

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: P1344687

Luminaire Tested: P3A13R25B2750DE010 E3CA451MB\_4000K

Issue Date: 2/13/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1344687  
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: P3A13R25B2750DE010 E3CA451MB\_4000K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 4000K CCT AND, 80CRI , E3CA451MB TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

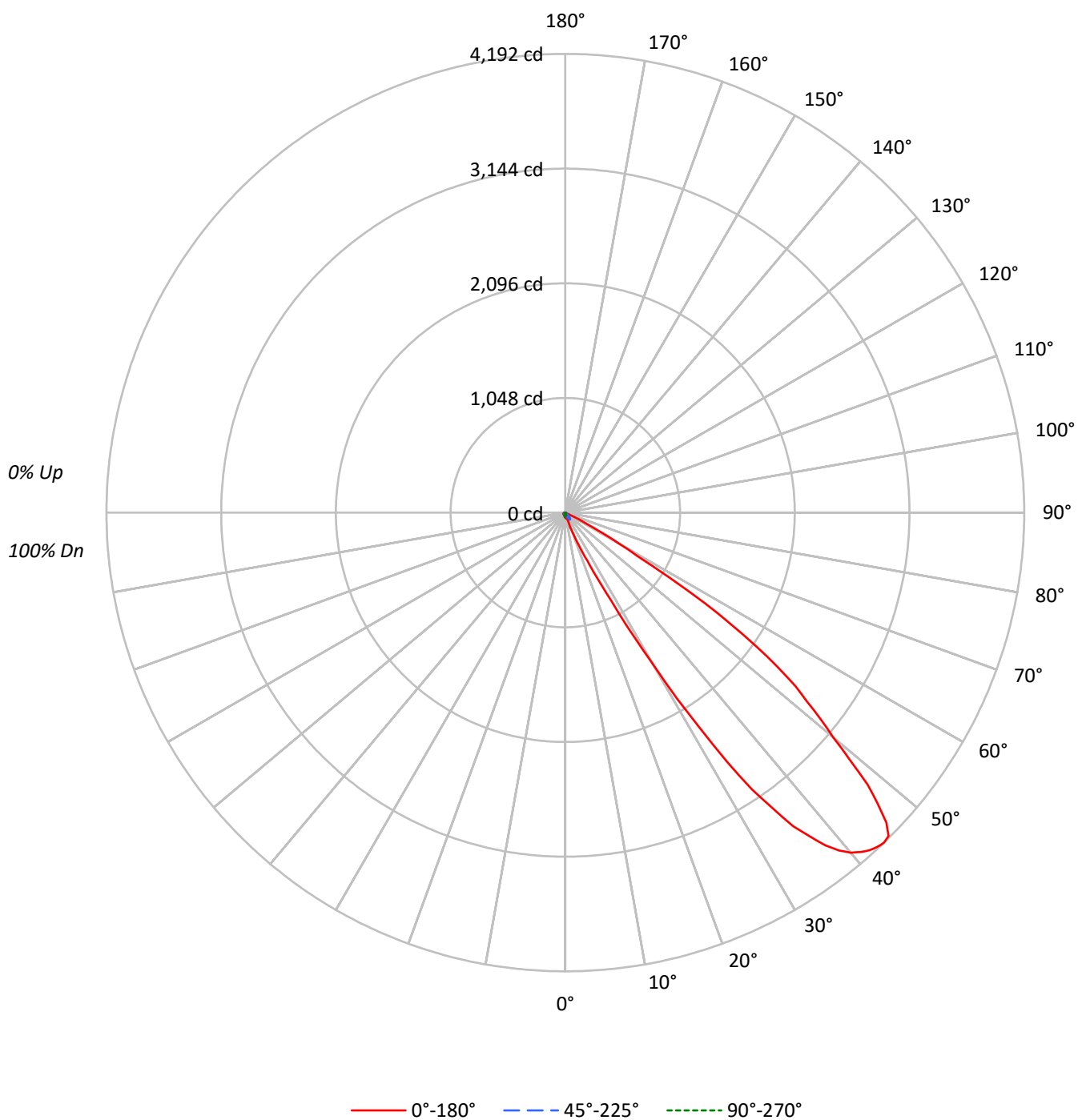
Lumens per Lamp: N/A  
Luminaire Lumens: 874.0 lumens  
Efficiency: N/A  
Efficacy: 45.8 lumens/watt  
Spacing Criteria (0/90/45): 3.65 / 0.6 / 1.37  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 19.1  
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: P1344687

CATALOG NUMBER: P3A13R25B2750DE010 E3CA451MB\_4000K

### Luminous Intensity Polar Plot



TEST NUMBER: P1344687

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

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|
| RF  | 20  |     |     |     | 20  |     |     |     | 20  |     |     |     | 20  |     |     |     | 20  |     |    |    |
| RC  | 80  |     |     |     | 70  |     |     |     | 50  |     |     |     | 30  |     |     |     | 10  |     |    | 0  |
| 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°  | 9780    | 9780  | 9780 | 9780 | 9780  |
| 5°  | 11182   | 10676 | 9487 | 8475 | 8298  |
| 10° | 11133   | 10109 | 8038 | 7014 | 7014  |
| 15° | 12395   | 8740  | 6288 | 5925 | 6288  |
| 20° | 43800   | 8611  | 4854 | 5017 | 5554  |
| 25° | 125983  | 10985 | 3920 | 4645 | 5395  |
| 30° | 401935  | 16939 | 3114 | 4482 | 5444  |
| 35° | 880360  | 19970 | 2677 | 4337 | 5568  |
| 40° | 1161319 | 18062 | 2204 | 4408 | 5954  |
| 45° | 1295080 | 12652 | 2140 | 4776 | 6450  |
| 50° | 1090148 | 6550  | 2115 | 4981 | 7096  |
| 55° | 815034  | 2638  | 2064 | 5582 | 7952  |
| 60° | 252304  | 658   | 2017 | 6052 | 8771  |
| 65° | 21533   | 0     | 2387 | 6382 | 9599  |
| 70° | 1475    | 513   | 2436 | 7373 | 10835 |
| 75° | 1271    | 678   | 3219 | 7795 | 12370 |
| 80° | 1010    | 1010  | 4799 | 8713 | 14522 |
| 85° | 2013    | 2013  | 7799 | 9561 | 15599 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1295080 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 4.0    | 0.5       |
| 10°-20°   | 10.3   | 1.2       |
| 20°-30°   | 48.4   | 5.5       |
| 30°-40°   | 232.8  | 26.6      |
| 40°-50°   | 364.9  | 41.8      |
| 50°-60°   | 187.1  | 21.4      |
| 60°-70°   | 17.6   | 2.0       |
| 70°-80°   | 5.9    | 0.7       |
| 80°-90°   | 3.0    | 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°    | 62.6   | 7.2       |
| 0°-40°    | 295.5  | 33.8      |
| 0°-60°    | 847.4  | 97.0      |
| 0°-90°    | 874.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 874.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0°  | 45   | 45  | 45  | 45   | 45   |      |
| 5°  | 51   | 48  | 43  | 38   | 38   | 5    |
| 15° | 55   | 38  | 28  | 26   | 28   | 23   |
| 25° | 521  | 45  | 16  | 19   | 22   | 323  |
| 35° | 3289 | 75  | 10  | 16   | 21   | 1996 |
| 45° | 4176 | 41  | 7   | 15   | 21   | 3056 |
| 55° | 2132 | 7   | 5   | 15   | 21   | 1775 |
| 65° | 42   | 0   | 5   | 12   | 18   | 130  |
| 75° | 2    | 1   | 4   | 9    | 15   | 2    |
| 85° | 1    | 1   | 3   | 4    | 6    | 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°    | 44.6   | 44.6   | 44.6   | 44.6   | 44.6   | 44.6   | 44.6   | 44.6   | 44.6   | 44.6   | 44.6 |
| 2.5°  | 48.5   | 48.5   | 48.5   | 48.5   | 48.5   | 48.5   | 47.7   | 47.7   | 48.5   | 47.7   | 47.7 |
| 5°    | 50.8   | 50.8   | 50.8   | 50.8   | 50.8   | 50.8   | 50.8   | 50.0   | 50.0   | 50.0   | 48.5 |
| 7.5°  | 51.5   | 50.8   | 50.8   | 50.8   | 50.8   | 50.8   | 50.8   | 50.8   | 50.0   | 50.0   | 47.7 |
| 10°   | 50.0   | 50.0   | 50.0   | 50.0   | 49.2   | 49.2   | 49.2   | 48.5   | 48.5   | 48.5   | 45.4 |
| 12.5° | 50.0   | 50.0   | 50.0   | 50.0   | 49.2   | 49.2   | 48.5   | 48.5   | 47.7   | 46.9   | 41.5 |
| 15°   | 54.6   | 54.6   | 54.6   | 53.8   | 53.1   | 52.3   | 51.5   | 50.8   | 50.0   | 48.5   | 38.5 |
| 17.5° | 80.0   | 77.7   | 76.9   | 73.8   | 70.0   | 66.1   | 63.1   | 60.0   | 56.9   | 54.6   | 36.9 |
| 20°   | 187.7  | 186.9  | 183.0  | 173.8  | 163.8  | 152.3  | 140.7  | 127.7  | 109.2  | 96.9   | 36.9 |
| 22.5° | 325.3  | 320.7  | 313.8  | 306.9  | 289.2  | 268.4  | 246.9  | 222.3  | 198.4  | 173.0  | 39.2 |
| 25°   | 520.7  | 531.4  | 508.4  | 489.9  | 459.2  | 421.5  | 380.7  | 346.9  | 303.8  | 263.8  | 45.4 |
| 27.5° | 905.2  | 912.2  | 866.8  | 806.8  | 735.3  | 656.0  | 579.1  | 521.4  | 449.2  | 383.0  | 56.9 |
| 30°   | 1587.4 | 1594.3 | 1518.2 | 1390.5 | 1242.9 | 1112.9 | 936.8  | 782.2  | 639.9  | 529.9  | 66.9 |
| 31°   | 1981.2 | 1927.4 | 1838.9 | 1715.1 | 1528.2 | 1332.1 | 1120.6 | 933.7  | 753.7  | 609.1  | 70.0 |
| 32°   | 2323.4 | 2318.8 | 2215.8 | 2028.1 | 1840.5 | 1598.2 | 1335.9 | 1092.1 | 871.4  | 689.1  | 72.3 |
| 33°   | 2727.2 | 2696.5 | 2551.1 | 2374.2 | 2125.8 | 1882.0 | 1543.6 | 1265.2 | 992.1  | 778.3  | 73.8 |
| 34°   | 3051.0 | 2968.0 | 2908.0 | 2705.7 | 2443.4 | 2132.7 | 1770.5 | 1448.2 | 1142.9 | 864.5  | 74.6 |
| 35°   | 3288.7 | 3271.0 | 3154.1 | 2965.6 | 2698.8 | 2381.1 | 2015.0 | 1638.2 | 1269.0 | 964.5  | 74.6 |
| 36°   | 3540.2 | 3485.6 | 3371.7 | 3201.0 | 2941.0 | 2612.6 | 2201.9 | 1802.8 | 1415.9 | 1054.4 | 73.8 |
| 37°   | 3697.8 | 3665.5 | 3552.5 | 3376.3 | 3121.8 | 2808.0 | 2411.1 | 1976.6 | 1532.8 | 1144.4 | 72.3 |
| 38°   | 3860.1 | 3794.7 | 3683.2 | 3514.8 | 3264.8 | 2970.3 | 2562.6 | 2110.4 | 1640.5 | 1223.6 | 70.0 |
| 39°   | 3972.4 | 3904.7 | 3790.9 | 3623.2 | 3378.7 | 3086.4 | 2682.6 | 2224.2 | 1734.3 | 1282.9 | 66.9 |
| 40°   | 4057.0 | 3991.6 | 3876.3 | 3704.0 | 3462.5 | 3177.9 | 2782.6 | 2325.0 | 1812.8 | 1334.4 | 63.1 |
| 41°   | 4109.3 | 4048.5 | 3933.9 | 3762.4 | 3520.2 | 3230.2 | 2848.0 | 2390.4 | 1865.8 | 1369.0 | 59.2 |
| 42°   | 4153.1 | 4090.8 | 3973.9 | 3798.6 | 3555.5 | 3274.8 | 2888.0 | 2431.9 | 1902.0 | 1386.7 | 56.1 |
| 43°   | 4177.7 | 4115.5 | 4001.6 | 3822.4 | 3577.1 | 3295.6 | 2909.5 | 2451.1 | 1914.3 | 1384.4 | 50.8 |
| 44°   | 4191.6 | 4127.0 | 4012.4 | 3833.2 | 3586.3 | 3301.0 | 2911.0 | 2447.3 | 1905.8 | 1365.9 | 46.1 |
| 45°   | 4176.2 | 4112.4 | 4001.6 | 3822.4 | 3570.2 | 3284.1 | 2895.7 | 2426.5 | 1873.5 | 1329.8 | 40.8 |
| 46°   | 4076.2 | 4027.0 | 3925.5 | 3760.9 | 3519.4 | 3241.0 | 2856.4 | 2386.5 | 1823.5 | 1285.2 | 34.6 |
| 47°   | 3900.1 | 3860.9 | 3762.4 | 3640.1 | 3421.7 | 3161.8 | 2784.1 | 2310.4 | 1753.5 | 1218.3 | 27.7 |
| 48°   | 3716.3 | 3658.6 | 3567.1 | 3441.7 | 3257.1 | 3019.5 | 2664.9 | 2198.9 | 1647.4 | 1130.6 | 24.6 |
| 49°   | 3444.8 | 3411.0 | 3330.2 | 3190.2 | 3037.2 | 2828.0 | 2496.5 | 2055.8 | 1517.4 | 1035.2 | 21.5 |
| 50°   | 3195.6 | 3172.5 | 3059.5 | 2956.4 | 2794.1 | 2598.8 | 2268.1 | 1867.4 | 1355.9 | 916.8  | 19.2 |
| 51°   | 3001.0 | 2973.3 | 2891.8 | 2763.4 | 2590.3 | 2363.4 | 2052.0 | 1622.8 | 1170.6 | 776.0  | 15.4 |
| 52°   | 2798.0 | 2782.6 | 2710.3 | 2578.0 | 2408.1 | 2181.9 | 1842.0 | 1415.1 | 990.6  | 656.0  | 12.3 |
| 53°   | 2631.9 | 2609.6 | 2521.1 | 2403.4 | 2219.6 | 1985.8 | 1614.3 | 1222.1 | 839.1  | 551.4  | 10.8 |
| 54°   | 2389.6 | 2380.4 | 2323.4 | 2200.4 | 2001.2 | 1746.6 | 1408.2 | 1029.1 | 699.9  | 467.6  | 9.2  |
| 55°   | 2131.9 | 2101.2 | 2043.5 | 1945.8 | 1762.8 | 1525.1 | 1169.8 | 852.9  | 566.1  | 393.8  | 6.9  |
| 56°   | 1818.2 | 1816.6 | 1713.6 | 1632.0 | 1469.7 | 1217.5 | 934.5  | 666.0  | 459.9  | 328.4  | 6.2  |
| 57°   | 1518.2 | 1469.7 | 1370.5 | 1289.8 | 1115.2 | 923.7  | 693.7  | 499.1  | 359.9  | 266.1  | 4.6  |
| 58°   | 1122.9 | 1097.5 | 1071.4 | 952.9  | 791.4  | 654.5  | 495.3  | 350.7  | 266.1  | 203.0  | 3.1  |
| 59°   | 762.2  | 761.4  | 730.6  | 640.7  | 547.6  | 407.6  | 309.2  | 238.4  | 183.0  | 149.2  | 2.3  |
| 60°   | 575.3  | 561.4  | 499.9  | 440.7  | 344.6  | 257.6  | 183.0  | 140.7  | 113.8  | 96.1   | 1.5  |
| 62.5° | 201.5  | 209.2  | 183.8  | 152.3  | 116.1  | 95.4   | 73.1   | 59.2   | 48.5   | 39.2   | 0.0  |
| 65°   | 41.5   | 45.4   | 39.2   | 36.9   | 29.2   | 25.4   | 22.3   | 19.2   | 16.2   | 13.8   | 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° | 5.4 | 4.6  | 4.6 | 4.6  | 3.8 | 3.8   | 3.8 | 3.8   | 3.1 | 3.1   | 0.8 |
| 70°   | 2.3 | 2.3  | 2.3 | 2.3  | 2.3 | 2.3   | 1.5 | 1.5   | 1.5 | 1.5   | 0.8 |
| 72.5° | 2.3 | 2.3  | 2.3 | 1.5  | 1.5 | 1.5   | 1.5 | 1.5   | 1.5 | 0.8   | 0.8 |
| 75°   | 1.5 | 1.5  | 1.5 | 1.5  | 1.5 | 1.5   | 1.5 | 0.8   | 0.8 | 0.8   | 0.8 |
| 77.5° | 1.5 | 1.5  | 1.5 | 1.5  | 1.5 | 1.5   | 0.8 | 0.8   | 0.8 | 0.8   | 0.8 |
| 80°   | 0.8 | 0.8  | 0.8 | 0.8  | 0.8 | 0.8   | 0.8 | 0.8   | 0.8 | 0.8   | 0.8 |
| 82.5° | 0.8 | 0.8  | 0.8 | 0.8  | 0.8 | 0.8   | 0.8 | 0.8   | 0.8 | 0.8   | 1.5 |
| 85°   | 0.8 | 0.8  | 0.8 | 0.0  | 0.0 | 0.8   | 0.8 | 0.8   | 0.8 | 0.8   | 0.8 |
| 87.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 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):**

|       | 67.5° | 90°  | 112.5° | 135° | 157.5° | 180° |
|-------|-------|------|--------|------|--------|------|
| 0°    | 44.6  | 44.6 | 44.6   | 44.6 | 44.6   | 44.6 |
| 2.5°  | 46.9  | 45.4 | 43.1   | 42.3 | 41.5   | 41.5 |
| 5°    | 46.1  | 43.1 | 40.8   | 38.5 | 37.7   | 37.7 |
| 7.5°  | 43.8  | 40.0 | 36.9   | 35.4 | 34.6   | 33.8 |
| 10°   | 41.5  | 36.1 | 33.1   | 31.5 | 31.5   | 31.5 |
| 12.5° | 36.9  | 32.3 | 29.2   | 28.5 | 29.2   | 29.2 |
| 15°   | 33.1  | 27.7 | 26.1   | 26.1 | 26.9   | 27.7 |
| 17.5° | 28.5  | 24.6 | 23.1   | 23.8 | 24.6   | 25.4 |
| 20°   | 25.4  | 20.8 | 20.8   | 21.5 | 23.8   | 23.8 |
| 22.5° | 22.3  | 18.5 | 18.5   | 20.8 | 22.3   | 23.1 |
| 25°   | 20.0  | 16.2 | 16.9   | 19.2 | 21.5   | 22.3 |
| 27.5° | 16.9  | 13.8 | 15.4   | 18.5 | 20.8   | 21.5 |
| 30°   | 14.6  | 12.3 | 14.6   | 17.7 | 20.0   | 21.5 |
| 31°   | 13.8  | 11.5 | 14.6   | 16.9 | 20.0   | 21.5 |
| 32°   | 12.3  | 11.5 | 13.8   | 16.9 | 20.0   | 20.8 |
| 33°   | 11.5  | 10.8 | 13.8   | 16.9 | 20.0   | 20.8 |
| 34°   | 10.8  | 10.0 | 13.1   | 16.9 | 20.0   | 20.8 |
| 35°   | 9.2   | 10.0 | 13.1   | 16.2 | 19.2   | 20.8 |
| 36°   | 8.5   | 9.2  | 13.1   | 16.2 | 19.2   | 20.8 |
| 37°   | 7.7   | 9.2  | 12.3   | 16.2 | 19.2   | 20.8 |
| 38°   | 6.9   | 8.5  | 12.3   | 16.2 | 19.2   | 20.8 |
| 39°   | 6.2   | 8.5  | 11.5   | 16.2 | 19.2   | 20.8 |
| 40°   | 5.4   | 7.7  | 11.5   | 15.4 | 19.2   | 20.8 |
| 41°   | 5.4   | 7.7  | 11.5   | 15.4 | 19.2   | 20.8 |
| 42°   | 4.6   | 7.7  | 11.5   | 15.4 | 19.2   | 20.8 |
| 43°   | 3.8   | 6.9  | 11.5   | 15.4 | 19.2   | 20.8 |
| 44°   | 3.1   | 6.9  | 10.8   | 15.4 | 19.2   | 20.8 |
| 45°   | 3.1   | 6.9  | 10.8   | 15.4 | 19.2   | 20.8 |
| 46°   | 2.3   | 6.2  | 10.8   | 15.4 | 19.2   | 20.8 |
| 47°   | 1.5   | 6.2  | 10.8   | 14.6 | 19.2   | 20.8 |
| 48°   | 1.5   | 6.2  | 10.8   | 14.6 | 19.2   | 20.8 |
| 49°   | 1.5   | 6.2  | 10.0   | 14.6 | 19.2   | 20.8 |
| 50°   | 1.5   | 6.2  | 10.0   | 14.6 | 19.2   | 20.8 |
| 51°   | 0.8   | 5.4  | 10.0   | 14.6 | 19.2   | 20.8 |
| 52°   | 0.8   | 5.4  | 10.0   | 14.6 | 19.2   | 21.5 |
| 53°   | 0.8   | 5.4  | 10.0   | 14.6 | 19.2   | 20.8 |
| 54°   | 0.8   | 5.4  | 9.2    | 14.6 | 19.2   | 20.8 |
| 55°   | 0.8   | 5.4  | 9.2    | 14.6 | 19.2   | 20.8 |
| 56°   | 0.8   | 4.6  | 9.2    | 13.8 | 19.2   | 20.8 |
| 57°   | 1.5   | 4.6  | 9.2    | 13.8 | 19.2   | 20.0 |
| 58°   | 1.5   | 4.6  | 9.2    | 13.8 | 18.5   | 20.0 |
| 59°   | 1.5   | 4.6  | 9.2    | 13.8 | 18.5   | 20.0 |
| 60°   | 1.5   | 4.6  | 8.5    | 13.8 | 18.5   | 20.0 |
| 62.5° | 1.5   | 4.6  | 8.5    | 13.1 | 17.7   | 19.2 |
| 65°   | 1.5   | 4.6  | 7.7    | 12.3 | 17.7   | 18.5 |



TEST NUMBER: P1344687

CATALOG NUMBER: P3A13R25B2750DE010 E3CA451MB\_4000K

**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|--------|------|--------|------|
| 67.5° | 1.5   | 3.8 | 7.7    | 11.5 | 16.9   | 17.7 |
| 70°   | 2.3   | 3.8 | 6.9    | 11.5 | 16.2   | 16.9 |
| 72.5° | 2.3   | 3.8 | 6.9    | 10.0 | 14.6   | 16.2 |
| 75°   | 2.3   | 3.8 | 6.2    | 9.2  | 13.8   | 14.6 |
| 77.5° | 2.3   | 3.8 | 5.4    | 8.5  | 12.3   | 13.1 |
| 80°   | 3.1   | 3.8 | 4.6    | 6.9  | 10.8   | 11.5 |
| 82.5° | 3.1   | 3.8 | 3.8    | 5.4  | 8.5    | 9.2  |
| 85°   | 2.3   | 3.1 | 3.1    | 3.8  | 5.4    | 6.2  |
| 87.5° | 2.3   | 3.1 | 2.3    | 1.5  | 3.1    | 3.1  |
| 90°   | 0.0   | 0.0 | 0.0    | 0.0  | 0.0    | 0.0  |

(END OF REPORT)