

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: P173731

Luminaire Tested: **ENV-EXX-LED-E1-BL3-CWB**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P173731  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33645)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 03/03/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: ENV-EXX-LED-E1-BL3-CWB  
Description: ENTRI LED LUMINAIRE, EMERGENCY MODE  
LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL  
Light Source: (42) 4000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1749.9 lumens  
Efficiency: N/A  
Efficacy: 318.2 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.33' x H: 0')  
IES Classification: Type III - Short - Semi-Cutoff  
BUG Rating: B1 - U0 - G1

Input Watts (W): 5.5  
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

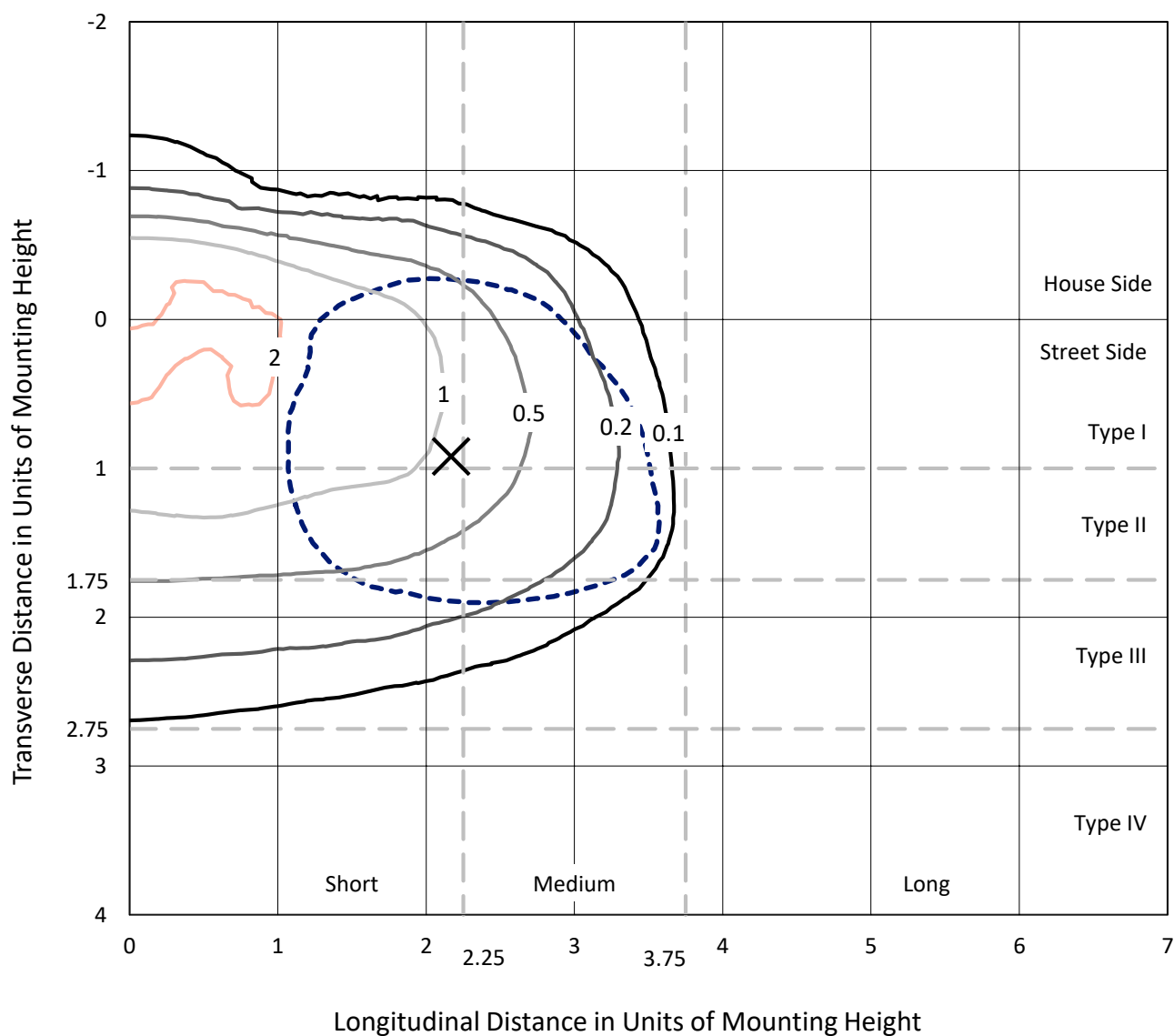


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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 --- 1/2 Max cd

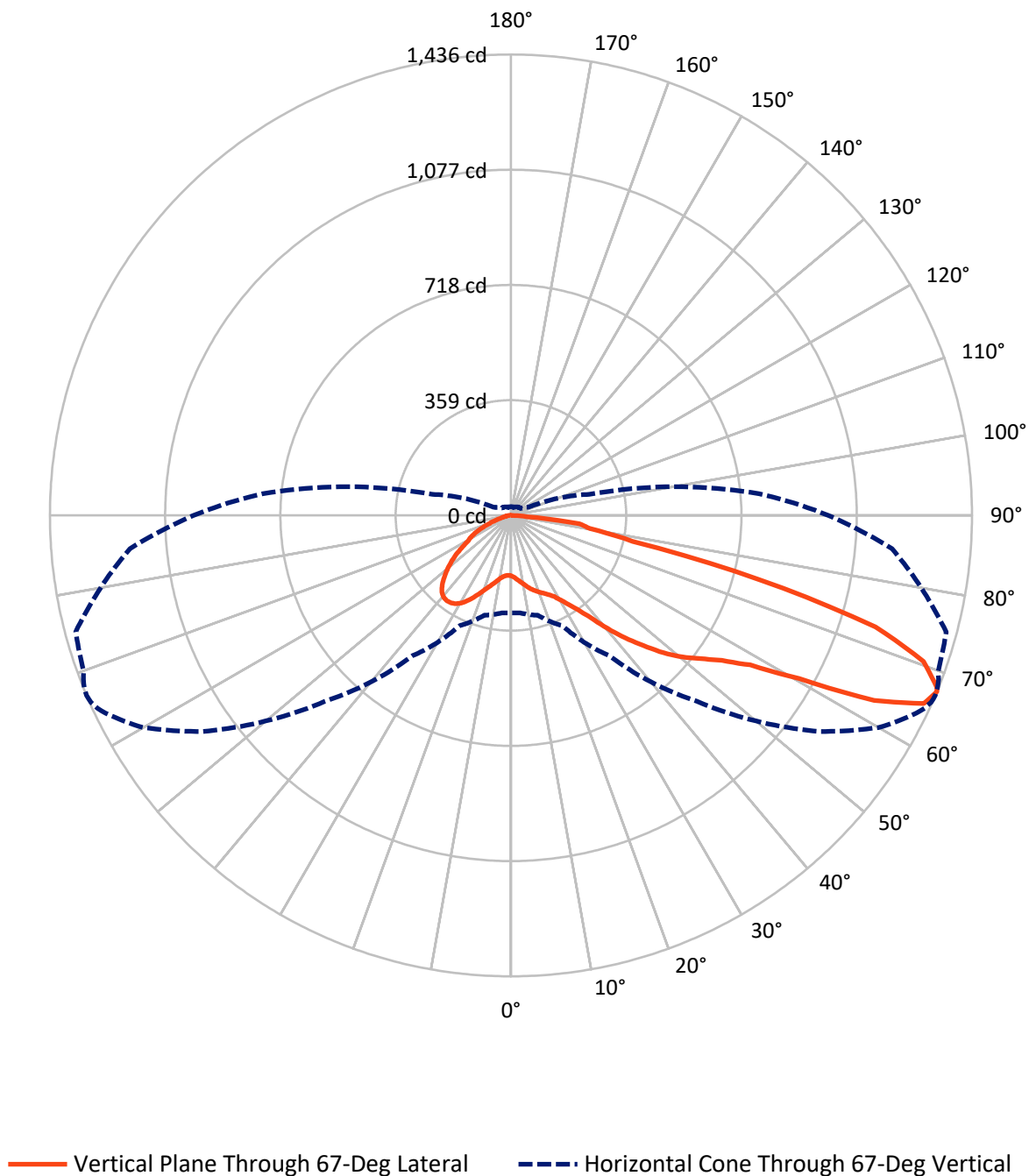


Based on 10 foot mounting height. Maximum calculated value = 2.4 fc  
 Type III - Short - Semi-Cutoff

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## Luminous Intensity Polar Plot



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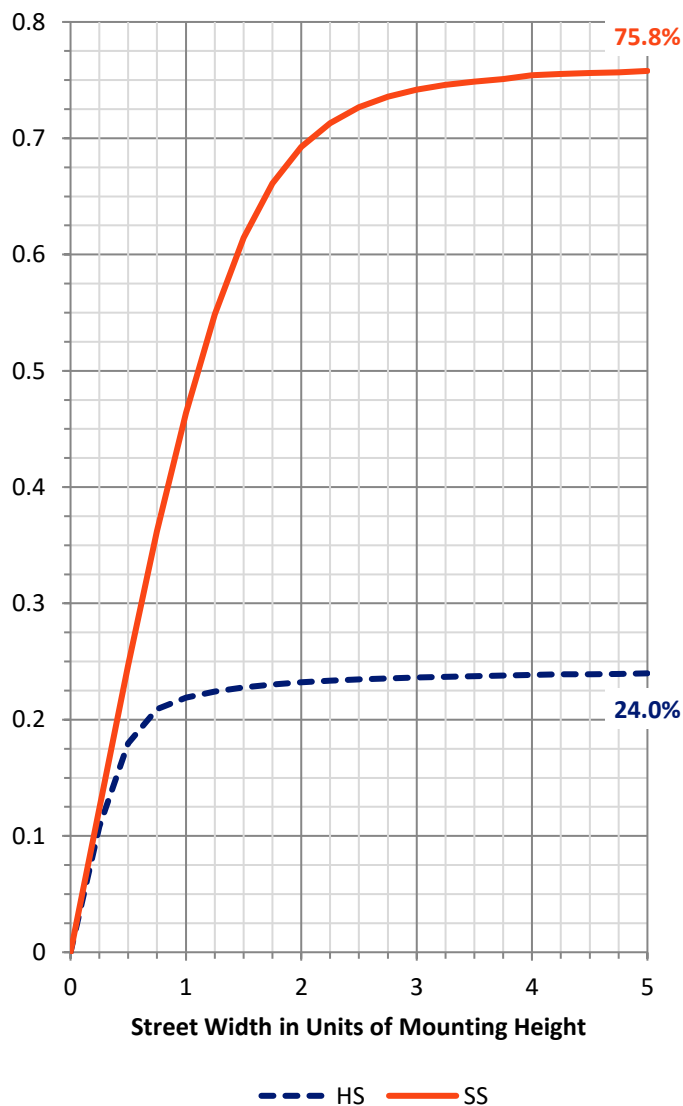
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 424.9    | 0.0    | 424.9  |
|                    | % Fixture | 24.3     | 0.0    | 24.3   |
| <b>Street Side</b> | Lumens    | 1325.0   | 0.0    | 1325.0 |
|                    | % Fixture | 75.7     | 0.0    | 75.7   |
| <b>Total</b>       | Lumens    | 1749.9   | 0.0    | 1749.9 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 19.0   | 1.1       |
| 10°-20°   | 65.7   | 3.8       |
| 20°-30°   | 119.1  | 6.8       |
| 30°-40°   | 174.1  | 9.9       |
| 40°-50°   | 263.7  | 15.1      |
| 50°-60°   | 378.2  | 21.6      |
| 60°-70°   | 483.3  | 27.6      |
| 70°-80°   | 225.6  | 12.9      |
| 80°-90°   | 21.1   | 1.2       |
| 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°    | 1749.9 | 100.0     |
| 0°-180°   | 1749.9 | 100.0     |

**Coefficient of Utilization**



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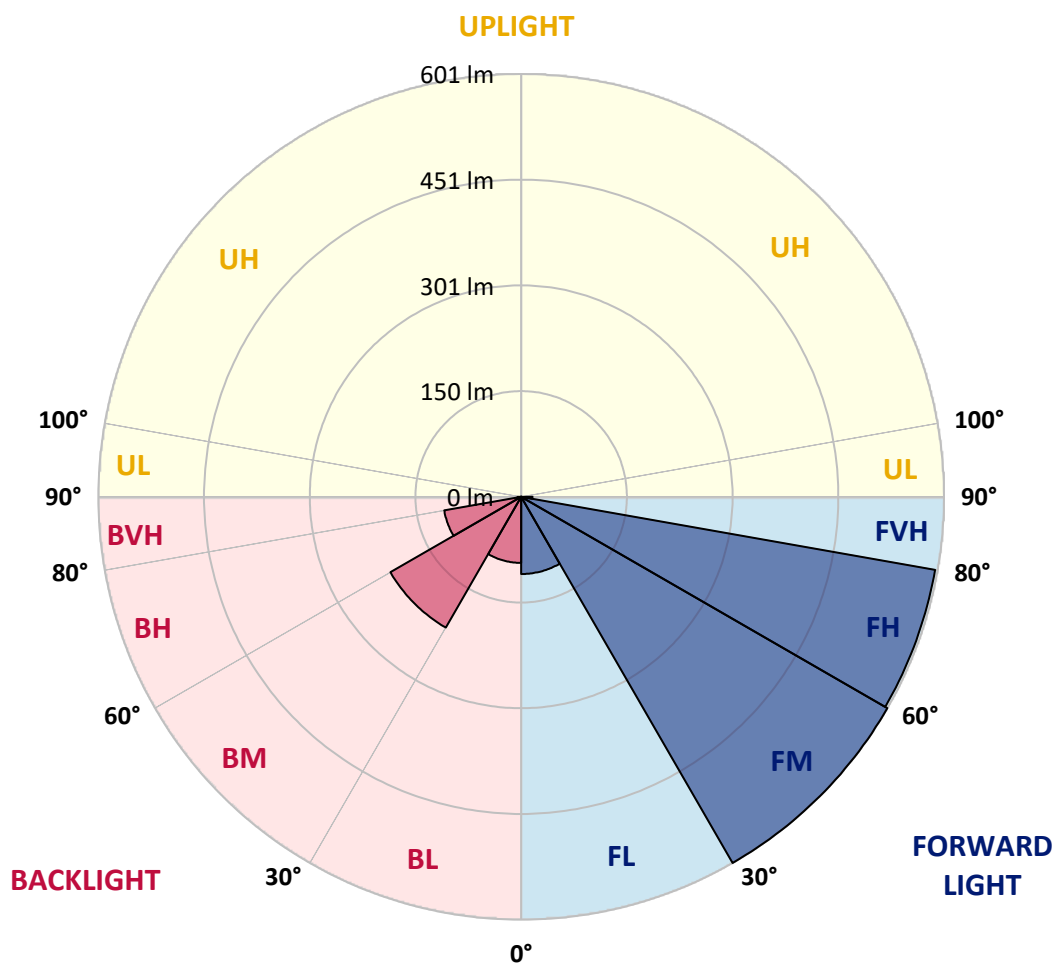
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |        |
|------|-------------|--------|-----------|-------------------------|------|--------|
|      |             |        |           | B                       | U    | G      |
| FL   | (0°-30°)    | 109.8  | 6.3       |                         |      |        |
| FM   | (30°-60°)   | 601.4  | 34.4      |                         |      |        |
| FH   | (60°-80°)   | 597.8  | 34.2      |                         |      | G0/660 |
| FVH  | (80°-90°)   | 16.0   | 0.9       |                         |      | G1/100 |
| BL   | (0°-30°)    | 94.0   | 5.4       | B0/110                  |      |        |
| BM   | (30°-60°)   | 214.6  | 12.3      | B0/220                  |      |        |
| BH   | (60°-80°)   | 111.1  | 6.4       | B1/500                  |      | G1/500 |
| BVH  | (80°-90°)   | 5.1    | 0.3       |                         |      | G0/10  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |        |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |        |

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

Type III Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°    | 5°    | 15°   | 25°   | 35°   | 45°   | 55°    | 60°    | 61°    | 62°    | 64°    |
|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| 0°    | 188.4 | 188.4 | 188.4 | 188.4 | 188.4 | 188.4 | 188.4  | 188.4  | 188.4  | 188.4  | 188.4  |
| 2.5°  | 195.9 | 195.9 | 196.2 | 196.2 | 195.9 | 195.9 | 193.9  | 193.9  | 193.9  | 193.6  | 193.6  |
| 5°    | 206.6 | 206.9 | 206.9 | 206.6 | 205.9 | 204.6 | 202.0  | 202.0  | 202.0  | 201.7  | 201.1  |
| 7.5°  | 218.9 | 218.5 | 218.9 | 217.9 | 216.6 | 215.0 | 211.4  | 211.1  | 210.4  | 210.4  | 209.8  |
| 10°   | 232.5 | 231.5 | 232.5 | 231.2 | 228.6 | 225.7 | 221.5  | 220.2  | 220.2  | 220.2  | 218.9  |
| 12.5° | 246.4 | 246.1 | 246.7 | 244.4 | 239.9 | 236.7 | 232.5  | 230.8  | 230.5  | 230.5  | 229.9  |
| 15°   | 261.6 | 261.3 | 259.3 | 255.8 | 249.9 | 247.0 | 242.2  | 240.2  | 239.9  | 239.9  | 238.9  |
| 17.5° | 277.5 | 277.5 | 272.6 | 265.2 | 257.1 | 252.9 | 249.3  | 248.0  | 247.7  | 247.7  | 247.4  |
| 20°   | 291.1 | 291.1 | 284.6 | 272.3 | 260.6 | 256.1 | 254.8  | 254.8  | 254.8  | 254.8  | 255.1  |
| 22.5° | 301.1 | 300.1 | 291.4 | 276.2 | 261.9 | 258.0 | 261.3  | 261.6  | 261.6  | 262.2  | 262.6  |
| 25°   | 305.6 | 305.3 | 294.9 | 276.8 | 261.6 | 261.0 | 268.1  | 269.0  | 269.7  | 270.3  | 271.3  |
| 27.5° | 306.0 | 306.0 | 295.6 | 276.5 | 261.3 | 266.1 | 276.5  | 279.4  | 280.1  | 281.3  | 283.0  |
| 30°   | 302.7 | 303.0 | 294.3 | 276.2 | 263.5 | 275.8 | 289.8  | 295.3  | 296.6  | 298.5  | 301.1  |
| 32.5° | 298.8 | 299.5 | 294.3 | 279.4 | 273.6 | 292.7 | 311.1  | 318.9  | 320.2  | 322.8  | 325.4  |
| 35°   | 299.5 | 300.5 | 301.4 | 292.4 | 295.9 | 321.5 | 348.0  | 352.6  | 352.3  | 356.5  | 357.8  |
| 37.5° | 303.7 | 306.0 | 313.1 | 314.7 | 328.3 | 363.9 | 391.8  | 401.5  | 401.5  | 405.4  | 404.1  |
| 40°   | 304.3 | 307.9 | 325.7 | 344.5 | 371.4 | 415.1 | 453.3  | 464.6  | 464.6  | 466.2  | 465.6  |
| 42.5° | 319.6 | 322.8 | 348.4 | 381.7 | 419.9 | 471.4 | 513.5  | 523.5  | 525.8  | 524.2  | 525.5  |
| 45°   | 347.1 | 349.3 | 380.7 | 422.8 | 466.9 | 525.5 | 572.4  | 582.1  | 584.4  | 582.8  | 580.8  |
| 47.5° | 382.0 | 385.3 | 418.6 | 468.5 | 513.8 | 575.3 | 632.6  | 644.0  | 646.2  | 643.6  | 644.6  |
| 50°   | 411.2 | 417.3 | 452.9 | 511.9 | 559.1 | 618.1 | 679.3  | 694.8  | 696.7  | 696.7  | 697.4  |
| 52.5° | 437.7 | 443.2 | 477.5 | 543.3 | 595.7 | 656.6 | 713.9  | 734.0  | 736.2  | 737.9  | 739.1  |
| 55°   | 448.7 | 454.2 | 488.6 | 556.9 | 618.1 | 692.5 | 754.0  | 780.9  | 782.2  | 786.4  | 791.9  |
| 57.5° | 449.1 | 453.6 | 487.3 | 556.5 | 629.7 | 724.9 | 808.8  | 850.5  | 855.7  | 861.2  | 870.6  |
| 60°   | 418.6 | 424.1 | 457.8 | 540.4 | 639.4 | 761.2 | 891.6  | 968.4  | 975.8  | 991.7  | 1012.4 |
| 62.5° | 372.7 | 376.5 | 405.7 | 486.9 | 639.4 | 811.3 | 1025.0 | 1151.9 | 1176.9 | 1202.8 | 1241.0 |
| 65°   | 329.9 | 332.8 | 351.3 | 421.5 | 594.1 | 852.1 | 1164.6 | 1310.6 | 1337.5 | 1356.9 | 1389.3 |
| 67°   | 303.4 | 304.7 | 322.1 | 379.4 | 533.2 | 819.4 | 1174.0 | 1321.6 | 1344.6 | 1364.7 | 1405.5 |
| 67.5° | 294.3 | 295.3 | 311.8 | 368.8 | 514.5 | 799.7 | 1159.7 | 1312.5 | 1337.5 | 1357.9 | 1399.3 |
| 70°   | 226.3 | 223.4 | 237.6 | 290.1 | 415.7 | 638.1 | 1018.2 | 1194.4 | 1222.8 | 1250.0 | 1300.2 |
| 72.5° | 135.0 | 130.8 | 139.9 | 168.4 | 269.4 | 448.4 | 772.2  | 980.0  | 1016.3 | 1050.3 | 1116.0 |
| 75°   | 81.3  | 81.6  | 88.4  | 108.1 | 147.0 | 282.0 | 498.9  | 637.8  | 671.8  | 703.9  | 755.7  |
| 77.5° | 40.5  | 40.1  | 46.3  | 62.8  | 107.2 | 175.2 | 289.8  | 367.8  | 379.1  | 394.3  | 388.2  |
| 80°   | 13.0  | 12.6  | 13.6  | 17.2  | 38.5  | 117.5 | 182.3  | 230.8  | 236.0  | 238.9  | 242.5  |
| 82.5° | 1.9   | 2.3   | 2.6   | 4.2   | 7.1   | 28.2  | 113.3  | 160.6  | 167.7  | 176.1  | 192.3  |
| 85°   | 0.0   | 0.0   | 0.3   | 0.3   | 1.0   | 2.3   | 10.7   | 27.5   | 28.8   | 35.0   | 41.1   |
| 87.5° | 0.0   | 0.0   | 0.0   | 0.3   | 0.6   | 1.0   | 1.6    | 1.6    | 1.6    | 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    |

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**CANDELA DISTRIBUTION (continued):**

|       | 65°    | 66°    | 67°    | 68°    | 69°    | 70°    | 75°    | 85°    | 90°    | 95°   | 105°  |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| 0°    | 188.4  | 188.4  | 188.4  | 188.4  | 188.4  | 188.4  | 188.4  | 188.4  | 188.4  | 188.4 | 188.4 |
| 2.5°  | 193.3  | 193.3  | 193.0  | 192.6  | 192.6  | 192.6  | 192.0  | 191.7  | 189.7  | 189.1 | 187.8 |
| 5°    | 201.1  | 201.1  | 200.4  | 200.1  | 199.8  | 199.8  | 198.8  | 196.8  | 194.3  | 192.6 | 190.0 |
| 7.5°  | 209.5  | 209.2  | 208.5  | 208.5  | 207.2  | 207.2  | 205.9  | 202.4  | 199.8  | 197.5 | 194.3 |
| 10°   | 219.2  | 218.9  | 217.9  | 217.6  | 216.9  | 216.3  | 215.0  | 210.8  | 208.2  | 205.3 | 201.4 |
| 12.5° | 229.9  | 229.2  | 228.6  | 228.3  | 227.6  | 227.0  | 225.7  | 221.8  | 219.2  | 216.3 | 211.7 |
| 15°   | 239.3  | 238.9  | 238.3  | 238.0  | 238.0  | 237.3  | 236.3  | 232.8  | 230.2  | 227.0 | 223.4 |
| 17.5° | 247.7  | 247.4  | 247.0  | 247.0  | 246.7  | 246.7  | 246.4  | 243.1  | 241.5  | 238.9 | 235.4 |
| 20°   | 254.8  | 255.1  | 255.1  | 255.1  | 255.4  | 255.8  | 256.4  | 254.8  | 253.2  | 250.9 | 249.0 |
| 22.5° | 262.6  | 262.9  | 263.9  | 263.9  | 264.5  | 264.8  | 267.1  | 266.8  | 266.1  | 264.5 | 262.9 |
| 25°   | 272.0  | 272.6  | 273.3  | 274.2  | 274.6  | 275.5  | 279.4  | 281.0  | 279.7  | 278.8 | 280.4 |
| 27.5° | 284.3  | 285.6  | 286.2  | 287.5  | 288.1  | 289.4  | 295.3  | 298.8  | 297.9  | 298.2 | 301.7 |
| 30°   | 302.7  | 304.0  | 306.0  | 306.6  | 308.9  | 309.5  | 316.3  | 321.8  | 321.8  | 321.2 | 327.6 |
| 32.5° | 327.3  | 328.3  | 330.6  | 332.2  | 333.5  | 334.8  | 341.2  | 347.1  | 347.7  | 349.7 | 352.3 |
| 35°   | 359.7  | 360.3  | 361.6  | 364.2  | 363.9  | 364.6  | 368.1  | 373.9  | 377.2  | 381.7 | 373.9 |
| 37.5° | 402.4  | 404.7  | 404.1  | 404.4  | 401.8  | 403.4  | 404.7  | 410.9  | 417.7  | 422.2 | 392.1 |
| 40°   | 463.3  | 464.9  | 463.3  | 461.0  | 459.1  | 458.1  | 456.2  | 463.0  | 468.8  | 465.6 | 406.3 |
| 42.5° | 522.6  | 523.2  | 521.9  | 518.0  | 516.4  | 513.2  | 508.0  | 516.4  | 519.6  | 504.4 | 413.8 |
| 45°   | 581.2  | 580.2  | 577.9  | 577.3  | 574.0  | 570.8  | 567.9  | 573.4  | 572.1  | 542.3 | 417.0 |
| 47.5° | 642.7  | 641.7  | 640.1  | 637.5  | 633.9  | 633.3  | 630.7  | 630.0  | 620.7  | 574.7 | 415.4 |
| 50°   | 696.4  | 697.1  | 693.5  | 694.8  | 693.2  | 689.9  | 687.7  | 689.0  | 666.6  | 603.2 | 412.1 |
| 52.5° | 742.7  | 742.7  | 741.1  | 742.7  | 742.1  | 740.4  | 742.4  | 763.4  | 717.1  | 643.3 | 407.3 |
| 55°   | 796.5  | 798.4  | 797.1  | 798.7  | 799.7  | 803.3  | 811.3  | 860.6  | 792.6  | 692.5 | 396.3 |
| 57.5° | 875.1  | 880.0  | 878.7  | 885.2  | 891.0  | 900.4  | 929.8  | 981.6  | 886.1  | 746.6 | 374.6 |
| 60°   | 1016.3 | 1032.2 | 1031.5 | 1042.8 | 1054.5 | 1065.2 | 1116.7 | 1126.7 | 992.0  | 817.2 | 358.4 |
| 62.5° | 1251.3 | 1264.3 | 1269.8 | 1282.1 | 1289.5 | 1291.5 | 1332.9 | 1259.4 | 1086.5 | 881.3 | 349.3 |
| 65°   | 1403.5 | 1408.7 | 1413.5 | 1411.9 | 1407.4 | 1399.9 | 1402.5 | 1247.1 | 1055.1 | 840.2 | 299.8 |
| 67°   | 1421.6 | 1432.3 | 1436.2 | 1433.6 | 1426.8 | 1416.5 | 1403.8 | 1191.4 | 988.4  | 776.1 | 253.5 |
| 67.5° | 1416.5 | 1427.5 | 1431.0 | 1428.8 | 1422.9 | 1415.2 | 1400.3 | 1170.4 | 965.8  | 755.3 | 241.5 |
| 70°   | 1333.3 | 1349.1 | 1363.7 | 1368.5 | 1368.9 | 1367.6 | 1352.7 | 1021.8 | 822.0  | 634.3 | 183.2 |
| 72.5° | 1136.7 | 1157.1 | 1187.6 | 1177.8 | 1193.4 | 1183.4 | 1149.4 | 698.4  | 563.3  | 453.3 | 128.5 |
| 75°   | 767.0  | 776.1  | 800.7  | 772.5  | 775.1  | 757.3  | 625.2  | 405.7  | 349.3  | 294.9 | 77.4  |
| 77.5° | 385.9  | 391.8  | 387.9  | 371.0  | 364.6  | 350.0  | 270.7  | 88.1   | 88.1   | 104.9 | 40.5  |
| 80°   | 244.8  | 247.0  | 249.6  | 253.5  | 258.4  | 259.0  | 187.8  | 25.9   | 23.3   | 24.3  | 22.0  |
| 82.5° | 200.7  | 206.9  | 215.0  | 216.6  | 218.5  | 220.2  | 129.5  | 14.2   | 11.7   | 13.0  | 15.5  |
| 85°   | 46.6   | 50.5   | 48.2   | 42.7   | 45.7   | 35.3   | 18.1   | 5.8    | 5.2    | 6.5   | 10.7  |
| 87.5° | 1.6    | 1.6    | 1.6    | 1.6    | 1.6    | 1.6    | 1.6    | 1.6    | 1.3    | 2.3   | 5.5   |
| 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):**

|       | 115°  | 125°  | 135°  | 145°  | 155°  | 165°  | 175°  | 180°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 188.4 | 188.4 | 188.4 | 188.4 | 188.4 | 188.4 | 188.4 | 188.4 |
| 2.5°  | 186.5 | 185.5 | 184.2 | 183.9 | 183.6 | 182.9 | 182.6 | 182.3 |
| 5°    | 187.5 | 185.5 | 183.6 | 182.3 | 181.6 | 181.0 | 180.3 | 180.3 |
| 7.5°  | 191.3 | 189.1 | 186.2 | 184.9 | 183.6 | 182.6 | 182.0 | 182.0 |
| 10°   | 197.8 | 195.2 | 191.7 | 190.0 | 188.4 | 187.5 | 186.8 | 186.2 |
| 12.5° | 207.5 | 204.3 | 200.1 | 197.5 | 195.9 | 195.6 | 194.9 | 194.6 |
| 15°   | 219.5 | 215.9 | 211.4 | 208.8 | 206.2 | 205.6 | 204.9 | 204.6 |
| 17.5° | 231.5 | 228.6 | 225.0 | 220.5 | 215.3 | 211.1 | 209.2 | 208.8 |
| 20°   | 245.1 | 243.8 | 238.3 | 228.3 | 216.9 | 208.2 | 204.6 | 204.6 |
| 22.5° | 262.2 | 258.7 | 245.4 | 227.6 | 210.8 | 198.5 | 193.6 | 193.6 |
| 25°   | 281.0 | 269.0 | 244.4 | 220.5 | 199.8 | 184.5 | 178.1 | 178.1 |
| 27.5° | 297.5 | 272.0 | 238.6 | 208.5 | 183.2 | 166.7 | 159.3 | 159.0 |
| 30°   | 310.5 | 270.3 | 228.3 | 191.7 | 163.8 | 145.0 | 136.6 | 136.6 |
| 32.5° | 317.6 | 264.8 | 214.0 | 171.9 | 140.2 | 118.8 | 108.5 | 108.8 |
| 35°   | 319.6 | 255.4 | 195.2 | 145.7 | 111.7 | 90.7  | 81.3  | 81.3  |
| 37.5° | 317.6 | 240.6 | 171.9 | 116.9 | 83.5  | 68.6  | 61.5  | 60.9  |
| 40°   | 311.1 | 218.2 | 140.8 | 85.5  | 62.2  | 53.4  | 50.5  | 49.9  |
| 42.5° | 298.2 | 191.3 | 105.9 | 61.2  | 49.9  | 46.3  | 45.7  | 45.3  |
| 45°   | 277.8 | 155.1 | 73.5  | 47.9  | 44.7  | 43.7  | 43.7  | 43.4  |
| 47.5° | 252.2 | 118.5 | 52.4  | 42.4  | 42.1  | 42.1  | 42.1  | 42.1  |
| 50°   | 223.7 | 83.9  | 42.7  | 40.1  | 39.8  | 40.5  | 40.8  | 40.8  |
| 52.5° | 194.3 | 58.6  | 39.2  | 38.5  | 37.9  | 38.9  | 39.2  | 39.2  |
| 55°   | 162.2 | 46.0  | 37.6  | 36.9  | 35.9  | 36.3  | 36.9  | 36.9  |
| 57.5° | 129.2 | 40.8  | 36.9  | 35.9  | 34.0  | 34.0  | 34.6  | 34.6  |
| 60°   | 102.6 | 39.2  | 36.6  | 34.3  | 31.7  | 31.7  | 32.4  | 32.7  |
| 62.5° | 85.8  | 38.9  | 36.6  | 32.7  | 30.8  | 29.8  | 30.4  | 30.4  |
| 65°   | 71.6  | 38.9  | 35.6  | 32.7  | 29.1  | 27.8  | 28.5  | 28.5  |
| 67°   | 59.9  | 38.2  | 35.0  | 32.7  | 28.5  | 26.9  | 26.9  | 26.9  |
| 67.5° | 56.7  | 37.9  | 35.3  | 32.7  | 28.2  | 26.5  | 26.2  | 26.2  |
| 70°   | 42.4  | 34.3  | 35.3  | 33.0  | 27.5  | 24.3  | 23.6  | 23.6  |
| 72.5° | 33.0  | 31.4  | 34.3  | 34.0  | 26.9  | 22.3  | 21.0  | 20.7  |
| 75°   | 26.9  | 28.5  | 34.6  | 33.0  | 25.3  | 20.4  | 18.5  | 18.1  |
| 77.5° | 23.0  | 24.3  | 29.1  | 26.5  | 21.0  | 18.1  | 16.2  | 15.9  |
| 80°   | 18.1  | 20.7  | 20.7  | 18.1  | 15.5  | 14.6  | 13.6  | 13.6  |
| 82.5° | 14.6  | 15.9  | 13.6  | 12.3  | 11.7  | 11.3  | 10.7  | 10.7  |
| 85°   | 12.0  | 13.0  | 10.0  | 9.1   | 8.7   | 8.4   | 7.8   | 7.8   |
| 87.5° | 9.4   | 8.1   | 5.2   | 4.9   | 4.9   | 4.5   | 4.5   | 4.9   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

(END OF REPORT)