

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: P1337582

Luminaire Tested: P3A05R25B2750DE010 E3A451WMH\_2700K

Issue Date: 2/13/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1337582  
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: P3A05R25B2750DE010 E3A451WMH\_2700K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3A451WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

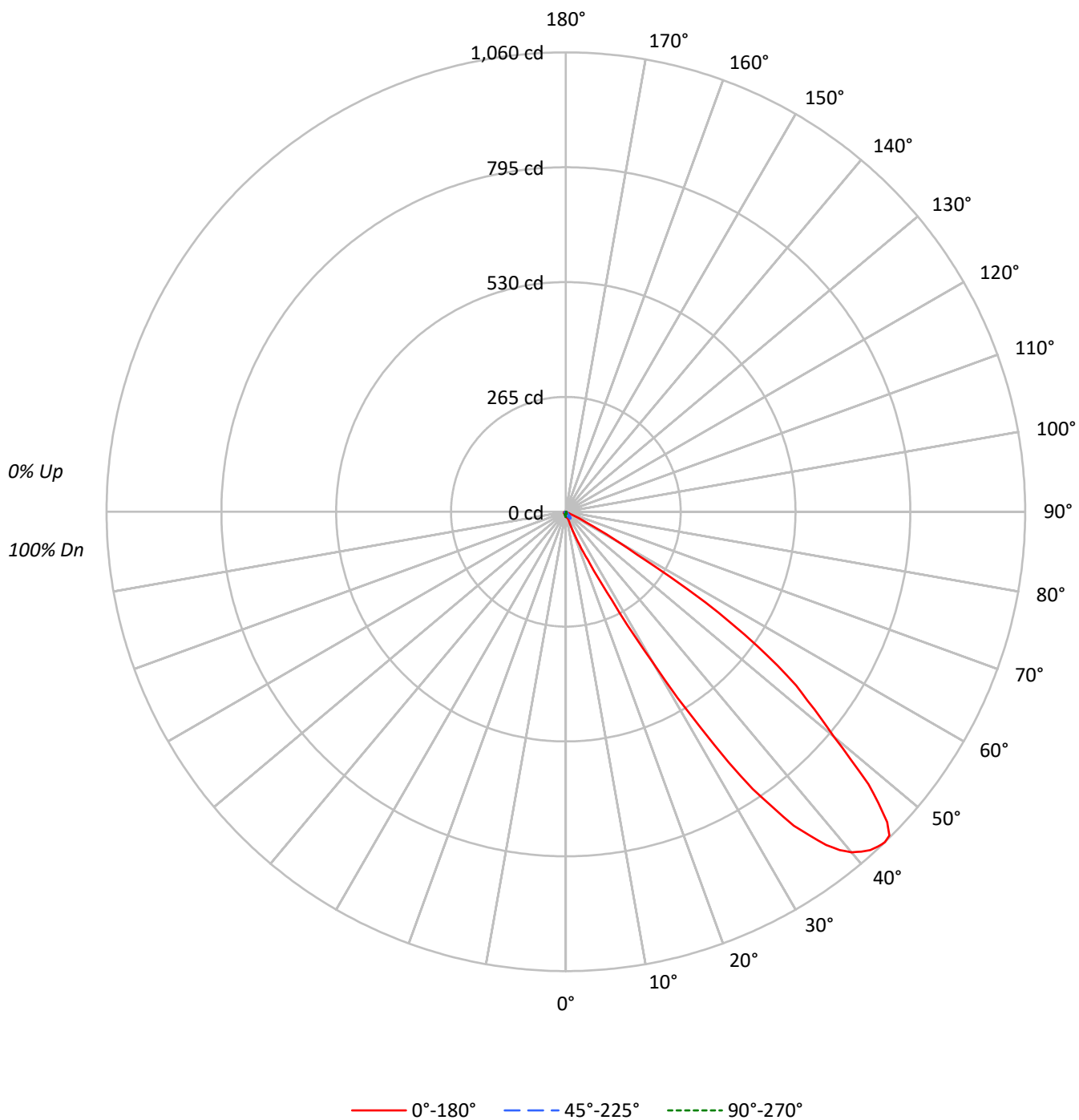
Lumens per Lamp: N/A  
Luminaire Lumens: 221.1 lumens  
Efficiency: N/A  
Efficacy: 37.5 lumens/watt  
Spacing Criteria (0/90/45): 3.65 / 0.6 / 1.37  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 5.9  
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: 24 FT

TEST NUMBER: P1337582

CATALOG NUMBER: P3A05R25B2750DE010 E3A451WMH\_2700K

### Luminous Intensity Polar Plot



TEST NUMBER: P1337582

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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°  | 2478   | 2478 | 2478 | 2478 | 2478 |
| 5°  | 2818   | 2707 | 2399 | 2135 | 2091 |
| 10° | 2806   | 2561 | 2026 | 1781 | 1781 |
| 15° | 3133   | 2202 | 1589 | 1498 | 1589 |
| 20° | 11084  | 2170 | 1237 | 1260 | 1400 |
| 25° | 31865  | 2782 | 992  | 1186 | 1355 |
| 30° | 101636 | 4279 | 785  | 1139 | 1367 |
| 35° | 222613 | 5059 | 669  | 1098 | 1419 |
| 40° | 293664 | 4551 | 544  | 1116 | 1517 |
| 45° | 327476 | 3194 | 558  | 1209 | 1644 |
| 50° | 275641 | 1672 | 546  | 1262 | 1808 |
| 55° | 206100 | 688  | 535  | 1415 | 2026 |
| 60° | 63811  | 175  | 526  | 1535 | 2237 |
| 65° | 5448   | 0    | 623  | 1608 | 2439 |
| 70° | 385    | 128  | 641  | 1859 | 2757 |
| 75° | 339    | 169  | 847  | 1949 | 3135 |
| 80° | 253    | 253  | 1263 | 2273 | 3662 |
| 85° | 503    | 503  | 2013 | 2516 | 4026 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 327476 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 1.0    | 0.5       |
| 10°-20°   | 2.6    | 1.2       |
| 20°-30°   | 12.2   | 5.5       |
| 30°-40°   | 58.9   | 26.6      |
| 40°-50°   | 92.3   | 41.7      |
| 50°-60°   | 47.3   | 21.4      |
| 60°-70°   | 4.5    | 2.0       |
| 70°-80°   | 1.5    | 0.7       |
| 80°-90°   | 0.8    | 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°    | 15.8   | 7.2       |
| 0°-40°    | 74.7   | 33.8      |
| 0°-60°    | 214.3  | 96.9      |
| 0°-90°    | 221.1  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 221.1  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0°  | 11   | 11  | 11  | 11   | 11   |      |
| 5°  | 13   | 12  | 11  | 10   | 10   | 1    |
| 15° | 14   | 10  | 7   | 7    | 7    | 6    |
| 25° | 132  | 12  | 4   | 5    | 6    | 82   |
| 35° | 832  | 19  | 2   | 4    | 5    | 505  |
| 45° | 1056 | 10  | 2   | 4    | 5    | 773  |
| 55° | 539  | 2   | 1   | 4    | 5    | 449  |
| 65° | 10   | 0   | 1   | 3    | 5    | 33   |
| 75° | 0    | 0   | 1   | 2    | 4    | 0    |
| 85° | 0    | 0   | 1   | 1    | 2    | 0    |
| 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°    | 11.3   | 11.3   | 11.3   | 11.3  | 11.3  | 11.3  | 11.3  | 11.3  | 11.3  | 11.3  | 11.3 |
| 2.5°  | 12.3   | 12.3   | 12.3   | 12.3  | 12.3  | 12.3  | 12.1  | 12.1  | 12.3  | 12.1  | 12.1 |
| 5°    | 12.8   | 12.8   | 12.8   | 12.8  | 12.8  | 12.8  | 12.8  | 12.6  | 12.6  | 12.6  | 12.3 |
| 7.5°  | 13.0   | 12.8   | 12.8   | 12.8  | 12.8  | 12.8  | 12.8  | 12.8  | 12.6  | 12.6  | 12.1 |
| 10°   | 12.6   | 12.6   | 12.6   | 12.6  | 12.4  | 12.4  | 12.4  | 12.3  | 12.3  | 12.3  | 11.5 |
| 12.5° | 12.6   | 12.6   | 12.6   | 12.6  | 12.4  | 12.4  | 12.3  | 12.3  | 12.1  | 11.9  | 10.5 |
| 15°   | 13.8   | 13.8   | 13.8   | 13.6  | 13.4  | 13.2  | 13.0  | 12.8  | 12.6  | 12.3  | 9.7  |
| 17.5° | 20.2   | 19.6   | 19.4   | 18.7  | 17.7  | 16.7  | 15.9  | 15.2  | 14.4  | 13.8  | 9.3  |
| 20°   | 47.5   | 47.3   | 46.3   | 44.0  | 41.4  | 38.5  | 35.6  | 32.3  | 27.6  | 24.5  | 9.3  |
| 22.5° | 82.3   | 81.1   | 79.3   | 77.6  | 73.1  | 67.9  | 62.4  | 56.2  | 50.2  | 43.8  | 9.9  |
| 25°   | 131.7  | 134.4  | 128.5  | 123.9 | 116.1 | 106.6 | 96.3  | 87.7  | 76.8  | 66.7  | 11.5 |
| 27.5° | 228.9  | 230.6  | 219.2  | 204.0 | 185.9 | 165.9 | 146.4 | 131.9 | 113.6 | 96.8  | 14.4 |
| 30°   | 401.4  | 403.1  | 383.9  | 351.6 | 314.3 | 281.4 | 236.9 | 197.8 | 161.8 | 134.0 | 16.9 |
| 31°   | 501.0  | 487.4  | 465.0  | 433.7 | 386.4 | 336.8 | 283.3 | 236.1 | 190.6 | 154.0 | 17.7 |
| 32°   | 587.5  | 586.3  | 560.3  | 512.8 | 465.4 | 404.1 | 337.8 | 276.2 | 220.3 | 174.2 | 18.3 |
| 33°   | 689.6  | 681.8  | 645.1  | 600.3 | 537.5 | 475.9 | 390.3 | 319.9 | 250.9 | 196.8 | 18.7 |
| 34°   | 771.5  | 750.5  | 735.3  | 684.2 | 617.8 | 539.3 | 447.7 | 366.2 | 289.0 | 218.6 | 18.9 |
| 35°   | 831.6  | 827.1  | 797.5  | 749.9 | 682.4 | 602.1 | 509.5 | 414.2 | 320.9 | 243.9 | 18.9 |
| 36°   | 895.2  | 881.4  | 852.6  | 809.4 | 743.7 | 660.6 | 556.8 | 455.8 | 358.0 | 266.6 | 18.7 |
| 37°   | 935.0  | 926.9  | 898.3  | 853.7 | 789.4 | 710.0 | 609.7 | 499.8 | 387.6 | 289.4 | 18.3 |
| 38°   | 976.1  | 959.5  | 931.3  | 888.7 | 825.5 | 751.1 | 648.0 | 533.6 | 414.8 | 309.4 | 17.7 |
| 39°   | 1004.5 | 987.3  | 958.6  | 916.2 | 854.3 | 780.4 | 678.3 | 562.4 | 438.5 | 324.4 | 16.9 |
| 40°   | 1025.9 | 1009.3 | 980.2  | 936.6 | 875.5 | 803.6 | 703.6 | 587.9 | 458.4 | 337.4 | 15.9 |
| 41°   | 1039.1 | 1023.7 | 994.7  | 951.4 | 890.1 | 816.8 | 720.1 | 604.4 | 471.8 | 346.2 | 15.0 |
| 42°   | 1050.2 | 1034.4 | 1004.9 | 960.5 | 899.1 | 828.1 | 730.3 | 614.9 | 480.9 | 350.6 | 14.2 |
| 43°   | 1056.4 | 1040.6 | 1011.9 | 966.5 | 904.5 | 833.3 | 735.7 | 619.8 | 484.0 | 350.1 | 12.8 |
| 44°   | 1059.9 | 1043.6 | 1014.6 | 969.3 | 906.8 | 834.7 | 736.1 | 618.8 | 481.9 | 345.4 | 11.7 |
| 45°   | 1056.0 | 1039.9 | 1011.9 | 966.5 | 902.8 | 830.4 | 732.2 | 613.6 | 473.7 | 336.2 | 10.3 |
| 46°   | 1030.7 | 1018.3 | 992.6  | 951.0 | 889.9 | 819.5 | 722.3 | 603.5 | 461.1 | 325.0 | 8.8  |
| 47°   | 986.2  | 976.3  | 951.4  | 920.4 | 865.2 | 799.5 | 704.0 | 584.2 | 443.4 | 308.0 | 7.0  |
| 48°   | 939.7  | 925.1  | 902.0  | 870.3 | 823.6 | 763.5 | 673.9 | 556.0 | 416.6 | 285.9 | 6.2  |
| 49°   | 871.1  | 862.5  | 842.1  | 806.7 | 768.0 | 715.1 | 631.3 | 519.8 | 383.7 | 261.8 | 5.4  |
| 50°   | 808.0  | 802.2  | 773.6  | 747.6 | 706.5 | 657.1 | 573.5 | 472.2 | 342.9 | 231.8 | 4.9  |
| 51°   | 758.8  | 751.8  | 731.2  | 698.7 | 655.0 | 597.6 | 518.9 | 410.3 | 296.0 | 196.2 | 3.9  |
| 52°   | 707.5  | 703.6  | 685.3  | 651.9 | 608.9 | 551.7 | 465.8 | 357.8 | 250.5 | 165.9 | 3.1  |
| 53°   | 665.5  | 659.9  | 637.5  | 607.7 | 561.3 | 502.1 | 408.2 | 309.0 | 212.2 | 139.4 | 2.7  |
| 54°   | 604.2  | 601.9  | 587.5  | 556.4 | 506.0 | 441.7 | 356.1 | 260.2 | 177.0 | 118.2 | 2.3  |
| 55°   | 539.1  | 531.3  | 516.7  | 492.0 | 445.7 | 385.6 | 295.8 | 215.7 | 143.1 | 99.6  | 1.8  |
| 56°   | 459.7  | 459.3  | 433.3  | 412.7 | 371.6 | 307.9 | 236.3 | 168.4 | 116.3 | 83.0  | 1.6  |
| 57°   | 383.9  | 371.6  | 346.6  | 326.1 | 282.0 | 233.6 | 175.4 | 126.2 | 91.0  | 67.3  | 1.2  |
| 58°   | 283.9  | 277.5  | 270.9  | 241.0 | 200.1 | 165.5 | 125.2 | 88.7  | 67.3  | 51.3  | 0.8  |
| 59°   | 192.7  | 192.5  | 184.8  | 162.0 | 138.5 | 103.1 | 78.2  | 60.3  | 46.3  | 37.7  | 0.6  |
| 60°   | 145.5  | 142.0  | 126.4  | 111.4 | 87.1  | 65.1  | 46.3  | 35.6  | 28.8  | 24.3  | 0.4  |
| 62.5° | 51.0   | 52.9   | 46.5   | 38.5  | 29.4  | 24.1  | 18.5  | 15.0  | 12.3  | 9.9   | 0.0  |
| 65°   | 10.5   | 11.5   | 9.9    | 9.3   | 7.4   | 6.4   | 5.6   | 4.9   | 4.1   | 3.5   | 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° | 1.4 | 1.2  | 1.2 | 1.2  | 1.0 | 1.0   | 1.0 | 1.0   | 0.8 | 0.8   | 0.2 |
| 70°   | 0.6 | 0.6  | 0.6 | 0.6  | 0.6 | 0.6   | 0.4 | 0.4   | 0.4 | 0.4   | 0.2 |
| 72.5° | 0.6 | 0.6  | 0.6 | 0.4  | 0.4 | 0.4   | 0.4 | 0.4   | 0.4 | 0.2   | 0.2 |
| 75°   | 0.4 | 0.4  | 0.4 | 0.4  | 0.4 | 0.4   | 0.4 | 0.2   | 0.2 | 0.2   | 0.2 |
| 77.5° | 0.4 | 0.4  | 0.4 | 0.4  | 0.4 | 0.4   | 0.2 | 0.2   | 0.2 | 0.2   | 0.2 |
| 80°   | 0.2 | 0.2  | 0.2 | 0.2  | 0.2 | 0.2   | 0.2 | 0.2   | 0.2 | 0.2   | 0.2 |
| 82.5° | 0.2 | 0.2  | 0.2 | 0.2  | 0.2 | 0.2   | 0.2 | 0.2   | 0.2 | 0.2   | 0.4 |
| 85°   | 0.2 | 0.2  | 0.2 | 0.0  | 0.0 | 0.2   | 0.2 | 0.2   | 0.2 | 0.2   | 0.2 |
| 87.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.2 |
| 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°    | 11.3  | 11.3 | 11.3   | 11.3 | 11.3   | 11.3 |
| 2.5°  | 11.9  | 11.5 | 10.9   | 10.7 | 10.5   | 10.5 |
| 5°    | 11.7  | 10.9 | 10.3   | 9.7  | 9.5    | 9.5  |
| 7.5°  | 11.1  | 10.1 | 9.3    | 8.9  | 8.8    | 8.6  |
| 10°   | 10.5  | 9.1  | 8.4    | 8.0  | 8.0    | 8.0  |
| 12.5° | 9.3   | 8.2  | 7.4    | 7.2  | 7.4    | 7.4  |
| 15°   | 8.4   | 7.0  | 6.6    | 6.6  | 6.8    | 7.0  |
| 17.5° | 7.2   | 6.2  | 5.8    | 6.0  | 6.2    | 6.4  |
| 20°   | 6.4   | 5.3  | 5.3    | 5.4  | 6.0    | 6.0  |
| 22.5° | 5.6   | 4.7  | 4.7    | 5.3  | 5.6    | 5.8  |
| 25°   | 5.1   | 4.1  | 4.3    | 4.9  | 5.4    | 5.6  |
| 27.5° | 4.3   | 3.5  | 3.9    | 4.7  | 5.3    | 5.4  |
| 30°   | 3.7   | 3.1  | 3.7    | 4.5  | 5.1    | 5.4  |
| 31°   | 3.5   | 2.9  | 3.7    | 4.3  | 5.1    | 5.4  |
| 32°   | 3.1   | 2.9  | 3.5    | 4.3  | 5.1    | 5.3  |
| 33°   | 2.9   | 2.7  | 3.5    | 4.3  | 5.1    | 5.3  |
| 34°   | 2.7   | 2.5  | 3.3    | 4.3  | 5.1    | 5.3  |
| 35°   | 2.3   | 2.5  | 3.3    | 4.1  | 4.9    | 5.3  |
| 36°   | 2.1   | 2.3  | 3.3    | 4.1  | 4.9    | 5.3  |
| 37°   | 1.9   | 2.3  | 3.1    | 4.1  | 4.9    | 5.3  |
| 38°   | 1.8   | 2.1  | 3.1    | 4.1  | 4.9    | 5.3  |
| 39°   | 1.6   | 2.1  | 2.9    | 4.1  | 4.9    | 5.3  |
| 40°   | 1.4   | 1.9  | 2.9    | 3.9  | 4.9    | 5.3  |
| 41°   | 1.4   | 1.9  | 2.9    | 3.9  | 4.9    | 5.3  |
| 42°   | 1.2   | 1.9  | 2.9    | 3.9  | 4.9    | 5.3  |
| 43°   | 1.0   | 1.8  | 2.9    | 3.9  | 4.9    | 5.3  |
| 44°   | 0.8   | 1.8  | 2.7    | 3.9  | 4.9    | 5.3  |
| 45°   | 0.8   | 1.8  | 2.7    | 3.9  | 4.9    | 5.3  |
| 46°   | 0.6   | 1.6  | 2.7    | 3.9  | 4.9    | 5.3  |
| 47°   | 0.4   | 1.6  | 2.7    | 3.7  | 4.9    | 5.3  |
| 48°   | 0.4   | 1.6  | 2.7    | 3.7  | 4.9    | 5.3  |
| 49°   | 0.4   | 1.6  | 2.5    | 3.7  | 4.9    | 5.3  |
| 50°   | 0.4   | 1.6  | 2.5    | 3.7  | 4.9    | 5.3  |
| 51°   | 0.2   | 1.4  | 2.5    | 3.7  | 4.9    | 5.3  |
| 52°   | 0.2   | 1.4  | 2.5    | 3.7  | 4.9    | 5.4  |
| 53°   | 0.2   | 1.4  | 2.5    | 3.7  | 4.9    | 5.3  |
| 54°   | 0.2   | 1.4  | 2.3    | 3.7  | 4.9    | 5.3  |
| 55°   | 0.2   | 1.4  | 2.3    | 3.7  | 4.9    | 5.3  |
| 56°   | 0.2   | 1.2  | 2.3    | 3.5  | 4.9    | 5.3  |
| 57°   | 0.4   | 1.2  | 2.3    | 3.5  | 4.9    | 5.1  |
| 58°   | 0.4   | 1.2  | 2.3    | 3.5  | 4.7    | 5.1  |
| 59°   | 0.4   | 1.2  | 2.3    | 3.5  | 4.7    | 5.1  |
| 60°   | 0.4   | 1.2  | 2.1    | 3.5  | 4.7    | 5.1  |
| 62.5° | 0.4   | 1.2  | 2.1    | 3.3  | 4.5    | 4.9  |
| 65°   | 0.4   | 1.2  | 1.9    | 3.1  | 4.5    | 4.7  |





TEST NUMBER: P1337582

CATALOG NUMBER: P3A05R25B2750DE010 E3A451WMH\_2700K

**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|--------|------|--------|------|
| 67.5° | 0.4   | 1.0 | 1.9    | 2.9  | 4.3    | 4.5  |
| 70°   | 0.6   | 1.0 | 1.8    | 2.9  | 4.1    | 4.3  |
| 72.5° | 0.6   | 1.0 | 1.8    | 2.5  | 3.7    | 4.1  |
| 75°   | 0.6   | 1.0 | 1.6    | 2.3  | 3.5    | 3.7  |
| 77.5° | 0.6   | 1.0 | 1.4    | 2.1  | 3.1    | 3.3  |
| 80°   | 0.8   | 1.0 | 1.2    | 1.8  | 2.7    | 2.9  |
| 82.5° | 0.8   | 1.0 | 1.0    | 1.4  | 2.1    | 2.3  |
| 85°   | 0.6   | 0.8 | 0.8    | 1.0  | 1.4    | 1.6  |
| 87.5° | 0.6   | 0.8 | 0.6    | 0.4  | 0.8    | 0.8  |
| 90°   | 0.0   | 0.0 | 0.0    | 0.0  | 0.0    | 0.0  |

(END OF REPORT)