

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: P139466

Luminaire Tested: **ENC-F01-LED-E1-BL2-7050**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P139466
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33644)
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: ENC-F01-LED-E1-BL2-7050
Description: ENTRI LED LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 2
Light Source: (7) 5000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2319.4 lumens
Efficiency: N/A
Efficacy: 89.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.17' x H: 0')
IES Classification: Type II - Short - Semi-Cutoff
BUG Rating: B1 - U0 - G1

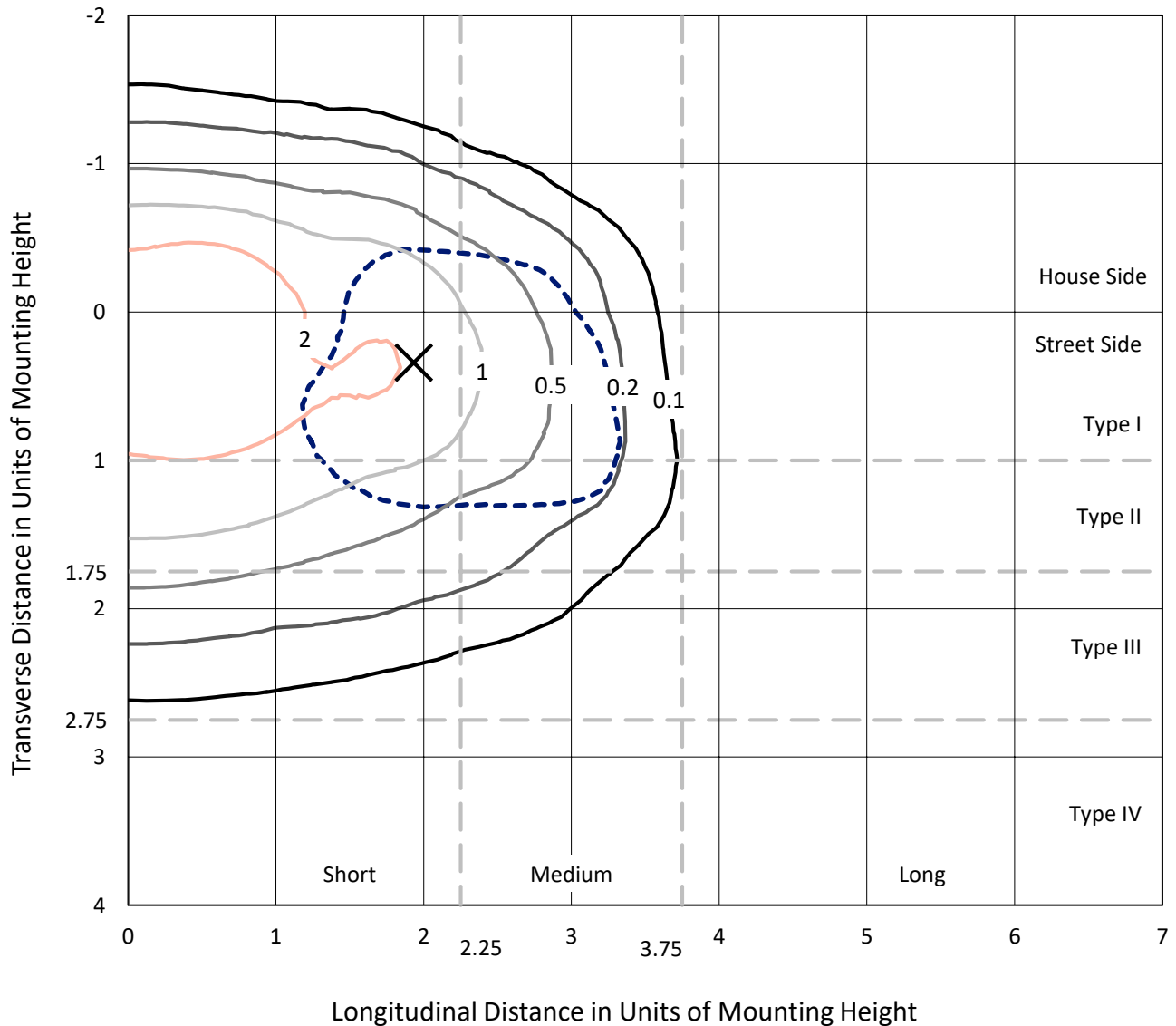
Input Watts (W): 25.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

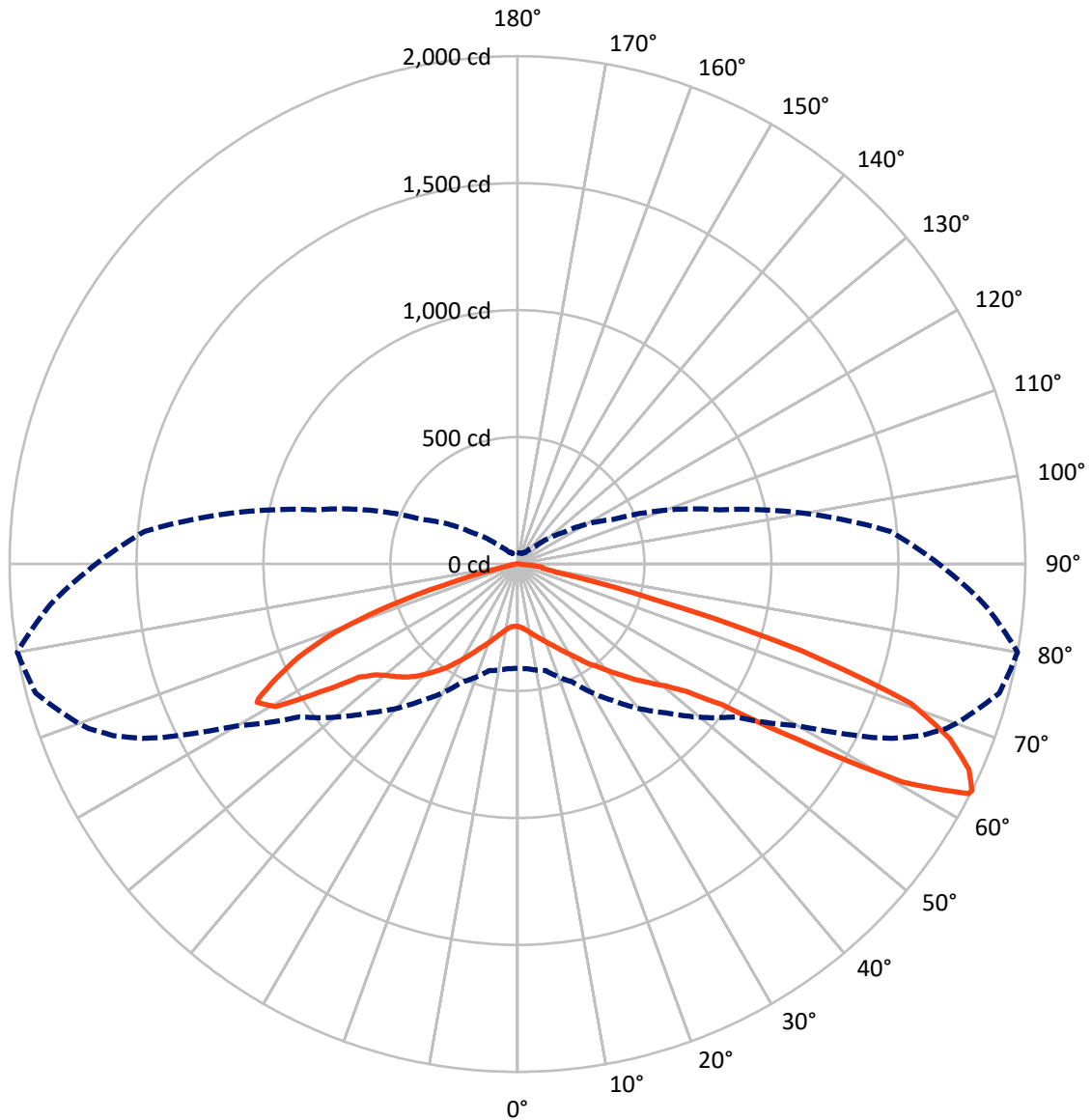
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 3 fc
 Type II - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 80-Deg Lateral - - - Horizontal Cone Through 63-Deg Vertical

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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 722.3 | 0.0 | 722.3 |
| | % Fixture | 31.1 | 0.0 | 31.1 |
| Street Side | Lumens | 1597.0 | 0.0 | 1597.0 |
| | % Fixture | 68.9 | 0.0 | 68.9 |
| Total | Lumens | 2319.4 | 0.0 | 2319.4 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 24.6 | 1.1 |
| 10°-20° | 84.4 | 3.6 |
| 20°-30° | 158.7 | 6.8 |
| 30°-40° | 251.8 | 10.9 |
| 40°-50° | 380.1 | 16.4 |
| 50°-60° | 534.3 | 23.0 |
| 60°-70° | 623.4 | 26.9 |
| 70°-80° | 241.0 | 10.4 |
| 80°-90° | 21.0 | 0.9 |
| 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° | 2319.4 | 100.0 |
| 0°-180° | 2319.4 | 100.0 |



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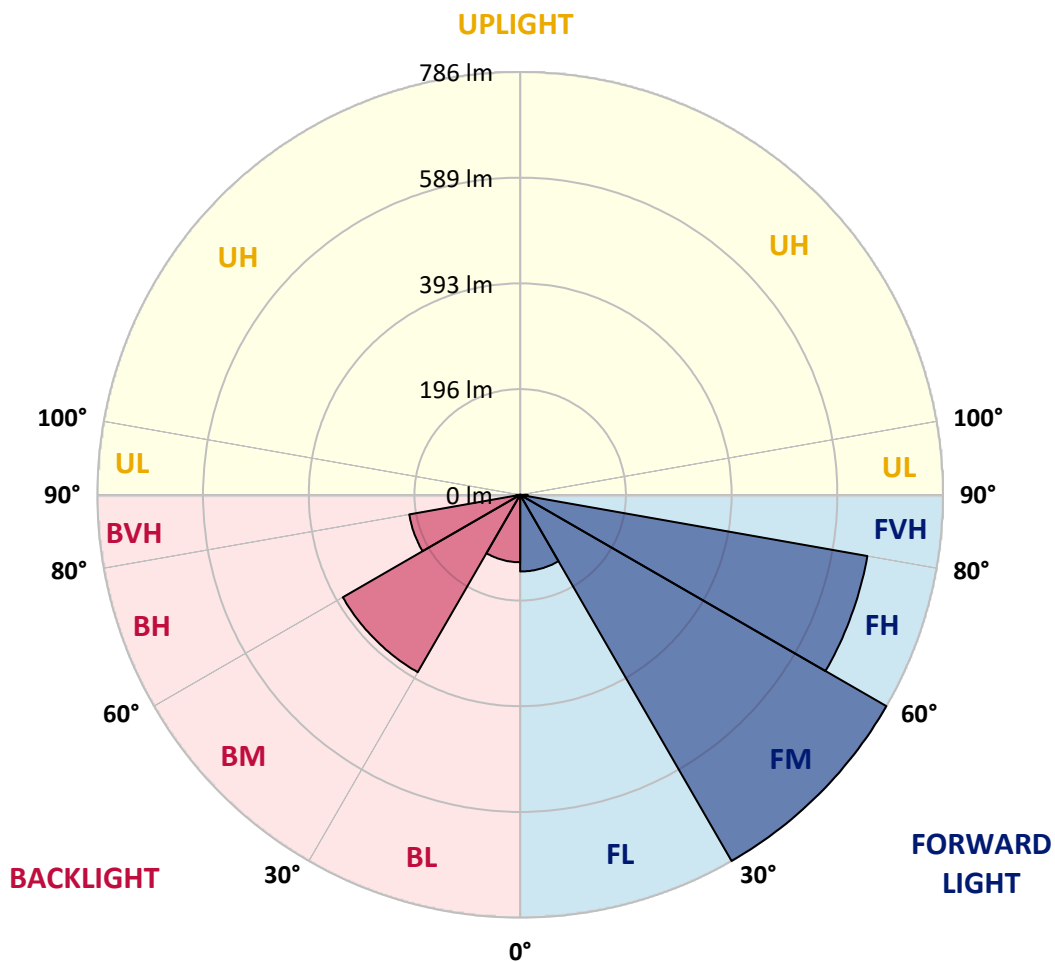
CATALOG NUMBER: ENC-F01-LED-E1-BL2-7050

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|--------|
| | | | B | U | G |
| FL (0°-30°) | 142.5 | 6.1 | | | |
| FM (30°-60°) | 785.6 | 33.9 | | | |
| FH (60°-80°) | 655.0 | 28.2 | | | G0/660 |
| FVH (80°-90°) | 14.0 | 0.6 | | | G1/100 |
| BL (0°-30°) | 125.3 | 5.4 | B1/500 | | |
| BM (30°-60°) | 380.6 | 16.4 | B1/1000 | | |
| BH (60°-80°) | 209.4 | 9.0 | B1/500 | | G1/500 |
| BVH (80°-90°) | 7.0 | 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 II Short





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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 60° | 61° | 62° | 64° |
|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| 0° | 245.7 | 245.7 | 245.7 | 245.7 | 245.7 | 245.7 | 245.7 | 245.7 | 245.7 | 245.7 | 245.7 |
| 2.5° | 257.9 | 257.1 | 257.5 | 257.1 | 257.1 | 256.2 | 253.7 | 253.7 | 253.3 | 253.7 | 252.9 |
| 5° | 271.9 | 271.5 | 271.1 | 270.2 | 270.2 | 268.5 | 264.3 | 263.4 | 263.9 | 263.0 | 261.3 |
| 7.5° | 287.6 | 287.2 | 286.3 | 284.6 | 283.8 | 281.2 | 275.3 | 274.5 | 274.0 | 273.2 | 271.9 |
| 10° | 303.3 | 302.8 | 301.6 | 299.4 | 297.3 | 293.5 | 287.6 | 285.5 | 285.0 | 284.6 | 283.3 |
| 12.5° | 319.3 | 318.1 | 318.5 | 314.7 | 311.3 | 306.6 | 299.9 | 297.7 | 297.3 | 296.9 | 296.5 |
| 15° | 337.1 | 336.7 | 335.9 | 330.8 | 324.4 | 318.1 | 311.3 | 308.8 | 307.1 | 307.5 | 307.1 |
| 17.5° | 354.1 | 353.7 | 350.7 | 343.5 | 335.0 | 327.8 | 319.3 | 317.7 | 317.7 | 317.2 | 317.2 |
| 20° | 366.4 | 365.9 | 363.0 | 354.1 | 343.1 | 335.0 | 328.2 | 328.2 | 327.8 | 328.2 | 328.7 |
| 22.5° | 371.9 | 371.9 | 368.1 | 358.3 | 346.5 | 340.5 | 338.4 | 339.7 | 340.1 | 340.5 | 341.4 |
| 25° | 374.0 | 374.0 | 370.2 | 358.7 | 347.7 | 348.6 | 351.1 | 353.2 | 354.1 | 354.1 | 357.0 |
| 27.5° | 377.8 | 378.2 | 373.1 | 360.9 | 352.0 | 360.0 | 366.4 | 369.3 | 370.6 | 371.4 | 375.3 |
| 30° | 389.2 | 388.8 | 384.6 | 371.4 | 364.7 | 376.1 | 387.5 | 390.5 | 393.5 | 393.5 | 397.7 |
| 32.5° | 406.2 | 405.7 | 403.2 | 393.0 | 390.1 | 404.5 | 414.6 | 421.0 | 420.6 | 421.4 | 424.4 |
| 35° | 428.6 | 429.0 | 430.7 | 428.2 | 430.7 | 445.1 | 456.6 | 459.1 | 459.5 | 460.0 | 460.4 |
| 37.5° | 454.0 | 454.5 | 463.8 | 471.8 | 483.3 | 504.4 | 511.2 | 512.5 | 509.5 | 509.5 | 508.7 |
| 40° | 473.1 | 475.2 | 496.0 | 517.1 | 541.3 | 570.1 | 580.2 | 577.7 | 575.6 | 573.9 | 568.8 |
| 42.5° | 512.1 | 513.3 | 535.4 | 565.8 | 599.7 | 639.5 | 657.3 | 648.9 | 648.4 | 640.8 | 637.0 |
| 45° | 551.0 | 554.4 | 578.1 | 612.4 | 653.1 | 708.2 | 734.4 | 727.2 | 725.9 | 722.6 | 712.0 |
| 47.5° | 581.9 | 586.6 | 612.9 | 653.5 | 700.1 | 763.6 | 810.7 | 815.7 | 812.8 | 809.0 | 800.5 |
| 50° | 608.2 | 612.0 | 638.7 | 683.2 | 736.5 | 806.0 | 873.3 | 891.5 | 894.1 | 892.4 | 890.3 |
| 52.5° | 625.1 | 629.0 | 655.2 | 702.6 | 757.7 | 837.3 | 919.9 | 955.9 | 963.5 | 963.1 | 972.0 |
| 55° | 625.6 | 629.8 | 656.9 | 709.0 | 769.6 | 858.9 | 963.1 | 1019.9 | 1029.2 | 1040.6 | 1059.7 |
| 57.5° | 602.3 | 606.5 | 640.4 | 700.5 | 773.0 | 875.9 | 1005.1 | 1105.0 | 1130.4 | 1152.9 | 1205.4 |
| 60° | 537.5 | 539.2 | 576.4 | 656.9 | 756.9 | 872.1 | 1036.8 | 1178.3 | 1214.3 | 1263.0 | 1347.7 |
| 62.5° | 437.9 | 441.3 | 464.2 | 542.6 | 681.9 | 838.6 | 1049.5 | 1260.0 | 1319.3 | 1390.5 | 1526.0 |
| 63° | 410.4 | 413.4 | 434.5 | 512.1 | 656.5 | 828.0 | 1049.1 | 1273.2 | 1338.4 | 1411.7 | 1557.8 |
| 65° | 316.8 | 317.7 | 333.3 | 391.8 | 538.7 | 750.9 | 1026.2 | 1254.5 | 1337.1 | 1422.7 | 1576.0 |
| 67.5° | 255.4 | 258.4 | 274.0 | 315.1 | 425.7 | 630.6 | 923.7 | 1086.8 | 1143.1 | 1227.4 | 1410.0 |
| 70° | 199.9 | 205.0 | 219.8 | 266.4 | 363.0 | 507.8 | 777.2 | 907.2 | 941.9 | 982.2 | 1137.2 |
| 72.5° | 132.1 | 133.4 | 136.0 | 161.8 | 253.3 | 395.2 | 646.7 | 735.3 | 748.8 | 777.6 | 853.4 |
| 75° | 62.3 | 66.9 | 70.7 | 83.9 | 122.4 | 258.8 | 468.9 | 522.2 | 538.3 | 568.4 | 595.9 |
| 77.5° | 27.1 | 26.7 | 28.4 | 38.5 | 64.4 | 115.2 | 291.8 | 385.8 | 391.3 | 384.6 | 372.7 |
| 80° | 8.5 | 8.9 | 9.3 | 10.2 | 20.3 | 55.1 | 126.2 | 259.2 | 286.3 | 304.5 | 299.4 |
| 82.5° | 0.8 | 0.4 | 1.3 | 2.5 | 4.2 | 8.0 | 47.4 | 121.6 | 152.9 | 187.6 | 232.1 |
| 85° | 0.0 | 0.0 | 0.4 | 0.4 | 0.8 | 1.7 | 3.0 | 12.7 | 21.2 | 24.6 | 48.7 |
| 87.5° | 0.0 | 0.0 | 0.4 | 0.4 | 0.8 | 1.3 | 1.3 | 1.7 | 1.7 | 1.7 | 1.7 |
| 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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CATALOG NUMBER: ENC-F01-LED-E1-BL2-7050

CANDELA DISTRIBUTION (continued):

| | 65° | 66° | 67° | 68° | 69° | 70° | 75° | 80° | 85° | 90° | 95° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 245.7 | 245.7 | 245.7 | 245.7 | 245.7 | 245.7 | 245.7 | 245.7 | 245.7 | 245.7 | 245.7 |
| 2.5° | 252.4 | 252.4 | 251.6 | 252.0 | 251.6 | 251.6 | 250.7 | 249.9 | 249.5 | 247.3 | 246.1 |
| 5° | 261.3 | 261.3 | 260.9 | 260.1 | 260.1 | 259.6 | 257.5 | 255.4 | 254.1 | 251.6 | 249.0 |
| 7.5° | 271.5 | 271.1 | 270.2 | 269.4 | 269.4 | 268.9 | 266.0 | 263.9 | 261.3 | 257.5 | 254.5 |
| 10° | 283.3 | 282.9 | 282.1 | 280.8 | 280.8 | 280.4 | 277.4 | 274.0 | 271.9 | 267.3 | 263.4 |
| 12.5° | 296.1 | 294.8 | 294.4 | 293.5 | 292.7 | 292.7 | 290.1 | 286.7 | 285.0 | 280.0 | 276.1 |
| 15° | 306.6 | 305.8 | 305.4 | 304.9 | 304.5 | 303.7 | 301.6 | 298.6 | 297.3 | 293.1 | 290.1 |
| 17.5° | 316.8 | 316.8 | 317.2 | 316.4 | 316.0 | 315.1 | 313.8 | 313.0 | 311.7 | 307.9 | 306.2 |
| 20° | 328.7 | 328.7 | 329.5 | 329.1 | 328.7 | 329.9 | 329.5 | 329.1 | 329.1 | 325.7 | 324.4 |
| 22.5° | 342.6 | 342.2 | 343.5 | 343.1 | 343.5 | 344.8 | 346.5 | 345.6 | 347.3 | 345.2 | 344.3 |
| 25° | 358.7 | 358.3 | 359.6 | 360.4 | 361.3 | 362.1 | 365.5 | 366.4 | 368.5 | 368.1 | 366.4 |
| 27.5° | 376.9 | 377.4 | 377.8 | 379.9 | 381.2 | 382.0 | 386.7 | 389.2 | 393.5 | 391.8 | 393.5 |
| 30° | 398.1 | 400.2 | 401.9 | 404.1 | 404.5 | 405.3 | 412.9 | 415.5 | 417.6 | 418.9 | 421.4 |
| 32.5° | 427.3 | 428.6 | 429.0 | 431.6 | 432.4 | 433.7 | 441.7 | 445.1 | 448.1 | 448.5 | 453.2 |
| 35° | 462.9 | 463.8 | 465.0 | 466.3 | 468.0 | 467.2 | 476.5 | 481.6 | 485.4 | 485.8 | 490.9 |
| 37.5° | 509.9 | 507.0 | 508.2 | 506.6 | 504.0 | 504.0 | 507.0 | 512.1 | 516.3 | 519.7 | 524.8 |
| 40° | 566.3 | 564.2 | 563.7 | 559.9 | 555.7 | 551.9 | 550.2 | 553.1 | 556.5 | 559.5 | 565.8 |
| 42.5° | 630.6 | 628.5 | 621.3 | 618.8 | 611.6 | 607.4 | 595.9 | 597.2 | 603.1 | 604.8 | 608.6 |
| 45° | 706.0 | 698.4 | 695.9 | 680.2 | 677.2 | 671.3 | 649.7 | 648.0 | 653.1 | 653.5 | 651.0 |
| 47.5° | 792.0 | 786.5 | 780.6 | 769.6 | 758.1 | 748.4 | 715.4 | 698.0 | 703.5 | 703.1 | 690.8 |
| 50° | 885.6 | 884.8 | 875.9 | 868.7 | 858.5 | 844.5 | 785.7 | 753.9 | 758.1 | 754.3 | 731.9 |
| 52.5° | 975.0 | 972.4 | 972.0 | 966.5 | 962.7 | 958.0 | 886.5 | 831.8 | 822.1 | 814.0 | 785.2 |
| 55° | 1069.0 | 1075.4 | 1071.1 | 1080.0 | 1086.8 | 1086.0 | 1056.3 | 976.3 | 926.7 | 920.3 | 876.3 |
| 57.5° | 1225.7 | 1241.0 | 1261.3 | 1262.1 | 1280.4 | 1306.6 | 1360.0 | 1302.4 | 1178.3 | 1153.7 | 1094.8 |
| 60° | 1405.3 | 1444.7 | 1495.5 | 1520.5 | 1559.5 | 1600.1 | 1734.0 | 1742.9 | 1569.2 | 1474.3 | 1366.3 |
| 62.5° | 1585.7 | 1637.4 | 1697.5 | 1736.5 | 1784.8 | 1816.6 | 1958.0 | 1991.9 | 1833.5 | 1658.6 | 1480.7 |
| 63° | 1623.8 | 1676.8 | 1728.9 | 1767.0 | 1807.7 | 1836.9 | 1963.9 | 1999.5 | 1847.9 | 1659.0 | 1473.5 |
| 65° | 1643.8 | 1693.3 | 1734.0 | 1767.8 | 1795.0 | 1814.9 | 1915.2 | 1953.8 | 1828.8 | 1597.6 | 1392.6 |
| 67.5° | 1492.5 | 1572.2 | 1623.4 | 1664.5 | 1692.0 | 1719.6 | 1811.9 | 1836.0 | 1747.5 | 1478.1 | 1269.8 |
| 70° | 1235.5 | 1327.4 | 1408.3 | 1472.2 | 1519.7 | 1561.6 | 1658.6 | 1642.1 | 1565.8 | 1284.6 | 1077.1 |
| 72.5° | 908.9 | 989.0 | 1067.7 | 1140.2 | 1202.0 | 1255.4 | 1319.3 | 1169.8 | 1053.8 | 854.3 | 745.4 |
| 75° | 611.2 | 628.5 | 664.5 | 700.5 | 723.0 | 738.2 | 698.8 | 557.0 | 452.3 | 405.7 | 354.9 |
| 77.5° | 360.9 | 349.0 | 350.3 | 341.4 | 335.4 | 334.2 | 280.4 | 155.9 | 82.2 | 83.9 | 88.1 |
| 80° | 288.0 | 274.9 | 260.9 | 245.2 | 235.1 | 224.1 | 182.5 | 100.0 | 35.6 | 28.8 | 30.1 |
| 82.5° | 232.9 | 229.6 | 221.9 | 205.8 | 189.7 | 170.7 | 130.4 | 96.1 | 20.3 | 16.1 | 17.4 |
| 85° | 45.3 | 50.8 | 45.7 | 50.0 | 37.3 | 35.2 | 20.8 | 22.4 | 8.0 | 7.2 | 8.9 |
| 87.5° | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 3.4 |
| 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):

| | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 245.7 | 245.7 | 245.7 | 245.7 | 245.7 | 245.7 | 245.7 | 245.7 | 245.7 |
| 2.5° | 244.0 | 242.3 | 241.0 | 239.3 | 238.5 | 237.2 | 236.8 | 235.5 | 235.9 |
| 5° | 244.8 | 241.8 | 239.3 | 236.8 | 235.1 | 234.2 | 233.4 | 232.5 | 232.5 |
| 7.5° | 249.0 | 245.2 | 242.3 | 239.3 | 238.0 | 236.3 | 235.9 | 234.6 | 234.6 |
| 10° | 257.9 | 253.7 | 249.9 | 246.5 | 244.8 | 242.7 | 241.8 | 240.6 | 240.6 |
| 12.5° | 271.1 | 267.3 | 263.0 | 257.9 | 254.5 | 252.0 | 249.9 | 249.0 | 249.0 |
| 15° | 285.9 | 282.9 | 279.5 | 272.8 | 267.3 | 262.6 | 258.4 | 256.7 | 256.2 |
| 17.5° | 303.7 | 301.1 | 297.7 | 290.1 | 281.2 | 271.5 | 264.3 | 260.9 | 260.5 |
| 20° | 325.3 | 322.7 | 317.7 | 307.1 | 293.1 | 277.8 | 266.4 | 261.3 | 260.9 |
| 22.5° | 347.3 | 347.3 | 338.8 | 321.5 | 300.7 | 280.4 | 265.1 | 258.4 | 257.1 |
| 25° | 371.4 | 372.7 | 360.0 | 332.9 | 304.9 | 279.1 | 259.6 | 251.2 | 249.5 |
| 27.5° | 400.7 | 399.4 | 378.2 | 341.8 | 305.4 | 274.0 | 250.7 | 240.6 | 238.9 |
| 30° | 432.9 | 424.4 | 393.0 | 346.9 | 302.4 | 264.7 | 238.9 | 227.4 | 226.2 |
| 32.5° | 465.0 | 446.8 | 404.1 | 347.7 | 293.9 | 251.2 | 223.2 | 211.3 | 209.7 |
| 35° | 499.4 | 466.7 | 410.8 | 343.1 | 280.0 | 232.9 | 203.7 | 192.3 | 190.6 |
| 37.5° | 528.2 | 482.0 | 412.9 | 330.8 | 258.8 | 211.8 | 185.9 | 174.1 | 171.1 |
| 40° | 554.4 | 493.0 | 409.1 | 310.9 | 235.1 | 191.0 | 167.3 | 157.1 | 156.3 |
| 42.5° | 578.6 | 498.1 | 395.6 | 285.0 | 211.3 | 173.2 | 151.6 | 141.9 | 141.0 |
| 45° | 597.2 | 494.7 | 372.7 | 256.7 | 191.9 | 158.0 | 137.6 | 128.8 | 127.1 |
| 47.5° | 609.0 | 482.4 | 341.4 | 232.9 | 175.8 | 142.3 | 122.4 | 113.1 | 111.4 |
| 50° | 618.4 | 464.2 | 309.6 | 214.7 | 160.1 | 126.2 | 106.7 | 98.3 | 97.0 |
| 52.5° | 630.6 | 440.9 | 282.1 | 198.2 | 141.9 | 108.0 | 90.6 | 82.6 | 81.3 |
| 55° | 657.8 | 421.0 | 262.6 | 180.0 | 122.4 | 88.9 | 74.5 | 69.5 | 67.8 |
| 57.5° | 749.7 | 427.8 | 250.3 | 158.0 | 100.0 | 71.6 | 61.8 | 58.9 | 58.4 |
| 60° | 846.2 | 456.6 | 244.4 | 132.6 | 77.5 | 58.0 | 52.5 | 51.7 | 51.2 |
| 62.5° | 841.1 | 430.7 | 219.8 | 104.2 | 59.7 | 47.9 | 45.3 | 45.7 | 45.7 |
| 63° | 824.2 | 415.1 | 211.8 | 97.8 | 56.8 | 46.6 | 44.0 | 44.0 | 44.0 |
| 65° | 721.7 | 352.0 | 172.0 | 74.1 | 47.4 | 41.5 | 39.4 | 39.8 | 40.2 |
| 67.5° | 595.9 | 254.1 | 113.1 | 51.7 | 42.8 | 37.7 | 35.2 | 34.3 | 34.3 |
| 70° | 455.7 | 171.1 | 66.9 | 44.9 | 42.4 | 35.2 | 30.9 | 30.1 | 30.1 |
| 72.5° | 299.0 | 104.6 | 45.3 | 44.9 | 41.9 | 33.5 | 28.8 | 27.1 | 27.1 |
| 75° | 137.2 | 51.7 | 37.7 | 43.2 | 39.8 | 30.9 | 25.4 | 23.3 | 22.9 |
| 77.5° | 53.4 | 32.6 | 33.9 | 36.4 | 30.9 | 25.4 | 22.9 | 21.2 | 20.8 |
| 80° | 30.9 | 26.3 | 29.6 | 26.3 | 22.4 | 19.5 | 19.5 | 18.2 | 17.8 |
| 82.5° | 22.4 | 22.4 | 22.9 | 19.1 | 16.9 | 16.1 | 16.1 | 14.8 | 14.4 |
| 85° | 16.1 | 16.5 | 19.1 | 15.2 | 13.1 | 11.4 | 10.6 | 10.6 | 10.2 |
| 87.5° | 8.0 | 13.1 | 10.6 | 6.4 | 5.9 | 5.5 | 5.5 | 5.5 | 5.1 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)