

Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1344458

Luminaire Tested: P3A13R259040DE010 E3CA451MB

Issue Date: 2/13/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1344458  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-75)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/13/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A13R259040DE010 E3CA451MB  
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 90CRI , E3CA451MB TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

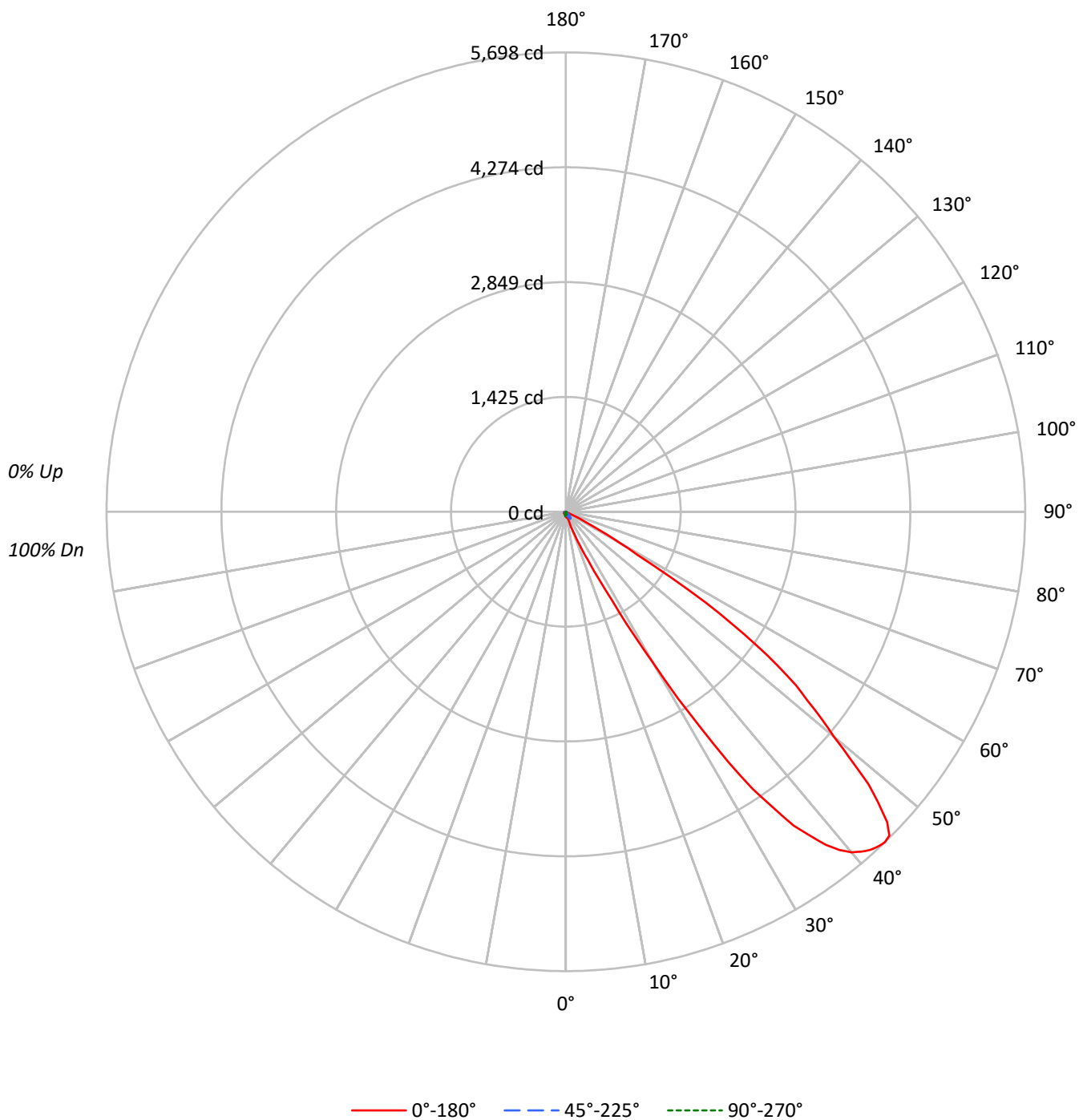
Lumens per Lamp: N/A  
Luminaire Lumens: 1188.0 lumens  
Efficiency: N/A  
Efficacy: 81.4 lumens/watt  
Spacing Criteria (0/90/45): 3.65 / 0.61 / 1.37  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 14.6  
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

TEST NUMBER: P1344458

CATALOG NUMBER: P3A13R259040DE010 E3CA451MB

### Luminous Intensity Polar Plot



TEST NUMBER: P1344458

CATALOG NUMBER: P3A13R259040DE010 E3CA451MB

**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|
| RF  | 20  |     |     |     | 20  |     |     |     |     | 20  |     |     |     |     | 20  |     |     |     |    | 20 |
| RC  | 80  |     |     |     | 70  |     |     |     |     | 50  |     |     |     |     | 30  |     |     |     |    | 10 |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30 | 10 |
| RCR |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |    |    |
| 1   | 110 | 106 | 102 | 99  | 108 | 104 | 101 | 97  | 100 | 97  | 94  | 96  | 94  | 92  | 92  | 91  | 89  | 87  |    |    |
| 2   | 101 | 93  | 87  | 82  | 98  | 91  | 86  | 81  | 88  | 83  | 79  | 85  | 81  | 77  | 82  | 78  | 75  | 73  |    |    |
| 3   | 92  | 81  | 74  | 67  | 89  | 80  | 73  | 67  | 77  | 71  | 66  | 74  | 69  | 64  | 72  | 67  | 63  | 61  |    |    |
| 4   | 83  | 71  | 62  | 56  | 81  | 70  | 62  | 55  | 67  | 60  | 55  | 65  | 59  | 54  | 63  | 58  | 53  | 51  |    |    |
| 5   | 75  | 62  | 53  | 46  | 73  | 61  | 53  | 46  | 59  | 51  | 46  | 57  | 50  | 45  | 55  | 49  | 45  | 42  |    |    |
| 6   | 68  | 55  | 45  | 39  | 66  | 54  | 45  | 39  | 52  | 44  | 38  | 50  | 43  | 38  | 48  | 42  | 37  | 35  |    |    |
| 7   | 62  | 48  | 39  | 32  | 60  | 47  | 39  | 32  | 46  | 38  | 32  | 44  | 37  | 32  | 43  | 36  | 32  | 29  |    |    |
| 8   | 57  | 43  | 34  | 27  | 55  | 42  | 33  | 27  | 40  | 33  | 27  | 39  | 32  | 27  | 38  | 32  | 27  | 25  |    |    |
| 9   | 52  | 38  | 29  | 23  | 51  | 37  | 29  | 23  | 36  | 28  | 23  | 35  | 28  | 23  | 34  | 27  | 23  | 21  |    |    |
| 10  | 48  | 34  | 25  | 20  | 47  | 33  | 25  | 20  | 32  | 25  | 20  | 31  | 24  | 19  | 30  | 24  | 19  | 17  |    |    |

**AVERAGE LUMINANCE (cd/sqm):**

|     | 0°      | 45°   | 90°   | 135°  | 180°  |
|-----|---------|-------|-------|-------|-------|
| 0°  | 13288   | 13288 | 13288 | 13288 | 13288 |
| 5°  | 15188   | 14506 | 12877 | 11512 | 11270 |
| 10° | 15141   | 13738 | 10933 | 9552  | 9552  |
| 15° | 16845   | 11873 | 8536  | 8059  | 8536  |
| 20° | 59529   | 11714 | 6581  | 6837  | 7561  |
| 25° | 171228  | 14928 | 5323  | 6315  | 7331  |
| 30° | 546337  | 23042 | 4228  | 6077  | 7419  |
| 35° | 1196638 | 27144 | 3641  | 5889  | 7549  |
| 40° | 1578529 | 24532 | 3006  | 5983  | 8072  |
| 45° | 1760369 | 17180 | 2915  | 6481  | 8745  |
| 50° | 1481811 | 8904  | 2866  | 6789  | 9620  |
| 55° | 1107879 | 3594  | 2791  | 7608  | 10781 |
| 60° | 342955  | 921   | 2763  | 8245  | 11929 |
| 65° | 29316   | 0     | 3269  | 8665  | 13023 |
| 70° | 1988    | 641   | 3334  | 10066 | 14746 |
| 75° | 1779    | 847   | 4406  | 10590 | 16860 |
| 80° | 1263    | 1263  | 6566  | 11870 | 19826 |
| 85° | 2516    | 2516  | 10567 | 13083 | 21134 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1760369 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 5.4    | 0.5       |
| 10°-20°   | 14.0   | 1.2       |
| 20°-30°   | 65.7   | 5.5       |
| 30°-40°   | 316.4  | 26.6      |
| 40°-50°   | 496.0  | 41.8      |
| 50°-60°   | 254.3  | 21.4      |
| 60°-70°   | 24.0   | 2.0       |
| 70°-80°   | 8.1    | 0.7       |
| 80°-90°   | 4.0    | 0.3       |
| 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°-30°    | 85.2   | 7.2       |
| 0°-40°    | 401.6  | 33.8      |
| 0°-60°    | 1151.9 | 97.0      |
| 0°-90°    | 1188.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1188.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0°  | 61   | 61  | 61  | 61   | 61   |      |
| 5°  | 69   | 66  | 58  | 52   | 51   | 7    |
| 15° | 74   | 52  | 38  | 36   | 38   | 31   |
| 25° | 708  | 62  | 22  | 26   | 30   | 439  |
| 35° | 4470 | 101 | 14  | 22   | 28   | 2714 |
| 45° | 5677 | 55  | 9   | 21   | 28   | 4154 |
| 55° | 2898 | 9   | 7   | 20   | 28   | 2413 |
| 65° | 56   | 0   | 6   | 17   | 25   | 177  |
| 75° | 2    | 1   | 5   | 12   | 20   | 2    |
| 85° | 1    | 1   | 4   | 5    | 8    | 1    |
| 90° | 0    | 0   | 0   | 0    | 0    |      |

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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 2.5°   | 5°     | 7.5°   | 10°    | 12.5°  | 15°    | 17.5°  | 20°    | 22.5°  | 45°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 0°    | 60.6   | 60.6   | 60.6   | 60.6   | 60.6   | 60.6   | 60.6   | 60.6   | 60.6   | 60.6   | 60.6  |
| 2.5°  | 65.9   | 65.9   | 65.9   | 65.9   | 65.9   | 65.9   | 64.8   | 64.8   | 65.9   | 64.8   | 64.8  |
| 5°    | 69.0   | 69.0   | 69.0   | 69.0   | 69.0   | 69.0   | 69.0   | 68.0   | 68.0   | 68.0   | 65.9  |
| 7.5°  | 70.0   | 69.0   | 69.0   | 69.0   | 69.0   | 69.0   | 69.0   | 69.0   | 68.0   | 68.0   | 64.8  |
| 10°   | 68.0   | 68.0   | 68.0   | 68.0   | 66.9   | 66.9   | 66.9   | 65.9   | 65.9   | 65.9   | 61.7  |
| 12.5° | 68.0   | 68.0   | 68.0   | 68.0   | 66.9   | 66.9   | 65.9   | 65.9   | 64.8   | 63.8   | 56.5  |
| 15°   | 74.2   | 74.2   | 74.2   | 73.2   | 72.1   | 71.1   | 70.0   | 69.0   | 68.0   | 65.9   | 52.3  |
| 17.5° | 108.7  | 105.6  | 104.5  | 100.4  | 95.1   | 89.9   | 85.7   | 81.5   | 77.4   | 74.2   | 50.2  |
| 20°   | 255.1  | 254.0  | 248.8  | 236.3  | 222.7  | 207.0  | 191.3  | 173.5  | 148.4  | 131.7  | 50.2  |
| 22.5° | 442.2  | 435.9  | 426.5  | 417.1  | 393.1  | 364.8  | 335.6  | 302.1  | 269.7  | 235.2  | 53.3  |
| 25°   | 707.7  | 722.4  | 691.0  | 665.9  | 624.1  | 572.9  | 517.5  | 471.5  | 412.9  | 358.6  | 61.7  |
| 27.5° | 1230.4 | 1239.9 | 1178.2 | 1096.6 | 999.4  | 891.7  | 787.2  | 708.8  | 610.5  | 520.6  | 77.4  |
| 30°   | 2157.7 | 2167.1 | 2063.6 | 1890.1 | 1689.4 | 1512.7 | 1273.3 | 1063.2 | 869.8  | 720.3  | 91.0  |
| 31°   | 2693.0 | 2619.8 | 2499.6 | 2331.3 | 2077.2 | 1810.7 | 1523.2 | 1269.1 | 1024.5 | 828.0  | 95.1  |
| 32°   | 3158.2 | 3151.9 | 3011.8 | 2756.8 | 2501.7 | 2172.4 | 1815.9 | 1484.5 | 1184.5 | 936.7  | 98.3  |
| 33°   | 3707.0 | 3665.2 | 3467.6 | 3227.2 | 2889.5 | 2558.1 | 2098.1 | 1719.7 | 1348.6 | 1058.0 | 100.4 |
| 34°   | 4147.1 | 4034.2 | 3952.7 | 3677.8 | 3321.3 | 2898.9 | 2406.5 | 1968.5 | 1553.5 | 1175.0 | 101.4 |
| 35°   | 4470.2 | 4446.1 | 4287.2 | 4031.1 | 3668.4 | 3236.6 | 2739.0 | 2226.7 | 1724.9 | 1310.9 | 101.4 |
| 36°   | 4812.0 | 4737.8 | 4583.1 | 4351.0 | 3997.7 | 3551.3 | 2993.0 | 2450.4 | 1924.6 | 1433.3 | 100.4 |
| 37°   | 5026.3 | 4982.4 | 4828.8 | 4589.4 | 4243.3 | 3816.8 | 3277.4 | 2686.7 | 2083.5 | 1555.6 | 98.3  |
| 38°   | 5246.9 | 5158.1 | 5006.5 | 4777.5 | 4437.8 | 4037.4 | 3483.3 | 2868.6 | 2229.9 | 1663.3 | 95.1  |
| 39°   | 5399.6 | 5307.6 | 5152.8 | 4924.9 | 4592.5 | 4195.2 | 3646.4 | 3023.3 | 2357.4 | 1743.7 | 91.0  |
| 40°   | 5514.5 | 5425.7 | 5268.9 | 5034.7 | 4706.4 | 4319.6 | 3782.3 | 3160.3 | 2464.0 | 1813.8 | 85.7  |
| 41°   | 5585.6 | 5503.0 | 5347.3 | 5114.2 | 4784.9 | 4390.7 | 3871.2 | 3249.1 | 2536.2 | 1860.8 | 80.5  |
| 42°   | 5645.2 | 5560.5 | 5401.6 | 5163.3 | 4832.9 | 4451.4 | 3925.5 | 3305.6 | 2585.3 | 1884.9 | 76.3  |
| 43°   | 5678.7 | 5594.0 | 5439.3 | 5195.7 | 4862.2 | 4479.6 | 3954.8 | 3331.7 | 2602.0 | 1881.7 | 69.0  |
| 44°   | 5697.5 | 5609.7 | 5453.9 | 5210.3 | 4874.8 | 4486.9 | 3956.9 | 3326.5 | 2590.5 | 1856.7 | 62.7  |
| 45°   | 5676.6 | 5589.8 | 5439.3 | 5195.7 | 4852.8 | 4463.9 | 3936.0 | 3298.3 | 2546.6 | 1807.5 | 55.4  |
| 46°   | 5540.7 | 5473.8 | 5335.8 | 5112.1 | 4783.8 | 4405.4 | 3882.7 | 3243.9 | 2478.7 | 1746.9 | 47.0  |
| 47°   | 5301.3 | 5248.0 | 5114.2 | 4947.9 | 4651.0 | 4297.7 | 3784.4 | 3140.4 | 2383.5 | 1655.9 | 37.6  |
| 48°   | 5051.4 | 4973.0 | 4848.6 | 4678.2 | 4427.3 | 4104.3 | 3622.4 | 2988.8 | 2239.3 | 1536.8 | 33.5  |
| 49°   | 4682.4 | 4636.4 | 4526.6 | 4336.4 | 4128.3 | 3844.0 | 3393.4 | 2794.4 | 2062.6 | 1407.1 | 29.3  |
| 50°   | 4343.7 | 4312.3 | 4158.6 | 4018.6 | 3798.0 | 3532.4 | 3082.9 | 2538.3 | 1843.1 | 1246.1 | 26.1  |
| 51°   | 4079.2 | 4041.6 | 3930.7 | 3756.2 | 3520.9 | 3212.6 | 2789.2 | 2205.8 | 1591.1 | 1054.8 | 20.9  |
| 52°   | 3803.2 | 3782.3 | 3684.0 | 3504.2 | 3273.2 | 2965.8 | 2503.8 | 1923.6 | 1346.5 | 891.7  | 16.7  |
| 53°   | 3577.4 | 3547.1 | 3426.9 | 3266.9 | 3017.1 | 2699.3 | 2194.3 | 1661.2 | 1140.5 | 749.6  | 14.6  |
| 54°   | 3248.1 | 3235.6 | 3158.2 | 2990.9 | 2720.2 | 2374.1 | 1914.1 | 1398.8 | 951.3  | 635.6  | 12.5  |
| 55°   | 2897.9 | 2856.1 | 2777.7 | 2644.9 | 2396.1 | 2073.1 | 1590.1 | 1159.4 | 769.4  | 535.3  | 9.4   |
| 56°   | 2471.4 | 2469.3 | 2329.2 | 2218.4 | 1997.8 | 1654.9 | 1270.2 | 905.3  | 625.2  | 446.4  | 8.4   |
| 57°   | 2063.6 | 1997.8 | 1862.9 | 1753.2 | 1515.8 | 1255.5 | 943.0  | 678.5  | 489.3  | 361.7  | 6.3   |
| 58°   | 1526.3 | 1491.8 | 1456.3 | 1295.3 | 1075.7 | 889.6  | 673.2  | 476.7  | 361.7  | 276.0  | 4.2   |
| 59°   | 1036.0 | 1035.0 | 993.1  | 870.8  | 744.3  | 554.1  | 420.3  | 324.1  | 248.8  | 202.8  | 3.1   |
| 60°   | 782.0  | 763.2  | 679.5  | 599.0  | 468.3  | 350.2  | 248.8  | 191.3  | 154.7  | 130.7  | 2.1   |
| 62.5° | 273.9  | 284.4  | 249.9  | 207.0  | 157.9  | 129.6  | 99.3   | 80.5   | 65.9   | 53.3   | 0.0   |
| 65°   | 56.5   | 61.7   | 53.3   | 50.2   | 39.7   | 34.5   | 30.3   | 26.1   | 22.0   | 18.8   | 0.0   |



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**CANDELA DISTRIBUTION (continued):**

|       | 0°  | 2.5° | 5°  | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° | 45° |
|-------|-----|------|-----|------|-----|-------|-----|-------|-----|-------|-----|
| 67.5° | 7.3 | 6.3  | 6.3 | 6.3  | 5.2 | 5.2   | 5.2 | 5.2   | 4.2 | 4.2   | 1.0 |
| 70°   | 3.1 | 3.1  | 3.1 | 3.1  | 3.1 | 3.1   | 2.1 | 2.1   | 2.1 | 2.1   | 1.0 |
| 72.5° | 3.1 | 3.1  | 3.1 | 2.1  | 2.1 | 2.1   | 2.1 | 2.1   | 2.1 | 1.0   | 1.0 |
| 75°   | 2.1 | 2.1  | 2.1 | 2.1  | 2.1 | 2.1   | 2.1 | 1.0   | 1.0 | 1.0   | 1.0 |
| 77.5° | 2.1 | 2.1  | 2.1 | 2.1  | 2.1 | 2.1   | 1.0 | 1.0   | 1.0 | 1.0   | 1.0 |
| 80°   | 1.0 | 1.0  | 1.0 | 1.0  | 1.0 | 1.0   | 1.0 | 1.0   | 1.0 | 1.0   | 1.0 |
| 82.5° | 1.0 | 1.0  | 1.0 | 1.0  | 1.0 | 1.0   | 1.0 | 1.0   | 1.0 | 1.0   | 2.1 |
| 85°   | 1.0 | 1.0  | 1.0 | 0.0  | 0.0 | 1.0   | 1.0 | 1.0   | 1.0 | 1.0   | 1.0 |
| 87.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 1.0 |
| 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):**

|       | 67.5° | 90°  | 112.5° | 135° | 157.5° | 180° |
|-------|-------|------|--------|------|--------|------|
| 0°    | 60.6  | 60.6 | 60.6   | 60.6 | 60.6   | 60.6 |
| 2.5°  | 63.8  | 61.7 | 58.5   | 57.5 | 56.5   | 56.5 |
| 5°    | 62.7  | 58.5 | 55.4   | 52.3 | 51.2   | 51.2 |
| 7.5°  | 59.6  | 54.4 | 50.2   | 48.1 | 47.0   | 46.0 |
| 10°   | 56.5  | 49.1 | 45.0   | 42.9 | 42.9   | 42.9 |
| 12.5° | 50.2  | 43.9 | 39.7   | 38.7 | 39.7   | 39.7 |
| 15°   | 45.0  | 37.6 | 35.5   | 35.5 | 36.6   | 37.6 |
| 17.5° | 38.7  | 33.5 | 31.4   | 32.4 | 33.5   | 34.5 |
| 20°   | 34.5  | 28.2 | 28.2   | 29.3 | 32.4   | 32.4 |
| 22.5° | 30.3  | 25.1 | 25.1   | 28.2 | 30.3   | 31.4 |
| 25°   | 27.2  | 22.0 | 23.0   | 26.1 | 29.3   | 30.3 |
| 27.5° | 23.0  | 18.8 | 20.9   | 25.1 | 28.2   | 29.3 |
| 30°   | 19.9  | 16.7 | 19.9   | 24.0 | 27.2   | 29.3 |
| 31°   | 18.8  | 15.7 | 19.9   | 23.0 | 27.2   | 29.3 |
| 32°   | 16.7  | 15.7 | 18.8   | 23.0 | 27.2   | 28.2 |
| 33°   | 15.7  | 14.6 | 18.8   | 23.0 | 27.2   | 28.2 |
| 34°   | 14.6  | 13.6 | 17.8   | 23.0 | 27.2   | 28.2 |
| 35°   | 12.5  | 13.6 | 17.8   | 22.0 | 26.1   | 28.2 |
| 36°   | 11.5  | 12.5 | 17.8   | 22.0 | 26.1   | 28.2 |
| 37°   | 10.5  | 12.5 | 16.7   | 22.0 | 26.1   | 28.2 |
| 38°   | 9.4   | 11.5 | 16.7   | 22.0 | 26.1   | 28.2 |
| 39°   | 8.4   | 11.5 | 15.7   | 22.0 | 26.1   | 28.2 |
| 40°   | 7.3   | 10.5 | 15.7   | 20.9 | 26.1   | 28.2 |
| 41°   | 7.3   | 10.5 | 15.7   | 20.9 | 26.1   | 28.2 |
| 42°   | 6.3   | 10.5 | 15.7   | 20.9 | 26.1   | 28.2 |
| 43°   | 5.2   | 9.4  | 15.7   | 20.9 | 26.1   | 28.2 |
| 44°   | 4.2   | 9.4  | 14.6   | 20.9 | 26.1   | 28.2 |
| 45°   | 4.2   | 9.4  | 14.6   | 20.9 | 26.1   | 28.2 |
| 46°   | 3.1   | 8.4  | 14.6   | 20.9 | 26.1   | 28.2 |
| 47°   | 2.1   | 8.4  | 14.6   | 19.9 | 26.1   | 28.2 |
| 48°   | 2.1   | 8.4  | 14.6   | 19.9 | 26.1   | 28.2 |
| 49°   | 2.1   | 8.4  | 13.6   | 19.9 | 26.1   | 28.2 |
| 50°   | 2.1   | 8.4  | 13.6   | 19.9 | 26.1   | 28.2 |
| 51°   | 1.0   | 7.3  | 13.6   | 19.9 | 26.1   | 28.2 |
| 52°   | 1.0   | 7.3  | 13.6   | 19.9 | 26.1   | 29.3 |
| 53°   | 1.0   | 7.3  | 13.6   | 19.9 | 26.1   | 28.2 |
| 54°   | 1.0   | 7.3  | 12.5   | 19.9 | 26.1   | 28.2 |
| 55°   | 1.0   | 7.3  | 12.5   | 19.9 | 26.1   | 28.2 |
| 56°   | 1.0   | 6.3  | 12.5   | 18.8 | 26.1   | 28.2 |
| 57°   | 2.1   | 6.3  | 12.5   | 18.8 | 26.1   | 27.2 |
| 58°   | 2.1   | 6.3  | 12.5   | 18.8 | 25.1   | 27.2 |
| 59°   | 2.1   | 6.3  | 12.5   | 18.8 | 25.1   | 27.2 |
| 60°   | 2.1   | 6.3  | 11.5   | 18.8 | 25.1   | 27.2 |
| 62.5° | 2.1   | 6.3  | 11.5   | 17.8 | 24.0   | 26.1 |
| 65°   | 2.1   | 6.3  | 10.5   | 16.7 | 24.0   | 25.1 |



TEST NUMBER: P1344458

CATALOG NUMBER: P3A13R259040DE010 E3CA451MB

**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|--------|------|--------|------|
| 67.5° | 2.1   | 5.2 | 10.5   | 15.7 | 23.0   | 24.0 |
| 70°   | 3.1   | 5.2 | 9.4    | 15.7 | 22.0   | 23.0 |
| 72.5° | 3.1   | 5.2 | 9.4    | 13.6 | 19.9   | 22.0 |
| 75°   | 3.1   | 5.2 | 8.4    | 12.5 | 18.8   | 19.9 |
| 77.5° | 3.1   | 5.2 | 7.3    | 11.5 | 16.7   | 17.8 |
| 80°   | 4.2   | 5.2 | 6.3    | 9.4  | 14.6   | 15.7 |
| 82.5° | 4.2   | 5.2 | 5.2    | 7.3  | 11.5   | 12.5 |
| 85°   | 3.1   | 4.2 | 4.2    | 5.2  | 7.3    | 8.4  |
| 87.5° | 3.1   | 4.2 | 3.1    | 2.1  | 4.2    | 4.2  |
| 90°   | 0.0   | 0.0 | 0.0    | 0.0  | 0.0    | 0.0  |

(END OF REPORT)