | 725.9  | 700.4  | 660.9  | 612.7  | 566.4  | 521.5  | 476.5  | 431.6  |
| 42.5° | 774.4  | 769.7  | 762.3  | 746.7  | 716.6  | 671.6  | 619.8  | 572.2  | 527.8  | 484.7  | 440.6  |
| 45°   | 783.1  | 779.3  | 772.5  | 755.5  | 722.9  | 674.6  | 619.6  | 570.5  | 528.0  | 487.2  | 446.7  |
| 47.5° | 777.9  | 774.1  | 768.1  | 752.2  | 720.1  | 671.1  | 614.6  | 565.9  | 525.3  | 488.0  | 452.1  |
| 50°   | 760.7  | 758.5  | 753.8  | 740.4  | 711.6  | 664.2  | 610.2  | 563.4  | 524.7  | 492.1  | 459.8  |
| 52.5° | 759.0  | 757.7  | 751.9  | 738.5  | 709.2  | 662.0  | 609.7  | 564.8  | 529.4  | 497.3  | 465.3  |
| 55°   | 927.6  | 908.1  | 864.5  | 827.5  | 766.7  | 694.4  | 637.4  | 587.0  | 549.1  | 517.9  | 495.4  |
| 57.5° | 1318.3 | 1289.3 | 1232.0 | 1161.6 | 1021.8 | 884.5  | 774.7  | 695.2  | 656.0  | 641.8  | 650.2  |
| 60°   | 1501.4 | 1496.1 | 1487.1 | 1453.7 | 1382.2 | 1264.1 | 1132.5 | 990.3  | 933.3  | 928.4  | 945.6  |
| 62.5° | 1588.2 | 1584.9 | 1587.7 | 1583.6 | 1561.4 | 1526.8 | 1489.0 | 1427.6 | 1371.2 | 1334.8 | 1257.5 |
| 65°   | 1628.2 | 1630.4 | 1646.0 | 1658.4 | 1661.1 | 1670.2 | 1697.8 | 1774.3 | 1830.2 | 1736.2 | 1521.6 |
| 67.5° | 1526.6 | 1539.4 | 1575.3 | 1620.3 | 1672.9 | 1723.9 | 1806.1 | 1967.2 | 2082.0 | 1971.6 | 1666.9 |
| 69°   | 1263.8 | 1270.1 | 1357.8 | 1442.4 | 1571.0 | 1660.8 | 1780.0 | 1991.3 | 2120.4 | 1995.7 | 1655.4 |
| 70°   | 995.0  | 1000.7 | 1094.7 | 1209.8 | 1427.1 | 1542.7 | 1698.7 | 1950.5 | 2084.5 | 1963.6 | 1596.2 |
| 72.5° | 448.8  | 440.6  | 473.8  | 535.4  | 771.6  | 955.2  | 1227.9 | 1580.3 | 1719.7 | 1573.1 | 1194.2 |
| 75°   | 313.5  | 309.9  | 313.5  | 313.8  | 350.5  | 452.1  | 570.5  | 856.6  | 1059.4 | 914.1  | 570.5  |
| 77.5° | 242.8  | 240.3  | 237.8  | 235.1  | 239.5  | 268.3  | 279.8  | 303.9  | 394.6  | 373.2  | 217.6  |
| 80°   | 192.1  | 189.9  | 195.9  | 194.0  | 194.0  | 197.3  | 195.1  | 186.1  | 169.1  | 156.7  | 140.3  |
| 82.5° | 89.3   | 89.9   | 89.9   | 97.6   | 117.6  | 137.3  | 143.6  | 134.5  | 119.5  | 101.7  | 81.9   |
| 85°   | 8.5    | 9.6    | 16.2   | 24.9   | 49.6   | 55.9   | 56.2   | 46.6   | 46.6   | 36.7   | 29.6   |
| 87.5° | 0.0    | 0.3    | 0.3    | 0.3    | 2.5    | 6.9    | 5.8    | 1.6    | 0.8    | 0.8    | 1.4    |
| 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):**

|       | 55°    | 60°    | 65°    | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|-------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 126.3  | 126.3  | 126.3  | 126.3 | 126.3 | 126.3 | 126.3 | 126.3 | 126.3 | 126.3 | 126.3 |
| 2.5°  | 145.8  | 145.0  | 141.7  | 138.4 | 135.4 | 132.1 | 129.1 | 126.0 | 122.8 | 120.3 | 117.3 |
| 5°    | 170.4  | 164.4  | 157.6  | 151.0 | 144.4 | 137.6 | 130.4 | 124.1 | 117.6 | 111.5 | 105.8 |
| 7.5°  | 195.4  | 183.6  | 174.3  | 162.5 | 151.8 | 141.1 | 131.3 | 121.1 | 111.8 | 103.0 | 94.8  |
| 10°   | 216.5  | 202.2  | 187.7  | 172.6 | 157.3 | 143.0 | 129.3 | 117.3 | 104.9 | 94.3  | 84.1  |
| 12.5° | 233.7  | 215.7  | 197.8  | 178.9 | 161.7 | 143.6 | 126.6 | 112.1 | 97.6  | 85.5  | 75.1  |
| 15°   | 249.4  | 228.5  | 207.2  | 185.2 | 163.3 | 142.8 | 123.9 | 105.8 | 91.0  | 77.3  | 65.5  |
| 17.5° | 262.0  | 238.1  | 214.0  | 189.3 | 165.8 | 141.7 | 120.3 | 101.4 | 84.1  | 69.9  | 58.4  |
| 20°   | 272.9  | 248.0  | 222.0  | 194.3 | 167.4 | 141.4 | 117.3 | 95.9  | 78.1  | 63.0  | 51.8  |
| 22.5° | 283.1  | 258.1  | 230.2  | 200.6 | 169.9 | 141.1 | 114.5 | 91.8  | 72.9  | 57.8  | 46.6  |
| 25°   | 294.6  | 268.3  | 238.9  | 207.2 | 174.3 | 142.2 | 112.9 | 88.5  | 68.2  | 52.9  | 42.5  |
| 27.5° | 307.5  | 279.8  | 249.4  | 215.4 | 180.0 | 144.4 | 112.3 | 84.9  | 64.1  | 48.2  | 39.2  |
| 30°   | 325.5  | 293.5  | 259.8  | 223.6 | 185.2 | 146.9 | 111.8 | 82.8  | 60.0  | 44.7  | 35.9  |
| 32.5° | 341.4  | 306.9  | 271.3  | 232.1 | 191.0 | 149.3 | 111.5 | 79.7  | 56.2  | 41.1  | 33.4  |
| 35°   | 358.1  | 319.2  | 281.1  | 240.3 | 195.9 | 152.1 | 111.3 | 77.5  | 52.6  | 37.5  | 31.0  |
| 37.5° | 372.7  | 329.6  | 288.8  | 247.4 | 201.4 | 154.5 | 111.5 | 75.6  | 49.3  | 34.5  | 28.8  |
| 40°   | 385.0  | 340.3  | 297.3  | 254.0 | 207.2 | 158.4 | 111.8 | 73.7  | 46.0  | 31.8  | 26.9  |
| 42.5° | 396.0  | 350.5  | 306.4  | 261.4 | 213.7 | 162.8 | 113.4 | 72.1  | 43.3  | 29.3  | 24.9  |
| 45°   | 404.5  | 359.8  | 316.2  | 271.8 | 224.4 | 169.9 | 116.5 | 71.0  | 40.6  | 27.1  | 23.3  |
| 47.5° | 413.2  | 373.5  | 332.9  | 288.3 | 240.0 | 181.1 | 121.7 | 70.7  | 38.4  | 25.5  | 21.9  |
| 50°   | 425.3  | 387.2  | 347.7  | 305.0 | 254.3 | 192.6 | 128.0 | 71.0  | 35.6  | 23.8  | 20.6  |
| 52.5° | 434.0  | 401.2  | 366.9  | 334.0 | 288.3 | 227.7 | 152.4 | 75.9  | 34.3  | 22.5  | 18.9  |
| 55°   | 485.8  | 480.1  | 480.9  | 486.4 | 451.0 | 387.5 | 254.8 | 109.6 | 40.3  | 25.5  | 18.6  |
| 57.5° | 685.1  | 705.3  | 717.1  | 716.8 | 658.5 | 546.1 | 342.3 | 140.8 | 44.9  | 29.6  | 22.2  |
| 60°   | 947.0  | 931.7  | 910.0  | 856.6 | 779.0 | 623.4 | 382.8 | 151.5 | 38.9  | 23.6  | 20.3  |
| 62.5° | 1178.6 | 1088.7 | 1008.9 | 922.4 | 820.7 | 650.2 | 391.0 | 150.7 | 34.0  | 17.8  | 14.2  |
| 65°   | 1323.0 | 1161.3 | 1032.5 | 924.0 | 804.2 | 627.8 | 369.9 | 138.4 | 28.8  | 14.5  | 11.8  |
| 67.5° | 1357.5 | 1122.1 | 939.9  | 801.5 | 671.9 | 488.6 | 271.6 | 104.1 | 22.5  | 12.1  | 10.4  |
| 69°   | 1282.1 | 997.4  | 778.8  | 621.8 | 488.9 | 324.2 | 168.0 | 65.8  | 17.3  | 11.0  | 9.6   |
| 70°   | 1179.4 | 867.5  | 634.4  | 499.0 | 362.0 | 227.7 | 117.6 | 46.3  | 14.0  | 10.1  | 8.8   |
| 72.5° | 758.8  | 455.7  | 311.8  | 217.0 | 149.3 | 90.7  | 46.0  | 20.8  | 10.7  | 8.5   | 7.1   |
| 75°   | 294.3  | 168.5  | 122.2  | 92.9  | 72.6  | 50.4  | 28.0  | 13.4  | 9.0   | 7.1   | 5.5   |
| 77.5° | 145.0  | 111.0  | 90.7   | 62.2  | 36.2  | 22.5  | 15.1  | 10.4  | 7.4   | 5.2   | 3.6   |
| 80°   | 114.5  | 76.2   | 45.5   | 28.2  | 21.4  | 16.2  | 11.5  | 8.5   | 5.5   | 3.3   | 2.5   |
| 82.5° | 58.6   | 32.1   | 23.6   | 19.2  | 15.9  | 12.6  | 9.3   | 6.0   | 3.6   | 2.2   | 1.9   |
| 85°   | 18.4   | 13.4   | 12.1   | 11.8  | 11.0  | 9.0   | 6.6   | 3.8   | 2.2   | 1.4   | 1.4   |
| 87.5° | 1.4    | 1.9    | 2.5    | 1.9   | 2.2   | 1.9   | 2.5   | 1.6   | 1.1   | 1.1   | 0.8   |
| 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):**

|       | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 126.3 | 126.3 | 126.3 | 126.3 | 126.3 | 126.3 | 126.3 | 126.3 | 126.3 | 126.3 | 126.3 |
| 2.5°  | 115.1 | 111.8 | 108.8 | 106.9 | 103.3 | 101.9 | 100.6 | 100.0 | 97.6  | 98.1  | 95.9  |
| 5°    | 100.6 | 94.8  | 90.4  | 86.0  | 81.9  | 78.9  | 76.5  | 73.4  | 71.0  | 69.9  | 67.7  |
| 7.5°  | 87.4  | 80.0  | 74.3  | 69.6  | 64.7  | 60.8  | 57.5  | 55.4  | 53.2  | 51.0  | 49.9  |
| 10°   | 75.9  | 68.0  | 61.4  | 56.7  | 52.1  | 48.8  | 46.3  | 44.7  | 43.3  | 42.5  | 42.2  |
| 12.5° | 65.2  | 57.5  | 51.5  | 47.4  | 43.8  | 42.2  | 41.1  | 40.3  | 40.0  | 39.7  | 39.7  |
| 15°   | 57.0  | 49.3  | 44.7  | 41.7  | 40.0  | 39.2  | 38.9  | 38.4  | 37.8  | 37.5  | 37.5  |
| 17.5° | 49.3  | 43.6  | 40.3  | 38.6  | 37.8  | 37.3  | 36.7  | 36.2  | 35.6  | 35.3  | 35.3  |
| 20°   | 44.1  | 39.5  | 37.8  | 36.7  | 35.9  | 35.3  | 34.5  | 34.0  | 33.7  | 33.4  | 33.2  |
| 22.5° | 40.0  | 37.0  | 35.9  | 35.1  | 34.0  | 33.2  | 32.6  | 32.1  | 31.5  | 31.2  | 31.0  |
| 25°   | 37.0  | 35.1  | 34.3  | 33.2  | 32.1  | 31.2  | 30.4  | 29.6  | 29.0  | 28.8  | 28.2  |
| 27.5° | 34.8  | 33.4  | 32.3  | 31.0  | 29.9  | 29.0  | 28.2  | 27.4  | 26.9  | 26.3  | 26.0  |
| 30°   | 32.9  | 31.5  | 30.1  | 29.0  | 27.7  | 26.9  | 25.8  | 24.9  | 24.7  | 24.1  | 23.6  |
| 32.5° | 31.0  | 29.6  | 28.2  | 26.9  | 25.5  | 24.4  | 23.8  | 22.7  | 22.2  | 21.9  | 21.4  |
| 35°   | 28.8  | 27.4  | 25.8  | 24.7  | 23.3  | 22.2  | 21.4  | 20.6  | 20.0  | 19.5  | 19.2  |
| 37.5° | 26.9  | 25.2  | 23.6  | 22.2  | 21.1  | 20.0  | 19.2  | 18.4  | 17.8  | 17.3  | 17.0  |
| 40°   | 24.7  | 23.0  | 21.4  | 20.0  | 18.9  | 18.1  | 17.3  | 16.4  | 15.9  | 15.6  | 15.6  |
| 42.5° | 22.7  | 20.8  | 19.2  | 18.1  | 17.3  | 16.2  | 15.3  | 14.5  | 14.2  | 14.0  | 14.2  |
| 45°   | 20.8  | 18.9  | 17.5  | 16.4  | 15.6  | 14.5  | 13.7  | 13.2  | 12.9  | 13.2  | 13.4  |
| 47.5° | 19.2  | 17.3  | 15.9  | 15.1  | 14.2  | 13.4  | 12.6  | 12.1  | 12.1  | 12.6  | 13.2  |
| 50°   | 17.5  | 15.6  | 14.5  | 14.0  | 13.2  | 12.3  | 11.2  | 11.0  | 11.2  | 11.8  | 12.3  |
| 52.5° | 15.9  | 13.7  | 12.9  | 12.6  | 11.8  | 11.0  | 10.1  | 9.9   | 10.1  | 10.7  | 10.4  |
| 55°   | 14.2  | 12.1  | 11.8  | 11.5  | 10.7  | 9.6   | 8.8   | 8.8   | 8.8   | 8.5   | 7.9   |
| 57.5° | 13.7  | 10.7  | 10.4  | 10.1  | 9.3   | 8.2   | 7.7   | 7.1   | 6.9   | 6.0   | 5.8   |
| 60°   | 14.2  | 9.6   | 9.6   | 9.0   | 8.2   | 7.1   | 6.3   | 5.5   | 4.9   | 4.4   | 4.4   |
| 62.5° | 11.5  | 8.8   | 8.5   | 7.9   | 6.9   | 5.8   | 4.9   | 4.1   | 3.8   | 3.6   | 3.6   |
| 65°   | 9.3   | 7.9   | 7.4   | 6.6   | 5.8   | 4.7   | 3.8   | 3.3   | 3.0   | 3.0   | 3.3   |
| 67.5° | 8.5   | 7.1   | 6.3   | 5.5   | 4.7   | 3.6   | 3.0   | 2.7   | 2.7   | 3.0   | 3.0   |
| 69°   | 7.9   | 6.6   | 5.8   | 4.9   | 4.1   | 3.3   | 2.7   | 2.7   | 2.7   | 2.7   | 3.0   |
| 70°   | 7.4   | 6.3   | 5.5   | 4.7   | 3.6   | 2.7   | 2.5   | 2.5   | 2.7   | 2.7   | 3.0   |
| 72.5° | 5.8   | 4.9   | 4.7   | 3.8   | 2.7   | 2.5   | 2.2   | 2.5   | 2.5   | 2.7   | 2.7   |
| 75°   | 4.4   | 3.6   | 3.6   | 3.0   | 2.2   | 1.9   | 1.9   | 2.2   | 2.2   | 2.5   | 2.5   |
| 77.5° | 3.0   | 2.5   | 2.5   | 2.2   | 1.9   | 1.6   | 1.6   | 1.9   | 2.2   | 2.2   | 2.5   |
| 80°   | 2.2   | 1.9   | 1.6   | 1.9   | 1.6   | 1.4   | 1.6   | 1.9   | 1.9   | 2.2   | 2.2   |
| 82.5° | 1.6   | 1.6   | 1.6   | 1.6   | 1.4   | 1.4   | 1.6   | 1.6   | 1.9   | 2.2   | 2.2   |
| 85°   | 1.4   | 1.4   | 1.4   | 1.4   | 1.4   | 1.4   | 1.4   | 1.6   | 1.6   | 1.9   | 1.9   |
| 87.5° | 0.8   | 0.8   | 0.8   | 1.1   | 1.1   | 1.4   | 1.4   | 1.4   | 1.4   | 1.6   | 1.6   |
| 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: P180817

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**CANDELA DISTRIBUTION (continued):**

|       | 165°  | 170°  | 175°  | 180°  |
|-------|-------|-------|-------|-------|
| 0°    | 126.3 | 126.3 | 126.3 | 126.3 |
| 2.5°  | 95.4  | 95.1  | 94.0  | 94.3  |
| 5°    | 66.9  | 65.2  | 66.3  | 66.0  |
| 7.5°  | 49.0  | 48.8  | 48.5  | 49.0  |
| 10°   | 41.9  | 41.9  | 41.7  | 41.9  |
| 12.5° | 39.5  | 39.5  | 39.5  | 39.5  |
| 15°   | 37.5  | 37.5  | 37.3  | 37.3  |
| 17.5° | 35.3  | 35.3  | 35.3  | 35.1  |
| 20°   | 33.2  | 32.9  | 32.9  | 32.9  |
| 22.5° | 30.7  | 30.4  | 30.4  | 30.4  |
| 25°   | 28.2  | 28.0  | 28.0  | 28.0  |
| 27.5° | 25.8  | 25.5  | 25.2  | 25.2  |
| 30°   | 23.3  | 23.0  | 22.7  | 22.7  |
| 32.5° | 20.8  | 20.6  | 20.3  | 20.3  |
| 35°   | 18.6  | 18.6  | 18.4  | 18.1  |
| 37.5° | 16.7  | 16.7  | 16.7  | 16.7  |
| 40°   | 15.3  | 15.6  | 15.6  | 15.6  |
| 42.5° | 14.5  | 14.8  | 15.1  | 15.3  |
| 45°   | 14.0  | 14.5  | 14.8  | 14.8  |
| 47.5° | 13.7  | 14.0  | 14.2  | 14.2  |
| 50°   | 12.6  | 12.3  | 12.3  | 12.3  |
| 52.5° | 10.1  | 9.6   | 9.3   | 9.0   |
| 55°   | 7.4   | 7.1   | 6.6   | 6.6   |
| 57.5° | 5.2   | 5.2   | 4.9   | 4.9   |
| 60°   | 4.1   | 4.1   | 3.8   | 4.1   |
| 62.5° | 3.6   | 3.6   | 3.6   | 3.6   |
| 65°   | 3.3   | 3.3   | 3.3   | 3.3   |
| 67.5° | 3.3   | 3.3   | 3.3   | 3.3   |
| 69°   | 3.0   | 3.0   | 3.0   | 3.0   |
| 70°   | 3.0   | 3.0   | 3.0   | 3.0   |
| 72.5° | 2.7   | 2.7   | 2.7   | 2.7   |
| 75°   | 2.5   | 2.7   | 2.7   | 2.7   |
| 77.5° | 2.5   | 2.5   | 2.5   | 2.5   |
| 80°   | 2.2   | 2.2   | 2.5   | 2.5   |
| 82.5° | 2.2   | 2.2   | 2.2   | 2.2   |
| 85°   | 1.9   | 1.9   | 2.2   | 2.2   |
| 87.5° | 1.6   | 1.6   | 1.9   | 1.9   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   |

(END OF REPORT)